

**Utility Special District Meeting
Agenda**

**Marina Event Center - 190 E. 13th Street
Riviera Beach, FL 33404**

**January 19, 2022
5:30 PM**

Notice

In accordance with the Americans with Disabilities Act of 1990, persons in need of a special accommodation to participate in the proceedings shall contact the office of the City Manager at 561-845-4010 no later than 96 hours prior to the proceedings; if hearing impaired, telephone the Florida Relay Services 1-800- 955-8771 (TDD) or 1-800-955-8770 (voice) for assistance.

Chairperson

Shirley D. Lanier - District 3

Vice Chairperson

Kashamba Miller-Anderson - District 2

Board Members

Tradrick McCoy - District 1

Julia A. Botel - District 4

Douglas A. Lawson - District 5

Ex-Officio Board Member

Ronnie L. Felder

Administration

Jonathan Evans, City Manager

Deirdre M. Jacobs, Acting Executive Director

Claudene L. Anthony, CMC, District Clerk

Dawn S. Wynn, District Attorney

Randy Sherman, District Finance Director

Please take notice and be advised, that if any interested person desires to appeal any decision made by the City Council with respect to any matter considered at this meeting, such interested person, at own expense, will need a record of the proceedings, and for such purpose may need to ensure that a verbatim record of the proceedings is made, which record includes the testimony and evidence upon which the appeal is to be based, pursuant to F.S. 286.0105.

Be further advised, the meeting location is subject to change. The public is encouraged to visit the City's website for up to date information on meeting location and information.

Lobbying - Ordinance 4001 - Adopted September 2011

Lobbyist registration and reporting forms are available for you online and in print. Forms can be obtained in the Office of the City Clerk and Council Chambers. Registration and reporting forms shall be submitted to the Office of the City Clerk.

Any person who would like to speak on an agenda item please complete a pink public comment card located at the front desk and give it to the staff prior to the item being taken up by City Council for discussion. Members of the public will be given a total of three (3) minutes to speak on all items listed on the consent agenda and three (3) minutes to speak on each regular agenda item. The time limit for public comment may be reduced by a vote of the City Council based on the voluminous nature of public comment cards. In no event will anyone be allowed to submit a comment card to speak on an agenda item after the resolution is read or item considered.

CALL TO ORDER

Roll Call

Invocation

Pledge of Allegiance

AGENDA Approval

Additions, Deletions, Substitutions

Disclosures

Adoption of Agenda

Comments From the Public on Consent Agenda (Three Minutes Limitation)

CONSENT AGENDA

ALL MATTERS LISTED UNDER THIS ITEM ARE CONSIDERED TO BE ROUTINE AND ACTION WILL BE TAKEN BY ONE MOTION. THERE WILL BE NO SEPARATE DISCUSSION OF THESE ITEMS UNLESS A BOARD MEMBER SO REQUESTS, IN WHICH EVENT, THE ITEM WILL BE REMOVED FROM THE GENERAL ORDER OF BUSINESS AND CONSIDERED IN ITS NORMAL SEQUENCE ON THE AGENDA.

1. MINUTES

1A NOVEMBER 16, 2021 SPECIAL UTILITY SPECIAL DISTRICT MEETING MINUTES

CLAUDENE L. ANTHONY, DISTRICT CLERK (561) 845-4090

It is hereby requested that the Board of Directors approve the November 16, 2021 Special Utility Special District Meeting Minutes.

[16NOV21_USDSM.docx](#)

1B DECEMBER 1, 2021 SPECIAL UTILITY SPECIAL DISTRICT MEETING MINUTES

CLAUDENE L. ANTHONY, DISTRICT CLERK (561) 845-4090

It is hereby requested that the Board of Directors approve the December 1, 2021 Special Utility Special District Meeting Minutes.

[01DEC21_USDSM.docx](#)

2. BOARD APPOINTMENTS

3. RESOLUTIONS

. END OF CONSENT AGENDA

4. UNFINISHED BUSINESS

. PETITIONS AND COMMUNICATIONS FOR FILING

5. AWARDS AND PRESENTATIONS

6. PUBLIC HEARINGS

. COMMENTS FROM THE PUBLIC - 5:45 PM Non-Agenda Item Speakers (Three Minute Limitation)

Please be reminded the Board has adopted "Rules of Decorum Governing Public Conduct during Official Meetings" which has been posted at the front desk. In an effort to preserve order, if any of the rules are not adhered to, the Board Chair may have any disruptive speaker or attendee removed from the podium, from the meeting and/or the building, if necessary. Please govern yourselves accordingly. Public Comments shall begin at 5:45 PM unless there is no further business of the Board, which in that event, it shall begin sooner. In addition, if an item is being considered at 5:45 PM, then comments from the public shall begin immediately after the item has been concluded.

Any person who would like to speak, during public comments, please fill out a public comment card located at the front desk and give it to the staff before the public comments section is announced.

7. **ITEMS TABLED**

8. **REGULAR**

8A

RESOLUTION NUMBER 1-22UD A RESOLUTION OF THE UTILITY BOARD OF DIRECTORS OF THE CITY OF RIVIERA BEACH SPECIAL UTILITY DISTRICT, PALM BEACH COUNTY, FLORIDA AUTHORIZING AND RATIFYING THE APPOINTMENT OF MICHAEL LOWE AS THE DIRECTOR OF THE UTILITY SPECIAL DISTRICT; AND PROVIDING FOR AN EFFECTIVE DATE.

DEIRDRE M. JACOBS, ACTING EXECUTIVE DIRECTOR OF THE UTILITY SPECIAL DISTRICT, 561-845-4185

Staff recommends approval of Resolution Number 1-22UD appointing Michael Lowe as the District Utility Director.

[Memo-To Appoint Utility Director.docx](#)

[Resolution Number 4-22UD to Appoint and Ratify Director.docx](#)

[ORDINANCE_NO_2972.pdf](#)

[Utility Services Agreement between CRB and CRB Utility Special District.pdf](#)

8B

RESOLUTION NUMBER 2-22UD A RESOLUTION OF THE UTILITY SPECIAL DISTRICT BOARD OF DIRECTORS OF THE CITY OF RIVIERA BEACH, PALM BEACH COUNTY, FLORIDA AUTHORIZING THE BOARD TO APPOINT THE EXECUTIVE DIRECTOR OF UTILITY TO THE EAST CENTRAL REGIONAL WASTEWATER TREATMENT FACILITY (ECR) BOARD ACCORDING TO THE INTERLOCAL AGREEMENT SIGNED SEPTEMBER 9, 1992 AND THE RENEWAL OF THE E C R INTERLOCAL AGREEMENT SIGNED APRIL 20, 2010; AND

APPOINT THE EXECUTIVE DIRECTOR AS THE AUTHORIZED SIGNEE FOR ALL PALM BEACH COUNTY HEALTH DEPARTMENT DOCUMENTS PERTAINING TO THE UTILITY SPECIAL DISTRICT AND ITS SERVICE AREA; AND PROVIDING FOR AN EFFECTIVE DATE.

DEIRDRE M. JACOBS, ACTING EXECUTIVE DIRECTOR OF THE UTILITY SPECIAL DISTRICT, 561-845-4185

In order to comply with the Inter-local Agreement entered into on September 9, 1992, staff recommends approval of Resolution Number 2-22UD appointing Executive Director Michael Lowe, and appoint Senior Utility Engineer, John Armstrong as the alternate member to the ECR Board as the District's representative.

[1_19_22_Memo_to_ECR_Board_Member.docx](#)

[Resolution Number 2-22UD ECR_Board_Appointment.docx](#)

[1_19_22 ECR Board Appointment Letter.docx](#)

[1_19_22 DOH Appointment Letter-rhediteddj.docx](#)

[9_09_92 Interlocal Agreement Establishing Duties & Responsibilities.pdf](#)

8C

RESOLUTION NUMBER 3-22UD A RESOLUTION OF THE BOARD OF DIRECTORS OF THE CITY OF RIVIERA BEACH UTILITY SPECIAL DISTRICT, PALM BEACH COUNTY, FLORIDA, APPROVING THE WATER AND SANITARY SEWER ASPECTS OF A SITE PLAN APPLICATION FROM PRIME DEVELOPMENT, LLC TO CONSTRUCT A WAWA CONVENIENCE STORE AND GAS STATION IN PHASE I AND CONSTRUCT CENTRAL UTILITIES TO POTENTIALLY SERVE TWO RESTAURANTS AND GENERAL RETAIL COMMERCIAL DEVELOPMENTS LOCATED ON TWO PARCELS TOTALLING 9.841 ACRES OF LAND; PROVIDING FOR CONDITIONS OF APPROVAL; AUTHORIZING THE CHAIRPERSON AND DISTRICT CLERK TO EXECUTE A SUBORDINATION OF UTILITY INTERESTS FOR AN EXISTING UTILITY EASEMENT LOCATED WITHIN THE 45TH STREET RIGHT-OF-WAY; AND PROVIDING AN EFFECTIVE DATE.

DEIRDRE M. JACOBS, ACTING EXECUTIVE DIRECTOR OF THE UTILITY SPECIAL DISTRICT, 561-845-4185

Staff recommends the Board of Directors of the City of Riviera Beach Utility Special District approve the associated Resolution which includes the City of Riviera Beach Utility Special District owning and maintaining the propose potable water and sanitary sewerage facilities and to approve the subordination of utility interests in the

proposed public right-of-way along 45th Street.

- 1_Memo_to_Board_Prime Corner Project.docx
- 2. Resolution_Number_3-22UD_Prime_Corner__dw.docx
- 3_Subordination of Easement.docx
- 3a_Exhibit A Signed 12-14-2021.pdf
- 4_Project Location Map - Exhibit B.docx
- 5_Site Development Plans (2022-01-07).pdf
- 6_Proposed Re-Plat D18063P 12-15-2021.pdf

- 9. **DISCUSSION AND DELIBERATION**
- 10. **DISCUSSION BY CITY MANAGER**
- 11. **DISCUSSION BY CITY ATTORNEY**
- 12. **CITY COUNCIL COMMITTEE REPORTS**
 - . **STATEMENTS BY THE MAYOR AND BOARD**
- 13. **ITEMS ADDED LATE**
 - . **ADJOURNMENT**



"The Best Waterfront City in Which to Live, Work And Play."

City of Riviera Beach

To: HONORABLE MAYOR & BOARD OF DIRECTORS

From: CLAUDENE L. ANTHONY, DISTRICT CLERK

Through: JONATHAN EVANS, CITY MANAGER, MPA, MBA, ICMA-CM

Subject: NOVEMBER 16, 2021 SPECIAL UTILITY SPECIAL DISTRICT MEETING MINUTES

CLAUDENE L. ANTHONY, DISTRICT CLERK (561) 845-4090

Date: January 19, 2022

CC: GENERAL PUBLIC

Background:

Attached, you will find the minutes from the November 16, 2021 Special Utility Special District Meeting. The minutes are submitted for approval by the Board of Directors.

City Goals:

To provide minutes for review by the public.

Fiscal/Budget Impact:

None

Recommendation:

It is hereby requested that the Board of Directors approve the November 16, 2021 Special Utility Special District Meeting Minutes.

Attachments:

[16NOV21_USDSM.docx](#)

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**CITY OF RIVIERA BEACH
PALM BEACH COUNTY, FLORIDA
SPECIAL UTILITY SPECIAL DISTRICT MEETING MINUTES
TUESDAY, NOVEMBER 16, 2021 AT 6:00 P.M.**

(The following may contain unintelligible or misunderstood words due to the recording quality.)

[Before meeting chatter]

CALL TO ORDER

Chairperson Lanier: Good afternoon. We will call the Special Utility Special District Board of Directors meeting to order. Tuesday, November 16, 2021. The time is 6:03 p.m.

ROLL CALL

Chairperson Lanier: Madam Clerk.

Deputy District Clerk Smith: Chairperson Shirley Lanier?

Chairperson Lanier: Here.

Deputy District Clerk Smith: Vice Chair KaShamba Miller-Anderson?

Vice Chairperson Miller-Anderson: Present.

Deputy District Clerk Smith: Board Member Tradrick McCoy?

Board Member McCoy: Here.

Deputy District Clerk Smith: Board Member Julia Botel?

Board Member Botel: Here.

Deputy District Clerk Smith: Board Member Douglas Lawson?

Board Member Lawson: Here.

Deputy District Clerk Smith: *Ex officio* Board Member Mayor Ronnie Felder? [Pause].
Jonathan Evans, City Manager?

City Manager Evans: Present.

Deputy District Clerk Smith: Ms. Deirdre Jacobs, Acting Executive Director?

Acting Executive Director Jacobs: Here.

28 **Deputy District Clerk Smith:** Tawanna Smith is present for the City Clerk. Dawn Wynn,
29 District Attorney?

30 **District Attorney Wynn:** Here.

31 **Deputy District Clerk Smith:** Randy Sherman, District Finance Director?

32 [Pause].

33 **Deputy District Clerk Smith:** You have a quorum, Chair.

34 **INVOCATION**

35 **PLEDGE OF ALLEGIANCE**

36 **Chairperson Lanier:** Very good.

37 We will have a moment of silence and stand for the Pledge of Allegiance, given by Dr.
38 Julia Botel.

39 [Moment of silence]

40 **Board Member Botel:** I pledge allegiance...

41 **All:** ...to the Flag of the United States of America, and to the Republic for which it stands, one
42 nation under God, indivisible with liberty and justice for all.

43 **Board Member McCoy:** Madam Chair? So, did I hear Randy Sherman was here? 'Cause I
44 don't see him.

45 **Board Member Botel:** I don't think he is.

46 **City Manager Evans:** Madam Chair, no. Mr. Sherman is not present.

47 **Chairperson Lanier:** Okay.

48 **AGENDA APPROVAL**

49 **ADDITIONS, DELETIONS, SUBSTITUTIONS**

50 **Chairperson Lanier:** Are there any additions, deletions, or substitutions to the Agenda
51 this evening?

52 **City Manager Evans:** None from Staff, Madam Chair.

53 **DISCLOSURES**

54 **Chairperson Lanier:** Based on the one Item that is on the Agenda, selection of a firm to
55 design, build and/or finance a new water treatment facility, are there any disclosures by the Board?

56 **ADOPTION OF AGENDA**

57 **Chairperson Lanier:** Can I get a motion to adopt the Agenda?

58 **Board Member Botel:** Motion to adopt the Agenda.

59 **Board Member Lawson:** Second.

60 **Chairperson Lanier:** Second.

61 Madam Clerk.

62 **Deputy District Clerk Smith:** Councilperson Douglas Lawson?

63 **Board Member Lawson:** Yes.

64 **Deputy District Clerk Smith:** Board Member Julia Botel?

65 **Board Member Botel:** Yes.

66 **Deputy District Clerk Smith:** Board Member Tradrick McCoy?

67 **Board Member McCoy:** Yes.

68 **Deputy District Clerk Smith:** Chairperson Shirley Lanier?

69 **Chairperson Lanier:** Yes.

70 **Deputy District Clerk Smith:** That motion passes.

71 **CONSENT AGENDA**

72 **ANY PERSON WHO WOULD LIKE TO SPEAK ON AN AGENDA ITEM, PLEASE**
73 **COMPLETE A GREEN PUBLIC COMMENT CARD LOCATED AT THE FRONT DESK**
74 **AND GIVE IT TO THE STAFF PRIOR TO THE ITEM BEING TAKEN UP BY THE**
75 **BOARD OF DIRECTORS FOR DISCUSSION. MEMBERS OF THE PUBLIC WILL BE**
76 **GIVEN A TOTAL OF THREE MINUTES TO SPEAK ON ALL ITEMS LISTED ON THE**
77 **CONSENT AGENDA, AND THREE MINUTES TO SPEAK ON EACH REGULAR ITEM.**
78 **THE TIME LIMIT FOR PUBLIC COMMENT MAY BE REDUCED BY A VOTE OF THE**
79 **CITY COUNCIL BASED ON THE VOLUMINOUS NATURE OF PUBLIC COMMENT**
80 **CARDS. IN NO EVENT WILL ANYONE BE ALLOWED TO SUBMIT A COMMENT**
81 **CARD TO SPEAK ON AN AGENDA ITEM AFTER THE RESOLUTION IS READ OR**
82 **ITEM IS CONSIDERED.**

83 **MINUTES**

84 **RESOLUTIONS**

85 **END OF CONSENT AGENDA**

86 **AWARDS AND PRESENTATIONS**

87 **Chairperson Lanier:** As this is a special meeting and there is no Consent Agenda or
88 anything on our Regular Agenda, we will proceed with the reading of the one Item that is on our
89 Agenda.

90 Madam Clerk.

91 **1. Deputy District Clerk Smith:** Yes. Item No., 1.

92 **Deputy District Clerk Smith: SELECTION OF A FIRM TO DESIGN, BUILD**
93 **AND/OR FINANCE A NEW WATER TREATMENT FACILITY IN RESPONSE TO RFQ**
94 **SOLICITATION NUMBER 1039-21-3.**

95 **DIERDRE JACOBS, MPA, ACTING EXECUTIVE DIRECTOR, 561-845-4185**

96 **Vice Chairperson Miller-Anderson:** Madam Chair?

97 **Chairperson Lanier:** Yes. Go ahead.

98 **Vice Chairperson Miller-Anderson:** Can we just let the record reflect that I am virtually
99 until I get there in a few minutes? Because I don't want it to show that I did not vote just a few
100 minutes ago.

101 **Chairperson Lanier:** Very good. So noted.

102 Madam Clerk.

103 **Vice Chairperson Miller-Anderson:** Thank you.

104 **Chairperson Lanier:** Thank you.

105 Ms. Jacobs.

106 **Acting Executive Director Jacobs:** Sure. Thank you, Madam Chair. For the record, my name
107 is Deirdre Jacobs. I'm the Acting Executive Director of the Utility Special District. Good evening,
108 Councilpersons in your respective places, City Manager Evans, City Attorney Wynn, and Interim
109 City Clerk, Mrs. Tawanna Smith.

110 Tonight, we'll be presenting to you, proposals from three different firms that responded to
111 an RFQ that we put out in an effort to construct., design and construct a new water treatment plant
112 for our customers. The RFQ was put out in June of 2021 and we received the responses in July of
113 2021.

114 Of the responses that we received, there were [stammer] a total, sorry, of four. And of
115 those four, there were three that were deemed responsive. Those three firms have been asked to
116 come here this evening to make proposals so that the Board can consider what they., what they
117 are proposing to do with regards to the design and construction of the water treatment plant and

118 for you to be able to listen to them and come up, collectively, with rankings for those three different
119 firms.

120 Those firms that were determined to be responsive were The Haskell Company and CDM
121 Smith, PCL Construction & Carollo Engineers, Kiewit Water Facilities of Florida & Stantec
122 Consulting Services. As a part of this process, the City engaged the professional services of Mr.
123 Colin Groff. Colin is with Black Creek Engineering.

124 He helped us to design the proposal in concert with our previous Procurement Director.
125 And, considering the departure of that Director, the City consulted with and engaged legal services
126 with Mr. Joe Goldstein, who is also here this evening. Those two gentlemen will be a part of the
127 presentation as well, in their capacities, with helping you to understand how to go through those
128 proposals and to rank them, to review them, and what to look for in terms of what we need here
129 for our City with regards to a new water treatment facility.

130 But before we get into those presentations, we asked our lobbyist with, with Alcalde & Fay
131 in Washington, Jeremy Van Aiken [sp]. He's gon' .., he's here electronically. He's gonna come
132 through virtually and provide to you the different financial capabilities that might be.., that we may
133 be able to use to help us to fund this particular water treatment project, that is in terms of, of, of
134 grant opportunities, or even loans that we might be able to get from the state and local government.

135 So, we're gonna start off with his presentation. I believe he's queued up to participate.

136 Do you know if he is, Walter?

137 **Media Team Stephens:** Yes.

138 **Acting Executive Director Jacobs:** He is? Okay.

139 So, we would just ask that you first listen to his presentation with regards to financing, and
140 then we'll start with the presentations. I'll come back up after he's done. And the presentations...
141 each one of those firms have been given an hour in order to make their presentations.

142 So, I would just ask that, as a part of.., once he completes his presentation, as a part of us
143 moving forward, the first group that was selected to make their presentation would be the Kiewit
144 Water Facilities of Florida and Stantec Consulting Services, that you be queued up to come up and
145 make your presentation immediately after that.

146 Thank you.

147 **Board Member McCoy:** Madam Chair?

148 **Chairperson Lanier:** Yes. Go ahead.

149 **Board Member McCoy:** Ms. Jacobs, can you clarify? They're given a hour or thirty-five
150 minutes?

151 **Acting Executive Director Jacobs:** Each one of the.., the entire presentation per firm will be..,
152 will last for approximately an hour. They will be given thirty-five minutes to make their
153 presentations, and then the Board can ask questions for another twenty minutes.

154 **Board Member McCoy:** Okay.

155 **Acting Executive Director Jacobs:** For a total of approximately fifty-five minutes.

156 But, I think I made a mistake because once he.., once Alcalde & Fay makes their
157 presentations, the questions like that, we.., I need to be able to apprise you more specifically. So,
158 Mr. Goldstein and Colin Groff will come up and help to facilitate a way that.., the way that'll be
159 handled in a more specific manner. Okay?

160 Thank you.

161 **Chairperson Lanier:** Thank you.

162 **Mr. M. Kurland:** [Audio breaking up]. Can you all hear me? This.., this is Maurice Kurland
163 with Alcalde & Fay.

164 **Chairperson Lanier:** We can hear you but you are breaking up.

165 **Mr. M. Kurland:** Okay. I apologize for that. Let me see if.., maybe if I close a window or..,
166 maybe that'll help.

167 How about now?

168 **Media Team Stephens:** [Inaudible].

169 **Chairperson Lanier:** He said...

170 **Mr. M. Kurland:** Is that better?

171 **Chairperson Lanier:** He said try...

172 **Vice Chairperson Miller-Anderson:** You're on twice. You're on twice. You have two
173 [audio breaking up] cameras on. I'm sorry, Madam Chair. I can see he's on here twice, that's
174 probably why.

175 **Chairperson Lanier:** Oh okay.

176 **Board Member Botel:** Yeah.

177 And we don't need the vis'.., the visual if you don't mind.

178 **Chairperson Lanier:** Right.

179 **Board Member Botel:** We.., as long as we can hear you.

180 **Chairperson Lanier:** So, maybe if you cut your video part of it off and just have your
181 audio, it'll be fine. It may be better to hear you.

182 **Board Member Botel:** Right.

183 **Mr. M. Kurland:** Can you all hear now? [Audio breaking up].

184 **Board Member Botel:** It's still breaking up.

185 **Mr. M. Kurland:** Breaking up.

186 **Chairperson Lanier:** You might wanna go out and come back in. Sometimes that works.

187 **Mr. M. Kurland:** That's what... I apologize [breaking up] come back in.

188 **Chairperson Lanier:** That's okay.

189 **Acting Executive Director Jacobs:** So, in the interest of time, until he can queue up and you'll
190 be able to hear him, I'm gonna ask that Mr. Colin Groff and Joe Goldstein, in that order, come up
191 and make presentations with helping you to go through the process and learn what it is you'll need
192 to look for in terms of what the presen'..., the presenters are bringing before you. And also, Mr.
193 Goldstein will help you to understand the criteria that we're recommending or suggesting that you
194 use in order to review the proposals.

195 **Mr. M. Kurland:** [Audio breaking up]. I, I have, I have returned. Is the audio much better?
196 [Chuckles]

197 **Chairperson Lanier:** No. You're still breaking up. But we're gonna take another
198 presentation until you can get it together.

199 **Board Member Botel:** [Chuckle].

200 **Mr. M. Kurland:** [Inaudible].

201 **Chairperson Lanier:** So, we'll take one presentation now and... Is he ready?

202 **Media Team Stephens:** Tell him to kill his video.

203 **Chairperson Lanier:** He, he said kill your video.

204 **Mr. M. Kurland:** Okay. I've just done that. What about now?

205 **Chairperson Lanier:** No. It's still breaking up. We're gonna come back to you...

206 **Board Member Botel:** Ask Walter to ask him to just call in.

207 **Chairperson Lanier:** Yeah. You might wanna just call in so that we can hear you better.
208 But let us get to this other presentation first. And then we'll come back to you, sir.

209 Go ahead, Mr. Colin.

210 **Mr. C. Groff:** Alright. Somebody took my clicker. [Chuckle]. Okay.

211 Colin Groff with black Creek Engineering. And I'm really glad to be here to help..., help
212 ya'll. I, I've been here from the beginning, working with your Staff and working with you guys
213 on, on getting this project out. I want..., I'm gonna be very brief. I just wanted to go through just
214 to update everybody on what the project is and what we're doing here tonight.

215 Again, the project goals here is what you're looking for is to produce a high quality
216 drinking water. We wanna construct the supply wells that are necessary for long term use by the
217 customers. We wanna provide a high quality work environment for the Public Works and Utility
218 Staff that's in buildings and things like that. That's part of the project. And we want to encourage
219 our local businesses and citizens in the project.

220 And we wanna..., and, one of the goals was to fund the improvement cost effectively, which
221 is what, hopefully, you'll get a presentation on, on a lot of different funding mechanisms that could
222 be used for this project. So, tho'..., those are the goals that we presented to you about four months
223 ago. And everybody said yes, let's move forward with that project.

224 Just real quick, I wanted to go through the scope because this is what is in the proposals to
225 cover. These are these are the things that the teams should be covering as the scope was, of course,
226 designing and constructing a..., approximately a twelve [inaudible] water treatment facility, located
227 on the City's site that was designated for that.

228 Design and construct new raw water wells.

229 **Chairperson Lanier:** Let me stop you right...

230 **Mr. C. Groff:** Oop.

231 **Chairperson Lanier:** ...there, Mr. Colin.

232 **Mr. C. Groff:** Yes. I will stop.

233 **Chairperson Lanier:** Clerk, Clerk could you recognizes that the Mayor is at the dais.

234 **Ex officio Board Member Mayor Felder:** Thank you.

235 **Mr. C. Groff:** Okay. I saw him coming and I was gonna stop. [Chuckle]. Good to see
236 you.

237 So, to do the raw water and the wells to provide the supply for the new water plant, to
238 expand the supply which is going to be needed for the growth that's going to come. A distribution
239 system improvements to make sure the, the high quality water the plant will preve'..., produce, will
240 get to the customers in the right place.

241 You know, there's some buildings that need to be constructed for Utility Administration,
242 Utility operations, and a Public Works facility, which is needed by the City. And then, of course,
243 a full site development plant.

244 So that's the scope of the project, and that's what, that's what you're gonna pick a team
245 tonight to handle through this project.

246 So, one of the things we did is, is we put together a qualification criteria. And I just wanted
247 to go through these real quick. And these are the things you're gonna be evaluating the teams on.
248 And, Mr. Goldstein will explain a little bit better about how..., some of the methods you can use to
249 do that.

250 But, one of the things you're gonna be looking at is the team's experience in designing and
251 constructing water facilities. So, you're gonna be comparing the teams to each other on their
252 abil'..., their experience in doing these types of projects. And you're also gonna be looking at the
253 project professionals they present. These are the key people in their firms, they're gonna be
254 working on your project. And what is their experience? What's their background?

255 You're gonna be looking at financial capabilities. 'Cause one of the things we did ask, we
256 asked for these teams to bring some financial ideas to the table. Again, tonight is not the night
257 they're gonna be presenting what you can do, but it's just, you know, what can they do and what
258 can they offer.

259 The next phase, once we have a contract in place is when you really start talking about
260 finances. So that's not..., we're not quite there yet. So..., but, but you'll be reviewing and looking
261 at what they offer there.

262 And then, project development and execution management plan. What that means is, how
263 are they gonna deliver the project? And you're gonna be reviewing how they say they're gonna
264 deliver the project. And, and kind of [stammer] appointing a score to, or, or something to how
265 they're gonna deliver the project to you, to find the best team for you.

266 Also, if there's any [stammer] innovative ideas to decrease the timeframe. Because we
267 know this is an important project to the City. It needs to be done as fast as possible to get water
268 to the customers as fast as possible. So, what are, what are their ideas? You're gonna be looking
269 at that and evaluating that.

270 And then, we also had a, a local vendor preference in the, in the RFQ for scoring to short
271 list. That was just for, for shortlisting purposes, but it's something that each team should address.
272 It's, it's, it's in the proposal, they should be addressing it. And that's something you can evaluate.

273 So these are the things you're gonna be looking at, as the teams present their proposals.
274 And you're gonna be putting some value to each one of those. And at the end, you're gonna, you
275 know, discuss and then select the team to negotiate a Phase 1 contract with.

276 **Board Member McCoy:** Madam Chair?

277 **Chairperson Lanier:** Yes. Go ahead.

278 **Board Member McCoy:** Thank you.

279 Mr. Colin, I just wanna clarify. So, you stated that the local vendor preference was to
280 shortlist, but then you just also said that we're gonna put a value to it. Seems like you're saying
281 opposite things.

282 Can you clarify?

283 **Mr. C. Groff:** Yes.

284 The score... And, I'll [stammer].., Mr. Goldstein will answer that a little bit clearer or
285 better than me, most likely, but I'll, I'll give you my answer. The scoring that you saw in the
286 proposals was for the shortlisting. The information they provide is for you to use in your evaluation
287 of the team. And you can choose how you use that. So, the answer is, to both, yes. There was a
288 score for the shortlisting, and then there is information in there for you to use in your evaluation
289 of the teams.

290 Does that make sense? Or did I make it even...

291 **Board Member McCoy:** Sir...

292 **Mr. C. Groff:** ...un'..., unclear?

293 **Board Member McCoy:** Well, I'm not sure about them, but it doesn't make sense. So, are
294 we using the scoring matrix that's in the RFQ?

295 **Mr. C. Groff:** I...

296 **Board Member McCoy:** Or, are..., am I supposed to use...

297 **Mr. C. Groff:** Yeah.

298 **Board Member McCoy:** ...some other...

299 **Mr. C. Groff:** So, can we...

300 **Board Member McCoy:** ...[stammer]....

301 **Mr. C. Groff:** Can we hold that question 'til Mr. Goldstein gives his presentation? 'Cause
302 he's gonna answer that question.

303 **Board Member McCoy:** Okay.

304 **Mr. C. Groff:** Is that okay?

305 I mean, I'll try to answer it but he's better to answer that.

306 **Board Member McCoy:** Okay.

307 **Mr. C. Groff:** So, I'm gonna turn it over to Mr. Goldstein, and then I can come back if it...,
308 if I didn't make..., if it's not clear yet and I., we can try to answer it again.

309 **Board Member McCoy:** Okay.

310 **Chairperson Lanier:** Yeah.

311 **Mr. C. Groff:** If that's okay.

312 **Chairperson Lanier:** That's fine.

313 **Mr. J. Goldstein:** Madam Chair, Vice Chair, Board Members and City Staff. My name is Joe
314 Goldstein. I'm your outside special counsel to help you with this procurement. I'm an attorney
315 with the law firm of Shutts & Bowen.

316 So, what, what I'm gonna do is give you a brief., a, a, a short, brief kind of legal overview
317 of what the process is tonight. And then answer any of your questions.

318 Just to remind [stammer] yourselves and the audience that, from the issuance of your
319 solicitation for this procurement, you have in place a Cone of Silence. So, for most of you are
320 aware of what that means, that means none of the three proposers here have had the ability to talk
321 to any of you or any of your Staff. And tonight is that one opportunity for them to have that. And
322 that'll continue until you make a, a final recommendation here. So, I wanted to point that out.

323 The, the other thing for everyone to understand is, this is a procurement under the
324 Competitive Consultants Negotiations Act. 'Cause we're looking for professional services. And
325 what makes that a little bit different than maybe your normal procurement for goods or services,
326 is your making your decision based solely on qualifications. Qualifications broadly.

327 But you're not taking into account their hourly rates, their pricing. That's what your Staff
328 will do after you rank them one, two, and three. Then, they will., your Staff will commence
329 negotiations and they'll negotiate pricing.

330 And, in fact, one of the things that the City has done, or the Special District has done, is
331 they've set this up as a progressive design-build, which will ensure for the residents and., of, of
332 the City and the Special District, that you'll get, you'll get very good pricing and accurate pricing
333 down the road. But that is not for today.

334 Today is a qualifications based procurement under the CCNA statute. And, as Dierdre,
335 Ms. Jacobs said earlier, this was going to be a two step process, whereas, first, Staff was going to
336 evaluate, through a selection committee and, and, and narrow it down to three vendors. But we
337 only got four vendors, and one of those vendors was nonresponsive because they did not submit
338 an offer that complied with the material terms of the, the solicitation document. They were not
339 capable of providing all the design services. It was more of a very limited, which they called it a
340 supplemental proposal.

341 So, what we're left here now is your final three vendors. So, we've skipped to step two.
342 And step two, under the CCNA, you're gonna require these public presentations regarding their

343 qualifications, their approach to the project and the ability to furnish the required services. So,
344 those are the three general categories that we talk about under the statute. Their qualifications,
345 their approach to the project, and their ability to furnish the required services.

346 The statute actually lists a, a number of factors. And what I'm gonna do is, I'm gonna read
347 those factors in the statute, and then I'm gonna look to your RFP and, and, and trace those to that.
348 But I just want you all to understand.., and those three general areas of qualifications, approach to
349 the project, and ability to furnish the required services.

350 Here's the general things that the statutes allows you to consider in your decision and how
351 you're going to rank these three perspective vendors. Ability of the professional personnel,
352 whether a firm is a certified minority business enterprise, their past performance, their willingness
353 to meet time and budget requirements, their location, their recent and current and projected work
354 loads of each of the firms, and the volume of work previously awarded to each firm by the, the
355 District with the object of effecting an equitable distribution of contracts among qualified firms
356 provided such distribution does not violate the principle of selection of the most highly qualified
357 firms.

358 So again, those are some specifics relating to the general issue of qualifications, approach
359 to the project... Let me... There. Approach to the project and ability to furnish required services.

360 There was a question.., so, in, in, in the solicitation document, the vendors all organized
361 their proposals according to those tabs. So, each of you have seen the solicitation and you've had
362 a chance to have the physical proposals, of course. And if you look to what we were going to do
363 for shortlisting, is the things that I kind of read generally from the statute, they're essentially
364 captured in our suggested scoring of project criteria.

365 And so, we have, under Tab 3, we have organization and team information. Tab 4, we
366 have team project experience. Tab 5, we have financial capability, viability, and plan. And again,
367 that's the financial capability of these entities. It's not their actual cost of what they're gonna do
368 for this project. It's their general financial capability.

369 Project innovation, development, and management plan, local vendor preference, and then
370 that was to be scored. That was, while it was in the solicitation document to get to shortlisting,
371 what I'm suggesting to you in making your decision tonight as to who is the most qualified. I
372 mean, we, we all know the names of the three proposers out there, and they're all generally well-
373 qualified, highly regarded firms. And you're.., we're fortunate to have such three wonderful teams
374 proposing for this job.

375 But, in deciding who is the most qualified, what I'm suggesting to you is, you don't need
376 to use the scoring mechanism because it's your job to rank those vendors. But what I'm suggesting
377 you do, because this is what you advised these entities as to let's say the level of importance to, to
378 what the District felt.

379 And so, what I suggest to you while you're making your decisions, that you keep those..,
380 not only those criteria in mind, but you keep in those, what we said originally, at least for
381 shortlisting, the degree or relative importance of them. You're not bound by that. You do not
382 have to score the vendors. But what I'm suggesting to you, that's what you told them was

383 important to you, at least for shortlisting. And so, I think you should give it some consideration
384 in your deliberations.

385 But again, I'm not suggesting in any way, that you do any scoring because we did not say
386 that we were going to score. What we said in the solicitation document, and I'll read this, and then
387 I'll take your... I'll, I'll give you two suggestions.

388 So, what we said was we were going to ask for oral presentations to provide the proposers
389 with an opportunity to share their vision, experience, capability, and expertise with the Board to
390 reach a final ranking. Based upon a review of the presentations and proposals, the Board will rank
391 proposers to allow City Staff to begin negotiating an interim agreement and/or comprehensive
392 agreement.

393 So, it, it..., my suggestion to you this evening, is you, you listen to the oral presentations,
394 you ask your questions and you get your answers. You have your con'..., Colin here to, to help you
395 if there's any technical issues that you think that he could help you. He's not going to give you
396 his opinion on any of the vendors, but he can help you with those technical questions.

397 And then, I think there's two ways you can do this, I believe, among others probably. So,
398 but, the two are, you all can act like a traditional selection committee and you can actually, you
399 know, each of you will assign a one or a two or a three to each of the vendors, and we'll see how
400 that comes out.

401 Or, you could go through a collaborative process of just discussion and then someone make
402 a motion, 'I believe that vendor one should be ranked number, vendor two... I think those are two
403 reasonable ways for you all to do this. And either one would be acceptable. You could even go
404 to scoring if you wanted. But, like I said, we didn't contemplate that the final ranking would be
405 the specific scores.

406 But I think those other two ways are..., are, are two ways that you should talk amongst
407 yourselves to decide how you wanna do that. Or, or come up with something else, as long it's
408 reasonable and based on the general qualifications that I read to you from the statue, and which we
409 kind of captured in our solicitation document. And, and you see up there, the categories on the
410 screen.

411 So with that, I'm done. If there's any questions now or later, I'll be glad to answer them.
412 And, and thank you for the opportunity to work with you guys on this one.

413 **Chairperson Lanier:** Thank you.

414 Are there any questions from the Board in regards to this presentation?

415 **Board Member McCoy:** Yes, Madam Chair.

416 **Chairperson Lanier:** Go ahead.

417 **Board Member McCoy:** So, with, with that direction that we've gotten, should we decide
418 before we hear the presentations, as to the method of us selecting?

419 **Chairperson Lanier:** I think that the methods that were suggested in terms of ranking, in
420 terms of scoring, I think it was left up to us. If we want to do it as a Board, we can but I think that
421 what they're asking us from tonight is just a one, two, three ranking from the presenters. How you
422 get to one, two, three is up to you.

423 I don't think that we should be locked into a specific way in which..., how we individually
424 rank or look at these firms.

425 **Board Member Botel:** Madam Chair?

426 **Chairperson Lanier:** Yes. Go ahead.

427 **Board Member Botel:** I think, perhaps, the intent of that question, if I might was to say
428 should we rank them one, two, three individually and then have a conversation? Or, should we
429 have a conversation and out of that conversation might come an apparent first, second, or third.

430 Was that the nature of your question?

431 **Board Member McCoy:** No, no.

432 And if I can clarify, Madam Chair?

433 **Chairperson Lanier:** Go ahead.

434 **Board Member McCoy:** He proposed two solutions. Or, he gave us two options. One is to
435 do a ranking. Not a scoring, a ranking. Ranking one, two, or three. And then the second one, I
436 believe, he offered that any Member can make a motion to select whoever that vendor is.

437 So, I'm suggesting, should we go ahead and determine the rules of engagement before we
438 hear the presentations? And if we're gonna chose the ranking method or, or some Member offering
439 a motion?

440 And I would hope that, I guess, in the spirit of fairness, that we set forth what that looks
441 like before we hear the presentations.

442 **Chairperson Lanier:** Go ahead.

443 **Board Member Botel:** And, and, it, it seems to me that it would be most efficient, at least,
444 if we each ranked, and then we might be done in no time. [Chuckle]. Because we might come to
445 some consensus about which is first, which is second, which is third.

446 So, if I had to be the one to choose, that would be what I would say. That we should each
447 individually, independently rank the three firms and then disclose what that ranking is and see if
448 we have somebody who comes out ahead.

449 **Board Member McCoy:** That, that...

450 **Chairperson Lanier:** I, I like that way as well.

451 Mr. McCoy.

452 **Board Member McCoy:** Yeah. I like that.

453 **Chairperson Lanier:** Alright. Very good.

454 That's the way we'll proceed.

455 **Board Member McCoy:** Well, Madam Chair?

456 So, if that's the direction we're gonna go, can we have Staff to prepare some ballots?

457 **Chairperson Lanier:** I don't think that we can have any ballots that would not be privy to
458 the public.

459 **Board Member McCoy:** Right.

460 But, when we... Right. It will certainly be privy to the public, but if you're gonna record
461 your rankings, I think there should be something written.

462 **Chairperson Lanier:** Okay. We can do that.

463 **Board Member McCoy:** Because, what I don't... Well... And I., not that I'm suggesting
464 that this will occur, is that if.., let's just use the Mayor, for example because I know he doesn't
465 really have a, a role in this, but if the Mayor goes first and he says I chose, you know, A, B, C firm
466 to be number one, I don't want that to then tank my position. I want.., I was hoping that we can
467 all write it down and then submit it down to the Clerk and.., with our names on it. That way, you
468 know, there's no impairment, or possible impairment, or perception of impairment.

469 **Chairperson Lanier:** That's fine. We...

470 **Board Member Botel:** I like that method.

471 **Chairperson Lanier:** Go ahead.

472 **Board Member Botel:** I like that. I agree with that.

473 **Chairperson Lanier:** Yeah. Yeah. We can write the rankings down, send that to the Clerk
474 and then she can read what the rankings are.

475 **Board Member McCoy:** Sorry, Mayor.

476 **Board Member Botel:** On the other hand, I refuse to waste another piece of paper. So,
477 therefore, if you would take the first sheet out, or the final sheet and just write it on the back of
478 that piece of paper and pass it along, that would be my preference.

479 **City Manager Evans:** Ma' .., Madam Chair, if I may?

480 **Chairperson Lanier:** Go ahead, sir.

481 **City Manager Evans:** With respect to the ranking, what I would recommend, and I think
482 is actually called out for in the statute is, that you would have two pieces of paper. So, you would
483 provide your ranking to Staff but you need to verbally announce, publicly, who is your number
484 one, number two, number three ranked firm. And then the Clerk will verify that information. So,
485 we can look to create two pieces of paper that you can rank and then sign at the bottom and we'd
486 submit those, and then you will provide your ranking. And then, we will confirm the...

487 **Board Member McCoy:** Yeah. I...

488 **City Manager Evans:** ...information.

489 **Board Member McCoy:** ...would hate to go back to what I just seen over the last two weeks
490 in a recount. So that sounds pretty good.

491 **Board Member Botel:** [Chuckle].

492 [Chuckles].

493 **Board Member Botel:** There's a five vote difference.

494 **Chairperson Lanier:** Alright. Very good.

495 We'll proceed in that manner.

496 Ms. Jacobs, where are we going next?

497 **Mr. M. Kurland:** If...

498 **Acting Executive Director Jacobs:** Deirdre Jacobs again.

499 It's my understanding...

500 **Mr. M. Kurland:** Ms. Jacobs? [Stammer]...

501 **Acting Executive Director Jacobs:** Yes.

502 **Mr. M. Kurland:** This is Mr. Kurland. Can you all hear me...

503 **Vice Chairperson Miller-Anderson:** Oh...

504 **Mr. M. Kurland:** ...from Washington, D.C.?

505 **Vice Chairperson Miller-Anderson:** Yes.

506 **Chairperson Lanier:** Perfect timing.

507 **Acting Executive Director Jacobs:** Yes.

508 **Board Member Botel:** Loud and clear.

509 **Acting Executive Director Jacobs:** I was about to.., I just spoke to Walter and he did let me know
510 that you were on the line. So, if we could go ahead...

511 **Chairperson Lanier:** Okay.

512 **Acting Executive Director Jacobs:** ...and do that first.

513 **Chairperson Lanier:** Yes.

514 **Acting Executive Director Jacobs:** And then we'll do.., start with the presentations.

515 But I also wanted to let the firms know that, as we do the presentations, when you're not
516 presenting, we ask that you move to, to the room next door. We have a room next door for any
517 group that's not making a presentation.

518 Thank you.

519 **City Manager Evans:** Madam Chair, if I may?

520 **Chairperson Lanier:** Yes. Go ahead, sir.

521 **City Manager Evans:** And, and just to repeat what Ms. Jacobs said because the audio
522 didn't pick up 'cause she turned her head away from the microphone.

523 For, for those folks that are presenting, we ask for you to remain in the room. Those that
524 are not presenting, we ask that you move into the overflow room and allow for the teams to have
525 privacy. So, anyone affiliated with your team, we ask that you provide the courtesy. Once the
526 Board is completed and has gone through all three presentations, we will ask for the teams to be
527 able to come back in and to hear the discussion and deliberation that the Board would have.

528 **Chairperson Lanier:** Very good.

529 You can go ahead, sir, who's on the line.

530 **Mr. M. Kurland:** Yes. Good evening, Madam Chairwoman, Mayor, Commissioners. This is
531 Maurice Kurland, calling from Washington, D.C. with the lobbying from Alcalde & Fay. I
532 appreciate the opportunity to discuss some of the federal funding alternatives as you all are
533 examining your options moving forward for your water treatment plant.

534 So, I, just at the outset, I would say this. I've had some preliminary communication, of
535 course, with your City management. And, just [audio breaking up]. Can you all hear me?

536 **Board Member Botel:** Yes.

537 **Chairperson Lanier:** Yes.

538 **Mr. M. Kurland:** And just to.., as a pre'.., as a preview as to what I was going to speak about
539 this evening and... And so, we are in opportunistic times, is what I would say. First of all, with

540 the passage back in March of the American Rescue Plan and the allocations to every community
541 across the country, Riviera Beach being one of them.

542 You all received an allocation. Fifty percent of that is available. That law specifically said
543 that the funds could be utilized for water and water infrastructure, and, and other items. But,
544 certainly, the City could prioritize your water infrastructure using those dollars. And, as I
545 confirmed with Mr. Evans earlier this afternoon, that was approximately \$17 million that the City
546 received through the Department of Treasury. And, of course, fifty percent of that became
547 available this year. The remainder will be available next year.

548 So, you know, that, that was one source, of course, which can be tapped towards those
549 items.

550 The other, the other thing that I know is of great interest to you all of you, is the recent
551 passage of the Infrastructure Investment and Jobs Act. More commonly known here in
552 Washington, is the bipartisan infrastructure package, with a bipartisan infrastructure deal. This
553 passed, as you all know, and we reported about a week and a half ago, was a \$1.2 TT bill.

554 That includes infrastr'..., funding for infrastructure across four major areas. Transportation
555 being one of them. Broadband being another. Electric vehicle charging and batteries, another.
556 And water infrastructure. And, the component of the wa'..., of the water infrastructure, I will just
557 say this, transportation that was included in that bill is covering the five year period. So, that was
558 somewhere in the neighborhood of about \$500 BB of that \$1.2 TT bill.

559 And then there was a whole range of other large amounts that were made available. But
560 specifically, for water infrastructure, \$55 BB was included in that bill. And those dollars will be
561 coming down...

562 **Chairperson Lanier:** Sir, could you hold on...

563 **Mr. M. Kurland:** [Inaudible].

564 **Chairperson Lanier:** ...one second. It's..., I'm, I'm getting woozy with this background
565 noise that you have going on. It's really hard to hear because of that.

566 Walter, is there anything that we can do to clear up that background noise?

567 **Media Team Stephens:** [Inaudible].

568 **Chairperson Lanier:** He may have to do that because it's very... I mean, I can hear him
569 but it's, it's, it's... I want everyone to be able to hear him.

570 [Inaudible dais comment]

571 **Mr. M. Kurland:** I'm gonna take the video off and see if that helps.

572 [Inaudible dais comment]

573 **Mr. M. Kurland:** Is this a little bit better?

574 **Chairperson Lanier:** What's happening, sir, is that the person who's on the Zoom call
575 says that you are logged in twice. You might wanna get rid of one of those access numbers.

576 **Board Member Botel:** Or just call in. We don't have to see him.

577 **Mr. M. Kurland:** I...

578 **Chairperson Lanier:** How do you wanna proceed?

579 **Mr. M. Kurland:** [Audio breaking up]. I'm gonna., I'm gonna... I am only, I am only linked
580 on through one., through a phone here. Is that better?

581 **Chairperson Lanier:** No. Just...

582 **Mr. M. Kurland:** Yeah. I don't know...

583 **Chairperson Lanier:** What you can do is, there's a, there's a., the Media Specialist, and
584 there's a number that is associated when they sent you the invite. Could you just call that number?

585 **Mr. M. Kurland:** Yes.

586 **Chairperson Lanier:** Thank you so much.

587 **Mr. M. Kurland:** Yes. I apologize for these technical issues.

588 Thank you.

589 **Chairperson Lanier:** Thank you.

590 Could you please recognize that Councilwoman KaShamba Miller-Anderson is on the dais,
591 Madam Clerk?

592 **Deputy District Clerk Smith:** Yes.

593 Let the record reflect that Board Member Miller-Anderson is present. And also, *ex officio*
594 Board Member Ronnie Felder.

595 **Board Member Lawson:** Madam Chair?

596 **Chairperson Lanier:** Yes. Go ahead.

597 **Board Member Lawson:** At what point will we be taking public comments?

598 **Chairperson Lanier:** 7:30. We will have probably one presentation, and then we can go
599 into public comment between that. If., because that is something that is time certain.

600 **Board Member Lawson:** Thank you, Madam Chair.

601 **City Manager Evans:** Madam Chair, if I may?

602 **Chairperson Lanier:** Go ahead.

603 **City Manager Evans:** With respect to your public comments, your general public
604 comments at 7:30, but also prior to the Board taking any official action, you will also need to
605 provide public comment.

606 So, that will be something that it would most likely be at the conclusion of the
607 presentation...

608 **Chairperson Lanier:** Right.

609 **City Manager Evans:** ...and the Q&A session before the Board gets into general
610 discussions and deliberations concerning the ma' .., matter before you this evening.

611 **Chairperson Lanier:** Yes. Very good.

612 So, we'll have public comment after.., about, specifically about the presentations. And
613 then we'll have general public comment after that.

614 **Board Member McCoy:** Madam Chair, I didn't know time certain public comments applied
615 to USD. I thought that was only the City Council?

616 **Board Member Lawson:** Yeah.

617 **Board Member McCoy:** And I'm looking at a...

618 **Chairperson Lanier:** Does it apply to what now?

619 **Board Member McCoy:** It doesn't apply to USD. It only applies to City Council.

620 **Chairperson Lanier:** They do have a time certain as well.

621 **Board Member McCoy:** Okay. Well, I'm looking at the Agenda and...

622 **District Attorney Wynn:** Yeah.

623 **Board Member McCoy:** ...we don't usually sit in a USD meeting that's at 7:30. So...

624 **District Attorney Wynn:** It's says 5:45 on the Agenda...

625 **Mr. M. Kurland:** Can you all, can you all...

626 **District Attorney Wynn:** ...Madam Chair.

627 **Mr. M. Kurland:** Can you all hear me now?

628 **Chairperson Lanier:** Yeah. We can hear you.

629 Go ahead...

630 **Mr. M. Kurland:** Is the, is the...

631 **Chairperson Lanier:** ...and proceed. Let's see...

632 **Mr. M. Kurland:** ...technical much better? This is Maur'..., Mr. Kurland again.

633 **Chairperson Lanier:** Oh my. That sounds worse.

634 **Mr. M. Kurland:** Is that better? Or worse?

635 **Board Member Botel:** Worse.

636 **Chairperson Lanier:** Yeah.

637 That's...

638 **Board Member McCoy:** But...

639 **Chairperson Lanier:** ...a, a little worse.

640 **Board Member McCoy:** Madam Chair?

641 So, for where we're going now. I mean, is it..., is it really necessary, what he's gonna
642 present, going to have any bearing on the presentations or the decision that we're gonna make? Or
643 was that just for informational purposes? Mr. Evans?

644 **City Manager Evans:** Madam Chair, if I may?

645 **Chairperson Lanier:** Yes. Go ahead.

646 **City Manager Evans:** The intent behind the presentation was to inform the Board,
647 obviously, with the legislation that just was recently executed by President Biden, the \$1.2 TT,
648 was to inform you that there are some other tranches and availability of monies that can assist in
649 funding this particular project. And we did want the Board to know that we are going to look at
650 ways to obviously buy down the cost associated with this and explore grants and favorable lease
651 and loan terms.

652 And so, we just wanted to share with you some of the things associated with that particular
653 bill. But that is not going to be a, a subject of your discussion. It's a component, but we did want
654 you to hear from your lobbyist as it relates to what's occurring. So, that was intended to be a five
655 to, to ten minute presentation on that particular matter. And then..., and then to move into
656 subsequent conversations with the first..., the proposed team.

657 So, in, in, in a nutshell, that's what the presentation was going to, to cover.

658 [Inaudible comment]

659 **Chairperson Lanier:** Okay.

660 **Mr. M. Kurland:** And what I, what I.., what I can do, I know the audio is not good but what I
661 can do is I can provide a, a quick memo that should be distributed to all of you, about, about, about
662 the availability funding.

663 **Chairperson Lanier:** I have no...

664 **Mr. M. Kurland:** And that will summarize...

665 **Chairperson Lanier:** ...idea what you're saying.

666 **Board Member Lawson:** Ma'..., Madam Chair? [Chuckle].

667 **Chairperson Lanier:** Yeah.

668 But how, how long you think you can get this because we have to... You're ready?

669 [Inaudible comment]

670 **Chairperson Lanier:** First it was one, now it's two.

671 [Inaudible comment]

672 **Chairperson Lanier:** [Chuckle].

673 In the interest of the Board, what do you think, we want to hear this presentation or, or
674 should we move on?

675 **Board Member Lawson:** Madam Chair?

676 **Board Member Botel:** I think we...

677 **Board Member Lawson:** I recommend...

678 **Board Member Botel:** ...should move on.

679 **Board Member Lawson:** ...we just proceed with the presentations.

680 **Chairperson Lanier:** Okay.

681 **Board Member Lawson:** We can put this on the Agenda Item for the near future, in regards
682 to the finance. Tonight, we're just selecting a firm.

683 **City Manager Evans:** Yeah.

684 **Board Member Lawson:** We can come back with this and possibly, when we have less
685 technical difficulties...

686 **Chairperson Lanier:** That's the pleasure of the Board?

687 **Board Member Botel:** I agree.

688 **Board Member McCoy:** Yes.

689 **Chairperson Lanier:** Okay. Very good.

690 Ms. Jacobs, we can put that on the Agenda for our next Utility District meeting. Could you
691 please...

692 **City Manager Evans:** Ma' .., Madam Chair, if I may?

693 I'll, I'll provide some comments in regards to that in my City Manager updates at
694 tomorrow's meeting. So, I'll have the memo and then provide you some general comments as it
695 relates to what was gonna be presented this evening.

696 **Chairperson Lanier:** Okay.

697 **Board Member Lawson:** Thank you.

698 **Chairperson Lanier:** Thank you.

699 Ms. Jacobs.

700 **Acting Executive Director Jacobs:** Thank you, Madam Chair.

701 So, we'll go ahead and proceed with the presentations. The companies that will be
702 presenting tonight again are Kiewit Water Facilities of Florida and Stantec Consulting Services,
703 PCL Construction and Carollo Engineers, the Haskell Company and CDM Smith. And we'll.., we
704 will start with Kiewit Water Facilities of Florida and Stantec Consulting Services. And I would
705 ask that the remaining firms, if you would exit and remain in the room until I come and get you
706 for your presentations.

707 Thank you.

708 Also, the City Clerk is responsible for making sure that the time limits are monitored.

709 Thank you.

710 **Chairperson Lanier:** Okay.

711 Are we ready, Madam Clerk?

712 **Deputy District Clerk Smith:** Yes.

713 And I'll give you a two minute warning as well.

714 **Chairperson Lanier:** Very good.

715 **Board Member McCoy:** Madam Chair?

716 **Chairperson Lanier:** Yes, sir.

717 **Board Member McCoy:** And this is the two minutes on the thirty-five minutes, right?

718 **Deputy District Clerk Smith:** Yes.

719 I'll let them know when there's two minutes left on the thirty-five.

720 **Board Member McCoy:** Okay.

721 **Chairperson Lanier:** Very good.

722 Proceed, ma'am.

723 **Ms. A. McNeill:** Can I have a minute?

724 **Chairperson Lanier:** Yes.

725 **Ms. A. McNeill:** Thank you so much.

726 Good evening. My name is Ann McNeill and I am the master builder, helping you to build
727 a stronger and better life, business, and water Utility. Born and raised here in Riviera Beach, I'm
728 very excited to have helped pull together this team, with Kiewit, Stantec in response to your RFQ
729 to design-build finance of this new water treatment facility and infrastructure. Next slide.

730 My desire is to encourage you to Reimagine Riviera Beach. Phenomenal, phenomenal
731 tagline. As you reimagine your vision for the City, as you think about having sustainable, safe
732 drinking water... Next slide.

733 And, creating a place in which to live, work, and play. As a person who has dedicated
734 really a long commitment to encourage, improve and help support the vision of the City. I started
735 this podcast called, hashtag I am Riviera Beach. Because I am Riviera Beach. And when I think
736 about the vision of the City, and having an opportunity to bring back so many people that have
737 helped to impact the City, being awarded this project with Kaufman Lynn, which you see on the
738 right.

739 This is another example of the fact that we've already started impacting in a positive way,
740 the vision of the City. Next slide, please.

741 And with that, I'd like to introduce you to our man of the hour, Tony.

742 Thank you.

743 **Mr. T. Joyce:** Thank you.

744 Good evening. I'm Kiewilt's Project Executive. It'll be my role to ensure that the job team
745 here has all the resources of the Kiewilt Company's at their disposal to come and execute your
746 project.

747 I will also be providing guidance. I've had the very good fortune in my career to have
748 always seen over a billion dollars worth of progressive design-built water projects. Half of that
749 experience has come partnered with Stantec, our proposed design engineer. The other half of that
750 experience has come with IDE, our water technologies expert. In a second, I'm gonna share with
751 you a couple of projects that emphasize our experience doing this kind of work, similar work to
752 this project in Riviera Beach.

753 Just a quick housekeeping thing, we talked about the tabs from the proposal. You'll see
754 the yellow in the top left hand corner there, that addresses the tabs in the same format that we went
755 through in our proposal, just so you can kind of track along on what we're talking to. In this
756 particular instance, we combine tabs 3 and 4, just to help the flow of our presentation here.

757 So, the first project I'd like to highlight is the [stammer] San Fernando Water Treatment
758 Facility. This is a \$457 MM progressive design-build project that Kiewilt and Stantec are
759 completing currently. This is pulling groundwater, treating it and turning it into potable water.
760 Very similar to the Riviera Beach project.

761 The second project is a Carlsbad seawater desalination project. This is a \$590 million
762 progressive design-build project that was designed and built in just three years. In this instance,
763 we partnered with IDE to get this done. Something we're very proud of, about this project, is that
764 it's the only water project to have ever won the Design-Build Institute of America's overall
765 national project of the year.

766 Now, why is that important to Rivera Beach? Well, because that's the same kind of award
767 winning performance we expect from our team here, and we're gonna provide you with a project
768 you can be very proud of.

769 Having been the project director on both of these projects, I've learned one or two things
770 about what it takes to be very successful doing this kind of face paced, complex work. And I
771 wanted to share one or two of these with you.

772 The first thing it takes is a fully qualified team. Or, as I like to say, if you wanna win
773 Oscar's, you gotta bring A-list actors. The first of our actors is Kiewilt. Kiewilt is the largest
774 design-build company in the nation, by revenue. Eighty percent of our revenue comes from repeat
775 customers, who appreciate the value that we bring and getting work done on time, on budget, high
776 quality craftsmanship, and doing it very safely.

777 The next member of our team here is Stantec. Stantec is one of the largest engineering
778 companies in North America. They have over eighteen thousand employees. Why is that
779 important here? Well, in today's resource strapped environment, it's essential that we have enough
780 resources to complete the design for this project on time, with the fast pace that we need to move.

781 Third, we have IDE. IDE is recognized globally as one of the leading entities in producing
782 low cost water solutions.

783 And then, [inaudible] with our team is the local community. It's absolutely imperative,
784 when building these kinds of projects, that we partner and integrate into our team, local vendors,
785 local craftsmen and women, and the local community as a whole. If we wanna meet our budget
786 requirements here, and as well as our stewardship goals for the local community, we have to
787 integrate them into every part of this type of a project.

788 The two projects that we show on the bottom there, R.M. Clayton. That one's a great
789 example of us meeting our local and small business goals on another award winning project. In
790 this particular case, we exceeded our thirty percent goal.

791 The other project, the PCCP pump station, this is a project that we built with Stantec, a
792 \$700 million design-build project in the aftermath of Hurricane Katrina. On that project, we had
793 to hire hundreds of local craftsmen and women and put them through our very detailed training
794 process. And, at the end of that project, we were very proud to have helped that community out
795 of that situation and trained lots of local folks in the process. Next slide please.

796 So here at Riviera Beach, if you choose the Kiewit Stantec team, you're also choosing all
797 of our local partners. All of these team members are on our team right now and you'll be selecting
798 them when you select us.

799 The last thing I wanna say here, about the keys to success, is that it really takes a one project
800 team approach. Stakeholders have to be working together for what's right and what's best for
801 Riviera Beach. That has to be at the forefront of every decision that gets made.

802 In our presentation that we'...', you're gonna see now, you'll see elements of that throughout,
803 whether it be our own unbiased approach to financing the project and trying to get to a decision
804 that's best for Riviera Beach or our approach to the community, always Riviera Beach first.

805 With that, I'll hand you over to Jim.

806 **Mr. J. Goyer:** Good evening. I'm Jim Goyer. I'll be your Project Manager, and single
807 point of contact for your project. I'll be available one hundred percent of the time. And, these fast
808 track projects always come with challenges. I have over \$900 million of alternative delivery
809 experience that I'll utilize to deliver your project.

810 Hal.

811 **Mr. H. Schmidt:** Good evening. I'm Hal Schmidt, and I'll be your Design Manager. I was
812 born and raised in Florida and I've got forty years of experience in the Water Utility industry and
813 over \$1.2 billion worth of alternative [stammer] design-build experience. I've also worked with
814 Kiewit on the two largest water plants in the southeastern United States. This one pictured here
815 is the City of Atlanta's Chattahoochee Water Treatment Plant.

816 Angel.

817 **Ms. A. Gardner:** Good evening. My name is Angel Gardner and I'm with the [inaudible]
818 Group. I will be leading the public involvement and community outreach effort on this project. A
819 little background about me, I've been living in Palm Beach County for twenty years. I'm a for'...

820 former South Florida Sun-Sentinel reporter. I worked for the newspaper for about twelve years,
821 ten years of that covering transportation.

822 Currently, I'm leading some major infrastructure projects., construction projects in the
823 area, and you can see those listed there. So I have a lot of experience on major infrastructure
824 projects as you can see. And here's what I know. Early, consistent and transparent communication
825 is gonna be key to the success of this project. And I look forward to bringing that, that engagement
826 to the City.

827 Thank you. Catrina.

828 **Ms. C. Gunn:** Hi everyone. I'm Catrina Gunn. I'll be working on pl'..., start up and
829 commissioning. And I'm something of a unicorn in in this industry. I'm a licensed plant operator,
830 as well as a professional engineer. So, what that means is that not only do I know how the plant
831 and processes work, but I can also maintain and operate a plant. And I look forward to working
832 with your operations Staff and explaining that to them when we begin plant startup.

833 David.

834 **Mr. D. Urquhart:** Hello. I'm David Urquhart. I'll be the Site Superintendent. I'm a South
835 Florida resident as well. I've been so for twenty years. I live here with my wife and I have four
836 grown children. Three of them being UCF Knights, and one being a UF gator.

837 I've built several design-build projects here in South Florida, one of which was a
838 [inaudible] platinum educational facility right over at Solid Waste Authority in West Palm Beach.
839 Another one was a water treatment plant of the City of Boynton Beach with both Colin Groff and
840 Michael Lowe were involved in.

841 And I look forward to working with them again here in Riviera Beach.

842 **Mr. H. Patel:** Thank you, David. My name is Henry Patel. And I'll be your Finance
843 Manager for this project. I am with Hewitt Development Company which is Kiewit's inhouse
844 team of development and finance experts. I have twenty years of project finance experience and
845 I'm very excited to be working for you as part of this great team to deliver this fantastic project
846 for the citizens of Riviera Beach. Back to Tony's analogy, what a great cast and crew to deliver
847 this project with three things in mind, quality, safety, and community.

848 Now, onto our second act. Approach. Our finance approach is, is a, is a key differentiator
849 for us really for three main reasons. One, we are unbiased. Our focus is to make sure you have
850 the optimal financing in place. We're not here just to sell you private financing. We understand
851 this is a fast track project, but that does not mean you need to make a decision today on financing.

852 We are ready to move forward and work with you immediately to compare all options to
853 make sure you approve the right option for this project.

854 Number two, again, we are unbiased. We're not third party equity in financing. We are
855 contractor led, Kiewit's inhouse team of twenty-five finance, technical, and legal experts who will
856 work with this design-build team, your Staff and your advisors.

857 Number three, we have strong civil financing experience. We have financed billions of
858 dollars of civil infrastructure work, which is very different than financing buildings, like schools.
859 We have raised debt and equity, both short term and long term, and we've committed our
860 company's own capital towards projects.

861 A smart per'..., person once said, if all you have is a hammer, everything looks like a nail.
862 And, not having third party financing really allows us to continue to be unbiased to make sure you
863 make the right decision.

864 Now, our recommendation is really shown on the top yellow bar here. And what that
865 entails is for us to continue having workshops with you during Phase 1, with you and your team,
866 to make sure you have the right information to make the right decision. For example, you may
867 want to borrow based on the final GMP and the final design and the final schedule.

868 Waiting until Phase 1 also allows you to consider additional sources of funding. You may
869 have access to additional grants, state revolving funds, as well as federal grants from the recent
870 infrastructure bill. The tradeoff of this, of course, is that interest rates may be different then
871 compared to where they are today. But, the end result could be that you may end up borrowing
872 less than what you may end up borrowing today.

873 In the middle, is the, is the familiar public option that you, you've used before, in red. The
874 third is the private option that you will probably hear from other teams. And the fourth really, on
875 the bottom, is a hybrid option. It's an example of what we can do working with you during Phase
876 1.

877 This allows us to raise short term construction financing that will be connected to
878 completion of the project. This will be structured as a deferred payment from your perspective.
879 And it would not be structured as a debt obligation. You will then raise funds at the end of
880 construction and those funds will be used to pay our lenders. The advantage of this approach is
881 that you don't need to issue any debt today. You would only issue debt once construction is
882 completed.

883 Now, even if you do approve pr'..., private financing today, keep in mind a couple of things.
884 One, private financing cannot be finalized without having that Phase 2 contract completed. Two,
885 private financing does have additional costs. Even for a 501(c)(3). Yes, it's non for profit, but
886 there are still costs that are considered above and beyond what you would typically see for a public
887 financing option.

888 And three, private financing could be structured as off balance sheet, but that could still
889 impact your ratings, which means that could impact your ability in the future to borrow additional
890 money. Now, private financing could be structured as tax exempt. And you'll hear that today as
891 well from others. And it would benefit greatly from a very experienced team, such as ours, with
892 the strength of Kiewit and Stantec.

893 But, you do have other options that you need to consider. For example, 501(c)(3)'s are
894 only one of three different ways where private financing could be structured as tax exempt.
895 Overall, the advantage of private financing is that all parties, yourselves, us as a design-build team,
896 and our lenders are all incentivized to make sure the project is successful.

897 We have the experience to close.., to reach financial close in 2022. We will be fully
898 transparent with you, work with your Staff and ma'..., and, and your advisory team to make sure
899 we explore all options to reduce the amount of money that you have to borrow. And ultimately,
900 we are different because we are unbiased. And that allows you to make the right decision during
901 Phase 1.

902 And with that, I would like to pass it off to Hal and Catrina to talk about our design
903 approach.

904 **Mr. H. Schmidt:** Thank you, Henry.

905 As you can see, we have a well accomplished comprehensive team of individuals that will
906 perform for you. One thing, you look at these projects and you look at them as all engineered
907 driven projects. The one thing that we do a little differently, is we look at the engineering side of
908 it but we bring the community into it. This, this is kind of a site layout of a water treatment plant
909 campus. And what you can see here is, you can bu'..., bring the community to that with educational
910 facilities. And we've done that before.

911 So, you know, here's a architectural rendering of what a water treatment plant campus
912 would look like. This is an administration building. And Catrina, you'll see in the flyover that
913 she presents later, how the whole campus would look on the site. But one of the things that we
914 look at, and everything is the quality of design and materials that they're doable, low maintenance
915 and long lasting. Important for you. But more importantly, we look at sustainability. And the
916 treatment processes and technologies we use will help you save your water resources and save
917 energy. Those things are annual cost every year.

918 Secondly, the quality of the design and the building. People love working in nice facilities.
919 I can tell you. We, we've seen that everywhere that we've, we've built buildings and we've seen
920 water plants go up. And then finally, civic pride. This is Blue Heron Boulevard. This is what the
921 people will see. This is what you want them to see. You want them to be proud of the water
922 treatment plant campus. You don't need a bunch of metal buildings and an industrial look.

923 With, with that said, you asked us to vet the three..., four treatment processes that were
924 noted. We have done that. And my colleague, Catrina, will walk you through one of our solutions.

925 **Ms. C. Gunn:** Thanks, Hal.

926 We want to design this plant with your people, the ones who have to maintain and operate
927 it when it's all said and done in mind. As I mentioned previously, I am a licensed plant operator,
928 so I think like your operators, and I know how important it is to be involved in design decisions
929 that will effect how well you can perform your job.

930 Our team will bring your operations team into our design meetings from the very start,
931 collaborating with them and working together to get their input so that they will get what they
932 want, and what will be best for them. And as I've done with many clients, I'll be right there with
933 them to train and to work together to learn and understand how this new plant will work.

934 And I'll make sure that I'm available throughout for any questions, for consultation, and
935 even after construction is, is done and the plant is up and running. We just want to work closely
936 with your operations team to ensure that there is a seamless transition from an older, more
937 traditional treatment type to this new advanced treatment technology. And that it will be operated
938 at the highest levels of proficiency possible.

939 Now I'll speak a bit on the design options that we reviewed and a optimized design that we
940 feel would be as really great fit for the needs of Riviera Beach.

941 So, Brown & Caldwell presented these four good options in their report, all of which could
942 work to treat the water. As we looked at the pros and cons of each one, we came up with a couple
943 of other options that blends some of the best of these designs with some great ideas based on our
944 own design experiences.

945 So here, we have a conceptual 3D view of what your first-class, high quality water
946 treatment campus could potentially look like. Kiewit and Stantec have a lot of experience around
947 the world designing and building these types of high quality campuses. So, we have a., you would
948 have a maintenance building for your maintenance team and a first-class administration building
949 for your Administration people.

950 As we move through the campus, we'll come to the membrane building, which is where
951 the new treatment process would be housed. And as we move into the building, you, you originally
952 saw one of the options presented by Brown & Caldwell. And this option uses two treatment
953 processes to treat two separate trains of water, raw water.

954 Our team has developed an additional option that we feel has an exceptional benefits for
955 the Riviera Beach community and we look forward to vetting that option, along with other potential
956 designs with your owners agent during the first four weeks of Phase 1.

957 In our optimized design, we have a single train of treatment, which is reverse osmosis.
958 And, it treats a single combined line of raw water. And, as you can see on the slide there, you're
959 able to, to, to remove three of the treatment skids so that you'll have more space for potential
960 growth in the future.

961 We reviewed many design options, some of what you may see tonight that had the two
962 treatment process options, however, we feel that the single train of treatment is the best option, the
963 most optimal design choice for Riviera Beach. As an operator, I know that one of the most
964 important benefits is the ease of operations. With one treatment train, your operators will only
965 have to learn, maintain, and operate the single, the single treatment process.

966 Other benefits include the recovery of ninety-two percent of the, rather than eighty, which
967 basically means you get to keep more of the treated water, as opposed to wasting it. What this
968 translates into is to dollar saved. So, up to \$3 million in capital costs from less wells and equipment
969 needed, and environmental savings of up to \$200,000 a year.

970 Now, Jim will speak on our approach to collaboration.

971 **Mr. J. Goyer:** Thank you.

972 Approach to collaboration. This is what progressive design build is all about. And our
973 approach is simple. We make decision making easy. And we've developed tools, such as real
974 time tr'..., dashboards that allow us to convey information and transparency to you and your Staff.
975 This allows us to work as a collective team and make the right decisions as we progress through
976 your project. Next slide, please.

977 Being the number one design builder in the country, we've learned a few things. We've
978 developed a robust risk register process to mitigate risk as we develop the GMP. And why is this
979 important? It allows us to deliver on schedule and budget certainty. We use what's called a Monte
980 Carlo process where you assign risk to the dollars, and this allows us to keep unnecessary risk and
981 contingency out of the GMP as we develop the price.

982 This process only works when we combine that process with the right people and their
983 experience. This team has that experience. One example, our San Fernando project, we were able
984 to eliminate \$25 million in risk using this process. Next slide. Again.

985 **Ms. A. McNeill:** In putting together this team, one of the things that [stammer] stands out for
986 our firm, MCO Construction, even though I'm a licensed general contractor, my desire is to have
987 a greater voice as a part of this team to ensure that we have an opportunity to participate in all of
988 the decisions.

989 We're going to be involved in the constructability and the estimating. That includes all of
990 the project control support, Staff augmentation, and making sure that the packages are designed
991 and broken down at a level that will allow local participation at all levels. And here we have a, a
992 roadmap here showing you the design percentage so that we can assure that's done.

993 Jim.

994 **Mr. J. Goyer:** Yeah. Our approach would be to, to reach GMP by sixty percent design.
995 We'd, we'd achieve that within six months of notice to proceed. And again, another example
996 where we've done that, was on our project in Santa Monica we're doing with Stantec, a \$90 million
997 progressive design-build water plant, we achieved sixty percent design and GMP within the first
998 six months. Next slide.

999 So, the first four weeks, what will we do? It's so important to get out of the gates quickly.
1000 Alignment meetings, design charettes and workshops, refine a plan, better design the finance
1001 options. We make it easy to tee up the decision makings for you and Brown & Caldwell. We have
1002 our finance embedded in our team with Henry.

1003 There's an old saying, 'Measure twice, cut once.' I like to say, 'Go slow to go fast.' Tony
1004 spoke of Carlsbad, the \$592 million project. We took our time to get the right design solutions in
1005 place. But, once we did, we built that project once we had design, in un'..., just over two and a half
1006 years. And we can do the same thing here for you in Riviera Beach.

1007 David.

1008 **Mr. D. Urquhart:** Thanks, Jim.

1009 As [stammer], as Construction Superintendent, I'll be responsible for coordinating and
1010 overseeing all the con'..., construction activities on the project to ensure that it is built on time, to
1011 the highest quality and above all, safely. I do this by being the stickler on preplanning all the work.

1012 Another responsibility as Site Superintendent, assure that the project is constructed without
1013 the..., any type of nuisance to the residents of Riviera Beach. Extreme housekeeping will be
1014 maintained, steps will be taken to ensure no construction debris is tracked off the project site onto
1015 public roads, and local noise Ordinances will be adhered to. We operate with the intention that
1016 you won't even know that we're here during construction.

1017 I will work with Angel to provide advanced public notification to inform of any upcoming
1018 traffic pattern interruptions during the construction of this facility. During preconstruction, I'm
1019 gonna lead task force meetings, working with Ann to develop a manager's schedule so we stay on
1020 track to meet our goal of making water by December 2023.

1021 Kiewit is one of the largest self-perform contractors in the country. Last year, we worked
1022 over fifty-eight million craft hours. By self-performing, we maintain control on the schedule. We
1023 have the resources available to train local craft, and the, and the local subcontractor's employees.

1024 We have a designated [stammer] craft training center, as shown here on the slide, that trains
1025 nineteen hundred craft, and fifteen hard staff annually. And offers more than a hundred and thirty
1026 courses. Kiewit spends six times more nationally on training, than industry average. This is an
1027 example of our craft hiring and training dashboard.

1028 We're gonna use this dashboard for your project, which will provide Riviera Beach real
1029 time updates on our local community commitments. This project will be a great opportunity for,
1030 for young local workers who have interest in construction industry to learn, and to be trained how
1031 to become our future builders. At peak, we anticipate employing over a hundred and twenty craft
1032 and we'll work with Ann and MCO to locate, hire, and train local craft.

1033 I look forward to working with your young members of the community.

1034 Jim.

1035 **Mr. J. Goyer:** Thank you.

1036 And one of the ways we're gonna meet your schedule is prefabrication. This is so
1037 important. We had a two hundred acre facility. We're the only firm in this competition that can
1038 say that, about prefabricating offsite. We will save time in field installation, we'll have improved
1039 quality. And this is one of the ways we're gonna reduce costs and meet your schedule.

1040 This is what really excites me, your approach to community. Designing and your buil'...,
1041 and building your project is one thing, and we have a great opportunity. And I'd say, in fact, we
1042 have a commitment, an obligation here, to make the community a better place for having built your
1043 new Riviera Beach water campus.

1044 For every dollar spent in construction, it can have a four dollar impact to your local
1045 community, when done right. We'll keep those dollars right here in Riviera Beach. That could be
1046 a half a billion dollar impact to this community.

1047 We have a team of Velarin, MCO, and Merchant. You can see from the map, they've got
1048 quite an extensive experience here in Riviera Beach. Velarin will oversee public involvement.
1049 Merchant will assist MCO in the outreach, and ensure that we maximize small business and DBE
1050 participation. As Tony said, we typically get in the range of twenty-five to thirty percent on our
1051 projects.

1052 Ann.

1053 **Ms. A. McNeill:** As the founder of the National Association of Black Women in
1054 Construction, we didn't wait for this project to start working with the National Water and Utilities.
1055 We just hosted this event last week, where we brought together ten water agencies all across the
1056 U.S., and found the pain points being [inaudible] of America, millennials, training and the
1057 workforce not being in a position to where older people who are leaving are able to train those
1058 who are coming.

1059 So, what we were able to do is, to create an opportunity whereby we're training water
1060 inspectors, which do not need college or high school GED in water, in addition to water Utilities
1061 equipment operators. This is just one of the initiatives we've already taken. That's on the left.

1062 On the right, on the 9th of this..., of next month, we're hosting with Palm Beach County
1063 Water Utilities, another outreach. And the reason I'm mentioning this, I'm partnered already with
1064 Stantec as the GEC for Palm Beach County Water Utilities. So, we're coming into Riviera Beach
1065 already with experience and a phenomenal track record of providing a local [stammer] stimulus to
1066 the county. And we're gonna do the same thing here in Riviera Beach. Next slide, please.

1067 Kiewit has a phenomenal tracking platform. As you can see on this dashboard, on the
1068 right hand side, you can see the number of projects where they have already exceeded their
1069 participation. And we're looking forward to providing these same services to you here at Riviera
1070 Beach.

1071 This platform will allow you, at the touch of a button, 24/7, to see exactly what's going on
1072 with every area of the outreach monitoring and compliance for this project. Next slide, please.

1073 Again, we did not wait for this meeting. We've already held our first outreach right in this
1074 same room on the 29th of July, this year. And, as for our benefits, we are looking forward to
1075 negotiating with you a community benefits agreement versus coming to you saying this is what
1076 we're going to do. The position that we elected to take, similarly with the finance, is as opposed
1077 to saying, 'This is what you need,' we're desiring to sit with you and say, 'Let's discuss collectively
1078 the community benefits that you would like to have.'

1079 One of the things that we look to do in this project, we've already talked with a number of
1080 the small businesses. Some of them are already, not necessarily in this room but next door, and
1081 on other teams, because we are Riviera Beach. And even though we are on different teams, our

1082 commitment, here with you, is to ensure local participation of our black contractors and work
1083 force. Next slide, please.

1084 **Deputy District Clerk Smith:** Madam Chair?

1085 We're coming up on the two minutes for this presentation.

1086 **Ms. A. Gunn:** So, you've heard some of the workforce initiatives that's already started on
1087 this project. I just wanna go through with you what we're gonna be doing to not only bui'..., to not
1088 only educate the public about this project but also build support and enthusiasm for it.

1089 You all have already created a strong foundation with your Reimagine Riviera Beach
1090 community awareness plan..., campaign. We see that as an opportunity to build on that, to have a
1091 collaborative team approach to public outreach. So, here's what we're gonna do.

1092 We're gonna create a tailored, comprehensive communication plan that takes..., that uses
1093 these tools and techniques to make sure we reach people where, where they live, work and play.
1094 So, what we're gonna do, we're gonna have interactive public workshops and meetings, small
1095 group meetings with our stakeholders. We're gonna use social media. We're gonna have stunning
1096 visuals as well. And, as part of that, we're gonna make sure we're working with the [stammer],
1097 the Riviera Beach communications teams so that we're making sure we're taking advantage of the
1098 platform you already have in existence to make sure we're reaching all facets of the community.

1099 As far as messaging, we wanna make sure that..., we wanna inform the public about the
1100 importance of water quality. Not only currently, but for the future growth of the City. In addition
1101 to that, we wanna make sure that we're understanding that stakeholders have a full..., that we're
1102 understanding that we're addressing the needs of the community and making sure that we're
1103 addressing their concerns about a major construction project in the City.

1104 So, we recognize Riviera Beach is a close knit, artistic, creative and fun community. We
1105 truly have an opportunity to build the community as that, that is more than just a water treatment
1106 plant. It is a facility that represents Riviera Beach, it's people, it's, it's future and everyone's
1107 investment in the success of the Reimagine Riviera Beach program.

1108 Imagine public art on the front lawn of the building with people stopping to take selfies
1109 and photos with friends and asking, 'What is that beautiful building?' Imagine asking Riviera
1110 Beach artists to participate in developing sculptures and murals to help create a sense of place for
1111 the community. And imagine this facility representing the centerpiece that helps Reimagine
1112 Riviera Beach.

1113 Jim.

1114 **Mr. J. Goyer:** Thank you.

1115 In closing, this team knows what we're doing. We have a solid plan and past experience
1116 to deliver your water by December 2023, while maximizing local business and providing local job
1117 creation.

1118 Our team structure is not a JV. I'll be your boots on the ground decisionmaker so there's
1119 no executive committee to make decisions. We have the inhouse experts for finance. We have
1120 Stantec, who's ready to deliver you innovative...

1121 **Deputy District Clerk Smith:** Madam Chair, that's time.

1122 **Mr. J. Goyer:** With that...

1123 **Chairperson Lanier:** Thank you, sir.

1124 **Mr. J. Goyer:** ...we'll take questions.

1125 Thank you. I hope your first ones, 'When can we start?' [Chuckle]. So, thank you.

1126 **Chairperson Lanier:** Very good. Thank you, sir.

1127 **Mr. J. Goyer:** Thank you.

1128 **Board Member Botel:** Madam Chair?

1129 **Chairperson Lanier:** Yes. Go ahead.

1130 **Board Member Botel:** Thank you.

1131 I have a question about this single line reverse osmosis. On page twenty' .., I'm sorry, on
1132 Page 78, Tab 6, Chart 6.1.0, Major Tasks and Subtasks. Could someone explain to me what..
1133 whether or not you're recommending five and six together? I, I wanna understand more clearly
1134 what this, what this task mea' .., what this chart means, and what the, what the real deal is in terms
1135 of what you're recommending.

1136 **Mr. H. Schmidt:** I can answer that.

1137 The recommendation that we're recommending. We had two extra ones that we looked at.
1138 One...

1139 **Board Member Botel:** [Stammer]...

1140 **Mr. H. Schmidt:** ...was a [inaudible] filtration. The one we're recommending is the single..
1141 single train R.O. plant. I believe that was number six.

1142 **Board Member Botel:** So, R.O. for combines existing and brackish wells?

1143 **Mr. H. Schmidt:** Yes.

1144 **Board Member Botel:** Okay.

1145 **Mr. H. Schmidt:** Yeah.

1146 **Board Member Botel:** Thanks. Go ahead.

1147 **Chairperson Lanier:** Questions?

1148 **Board Member McCoy:** Madam Chair?

1149 **Chairperson Lanier:** Go ahead.

1150 **Board Member McCoy:** So I think this may be for Mr. Patel. It was one of the earlier slides
1151 where you had the different financing options. There was one of them that you suggested that
1152 wouldn't be held on our books. Can you revisit that for me?

1153 **Mr. H. Patel:** Sure. In that example, it was the very bottom one, number.., hybrid option
1154 number four.

1155 Typical design-build finance projects typically allow us, as the team, to only finance the
1156 construction period. So, effectively, you do not have to pay us until construction is complete.
1157 How we go about paying for our equipment, for our labor, is, is for our.., for us to figure out
1158 through the construction period.

1159 What contractors do is, they go out and borrow money through that period. During that
1160 period, while you don't have to pay us, in your books that's put into as a deferred payment. Not
1161 as a debt obligation. At the end of construction, when we're complete, that's when you would
1162 issue your bonds. That's when it would hit your financial statements as a, as a borrowing. But
1163 not only when construction is complete. And then, those funds would be used to repay us and our
1164 lenders at the end of construction.

1165 **Board Member McCoy:** Follow up.

1166 **Chairperson Lanier:** Go ahead.

1167 **Board Member McCoy:** So, obviously you gave us, I think, there was at least four different
1168 scenarios. Would you be able to give us, I guess based on a project of this size, what would
1169 probably be, in your experience, the most common method that's, that's chosen. Or does it vary?

1170 **Mr. H. Patel:** Yeah.

1171 The most common that owners use, is the public finance method for this. The second
1172 alternative is likely that hybrid option, where you allow us to finance it through the construction
1173 period, and then the, the agency themselves borrows long term only at the end of construction. So,
1174 what that does is, that puts the risk of construction completion on us, and our lenders.

1175 **Board Member McCoy:** Okay.

1176 One other question regarding the conceptual 3D rendering that came up. [Stammer] just..,
1177 if I was looking at it correctly, it almost seemed like the detention ponds was actually on the corner
1178 of Avenue L and Blue Heron. Is that correct? Is that what I seen? And...

1179 [Inaudible comment]

1180 **Board Member McCoy:** ...if so, that is just conceptual, right? That...

1181 **Mr. H. Schmidt:** Yes.

1182 It, it's, it's basically a rendering that we kind of came up with. But typically, what we do
1183 in these types of projects is we'll sit down with your Staff, the City, the community, and, and
1184 basically do a design charette, and decide where different ponds, different treatment facilities,
1185 walls, landscaping will go.

1186 **Board Member McCoy:** Follow up.

1187 So, since much of water treatment industry has transformed so much over the years, isn't
1188 there a movement away from using detention ponds and retention ponds?

1189 **Mr. H. Schmidt:** There's things like impervious concrete. Your.., well, what those detention
1190 ponds are, are more for stormwater. So, you can use.., you can use impervious, you could use rain,
1191 rain cistern type systems, impervious concrete, things like that, in, in certain areas. Yeah.

1192 I mean, you.., sometimes, you get away from the ponds, sometimes Utilities wanna have
1193 water features. And you use those as almost water features.

1194 **Board Member McCoy:** Okay.

1195 **Board Member Lawson:** Madam Chair?

1196 **Chairperson Lanier:** Yes. Let me ask a question quickly.

1197 When you were talking about the financing piece, or.., in your proposal, as you know, we
1198 are stewards of the City's finances. Would you have any apprehension if your proposed financial
1199 support was not utilized and was sel'.., and we select another financial method?

1200 **Mr. H. Patel:** We have absolutely no issues with that. We work, we work on a number of
1201 different projects, in fact, where clients bring their own financing. And we have a number of
1202 experiences where a, an owner, such as yourself requested for us to provide private financing, we
1203 provided a solution. They liked the solution so much that they said, 'Could we just go ahead and
1204 implement this directly with your lenders?' So that it turned a DBF, a design-build finance into a
1205 design-build. And we're perfectly fine with that.

1206 Our objective is to deliver and com'.., a completed water treatment facility that's in
1207 operations. Our focus is not financing. Our focus is design and construction.

1208 **Chairperson Lanier:** And, one more.

1209 As you know, the profession of [stammer] operators for, for plants is dwindling. How do
1210 you hope to encourage that profession in this City?

1211 [Inaudible comment]

1212 **Ms. A. Gunn:** Sure. Can, can you repeat the beginning of the question? I think I heard
1213 but I just wanted to...

1214 **Chairperson Lanier:** What I'm asking is that we know that the profession of working in
1215 water plants...

1216 **Ms. A. Gunn:** Mhmm.

1217 **Chairperson Lanier:** ...professional operators, that field is dwindling. How do you
1218 propose.., I saw that you had a lot of information about public outreach, and how do you propose
1219 that you would get locally participation for your training programs for that particular position
1220 because it is a fading pos'.., fading profession?

1221 **Ms. A. Gunn:** You are right about that and I let Ann speak some on that as well but, you
1222 know, we can.., going into schools, going into local colleges or trades schools and talking to the
1223 students and, and people like that, is one of the.., is, is one avenue which we would pur'.., be able
1224 to pursue.

1225 And I'll let Ann speak more on that.

1226 **Ms. A. McNeill:** That's an excellent question. And, when I showed the slide about the ten
1227 different water Utilities, we partnered with the National AWWA, which is the National
1228 Association of Water Works, and they are having the exact same problem right now, to such an
1229 extent that, in our partnership, they now, with us, are going into all levels of schools, in addition
1230 to trade schools.

1231 So, when we hosted this event, we also had, participating with us, the trade schools and
1232 also the local.., a couple of the local colleges because it is a problem across the U.S. in all water
1233 agencies. And so our, our commitment here, in the City, is working with the high schools, with
1234 AWWA, and the engineering firms and the agencies. And we're already starting that exact same
1235 program for Palm Beach County Water Utilities. And we're looking to duplicate the same thing
1236 here.

1237 Thank you.

1238 **Mr. H. Patel:** Yes.

1239 We, we call it a campus. We.., because of time didn't really get into it but we've
1240 constructed facilities, I've done one, where we would actually showcase your technology. And,
1241 the reason we call it a campus is really to bring school kids through, get them excited about how
1242 water's treated and made. That generates, you know, kids getting an interest in going into that
1243 profession.

1244 So, that's.., we didn't get a chance to explain why we call it a campus, but we would see it
1245 as an educational facility. Take that opportunity to make it a community asset.

1246 **Ms. A. McNeill:** Just one more thing. I'll go even a step further on the project that we're on
1247 for Palm Beach County Water Utilities, they just.., together, we designed last year, our green

1248 [inaudible] for that exact same purpose. Because, what we are realizing in water Utilities, is that
1249 there's no pipeline, human capital pipeline.

1250 And so, being a black woman in construction and in water, and water Utilities, I went to
1251 the agencies, all across the U.S., and the National Association because it's not just a local problem.
1252 It really is a national problem, and we decided to be the solution to the problem.

1253 Thank you.

1254 **Chairperson Lanier:** Thank you.

1255 **Board Member Botel:** Madam Ch'..., Madam Chair?

1256 **Chairperson Lanier:** It's Mr. Lawson's turn. Let him... [Inaudible].

1257 **Board Member Botel:** Oh, go ahead.

1258 **Board Member Lawson:** Thank...

1259 **Chairperson Lanier:** Go ahead, sir.

1260 **Board Member Lawson:** Thank you, Madam Chair.

1261 The timeline. We said startup water 2023. What will be the process of the services
1262 implementation and the training department? What would that look like after that timeline of
1263 getting water running by that date?

1264 **Mr. J. Goyer:** Yeah.

1265 We, we believe it's an aggressive schedule but we believe we have the resources to get to
1266 the point we're making water by 2023. Great asset here, our unicorn, she is able to help us integrate
1267 that... This will be a challenge. We're gonna be operating your existing facility...

1268 **Board Member Lawson:** Mhmm.

1269 **Mr. J. Goyer:** ...and bringing a new facility online at the same time. And we talked about
1270 those challenges. I'm gonna let Hal and Catrina kinda touch on that because it is, it is challenging.

1271 **Board Member Lawson:** And that's the question and concerns I have, the operation of the
1272 current facility while establishing the new one and staying within a timeline. Because we made a
1273 commitment to our resident to get this done within three years and you guys are ex'..., expediting
1274 that by offering two, but I wanna stick to what we actually promised our residents. So...

1275 **Mr. J. Goyer:** Yeah. And....

1276 **Board Member Lawson:** ...trying to explain and understand that timeline...

1277 **Mr. J. Goyer:** This is new technology so there's quite a bit of training that's gonna happen.

1278 **Board Member Lawson:** Correct.

1279 **Mr. J. Goyer:** So, having that plan to be able to train your Staff and not disrupt their daily
1280 operations is something that we would plan out and, and execute. But it is, it is gonna be quite a
1281 challenge. And, you know, you're getting into the holidays too, that's always a challenge. So, it's
1282 something we would plan and execute with you to, to get to the water. Then we would still have
1283 to decommission your old plant after that.

1284 But, our commitment will be to be making water by the end of 2023.

1285 **Board Member Lawson:** And then how long after that will the training and servicing stay on?
1286 Because we're gonna be setting up and developing and preparing our, our employees and Staff but
1287 then how long will you be staying on after that timeline of 2023?

1288 **Mr. J. Goyer:** That's the beauty of progressive design-build. We can work with your
1289 Staff.., having IDE on our team, they are also operators and...

1290 **Board Member Lawson:** Mhmm.

1291 **Mr. J. Goyer:** ...they operate plants all over the world so we can, we can stay on as long
1292 as you would like us, 'til, 'til they're comfortable with that equipment. We've done it as much up
1293 to a year, I believe, haven't we, Tony?

1294 **Mr. T. Joyce:** Yeah. Yeah.

1295 I mean, we have a number of facilities right now that we are, we are the operator for our
1296 other, Santa Monica project that you mentioned earlier. We're operating that facility for two years
1297 for that client, as part of a debugging, I'll say, type process. And, and also a training process for
1298 their operators to get bedded in. And so, we can offer that service if that's beneficial here. And
1299 whether that's six months, two years, three months, whatever it takes between, like you said, IDE
1300 [inaudible] Carlsbad desalination facility, \$600 million facility, IDE operates that facility. So,
1301 they're tried and tested in doing this kinda thing all over the globe actually.

1302 **Board Member Lawson:** Excellent.

1303 And then the follow up question will be for local participation. One of the things that this
1304 Council is requiring from every team that's come in is, that we make sure that we're providing for
1305 our locals and giving opportunities for our locals. As Ms. Ann McNeill, she's working a current
1306 project and did actually partner with some of our local firms to make sure that the individuals from
1307 the community are benefitting from the development of the project.

1308 What percentage.., I know that we talked about the goal of thirty percent, but can we just
1309 address that briefly so I can just leave some time for my colleagues to actually comment as well,
1310 in regards to the local and making sure that our locals are gonna benefit from this.

1311 **Ms. A. McNeill:** Well, our, our commitment in working with you is to actually exceed that.
1312 And this is one of the reasons why we made a conscious decision as a team to negotiate with your,
1313 your Staff and the Board, a community benefits agreement together versus saying.., because, a

1314 lotta times, we can come and say we wanna do this, this, this but it's really not what you're looking
1315 for.

1316 So, we've already made the commitment to exceed the goal that you've stated. And we're
1317 not only looking at doing that in the construction trades, but also procurement, and also work force.

1318 **Board Member Lawson:** Okay.

1319 Thank you, Madam Chair.

1320 **Board Member Botel:** Madam Chair?

1321 **Unk.:** [Inaudible].

1322 **Board Member Botel:** So, I, you know, we, we are a growing community, a community on
1323 the move. We just recently saw a presentation about a fabulous new project up in the north end of
1324 Broadway, we have potential for some projects on Singer Island yet.

1325 And, my question relates to the source of our water. You know, are, are we gonna be
1326 looking to go deep and, and you, you mentioned on that Page 78, the chart about option number
1327 six dealing with brackish water, [stammer], talk to me a little bit about how you see the source of
1328 our water changing, if, if at all.

1329 **Mr. H. Schmidt:** Okay.

1330 I can, I can say that, really that, that's really all depends on the regulatory agencies. But
1331 what we have seen is that regulatory agencies are capping the existing aquifer systems. So, so yes,
1332 you most likely, with future wells, well into the future, you will have to go into a deeper aquifer.
1333 What the beauty with our, our recommendation is, you have the technology already there to do
1334 that.

1335 So, you know, whereas a, a brackish well, I'll just call it a brackish well rather than a deeper
1336 well, brackish well has a certain, certain level of, let's say, saltiness to it. And that., the advantage
1337 with that is, it, it can be treated with [inaudible] filtration but it always will start degrading. As
1338 you, you start stressing your wells, with different technologies, you're going to bring the saltwater
1339 in. And so, you know, our option six basically prepares you for that.

1340 We also, the other advantage with our option is that you can also rest your wells and
1341 manage your well field a little better, which means that you're not stressing certain areas. Or, you
1342 may pull water from, from a certain area of the City rather than other areas. So, it gives you a
1343 better well management system as well.

1344 **Board Member Botel:** Okay. Thank you.

1345 **Mr. H. Schmidt:** You're welcome.

1346 **Board Member Botel:** And then a question for Mr. Patel.

1347 Do the proposed financing mechanisms differ in terms of the timeline? Do they affect the
1348 timeline at all depending on what we choose to do?

1349 **Mr. H. Patel:** No.

1350 In fact, one of the underwriters that responded to your solicitation on the public finance
1351 side indicated that they could probably get to financial close as quickly as six weeks from your
1352 approval. Financing is not the constraining factor to get to the start of construction, right? Now,
1353 it, it's an important element whether you go public finance or private finance, but all of it can be
1354 done within the timeframe that's needed to negotiate the GMP and finalize that Phase 2 contract.

1355 **Board Member Botel:** Thank you.

1356 **Deputy District Clerk Smith:** Madam Chair?

1357 You have a little less than four minutes left with the questioning for this presentation.

1358 **Chairperson Lanier:** Thank you.

1359 **Vice Chairperson Miller-Anderson:** I just have one question, Madam Chair.

1360 **Chairperson Lanier:** Yes. Go ahead.

1361 **Vice Chairperson Miller-Anderson:** I just wanted to know, I noticed the examples that
1362 you all have used in terms of your experience, have you done much in the, in the South Florida
1363 area or I'm not very versed in this at all but, is it a difference in the different areas.., have you..,
1364 when you have your experiences out in California or different areas like that?

1365 **Mr. J. Goyer:** Yes.

1366 And, and Tony's recently moved from California. So, he brings some big job experience.
1367 He's now in the south, even though he still kinda talks funny.

1368 [Chuckles]

1369 [Inaudible comment]

1370 **Mr. J. Goyer:** But, we do have three current projects in the state. We currently do a lotta
1371 work with Miami-Dade. We have two active projects down there. We didn't really get a chance
1372 to speak to capacity, but all three of those projects are coming to a close. So, we have folks like
1373 David, really kinda tied up in the office, he's itching to get out on a project. I'll be here a hundred
1374 percent of the time. So, we have capacity.

1375 But to your original question, we are one of the largest contractors in the State of Florida.
1376 We do power, we do roads, we do bridges, we do water. We have over seven hundred craft, and
1377 two hundred staff that work here in Florida. In fact, we're in the process of an opening a, a new
1378 office in West Palm. We have an office in Tampa, we have an office in Orlando, we have an office
1379 in Miami.

1380 **Ms. A. Gunn:** And Lauderdale.

1381 **Mr. J. Goyer:** And Lauderdale, yeah. So, we're all over.

1382 **Vice Chairperson Miller-Anderson:** Alright.

1383 Thank you.

1384 **Mr. H. Schmidt:** To, to further that, you know, from an engineering standpoint. We recently
1385 completed all the work down at the West Palm Beach facility, which is the largest UV disinfection
1386 facility. It was also..., it was under consent decree. We've been in the state for fifty years.

1387 On the east coast, we've worked in Plantation, Sunrise. We did Sunrise's facility, all the
1388 way up to New Smyrna Beach water plants. On the west coast we've done..., we're working for
1389 the City of Tampa..., Tampa Bay water, as well as Venice, North Mia'..., or Cape Coral and Fort
1390 Myers.

1391 **Board Member Lawson:** Madam Chair?

1392 **Ms. A. McNeill:** And, of course, we're working at Miami-Dade water Utilities, and also Palm
1393 Beach County Water Utilities.

1394 **Chairperson Lanier:** Ask one question of the team. What sets you apart from the other
1395 firms?

1396 **Ms. A. McNeill:** Well, I, I would say..., I would..., I, I would say, 'Team work makes the
1397 dream work.' I would say for me, I set the team apart from all the other teams. And I say that
1398 because the agreement that I have with them, by being at the very top, which would impact all of
1399 the decisions at the bottom, even though I'm a licensed general contractor and I could have
1400 participated only as a sub, then that makes me compete with everybody else that's bidding as a
1401 sub.

1402 But, as a part of the decision making, and I don't think anybody else is able to do this,
1403 that's gonna make a huge difference in keeping the commitment. See, the commitments can be
1404 made but if we're not..., and we have people here that's a part of our team from MCO, but if you
1405 don't have people at the very top to ensure that the commitments that we made, that we can keep.

1406 So, I, I think we make the difference.

1407 Thank you.

1408 **Chairperson Lanier:** Mr. Lawson.

1409 **Board Member Lawson:** I just wanted to discuss quickly the future capacity. The proposed
1410 plants, and with the development that we intend for the City and what's coming to the City, what
1411 does it look like with future capacity and what capacity can this plant actually handle? 'Cause the
1412 current plant's been in place for about sixty years now. So.

1413 **Mr. H. Schmidt:** I mean, as you, as you saw, you know, in just our conceptual plan, we're
1414 not using as many membrane modules. So, you do have future, future growth. Membrane
1415 technology is changing. The advantage of, of this option over another option, I can tell you, that
1416 ninety-two percent recovery is key. It gets back to your question on the well fields.

1417 Because, normally what happens is, if you treat eighty..., you treat a hundred percent of
1418 water, you get eighty..., it's like a dollar, you get eighty cents back.

1419 **Board Member Lawson:** Mhmm.

1420 **Mr. H. Schmidt:** This option, you get ninety-two cents back. So, what you're doing is saving
1421 on your well field. So it allows you to extend your well field into the future. We have extra space
1422 in the buildings, and you can also build up on those membranes. Those membrane trays can be
1423 increased higher...

1424 **Board Member Lawson:** Excellent.

1425 **Mr. H. Schmidt:** ...so you get more capacity out of each module.

1426 **Board Member Lawson:** Okay.

1427 Thank you.

1428 **Deputy District Clerk Smith:** Madam Chair, that's your time.

1429 **Chairperson Lanier:** Thank you so much for your presentation.

1430 **Board Member Botel:** Thank you.

1431 **Mr. H. Schmidt:** Thank you.

1432 **Mr. J. Goyer:** Thank you.

1433 **Chairperson Lanier:** We're gonna take a five minute break before the other team comes
1434 in. But, Mr. Evans?

1435 **City Manager Evans:** Madam Chair and, and Members of the Board, if it is the Board's
1436 pleasure, I would encourage you do take citizen comments at this particular moment, before the
1437 next presentation is started.

1438 **Chairperson Lanier:** Alright. Very good.

1439 So, we'll do three minutes, then we'll do public comments.

1440 [City seal is displayed for eight minutes]

1441 **COMMENTS FROM THE PUBLIC – 5.45 P.M. – NON-AGENDA ITEM SPEAKERS**
1442 **(Three Minute Limitation)**

1443

1444 **Chairperson Lanier:** We're gonna go ahead and have public comment at this time.

1445 **Chairperson Lanier:** ANY PERSON WHO WOULD LIKE TO SPEAK, ON AN
1446 AGENDA ITEM, PLEASE COMPLETE A YELLOW PUBLIC COMMENT CARD
1447 LOCATED AT THE FRONT DESK AND GIVE IT TO THE STAFF PRIOR TO THE
1448 ITEM BEING TAKEN UP BY THE BOARD OF DIRECTORS FOR DISCUSSION.

1449 MEMBERS OF THE PUBLIC WILL BE GIVEN A TOTAL OF THREE MINUTES TO
1450 SPEAK ON ALL ITEMS LISTED ON THE CONSENT AGENDA AND THREE MINUTES
1451 TO SPEAK ON EACH REGULAR AGENDA ITEM. THE TIME FOR PUBLIC
1452 COMMENT MAY BE REDUCED BY A VOTE OF THE BOARD OF DIRECTORS
1453 BASED ON THE VOLUMINOUS NATURE OF PUBLIC COMMENT CARDS. IN NO
1454 EVENT, WILL ANYONE BE ALLOWED TO SUBMIT A COMMENT CARD TO SPEAK
1455 ON AN AGENDA ITEM AFTER THE RESOLUTION OR ITEM IS CONSIDERED.

1456 **Chairperson Lanier:** Madam Clerk.

1457 **Deputy District Clerk Smith:** Madam Chair, we have two non-Agenda Item public
1458 comment cards. And just to be clear, we will call public comments related to the presentations
1459 after the last presentation.

1460 **Chairperson Lanier:** Right.

1461 **Deputy District Clerk Smith:** Yes.

1462 So, the first one is gonna be Ms. Cindy March and Ms. Doretta Paulk.

1463 **Unk. Audience:** Is this public comment or the presentation?

1464 **Deputy District Clerk Smith:** This is just general public comments. You can...

1465 **Unk. Audience:** [Inaudible].

1466 [Inaudible comments]

1467 **Chairperson Lanier:** Did we, did we... No. She hasn't said it was closed. We are doing
1468 general public comments now.

1469 **Unk. Audience:** This is general public comment?

1470 **Chairperson Lanier:** Yes.

1471 Matter of fact, let me read that again. Chairperson, please read:

1472

1473 **Chairperson Lanier:** BE REMINDED THE BOARD OF DIRECTORS HAS
1474 ADOPTED RULES OF DECORUM GOVERNING PUBLIC CONDUCT DURING
1475 OFFICIAL MEETINGS, WHICH HAS BEEN POSTED AT THE FRONT DESK. IN AN
1476 EFFORT TO PRESERVE ORDER, IF ANY OF THE RULES ARE NOT ADHERED TO,
1477 THE BOARD OF DIRECTOR'S CHAIR MAY HAVE ANY DISRUPTIVE SPEAKER OR
1478 ATTENDEE REMOVED FROM THE PODIUM, FROM THE MEETING, AND/OR THE
1479 BUILDING, IF NECESSARY. PLEASE GOVERN YOURSELVES ACCORDINGLY.

1480 PUBLIC COMMENT SHALL BEGIN AFTER ALL PRESENTATIONS UNLESS THERE
1481 IS NO FURTHER BUSINESS OF THE BOARD OF DIRECTORS WHICH, IN THAT
1482 EVENT, IT SHALL BEGIN SOONER.

1483 ANY PERSON WHO WOULD LIKE TO SPEAK DURING PUBLIC COMMENT,
1484 PLEASE FILL OUT A PUBLIC COMMENT CARD LOCATED AT THE FRONT DESK
1485 AND GIVE IT TO THE STAFF BEFORE THE PUBLIC COMMENT SECTION IS
1486 ANNOUNCED.

1487 **Chairperson Lanier:** Acceptance?

1488 **Deputy District Clerk Smith:** The acceptance of public comment cards is now closed.

1489 **Chairperson Lanier:** Thank you.

1490 Go ahead, Ms. March.

1491 **Ms. C. March:** Good evening, Council.

1492 I just wanna know what will be the percentage trickled down to the residents once we get
1493 this water plant in place, if you all are getting money for infrastructure? I think that's something
1494 that we need to know, as well, with this water pressure. I hope it's gonna help with the water
1495 pressure.

1496 Evans, I would like for someone to come out in, in my residence because the water pressure
1497 is very low.

1498 And, for the last two months, you all have been having a lot of notice of boil water because
1499 the main line has broken. And, whoever get' the bid for the job with the water plant, the City itself
1500 needs some experienced people to making sure that things is done right in the communi'...,
1501 community as far as safe water and clean water.

1502 Because, who you all have on Staff now, Dierdre Jacobs is not experienced for no water...,
1503 direct, direct now. We need some experienced people who know what they' doing because we
1504 pay our water bill, and we should have clean water. So, whoever wins the bid, I hope you all can
1505 collaborate together as a team, within the City, to making sure that you all understand the elements
1506 of having clean water. It is a must.

1507 And high water bills, we don't need because we don't even have clean water. Period.
1508 Point, blank. Giving out a turkey, giving out Easter baskets, don't solve the problem when you
1509 don't have clean water to clean the turkey with.

1510 [Inaudible audience comment]

1511 **Chairperson Lanier:** Thank you, ma'am, for your comments.

1512 **Deputy District Clerk Smith:** Ms. Doretta Paulk.

1513 **Ms. D. Paulk:** Good evening. My name is Doretta Paulk. I'm a resident of Riviera Beach.

1514 And, as the last speaker was saying, I think I disagree with her. I think that Ms. Deirdre
1515 Jacobs is an excellent, very knowledgeable to be the Director of Utilities. This young lady,
1516 whenever I have a problem or, or some of my neighbors have a problem, I can always count on
1517 her. She's always there, at the scene. The minute she knows about it. That afternoon, before she
1518 even goes home. And I wanna commend her for all the work that she does. Mr. Snowie also. Mr.
1519 Grady. And all the men and women that she has under her leadership. I think they're doing a
1520 marvelous job as moving this along.

1521 And I thank God that he brought Mr. Evans back here to [stammer] cure our water system
1522 because this has been [stammer] neglected for decades. And this is how we end up. This is where
1523 we are today. And I thank Mrs. KaShamba Miller-Anderson. We had a situation in our
1524 neighborhood. She also came out. And also Mr. Evans, also was present. And I appreciate
1525 everything they did. And I do thank Mr. Walter Stephens. Every time I would call him and I
1526 wouldn't be able to listen to the Council meetings, he was right on top of it, getting me connected.
1527 And it.., outstanding. We have outstanding people that work here in our City.

1528 And, like I say, every time I talk to Ms. Deirdre Jacobs, and Mr. Walter Stephens, and Ms.
1529 KaShamba Miller-Anderson, they always say, 'I work for you, Mrs. Paulk,' and all the people of
1530 Riviera Beach. And kudos to all our leadership here that has focused primarily on the citizens of
1531 Riviera Beach, not on their Agenda.

1532 And I wanna thank Mr. Evans for everything he has done for us because where would we
1533 be now if he did not come back? The same situation, and the same drinking of this water. And
1534 there are some impurities in this water. And when you wash your dishes, there's a film there,
1535 that's left there. You wash them over and over, it's the same product. So, I hope that this Council
1536 choose the best, the outstanding, to secure us with the safety of our water. 'Cause water pertains
1537 our life.

1538 And I thank you all very much.

1539 **Chairperson Lanier:** Thank you, Ms. Paulk.

1540 **Deputy District Clerk Smith:** Ms. Mary Brabham. And that's it, Madam Chair.

1541 **Chairperson Lanier:** Ms. Brabham.

1542 **Ms. M. Brabham:** Can you hear me?

1543 **Deputy District Clerk Smith:** Pull it down here.

1544 **Ms. M. Brabham:** Ms. Mary Braham, Rivera Beach.

1545 To our magnificent City Manager, and to our experienced Interim Director, Utility
1546 Director, and to you as the elected officials up there, Ms. Brabham's gonna say thank you. And
1547 thanks to the entire Staff. Numerous of times I have stated up here, and Ms. Brabham has been in
1548 this fight from day one, for clean water and the safety network of our Utility District.

1549 And now, we are at that point there. And in those items there, that you are to weigh, I
1550 would like for you all to consider that thirty-five pointer. You have to dig deep here. Because we
1551 will not go back again. And this must be done right. This Deirdre Jacob, she has been the only
1552 Utility Director that has stepped in that position there and has navigate us to where we are today.

1553 It doesn't matter what the air say, what matters is putting pen and action to work. Because
1554 that's exactly what this Board will do. Put it in action. Because we will Reimagine, because the
1555 work you have done. And as I've always said, take yourselves out and look at the entirety of this
1556 City. Because you all will make history here in this City here.

1557 And, Ms. Brabham wants to be a part of that. As I've always said, so that my grandchildren
1558 and your grandchildren and the generation behind Ms. Brabham will come and see the magnificent
1559 work that you have done. It doesn't matter about election time. That will take care of itself.
1560 Because the voters will have that choice there. But you have an opportunity here to make history.
1561 It's up to you. Take yourselves out of it, and let's dig deep. Because, you know Ms. Brabham is
1562 gonna dig deep too.

1563 And I would just like to say and I know that I'm running out of time, the holidays are
1564 approaching. And I would like for you all as a Board, as well as Staff, to reach out to the grieving
1565 families. We know that we had Mr. Terrence Holland, one of our very own. I would like for you
1566 as a, as a Board to reach out to that family there and show that family some love. And not only
1567 them, you know Ms. Brabham lost her husband too. But, the three months, I'm finally beginning
1568 to live.

1569 **Chairperson Lanier:** Yes. Thank you...

1570 **Ms. M. Brabham:** Thank you.

1571 **Chairperson Lanier:** ...Ms. Brabham. Thank you so much.

1572 **Deputy District Clerk Smith:** That was your last public comment.

1573 **Chairperson Lanier:** Mr. Evans.

1574 **City Manager Evans:** Madam Chair and Members of the Board, I'll ask the Interim
1575 Executive Director, Ms. Deirdre Jacobs, to announce the next team that will be presenting.

1576 **Acting Executive Director Jacobs:** For the record again, my name is Deirdre Jacobs. I am the
1577 Acting Executive Director at the Utility Special District.

1578 The second firm that will be presenting to you tonight is PCL Construction and Carollo
1579 Engineers. It'll go the same as it went previously. You'll have thirty-five minutes to make your
1580 presentation, and then twenty additional minutes for questions and answers. Thank you.

1581 **Chairperson Lanier:** Start... Madam Clerk, go ahead.

1582 **Mr. M. Ramos:** Good evening, Madam Chair, Mayor, Council Members, Members of the
1583 City Staff of the Utility District and the public. Thank you for those comments. My name is
1584 Mauricio Ramos. I'm the Design-Build Manager for PCL Construction team. I'd like to thank
1585 you for the opportunity to present to you on how we're gonna deliver this project and, and bring
1586 this project to a reality right away, for the urgent needs that need to be addressed.

1587 Our team's commitment to Reimagining Riviera Beach is well aligned with your goals.
1588 And we recognize that the water plant is perhaps the most significant investment to your initiative
1589 of Reimagining Riviera Beach. Therefore, we bring a, a solution that brings four elements that I
1590 want to introduce to you.

1591 The first one on the top left corner, bringing clean and reliable water to you. We have a
1592 plan that within the forty-five.., the first forty-five days, we're gonna have a solution for you for
1593 the color issues that you're hearing about today. And also, we're gonna have a, a innovative design
1594 concept that's gonna be twenty percent less expensive to build, being in line with being mindful
1595 of budget for the City.

1596 Second goal, and second solution is a community asset. Fifty percent of the local
1597 workforce that builds this project is gonna be from the City of Riviera Beach. So that's what we're
1598 committing to you today. As well as, we're gonna retain your existing operators and perhaps hire
1599 a few more to operate the new plant.

1600 Third, we have a date certain delivery. It is extremely urgent and it's very important that
1601 we complete this project by December.., no later than December 2023. And, we have a seamless
1602 transition, again, from the existing facility to the new facility. And the fourth item, the financially
1603 sound solution that's competitive.., financing solution that's competitive. And also, reduce rate
1604 impacts for the customers.

1605 We're very well aware that you inherited some water issues that are affecting the businesses
1606 as well as some of the residents and visitors and this has created some negative press. We went
1607 out to get a current picture of what some of the residents of Riviera Beach are saying. And you
1608 can read some of things here that they're talking about. And this is an issue. It's an issue of public
1609 perception.

1610 Now, our team believes there's some misinterpretations here because we believe that the
1611 City's continuing to supply water that's compliant with drinking water standards. However, these
1612 public issues that are perception or real, real problems that our team is gonna help you from week
1613 one on addressing those.

1614 Now, these are the headlines we want the residents and we want the City to be reading.
1615 'Riviera wins big with this forty-five day solution,' that was I talking about, that solves the color
1616 issue. Have an editorial, 'Breaking down the economic value.., creating value in the local force..,
1617 workforce. And at the end of it all, you know, the business leaders applauding your efforts, as we
1618 were hearing in one of the recent comments on doing the right thing and improving and solving
1619 the solution.

1620 We have a vision in this conceptual layout that addresses all the elements that you've talked
1621 about and you need, starting in the middle of the screen with a water treatment plant, complimented
1622 by some of the new administration buildings, a Public Works operations building for your Staff,
1623 all part of the Reimagine Rivera vision initiative, as, as well as a park right there on Blue Heron
1624 Boulevard.

1625 This slide shows you a picture of what the final rendering could look like. And at the end
1626 of it all for us, it's very important that we work with you to create a project like this, that's aligned
1627 with your vision that's a destination, where both your community and your residents are proud of.

1628 Jim.

1629 **Mr. J. Holtie:** Good evening. My name is Jim Holtie. I'm with PCL Construction, and
1630 I'll be the deputy Design-Build Manager. Our presentation will address each of the evaluation
1631 criteria and further expand on our written proposal. And, in particular, we're gonna hit the, the,
1632 the last bullet point there on local vendor preference. So, we'll be talking about that quite a bit
1633 throughout our presentation as well.

1634 So, we've joined two industry leaders, who are focused on water. And we've joined forces
1635 for the benefit of Riviera Beach. PCL Construction is a large national contractor with \$7 billion
1636 worth of annual revenue. We've done \$13 billion worth of design-build work. And we've been
1637 in the State of Florida here for thirty-five years. I, in fact, started my career with PCL eighteen
1638 years ago right here in Florida.

1639 And we've teamed up with Carollo Engineering. They're the single largest design firm
1640 specializing in just water and wastewater. They have \$5 billion worth of design-build work, with
1641 a hundred and twenty-five local employees. And they've successfully delivered nine hundred
1642 projects here in the State of Florida.

1643 The City can trust this team, and the strong history that we've developed, successfully
1644 delivering projects together. Dating back to 1996, we've spent the past twenty-five years working
1645 closely with each other, delivering seventy-four projects valued at just over \$1.3 billion. You can
1646 kinda do the math on that. It works out to be two or three large water infrastructure projects every
1647 year. We're cranking those out with our partners at Carollo. So we know each other really well.

1648 And our team is backed by several key local project partners, all of which are industry
1649 leaders in their areas of expertise. Combined, our local resources include eight hundred local
1650 employees.., eight hundred plus local employees that have collectively, between all these entities,
1651 delivered \$13 billion worth of work.., working to'.., excuse me, working together.

1652 We have a full services project team with familiar faces that you know and trust. This is a
1653 busy slide of our, of our [inaudible] chart. But, each individual here was hand picked because of
1654 their expertise, experience, and availability to perform on the project. Our key design-build team
1655 members are local. They're veterans of the collaborative delivery process. Several of us here are,
1656 are presenting to you this, this evening. Collectively, we've delivered \$2 billion worth of
1657 alternative delivery work here in the State of Florida.

1658 And we know our outreach and workforce leads are well known to the City, and know the
1659 keys to making this project a community asset. So our..., we'll be working with Sheron Merchant
1660 and Sophia Nelson to implement those programs.

1661 And our finance strategist leads a full service finance team and brings over twenty years of
1662 experience in \$30 billion in financing. Mr. Chris Hicks will speak to you a little bit more here
1663 about that later today.

1664 Other key team members provide perspective and connectivity with local businesses, resident in
1665 the community. Ezra Saffold will, will be speaking here a little bit as well too, about how we're
1666 going to implement that.

1667 So, we work together often, and we do it well. We've delivered over a hundred successful
1668 projects here in the State of Florida, valued at over \$2 billion. And I'd like to draw your attention
1669 to an award winning project in the top right hand corner of the screen there. This project had very
1670 similar water quality issues to the ones that we're..., we've talked about a little bit here today.

1671 And the PCL, Carollo team successfully delivered this very similar project for the City of
1672 Boynton Beach. And, in fact, Liz Fujikawa and Todd Palmatier, here on our team, successfully
1673 delivered an ion exchange solution to that..., those problems which was very successful. And that
1674 success is something that we are looking forward to delivering to Riviera Beach as well too.

1675 **Ms. L. Fujikawa:** I'm Liz Fujikawa. I'm the Vice President with Carollo Engineers and I'll
1676 be your Design Manager for your project.

1677 So, we're gonna deliver clean, reliable water that's color safe and always safe to drink...,
1678 color free and always safe to drink. How do we do that? In our first forty-five days, we're gonna
1679 resolve your water color and pressure issue with your aging water treatment plant. We've visited
1680 your plant, we've met with your operators, and we have already been working on a solution.

1681 As you see here, the heart of your treatment plant is your softeners. Those softeners need
1682 a little bit of tweaking. We're gonna modify your softener chemistry to reduce color and scaling
1683 at practically no change in production cost. As you see there, it's a picture of one of your softeners.
1684 That center well is where you currently add lime and polymer. On the outside ring, where you see
1685 that green murky water, that's what's not functioning properly.

1686 On the right, is one of our clients waters, Florida Keys Aquaduct Authority. That water,
1687 we tweaked their chemistry and it's almost what we call swimming pool clear. It'll make a big
1688 difference for your color performance. Bob and I have done bench scale testing already, that we
1689 can directly apply to your full scale operations.

1690 On the left, you see your current polymer dose with that murky water that I talked about,
1691 high in color. In the center, we optimized your polymer dose, we're gonna get a very clear
1692 [inaudible], very clear water delivery right away to your customers. We're also gonna use your
1693 existing permitted Biscayne water supply to result in the lowest treatment plant cost.

1694 Your Biscayne aquifer is your current supply. It's already permitted, you already have
1695 your wells, your infrastructure is already in place. The good thing about it, it's got the highest
1696 quality water at the lowest cost treatment wise. We try and avoid going to the Floridan aquifer.
1697 An R.O. solution, it's poorer water quality. It's got brine in it, it requires a deep injection well, so
1698 high cost, it's an extra twenty to \$30 million to your project.

1699 Dr. Cushing.

1700 **Dr. B. Cushing:** Good evening. My name is Bob Cushing. I'm with Carollo Engineers.
1701 And, I'm responsible for water treatment aspects of the project.

1702 Lime softening is outdated and has limited ability to remove potential emerging
1703 contaminates. That's what you have now at the facility. But it's important for you to move to
1704 newer, more efficient, better technology. One technology to consider is membrane softening, or
1705 nanofiltration.

1706 And it meets your water quality goals but it's got significant drawbacks. And I'll talk a
1707 little bit about that later. But here, I wanna mention the waste of water associated with
1708 nanofiltration. Something on the order of twenty-five percent of the water that comes from the
1709 ground is lost to waste through the nanofiltration or membrane softening process.

1710 We reduce your cost by twenty-percent, maximizing use of Biscayne aquifer with an
1711 alternative technology. And that's Ion Exchange. Here, nearly a hundred percent of the water
1712 that's put through the Ion Exchange process is created into finished water. So, we can stay on the
1713 Biscayne aquifer for a hundred percent of the supply.

1714 Now, comparing and contrasting nanofiltration and Ion Exchange, we got a number of
1715 criteria that are important to make that decision. One is safety. Nanofiltration uses hazardous
1716 chemicals. You gotta have sulfuric acid there. It's dangerous for the operators and the community.
1717 Ion Exchange is regenerated to table salt.

1718 O&M. Nanofiltration is a complex process, highly instrumented. Ion Exchange is really
1719 simple. It's really the water going through this packed bed of plastic beads. And, more
1720 importantly, Ion Exchange will be able to be operated by your existing plant Staff, or other folks
1721 in the community. Ion Exchange is much more reliable, much more resilient, more sustainable,
1722 much lower energy cost. Six times less than nanofiltration.

1723 Capital cost is less, twenty percent less. O&M cost, twenty-five percent less. And what
1724 that means is lower rate impacts for you. In addition, constructability. Ion Exchange is highly
1725 modular and easy to add small function., functional groups to it, so that we can track the
1726 construction of capacity with your demands and eliminate stranded assets.

1727 So, here we have a video of a desktop version of this Ion Exchange process. And Eduardo
1728 here is providing that [stammer] same demonstration real time. So, essentially, what we have is
1729 the dirty water going in the top, it flows through this bed of plastic beads that have a special coating
1730 on them, and, that contaminates absorb to it as it falls through there. Incredibly simple, incredibly
1731 effective, and very cost effective as well.

1732 So, we'll build your assets as, as they're needed and keep your rates down. This plot shows
1733 your water demand from 2021 out to 2045. Now, if we look at a, a solution that implies
1734 nanofiltration, or membrane filtration, you've gotta tap the Floridan aquifer immediately.
1735 Incurring costs for deep injection well for disposal, new wells into the Floridan and the whole well
1736 field system. Twenty to \$30 million.

1737 However, if we go to Ion Exchange, we see that we can defer tapping into the Floridan out
1738 to beyond 2040, saving huge amount of capital and O&M expense.

1739 **Ms. S. Merchant:** Thank you, Dr. Cushing. Good evening. I'm Sharon Merchant, President
1740 of the Merchant Strategy. Next.

1741 So, three things that we'd like for you to take away from this slide. We're here to engage
1742 and inform and build support in your community. We also are going to employee and train local
1743 Riviera Beach residents, and we're going to provide opportunities for businesses in Riviera Beach
1744 to participate in this project.

1745 And, we..., as a matter of fact, we..., our goal is to have a large percentage, fifty percent, of
1746 the local workforce come from Riviera Beach for, for construction. So, we'll approach your
1747 residents and all stakeholders on a couple of different fronts. First, if you think of it as high tech,
1748 we will build, upon notice to proceed, your website and put together a construction hotline. And
1749 that way, whoever has questions, will be able to access us immediately and get their questions,
1750 suggestions, or if they're looking for a connection to the team for work purposes, they'll get a
1751 response right away.

1752 And then also, we'll go about it in a high touch manner, which is reaching out directly to
1753 those residents and other interested parties by having public meetings, going to your town hall
1754 meetings, to churches, and HOA's and neighborhood meetings, and other places where we can
1755 inform them. We'll bring with us..., we're..., collateral materials and be available to speak to
1756 whoever's interested in learning more about the project.

1757 And this is a..., an outreach project that was done successfully by my firm. It was in this
1758 very building. A community engagement workshop on Avenue E. As you can see from the
1759 pictures, it was well attended and we got great feedback. And that's always helpful when you're
1760 working on projects.

1761 Thank you. Sophia.

1762 **Ms. S. Nelson:** I appreciate the spray. Thank you, Sharon.

1763 Good evening. Sophia Nelson with S.A. Nelson & Associates. Our role in this project's
1764 to be your Outreach Workforce Specialist. How do we plan to engage the workforce? Well, this
1765 is our plan.

1766 We plan to foster a very strong workforce engagement role. We also plan to work with
1767 your stakeholders to, your training stakeholders here locally. That's Palm Beach State College,
1768 the Florida Training Center, and our old Nor Tech. It's no longer..., it's part of the Training Center
1769 right now.

1770 Our mission to make this all work, is to also utilize our grant specialist that will be on our
1771 team, to work and look for grants that will help us to do outreach, to be able to bring in the
1772 workforce who needs training. Part of this training is to help us to cure the job readiness issue that
1773 we have right here in Riviera Beach. We want people to be able to come and be a part of our team
1774 so that they can be a part of the workforce.

1775 I know that you said operators are probably one of our biggest issues, but we would want
1776 to make that a benchmark, to get operators. Because, right now, part of our solution is the simple
1777 fact that this is not just about construction. This is about creating careers for the people who live
1778 and work and play in Riviera Beach.

1779 So, we're talking about your next, like you said, operators. We're also talking about your
1780 next inspectors, your next project managers, and quality inspectors. PCL and the Carollo team has
1781 done this before. PCL worked in LA, at LAX and they were able to sustain, train, and manage
1782 five hundred residents that left., when they left, these people were able to [stammer].., excuse me,
1783 sustain careers in LA. Well, we plan to do that right here in Rivera Beach.

1784 Here's a project that S.A. Nelson worked on with the Riviera Beach Housing Authority.
1785 This is one of our many success stories. We were able to work with a mentee protegee program,
1786 and also the HUD Section 3 program to not only train the subcontractors and the workforce that
1787 worked on this project, but we were able to put Riviera Beach residents to work. We're ready to
1788 do that.

1789 Here, on this particular slide, are all of the current team members, that are a part of the
1790 Carollo and PCL team.

1791 Ezra.

1792 **Mr. E. Saffold:** Thank you, Sofia.

1793 I'm Ezra Saffold, owner of All-Site Construction. I was born, raised, and grew my business
1794 here in Riviera Beach. I'll be the local partner on this project.

1795 Many firms will come up here and do the same dog and pony show, promising you that
1796 they would use local Riviera Beach contractors. The fact of the matter is, most of our local
1797 subcontractor base is not prepared, and does not meet the prequalification requirements for most
1798 of these firms and are excluded at the gate.

1799 This represents some of the firms that are typically called and solicited by a lot of firms.
1800 Our plan is to add to this, to bring on new blood. New firms such as, Aaron that lives in Federal
1801 Gardens and has a small business and wants to do City Projects. And Chris, who has a landscaping
1802 company that wants to do more commercial work but does not know how to do business with large
1803 firms, and City work.

1804 I have been fortunate to have had the opportunity to work with large firms and learn the
1805 systems and procedures that it takes to grow my business doing governmental projects. Now, it is
1806 time for me to pay it forward, to groom and to try to teach as many small businesses that are from
1807 Riviera Beach, how to do business with the City of Riviera, and other governmental agencies
1808 around town. And I stand committed to making sure that happens.

1809 Thank you.

1810 **Mr. Smith:** My name is Eval Smith [sp] . I'm with Carollo Engineers. And my role in
1811 the project will be liaison between the engineer..., the design engineer team and the construction
1812 team.

1813 The slide you're looking at is a depiction of what we hope to accomplish within the first
1814 forty-five days on this project. We aim to provide value from day one. As you can see, our
1815 community outreach team will be providing a workforce development plan within the first week.
1816 And the second week, they'll be instrumental in helping us in this endeavor where we go into this
1817 momentous occasion for the City in which we'll be breaking ground for the first water treatment
1818 plant in the City of Riviera Beach.

1819 They will continue to [stammer] their, their, their outreach programs and by week seven,
1820 they'll be a part of the permitting foundation package and, will continue in other outreach events.
1821 Our water delivery team and design..., and facilities design team will..., on first..., in the first week,
1822 will be working on the water quality issues that we spoke of earlier. And, both teams will be
1823 engaged in conceptual design. And, by the end of week ten, they'll be providing a preliminary
1824 conceptual engineering drawings and reports with processes sized and all in the drawings for your
1825 review and feedback.

1826 Our project delivery will find in day..., in week one, coordinated effort to make sure all
1827 permitting is on stream. And, we plan for, by the end of week five, which is a, a week after..., a
1828 little over a month for your water color implement needs to be addressed. We think that that's an
1829 important milestone and we take it seriously.

1830 Also, we are thinking that by the end, end of week ten, the water pressure improvement
1831 recommendations that we have been looking at will be made for your assessment. It will be
1832 presented to you.

1833 I now will turn it over to Todd's group.

1834 **Mr. T. Palmatier:** How you doing? My name is Todd Palmatier. I will be the Project
1835 Construction [stammer] Manager for PCL Construction.

1836 So this should look familiar. This is the proposed site of the new facility, sandwiched
1837 between Australian Avenue and Avenue L, right along Blue Heron Boulevard. So, in the
1838 beginning, from January, PCL will mobilize to the site with our both civil and commercial group
1839 to work on installing the construction fence, your project signs and access and egress points.

1840 April to August of 2022, the foundation work on the administration building, the parking
1841 garage, your water treatment and conveying section, and the Public Works facility will commence.
1842 This time next year, we will be building the super structures and the major process equipment will
1843 start arriving.

1844 Spring of 2023, we'll be completing the final Utility [inaudible] at the new site, and the
1845 interior building finishes will start. In the summer and fall of 2023, we will be starting up and
1846 training your operators to operate your new facility. Paving and grassing and landscaping will
1847 occur, and also the park along Blue Heron Boulevard.

1848 And now, the most important part of the slide is the project completion, December of 2023,
1849 when we'll deliver the fully functioning facility.

1850 Now I'll turn it over to Jill.

1851 **Ms. J. Lanigan:** Good evening. Jill Lanigan with Song + Associates architects.

1852 In alignment with the City of Riviera Beach's vision, this project has many opportunities
1853 to enhance the community beyond its scope. Beginning along Blue Heron Boulevard, the newly
1854 created waterway park manages stormwater but also sets that within a natural environment and
1855 bioswale. The pedestrian pathways created through that park are incorporating education about
1856 the cycle of water and the environment to engage residents in what's happening in the plant
1857 beyond.

1858 The architecture of the building incorporates expansive areas of glass. This is intended to
1859 invoke a sense of transparency into the process, and also into government, creating an inclusive
1860 and welcoming facility that truly belongs to the people. The more durable solid elements of the
1861 building will evoke a sense of trust in the durability and longevity of the proposed facility.

1862 Parking is provided conveniently in structured parking, adjacent to the main administration
1863 building. That also provides a place for the City to protect assets and equipment and vehicles
1864 during storm events. We can also incorporate solar panels there as another sustainable element to
1865 the project.

1866 The water treatment plant is set at the center of the site. And, although it's secured,
1867 provides an opportunity to bring in, safely, the community residents and school children for further
1868 education. The Public Works facility is designed to serve the City for many years to come.

1869 Back in 2010, Song + Associates was engaged to design the Public Works facility for this
1870 site. We began with programming and we would begin again by validating that program with a
1871 goal of providing a facility that is adaptable and flexible for future needs and changes in operations.

1872 We would maintain the existing fueling station for instance, but also equip the site with
1873 electric vehicle charging. The facilities for Public Works would include the work bays and the
1874 fleet vehicle maintenance needed, as well as an abundance of outside area for laydown yards and
1875 vehicle storage.

1876 As I mentioned, the site is secured, but set behind beautifully landscaped site walls. And
1877 the material selected for..., throughout the campus are chosen for their durability and economics.
1878 At the end of the day, what we want to achieve is a campus that is a reflection of the quality of the
1879 City of Riviera Beach, that serves as a beacon to the community day and night, but is iconic to the
1880 City.

1881 Thank you.

1882 **Mr. D. Engelby:** Good evening. My name is Darin Engelby with PCL. You've gotten the
1883 opportunity to meet our team from a design partner standpoint to construction standpoint, and our
1884 community engagement standpoint. Now, it's really time to talk about our financial sound
1885 solutions for you. Because, at the end of the day, we wanna be good stewards of your money, your
1886 community and your funds that are coming through this project.

1887 Why is this important to you and the process that you're doing through this integrated
1888 design-build approach? It brings a team collaborative approach. We are going to wanna work
1889 immediately with the City Staff and yourself to get this project kicked off in the right way. As
1890 you've seen, we started to develop a lot of the visions of where we think it could go, now it's time
1891 to work together as a group to make your vision a reality from what we started from.

1892 It's an accelerated delivery time. We all know the issues that are going on with inflation
1893 and supply chain. This approach allows us to procure things in a systematic and, and right sized
1894 way, so that we fight against those delays that can cause a schedule on the construction side of it.

1895 Also, it brings in' .., increased innovation. We're able to communicate together, we're able
1896 to work through [stammer] things. And then finally, the most important is cost surety.

1897 All this put together really, as I said earlier, it, it brings together really where the core of
1898 this model lies. Communication, our ability to work intergratively from a construction and design
1899 standpoint, with a City Staff and a community vision. That communication, we take pride in
1900 leading and, and really driving home that communication. So, at the end of the day, there is no
1901 surprises. We are here to determine the risks and find solutions so that there's no surprises at the
1902 end of the day.

1903 The proof's in the pudding. We've done these projects all over and have been very
1904 successful. From a costing standpoint, as you see on this graph, we put alot of onus in our initial
1905 budgeting. And that thirty percent cost estimate is really where we benchmark ourselves off. And,
1906 as you see over the last ten years, these sample projects, we've either hit or gone under our budget
1907 from that thirty percent budget standpoint as we start to work with you and develop that vision.

1908 Again, this is our expertise, we're proud of our past experience. We've contracted seventy-
1909 five plus of these projects. We've been in the integrated structure' .., or finance type projects for
1910 over twenty-five years. And we've completed over \$17 billion worth of P3 projects.

1911 With that, I'll introduce Chris.

1912 **Mr. C. Hicks:** Good evening. My name is Chris Hicks. I'm the President of Provident
1913 Resources Group.

1914 As part of the PCL and Carollo team, we are hopeful that we'll be in a position to serve as
1915 you..., as the City's nonprofit financing partner on this important project.

1916 Provident's tax exempt nonprofit financing structure is a proven one. In our twenty years
1917 in existence, Provident has financed nearly \$5 billion in projects around the country. We've got
1918 \$3.3 billion of assets currently under management around the country as well. We've done
1919 business in twenty-one states and the District of Columbia, and that includes Florida.

1920 We financed ov'..., roughly \$215 million of projects in the state, \$81 million of that right
1921 here in Palm Beach County. We're a full-service partner, and we bring forward that level of
1922 service with twenty-eight full time employees dedicated to the communities that we serve.

1923 **Deputy District Clerk Smith:** Madam Chair, they have two minutes left.

1924 **Mr. C. Hicks:** So where do we fit in to this mix? Provident Resources Group, through a
1925 special purpose entity to be formed is, at the end of the day, the primary contracting party with the
1926 City and the District. We serve to..., as the party under which the ground lease is structured, as
1927 well the operating agreement.

1928 From there, we are the contracting party with our partners, PCL and Carollo, and also our
1929 financing partners at City Group, who is our selected underwriter for this effort. Obviously, the
1930 City has a number of different financing options available to it. When dealing directly with the
1931 cost of borrowing, obviously, the traditional Utility financing, on your credit, on your balance
1932 sheet, is going to yield the lowest cost of funds. That's just a simple fact.

1933 That being said, it's also constrained by certain debt covenants, additional bonds tests, and
1934 the fact that the incremental debt being taken on for this type of project, could provide downward
1935 pressure on your strong credit ratings. On the other end of the spectrum, is a privatization of the
1936 asset. Obviously, that would bring substantially higher costs to the City and ultimately your
1937 residents and rate payers.

1938 The 501(c)(3) tax exempt finance model kinda brings the best of both worlds to the City.
1939 We are able to obtain a cost of borrowing very close, if not on top of, the cost that the Utility could,
1940 could, could go it alone with. And, and that's really due to the fact that the market is so strong.
1941 Credit spreads are very tight right now and the cost of borrowing is quite attractive.

1942 In addition to just the low cost, there are tons of benefits that come with this financing
1943 structure. We're able to meet your capital needs quickly and efficiently. At the end of the debt
1944 period...

1945 [Timer]

1946 **Mr. C. Hicks:** ...the asset reverts to the City's ownership.

1947 **Chairperson Lanier:** Thank you so much for your presentation.

1948 **Mr. C. Hicks:** Is that our time?

1949 **Chairperson Lanier:** Thank you. We can get started with our questions for this team.

1950 **Board Member McCoy:** Madam Chair?

1951 **Board Member Botel:** Madam Chair?

1952 **Chairperson Lanier:** Yes.

1953 **Board Member McCoy:** The gentleman that just left, I was..., it was getting really interesting.
1954 Can you speak to or elaborate on what you mean [stammer] privatization of the asset. And after,
1955 the asset reverts back to the organization. Can you expound on that?

1956 **Mr. C. Hicks:** Sure. I'm happy to.

1957 Effectively, the way that we finance a transaction is, we access the tax exempt market. The
1958 very same market you would access on your own and issue bonds to finance the project. Under a
1959 ground lease, our nonprofit status permits us to access tax exempt financing. If the bonds are
1960 structured for say thirty years, thirty-five years, at the end of that debt term, the asset itself is gifted
1961 back to the City.

1962 So while you always maintain ownership of the dirt, we would, on paper, own the facility
1963 itself for the life of the financing, at which time it becomes your asset free and clear of debt at the
1964 end of the debt.

1965 **Board Member McCoy:** And is that your only model?

1966 **Mr. C. Hicks:** That is our primary model, the way that Provident does business.

1967 **Board Member McCoy:** Okay.

1968 **Mr. C. Hicks:** It's not our only mo'... We also have an ability to do it under a concession
1969 structure. Which basically allows the, the City to retain ownership of the asset but grants us a long
1970 term right of use of the asset.

1971 **Board Member McCoy:** Mhmm.

1972 **Mr. C. Hicks:** Where we incur the debt also off of your credit, and with limited balance
1973 sheet impact.

1974 **Board Member McCoy:** [Stammer], you know, I., it seems a little confusing to me but even
1975 if you..., this is off our books, it still..., it's a long term liability.

1976 **Mr. C. Hicks:** Yes, it is.

1977 **Board Member McCoy:** It's almost like lease payments, if you will.

1978 **Mr. C. Hicks:** Correct. That's exactly correct.

1979 **Board Member McCoy:** Okay.

1980 So, under this model, is there any other..., obviously, I guess it's already understood that
1981 we can opt out of using the privatization of your financing. Is that, I guess, fair in, in, I guess...

1982 **Mr. C. Hicks:** I'm...

1983 **Board Member McCoy:** ...what you're...

1984 **Mr. C. Hicks:** I'm sorry.

1985 **Board Member McCoy:** ...proposing?

1986 **Mr. C. Hicks:** What was the last part of your question?

1987 **Board Member McCoy:** I, I believe our RFQ requires that..., well, allows that the City can opt
1988 of the privatization of your financing method.

1989 **Mr. C. Hicks:** Yes.

1990 **Board Member McCoy:** And, I mean, is that okay? Given the proposal that you guys
1991 submitted?

1992 **Mr. C. Hicks:** We are here as a tool for the City to use. If you opt to take a different
1993 approach, it's certainly your choice. We're, you know, we're here to be helpful and provide a
1994 service. To the extent it doesn't meet all of your objectives, certainly, it doesn't change anything
1995 related to PCL and Carollo's overall proposal.

1996 **Board Member McCoy:** That's, that's all I have for the financing question. I have something
1997 else.

1998 **Chairperson Lanier:** Let me let someone else go. We have just twenty-five minutes to
1999 get these questions out. I'll come back to you, sir.

2000 Go ahead, Dr. Botel.

2001 **Board Member Botel:** Thank you.

2002 I'm just a little confused about the recommendation... Let me get back to the page again.
2003 The recommendation, I'm looking at Page 77, for example, of your proposal. It talks about
2004 recommended items for early procurement and you talk about nanofiltration and reverse osmosis
2005 membrane equipment. But, you're talking really about Ion Exchange. Am I right? So we're not...,
2006 we, we should ignore anything in here that talks about R.O. and focus... And I don't see a
2007 description of the Ion Exchange. I love the little demonstration. I'm hoping somebody's gonna
2008 drink that water, but I don't see anything describing the Ion Exchange piece here.

2009 **Mr. M. Ramos:** While the...

2010 **Board Member Botel:** So...

2011 **Mr. M. Ramos:** While Dr. Cushing comes up here to explain the Ion Exchange a little bit
2012 more... Good question. The, the early procurement on its concept, right? It's, it's key for the
2013 early delivery. It's a progressive design...

2014 [Chuckles]

2015 **Mr. M. Ramos:** As a progressive design-build delivery method, we'll, we'll collaborate with
2016 you up front, finalize the design options, evaluate the design options, and the procurement for the
2017 selected equipment is what will be..., it'll be procured early on.

2018 Bob will come and explain the Ion Exchange.

2019 **Board Member Botel:** Okay.

2020 **Dr. B. Cushing:** Sure. Right.

2021 In terms of the nanofiltration and the other items that are in the proposal, right now, we
2022 propose Ion Exchange. We think it has an awful lot of benefits for you. But, the decision could
2023 go to nanofiltration, or another technology. And so, in the proposal, we talked about early
2024 procurement of those long lead time items.

2025 **Board Member Botel:** Okay.

2026 And so, it might be the case that we decide... And I'm particularly concerned about the
2027 growth in the City. I'm concerned about, you know, making sure that we are preparing for forty-
2028 five, fifty..., 2045, that is, and 2050, being sure that we're taking into account the significant growth
2029 that's gonna happen.

2030 With there be sufficient quantity of water just using... what's the name of that aquafer?

2031 **Dr. B. Cushing:** The Biscayne aquafer.

2032 **Board Member Botel:** Biscayne aquafer.

2033 Would, would..., you're saying we can go out to 2045 before we have to go as deep as the
2034 [stammer] Floridan..., how did you say it?

2035 **Dr. B. Cushing:** That's correct.

2036 **Board Member Botel:** Floridan aquafer. Are you sure about that? I mean, are we, you
2037 know, given everything that we know about how the City..., how people, New Yorkers like me,
2038 we're all coming down here, right? So, there's gonna be a lot and we, we're seeing what's
2039 happening with the real estate situation down here. We know that we're growing. So, will there
2040 be sufficient quantity of water to meet our demands into 2045, 2050?

2041 **Dr. B. Cushing:** There, there should be from what see'..., from what we see there. The, that
2042 curve that we had was based on BEBR medium growth projections. And so, they, they tend to
2043 be..., tend to be accurate. So, they may be off a little bit, but they shouldn't be off too much.

2044 The other thing is, even if we had to go to the Floridan aquifer and treat some of the water
2045 with reverse osmosis, we'd still wanna use Ion Exchange for every drop of the Biscayne we had
2046 because it would avoid us wasting water and it would reduce our, our costs there.

2047 **Board Member Botel:** Can you give an estimate? I mean, we, we know that we are very...,
2048 also very concerned about the cost of water to our rate payers, can you give me some kind of an
2049 estimate about the savings that could accrue by using the Ion Exchange versus R.O.?

2050 **Dr. B. Cushing:** Yeah. We, we would..., we would expect combined life cycle rate impact
2051 savings of on the order of twenty-five percent. Twenty to twenty-five percent. I think the other
2052 thing that's important to note is these near term solutions that Liz talked about. When, when she
2053 talked about optimizing that polymer dose, it's using equipment that you already have. And that
2054 change in dose is just pennies a month on, on customers' bills. So that really was..., that initial
2055 color removal relief, is, is...

2056 **Board Member Botel:** That's huge...

2057 **Dr. B. Cushing:** ...very cost...

2058 **Board Member Botel:** ...for us.

2059 **Dr. B. Cushing:** ...effective.

2060 **Board Member Botel:** That's huge. People... I mean, I can't tell you the calls we all get
2061 about the color of the water now.

2062 Go ahead. Go to somebody else while I'm looking [inaudible]...

2063 **Chairperson Lanier:** Yes. Go ahead, Mr. Lawson.

2064 **Board Member Lawson:** Thank you, Madam Chair.

2065 You spoke about the Boynton Beach project. From approval [stammer] of the Council to
2066 turning it over to the City, how long did it take to be completed?

2067 **Mr. M. Ramos:** From approval of the Council to the [inaudible] completion and having a
2068 functional facility?

2069 **Board Member Lawson:** Yes.

2070 **Mr. M. Ramos:** Todd built that. Todd, do you remember?

2071 **Mr. T. Palmatier:** [Inaudible]. Two years. [Inaudible].

2072 **Mr. M. Ramos:** Two years.

2073 **Mr. T. Palmatier:** [Inaudible].

2074 **Board Member Lawson:** Okay.

2075 So, it took us two..., it took two years. And, when was that project completed?

2076 **Mr. M. Ramos:** In 2017?

2077 [Inaudible comment]

2078 **Mr. M. Ramos:** 2016.

2079 **Board Member Lawson:** Okay.

2080 And when we talked about, one of our biggest concerns has been making sure we bring a
2081 quality product to our residents. Also, making sure that the money that's being spent is kept within
2082 our community. Your local participants said that they were gonna intend to bring the new blood
2083 to the table. How do you intend on actually doing that and making sure that we use the locals here
2084 in the community?

2085 **Mr. M. Ramos:** Excuse me. How do we intend to..., can you repeat the, the last part?

2086 **Board Member Lawson:** How do intend on making sure the locals benefit from this project?
2087 'Cause I know we have a very aggressive number of fifty percent of the construction is gonna be
2088 done with locals. How do you intend on making sure that is actually completed and the locals
2089 benefit from the money that's being spent in the community...

2090 **Mr. M. Ramos:** Yeah.

2091 **Board Member Lawson:** ...on this water plant?

2092 **Mr. M. Ramos:** [Inaudible]. I got a whole entourage behind me but... [Chuckle]. But
2093 before, before I let them come and, and give their, their part of the answer. There's, there's
2094 different ways, right? I think the approach of ensuring fifty percent of the workforce is, is local to
2095 the area here. There's different ways... At, at the end of our presentation here, we have something
2096 through our financing model that brings the value of basically paying the local subcontractors
2097 within a two week pay cycle. Right? On a pretty difficult project, subcontractors...

2098 **Board Member Lawson:** Mhmm.

2099 **Mr. M. Ramos:** ...we're speaking local subcontractors here, but all subcontractors are only
2100 allowed to bill the general contractor once a month. Right? We are only allowed to bill you once
2101 a month for the work. That's progressing, that's put in place.

2102 And then, the payment comes in another month later. Right? So, if you're an owner of a,
2103 of a local subcontractor, you're, you're gonna be financing about two months worth of expenses
2104 out of your own cashflow. Right?

2105 **Board Member Lawson:** Mm.

2106 **Mr. M. Ramos:** So, bringing this model will, will enable us to really, you know, continue to
2107 inject our cashflow and get it, get it flowing quicker with the subcontractors. Gonna set 'em up
2108 for success so they can continue to grow.

2109 That's just one of the tools. Breaking down packages to make the, you know, the, the work
2110 more amenable to them so they can, you know take on those challenges and break up the scope of
2111 work packages. So, I'll give you an example. Instead of putting an entire roof system as one
2112 package and bid it out to the local subs, we'll break it up in pieces so they can handle those better.
2113 You know, adding and recruiting and we're gonna expand on that. Bring in more certified firms
2114 into the, into the program, and the mentor/protegee program to try to help them and coach them
2115 on, on getting qualified.

2116 And another thing that PCL does, is we have our own bonding pro'..., program. Sometimes
2117 that's a, on its own thing, an impediment for subcontractors to do business on, on larger projects.
2118 And we work with them and qualify them and have our own bonding program to enable, you know,
2119 fostering more local participation. But...

2120 **Board Member Lawson:** That was the follow up in regards to the bonding. So, that's very
2121 good.

2122 You pretty much touched on everything. So I wanna give my colleagues some additional
2123 time. But...

2124 **Chairperson Lanier:** Yes.

2125 **Board Member Lawson:** ...just also making sure that we're clear with.., what locals really
2126 are. So, I know you said locals..., some people look at locals as, you know, Palm Beach County,
2127 State of Florida. Locals, we wanna make sure that locals are being addressed with the residents
2128 here in this community starting first and then expanding out to the capacity you can fill within
2129 Palm Beach.

2130 So, that's just more of a statement versus a request. I'm gonna let my colleagues go.

2131 **Mr. M. Ramos:** We're, we're aligned.

2132 **Chairperson Lanier:** Thank you...

2133 **Board Member Lawson:** Thank you.

2134 **Chairperson Lanier:** Commissioner Anderson? [Pause]. Do you have any?

2135 **Vice Chairperson Miller-Anderson:** Oh, no.

2136 **Chairperson Lanier:** Alright. Very good.

2137 I wanted to ask, because this is a dwindling field, professional field for plant operators, for
2138 water treatment operators, how do you propose to get the local community, local Riviera Beach
2139 residents, involved in that process of training them to be able to work in this field?

2140 **Mr. M. Ramos:** Good question. I think you're, you're not alone with all your different
2141 brother and sister cities, right, having an issue of shortages of qualified operators.

2142 There's different ways. First of all, and I think you saw this in one of our earlier slides,
2143 that were committing to retaining all the operators that are already there. Right? And training
2144 them, so I would say that's kinda like step one. Step two, there's ways of recruiting operators.
2145 When we talk about workforce development, we're not only talking construction workforce, right?
2146 I think op'..., operators, that's a workforce, is something we're considering also.

2147 And so, how do we, you know, starting that early in the recruitment process... We've
2148 supported cities in the past, you know, bringing them in through some of the water conferences
2149 that happen as part of the industry, conferences in, in., around South Florida and the State of
2150 Florida, where the City current operators and the Staff will come in and start recruiting operators
2151 as well. You know? And, and those kinda capture some of those audiences.

2152 Another element I will say is, you know, our partner Carollo Engineers has licensed
2153 operators. When we talk about a mentor/protegee program, we can develop a program where
2154 Carollo's coming in and delivering some sort of curriculum, let's say four hours of classes every
2155 quarter or something, to continue to help those operators improve..., improve on their skills.

2156 Then lastly I will say, with..., and I'm sure you saw the rendering, with that cool of a
2157 building, and that cool of a treatment plant, I think that on its own is gonna be an attraction for
2158 people that are in that field to wanna come work for the City of Riviera Beach in the water plant
2159 and be operators for the life cycle of that plant.

2160 **Chairperson Lanier:** Okay.

2161 One final question from me. Besides Riviera Beach being the best City to live, work, and
2162 play, what was your impetus for responding to this RFQ?

2163 **Mr. M. Ramos:** You know, your, your question kinda makes me think of, you know, so
2164 what? Right? What do we bring to the table? Why, why us kinda thing?

2165 And, when, when you look at the screen there, the, the solution that we're talking about
2166 implementing, on those four elements, when I really step back and look at each one of those things,
2167 they're..., they all have the same goal in mind, which is really bringing value to the community.
2168 Right? When, when you look as an example, clean, reliable water. Well, the forty-five day
2169 solution and really looking at how can we quickly try to figure out how to dimmish the, the public
2170 perception issue on the color, right? How do we do that? That's, that's not for our own benefit,
2171 right? That's for the benefit of the residents.

2172 When we look at, you know, there's innovative design for, for perhaps with the Ion
2173 Exchange versus nanofiltration of the R.O. treatment, saving on having to drill more wells, the
2174 twenty percent less expensive to build. Again, right? That's not for us. As a business, we're
2175 contracting on a smaller project, that's the benefit of the, you know, the rate payers. They're
2176 paying for a, for a more expensive project.

2177 So, when we look across, we're really driven to ensure that we're doing the right thing for
2178 the City of Rivera Beach and the residents. We heard from them. And they're pretty passionate.
2179 They live it every day. Right? This isn't something that they come across once a month or once
2180 a quarter, this is their lives, so we wanna help with that.

2181 **Chairperson Lanier:** Thank you.

2182 Madam Clerk, time?

2183 **Deputy District Clerk Smith:** You have five minutes left.

2184 **Board Member Botel:** Oh, Madam Chair?

2185 **Chairperson Lanier:** Yes. Go ahead.

2186 **Board Member Botel:** Are you.., you know, we've got this new infrastructure bill that's
2187 just been passed. Are you concerned at all about delays that might come as a result of even more
2188 people seeking the kind of equipment, the kind of preordering that you talked about? Or, is this
2189 something that you think that you can handle?

2190 **Mr. M. Ramos:** Let me get my crystal ball.

2191 **Board Member Botel:** Yeah. Right, right.

2192 [Chuckles]

2193 **Mr. M. Ramos:** Did you not bring it?

2194 Yes. So, you were asking earlier about the early procurement, right? Material shortages,
2195 you guys see it. You know? You see it everywhere. Things getting stuck in ports and... You
2196 know, I, I think that some of the techniques that we've been implementing to improve some of
2197 those things is exactly what kind of materials of construction are we designing. Right?

2198 So, we're gonna work with our designers, is it better to use stainless steel of a certain grade
2199 or of a different grade, what's more readily available? Which materials get fabricated here in the
2200 U.S., so you're not having to deal with things that you're shipping from, from, you know, from
2201 overseas. And it's a very relevant thing. A lot of the water, wastewater treatment plant equipment
2202 manufacturers, some of them are overseas. Right?

2203 And we've worked on projects.., and, and you're picking the right delivery method so you
2204 can get ahead of all those risks that Darin was talking about, identifying those risks so we can bring
2205 you those solutions up front. Those are right up the alley of the things he was talking about.

2206 **Board Member Botel:** I, I have a Tourism Committee, trying to get more people to
2207 understand the value of coming to visit this destination, as opposed to going to Orlando, let say.
2208 Do you see any potential ecotourism opportunities for this plant? Is it something that you could
2209 envision?

2210 **Mr. M. Ramos:** I don't know if anybody from the team has any ideas there? Jill,
2211 ecotourism?

2212 I know, I know in previous projects and Jill was talking about potentially an education
2213 component, when you..., when we were doing the fly through, through the park, right? To try to
2214 kinda educate on water and the value of water for the, for the young residents of Rivera Beach.

2215 **Ms. J. Lanigan:** Absolutely.

2216 I think these projects always create that opportunity to learn and preparing our young
2217 people, especially, for those future careers. You know, technology is advancing so fast. And to
2218 have this kind of state of the art facility right in their backyard, is something that they can relate to
2219 and visit. Not just once in a while but all the time.

2220 We talked about the park area, actually incorporating education throughout the park. So,
2221 that's something they can experience daily on a, on a walk with their family, or walking to school.
2222 So, it's something that really, through every part of this facility, there are those opportunities to
2223 provide education and provide what is really a destination within the community.

2224 **Board Member Botel:** Mm.

2225 **Ms. J. Lanigan:** Something they can be proud of too.

2226 **Board Member Botel:** Thanks. I have one last question.

2227 If we had to..., if we projected out a greater need than we might see now, is there an
2228 opportunity..., will there be sufficient space in the plant to use not only Ion Exchange, but also
2229 reverse osmosis?

2230 **Mr. M. Ramos:** Yeah.

2231 I, I think your question is mostly about, you know, when you, when you start looking at
2232 flows, additional capacity...

2233 **Board Member Botel:** Yeah.

2234 **Mr. M. Ramos:** ...and, and, you know, the footprint of the technology, I think, is, is really
2235 the driving factor...

2236 **Board Member Botel:** Yes. Yes.

2237 **Mr. M. Ramos:** ...versus the real estate that you have available.

2238 Do you wanna talk about footprints of the two different technologies?

2239 **Dr. B. Cushing:** Sure.

2240 We would.., we would certainly have the flexibility, in terms of the infrastructure
2241 surrounding it, as well as the footprint that would give us that flexibility for reverse osmosis in the
2242 future, anytime it would be needed. And, flexibility to expand in other ways as well. Certainly.

2243 **Board Member Botel:** Thank you.

2244 **Chairperson Lanier:** Thank you.

2245 And the last question for me is, what sets you apart from the other team that has responded
2246 to this RFQ?

2247 **Mr. M. Ramos:** You know, again, from.., if you.., I can refer you back to that screen, right?
2248 Our forty-five day solution, really acting fast. Acting fast in, in trying to address, immediate needs.
2249 The twenty percent less expensive, and the innovative design concept that we're coming up with,
2250 it's, it's different from the RFQ, right, and that we wanna evaluate with you and bring those
2251 savings.., bring those savings to the City. The fifty percent goal of getting the local workforce
2252 here, that are gonna build this project, so the money stays here. But also, the skills stay here for
2253 years to come.

2254 I, I will say those are the, the three elements.

2255 **Chairperson Lanier:** Thank you.

2256 Madam Clerk.

2257 **Deputy District Clerk Smith:** You have thirty seconds left.

2258 **Board Member Lawson:** Madam...

2259 **Chairperson Lanier:** Go ahead and...

2260 **Board Member Lawson:** ...Chair?

2261 **Chairperson Lanier:** ...and finish up, sir. You got thirty seconds.

2262 **Board Member Lawson:** Madam Chair, I have one more question real quick.

2263 **Chairperson Lanier:** Okay. Go ahead. Thirty second.

2264 **Board Member Lawson:** Operations of the current facility, I love the idea of addressing the
2265 brackish water, addressing some of the concerns we have with the facility, the return time in
2266 regards to turning over the new facility to us, and actually working with the current Staff that we
2267 have there?

2268 If you could address that briefly.

2269 **Mr. M. Ramos:** Yeah.

2270 A hundred percent. I think we've, we've done this recently with one of your neighbor
2271 cities here. As I mentioned earlier, Carollo has licensed operators, and you know, they, they
2272 [inaudible], they show up to the plant and collaborate with the staff, and really look at all the
2273 different water quality data to test the performance of a plant to try to tweak that, as you heard Liz
2274 and Bob starting to talk about how they already got a jump start on that. So, we're certainly
2275 committed to, to do that.

2276 It's gonna be needed to hit this goal on the forty-five day immediate results.

2277 **Board Member Lawson:** Right.

2278 Thank you, Madam Chair.

2279 **Chairperson Lanier:** Thank you, sir.

2280 And thank you guys so much for your presentation.

2281 **Board Member Botel:** Thank you.

2282 **Chairperson Lanier:** We really appreciate it. And we'll go to our next...

2283 **Mr. M. Ramos:** Thanks everyone.

2284 **Chairperson Lanier:** ...presenter.

2285 Thank you so much.

2286 We'll take a short, three minute break for.., we can change up for our next presenters.

2287 [City seal is displayed for ten minutes]

2288 **Chairperson Lanier:** ...get started with the last presentation of the evening.

2289 **Deputy District Clerk Smith:** Madam Chair, before we get started, can we get a motion to
2290 extend the meeting past the 10:00 o'clock?

2291 **Board Member Botel:** Motion to extend the meeting...

2292 **Board Member Lawson:** Second.

2293 **Board Member Botel:** ...until we're finished.

2294 **Chairperson Lanier:** Second?

2295 **Deputy District Clerk Smith:** Second?

2296 **City Manager Evans:** Madam Chair, if I may?

2297 Before you take any action, I would just ask that the Board wait for the rest of your
2298 Members to be present.

2299 [One minute pause]

2300 **Chairperson Lanier:** We can continue.

2301 Madam Clerk, take the...

2302 **Deputy District Clerk Smith:** Board Member Douglas Lawson?

2303 **Board Member Lawson:** Yes.

2304 **Deputy District Clerk Smith:** Board Member Julia Botel?

2305 **Board Member Botel:** Yes.

2306 **Deputy District Clerk Smith:** Chairperson Shirley Lanier?

2307 **Chairperson Lanier:** Yes.

2308 **Deputy District Clerk Smith:** That vote passes.

2309 **Chairperson Lanier:** Ms. Jacobs.

2310 **Acting Executive Director Jacobs:** Thank you, Madam Chair.

2311 For the record again, I'm Deirdre Jacobs, the Acting Utility Special District's Director...
2312 Executive Director.

2313 The last group that will be presenting tonight is the Haskell Company and CDM Smith.
2314 The process will be the same. There will be thirty-five minutes for their presentation and then an
2315 additional twenty minutes for questions and answers.

2316 Thank you.

2317 **Mr. M. Hoisington:** Thank you for giving this team the opportunity to present to you
2318 tonight. I am Michael Hoisington, your overall Project Manager for this project, single point of
2319 accountability. And also here with me is Mr. Vincent Brown, with Brown Electrical Solutions.
2320 He is Mr. Riviera Beach. He brings to the table the.., his, his company here in town. And also,
2321 he's got two generations of family here. And also, he works and plays and has fun in the area. He
2322 lives the Riviera Beach goals.

2323 Vincent.

2324 **Mr. V. Brown:** Thank you so much, Mike. Smile everybody.

2325 [Chuckles]

2326 **Mr. V. Brown:** Don't look so tense. I know it's been a long night. My name is Vincent
2327 Brown, proud owner of Brown of..., Brown Electrical Solutions.

2328 So, tonight we're coming with the, the Haskell Group and CDM Smith. I wanna first say
2329 the reason why I chose Haskell and CDM Smith, first and foremost, Haskell is based here in the
2330 State of Florida, in Jacksonville. And, Haskell and CDM Smith both share the same vision that I
2331 share and that is building wealth within the community of Riviera Beach. Next slide, please.

2332 As you can see, we understand the vision of Riviera Beach. The vision is to live, work,
2333 and play. Brown Electrical Solutions definitely work' in Riviera Beach, we live in Riviera Beach,
2334 and we play in Riviera Beach. As you can see, there's 35,000 residents here in Riviera Beach.
2335 Some of the residents work for me right now. If you guys will please stand, Brown Electrical
2336 Solutions.

2337 [Chuckle and applause]

2338 **Mr. V. Brown:** These are Riviera Beach residents. This is what a Riviera Beach dollar
2339 looks like. Everyone that stand' works for me and live in the City. When they get paid, they take
2340 their dollars to Headliners, where they can get a haircut, or William Wells, or Terry's Studio.

2341 If they wanna get something to eat, they'll go to Rodney's Crabs or Tazz. Those of you
2342 who know Tazz, and get a nice breakfast. We know we can't have pork there. We also shop right
2343 here in Riviera Beach at the local Publix right up the street. We also eat at Mulligan's and Johnny
2344 Longboats, which I had the Haskell Group to go out there today and they said they really enjoyed
2345 the food. Shout out to Singer Island, which is also a part of Riviera Beach. We're not just two
2346 communities, we're one. Next slide, please.

2347 Youth Empowerment Program. What does that look like? We understand, here with
2348 Haskell/CDM Smith, and Brown Electrical Solutions, that to bring up the next generation, you
2349 start with the youth. That is our next engineers, our next civil planners, our next investors, our
2350 next architects, our next electrical engineers, our next..., our next general contractors, our next
2351 construction management.

2352 **Mr. M. Hoisington:** Thank you.

2353 Project goals. Our goals align with your goals. First, we gotta [stammer] provide high
2354 quality water on time and on schedule. We gotta keep the dollars local to Riviera Beach. We've
2355 gotta minimize the impact to the rate payers with this project, and we gotta provide economic
2356 stability and growth.

2357 Water is the foundation of communities. If we don't have good, clean drinking water, we
2358 don't have growth. With the project that we are proposing here today, we'll bring that growth and
2359 stability to this area for generations to come.

2360 So, look at this amazing building. I'm excited to be here tonight to talk about it. And, with
2361 this team, we will be able to put this, this project in place within two years and we'll be able to
2362 bring great economic growth to this area. So...

2363 **Mr. M. Hoisington and Mr. V. Brown:** ...we will deliver the highest quality of water to the
2364 City and build wealth within the community.

2365 Yes, sir.

2366 [Applause]

2367 **Mr. M. Hoisington:** So, our Agenda is, is laid to follow the proposal. It's very basic. So,
2368 our organization and team information, unmatched development team experience. So, as you've
2369 already met myself and Mr. Brow, we got a..., we, we hand selected the key team members for this
2370 project based on their experience with South Florida Water, quality, and also, they are a hundred
2371 percent committed to this team.

2372 Each of these speakers up here will be devoted to this project, a hundred percent to, to
2373 commit to delivery of this project. So, we've hand selected the team. We've also worked with
2374 the local community to bring local subcontractor that have a depth of experience with similar size
2375 projects, and scopes. We're gonna bring that to this project to maintain and expedite the
2376 construction of the project.

2377 I'd like to introduce Steve. He's gonna be the Design Manager for the project.

2378 **Unk.:** When you look at our team's experience by the numbers, you can see that we've
2379 successfully delivered over eleven hundred progressive design-build projects in Florida. Over
2380 twenty membrane water treatment plants in the tri-county area, as well as completed over twenty-
2381 two successful pilot studies in the Florida area.

2382 One thing you may ask is, what, what does this mean? What does this mean to me? And,
2383 I'm gonna tell you that our knowledge is..., of treating waters, source waters, in Florida is
2384 unsurpassed. Simply put, our team's experience, designing and construction of water treatment
2385 plants in southeast Florida is second to none.

2386 **Mr. M. Hoisington:** So, here's some past projects. And I wanna say, I was the project
2387 manager. We were the progressive design builder for the City of Venice R.O. water treatment
2388 plant. That's a project here in the state, that was executed with excellence and is also an award
2389 winning project. And we're gonna bring that team to this project to design and execute for this
2390 community.

2391 **Unk.:** Our team is also completing..., currently completing the \$1.8 billion water treatment plant
2392 expansion in Houston, Texas. I., which happens to be the largest water progressive design-build
2393 project in the nation. I served as Design Manager on that project and I plan to bring that knowledge
2394 and expertise to the City of Riviera Beach to deliver your project.

2395 I'm also very happy to point out that we were the designers and constructors of the \$30
2396 million Boynton Beach water treatment plant project, as well as the designers for the Boca Raton
2397 water treatment plant. Which happens to be the largest membrane softening water treatment plant
2398 in the nation.

2399 Overall, our team has installed over a hundred and forty-five million gallons a day of water
2400 treatment plants in Palm Beach County alone. And I'm proud of that. [Chuckle]. .

2401 **Mr. M. Hoisington:** It's amazing. So, we've done this in the past. Here's a, here's a project
2402 just down the street from you. There's a very successful P3 project. And we're gonna bring that
2403 same team that delivered that project, on time and under budget, to, to your community, to execute
2404 your project. This is a national, award winning project, and we're excited to be here to work with
2405 you on your project also.

2406 **Unk.:** So, we just finished showing you how we've delivered this type of project, both locally
2407 and nationally. So I'm gonna help answer the question that you may have, is hey why the Haskell
2408 – CDM Smith joint venture? What [stammer] sets us apart from the rest of the teams? I'm gonna
2409 tell you that our two firms are fully integrated design-build firms.

2410 And what that means is, is that we have an inhouse design team that can sit and work
2411 collaboratively with our construction partner, to sit in the front seat as we deliver and design your
2412 project today. That's different from other teams that you may have heard from today that are
2413 contractors that hire engineers, that don't have trusted and proven procedures to deliver a project.

2414 We are always..., we're also the most experienced design-build team in Florida, as we were
2415 showing earlier. And, quite honestly, we're gonna continue providing and, and engaging our
2416 Riviera Beach partners. Such as Vincent Brown's firm that we were talking about earlier.

2417 **Mr. M. Hoisington:** Financial capabilities. I'm gonna bring up Steve, our financial branch to
2418 discuss this portion.

2419 **Unk.:** Thanks Mike. Our team is proposing to use a 501(c)(3) method of, of delivery to minimize
2420 the financing costs of this project, and they're many benefits to that method of delivery, which
2421 you've been exposed to in the last couple of months. But I'm gonna concentrate on just a few of
2422 those.

2423 And, and two tops ones are by far the most important. The speed of funding and the low
2424 cost tax exempt financing. We told you in the [inaudible] behind and in, in a April meeting, I think
2425 Mr. Colin Groff talked about if you go through a 501(c)(3), you might pay as much as twenty-five
2426 basis point more than what you could get as a District. Today, the market is such that you'll pay
2427 zero. You'll get the same rate and the same rating because there's so much money on the street
2428 looking for these kinds of projects. So, that's the good news.

2429 The other part of it, of course, is the achieving the quickness of getting the rates. This is a
2430 chart to show that we are going to start right away. We wanna use the American Rescue Plan
2431 money to start the design process right away. And the key milestone here is, arriving at a GMP.
2432 We can arrive at the GMP in twenty weeks. That would be the middle of April, and we can close
2433 third week in May.

2434 We would use..., you can see on the right hand side there, we would use your syndicate to
2435 market and sell the bonds of syndicated investment bankers that have already gone through the
2436 RFP to select and then achieve this goal of getting this done in the third week of May.

2437 Also, making it affordable is very important. We had a series of these debt service
2438 schedules in your.., in the written response. And this is just the exercise, interim exercise, to, to
2439 talk about affordability. Looking at your Utility study that you did, if you do put in a six percent
2440 rate increase for five years, that spins off \$4.5 million of extra net cashflow.

2441 The debt service there is the same as lease payments. So, we're matching the affordability
2442 of the net cashflow with those, you know, lease payments. We're doing it with a strategy of a
2443 capitalized interest for two and a half years. And then interest only for two and a half years. And
2444 then, we're pushing out some principle in order to get the, you know, you see the 4.4 kind of rates
2445 along the, the early years there. And then it gets you to 2037, which is when your senior debt
2446 expires.

2447 So, that's a strategy that we think would work. And, you know, please feel free to ask
2448 questions about this 'cause I'm not gonna go through all the assumptions on this particular chart
2449 at this time, but... The other thing about affordability is loans and grants. We know this is a very
2450 important thing for you all, to, to, to do and it's important for us to do. We have a great amount
2451 of experience getting.., applying for loans, getting those loans and applying it to our client's
2452 business.

2453 Certainly, the new infrastructure legislation that's out will be a, a new bit of money coming
2454 in and we wanna be able to use all of that in order to cut down the amount that we have to borrow.

2455 Saving debt capacity. If that is also important to you, that can be done with a 501(c)(3).
2456 The debt goes on our books, not yours. There's a little bit of a downside if you do it that way,
2457 which I can also discuss in the question and answer period. But, that is certainly one of the benefits
2458 that we look for.

2459 And then, on the Boynton Beach project, things [stammer] deal with, you know, adding
2460 value to the project, is something we wanna bring to your project. So, things like prepayment of
2461 the ground lease. Maybe we do that so you can have some rates standardization type money. We
2462 can take a thirty year ground lease and we can prepay it and, and bring up some extra cash for you
2463 to use. Quick payment turnaround to.., for subcontractors and for vendors. We did that a lot on
2464 the Boynton Beach project to get money to some of those small businesses that need to buy
2465 materials and can't afford to do it, get.., getting to.., getting that money to them before the end of
2466 the month when the payouts come. And just maximizing investment return, the savings on the
2467 tax.., sales tax and things like that.

2468 Mike.

2469 **Mr. M. Hoisington:** Thank you. So, products innovation and development management
2470 plan.

2471 So, as you can see this amazing building. This team will deliver this project by November
2472 28 of 2023. To do that, we need to align our goals with your goals to achieve the opening. We're
2473 committed to the first thirty days. That's extremely critical for this project. We need to, we need
2474 to get your buy in, we need to get your concepts and ideas out on the table, meet with our designers,
2475 come up with a strategy.

2476 And also, we wanna have seamless turnover. We wanna do training and commissioning
2477 with your current Staff on this advanced water treatment system. To do that, the first four weeks
2478 are extremely critical. So, we want buy in from the community. We wanna have a groundbreaking
2479 ceremony in the first thirty days. We need the community to be involved and excited about this
2480 project. We wanna get the, the media out there, and we also wanna get the local schools present.
2481 And then, to get additional buy in, we're gonna do project signage. You know, in the, in this first
2482 four weeks we, we've got a pretty detailed plan, so we can show that there's work happening on
2483 this site.

2484 So, here's a concept of what we were thinking for the graphics and to, to show the progress
2485 of the site. But also, what's also critical will be the, the kickoff meetings. I've got Layla to, to
2486 discuss that portion.

2487 **Ms. L. Llewellyn:** Thank you, Mike.

2488 So, we have a series of workshops that are planned to be held with the City in order to
2489 exchange information and drive decisions on the project. The first would start on the first day and
2490 the last would happen during the last week of our first thirty days. So again, what those workshops
2491 look like, the first one we call a partnering and alignment session where we, with the City, will
2492 come to consensus on the project's visions, goals, and critical success factors. And our goal,
2493 coming out of this workshop is to, with the City, become one integrated project team. So we're
2494 all on the same page and we all know what we're trying to achieve.

2495 Our second workshop is the preliminary treatment workshop, where we will bring to you,
2496 our knowledge of these treatment processes and, with you, review them. In consideration of the
2497 City's existing water quality and your water quality goals. We'll look at advantages and
2498 disadvantages of each and we'll also review treatment costs.

2499 During this meeting, we'll also look at the risk register for this project for the first time,
2500 where we'll talk about potential impacts to the schedule, and to the cost. We will also look for
2501 opportunities for cost savings and scheduled acceleration.

2502 Our third and final workshop is the treatment process selection workshop. At this meeting,
2503 we'll already know which treatment trains we're looking to consider for selection. And with the
2504 City, we will work to determine what the evaluation criteria will be for that selection. We will
2505 review with you and determine, based on relative importance, weights to assign to each of those
2506 criteria. And then, using a matrix, we'll score and rank those alternatives.

2507 Coming out of this workshop, we'll know what the best selection is for the treatment train
2508 for the City and we'll move that alternative forward into design. These workshops are aimed at
2509 making informed decisions so that we can begin early procurement of equipment in order to
2510 advance your schedule.

2511 I'm gonna be working very closely with Dr. MacNevin. And I'll transition to him.

2512 **Dr. D. MacNevin:** Thank you very much, Layla.

2513 So, as we were developing our approach for this very important project, we started by
2514 looking at the experiences of our team partner, Globaltech, who has been helping with the existing
2515 water treatment process for the past five years. But, we wanted to go a step further. We wanted
2516 to go into the water distribution system.

2517 So, I sent a team of engineers out into the water distribution system in June and what they
2518 did was, they ran tests. They filtered large quantities of water and we identified some sediment.
2519 We wanted to understand what's going on today so that we can assure you that the treatment
2520 process provided will provide excellent quality water. And the results we found were somewhat
2521 surprising and unexpected.

2522 What we know for sure is that membrane treatment will need to be part of the ultimate
2523 solution. Why? It does two things very well. It softens the water, removing calcium hardness,
2524 preventing scaling. Second, it removes organic matter which can impart a hue or color to the
2525 water. And also, lead to the formation of regulated disinfection byproducts.

2526 But, there's something else and it's really important, it cannot be neglected. It's hydrogen
2527 sulfide. Not only will it impart an odor to the water if not completely removed at the treatment
2528 plant, but it can also cause cloudiness and sediment, as I will show you. Please watch the next
2529 slide very closely. I'm going to demonstrate something to you.

2530 The video you're going to see is from our laboratory. This is not Riviera Beach water but
2531 it's going to show a test that we ran, that helped us to understand that the white sediment that we
2532 found during our field testing, may not actually be calcium. We think it's related to sulfide.

2533 So, you see three glasses here and, on the left hand side, we have a control. We added to
2534 calcium to the middle and sulfide. Sulfide is colorless. But, in the final step of treatment when
2535 disinfection is done, if sulfide's not fully removed, chlorine reacts to the sulfide to make a cloudy
2536 water. If you just look at those two waters, it would be impossible to know why it's cloudy.

2537 What we did with the sample we had was, we added sodium sulfite and we saw a similar
2538 change in the water where the cloudiness went away. And that helped us to understand, the
2539 sediment we collected when we filtered the water, was coming from sulfide that had not been fully
2540 removed from the treatment plant and was forming during chlorination. If we added the same
2541 chemical to a water that had calcium or lime turbidity, cloudiness, there's no effect.

2542 So, what's the takeaway from that? Degasifier design will be critical to providing the high
2543 quality water that you expect. Why? Because it's an essential hydrogen sulfide removal [stammer]
2544 process. Membranes do not remove hydrogen sulfide, but they do very well at removing those
2545 other important treatment objectives.

2546 So by including a effectively designed degasifier, you will have a complete treatment
2547 solution for these three important objectives.

2548 **Ms. L. Llewellyn:** If you look through our proposal, you probably notice that we presented
2549 three alternatives for what that treatment train could look like. We believe that a membrane
2550 degasifier combination is the best treatment selection for the City. It offers the lowest cost from a
2551 capital cost perspective and a life cycle cost perspective, and it is also forward looking in that this

2552 treatment selection allows the City to be in a position where you're better prepared to deal with
2553 potential upcoming regulations regarding contaminants of concern, such as PFAS.

2554 However, we will review these alternatives with you. All of them. But I'll take a moment
2555 here to pause and, and remind you that this membrane degasifier combination is the same treatment
2556 train that we have designed and constructed for the City of Boca Raton, for Palm Beach County,
2557 and for Seacoast Utility Authorities.

2558 So, we will review all these alternatives with you during the second and the third workshop,
2559 and with the City, select the best alternative for the City.

2560 **Mr. M. Hoisington:** By selecting the Haskell/CDM Smith team, you will not only
2561 receive a state of the art water treatment facility, but you will also have a team who is committed
2562 to water membrane operator education. That's something I'm really proud of with our
2563 organizations.

2564 I serve as a volunteer member of the Board of Directors for the Southeast Desalting
2565 Association, and one of my colleagues at Haskell also is on the Board. And we're passionate about
2566 educating operators about membrane processes, and within the first few months of this project,
2567 when we're working with you, we will work to set up a training so that your operators can get the
2568 education that they would need to understand how membranes work and what they will need to
2569 know when we include them during the pilot testing, to get the hands on training. And then finally,
2570 when they step into that membrane treatment building, they'll know exactly what they're looking
2571 at, and the learning curve will be very short for them to assume control and operate this facility
2572 with confidence.

2573 **Mr. S. Collins:** So, based on our understanding of treating water quality issues in Florida,
2574 as well as building on the water quality testing that Dr. Dave had described, we are..., we proposed
2575 three alternatives. This is just one alternative that shows a design concept that, the first day, day
2576 four actually shown in the schedule, we would be installing a perimeter site fence that will show
2577 in'..., inserts of design concepts of what the facility will look like when the citizens of Riviera
2578 Beach are coming to the site.

2579 **Mr. M. Hoisington:** As you can see, the critical path for this project will be going through
2580 the membrane building. And because of all the early design work that this team will..., has already
2581 worked on and will also be furthering additionally, we're going to order the equipment early.
2582 That's going to guarantee that we'll be able to meet the end date in mind.

2583 And you can see on this, there's, there's, there's several pipes going in and out of the site.
2584 We have a plan already in place to execute the tie ins so there will be no interruptions to the rate
2585 payers in this community.

2586 **Mr. S. Collins:** We will be procuring membrane pilot equipment in the first week, that will
2587 be used to treat and, as well as train, the Riviera Beach Staff to learn how to work with membrane
2588 systems. Our design is flexible, to be able to expand to meet future demands. We'll be able to
2589 meet that one and a half MGD expansion increments that are needed.

2590 What we see here in this, in this screen, is in green you can look at where we're able to
2591 install a membrane skid that will provide the, the flexibility that are needed. Additionally, at the
2592 ground storage tank, you can see where we're able to add another pumping, distribution pump,
2593 that will allow the City of Riviera Beach to pump the additional water to meet the demands of the
2594 system.

2595 **Mr. M. Hoisington:** So, with the plan that we got in place, and this team, we feel we can easily
2596 execute and deliver this project on time, on budget, and provide high quality drinking water for
2597 this community.

2598 **Mr. S. Collins:** One thing is, we're installing the final construction aspects and we will have
2599 the membranes installed., we're commissioning those. And we'll be treating., we'll be training
2600 the City of Riviera Beach Staff, so we'll provide a seamless transfer of start up and commissioning
2601 of the new facility by November 28th of '23.

2602 **Mr. M. Hoisington:** So, safety. It's key for both of our project teams. We want each of the
2603 workers to arrive and leave in the same shape, just with, with a good day's work behind them.

2604 And what, what sets the stage for us, both our teams are seven times safer than the national
2605 average.

2606 **Mr. S. Collins:** On our Houston project, I am very proud to report that just we surpassed a
2607 5.4 million man hours without any lost time assets. Which is a huge milestone. Something that
2608 we're all very, very proud of.

2609 **Mr. M. Hoisington:** So, another component of this project will be risk. We wanna., we wanna
2610 manage the risk so there's no unforeseen issues. We are gonna do that to this risk register.

2611 **Mr. S. Collins:** Our risk management process is a very transparent and collaborative
2612 approach that's specifically designed to accommodate the needs of a progressive design-build
2613 project. One of the items that this process provides, is it, it identifies, classifies, and analyzes, as
2614 well as quantifies the amount of schedule and cost risk that you have on the project. And this risk
2615 register is used throughout the project, and updated. And this is an integral part for us, as your
2616 design builder, to be able to prepare a guaranteed maximum price proposal so the City of Riviera
2617 Beach has more dollars they can put towards capital improvements, and will eliminate surprises.

2618 **Mr. M. Hoisington:** So, to maximize local participation, I'd like to introduce Terri Williams,
2619 who I've worked with many times in the past and look forward to working with her again on this
2620 project.

2621 **Ms. T. Williams:** Thank you, Mike. Good evening.

2622 We understand the City's Procurement Code when it comes to local vendor preference.
2623 We also understand the District's requirements for twenty-five percent local subcontracting
2624 participation, in addition to the fifteen percent local vendor preference.

2625 As a supplier diversity professional, I am very excited about the opportunities that are
2626 gonna be available for the vendors within this local community. In order to meet the expectations

2627 of the City, we will maximize project awareness through traditional advertising, and also utilize
2628 social media platforms to get the community involved and excited about this project. We'll also
2629 host information meetings to have your co'.., subcontract community come out, learn about details
2630 of the project, meet with our team and discuss their capabilities and opportunities that are available
2631 to them. We'll also work with your third party organizations that already support your local
2632 subcontracting community as well. Next slide, please.

2633 Historically, when it comes to projects of this size, MBE, small and minority owned firms
2634 have been shut out due to the inability to maintain bonding. We want to eliminate that. We want
2635 to remove that barrier, so as we do the meetings and the outreach and go through the
2636 prequalification process, we're going to use our inhouse bonding solutions where we won't require
2637 them to bond the project.

2638 Mike is gonna talk about how we're going [inaudible].

2639 **Mr. M. Hoisington:** Yes.

2640 And so, as you saw in, in our site layout, there's multiple structures on the project. We
2641 wanna break those structures down so they're small bid packages for the local community. We
2642 wanna get a lot of buy in from, from the community. So, we're gonna tailor each of those packages
2643 so that the ven'.., the local vendor's are able to participate on this project.

2644 We're also gonna breakdown the design documents. There's gonna be thousands of
2645 documents on this project, and we're gonna.., we're gonna try to make it easier for the community
2646 so they can participate in this project.

2647 **Ms. T. Williams:** So, once we've done all the advertising and we've met with
2648 everyone who's interested, and we have the best, most qualified local subcontractors, the project
2649 team will sit down with them to review their bids that were submitted to clear up anything that
2650 may have been missed, and go over clarifications before we expediate award. Next slide, please.

2651 Let's talk about the numbers. So, when it comes to achieving local participation, this is
2652 where we excel on these projects. Average, we are averaging twenty-two percent when it comes
2653 to local, small, minority, woman owned firms. And forty percent for local participation within
2654 communities that we work in.

2655 **Mr. M. Hoisington:** Terri and I have done this in the past, and we will keep your money
2656 local here in Riviera Beach.

2657 **Ms. T. Williams:** Next slide, please.

2658 So, as we engage the community when it comes to your local subcontractors, we also want
2659 to go a little bit further, get the whole entire community involved. And, we've been working with
2660 our partners and discussing when we have our kick off meetings, and we have our local community
2661 outreach meetings, we're going to engage, you know, restaurants that have the capabilities to cater,
2662 and we're gonna work with our community outreach partners, and our local partners to use social
2663 media platforms and get everyone involved, keep the lines of communication open, to get the

2664 community excited about the project. Keep them informed on what's going on as far as the project
2665 goes.

2666 What better way to leverage the, the talent that you already have within your community
2667 by creating mentor/protegee programs. Mentor/protegee programs are not a one size fits all, so
2668 we tailor our program to meet the needs of the vendor by sitting down and having conversations
2669 with them about what it is that they need. Where are the gaps? How can we help them move their
2670 business to the next level?

2671 **Mr. M. Hoisington:** Also, what we've done in the past on other projects in Florida, we
2672 did the underemployed and second chance program. We successfully executed that pro'..., that on
2673 the St. Pete project, where we worked within our..., with our local community there and we were
2674 able to employ those employees on our staff to perform work on the project locally.

2675 **Mr. V. Brown:** Also, we will also look at internship programs and tours for local
2676 students. Down below, you will see the local schools that we have listed here in Riviera Beach,
2677 three elementary schools, one middle school and, two high school that's based here. We will set
2678 up with the principals at these schools and we will schedule for them to bring the students out to
2679 the job sites. So, therefore, the students could be exposed from start to finish, of a construction
2680 project of this magnitude.

2681 **Mr. M. Hoisington:** Thank you, Vincent.

2682 So..., now, I'd like to hand it over to our executive leadership, Pete Kinsley and Frank.

2683 **Unk.:** Thanks, Mike.

2684 Riviera Beach is an important growing community that's transforming itself, and the
2685 Riviera Beach water treatment plant is a critical project to that transformation. The Haskell/CDM
2686 Smith joint venture, with our local partner, Brown Electrical Solutions, is the team to help you
2687 realize that vision and complete that critical project.

2688 As I prepared for the presentation I, of course, I thought about your community, I thought
2689 about the project, but I also thought about the competition, the two other firms that are being
2690 considered. I thought about each of you, the selection committee, those that have been entrusted
2691 with this important decision. And I thought about the vision of the leadership of this community
2692 to, to Reimagine Riviera Beach. And I would acknowledge that the competition is strong. Very
2693 fine firms are competing for your work. But, I would tell you that I believe deeply that we are the
2694 team to help you realize that vision because of some distinct features of our team and I think we
2695 only provide for you. And I'd like to talk about those quickly.

2696 So, the first is world class design and a commitment, and a specialization in design-build
2697 delivery. That's gonna ensure you high quality water and a project that's delivered on time. I
2698 would tell you that our team has an unequal commitment to this community that's gonna drive
2699 project dollars back into Riviera Beach. We also have a funding solution, and a spirit of flexibility
2700 that we're bringing to the financing solution that's gonna drive the rates down for your
2701 constituents.

2702 And finally, and this is really critical, is that we are deeply experienced in working on
2703 active water treatment plants. And as you transition from your existing facility to your new facility,
2704 there will no disruptions of service to your community. That's the foundation of the kind of
2705 economic prosperity and growth, is to have consistent Utilities. And we'll deliver on that.

2706 What I'll tell you is that I was thinking about this important project and delivering this
2707 critical infrastructure for this important community, I thought about other communities that are
2708 entrusting us with their important projects. I thought of the hospitals that we design and build
2709 throughout the country, we're...

2710 **Deputy District Clerk Smith:** Excuse me, Madam Chair?

2711 You have two minutes left.

2712 **Mr. P. Kinsley:** Perfect. Thank you.

2713 I thought about the hospitals that we design and build around the, around the state and
2714 around the country and, and there's nothing more important when a loved one is sick. Right? And
2715 I thought about the schools, K-12, colleges and universities where our, where our young people go
2716 and young adults, and adults go to learn. And I thought about the countless water treatment plants
2717 that we built in this state, and throughout the..., and throughout the country. Some of which were...,
2718 some of which were featured in our proposal, many were not.

2719 And I would say that there are some that we delivered directly for your advisor, Colin
2720 Groff. And the reason I share this is because the alignment of our vision. We understand how
2721 important infrastructure is to communities. Infrastructure is the foundation of a community.
2722 Right? The protection of public health and welfare, is infrastructure. It's critical to the community.
2723 We understand that infrastructure, honestly, said simply, makes people's lives better.

2724 And so, for you to, to Reimagine Riviera Beach to, to create a community to live, work,
2725 and play, you have to deliver on that infrastructure and we understand that deeply, and are equally
2726 committed to delivering on that infrastructure.

2727 So, in closing, I'd like to make one statement and one promise. It's gonna be a challenging
2728 job. It's a hundred to \$150 million drinking water plant. It's a challenging project. But we have
2729 assembled the perfect team to deliver this project with excellence. The perfect team. We've done
2730 it many times before, and we'll do it again. And I would promise you, I will promise you, Frank
2731 will promise you, this entire joint venture will promise you, as well as our business partner, Brown
2732 [stammer] Electrical Solutions, if we're fortunate enough to be selected for this project, it'll be
2733 delivered with excellence. It'll be delivered with excellence. And that's on time, that's below
2734 budget, and that's creating high quality drinking water that'll serve this community for decades.

2735 And with that, our team stands ready to answer any questions that you might have.

2736 [Timer]

2737 **Board Member Lawson:** Madam Chair?

2738 **Board Member Botel:** Chair?

2739 **Chairperson Lanier:** Thank you.

2740 Do you wanna restart... Madam Clerk?

2741 **Deputy District Clerk Smith:** Yes.

2742 **Chairperson Lanier:** Alright. Go ahead...

2743 **Board Member Botel:** Thank you.

2744 A couple of questions about this, this chart, the Figure 6.4, where you've got the
2745 alternatives listed. Did you, did you say that you did the Boynton Beach project? In Boynton
2746 Beach.

2747 **Unk.:** Yes.

2748 **Board Member Botel:** And, they chose the [stammer], they chose an Ion Exchange
2749 method?

2750 **Mr. M. Hoisington:** That's correct.

2751 I'm gonna pass this on to Steve.

2752 **Board Member Botel:** Can you speak about why they chose that?

2753 **Ms. S. Machler:** Hi. I'm Suzanne Machler. I'm with CDM Smith. And I was heavily
2754 involved in that Boynton Beach design-build project.

2755 Lived and breathed it for three years. But the, the, the reason why they chose the MIEX
2756 was really because they wanted to maintain the lime softening facility. In your case, you're
2757 demolishing your facility as part of this project. The value., it's obviously a lower cost solution,
2758 but you also have another lime softening facility that's ongoing.

2759 So, they, they wanted to keep the cost down. They had a budget in mind, and they already
2760 had a lime softening facility. So part of the project was not only the Ion Exchange but also a
2761 retrofit and a completely redo of the lime softening portion of the facility, so that could get back
2762 to a, a thirty to fifty year life that they were looking for.

2763 **Board Member Botel:** Okay.

2764 And so, all of these alternatives here include using a Floridan well, as well as a surface
2765 wells. And so, they all include a concentrate disposal well. How much does that impact the cost
2766 of the project versus, say, the Ion Exchange?

2767 **Ms. S. Machler:** And, and also just to note, I'm gonna let Dr. Dave help too. But, an Ion
2768 Exchange still has concentrate with it. Depending on the amount there are options that you can do

2769 it on it, but it doesn't complete., you don't., if you go to Ion Exchange you don't get rid of
2770 concentrate. You will have concentrate no matter what.

2771 Do you wanna talk about the amount?

2772 **Unk.:** Sure.

2773 So, South Florida is really a center of membrane treatment and that's because we're blessed
2774 to have the Boulder Zone, which is a highly transmissive formation that allows for cost effective
2775 disposal of these concentrated flow streams that membrane processes produce. And you can see
2776 that this is not an issue in this region because so many Utilities have been able to implement this
2777 solution and get the benefits from this type of high treatment.

2778 So, yes. There will be a need to drill one of those disposal wells, whether you're using Ion
2779 Exchange or using membrane treatment. But, the good news that., is that you're geographically
2780 well positioned based on the geology where you can get an effective., cost effective disposal
2781 solution.

2782 **Board Member Botel:** Does the Ion Exchange method remove the hydrogen sulfite that you
2783 found in our water?

2784 **Unk.:** So, that's an interesting question. I have actually worked before, at other communities that
2785 have tried to implement Ion Exchange, and I've seen some challenges when Utilities try to do a
2786 dual process with Ion Exchange. The problem is that if you try to use Ion Exchange for organics
2787 removal, and then also a sulfide, there's a type of bacterium known as sulfide oxidizing bacteria
2788 that it's the perfect growth environment for this bacterium.

2789 And, the problem with that, especially if you're using the fluidized-bed process for Ion
2790 Exchange. Such as Boynton Beach has., is you can get a condition where that bacteria begins to
2791 grow on the resin and you'll get [inaudible] out of resin which could be a very costly from an
2792 O&M perspective.

2793 So, the best practice is really to separate the sulfide removal treatment from the Ion
2794 Exchange treatment, where you won't get that bacterial fouling that could create an operational
2795 headache. So that's really a better design practice, that I've., we've seen in our experience.

2796 **Board Member Botel:** And now, of course, we're always now concerned about PFAS.

2797 **Unk.:** Absolutely.

2798 **Board Member Botel:** What, what., what do we have to do to make sure that we don't have
2799 any of that stuff in our water?

2800 **Unk.:** Absolutely...

2801 [Timer]

2802 **Unk.:** So, emerging contaminates, such as PFAS is something that I have studied and I'm very
2803 passionate about, I've even worked on multiple projects in the state, looking at taking reused water
2804 and taking it to drinkable standards. And we've done work with the water research foundation,
2805 and the great news is that membrane treatment is a best available technology for removing PFAS.

2806 But not just PFAS. Other emerging contaminates, pharmaceuticals, hormones, membranes
2807 have some advantages over Ion Exchange, or carbon, in that respect. They provide a very robust
2808 barrier for those types of contaminates. Which is why it's even used in the extreme case of
2809 wastewater reuse.

2810 **Board Member Botel:** Thank you.

2811 **Chairperson Lanier:** Thank you.

2812 Let me go to Mr. Lawson.

2813 **Board Member Lawson:** Thank you, Madam Chair.

2814 I noticed that you guys have an average of twenty-two percent SB, WMBE, and forty
2815 percent local, average. We're looking for a commitment from a firm, because our goal is to really
2816 focus on keeping these dollars circulating in our community. We love that you brought in a lot of
2817 our local vendors but we wanna make sure that that commitment stays where the local is going to
2818 be spent here in this community. Those dollars have to be spent here.

2819 So, right now, that average is, is great. But, right now, we need a commitment, we need
2820 something that's gonna show these dollars are gonna be spent with our local businesses, our local
2821 vendors, with our SBEs, our WMBEs and our local contractors. So, what percent are you
2822 averaging on your last project? 'Cause I know you guys just did Boynton, you said. Correct?

2823 **Ms. L. Llewellyn:** Yes. Absolutely. We understand.

2824 So, we had a similar situation in Macon, Georgia where we actually had a local
2825 participation goal for local. They outlined specifically, we only want to include small, women
2826 owned, minority owned firms that are within these specific counties. And I know here, it's just
2827 the City of Riviera Beach.

2828 So what I can guarantee you is that, with this team, that we will do..., we're intentional
2829 when it comes to including small and minority owned businesses on all of our projects, regardless
2830 if the client is asking us..., that of us. And that we do..., we're proactive. We already conducted an
2831 outreach event here on October the 7th.

2832 So, with the knowledge and our relationships that we have here, we're proactive, we're
2833 intentional, and we do aggressive outreach, which is most important. I can't give you a specific
2834 number on what it would be here in this City, because we have to consider, you know, the
2835 availability and the capacity for the subcontractors that are actually here within the City of Riviera
2836 Beach.

2837 **Board Member Lawson:** And I guess that's the point I'm looking for. We have to build up
2838 that capacity. Our goal is to make sure that we can actually have the capacity from the people.
2839 And I love your internship program, the externships and training of our community but building
2840 that capacity of our residents. 'Cause if we're gonna be spending this kind of money, we need to
2841 make sure that's gonna be impactful for years to come, not just getting a water plant done in two
2842 years.

2843 **Ms. L. Llewellyn:** Absolutely.

2844 **Board Member Lawson:** Number one priority is to deliver it by November, but also is to make
2845 sure that our residents are gonna benefit for the next generations. 'Cause this plant is gonna have
2846 a life expectancy..., our last one was built in '58. So...

2847 **Ms. L. Llewellyn:** Yes.

2848 **Board Member Lawson:** ...if we're looking at the next fifty to sixty years of a water plant,
2849 we wanna spend this money that's gonna impact these residents.

2850 **Ms. L. Llewellyn:** And we understand that.

2851 And so, in the Boynton Beach area, they had a participation goal of fifteen percent. We
2852 achieved thirty percent.

2853 **Board Member Lawson:** And that was a minority and...

2854 **Ms. L. Llewellyn:** That was for small businesses. They didn't...

2855 **Board Member Lawson:** Small business?

2856 **Ms. L. Llewellyn:** ...specifically have a goal for women owned or SDB which is MBE, the
2857 same thing. But we did achieve 8.5 percent when it came to women owned firms, and 5.4 percent
2858 when it came to minority owned businesses, for a total of over \$13 million within that local
2859 community.

2860 **Board Member Lawson:** Okay.

2861 And, just a follow up. Cause the cost difference between the alternatives. I see that
2862 alternative one, two, and three with the membrane, the ionization, can you give me some ideas and
2863 understanding as to the.., what the cost difference between them would be? I know we're selecting
2864 a firm just based on their credentials but I wanna have an idea, since we have these different options
2865 that are being presented, 'cause this is unique from what I'm seeing tonight.

2866 **Unk.:** I understand. I'm gonna let Lela handle that.

2867 **Ms. L. Llewellyn:** The cost difference is really going to be driven based on the selections that
2868 we make together with the Council, and with the rest of the City stakeholders.

2869 Overall, we're estimating that this project is going to be somewhere between a hundred
2870 and a \$150 million. But the end result of what that cost value is, will be based on the decisions
2871 that we make together as an integrated team.

2872 **Unk.:** So, something that's worth noting I think, right up front on that project is, the very first
2873 thing we're gonna do is, be able to do a baseline cost estimate to be able to give you a better
2874 understanding, with your input. That's the piece we're missing right now, is your input, and your
2875 operations input, and we'll be able to drill in.

2876 So, that's a huge range we just gave you, a hundred to a \$150 million. So, once we do...
2877 go through that estimate, we'll be able to drill down and say this one's a hundred and twenty, this
2878 one's a hundred and thirty, and this one's a hundred and forty-five. But we need more information.
2879 Honestly, we need your partnership to be able to give you that. I can tell you numbers now, but
2880 they're not gonna be any good.

2881 **Board Member Lawson:** Of course. Thank you.

2882 Thank you, Madam Chair.

2883 **Ms. S. Machler:** Let me just add, based on our experience, that what you see between
2884 alternatives one, two, three is, is complexity of the different types of technologies, and then adding
2885 treatment technologies. And so, any time you add a treatment technology, you're adding that cost.
2886 Right?

2887 So, membrane is base, but if you're gonna add, you know, a pretreatment or a
2888 posttreatment, then you're adding cost to that. And so, what you see here is the first alternative is
2889 the most cost effective alternative. And the, the alternative three, which has a lot more complexity
2890 in operations and equipment, is the, is the costliest alternative, which is why when we did some
2891 early analysis of your water quality, knowing what you want to achieve, we think we can achieve
2892 it with alternative one, and we will test it and we will confirm it. We will make it., we want the
2893 best water quality. That is key. But we also don't wanna spend money for the sake of spending
2894 money. Right?

2895 So, if we can do everything with limited treatment options, like focusing in your operators
2896 don't have to operate ten pieces of equipment, they have to focus on one or two, that's what we
2897 wanna try to achieve. So, when we look at this analysis, we'll do that with you, life cycle, capital,
2898 and also the, the complexity of the operation of the equipment.

2899 But in general, when you look at this, alternative one is the cheapest, alternative three is
2900 the most expensive.

2901 **Board Member Lawson:** Thank you.

2902 And, Madam Chair, I have another question but I'll wait 'til some'...

2903 **Chairperson Lanier:** Let me...

2904 **Board Member Lawson:** Madam Chair, I'm just... Let me finish.

2905 **Chairperson Lanier:** Alright.

2906 **Board Member Lawson:** I was just gonna say that I will let another colleague go. If there's
2907 any time left, I'd like to go with another question, please.

2908 Thank you, Madam Chair.

2909 **Chairperson Lanier:** Let me ask a question.

2910 Because you have such an [stammer] extensive work with the..., with other water plants,
2911 and you've looked at our water plant, what are some of the issues, or some of the challenges, that
2912 you envision, and how do you plan to resolve them?

2913 **Mr. M. Hoisington:** Some of the challenges I see to date, is material supply chain issues. It's
2914 pandemic related items that are currently affecting all construction projects. But, this team has
2915 already identified plans to overcome that challenge. We're gonna identify what process..., what,
2916 what process we're gonna execute for the treatment of your water and then we're gonna procure
2917 that equipment early. This equipment has a year to year and a half lead time at times, so if we can
2918 procure that equipment early, and then build the..., build the structures, and then set the equipment
2919 once it arrives, we'll be able to overcome those challenges.

2920 **Mr. S. Collins:** One thing I'd like to add to that. As we've taken the time to understand
2921 your existing facility, very important, is, there already is a sulfide removal process there today.
2922 However, the condition of it is such is that it's not fully able to achieve its intended function. There
2923 are, there are issues with it that where it really just needs to be replaced. And we've worked with
2924 other South Florida Utilities, even late this year, on helping them look at their degasifier systems.
2925 We're actually working with the largest Utility in the county on that, at a couple other water plants.

2926 So, we understand there are some issues and it's..., I think it has come to the point where
2927 getting new state of the art technology to address these needs, will be the right solution for the City
2928 of Riviera Beach.

2929 **Chairperson Lanier:** Thank you.

2930 And, and what sets you apart from the other firms that have, that have [inaudible]?

2931 **Mr. S. Collins:** Yes.

2932 I'm gonna let Brian Bedell handle that question.

2933 **Chairperson Lanier:** [Chuckle]. Okay.

2934 [Chuckles]

2935 **Mr. B. Bedell:** Yes. I'm the talking head tonight.

2936 You know what? What Pete talked about in the closing was, our firms together, Haskell
2937 and CDM Smith are specialized design-builders. This is all we do. This isn't something that's
2938 new to us. We do it on every single project. And so what does that mean to you? It means results.

2939 So we're different because we can show you tangible results on some more water plants,
2940 and the success that we're gonna bring to your project. So, as Pete talked about, that's on time,
2941 being able to bring the highest quality drinking water to your community. Predictably. Being able
2942 to deliver the project under budget. Those are the results that we're gonna bring, doing the project
2943 with the highest quality and the highest safety.

2944 Those are bold statements, but I make them because this is what we do, because we're
2945 specialized. As a joint venture and a full partnership, engineering is right there in the front seat
2946 helping to make all those big decisions right up front, that differentiates us from the other teams.

2947 **Chairperson Lanier:** Madam Clerk, time?

2948 **Deputy District Clerk Smith:** You have five minutes and thirty seconds.

2949 **Chairperson Lanier:** Any other...

2950 **Vice Chairperson Miller-Anderson:** Madam Chair?

2951 **Chairperson Lanier:** Yes. Go ahead.

2952 **Vice Chairperson Miller-Anderson:** I just wanted to clarify, I know we saw on the screen,
2953 that you did the Boynton Beach City Hall and Library but, I just wanna clarify, you said you did
2954 do the water treatment facility as well? Or you just designed it?

2955 **Unk.:** That's correct. I'm gonna let Steve [inaudible]...

2956 **Mr. S. Collins:** The easy answer is yes to that.

2957 **Ms. S. Machler:** Yes.

2958 So, just to clarify, 'cause I know it's confusing when you have so many different players
2959 [chuckle] coming to you.

2960 But, we were the prime on that contract. So, CDM Smith was the prime for that contract.
2961 It was a \$30.8 million contract. We ended...

2962 **Unk.:** For, for the water plant.

2963 **Ms. S. Machler:** For the water treatment plant portion of the work. So, completely different
2964 contract than the town hall. And so, yes. That is the answer. We designed it and contracted it.

2965 **Vice Chairperson Miller-Anderson:** Okay.

2966 Thank you.

2967 **Mr. M. Hoisington:** [Inaudible] and Haskell was the design builder for the town hall project.

2968 **Vice Chairperson Miller-Anderson:** Okay. Yeah. ‘Cause I, I do recall them saying
2969 something very similar. So that’s why I wanted to make sure [chuckle] that I had that correct.

2970 **Ms. S. Machler:** I, I, I will just clarify, ‘cause it’s not hidden anywhere. The reason why it
2971 sounds similar is because the PCL/Carollo team, was the sub to us on that contract.

2972 **Vice Chairperson Miller-Anderson:** Okay.

2973 **Ms. S. Machler:** Okay? And that’s standard. We worked together. So yes. They do work
2974 on the contract, we do work on the contract. We were the overall prime, we both designed and
2975 constructed.

2976 **Vice Chairperson Miller-Anderson:** Alright. Thank you.

2977 **Ms. S. Machler:** Did that help? [Chuckle].

2978 **Board Member McCoy:** Madam Chair?

2979 **Chairperson Lanier:** Yes. Go ahead, sir.

2980 **Board Member McCoy:** Ladies and gentlemen, so did you guys also do Seacoast Utility
2981 Authority?

2982 [Chuckles]

2983 **Ms. S. Machler:** It’s my world right here. Yes. We did Seacoast Utility Authority, which is
2984 a very similar to what you guys are looking to do because we demolished the lime softening plant
2985 and constructed a brand new nano and R.O. So, we covered both, the surficial aquafer system and
2986 the Floridan aquafer system as part of that project. We actually demolished two lime softening
2987 plants [chuckle] as part of that transition.

2988 That was a design of CDM Smith. And it’s been operating great. And one of the things
2989 that we’ve learned from that project is, is the importance of the, the seamless transition of
2990 operation. Because you do have two treatment., different treatment technologies that you’re,
2991 you’re gonna go through. And piloting, getting that experience, understanding what you’re gonna
2992 face and then being prepped and having a plan of action, to actually do the startup, is really, really
2993 key when you’re switching treatment technologies. And, and yes, we did that at Seacoast.

2994 **Board Member McCoy:** And, and that was designed in that hybrid model to do R.O. and then
2995 also the [stammer]...

2996 **Ms. S. Machler:** So, the... Yeah. We did not... And I, I wouldn’t recommend that, but
2997 that’s, that’s my personal [chuckle] preference. Dave can give his opinion. But we did two
2998 separate trains. So, the way they operate there, they have nanofiltration trains, which treat the
2999 surficial aquafer system, and they have low pressure reverse osmosis trains that treat the Floridan
3000 system. And they’re two completely different water qualities.

3001 And so.., and, you know, the other good thing that we.., that's there, that we didn't talk
3002 about here with concentrate, is because we have them separate, they can actually can leverage their
3003 nanofiltration concentrate and use that as part of their reclaim water system. And if you had them
3004 combined, you would not be able to do that.

3005 So they, they do have a deep injection well, but it's mainly for the Floridan aquafer system,
3006 or a backup. They send a lot of their concentrate from nanofiltration through their reclaim water
3007 system.

3008 **Mr. P. Kinsley:** So, Suzanne made some very good points about combining treatment like
3009 that, limiting disposal options for the concentrate, and use of nanofiltration concentrate is one very
3010 attractive reuse option that has been already successfully implemented by several South Florida
3011 Utilities.

3012 But, I have two other main concerns with the proposal to use R.O. to treat both the surficial
3013 aquafer and also the deeper [inaudible] aquafer. The first has to do with risk. And the proposal
3014 that was presented is risky because it is not being implemented by any Florida Utility and we have
3015 dozens of membrane water treatment plants in Florida, nobody is doing that.

3016 Why are they not doing it? Because, the two different water sources have very different
3017 water quality. The surficial aquafer has the organics, it has the hardness, alkalinity. The deeper
3018 water has, frankly, about five to ten times the hydrogen sulfide. So that is an even more important
3019 concern for your facility, if you tap into that aquafer. And what happens if you take those different
3020 chemistries and mix them together is, it doesn't simplify operations, it makes them more complex.
3021 And you can get unintended scaling reactions, and other things that really would be very difficult
3022 to manage.

3023 Also, it's more energy inefficient to use reverse osmosis membranes to treat the surficial
3024 water. You're going to look at least fifty PSI more of pressure which, for a facility of this size,
3025 it's going to significantly increase your electrical consumption and annual O&M. Nanofiltration
3026 membranes exist for a reason.

3027 They exist because in the '90s, we figured out that we don't need these high pressure R.O.
3028 membranes to soften and cleanup water. We can do it with lower pressure, energy efficient
3029 nanofiltration membranes. And, they save money for Utilities on the energy side, and they get the
3030 job done. So, use nanofiltration membranes for surficial water. Use R.O. for desalting the salty
3031 water.

3032 **Board Member McCoy:** I heard Board Member Botel refer to PFAS. I'm not sure what that
3033 is. Can someone explain that?

3034 **Mr. P. Kinsley:** Sure.

3035 So, PFAS is the term referring to perfluoralkinated.., polyimpor'.., perfluoralkinated
3036 substances.

3037 [Chuckles]

3038 **Mr. P. Kinsley:** I'm sorry, folks. It's after 10:00 o'clock.

3039 [Chuckles]

3040 **Mr. P. Kinsley:** My four kids would already be in bed by now after I gave them a bath.

3041 So., but, you know, these chemicals have been a part of our life. You know, they're highly
3042 effective for extinguishing fires, at airports, but they're very persistent and they don't break down
3043 naturally. And, even some of the legislation that has been discussed and is being passed this year,
3044 is looking to address PFAS from a federal level. So, we know, you know, from the latest PFAS
3045 action plan, which US EPA put out last month that an MCL is coming, the maximum contaminate
3046 level, is coming for PFOA and PFAS. These are two substances. So, if that shows up in one of
3047 the surficial wells, then it may become necessary to provide treatment to remove that contaminate
3048 if it's above or close to that maximum contaminate level.

3049 So, this is really a very big issue, that's receiving a lot of national attention. Federal
3050 regulations aren't here yet for drinking water but they're coming. The unregulated contaminate
3051 monitoring role is set to hit the street in the next couple years, and it's going to require Utilities
3052 around the country to not only monitor for the two PFAS compounds I told you, but a suite of
3053 almost two to three dozen compounds.

3054 So, it's really getting a lot of scrutiny and a lot of attention. And what the City of Riviera
3055 Beach can do by selecting membrane treatment is make sure that won't be an issue because
3056 membrane treatment removes large organic compounds like PFAS, highly effectively greater than
3057 ninety-nine percent.

3058 **Deputy District Clerk Smith:** Madam Chair, that's your time.

3059 **Chairperson Lanier:** Very good.

3060 Thank you so much for your presentation.

3061 **All:** Thank you.

3062 **Chairperson Lanier:** Thank you.

3063 [Applause]

3064 **Chairperson Lanier:** Thank you.

3065 Ms. Jacobs, can you give us some direction in terms of how we're going to proceed?

3066 **City Manager Evans:** Madam Chair?

3067 **Deputy District Clerk Smith:** Ma' ...

3068 **City Manager Evans:** Oh.

3069 **Deputy District Clerk Smith:** You go ahead.

3070 **Chairperson Lanier:** Yes.

3071 **City Manager Evans:** Madam Chair, I didn't know..., before Ms. Jacobs provides you some
3072 additional rules of engagement, would you like to provide for citizen comments before she
3073 provides...

3074 **Chairperson Lanier:** Okay.

3075 **City Manager Evans:** ...you with the...

3076 **Chairperson Lanier:** Very good.

3077 Do we have any citizen comments for...

3078 **Deputy District Clerk Smith:** We do. We have public comment cards. The acceptance of
3079 public comment cards is now closed. I do know some of the previous presenters stepped out and
3080 wanted to come back in for public comments.

3081 [Inaudible comment]

3082 **Deputy District Clerk Smith:** They're in... Okay.

3083 **Chairperson Lanier:** Go ahead.

3084 **Deputy District Clerk Smith:** Alright.

3085 So first we'll have Ms. Erica Davis, followed by Ms. Mary Brabham.

3086 **Ms. E. Davis:** Good evening, Council, City Manager.

3087 I am here to say, yay! Finally. We are on the move with this water plant.

3088 Second of all, I just wanna say, we have had the past experience of voting on con'...,
3089 contractors that were friends, cousins, 'we know them', or whatever. It's not about that. It's about
3090 experience. It's about knowledge. It's about timing and money, that we need to save. So
3091 therefore, for me, I think Haskell is the team.

3092 [Applause]

3093 **Ms. E. Davis:** I'm sorry. They have inhouse engineers, they have an experienced doctor
3094 that knows everything. And I think that's what we need. It's not about local this and local that.
3095 It's about experience and quality to get the things done. Remember, we have a two hundred
3096 thousand.., no, \$200 million project out right now. That's four years, going into next year.

3097 So, think about that when you make your decision on your contracts. 'Cause we're...,
3098 we're..., we're ready to move this City forward. So please, it's not about friends, it's not about
3099 politics, it's about experience and knowledge.

3100 Thank you.

3101 **Unk. Audience:** Thank you.

3102 [Applause]

3103 **Deputy District Clerk Smith:** Ms. Mary Brabham, and then Mr. Tommy Walker.

3104 **Ms. M. Brabham:** Ms. Mary Brabham.

3105 Let me just say, give all three of these groups kudos. You all stepped up to the plate.

3106 [Applause]

3107 **Ms. M. Brabham:** And I do not know which one to choose. Let Ms. Brabham say that.
3108 Because, each one of you delivered. And you delivered it in your own capacity, what you stand
3109 on and what you would do. And let me tell you what Ms. Brabham is gonna tell you to do.

3110 [Chuckles]

3111 **Ms. M. Brabham:** Whoever gets this contract, they will deliver. Because this will be a
3112 generational thing. So, just like I said before, you will weigh, you will weigh deep. Now, Ms.
3113 Brabham did do some weighing, but I'm gonna see your thinking pattern here. Who delivered?
3114 Who can bring us what we need?

3115 I need civic components. I need business components. I need [inaudible] components.
3116 And most of all, I would like to see.., know whether these buildings will have some conference
3117 rooms so that we, as a community, can come and engage. Because, we are building up and to have
3118 a generational Utility plant built in this City here, it must withstand for where we would go. We
3119 do not build for now, we build for the future. So, everything that we are navigating here, your
3120 minds will think in terms of the future. Not right now. We must build for the future.

3121 I, I, I did have some questions but [inaudible], I think your group had something pertaining
3122 to [inaudible]. Can you just enlighten me about that? You know, because, when I was reading
3123 some of the backup, it was saying that you, you, you could not apply for it this year, it would have
3124 to be in 2024. He's shaking his head, so he's knows what I'm talking about.

3125 [Chuckles]

3126 **Ms. M. Brabham:** And I must say, the ladies, kudos to you. Yeah, we can deliver.
3127 Commissioner Miller-Anderson, she has been with Ms. Brabham, as well as [stammer], others of
3128 us that were activists in this City here, fighting for this. So, I'm gonna give you a hand.

3129 [Applause]

3130 **Ms. M. Brabham:** We are finally at this moment in time here, that we can say that we are
3131 Reimagining with all of you all. And, and I've seen so much diversity...

3132 **Chairperson Lanier:** Thank you so much, Ms. Brabham...

3133 **Ms. M. Brabham:** Thank you all.

3134 **Chairperson Lanier:** ...for your comments. Thank you so much.

3135 **Ms. M. Brabham:** Kudos to you. Kudos to you.

3136 [Applause]

3137 **Chairperson Lanier:** Thank you so much.

3138 **Ms. M. Brabham:** Do your job, Tradrick, for Ms. Brabham.

3139 [Chuckles]

3140 **Chairperson Lanier:** [Chuckle]. Thank you...

3141 **Ms. M. Brabham:** Make me proud, baby.

3142 **Chairperson Lanier:** Thank you, Ms. Brabham.

3143 **Board Member McCoy:** Excuse me. My name is Councilman McCoy.

3144 **Ms. M. Brabham:** [Inaudible].

3145 **Board Member McCoy:** I would appreciate that.

3146 **Ms. M. Brabham:** Councilman McCoy.

3147 **Deputy District Clerk Smith:** Mr. Tommy Walker and Mr. Kent Pollock. And that will be
3148 the end, Madam Chair.

3149 **Chairperson Lanier:** Okay. Thank you.

3150 Mr. Walker. [Pause]. Is he here?

3151 [Inaudible comments]

3152 **Deputy District Clerk Smith:** Mr. Kent Pollock.

3153 **Mr. K. Pollock:** Good evening in this late hour. My name is Kent Pollock and I represent
3154 the community development district of Marsh Harbor.

3155 And I agree with Ms. Graham. The three presentations that we heard were eloquent. I was
3156 very impressed. If we're looking at team qualifications and experience, I think that all matched.
3157 If we look at the overall presentations, I think that was a good opportunity. For me, the difference
3158 maker was the finance opportunities that were shared and discussed.

3159 As a taxpayer, I'm very concerned about that aspect. And I think that one particular
3160 company stepped outside the box, just a little bit, and in their presentation they actually shared
3161 multiple financial options. And that was the one thing tonight that caught my eye, and that's
3162 sticking in my mind at this point.

3163 So, if I was the decider and I., if I was in your position and I had to choose, I would look
3164 very serious at that one particular point. 'Cause, when the rubber hits the road, what we cr'..., what
3165 we have to pay back as taxpayers is very critical. So, consider that as you make your decision.

3166 **Chairperson Lanier:** Thank you, sir, for your comments.

3167 **Deputy District Clerk Smith:** That's it, Madam Chair.

3168 **Chairperson Lanier:** Alright. Very good.

3169 Ms. Jacobs.

3170 **Acting Executive Director Jacobs:** Thank you, Madam Chair.

3171 On behalf of the City, I would like to say thank you to all three firms for your presentations.
3172 We sincerely appreciate the interest that you had in the City, and we're hopeful that even if we
3173 don't work with you on this project, that we'll be able to work with you on many more projects.

3174 As., as was mentioned by the audience, we are in a phase now where we're about to
3175 redevelop our entire City so there will many other opportunities to work along with you on other
3176 projects.

3177 Thank you again.

3178 We're in the stage now where we're gonna ask the Board if you would please rank the
3179 proposals. But before we do that, Mr. Goldstein is gonna come before again and just reiterate the
3180 process with regards to ranking the proposals.

3181 And then, I will pass out, amongst all of you, a sheet of paper that has a listing of all of the
3182 three firms and we just ask that you rank them one, two, and three.

3183 [Chuckles]

3184 **Mr. J. Goldstein:** Good evening again. Joe Goldstein from Shutts & Bowen.

3185 I, I think, based on our earlier discussion, you are at the point now, as Ms. Jacobs said, for
3186 you to, based on the qualifications, the contents of the submissions that you received, and from
3187 listening to the oral presentations, for you to, to rank the vendors one, two, and three.

3188 **Chairperson Lanier:** So, number one being the highest?

3189 **Mr. J. Goldstein:** Number one being the highest and then number two and then number three.
3190 And, and, earlier one of the questions., I, I think it's important for you to do the complete ranking
3191 because the way that this will work is, Staff will try to negotiate contract with the number one
3192 ranked. And if they're not able to do that, they would go to number two. If you didn't go do one,
3193 two, three, then you'd have to come back and, and redo this all over again.

3194 And just because it's been a long evening, and again, this was the way we asked the vendors
3195 to organize their proposals. And I think you saw from all of the presentations, they roughly

3196 followed this evaluation criteria, that is from Page 26 of the Request for Qualifications. Again,
3197 this was the scoring that we were going to use for shortlisting. You don't have to use this scoring,
3198 but I think it gives you a good guide and it certainly was a guide for all three companies in their
3199 presentations to you.

3200 And just to give you an example of what I mean by that, from.., for the shortlisting, what
3201 we were telling the vendors was that the most important of those criteria was project innovation,
3202 development, and management plan. That was worth thirty-five percent of.., when we were gonna
3203 score, for purpose of short ranking, all the way down to organization and team information at ten
3204 points.

3205 Again, you're not bound by that, but those are good guides for you all to use in making
3206 your ranking decisions. I don't know if there's any questions or.., that I, that I can assist you with?

3207 **Chairperson Lanier:** No. We can get to the paperwork. Ms. Jacobs.

3208 And, once we do these rankings, then what happens after that? Mr. Evans.

3209 **City Manager Evans:** Yes, Madam Chair.

3210 So, Ms. Jacobs is providing you with two pieces of paper that have your name. We ask
3211 that you rank on both of those pieces of papers. One you will keep, one you will turn in to the City
3212 Clerk's office. Once you have completed the ranking, then we ask that you announce who your
3213 number one, number two, number three ranked firm is individually. And then, we will also confirm
3214 the tally here and then announce who the one, number two, and number three ranked firms are
3215 based on the information that's provided by the Board.

3216 [Pause]

3217 **City Manager Evans:** And, Madam Chair, after the Board does complete the ranking and
3218 it's announced, Staff would request that the Board provide for a motion that accepts the ranking
3219 and then authorizes the appropriate Staff to commence the negotiation process with regards to a
3220 new water treatment plant.

3221 **Vice Chairperson Miller-Anderson:** Madam Chair?

3222 **Chairperson Lanier:** Yes. Go ahead.

3223 **Vice Chairperson Miller-Anderson:** I have a question about, once we do our rankings,
3224 how do you get to that determination from our rankings what one, two and three will be? If we're
3225 all in different areas?

3226 **City Manager Evans:** What we'll do, Madam Chair, is we'll, we'll look at the number of
3227 ones, how, how many firms [stammer]... If one firm got three number.., four number ones, that
3228 would conceivably be the, the highest ranked firm. And then we would look to go based on that.
3229 So, if they had.., you had a situation where there was some twos and ones and what have you, then
3230 we'll look to, to average it out.

3231 **Vice Chairperson Miller-Anderson:** Average it out?

3232 **City Manager Evans:** As, as it relates to the, the.., if you were to weigh the values of the
3233 ones, twos, and threes.

3234 **Vice Chairperson Miller-Anderson:** ‘Cause you all know I’ve been here and I’ve been
3235 through a few rankings of that and...

3236 **City Manager Evans:** [Chuckle].

3237 **Vice Chairperson Miller-Anderson:** ...it never turns out right. So.

3238 **City Manager Evans:** We’ll, we’ll, we’ll announce how many number ones, how many
3239 number twos, and how many number threes are, are associated with that.

3240 **Vice Chairperson Miller-Anderson:** Okay.

3241 And if, if it is..., maybe we could have a conversation and try to...

3242 **City Manager Evans:** Correct.

3243 **Vice Chairperson Miller-Anderson:** ...talk it out.

3244 **City Manager Evans:** Correct. Yes.

3245 **Vice Chairperson Miller-Anderson:** Yeah.

3246 **City Manager Evans:** Yes.

3247 **Vice Chairperson Miller-Anderson:** Okay.

3248 **Board Member McCoy:** I’m watching you, Doc.

3249 **Board Member Botel:** [Chuckle].

3250 [Pause and inaudible discussions]

3251 **Chairperson Lanier:** So, you want us to read out our rankings?

3252 **City Manager Evans:** Yes, Madam Chair.

3253 If you can just give us one second so we can organize them, so when you do read them out,
3254 we can reconcile them.

3255 **Chairperson Lanier:** Alright.

3256 Let’s take a three minute recess until they get these rankings together and then we’ll come
3257 back and...

3258 **City Manager Evans:** Madam Chair, if I may?

3259 I, I would prefer that the Board do not take a recess while the ranking, and all that, is...

3260 **Chairperson Lanier:** Oh. Alright. Very good.

3261 **City Manager Evans:** ...still in play.

3262 If you can give us thirty seconds.

3263 [Chuckles and inaudible discussions]

3264 **City Manager Evans:** Madam Chair?

3265 **Chairperson Lanier:** Yes.

3266 **City Manager Evans:** At this particular moment, we have tallied the scores. Before we
3267 announce the scores, if we can have the Board Members go individually and communicate who
3268 their number one, number two, and number three ranked firm, and then Mr. Goldstein will confirm
3269 the information and provide the total tally.

3270 **Chairperson Lanier:** We'll start with Mr. Lawson, Councilman Lawson.

3271 **Board Member Lawson:** Thank you, Madam Chair.

3272 Number one, Haskell Group, Haskell Company; number two, PCL Construction; number
3273 three Kiewilt.

3274 **Chairperson Lanier:** Mr. McCoy, Councilman McCoy.

3275 **Board Member McCoy:** Madam Chair, I think Councilman Lawson must have looked at my
3276 tally sheet because that's exactly what I have. Haskell, number one; PCL, two; and Kiewilt Water,
3277 number three.

3278 **Board Member Botel:** As much as it pains me to be in agreement with both the
3279 gentlemen....

3280 [Chuckles]

3281 **Board Member Botel:** ...I also have the same ranking of Haskell, one... And, by the way,
3282 I probably shouldn't talk too much but, this was probably one of the most difficult decisions I've
3283 ever had to make.

3284 [Inaudible dais comment]

3285 **Board Member Botel:** But, go ahead. One, two, three.

3286 **Chairperson Lanier:** Mine is Haskell, number one; PC' .., PCL, number two...

3287 [Applause]

3288 **Chairperson Lanier:** ...no. Haskell, number one; Kiewilt, number two; PCL, number
3289 three.

3290 Ms. Miller-Anderson.

3291 **Vice Chairperson Miller-Anderson:** Well, I guess I'll be the oddball here. And, I did
3292 PCL, number one; Kiewilt, number two; and Haskell, number three.

3293 **Chairperson Lanier:** Very good.

3294 Mr... Go ahead.

3295 **Mr. J. Goldstein:** Yes.

3296 Based on.., you could look at it two ways, but by either the lowest total score or who gets
3297 the most on'.., number ones, here either way the same result is reached. Haskell is your number
3298 one ranked vendor; PCL...

3299 [Applause]

3300 **Mr. J. Goldstein:** PCL is your number two ranked vendor; and then, Kiewilt is your number
3301 three ranked vendor.

3302 **Chairperson Lanier:** Thank you, sir.

3303 [Applause]

3304 **Chairperson Lanier:** Thank you, the Haskell Group, for your presentation. And thank all
3305 of the vendors for their presentation. We really appreciate it.

3306 [Audience chatter]

3307 **Chairperson Lanier:** We'll give them a minute.

3308 Mr. Evans, could you provide the next step?

3309 **City Manager Evans:** So, Madam Chair, pursuant to the information that was provided,
3310 we would like for the bro'.., the Board to take action to accept the results and then authorize Staff
3311 to move forward in the subsequent steps as it relates to negotiating the terms and conditions of an
3312 agreement that would move forward the construction of a new water treatment plant.

3313 **Board Member Botel:** I move that we accept the results of this poll.

3314 **Vice Chairperson Miller-Anderson:** Second.

3315 **Board Member McCoy:** Second.

- 3316 **Chairperson Lanier:** Madam Clerk.
- 3317 **Deputy District Clerk Smith:** Councilperson Douglas Lawson?
- 3318 **Board Member Lawson:** Yes.
- 3319 **Deputy District Clerk Smith:** Board Member Julia Botel?
- 3320 **Board Member Botel:** Yes.
- 3321 **Deputy District Clerk Smith:** Board Member Tradrick McCoy?
- 3322 **Board Member McCoy:** Yes.
- 3323 **Deputy District Clerk Smith:** Vice Chairperson KaShamba Miller-Anderson?
- 3324 **Vice Chairperson Miller-Anderson:** Yes.
- 3325 **Deputy District Clerk Smith:** Chairperson Shirley Lanier?
- 3326 **Chairperson Lanier:** Yes.
- 3327 **Deputy District Clerk Smith:** Thank you.
- 3328 **Chairperson Lanier:** Our next step, Mr. Evans.
- 3329 **City Manager Evans:** Madam Chair, now that the Board has accepted the results, if you
 3330 can now place a motion on the table to authorize Staff to move forward with the negotiations
 3331 related to an agreement to move forward with a water treatment plant.
- 3332 **Board Member Botel:** Move to authorize Staff to move forward with negotiations.
- 3333 **Vice Chairperson Miller-Anderson:** Second.
- 3334 **Board Member Lawson:** Second.
- 3335 **Chairperson Lanier:** Madam Clerk.
- 3336 **Deputy District Clerk Smith:** Board Member Douglas Lawson?
- 3337 **Board Member Lawson:** Yes.
- 3338 **Deputy District Clerk Smith:** Board Member Julia Botel?
- 3339 **Board Member Botel:** Yes.
- 3340 **Deputy District Clerk Smith:** Board Member Tradrick McCoy?
- 3341 **Board Member McCoy:** Yes.

3342 **Deputy District Clerk Smith:** Vice Chair KaShamba Miller-Anderson?

3343 **Vice Chairperson Miller-Anderson:** Yes.

3344 **Deputy District Clerk Smith:** Chairperson Lanier?

3345 **Chairperson Lanier:** Yes.

3346 **Deputy District Clerk Smith:** Thank you. That...

3347 **Chairperson Lanier:** Very good.

3348 **Deputy District Clerk Smith:** ...vote passes.

3349 **Chairperson Lanier:** We now have...

3350 **Board Member McCoy:** Madam Chair?

3351 **Chairperson Lanier:** ...the opportunity...

3352 **Board Member McCoy:** Madam Chair?

3353 **Chairperson Lanier:** One..., wait one second, sir. We now have an opportunity to move
3354 forward with the Haskell Group as our chosen entity for building our new water plant and the City
3355 of Riviera Beach can now be on the road for a new water plant.

3356 Thank you, thank you, thank you.

3357 [Applause]

3358 **Board Member Botel:** Madam Chair? Before you go, before you go. I, I, I think we all
3359 have a few things to say. I know Mr...

3360 **Chairperson Lanier:** Yes.

3361 Go ahead, Mr. McCoy.

3362 **Board Member McCoy:** So, Ms. Wynn and Mr. Evans, I actually .., during some of these
3363 presentations, I know I was looking at the UD Charter and specifically the parcel that was
3364 purchased that abuts Blue Heron, is UD. Will we need to authorize this also on the City side for
3365 the existing Public Works facility?

3366 And, not only that, it gets even more interesting when we talk about financing this because,
3367 you know, UD is an enterprise fund that's specifically for Water Utility District. So, obviously, I
3368 imagine there's gonna be more conversations to come on the City side relative to this Item.

3369 **City Manager Evans:** Madam Chair, if I may?

3370 **Chairperson Lanier:** Yes. Go ahead.

3371 **City Manager Evans:** Absolutely, Councilperson. Especially the monies associated with
3372 the allocation that we got from the federal government. So, there is some things that we're gonna
3373 have to do on the Staff side to make the transaction as clean as possible. So there is subsequent
3374 action that is contemplated as part of this process.

3375 **Board Member McCoy:** One more question.

3376 Did we account for the write in candidate that was on the ballot?

3377 **Board Member Botel:** [Chuckle].

3378 **Board Member McCoy:** Just kidding.

3379 That's all I have.

3380 **Board Member Botel:** Madam Chair?

3381 **Chairperson Lanier:** Yes. Go ahead.

3382 **Board Member Botel:** So, I just wanna say a few things to the Haskell Group. This..., for
3383 me, this was a very, very difficult decision based really on the science of it. And I think you, you
3384 made a really good case for analyzing our water and, and really further analyzing it to come up
3385 with the right solution.

3386 I, I had PCL as my first until you began to talk about the problems with Ion Exchange.
3387 And, and although that seemed to be a less expensive solution for us, I'm worried about the future,
3388 and I'm worried about the, the issues of the PFAS and the other contaminates that perhaps will not
3389 be eliminated with the Ion Exchange solution. But one of the things that PCL did offer was a fifty
3390 percent local labor. And I think that you really need to strive to accomplish that same amount if
3391 you can. I know that, that will be in, in your sights but that's something that really is of great
3392 concern to us on this Council, on this Board.

3393 The other thing, let's see... The workforce development. That workforce...

3394 **City Manager Evans:** Ma'...

3395 **Board Member Botel:** ...development for us, and, and it's particular..., well, we're, we're
3396 all concerned about...

3397 **City Manager Evans:** Ma'...

3398 **Board Member Botel:** ...workforce development. We...

3399 **City Manager Evans:** Madam Chair, if I may?

3400 Those are all gonna be subject of negotiations.

3401 **Board Member Botel:** Okay.

3402 But I wanna just..., I just..., only because I, I know you will. And I, I appreciate that, Mr.
3403 Evans, but I wanna be clear that from this Board, I know you're gonna be negotiating but I, I think
3404 I can speak for my colleagues that those are issues that are really near and dear to us.

3405 And that's all I have to say.

3406 Thank you.

3407 **Chairperson Lanier:** Very good.

3408 Mr... I'm sorry. Councilman Lawson.

3409 **Board Member Lawson:** I just wanna thank the team. Thank all the teams actually, that came
3410 because it was amazing to see these qualified organizations come to the City of Riviera Beach.
3411 Growing up here as a kid...

3412 [Applause]

3413 **Board Member Lawson:** Literally growing up here as a kid and just seeing the, the progress
3414 that we've come to, to this day. Now, to actually have clean potable water for our residents is
3415 gonna be phenomenal. So, thank you, thank you, thank you. We're honored to be able to make
3416 this decision as a Council and move us forward. So, we're, we're making history tonight.

3417 Thank you so much.

3418 **Chairperson Lanier:** Thank you.

3419 Councilwoman Miller-Anderson.

3420 **Vice Chairperson Miller-Anderson:** Yes.

3421 I would just like to say thank you all. It was very tough to make a decision here because
3422 everyone did such a great job and had a lot to present. I look forward to you all making our water
3423 great so that we will be known for the best water in Florida. Not just in Palm Beach County.

3424 [Applause]

3425 **Vice Chairperson Miller-Anderson:** It's been a long time coming and I'm just really
3426 happy to be here with the group, being able to make this moment happen. I know this has been
3427 something that's been very important to the City, to the residents. Born and raised here, it's
3428 always..., we used to have the very best water for a very long time. And so, I think we just made a
3429 decision tonight that's gonna get us back to where we used to be.

3430 And so, I'm just happy to be up here. I appreciate you all for getting through this. We did
3431 this better than...

3432 **Chairperson Lanier:** Yeah.

3433 **Vice Chairperson Miller-Anderson:** ...I thought we were gonna do it.

3434 [Dais agreements]

3435 **Chairperson Lanier:** Very good.

3436 **Vice Chairperson Miller-Anderson:** Thank you.

3437 Thank you so much.

3438 **Chairperson Lanier:** Thank you.

3439 **Ex officio Board Member Mayor Felder:** Madam Chair?

3440 **DISCUSSION AND DELIBERATION**

3441 **Chairperson Lanier:** I wanted to finish out this Agenda.

3442 **DISCUSSION BY THE EXECUTIVE DIRECTOR OF THE UTILITY SPECIAL**
3443 **DISTRICT OR THE CITY MANAGER**

3444 Are there any discussions by the Executive Director...

3445 [Inaudible dais comment]

3446 **Chairperson Lanier:** Oh, I'm sorry, Mayor. I'm so sorry.

3447 **Ex officio Board Member Mayor Felder:** You're okay.

3448 Although I didn't have a vote in this proposal, just to let you guys know, I showed Attorney
3449 Wynn, you guys were my number one pick. So, actually you had five, four, one? Five one? But,
3450 but I'm ecstatic. Growing up here all my life and this has been a major issue for years, this water.
3451 And, you know, just, we had a great team. I wanna thank Ms. Jacobs, Mr. Evans for really putting
3452 in the time and the work on a daily basis to make sure that this was one of our goals in 2019 that
3453 we wanted to come on this Board and make sure that we had clean water. And, have done a phen'...,
3454 fantastic job. And, congratulations. We look forward to you guys giving us clean water.
3455 Congratulations.

3456 **Chairperson Lanier:** Thank you.

3457 Are there any comments by...

3458 [Applause]

3459 **Chairperson Lanier:** ...the Executive Director of the Utility District? Ms. Jacobs? Do
3460 you have any comments?

3461 **Acting Executive Director Jacobs:** No, ma'am.

3462 **Chairperson Lanier:** Alright. Very good.

3463 City Manager?

3464 **City Manager Evans:** Yes, Madam Chair.

3465 I, I would like to thank, obviously, all the teams that took the time to take an interest in our
3466 community. And, I was having a conversation with one of our Councilpersons today and I said,
3467 you have three teams that are willing to share in the experience with us, to commit in totality, \$450
3468 million. And that is so exciting for us to get to this point and believing in what we've set out,
3469 almost three years ago, to say, you weren't the Board that created the problem, but you were gonna
3470 be the Board that fixed it. And I think it says something to your leadership and your commitment
3471 to this agency, and your commitment to making sure that the most important service that we
3472 provide, that touches our residents every day, that is a priority. Some Boards would shy away
3473 from this. A lot of Councils would kick this down the road, but you had the wherewith all and the
3474 commitment to do what was right by your residents.

3475 [Applause]

3476 **City Manager Evans:** And I think it's a remarkable feat.

3477 And to Ms. Jacobs and, and your team, Mr. Groff, Mr. Lowe, Mr. Goldstein, Ms. Wynn,
3478 jumping in and taking on the responsibility to say, you know what? We're gonna make this
3479 happen, shows that you too are part of this monumental moment. And, I can't tell you how excited
3480 I was today just to see the energy and the buzz around what we have going on here, to the point
3481 where, when I have Staff that's not even in Utilities attending a meeting because they're interested
3482 and excited about what's going on at the District, says something about what we have here in
3483 Riviera Beach.

3484 And so, I'm excited to be part of the team. This is a remarkable accomplishment, and I
3485 can't wait 'til we get to put shovels in the ground. And then, more importantly, deliver a quality
3486 product that rivals some of the best places in the.., in the nation. And so, we'll have the best beach
3487 and we'll have the best potable water. So, we've got a lotta great things to be excited about.

3488 [Applause]

3489 **City Manager Evans:** And that concludes my comments, Madam Chair.

3490 **Chairperson Lanier:** Thank you.

3491 **DISCUSSION BY DISTRICT ATTORNEY**

3492 **Chairperson Lanier:** From the District Attorney.

3493 **Executive Attorney Wynn:** No comments, Madam Chair.

3494

3495 **STATEMENTS BY THE MAYOR AND DISTRICT BOARD**

3496 **Chairperson Lanier:** We'll start with the Mayor. Comments for you, Mayor?

3497 **Ex officio Board Member Mayor Felder:** No comments.

3498 **Chairperson Lanier:** Mr., Councilman Lawson.

3499 **Board Member Lawson:** Thank you, Madam Chair.

3500 Thank you again. This is phenomenal. This is really a big step for us, and we're very
3501 excited. So, thank you.

3502 **Chairperson Lanier:** Councilman McCoy.

3503 **Board Member McCoy:** Nothing.

3504 **Chairperson Lanier:** Councilman., Councilwoman Botel.

3505 **Board Member Botel:** Just, thanks again. And also, I would be remiss if I didn't thank Ms.
3506 Jacobs who's done an excellent job in pulling, pulling these teams together., and also, our, our
3507 consultants. Appreciate your help.

3508 Thank you.

3509 **Chairperson Lanier:** Thank you.

3510 [Audience exclamation]

3511 **Chairperson Lanier:** Go ahead.

3512 **Vice Chairperson Miller-Anderson:** And I just wanted to reiterate again, what everyone
3513 else has already said, thank you Ms. Jacobs and Mr. Evans. Mr. Evans, having an opportunity to
3514 make a difference that some City Managers have not done. And I've been here when we had some
3515 City Managers that kept this type of stuff away from getting done, and hiding other things. And
3516 he decided not to kick the can down the road. And I can say what I'm saying because I've been
3517 here and we've had some very rough times regarding our water. And I'm just happy that we were
3518 able to get this done with his team and his leadership. This speaks to his leadership because many,
3519 many decades people just overlooked it, and that's why we we're where we're at.

3520 So, I appreciate the Staff, the leadership, that have been with us through this whole process.
3521 And I'm, I'm just happy we're getting this done.

3522 Thank you so much.

3523 **Chairperson Lanier:** Thank you.

3524 With that being said, thank you, Ms. Jacobs, Mr. Evans, and the entire City of Riviera
3525 Beach employees for getting us to here and to where we are. We really appreciate it.

3526 **ADJOURNMENT**

3527 **Chairperson Lanier:** And this meeting is adjourned.

3528 [Gavel]

3529 [End of video/audio]

3530 **City Employees, Public Speakers and Others**

3531	Media Team Walter Stephens	Media Team Stephens
3532	Alcalde & Fay Maurice Kurland	Mr. M. Kurland
3533	Shutts & Bowen Joe Goldstein, Esq.	Mr. J. Goldstein
3534	Hewitt Development Company Henry Patel	Mr. H. Patel
3535	Black Creek Engineering Colin Groff	Mr. C. Groff
3536	MCO Construction Ann McNeill	Ms. A. McNeill
3537	Kiewit Water Facilities of Florida Tony Joyce	Mr. T. Joyce
3538	Kiewit Water Facilities of Florida James Goyer	Mr. J. Goyer
3539	Stantec Hal Schmidt	Mr. H. Schmid
3540	Velarin Group Angel Gardner	Ms. A. Gardner
3541	Stantec Catrina Gunn	Ms. C. Gunn
3542	Cindy March	Ms. C. March
3543	Doretta Paulk	Ms. D. Paulk
3544	Mary Brabham	Ms. M. Brabham
3545	PCL Construction Mauricio Ramos	Mr. M. Ramos
3546	PCL Construction James Holtie	Mr. J. Holtie
3547	Carollo Engineers Liz Fujikawa	Ms. L. Fujikawa
3548	Carollo Engineers Robert Cushing	Dr. B. Cushing
3549	Merchant Strategy Sheron Merchant	Ms. S. merchant
3550	S.A. Nelson & Associates Sophia Nelson	Ms. S. Nelson
3551	All-Site Construction Ezra Saffold	Mr. E. Saffold
3552	Carollo Engineers A. Smith	Mr. A. Smith
3553	PCL Construction Todd Palmatier	Mr. T. Palmatier
3554	Song + Associates Jill Lanigan	Ms. Jull Lanigan
3555	PCL Construction Darin Engelby	Mr. D. Engelby

3556	Provident Resources Group	Chris Hicks	Mr. C. Hicks
3557	The Haskell Company	Michael Hoisington	Mr. M. Hoisington
3558	Brown Electrical Solutions	Vincent Brown	Mr. V. Brown
3559	Haskell Group	Steve Collins	Mr. S. Collins
3560	OA/OC	Layla Llewellyn	Ms. L. Llewellyn
3561	Dr. David	MacNevin	Dr. D. MacNevin
3562	Terri	Williams	Ms. T. Williams
3563	Haskell Group	Peter Kinsley	Mr. P. Kinsley
3564	CDM Smith	Suzanne Machler	Ms. S. Machler
3565	Haskell Group	Brian Bedell:	Mr. B. Bedell
3566	Erica	Davis	Ms. E. Davis
3567	Kent	Pollock	Mr. K. Pollock
3568			

3569 **APPROVED:**

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3574 **ATTEST:**

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3579 **CLAUDENE L. ANTHONY**
3580 **CERTIFIED MUNICIPAL CLERK**
3581 **CITY CLERK**

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3599 **MOTIONED BY:** _____

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3601 **SECONDED BY:** _____

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3603 **T. MCCOY** _____

3604 **K. MILLER-ANDERSON** _____

3605 **S. LANIER** _____

3606 **J. BOTEL** _____

3607 **D. LAWSON** _____

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3609 **DATE APPROVED:** **JANUARY 19, 2022**

3610

SHIRLEY D. LANIER
CHAIRPERSON

KASHAMBA MILLER-ANDERSON
VICE CHAIRPERSON

TRADRICK MCCOY
BOARDMEMBER

JULIA BOTEL, Ed.D
BOARDMEMBER

DOUGLAS LAWSON
BOARDMEMBER



"The Best Waterfront City in Which to Live, Work And Play."

City of Riviera Beach

To: HONORABLE MAYOR & BOARD OF DIRECTORS

From: CLAUDENE L. ANTHONY, DISTRICT CLERK

Through: JONATHAN EVANS, CITY MANAGER, MPA, MBA, ICMA-CM

Subject: **DECEMBER 1, 2021 SPECIAL UTILITY SPECIAL DISTRICT MEETING MINUTES**

CLAUDENE L. ANTHONY, DISTRICT CLERK (561) 845-4090

Date: January 19, 2022

CC: GENERAL PUBLIC

Background:

Attached, you will find the minutes from the December 1, 2021 Special Utility Special District Meeting. The minutes are submitted for approval by the Board of Directors.

City Goals:

To provide minutes for review by the public.

Fiscal/Budget Impact:

None

Recommendation:

It is hereby requested that the Board of Directors approve the December 1, 2021 Special Utility Special District Meeting Minutes.

Attachments:

[01DEC21_USDSM.docx](#)

**UTILITY SPECIAL DISTRICT
BOARD OF DIRECTORS MEETING
December 1, 2021
5:30 p.m.**

PRESENT AT MEETING¹:

CHAIRPERSON SHIRLEY D. LANIER, DISTRICT 3 CHAIRPERSON LANIER

VICE CHAIR KASHAMBA MILLER-ANDERSON, DISTRICT 2
VICE CHAIR MILLER-ANDERSON

BOARD MEMBER TRADRICK MCCOY, DISTRICT 1 BOARD MEMBER MCCOY

BOARD MEMBER DOUGLAS LAWSON, DISTRICT 5 BOARD MEMBER LAWSON

BOARD MEMBER JULIA BOTEL, Ed.D, DISTRICT 4 BOARD MEMBER BOTEL

EX OFFICIO BOARD MEMBER RONNIE FELDER MAYOR FELDER

CITY MANAGER JONATHAN EVANS CITY MANAGER EVANS

ACTING EXECUTIVE DIRECTOR OF UTILITIES DEIRDRE JACOBS
ACTING EXECUTIVE DIRECTOR JACOBS

DISTRICT CLERK CLAUDENE ANTHONY DISTRICT CLERK ANTHONY

DISTRICT ATTORNEY DAWN WYNN DISTRICT ATTORNEY WYNN

DISTRICT FINANCE DIRECTOR RANDY SHERMAN
DISTRICT FINANCE DIRECTOR SHERMAN

TRANSCRIBED BY:

Legal Transcription On Call
6586 Hypoluxo Road
#232
Lake Worth, FL 33467
(561) 429-3816
(561) 584-5044 (fax)

¹ List of Public Comment Speakers and Others on Page 16

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**CITY OF RIVIERA BEACH
PALM BEACH COUNTY, FLORIDA
SPECIAL UTILITY SPECIAL DISTRICT MEETING MINUTES
WEDNESDAY, DECEMBER 1, 2021 AT 5:30 P.M.**

(The following may contain unintelligible or misunderstood words due to the recording quality.)

[Gavel]

CALL TO ORDER

Chairperson Lanier: Good afternoon. We will call the Special Utility District Board of Directors Meeting to order. Today is Wednesday, December 1st. The time is 5:36.

ROLL CALL

Chairperson Lanier: Madam clerk.

District Clerk Anthony: Chairperson Shirley Lanier?

Chairperson Lanier: Here.

District Clerk Anthony: Vice Chairperson KaShamba Miller-Anderson?

Vice Chairperson Miller-Anderson: Present.

District Clerk Anthony: Board Member Tradrick McCoy?

Board Member McCoy: Here.

District Clerk Anthony: Board Member Julia Botel?

Board Member Botel: Here.

District Clerk Anthony: Board Member Douglas Lawson?

Board Member Lawson: Here.

District Clerk Anthony: *Ex officio* Board Member Mayor Ronnie Felder? [Pause]. City Manager Jonathan Evans?

City Manager Evans: Present.

District Clerk Anthony: District Clerk Claudene Anthony is present. Acting Executive Director Deirdre Jacobs? [Pause]. District Attorney Dawn Wynn?

District Attorney Wynn: Here.

29 **District Clerk Anthony:** District Finance Director Randy Sherman?

30 **District Finance Director Sherman:** Here.

31 **District Clerk Anthony:** Thank you, Madam Chair.

32 **Chairperson Lanier:** Thank you.

33 **INVOCATION**

34 **PLEDGE OF ALLEGIANCE**

35 **Chairperson Lanier:** We'll have a moment of silence, followed by the Pledge of
36 Allegiance by Dr. Julia Botel.

37 [Moment of silence]

38 **Board Member Botel:** I pledge allegiance...

39 **All:** ...to the Flag of the United States of America, and to the Republic for which it stands, one
40 nation under God, indivisible with liberty and justice for all.

41 **AGENDA APPROVAL**

42 **ADDITIONS, DELETIONS, SUBSTITUTIONS**

43 **Chairperson Lanier:** Do we have any deletions, additions, or substitutions for the Agenda
44 this evening?

45 **City Manager Evans:** None from Staff, Madam Chair.

46 **DISCLOSURES**

47 **Chairperson Lanier:** Are there any disclosures by the Board of Directors?

48 [Pause]

49 **Chairperson Lanier:** Hearing none.

50 **ADOPTION OF AGENDA**

51 **Chairperson Lanier:** Can I get a motion to adopt the Agenda?

52 **Board Member Botel:** So moved.

53 **Board Member McCoy:** Second.

54 **Chairperson Lanier:** Madam Clerk.

55 **District Clerk Anthony:** Board Member Lawson?
56 **Board Member Lawson:** Yes.
57 **District Clerk Anthony:** Board Member McCoy?
58 **Board Member McCoy:** Yes.
59 **District Clerk Anthony:** Board Member Botel?
60 **Board Member Botel:** Yes.
61 **District Clerk Anthony:** Chair Lanier?
62 **Chairperson Lanier:** Yes.
63 **District Clerk Anthony:** Motion approved.
64 **Chairperson Lanier:** Thank you.
65 **Vice Chairperson Miller-Anderson:** Madam Chair?

66 **CONSENT AGENDA**

67 **ANY PERSON WHO WOULD LIKE TO SPEAK ON AN AGENDA ITEM, PLEASE**
68 **COMPLETE A GREEN PUBLIC COMMENT CARD LOCATED AT THE FRONT DESK**
69 **AND GIVE IT TO THE STAFF PRIOR TO THE ITEM BEING TAKEN UP BY THE**
70 **BOARD OF DIRECTORS FOR DISCUSSION. MEMBERS OF THE PUBLIC WILL BE**
71 **GIVEN A TOTAL OF THREE MINUTES TO SPEAK ON ALL ITEMS LISTED ON THE**
72 **CONSENT AGENDA, AND THREE MINUTES TO SPEAK ON EACH REGULAR ITEM.**
73 **THE TIME LIMIT FOR PUBLIC COMMENT MAY BE REDUCED BY A VOTE OF THE**
74 **CITY COUNCIL BASED ON THE VOLUMINOUS NATURE OF PUBLIC COMMENT**
75 **CARDS. IN NO EVENT WILL ANYONE BE ALLOWED TO SUBMIT A COMMENT**
76 **CARD TO SPEAK ON AN AGENDA ITEM AFTER THE RESOLUTION IS READ OR**
77 **ITEM IS CONSIDERED.**

78 **MINUTES**

79 **RESOLUTIONS**

80 **AWARDS AND PRESENTATIONS**

81 **PUBLIC HEARINGS**

82 **REGULAR**

83 **1. Chairperson Lanier:** We'll start with our Regular Agenda Item.
84 Madam Clerk.

85 **District Clerk Anthony:** Resolution num'...

86 **Vice Chairperson Miller-Anderson:** Madam Chair?

87 **District Clerk Anthony:** Resolution Number 31-21UD.

88 **Vice Chairperson Miller-Anderson:** Madam Chair?

89 Can you all hear me?

90 **Chairperson Lanier:** Yes.

91 Please acknowledge that Councilwoman KaShamba Miller-Anderson is present at the
92 meeting.

93 **Vice Chairperson Miller-Anderson:** She didn't mark me as present when she called the
94 roll? I said yes. You couldn't hear me then?

95 **Chairperson Lanier:** No.

96 We couldn't hear you then. But she'll mark you as yes.

97 **Vice Chairperson Miller-Anderson:** Okay.

98 So, I'm voting yes for the Agenda.

99 **Chairperson Lanier:** Very good.

100 **Vice Chairperson Miller-Anderson:** Thank you.

101 **Board Member Botel:** Can she vote?

102 **District Clerk Anthony:** **RESOLUTION NUMBER 31-21UD A RESOLUTION OF THE**
103 **BOARD OF DIRECTORS OF THE CITY OF RIVIERA BEACH UTILITY SPECIAL**
104 **DISTRICT, PALM BEACH COUNTY, FLORIDA, APPROVING THE PROFESSIONAL**
105 **SERVICES CONTRACT WITH R & M SERVICE SOLUTIONS, LLC, FLORIDA, BY**
106 **COOPERATIVE AGREEMENT ON THEIR CONTRACT FOR SERVICES WITH**
107 **SEMINOLE COUNTY, TO PERFORM UNIDIRECTIONAL FLUSHING AND REPAIR**
108 **& MAINTENANCE OF THE WATER DISTRIBUTION SYSTEM, IN THE AMOUNT OF**
109 **\$333,448.00; AUTHORIZING THE CITY MANAGER TO APPROVE CHANGE ORDERS**
110 **UP TO TEN PERCENT (10%); AUTHORIZING THE UTILITY DISTRICT FINANCE**
111 **DIRECTOR TO TRANSFER \$29,690.80 FROM PROJECT NUMBER 18152 TO**
112 **PROJECT NUMBER 18158; AUTHORIZING THE UTILITY DISTRICT FINANCE**
113 **DIRECTOR TO MAKE PAYMENTS NOT TO EXCEED \$140,995.80 FROM PROJECT**
114 **NUMBER 18158; AUTHORIZING THE UTILITY DISTRICT FINANCE DIRECTOR TO**
115 **MAKE PAYMENTS NOT TO EXCEED \$225,797.00 FROM PROJECT NUMBER 18152;**
116 **AUTHORIZING THE CHAIRPERSON AND DISTRICT CLERK TO EXECUTE SAID**
117 **CONTRACT; AND PROVIDING AN EFFECTIVE DATE.**

118 **DEIRDRE JACOBS, MPA, ACTING EXECUTIVE DIRECTOR, 561-845-4185**

119 **District Clerk Anthony:** Madam Chair, Members of the Board, we do not have public
120 comment on this Item. The acceptance of public comment on this Item is now closed.

121 **Board Member Botel:** Motion to approve.

122 **Chairperson Lanier:** Second.

123 Mr. Evans.

124 **City Manager Evans:** Madam Chair and Members of the Board, just as some procedural
125 items. Board Member Miller-Anderson will be [stammer] attending via remote status. She's ill
126 so she will be able to participate in the meeting, both the Utility District, as well as the Regular
127 City Council meeting.

128 Interim Executive Director of the Utility District, Ms. Deirdre Jacobs is not present today.
129 So, in her absence, Utility District Engineer, John Armstrong, will be making the presentation this
130 evening.

131 **Chairperson Lanier:** Thank you.

132 Mr. Armstrong.

133 **Utility District Engineer Armstrong:** Thank you. Good evening, Madam Chair.

134 **Board Member McCoy:** So, Madam Chair, let me ask a question.

135 I, I guess..., I'm reading the Resolution. I don't see where it says..., I think I heard the Clerk
136 read unidirectional but that's not in this annotated Agenda. Is there some difference in what we
137 have in front of us then what's online?

138 **Chairperson Lanier:** Mr. Evans.

139 **City Manager Evans:** The... Madam Chair.

140 The, the Resolution, in the title, says to perform unidirectional flushing and repair
141 maintenance, in water distribution line. That's the same Item that I'm looking at.

142 **Board Member McCoy:** Okay.

143 But I was looking for... I'm sorry. Are you looking online or are you looking at the paper
144 copy?

145 **City Manager Evans:** Madam Chair.

146 I'm looking online.

147 **Board Member McCoy:** Okay.

148 Well, I guess there's some slight typographical errors on the one that's in front of us.
149 'Cause I was looking for..., I was trying to follow along but I don't see unidirectional flushing that
150 she read into the record, in front of us.

151 Am I missing something, Ms. Wynn?

152 **District Attorney Wynn:** On the paper copy?

153 **Board Member McCoy:** Yeah.

154 **District Attorney Wynn:** Yeah.

155 If you go one, two... Eighth line down. Eight lines down from the left. I think it's eight,
156 you'll see unidirectional flushing and repair.

157 [Pause]

158 **Board Member McCoy:** Okay.

159 I, I take your word but I'm..., are we on Page... [Stammer] I'm not sure what we're on.
160 We're on...

161 **District Attorney Wynn:** I'm reading it...

162 **Board Member McCoy:** Regular Agenda...

163 **District Attorney Wynn:** ...from the...

164 **Board Member McCoy:** ...number one?

165 **District Attorney Wynn:** ...Agenda... I'm sorry?

166 **Board Member Botel:** Yes.

167 **Board Member McCoy:** And you're seeing it on line eight?

168 **District Attorney Wynn:** No.

169 I'm see'..., I have the paper copy. Mr. Evans has the online copy. And we're both seeing
170 it.

171 **City Manager Evans:** Right.

172 **District Attorney Wynn:** I believe.

173 **Board Member Botel:** I don't see it.

174 **Board Member McCoy:** Right.

175 But, the copy that we have in front of us doesn't read exactly as the Clerk read. So I think
176 she may be reading the most recent copy, but what's in front of us doesn't speak to unidirectional
177 flushing. And I'm..., guess I'm just trying to make sure that we're on the same page. This..., I think
178 there's a few sentences..., a few words missing here.

179 **District Attorney Wynn:** Yeah.

180 This appears to be a totally different...

181 **Board Member Botel:** Yeah.

182 It..., it's...

183 **District Attorney Wynn:** Yeah.

184 **Board Member Botel:** There's...

185 **District Attorney Wynn:** It's not the same.

186 **Board Member Botel:** ...something wrong with...

187 **District Attorney Wynn:** I don't know what...

188 **Board Member McCoy:** But we're on the same Item though, correct?

189 **District Attorney Wynn:** Yeah.

190 **Board Member McCoy:** Okay.

191 **District Attorney Wynn:** The, the dollar amount appear to be the..., all the same. And it is for
192 unidirectional flushing.

193 **Board Member McCoy:** Okay.

194 Fair enough. I just wanted to make sure I wasn't looking at the wrong thing. Okay.

195 Thank you, Madam Chair.

196 **Chairperson Lanier:** Thank you.

197 Mr. Armstrong.

198 **Utility District Engineer Armstrong:** Thank you. Good evening, Madam Chair, fellow
199 Board of Directors, and City Council, Mr. Evans, Ms. Wynn, Ms. Robinson. John Armstrong,
200 Utility District.

201 This Item for Board consideration is awarding a professional service contract to R&M
202 Service Solutions, LLC for unidirectional flushing and repair and maintenance of the water
203 distribution system through a cooperative agreement with Seminole County, under their contract.

204 This includes two budgeted items that are in the CIP. One is unidirectional flushing project,
205 account number 18158, and water and sewer improvements project, account number 18152. These
206 Items are, are needed to provide water that is safe to drink, and to provide adequate fire protection.

207 The water improvements is basically to repair valves and fire hydrants within the water
208 distribution system, and also, unidirectional flushing of the water mains.

209 Unidirectional flushing is, you and I being..., flushing in one direction. So, if you went out
210 to a fire hydrant, flushed the lines, it would flush in like a dead-end line, it would be one direction.
211 It could be two, two directions or, if it's on an intersection, four directions. So, unidirectional
212 flushing is, is needed to isolate certain valves that..., so that flow will come in one direction and to
213 make..., so a min'..., a minimum [inaudible] velocity of three feet per second to resuspend the..., any
214 solids, most of it's lime in the system. But also, to, to achieve five feet per second to remove some
215 biofilm that may be on the pipe walls.

216 And, what the City..., the Riviera Beach Utility District, uses for disinfectant is chloramines
217 which is chlorine and ammonia. And, it has its advantages, like, less disinfection byproducts that
218 are cancer causing. And, also the chloramine..., the chlorine has to main'..., you have to maintain a
219 minimum chlorine in the distribution system and the chlorine gets dissipated with time and, and
220 temperature.

221 And chloramines provide a..., the chlorine doesn't dissipate as much but the
222 ammonia in the chloramines is, is a food source for certain type of bacteria that can grow on the
223 walls. Nitrous ammonious [sp] bacteria which can convert the ammonia to nitrite and nitro
224 [stammer] bacteria which converted to nitrate.

225 Now, this bacteria is harmless to humans but it, it can cause [inaudible] and, and, and the
226 chloramine levels can drop. And it also can..., there's a drinking water [inaudible] for nitrate, which
227 can cause death, particularly in babies. So.

228 **Board Member McCoy:** Okay.

229 **Utility District Engineer Armstrong:** So...

230 **Chairperson Lanier:** Are you finished?

231 **Utility District Engineer Armstrong:** Yes, ma'am.

232 So, Staff recommends the Board approve this Resolution to award a contract to R&M
233 Service Solutions in the amount of \$333,448 through a cooperative agreement with Seminole
234 County and award..., and authorize the City Manager to approve change orders in the an amount
235 up to ten percent, transfer..., ;authorize the Finance Director to transfer \$29,690.80 from the water
236 and sewer improvements project number 18152 to the unidirectional flushing project number
237 18158, and authorize the Finance Director to make such payments.

238 **Chairperson Lanier:** Okay. Thank you.

239 You said that this was flushing for all of the lines in the City?

240 **Utility District Engineer Armstrong:** Well, the, this..., there's three zones. We have a
241 [stammer]..., a flushing plan and the western zone has been unidirectionally flushed recently, has
242 been completed. And so, this is the central portion of the City, and the eastern portion of the City
243 and the..., or, the Utility District, which, which is the City, and the Town of Palm Beach Shores.

244 **Chairperson Lanier:** Okay.

245 Any other questions for Mr. Armstrong?

246 **Board Member Lawson:** Madam Chair?

247 **Chairperson Lanier:** Yes.

248 Go ahead.

249 **Board Member Lawson:** More so for Mr. Evans and Procurement, why wasn't there a
250 competitive solicitation done for this?

251 **City Manager Evans:** Madam Chair, if, if I...

252 **Chairperson Lanier:** Yes. Go ahead.

253 **City Manager Evans:** ...if I may?

254 I'll defer to Mr. Armstrong and the Utility District as it..., why they thought was to go with
255 a compe'..., well...

256 **District Attorney Wynn:** Cooperative.

257 **City Manager Evans:** A, a cooperative purchasing agreement through another entity.

258 **Utility District Engineer Armstrong:** Well...

259 **Chairperson Lanier:** Go ahead.

260 **Utility District Engineer Armstrong:** A lot of the work that was done by Seminole County
261 of..., a, a screening through the process of ... R&M Service Solution is the only Florida based
262 company that performs unidirectional flushing. They are a small business enterprise. And of the
263 other companies that do unidirectional flushing, they're the only one that's a small business
264 enterprise. They will be using local minority subcontractors for concrete repair, asphalt, repair
265 sod, landscaping. And MOT [inaudible] traffic, like, Acme Barricade will be..., provide
266 maintenance of traffic. And, Ferguson for supplies.

267 **Board Member Lawson:** Thank..., thank you, Mr. Armstrong.

268 And, Madam Chair, that's..., I'm appreciative that they're gonna be using local and
269 minorities because that's kind of our push to make sure that these companies know that we wanna
270 make sure locals are being utilized. So, thank you for that, Mr. Armstrong. We appreciate it.

271 Thank you, Madam Chair. Those are all my concerns.

272 **Chairperson Lanier:** Yes. Thank you.

273 Any other questions for Mr. Armstrong? [Pause]. Thank you, Mr. Armstrong for your
274 presentation.

275 Madam Clerk.

276 **District Clerk Anthony:** Board Member McCoy?

277 **Board Member McCoy:** Yes.

278 **District Clerk Anthony:** Board Member Botel?

279 **Board Member Botel:** Yes.

280 **District Clerk Anthony:** Board Member Lawson?

281 **Board Member Lawson:** Yes.

282 **District Clerk Anthony:** Vice Chair Miller-Anderson?

283 **Vice Chairperson Miller-Anderson:** Yes.

284 **District Clerk Anthony:** Vice Chair Miller-Anderson?

285 **Vice Chairperson Miller-Anderson:** Yes.

286 **Chairperson Lanier:** She said yes.

287 **Board Member Botel:** She said yes.

288 **District Clerk Anthony:** Chairperson Lanier?

289 **Chairperson Lanier:** Yes.

290 **District Clerk Anthony:** Motion approved.

291 **Vice Chairperson Miller-Anderson:** Can Walter fix my volume if there's something
292 wrong? If you all can't hear me.

293 **Chairperson Lanier:** Well, we always hear you loud and clear after the fact, but...
294 [Chuckle]. We can hear you now though.

295 **Vice Chairperson Miller-Anderson:** Is it just delayed?

296 **Board Member Lawson:** Uh-uh.

297 **Media Team:** It sounds like her phone.

298 **Chairperson Lanier:** It could be your phone.

299 **Vice Chairperson Miller-Anderson:** No.

300 I'm not on the phone.

301 **Chairperson Lanier:** You on the computer.

302 **Vice Chairperson Miller-Anderson:** Yeah.

303 **Chairperson Lanier:** I mean, I can hear her. But I don't know what happens when the
304 room is full of people though. Okay. We'll have Walter to work on that in the interim, before our
305 next meeting.

306 **COMMENTS FROM THE PUBLIC (Three Minute Limitation)**

307 **DISCUSSION AND DELIBERATION**

308 **DISCUSSION BY THE EXECUTIVE DIRECTOR OF THE UTILITY SPECIAL**
309 **DISTRICT OR LTHE CITY MANAGER**

310 **Chairperson Lanier:** Is there any discussion by the Executive Director of the Utility
311 Special District? Mr. Evans?

312 **City Manager Evans:** Madam Chair, the Acting Executive Director is not present. There's
313 no comments from the Manager.

314 **Chairperson Lanier:** From the City Manager?

315 **City Manager Evans:** No comments, Madam Chair.

316 **DISCUSSION BY THE DISTRICT ATTORNEY**

317 **Chairperson Lanier:** By the District Attorney?

318 **District Attorney Wynn:** No comments.

319 **STATEMENTS BY THE DISTRICT BOARD**

320 **Chairperson Lanier:** Statements by the District Board.

321 **Board Member Botel:** None for me.

322 **Board Member McCoy:** Nothing.

323 **Board Member Lawson:** Nothing.

324 **Chairperson Lanier:** Very good.

325 **ADJOURNMENT**

326 **Chairperson Lanier:** This meeting is adjourned.

327 [Gavel]

328 [End of video/audio]

329 **City Employees, Public Speakers and Others**

330 Utility District Engineer John Armstrong.....Utility District Engineer Armstrong

331 Media TeamMedia Team

332
333 **APPROVED:**

SHIRLEY D. LANIER
CHAIRPERSON

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337 **ATTEST:**

CLAUDENE L. ANTHONY
CERTIFIED MUNICIPAL CLERK
CITY CLERK

KASHAMBA MILLER-ANDERSON
VICE CHAIRPERSON

TRADRICK MCCOY
BOARDMEMBER

JULIA BOTEL, Ed.D
BOARDMEMBER

DOUGLAS LAWSON
BOARDMEMBER

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367 SECONDED BY: _____

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369 T. MCCOY _____

370 K. MILLER-ANDERSON _____

371 S. LANIER _____

372 J. BOTEL _____

373 D. LAWSON _____

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375 DATE APPROVED: JANUARY 19, 2022



"The Best Waterfront City in Which to Live, Work And Play."

City of Riviera Beach

To: Honorable. Mayor, Chairperson and City Council

From: Deirdre M. Jacobs, Assistant City Manager, MPA

Through: Jonathan Evans, City Manager, MPA, MBA, ICMA-CM

Subject: **RESOLUTION NUMBER 1-22UD A RESOLUTION OF THE UTILITY BOARD OF DIRECTORS OF THE CITY OF RIVIERA BEACH SPECIAL UTILITY DISTRICT, PALM BEACH COUNTY, FLORIDA AUTHORIZING AND RATIFYING THE APPOINTMENT OF MICHAEL LOWE AS THE DIRECTOR OF THE UTILITY SPECIAL DISTRICT; AND PROVIDING FOR AN EFFECTIVE DATE.**

DEIRDRE M. JACOBS, ACTING EXECUTIVE DIRECTOR OF THE UTILITY SPECIAL DISTRICT, 561-845-4185

Date: January 19, 2022

CC: General Public

Background:

Pursuant to The City of Riviera Beach Utility Special District (CRBUSD) is a dependent special district created under Ordinance 2972 for the purposes of providing water and

wastewater services in accordance with Chapter 189 Florida Statutes. The City of Riviera Beach entered into an agreement with the Utility Special District (USD) to provide certain support services including a full time Director of Utilities in Resolution 158-04.

Section 3.05 (C) of the Charter for the USD specifically vests the USD Board with the creation of any and all necessary officers and to establish the powers, duties, and compensation of all employees of the District. Section 3.05 (D) of the Charter for the USD also permits the USD to enter into a Utility Service Agreement and other required agreements with the City for the provision of services by the City to the District.

On September 23, 2004, the USD entered into a Service Agreement with the City, and pursuant to Section 4.1 established that the City would provide the USD with a District Utility Director. City staff find it is in the best interests of the Utility Special District for the USD Board of Directors to authorize and ratify the appointment of the Utility Special District Director Michael Lowe.

City Goals:

The citywide goal is to accelerate operational excellence.

Fiscal/Budget Impact:

\$132,000

Recommendation:

Staff recommends approval of Resolution Number 1-22UD appointing Michael Lowe as the District Utility Director.

Attachments:

[Memo-To Appoint Utility Director.docx](#)

[Resolution Number 4-22UD to Appoint and Ratify Director.docx](#)

[ORDINANCE_NO_2972.pdf](#)

[Utility Services Agreement between CRB and CRB Utility Special District.pdf](#)



CITY OF RIVIERA BEACH

TO: HON. MAYOR, CHAIRPERSON AND CITY COUNCIL

THROUGH: JONATHAN EVANS, CITY MANAGER, MPA, MBA, ICMA-CM

FROM: DEIRDRE M. JACOBS, ASSISTANT CITY MANAGER, MPA

SUBJECT: APPOINTMENT OF EXECUTIVE DIRECTOR OF UTILITY

DATE: JANUARY 19, 2021

CC: GENERAL PUBLIC

Background:

Pursuant to The City of Riviera Beach Utility Special District (USD) is a dependent special district created under Ordinance 2972 for the purposes of providing water and wastewater services in accordance with Chapter 189 Florida Statutes. The City of Riviera Beach entered into an agreement with the USD to provide certain support services including a full time Director of Utilities in Resolution 158-04.

Section 3.05 (C) of the Charter for the USD specifically vests the USD Board with the creation of any and all necessary officers and to establish the powers, duties, and compensation of all employees of the District. Section 3.05 (D) of the Charter for the USD also permits the USD to enter into a Utility Service Agreement and other required agreements with the City for the provision of services by the City to the District.

On September 23, 2004, the USD entered into a Service Agreement with the City, and pursuant to Section 4.1 established that the City would provide the USD with a District Utility Director. City staff find it is in the best interests of the Utility Special District for the USD Board of Directors to authorize and ratify the appointment of the Utility Special District Director Michael Lowe.

City Goals:

Accelerate Operational Excellence

Fiscal/Budget Impact:

Funds allocated in the Fiscal Year 2021-2022 Personnel Operating Budget on page 186.

Recommendation

Staff recommends approval of Resolution Number 1-22UD appointing Michael Lowe as the District Utility Director.

Attachments

Resolution Number 1-22UD
Ordinance 2972
Utility Services Agreement

RESOLUTION NUMBER 1-22UD

A RESOLUTION OF THE UTILITY BOARD OF DIRECTORS OF THE CITY OF RIVIERA BEACH SPECIAL UTILITY DISTRICT, PALM BEACH COUNTY, FLORIDA AUTHORIZING AND RATIFYING THE APPOINTMENT OF MICHAEL LOWE AS THE DIRECTOR OF THE UTILITY SPECIAL DISTRICT; AND PROVIDING FOR AN EFFECTIVE DATE.

WHEREAS, the City of Riviera Beach Utility Special District (USD) is a dependent special district created under Ordinance 2972 for the purposes of providing water and waste water services in accordance with Chapter 189 Florida Statutes; and

WHEREAS, the City of Riviera Beach entered into an agreement with the USD to provide certain support services including a full time Director of Utilities in Resolution 158-04; and

WHEREAS, Section 3.05 (C) of the Charter for the USD specifically vests the USD Board with the creation of any and all necessary officers and to establish the powers, duties, and compensation of all employees of the District; and

WHEREAS, Section 3.05 (D) of the Charter for the USD also permits the USD to enter into a Utility Service Agreement and other required agreements with the City for the provision of services by the City to the District; and

WHEREAS, on September 23, 2004, the USD entered into a Service Agreement with the City, and pursuant to Section 4.1 established that the City would provide the USD with a District Utility Director; and

WHEREAS, the position for the Utility Director was posted and the candidate met all qualifications for the position of Utility Director; and

WHEREAS, City staff find it is in the best interests of the Utility Special District for the USD Board of Directors to authorize and ratify the appointment of the Utility Special District Director Michael Lowe.

NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF DIRECTORS OF THE RIVIERA BEACH UTILITY SPECIAL DISTRICT, AS FOLLOWS:

SECTION 1. That the City of Riviera Beach Utility Special District Board hereby appoints Michael Lowe as Director for the Utility Special District consistent with the terms of employment as set forth in the offer of employment.

SECTION 2: That the Resolution take effect upon passage and approval by the Utility Special District Board.

PASSED AND APPROVED this _____ day of January, 2022

The remainder of this page intentionally left blank.

APPROVED:

SHIRLEY A. LANIER
CHAIRPERSON

ATTEST:

CLAUDENE L. ANTHONY
CERTIFIED MUNICIPAL CLERK
DISTRICT CLERK

KASHAMBA MILLER-ANDERSON
VICE CHAIRPERSON

TRADRICK MCCOY
BOARD MEMBER

JULIA A. BOTEL, Ed.D
BOARD MEMBER

DOUGLAS A. LAWSON
BOARD MEMBER

MOTIONED BY: _____

SECONDED BY: _____

T. MCCOY _____

K. MILLER-ANDERSON _____

S. LANIER _____

J. BOTEL _____

D. LAWSON _____

REVIEWED AS TO LEGAL SUFFICIENCY

DAWN S. WYNN
BOARD ATTORNEY

DATE: _____

ORDINANCE NO. 2972

**AN ORDINANCE OF THE CITY OF RIVIERA BEACH,
PALM BEACH COUNTY, FLORIDA CREATING THE
CITY OF RIVIERA BEACH UTILITY SPECIAL
DISTRICT; ADOPTING THE SPECIAL DISTRICT
CHARTER; PROVIDING FOR CONFLICTS,
CODIFICATION AND SEVERABILITY; AND
PROVIDING AN EFFECTIVE DATE.**

WHEREAS, pursuant to Article VIII, Section 1, of the Florida Constitution, and other applicable laws, the City Council of the City of Riviera Beach, Florida, as a Home Rule municipality, has all powers of local self government to perform city functions and to render city services in a manner not inconsistent with general or special law, and such power may be exercised by the enactment of city ordinances; and

WHEREAS, pursuant to Chapter 189, Florida Statutes, the Uniform Special District Accountability Act of 1989, as amended from time to time, municipalities may create a Special District to perform special purposes, including, but not limited to, the acquisition, financing, operation, management, repair, replacement, renewal, extension and expansion of public infrastructure for the provision of municipal services; and

WHEREAS, the City has determined that it is in its best interests and the best interests of its residents and the public to create, own, improve, construct, operate and maintain a utility special district, and that a utility special district is the best alternative to accomplish the City's utility infrastructure purposes, for the following reasons:

(1) From the public perspective, in order to promote the public health, safety and welfare of the City, and to protect and preserve the environment in and around the City, the creation of a utility special district best serves the public and is in the public interest by allowing greater flexibility for the City to fund and operate necessary capital infrastructure projects.

(2) The City must meet the comprehensive planning requirements of Chapter 163, Florida Statutes, which mandate that Florida local governments, including the City, coordinate available sources of funding and the availability of infrastructure. The creation of a utility special district will be a major factor in such required infrastructure funding and project coordination between utility infrastructure and City general fund infrastructure development.

**NOW, THEREFORE, BE IT ORDAINED BY THE CITY COUNCIL OF THE
CITY OF RIVIERA BEACH, FLORIDA, as follows:**

ORDINANCE NO. 2972

PAGE 2

SECTION 1. The City is authorized by the Florida Constitution and the provisions of applicable Florida laws, including, but not limited to, Section 189.4041, Florida Statutes, to create a dependent utility special district, and to construct, reconstruct, improve, and extend City utility systems and to issue revenue bonds and other debts if needed to finance in whole or part the cost of such utility systems and to establish just and equitable rates, fees, and charges for the services and facilities provided by the utility systems.

SECTION 2. In accordance with the requirements of Section 189.4041, Florida Statutes, the City hereby adopts the Utility Special District Charter which is attached to this Ordinance (the "Charter") and made a part hereof. The Charter sets forth each of the requirements of Section 189.4041(4), Florida Statutes.

SECTION 3. All ordinances or parts of ordinances insofar as they are inconsistent or in conflict with the provisions of this Ordinance or Charter are repealed to the extent of any conflict.

SECTION 4. The provisions of the Charter shall be codified in the City Code.

SECTION 5. In the event that any portion or section of this Ordinance, including, but not limited to, the Charter, is determined to be invalid, illegal or unconstitutional by a court of competent jurisdiction, such decision shall in no manner affect the remaining portions or sections of this Ordinance or the Charter which shall remain in full force and effect.

SECTION 6. This Ordinance shall take effect immediately upon its adoption by the City Council.

PASSED AND APPROVED on first reading this 2ND day of JUNE, 2004.

PASSED AND ADOPTED on second and final reading this 16 day of June, 2004.

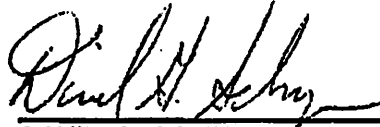
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ORDINANCE NO. 2972
PAGE 3

APPROVED:



MICHAEL D. BROWN,
MAYOR



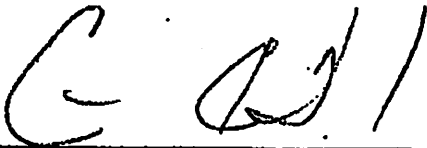
DAVID G. SCHNYER
CHAIRPERSON

(MUNICIPAL SEAL)



ANN ILES
CHAIR PRO-TEM

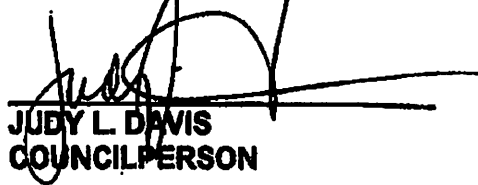
ATTEST:



CARRIE E. WARD,
MASTER MUNICIPAL CLERK
CITY CLERK



DONALD R. WILSON
COUNCILPERSON



JUDY L. DAVIS
COUNCILPERSON

ABSENT

ELIZABETH "LIZ" WADE
COUNCILPERSON

REVIEWED AS TO LEGAL SUFFICIENCY



PAMALA H. RYAN, CITY ATTORNEY

DATE: 5/26/04

ORDINANCE NO. 2972
PAGE 4

MOTIONED BY: E. WADE

MOTIONED BY: D. WILSON

SECONDED BY: D. WILSON

SECONDED BY: A. ILES

1ST READING

2ND & FINAL READING

D. SCHNYER AYE

AYE

A. ILES AYE

AYE

D. WILSON AYE

AYE

J. DAVIS AYE

AYE

E. WADE AYE


ABSENT

ORDINANCE NO. 2972
PAGE 5

CERTIFICATION OF PUBLICATION

I hereby certify that notice of the proposed enactment of this Ordinance was duly published in a newspaper of general circulation within the City of Riviera Beach as required by the applicable Florida Statutes.

June 16, 2004
Date



Carrie E. Ward, MMC
City Clerk

**UTILITY SERVICES AGREEMENT
BETWEEN THE CITY OF RIVIERA BEACH, FLORIDA
AND
THE CITY OF RIVIERA BEACH UTILITY SPECIAL
DISTRICT**

THIS UTILITY SERVICES PURCHASE AGREEMENT ("Agreement"), is made and entered into as of this 23rd day of September, 2004, (the "Effective Date"), by and between the City of Riviera Beach, Florida, a Florida municipal corporation ("CITY") and the City of Riviera Beach Utility Special District, a legal entity and public body created pursuant to Ordinance No. 2972, of the CITY, and Chapter 189, Florida Statutes ("District").

In consideration of the mutual promises, covenants, representations and agreements contained herein, and other good and valuable consideration exchanged between the parties, the parties to this Agreement do undertake, promise and agree for themselves, their permitted successors and assigns as follows:

DEFINITIONS

"*Agreement Year*" is defined as any consecutive twelve (12) month period during the term of the Agreement (including the renewal options) that begins on each and every October 1st and ends on each and every subsequent September 30.

"*Applicable Law*" is defined as those laws, rules, regulations, codes, administrative and judicial orders, directives, guidelines, judgments, rulings, interpretations or similar requirements or actions of any federal, state, local government, agency or executive or administrative body of any of the foregoing in each case that pertain to the (a) parties' respective responsibilities under this Agreement (b) operation or maintenance of the Facilities, (c) health and welfare of individuals working at or visiting the Facilities, and (d) the collection, delivery, pretreatment, treatment and disposal of the District's wastewater. This definition specifically includes the terms, conditions, requirements or schedules of any administrative or judicial settlement or enforcement related, in any way, to the Facilities, to the collection, delivery, pretreatment or treatment of the District's water and/or wastewater and to the environmental permits issued for the Facilities.

"*Asset Purchase Agreement*" is defined as the Asset Purchase Agreement between the CITY and the District dated 9/23, 2004.

"*Capital Improvement(s)*" shall mean changes, modifications, additions, or upgrades to the Facilities constructed or implemented by the District or with the District's prior approval.

"CERCLA" is defined as the federal Comprehensive Environmental Response Compensation and Liability Act, as same may be amended from time to time, 42 USC §9601 et seq.

"Change of Law" the occurrence of any of the events listed in (i) through (iv) below, which results or can reasonably be expected to result in either (a) the need to make a Capital Improvement at any of the Facilities in order for the CITY to operate the Facilities in accordance with this Agreement and Applicable Law and/or (b) an increase to the cost of operating or maintaining the Facilities in accordance with this Agreement and Applicable Law:

(i) there is passed or promulgated any federal, state, or other local law, statute, ordinance, rule or regulation different from those existing on the date of execution of this Agreement and which requires the implementation/construction of a Capital Improvement or a change in the Facilities' manner of operation;

(ii) there is passed or promulgated any amendment to, or change in, any federal, state, or other local law, statute, ordinance, rule or regulation following the date of this Agreement which requires the implementation/construction of a Capital Improvement or a change in Facilities' manner of operation;

(iii) there comes into existence an order or judgment of any federal, state, or local court, administrative agency or other governmental body with jurisdiction over the Facilities following the execution of this Agreement, containing interpretations of any federal, state, or other local law, statute, ordinance, rule or regulation relating to the operation or maintenance of the Facilities or the health and safety of the CITY's employees that is inconsistent with generally accepted interpretations in effect on the date of execution of this Agreement; provided that an order or judgment of any federal, state, or local court, administrative agency or other governmental body after the date of execution of this Agreement which determines that the Facilities have been operated in a manner inconsistent with the CITY's obligations hereunder shall not constitute a "Change of Law"; and

(iv) (a) there is imposed by operation of any federal, state, or other local law, statute, ordinance, rule or regulation, any condition different from those existing on the date of execution of this Agreement on the issuance or renewal, or (b) there shall be a suspension, termination, interruption, revocation, denial or failure of renewal (for reasons other than CITY fault or failure by the CITY to comply with the terms of this Agreement), of any official permit, license or necessary approval, including without limitation such of the foregoing as are issued or approved by the USEPA, the Occupational Safety and Health Administration or the State Environment Department.

"CITY" is defined in the Preamble to this Agreement.

"*Clean Water Act*" is defined as the Federal Water Pollution Control Act, as same may be amended from time to time, 33 USC §1251 et seq.

"*Commencement Date*" is defined in Section 6.1(a).

"*District*" is defined in the Preamble to this Agreement.

"*District's Industrial Pretreatment Program*" is defined as the program implemented by the District to, inter alia, license, monitor and police persons or industries discharging wastewater into the District's sewer system.

"*Facilities*" is defined as the District's water and wastewater utility system. This water and wastewater utility system includes (i) the District's water supply, water distribution and wastewater collection systems, including all underground and above ground potable water and sanitary piping, lift stations and the water meters and (ii) the WTP.

"*Force Majeure*" is defined as any act, event or condition to the extent that it materially and adversely impacts the cost of performance of, or materially and adversely affects the ability, of either party to perform any obligation under this Agreement (except for payment obligations) if such act, event or condition, in light of any circumstances that should have been known or reasonably believed to have existed at the time, is beyond the reasonable control and is not a result of the willful or negligent act, error or omission or failure to exercise reasonable diligence on the part of the party relying thereon; provided, however, that the contesting in good faith or the failure in good faith to contest such action or inaction shall not be construed as a willful or negligent act, error or omission or a lack of reasonable diligence of either party.

(a) Inclusions subject to the forgoing, such acts, events or conditions may include, but shall not be limited to, the following:

(i) an act of God (but not including reasonable anticipated weather conditions for the geographic area of the Facilities as of the Commencement Date), landslide, earthquake, fire, explosion, flood, sabotage, or similar occurrence, acts of a public enemy, extortion, war, blockade or insurrection riot or civil disturbance;

(ii) the failure of any appropriate governmental agency or private utility to provide and maintain utilities;

(iii) a Shutdown;

(iv) any failure of title to any of the Facilities or any placement or enforcement of any lien, charge or encumbrance on any of the Facilities or on any improvements thereon that is not consented to in writing by, or arising out of any action or agreement entered into by, either party to the Agreement;

(v) the preemption, confiscation, diversion, destruction, or other interference in the possession or performance of materials located at or Operational Services performed at any of the Facilities and necessary for any such Facility to operate in accordance with the requirements of District's water supply, wastewater discharge or other permits, on behalf of or with authority of a governmental body in connection with a declared or asserted public emergency or any condemnation or other taking by eminent domain or similar action of any portion of the Facilities; and

(vi) the presence at any of the Facilities of (i) subsurface structures, materials or conditions, having historical, geological, archeological, religious or similar significance; (ii) any habitat of an endangered or protected species; or (iii) functioning subsurface structures used by utilities on, underneath, near or adjacent to such Facility.

(b) None of the following acts, events or conditions shall constitute an event of Force Majeure:

(i) general economic conditions, interest or inflation rate fluctuations, commodity prices or changes in process, or currency or exchange rate fluctuations;

(ii) changes in the financial condition of the District, the CITY, or any of their affiliates or subcontractors;

(iii) union work rules that increase the CITY's operating cost for the Facilities;

(iv) any impact of prevailing wage laws on the CITY's costs;

(v) the consequence of CITY error, including any errors of CITY affiliates or subcontractors;

(vi) failure of any subcontractor or supplier to furnish labor, Operational Services, materials or equipment on the dates agreed to;

(vii) strikes, work stoppages or labor disputes involving CITY's employees;

(viii) litigation against the District and/or CITY; and

(ix) an inability to locate qualified labor in the local market.

"Operational Services" is defined in Section 3.1.

"Process Residue" is defined in Section 3.8(a).

"RCRA" is defined as the Resource Conservation Recovery Act, as same may be amended from time to time, 42 USC §8921 et seq.

"Shutdown" is defined as the cessation or substantial interruption of normal operations at any of the Facilities due to failure of operating equipment or interruption of the processes of any of the Facilities for reasons other than the negligence of the CITY or its employees, agents or subcontractors.

"State" is defined as the State of Florida.

"USEPA" refers to the United States Environmental Protection Agency.

"WTP" shall mean the District's water treatment plant and appurtenant facilities.

ARTICLE I

PURPOSE

Pursuant to the Asset Purchase Agreement, during the term of this Agreement, the District agrees to engage the CITY to manage, operate and maintain the Facilities, perform the District's utility billing, collection and customer service functions, and perform administrative services for the District, and CITY agrees to manage, operate and maintain the Facilities and perform such utility billing, collection and customer service functions in accordance with the terms and conditions of this Agreement and Applicable Law. Each party hereto agrees that it will cooperate in good faith with the other and its agents, employees, representatives, officers, contractors and subcontractors to facilitate the performance of the mutual obligations set forth in this Agreement. Undefined terms in this Agreement shall have the same definition as provided in the Asset Purchase Agreement, except as specifically defined to the contrary in this Agreement.

ARTICLE II

SCOPE OF OPERATION AND MAINTENANCE SERVICES OF CITY

2.1 General.

The CITY shall provide the labor, tools, utilities, materials, vehicles and supplies necessary for the management, operation, and maintenance and repair of the Facilities to the extent specifically set forth in this Article III (hereinafter the "Operational Services"). The Operational Services include:

- (a) The operation of the Facilities in accordance with Applicable Law.
- (b) The routine predictive and preventive maintenance of the Facilities on a timely basis.
- (c) The repair and replacement of equipment on an as needed basis.
- (d) The timely preparation and prompt delivery of all applicable and required filings to regulatory agencies as prescribed by Applicable Law.
- (e) The implementation of the District's Capital Improvement Plan.

2.2 Process Control Standards.

- (a) Subject to the District's obligations and duties under this Agreement, the goal of the CITY is to manage and operate the Facilities in a manner

designed to meet all the requirements of the existing water supply and wastewater permits, safe drinking water standards, and any other provision of Applicable Law.

(b) The CITY shall operate the Facilities using reasonable efforts to provide this level of treatment.

2.3 Routine Maintenance of the Facilities and Equipment.

Subject to the limitations set forth in Sections 3.5 and 3.20 below, the CITY shall provide the labor necessary to: (i) perform routine maintenance consisting of predictive and preventative maintenance in accordance with manufacturers' specifications and approved operating and maintenance procedures developed for equipment and processes of the Facilities; (ii) repair and/or replace equipment; (iii) clean and lubricate equipment; (iv) make equipment inspections and needed adjustments; (v) perform building and grounds janitorial services for the Facilities and cleaning of all equipment and vehicles; (vi) maintain vehicles and light duty service trucks necessary for daily operations; and (vii) maintain all Facilities' instrumentation, including instrumentation provided to the CITY by the District pursuant to this Agreement. CITY shall schedule and track all preventive and corrective maintenance and perform spare parts inventory control in accordance with standard industry practice.

2.4 Repairs and Replacement.

(a) The CITY shall be responsible for all routine maintenance, repair and replacement of District Facilities, including, but not limited to, building repairs, vehicle repairs, equipment repairs, line repairs and repairing and repaving utility cuts.

(b) The CITY shall not incur an Extraordinary Cost without the prior written approval of the District. Except in the case of emergencies threatening the immediate Shutdown of, or substantial reduction in the productive capacity of a Facility or the Facilities, or the life, health or property of the District, its employees and/or agents or others (for purposes of this Section 3.5 only, an "Emergency"), the CITY shall give the District at least five (5) days written notice of an anticipated need to incur an Extraordinary Cost. Notwithstanding the foregoing, the CITY shall have the right to take the necessary action in an Emergency in the event it is not reasonably possible to give the five (5) days' prior written notice to the District of the need to incur an Extraordinary Cost.

(c) In connection with the performance of its repair and replacement obligations under this Agreement, the CITY shall, within a period of not less than thirty (30) days prior to each Adjustment Date, prepare and submit for the District's review and approval (which review and approval shall not be unreasonably withheld or delayed) the Annual R&R Budget projecting in reasonable detail the Annual R&R Expenses for the succeeding Fiscal Year.

2.5 Capital Improvements.

CITY shall provide to District annually a listing of recommended Capital Improvements and the corresponding proposed Extraordinary Costs in order to ensure that the operation of the Facilities will continue to conform with Applicable Law and/or in order to improve the reliability of operations. The CITY shall manage all Capital Improvement projects authorized by the District.

2.6 Staffing.

(a) CITY shall use its professional judgment to determine and provide a sufficient number of qualified and, where required, certified staffing, with demonstrated experience necessary to operate and maintain the Facilities, for all positions associated with the operation and maintenance of the Facilities.

(b) The CITY shall staff the Facilities as required by Applicable Law.

(c) The City shall be responsible for payment of all payroll, employee benefits, workers compensation insurance, and other human resource services with respect to City employees providing services to the District under this Agreement.

2.7 Testing and Laboratory Analysis.

(a) CITY shall cause the performance of all sampling and laboratory analysis required by District permits and the District's Industrial Pretreatment Program and necessary for process control.

(b) The CITY shall prepare the data for all permit monitoring and operating reports, including such monitoring undertaken as part of the District's Industrial Pretreatment Program, and shall deliver and certify such results to the District and to all required regulatory agencies.

2.8 Training.

CITY shall provide an appropriate level of training for its personnel in areas of operation, maintenance, safety, supervisory skills, laboratory and energy management. A proper safety program shall be implemented by CITY prior to beginning its Operational Services under this Agreement. Such safety program shall comply with Applicable Law and CITY agrees that it will adhere to all portions of that safety program.

2.9 Communications.

(a) To keep the District informed about the status of the Facilities, the CITY shall develop an informational communications program, subject to District's approval, which shall include a written monthly report to District on the operational status and maintenance of the Facilities.

(b) CITY may interface with regulatory agencies as needed. CITY shall conduct its dealing with all third parties, including individuals, regulators, media or community groups in a professional manner.

2.10 Management Information Systems.

CITY shall install, to the extent necessary in the reasonable opinion of the CITY, computer hardware and software to assist in the operation, management, and financial reporting and all other MIS and GIS requirements of the District.

2.11 Reports.

(a) CITY shall maintain computerized and all other necessary records of operations, maintenance, repair and improvement activities at the Facilities and shall prepare and submit to the District, if requested, a monthly report, including a narrative summary of operations, maintenance, repair and replacement activities and all data required for monthly reporting to local, state and federal agencies.

(b) CITY shall prepare all reports and comply with all filing, monitoring and information reporting obligations required by District's environmental permits and local, state and federal regulatory agencies, including, but not limited to the annual Consumer Confidence Report as required by the US EPA and Plans updates to the Emergency Response that was submitted in the Proposal. Prior to submitting such reports to regulatory agencies or customers, CITY shall provide the same to District for its review, approval and signature. The CITY shall certify the results all permit monitoring and operating reports to the District and to all regulatory agencies as required by law or permit.

(c) All Facility records and data, including but not limited to operation reports, laboratory reports and monitoring documentation, but excluding CITY's budgetary and financial information, are the sole property of the District and cannot be destroyed by CITY without written consent of the District. All site-specific operating procedure guidelines, preventative maintenance and safety programs and plant evaluation reports will, in hard copies and electronic copies, upon termination of this Agreement, become and remain the property of the District.

2.12 Emergency Response.

(a) CITY shall provide emergency response when required. Emergencies include, but are not limited to, situations in which, absent CITY's action, there is a risk of circumstances affecting the safety of persons or property.

(b) CITY shall provide said emergency response as promptly as possible.

(c) In the event of sudden damage or destruction of any portion of the Facilities, or in the event of an emergency which in the reasonable judgment of the CITY is likely to result in material loss or damage to any portion of the Facilities, or constitute a

threat to human health or safety, the CITY may suspend operations of those portions of the Facilities which are reasonably determined to be affected by the emergency and may make such emergency repairs as are necessary to mitigate or reduce such loss, damage or threat.

2.13 Manufacturers' Warranties.

The CITY shall be responsible for maintaining all manufacturers' warranties on new equipment purchased by the District after the Commencement Date and CITY shall assist the District in enforcing existing warranties and guarantees for equipment used in connection with the operation of the Facilities.

2.14 Additional Operation and Maintenance Costs and Expenses

The District will bear the following operational, maintenance and/or repair and replacement expenses:

(a) Expenses resulting from a change in the scope of service or physical change to any of the Facilities, except to the extent incurred for the convenience of the CITY

(b) Expenses resulting from a Change of Law;

(c) Extraordinary Costs including without limitation any and all Extraordinary Costs necessitated by the occurrence of a disabling event qualifying under the definition of Force Majeure hereunder;

(d) Additional operating expenses necessitated by the occurrence of a disabling event qualifying under the definition of Force Majeure hereunder;

(e) Fire protection;

(f) Professional engineering fees and activities outside the scope of technical services to be provided pursuant to Section 3.10 herein;

(g) Expenses incurred from the treatment of Non-Processible Wastewater, including without limitation, any penalties and fines that may be assessed as a result therefrom;

(h) Expenses resulting from the treatment of wastewater discharged into the Wastewater Treatment Facility in violation of any part of the Sewer Use Ordinance;

(i) Process Residue transportation and disposal expenses resulting from any increase in such transportation and disposal expenses;

(j) Transportation and disposal expenses associated with the disposal of residue from the industrial waste stream blending and treatment; and

- (k) Expenses resulting from damage to any of the Facilities; and

District shall reimburse and/or compensate the CITY for all expenses incurred or paid by the CITY for those items listed in (a) through (k) above. Expenses subject to reimbursement under this Section shall include, but shall not be limited to with respect to each of the items specified above, the costs of subcontractors hired by the CITY, CITY's own overtime and/or additional direct labor expenses, the costs of fuels and other expendable supplies, etc.

ARTICLE III UTILITY BILLING AND CUSTOMER SERVICE

3.1 General Billing Responsibilities for the CITY.

(a) The CITY shall provide the District general billing, meter reading and customer service.

(b) The CITY shall have full responsibility to provide all billing and customer services in a manner consistent with the following standards (hereinafter "Basic Billing and Customer Service Performance Standards"):

- (i) Meter Reading.
- (ii) All water meters shall be read on a monthly basis.
- (iii) Malfunctioning meters, visible leaks or damage to the meter or box shall be repaired by CITY.
- (iv) Meter readers are required to read every meter in the route. Any instances where a meter reader suspects an illegal hook-up should be reported immediately to the CITY's office. If a meter is present, the CITY will have a meter reader note the serial number and reading. Illegal hook-ups will be reported to the District for action.
- (v) Individual accounts on routes which are "no reads" (skips) will be reviewed daily by the CITY. If upon further investigation, it is determined that a reading could have been obtained, the CITY shall take immediate steps to obtain the reading.

3.2 Field Services.

(a) The CITY shall provide field personnel to accomplish the following meter service functions:

- (i) Turn-on and turn-off of customer meters in response to account changes,
- (ii) Delinquent accounts, customer requests, or emergencies;

- (iii) Verify meter sizes;
- (iv) Verify meter reading accuracy;
- (v) Meet with customer at property to discuss and evaluate disputes and make a report to customer service; and
- (vi) Review with customers at property, how to read meter, typical usage of water, and conservation measures that customer can implement.

(b) All field service shall be made via work orders with prompt notification of the maintenance service provider when applicable. The CITY agrees to complete work orders for disconnections, reconnections, meter test, and other general work orders relating to existing water services or distribution system in a timely manner.

(c) The CITY shall provide a business recovery functions plan to the District.

3.3 Processing Utility Bills; Problem Resolutions.

(a) The CITY shall compose, prepare, print and mail customer bills monthly. Customer bills shall be prepared in such cycles as mutually agreed by the CITY and the District. The cost of postage for customer bills shall be at the expense of the District. The City may establish electronic billing and mailing.

(b) The CITY shall undertake and perform all billing services required to timely and regularly process customer utility bills. Such billing services shall include, by way of example and not limitation, the following:

(i) Create a working file of prepared meter readings formatted for the billing system;

(ii) Review notes or trouble codes from meter readers and issue appropriate work orders to rectify problems;

(iii) Follow up on notices (e.g., apparent leaks, reasons for high usage, inaccessible meters, broken register, vacant houses, stuck meters) left by meter readers to the customers or owners;

(iv) Produce consumption reports for the billing process and analyze unusual usage or stuck meters; issue work orders and contact customers as appropriate;

(v) Produce a billing from consumption reports, and review the billing for appropriateness of charges and suspected errors;

(vi) Develop quality assurance procedures to insure, by sample testing and review, the accuracy of bills on a periodic basis;

(vii) Work with the operation and maintenance field service personnel in verifying any unusual situations found in the billing process that are related to meter or meter reading problems;

(viii) Issue work orders designed to clarify questions raised during the billing process and categorize and analyze work orders and make recommendations as to how to minimize work orders and gain efficiencies;

(ix) Mail special notices to customers; and

(x) Insert "bill stuffers".

3.4 Computer Processing and Related Services.

(a) The CITY shall maintain, on its own computer system, the master customer records of the District's water customers. This information shall be made available to the District. The District may provide the CITY other fees and assessments to be added as separate items on the bills.

(b) All date-related data shall be formatted as required by the District.

(c) The CITY shall develop necessary special programming and controls that show customer accounts on a billed versus collected basis and provide a percentage of collection on each of the items. Such special programming and controls which will be provided by the CITY, by way of example and not limitation, shall include water revenues, wastewater revenues, special assessment revenues, connection fee revenues, reuse revenues, and revenues from any other fees approved by the District.

3.5 Basic Billing and Customer Service Reports.

The CITY shall timely prepare and provide the customer billing and customer service reports, as requested by the District.

3.6 General Customer Service Responsibility of the CITY.

To satisfy the customer service objectives of the District as stated in the preamble to this Agreement, the following general customer services shall be required of and timely provided by the CITY.

(a) The CITY shall be responsible for the accuracy of all customer information such as deposits, new accounts, file information, changes to accounts and charges.

(b) Customer accounts shall be closed and finalized upon the request of the customer. No customer account shall be deleted until a new account with a deposit is opened. A work order to discontinue service may be issued to eliminate delinquent customer usage charges.

(c) If at any time a customer account is opened or a meter set without a deposit, the CITY will notify a field service representative to issue notice to the property that service will be terminated unless a deposit is provided.

(d) The CITY shall be responsible for the enforcement of delinquent customer accounts in accordance with the District's reasonably established policies and procedures.

3.7 Office Customer Service; Remittance Processing.

(a) The CITY shall respond in a timely manner to all customer inquiries including, by way of example and not limitation, bill inquiries and inquiries pertaining to service initiation and termination, and reports of water breaks, low water pressure, water quality concerns, odors and wastewater discharge. The CITY's customer service personnel shall also be prepared to answer commonly asked questions without referral to other personnel.

(b) The CITY shall be responsible for answering questions regarding delinquent account information. It shall be the responsibility of the CITY's customer service personnel to respond to these questions and respond how to rectify the delinquent situation.

(c) The CITY shall be responsible for setting up new accounts, computing necessary deposits in accordance with District tariffs, closing accounts, and relaying this information to the District. The CITY shall immediately enter this information into the CITY's computer system and verify it for quality assurance.

(d) The CITY shall provide for walk-in customer service, for setting up temporary meters, or for the collection of fees charged for tapping and connection based on District tariffs.

3.8 Field Customer Service.

The CITY shall provide field customer service by qualified personnel consistent with the Basic Billing and Customer Service Performance Standards. Customer service provided in the field shall include, by way of example and not limitation, activation and termination of service during the hours on the days when the customer service center is open and the investigation of customer problem reports. Customer service activation (turn-on) occurring other than normal business hours will be provided by the CITY for an additional fee not included in the Base Compensation.

3.9 Remittance of Funds to District.

All receipts will be combined daily for deposit to the District's designated bank account. These moneys will be promptly deposited except for legal holidays, weekends, and disasters beyond the control of the CITY.

**ARTICLE IV
ADMINISTRATIVE SERVICES**

4.1 General Administrative Services.

The CITY shall provide the District the following general administrative department services:

- (a) District Utility Director
- (b) District Clerk, including, but not limited to, official records custodian.
- (c) District Finance Department, including, but not limited to, Finance Director to the District.
- (d) District Legal Department, including, but not limited to, general counsel to the District.
- (e) District Procurement Department.
- (f) District Information Services Department.
- (g) District Risk Management Department
- (h) District Human Resources Department

4.2 Additional Administrative Services.

The CITY shall provide such other District administrative services as required by the District from time to time during the term of this Agreement.

**ARTICLE V
RESPONSIBILITIES OF THE DISTRICT**

5.1 Permits.

The District shall be responsible for obtaining and maintaining all State, federal and local permits and licenses required for ownership and operation of the Facilities, including without limitation, any water supply permit and/or NPDES permit. District shall also be responsible for the payment of all regulatory and governmental fees associated with ownership and operation of the Facilities and the District's equipment used in connection with the operation and maintenance of the Facilities. The CITY shall provide all necessary assistance to the District in obtaining and maintaining all required State, federal and local permits, licenses, and, to the extent allowable, all approvals required for the operation of the District's Industrial Pretreatment Program developed for the District, associated with the operation and maintenance of the Facilities.

5.2 Compliance with Laws.

The District will comply with Applicable Law pertaining to the Facilities to the extent that the responsibility of complying with those laws is not specifically assumed by the CITY under the terms of this Agreement.

5.3 Taxes.

The District shall be responsible for all applicable real estate, personal property, sales, excise and utility taxes applicable to the Facilities and the services provided by the CITY to the District under this Agreement. The CITY shall be responsible for all CITY-employee related wages and taxes.

5.4 Support.

The District shall permit use by the CITY, without charge, of all District equipment, structures, buildings, meeting rooms, facilities, GIS hardware and software, MIS hardware and software, and vehicles. CITY shall be responsible for the maintenance and operation of all equipment, structures, facilities and vehicles which belong to the District and which are used by the CITY.

5.5 Notice of Litigation.

In the event that the District receives notice of or undertakes the defense or the prosecution of any action, claim, suit, administrative or arbitration proceeding or investigation in connection with either the ownership, management operation and/or maintenance of the Facilities, and/or the performance of billing, collection and customer service functions, the District shall give the CITY notice within five (5) business days or receipt of notice by District of such proceedings and shall inform the CITY in advance of all hearings regarding such action, claim, suit, proceeding, or investigation. In the event the CITY receives notice of any action, claim, suit, administrative or arbitration proceeding or investigation in connection with either the ownership, management, operation and/or maintenance of the Facilities, and/or the performance of billing, collection and customer service functions, the CITY shall give District notice within five (5) business days of receipt of notice by CITY of such proceedings.

5.6 General Authority.

The District shall perform all duties and discharge all responsibilities and obligations relating to the operation and maintenance of the Facilities and the performance of billing, collection and customer service functions not expressly assumed by the CITY pursuant to the terms of this Agreement.

ARTICLE VI TERM AND TERMINATION

6.1 Term.

(a) This Agreement will commence on Closing of the Asset Purchase Agreement (the "Commencement Date") and will continue for the longer of the duration

of the term of the District or the term of the Acquisition Bonds as defined in the Asset Purchase Agreement, unless cancelled in writing by the parties or otherwise terminated in accordance with this Agreement.

(b) If the Agreement is not otherwise terminated, all terms and conditions of this Agreement shall remain in full force and effect unless modified in writing and signed by both parties.

6.2 Termination.

(a) The failure of either party to comply with the terms of this Agreement shall constitute a default. Upon default by one party, the other party shall send a written Notice of Termination. Such notice shall clearly specify the nature of the default and provide the defaulting party one hundred eighty (180) days to cure the default. If the default is capable of being cured within one hundred eighty (180) days but is not cured within one hundred eight (180) days, the Agreement shall terminate at midnight of the one hundred eightieth (180th) day following receipt of the Notice. In the case of a default that cannot be cured within one hundred eighty (180) days, this Agreement shall not terminate so long as the defaulting party has given written notice of the extension to the other party and the defaulting party has commenced and is diligently pursuing a cure. Evidence of such cure and its diligent pursuit shall be provided from the party determined to be in default to the satisfaction of the other party.

(b) In the event of the termination of this Agreement under (a) above, the District shall pay CITY for the services provided and invoiced by CITY (including all unpaid Extraordinary Costs) up to the effective date of termination.

ARTICLE VII COMPENSATION

7.1 Compensation.

(a) The District shall pay the CITY for services rendered under Article II, Article III, Article IV, and any other provisions of this Agreement compensation equal to the CITY's cost of providing such services. The CITY shall invoice the District at such time(s) as determined by the CITY in accordance with the CITY's annual budget, as amended from time to time by the CITY. The District's Finance Director is authorized to pay all invoices upon receipt.

7.2 Other Fees and Expenses.

The District shall reimburse or pay the CITY for all costs and expenses and additional services provided by the CITY.

7.3 Accounting Records.

CITY shall maintain up-to-date financial and accounting records as they apply to the services rendered by the CITY under the terms of this Agreement including all bills,

receipts, and invoices related to Extraordinary Costs. All records must be kept in accordance with the CITY's standard accounting practices and made available to the District within fifteen (15) working days of District's written request.

ARTICLE VIII RISK MANAGEMENT

8.1 CITY's Insurance.

CITY agrees to secure, at District's expense, insurance necessary to protect itself and shall secure and maintain in force the following insurance policies, with the limits set forth below, or such other limits as the CITY determines from time to time are in the public interest:

(a) Workers' Compensation and Employers' Liability insurance in an amount sufficient by virtue of the laws of the jurisdiction in which the services or any portion of the services are performed;

(b) General Liability Insurance in which the limit of liability for injuries, including accidental death, shall be at least One Million (\$1,000,000) Dollars for any one occurrence;

(c) General Liability Insurance in which the limit of liability for property damage shall be at least One Million (\$1,000,000) for any one occurrence;

(d) Automobile Liability Insurance in which the limit of liability for injuries, including accidental death, shall be at least One Million (\$1,000,000) Dollars for any one occurrence;

(e) Automobile Liability Insurance in which the limit of liability for property damage shall be at least One Million (\$1,000,000) for any one occurrence; and

All insurance policies shall be issued by reputable insurance companies authorized to do business under the laws of the jurisdiction in which the services hereunder are to be performed and shall contain mutual waivers of subrogation. All such insurance policies will be primary in the event of the occurrence of a loss that is insured under the CITY's insurance policies hereunder and shall provide that where there is more than one insured, the policy will operate, except for the limits of liability, as if there were a separate policy covering each insured. Insurance certificates evidencing such insurance naming the District as an additional insured shall be filed with District on or before the CITY begins performing any services hereunder.

CITY agrees to provide the District with a thirty (30) day prior written notice of the cancellation of any policy hereunder.

CITY agrees to insert in all subcontracts issued hereunder, provisions which shall conform substantially to the language of this section, including this paragraph.

8.2 District Insurance.

The CITY will obtain for the District property and structures liability insurance, flood and fire insurance policies, including extended coverage plus coverage for vandalism, theft and malicious mischief, to the full insurable value of the Facilities. The CITY may include insurance for the District within the CITY's insurance policies.

**ARTICLE IX
MISCELLANEOUS**

9.1 Relationship.

The relationship of the CITY to the District is that of Independent contractor for all purposes under this Agreement, including for the purposes of applicable wage, tax, fringe benefit and worker compensation laws. This Agreement is not intended to create, and shall not be construed as creating, between CITY and District, the relationship of principal and agent, joint venturers, co-partners or any other similar relationship, the existence of which is hereby expressly denied.

9.2 Entire Agreement; Amendments.

This Agreement contains the entire agreement between the District and the CITY and supersedes all prior or contemporaneous communications, representations, understandings or agreements. This Agreement may be modified only by a written amendment signed by both parties.

9.3 Headings, Attachments and Exhibits.

The headings contained in this Agreement are for reference only and shall not in any way affect the meaning or interpretation of this Agreement. The Appendices, attachments and Exhibits to this Agreement shall be construed as an integral part of this Agreement.

9.4 Waiver.

The failure on the part of either party to enforce its rights as to any provision of this Agreement shall not be construed as a waiver of its rights to enforce such provisions in the future.

9.5 Assignment.

This Agreement shall be binding upon the successors and assigns of each of the parties, but neither party shall assign this Agreement without the prior written consent of the other party, which consent shall not be unreasonably withheld.

[Signature Page to Follow]


CITY OF RIVIERA BEACH, FLORIDA



MICHAEL D. BROWN
MAYOR

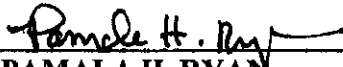
(MUNICIPAL SEAL)

ATTEST:



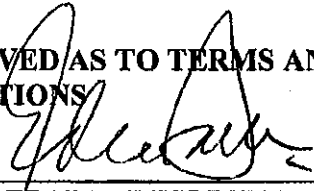
CARRIE E. WARD
MASTER MUNICIPAL CLERK
CITY CLERK

**REVIEWED AS TO LEGAL
SUFFICIENCY**



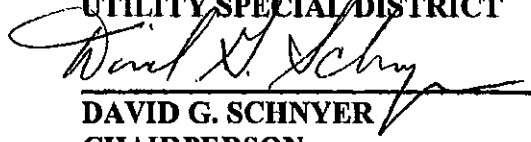
PAMALA H. RYAN
CITY ATTORNEY

**APPROVED AS TO TERMS AND
CONDITIONS**

BY: 

DEPARTMENT DIRECTOR


**CITY OF RIVIERA BEACH
UTILITY SPECIAL DISTRICT**



DAVID G. SCHNYER
CHAIRPERSON

(DISTRICT SEAL)

ATTEST:



CARRIE E. WARD
MASTER MUNICIPAL CLERK
DISTRICT CLERK

**REVIEWED AS TO LEGAL
SUFFICIENCY**



PAMALA H. RYAN
DISTRICT ATTORNEY



"The Best Waterfront City in Which to Live, Work And Play."

City of Riviera Beach

To: Honorable. Mayor, Chairperson and City Council

From: Deirdre M. Jacobs, Assistant City Manager, MPA

Through: Jonathan Evans, City Manager, MPA, MBA, ICMA-CM

Subject: **RESOLUTION NUMBER 2-22UD A RESOLUTION OF THE UTILITY SPECIAL DISTRICT BOARD OF DIRECTORS OF THE CITY OF RIVIERA BEACH, PALM BEACH COUNTY, FLORIDA AUTHORIZING THE BOARD TO APPOINT THE EXECUTIVE DIRECTOR OF UTILITY TO THE EAST CENTRAL REGIONAL WASTEWATER TREATMENT FACILITY (ECR) BOARD ACCORDING TO THE INTERLOCAL AGREEMENT SIGNED SEPTEMBER 9, 1992 AND THE RENEWAL OF THE ECR INTERLOCAL AGREEMENT SIGNED APRIL 20, 2010; AND APPOINT THE EXECUTIVE DIRECTOR AS THE AUTHORIZED SIGNEE FOR ALL PALM BEACH COUNTY HEALTH DEPARTMENT DOCUMENTS PERTAINING TO THE UTILITY SPECIAL DISTRICT AND ITS SERVICE AREA; AND PROVIDING FOR AN EFFECTIVE DATE.**

DEIRDRE M. JACOBS, ACTING EXECUTIVE DIRECTOR OF THE UTILITY SPECIAL DISTRICT, 561-845-4185

Date: January 19, 2022

CC:

General Public

Background:

The City of Riviera Beach entered into an Inter-local Agreement on September 9, 1992 establishing duties and responsibilities among the entities for the operations of the East Central Regional Wastewater Treatment Facilities (ECR). The City's participation in the ECR provides a unified system of wastewater services and it tends to assure the continued provision of a safe and healthy environment for such operations.

Section 4 of the Inter-local Agreement requires that the ECR Board be comprised of five (5) members, one from each local user entity, who shall be the designated official Board members. Each entity shall appoint an alternate, who shall represent in the absence of the designated member. At this time, staff is recommending that the Board appoints Michael Lowe, Executive Director, to the ECR Board and John Armstrong, Senior Utility Engineer, as the alternate.

Staff also is also recommending that the Board appoints Michael Lowe, Executive Director as the authorized signee for all Palm Beach County Health Department documents pertaining to the Utility Special District and its service area.

City Goals:

Accelerate Operational Excellence

Fiscal/Budget Impact:

There are no Budget or Fiscal impacts for this Item.

Recommendation:

In order to comply with the Inter-local Agreement entered into on September 9, 1992, staff

recommends approval of Resolution Number 2-22UD appointing Executive Director Michael Lowe, and appoint Senior Utility Engineer, John Armstrong as the alternate member to the ECR Board as the District's representative.

Attachments:

[1_19_22_Memo_to_ECR_Board_Member.docx](#)

[Resolution Number 2-22UD ECR_Board_Appointment.docx](#)

[1_19_22 ECR Board Appointment Letter.docx](#)

[1_19_22 DOH Appointment Letter-rhediteddj.docx](#)

[9_09_92 Interlocal Agreement Establishing Duties & Responsibilities.pdf](#)



CITY OF RIVIERA BEACH

TO: HONORABLE MAYOR, CHAIRPERSON AND CITY COUNCIL

THROUGH: JONATHAN EVANS, CITY MANAGER, MPA, MBA, ICMA-CM

FROM: DEIRDRE M. JACOBS, ASSISTANT CITY MANAGER, MPA

SUBJECT: APPOINTMENT TO EAST CENTRAL REGIONAL WASTEWATER TREATMENT FACILITY BOARD AND DEPARTMENT OF HEALTH DESIGNATED SIGNEE

DATE: JANUARY 19, 2021

CC: GENERAL PUBLIC

Background:

The City of Riviera Beach entered into an Inter-local Agreement on September 9, 1992 establishing duties and responsibilities among the entities for the operations of the East Central Regional Wastewater Treatment Facilities (ECR). The City's participation in the ECR provides a unified system of wastewater services and it tends to assure the continued provision of a safe and healthy environment for such operations.

Section 4 of the Inter-local Agreement requires that the ECR Board be comprised of five (5) members, one from each local user entity, who shall be the designated official Board members. Each entity shall appoint an alternate, who shall represent in the absence of the designated member. At this time, staff is recommending that the Board appoints Michael Lowe, Executive Director, to the ECR Board and John Armstrong, Senior Utility Engineer, as the alternate.

Staff also is also recommending that the Board appoints Michael Lowe, Executive Director as the authorized signee for all Palm Beach County Health Department documents pertaining to the Utility Special District and its service area.

City Goals:

Accelerate Operational Excellence

Fiscal/Budget Impact:

There are no Budget or Fiscal impacts for this Item.

Recommendation

In order to comply with the Inter-local Agreement entered into on September 9, 1992, staff recommends approval of Resolution Number 2-22UD appointing Executive Director Michael Lowe, and appoint Senior Utility Engineer, John Armstrong as the alternate member to the ECR Board as the District's representative.

Attachments

Resolution Number 2-22UD
ECR Board Appointment Letter
Department of Health Authorized Signee Letter
Inter-local Agreement

RESOLUTION NUMBER 2-22UD

A RESOLUTION OF THE UTILITY SPECIAL DISTRICT BOARD OF DIRECTORS OF THE CITY OF RIVIERA BEACH, PALM BEACH COUNTY, FLORIDA AUTHORIZING THE BOARD TO APPOINT THE EXECUTIVE DIRECTOR OF UTILITY TO THE EAST CENTRAL REGIONAL WASTEWATER TREATMENT FACILITY (ECR) BOARD ACCORDING TO THE INTERLOCAL AGREEMENT SIGNED SEPTEMBER 9, 1992 AND THE RENEWAL OF THE ECR INTERLOCAL AGREEMENT SIGNED APRIL 20, 2010; AND APPOINT THE EXECUTIVE DIRECTOR AS THE AUTHORIZED SIGNEE FOR ALL PALM BEACH COUNTY HEALTH DEPARTMENT DOCUMENTS PERTAINING TO THE UTILITY SPECIAL DISTRICT AND ITS SERVICE AREA; AND PROVIDING FOR AN EFFECTIVE DATE.

WHEREAS, the City of Riviera Beach entered into an Interlocal Agreement on September 9, 1992 establishing certain duties and responsibilities shared among respective local entities which utilize the services provided by the East Central Regional (ECR) Wastewater Treatment Facility; and

WHEREAS, Section 4 of the Interlocal Agreement requires that the ECR Board so created be comprised of five (5) members, who shall represent each of the local user entities and be designated as an official member; and

WHEREAS, the Utility Special District Board hereby appoints the Executive Director as the member for the East Central Regional (ECR) Wastewater Treatment Facility; and

WHEREAS, the Utility Special District Board hereby appoints the Senior Utility Engineer as the alternate member for the East Central Regional (ECR) Wastewater Treatment Facility; and

WHEREAS, the Board hereby appoints the Executive Director as the authorized signee for all Palm Beach County Health Department documents pertaining to the Utility Special District and its service area.

NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF DIRECTORS OF THE RIVIERA BEACH UTILITY SPECIAL DISTRICT, AS FOLLOWS:

SECTION 1. That the City of Riviera Beach Utility Special District Board hereby

appoints Michael Lowe, Executive Director, for the Utility Special District to the ECR Board and John Armstron, Senior Utility Engineer, as the alternate to the ECR Board.

SECTION 2: The Board appoints Michael Lowe, Executive Director as the authorized signee for all Palm Beach County Health Department documents pertaining to the Utility Special District and its service area.

SECTION 3: That the Resolution take effect upon passage and approval by the Utility Special District Board.

PASSED AND APPROVED this _____ day of January, 2022

THE REMAINDER OF THIS PAGE WAS INTENTIONALLY LEFT BLANK.

APPROVED:

SHIRLEY A. LANIER
CHAIRPERSON

ATTEST:

CLAUDENE L. ANTHONY
CERTIFIED MUNICIPAL CLERK
DISTRICT CLERK

KASHAMBA MILLER-ANDERSON
VICE CHAIRPERSON

TRADRICK MCCOY
BOARD MEMBER

JULIA A. BOTEL, Ed.D
BOARD MEMBER

DOUGLAS A. LAWSON
BOARD MEMBER

MOTIONED BY: _____

SECONDED BY: _____

REVIEWED AS TO LEGAL SUFFICIENCY

T. MCCOY _____

K. MILLER-ANDERSON _____

DAWN S. WYNN
BOARD ATTORNEY

S. LANIER _____

DATE: _____

J. BOTEL _____

D. LAWSON _____



City of Riviera Beach, Florida

(Add address)

Web: www.rivierabeach.org

Office: (add phone number)

Email: (add email address)

January 19, 2022

RE: ECR Board Letter of Appointment for Mr. Michael Lowe to ECR Board

Dear ECR Board Members:

This letter is to serve as written notice that Mr. Michael Lowe has been appointed as the Riviera Beach representative and voting Board member of the East Central Regional Water Reclamation Facility, effective January 19, 2022.

Mr. Lowe is afforded the rights and privileges of a full voting ECR Board member. She represents the interests of the City of Riviera Beach in his capacity as the Executive Director.

Additionally, Mr. John Armstrong is hereby appointed as the alternate ECR Board member representing the City of Riviera Beach, effective January 19, 2022.

If you have any further questions with regard to this matter, please do not hesitate to contact my office at (561) 845-4090.

Sincerely,

Shirley Lanier, Chairperson
City of Riviera Beach Utility Special District

Attachment: City of Riviera Beach Utility Special District Resolution

Cc: Mr. Jonathan Evans, City Manager – City of Riviera Beach
Ms. Deirdre Jacobs, Assistant City Manager
Mr. Michael Lowe, Executive Director – Riviera Beach Utility Special District
Mr. John Armstrong, Senior Utility Engineer – Riviera Beach Utility Special District
Mr. Phillip C. Gildan, Esq. – ECR Board Counsel (Greenberg Traurig, P.A.)
– ECR Board Secretary

"The Best Waterfront City in Which to Live, Work And Play."





City of Riviera Beach, Florida
600 West Blue Heron Boulevard
Web: www.rivierabeach.org
Office: 561-845-3683
Email: SLanier@rivierabeach.org

January 19, 2022

Mr. Rafael Reyes
Florida Department of Health, Palm Beach County
Division of Environmental Public Health
800 Clematis Street – 4th Floor
West Palm Beach, FL 33401

RE: City of Riviera Beach Utility Special District Authorized Signee

Dear Mr. Reyes:

This letter serves as written notice that Mr. Michael Lowe, in the capacity of Executive Director of the City of Riviera Beach Utility Special District (District), is the authorized signee for repetitive documents pertaining to the District and its service area.

In the meanwhile, should you have any further questions concerning this matter, please do not hesitate to contact Deirdre M. Jacobs, Assistant City Manager at (561) 812-6592.

Sincerely,

Shirley D. Lanier, Chairperson
City of Riviera Beach Utility Special District

- C: Mr. Jonathan Evans, City Manager
Ms. Deirdre M. Jacobs, Assistant City Manager
Mr. Michael Lowe, Executive Director
Mr. Henry (Jay) Hardman, P.E. – Palm Beach County Health Department
Ms. Pamela Lape – Palm Beach County Health Department
Ms. Ewa Kudela Leczynski – Palm Beach County Health Department

"The Best Waterfront City in Which to Live, Work And Play."



**INTERLOCAL AGREEMENT
ESTABLISHING DUTIES AND RESPONSIBILITIES
AMONG THE ENTITIES FOR THE OPERATION OF THE
EAST CENTRAL REGIONAL WASTEWATER TREATMENT FACILITIES**

THIS AGREEMENT entered into this 9 day of September 1992, by and among the CITY OF WEST PALM BEACH, a municipality organized under the laws of the State of Florida, hereinafter referred to as "WPB;" PALM BEACH COUNTY, a political subdivision of the State of Florida, hereinafter referred to as "COUNTY;" the CITY OF LAKE WORTH, a municipality organized under the laws of the State of Florida, hereinafter referred to as "LW;" the CITY OF RIVIERA BEACH, a municipality organized under the laws of the State of Florida, hereinafter referred to as "RB;" and the TOWN OF PALM BEACH, a municipality organized under the laws of the State of Florida, hereinafter referred to as "PB," collectively referred to as the "ENTITIES."

WITNESSETH:

WHEREAS, the COUNTY, LW, RB and PB currently have separate individual Interlocal Agreements with WPB, which involve the ownership, operation, maintenance, renewal, replacement and expansion of the existing East Central Regional Wastewater Facilities (the "FACILITIES"), as listed on Exhibit "A" - Interlocal Agreements.

WHEREAS, the ENTITIES believe that it is the most efficient use of their respective powers to cooperate with each other on a basis of mutual advantage to consolidate the separate Agreements into a single unified Interlocal Agreement, to own, operate and manage the FACILITIES, presently operated by WPB for the benefit of the ENTITIES, in a manner that will accord best with the citizens and utility consumers of the ENTITIES and with other geographic, economic and population factors influencing the needs and development of the ENTITIES; and

WHEREAS, the ENTITIES believe for the following reasons, without limitation, that it is essential, necessary and in the ENTITIES' best interest to establish rules and procedures under which WPB operates and manages the FACILITIES for the benefit of the ENTITIES.

(A) The ENTITIES must meet the comprehensive planning requirements of State law which mandate that each coordinate their community plans for future growth with available sources of funding and the availability of infrastructure. The provision of utilities is a major factor in such infrastructure coordination. The entering into of an Interlocal Agreement pursuant to Part I of Chapter 163, Florida Statutes (F.S.) will facilitate the ENTITIES' ability to meet their statutory mandate with respect to the utilities elements of the comprehensive plans.

(B) To provide for a unified system of wastewater service for Central Palm Beach County, to assure the continued provision of a safe and healthy environment for the users of the

FACILITIES.

(C) To ensure that the customers of the FACILITIES are provided efficient and cost-effective service and rates and assure that proper expansion of the FACILITIES will occur to meet the demands of development as approved in each jurisdiction.

(D) To ensure the public health, safety and welfare of the residents by establishing a cooperative arrangement among the ENTITIES to provide essential government services in the Central County area; and

WHEREAS, Chapter 163, F.S., Part I, provides a mechanism to accomplish the above-described purpose of the ENTITIES by permitting the joint exercise of any power, privilege or authority which each entity shares in common and which each might exercise separately.

NOW, THEREFORE, pursuant to Chapter 163, F.S., Part I, the ENTITIES do hereby enter into an Interlocal Agreement for the purposes as set forth herein, as follows:

1. **Purpose.** The purpose of this Interlocal Agreement is to establish uniform rules and procedures for the operation and management of the FACILITIES by WPB for the benefit of the ENTITIES, to provide wastewater treatment and disposal and sludge treatment and disposal services as herein defined in an economical and efficient manner and to provide wastewater treatment and disposal and sludge treatment and disposal services to all others who can be legally serviced.

2. **Legal Authority/Consent to Serve.** The ENTITIES designate and acknowledge that WPB shall be the ENTITY which formally retains legal title of the FACILITIES, which are held for the benefit of the ENTITIES, and WPB accepts full responsibility for the operation and management of the FACILITIES for the benefit of the ENTITIES, pursuant to the terms of this Agreement.

3. Definitions.

(A) "FACILITIES" shall mean and shall include all existing plant structures, equipment, piping, valves, roads, buildings, pumps, injection wells, electrical switchgear, and any improvement or expansion thereto required to receive, convey between process units, treat, stabilize, thicken, dewater, pump, and dispose of wastewater from the ENTITIES, and the real property and easements on which the FACILITIES are located, the real property encompassing the area described on Exhibit "B" - Legal Description, attached hereto, also commonly referred to as East Central Regional Wastewater Treatment Plant (ECRWTP).

(B) "Commission" shall mean the governing body of WPB, which holds the operating permits for the FACILITIES and operates and manages the FACILITIES in accordance with this Interlocal

Agreement for the benefit of the ENTITIES.

(C) "Cost" as applied to the acquisition and construction of expansions, additions or improvements to the FACILITIES shall include the cost of construction or reconstruction, the cost of all labor, materials, machinery and equipment, easements and franchises of any nature whatsoever, finance charges, interest, the creation of initial reserve or debt service funds, bond discount, cost of plans and specifications, surveys and estimates of costs and revenues, cost of engineering, financial, audit and legal services and all other expenses necessary or incidental in determining the feasibility or practicability of such construction, reconstruction, administrative expenses or such other expenses as may be necessary or incidental to financing authorized by law, and including reimbursement of the ENTITIES for any monies advanced in connection with any of the foregoing items of cost.

(D) "Reserve Capacity" shall mean the capacity allocations as defined in Section 19 below, as shown on Exhibit "E" - Reserve Capacity Percentages.

(E) "Excess Flow" shall mean any three month moving average that exceeds Reserve Capacity.

4. Establishment of BOARD Functions; Membership. The ENTITIES hereby create an Operation BOARD (hereinafter referred to as the "BOARD"), under Section 163.01(7), to administer this Agreement. The BOARD shall have the powers enumerated in this Agreement and the additional powers enumerated in Section 163.01(7). The BOARD shall decide all matters related to the FACILITIES, including, but not limited to, approval of all construction contracts, FACILITIES budget and expansion of the FACILITIES and direct WPB as to the operation and management of the FACILITIES. The BOARD so created shall be comprised of five (5) members, one from each ENTITY, who shall be the designated Staff Officials from the respective ENTITIES. Each ENTITY shall appoint an alternate, whom shall represent the ENTITY in the absence of the designated Staff Official, but shall not vote.

(A) Voting of the members of the BOARD shall be by one (1) vote per ENTITY for Administrative and Parliamentary matters including, but not limited to, operating budget approval, establishment of flow charges and dispute resolution amongst the ENTITIES (the "Equal Voting Percentages").

(B) Voting on matters involving the expenditure of capital for existing FACILITY improvements and renewal and replacement items, including, but not limited to, consultant selection and removal, change orders, award of construction contracts, value engineering, approval of engineering documents and settlement of contractor and other third-party disputes, shall be weighted as follows (the "Weighted Voting Percentages"):

The voting percentages shall be calculated

according to each of the ENTITIES' respective reserve capacity. Each ENTITY shall have a minimum of one percent (1%) voting percentage in all BOARD decisions. A super majority vote of greater than fifty percent (>50%) of reserve capacity is required on any decision except as delineated in Paragraph A above. In addition to greater than fifty percent of capacity for a vote to pass, a minimum of three ENTITIES must vote in the majority.

(C) The BOARD members so appointed shall serve at the pleasure of the ENTITY by whom the BOARD member was appointed, and may be removed at any time by such ENTITY, without cause or requirement of hearing. Members shall be deemed to hold office until a successor has been appointed.

(D) WPB shall be charged with providing operational reports as reasonably determined by the BOARD and financial reports to be provided quarterly within 60 days from the end of the quarter in accordance with generally accepted accounting principles at the meetings along with recording the meetings, and providing minutes of the meetings to all members. The BOARD members shall elect a Chair of the BOARD to serve on an annual basis. The elected Chair in conjunction with WPB shall set the agenda for the meetings in accordance with the requests of the BOARD members. The BOARD members shall elect a Vice-Chair to serve as Chair in the Chair's absence.

(E) The BOARD shall meet regularly at least once in every quarter at such time and places as the BOARD may prescribe by rule and all meetings shall be publicly noticed. Special meetings may be held on the call of the Chair or any other two BOARD members, and, whenever practicable, upon no less than twenty-four (24) hours' notice to each member and the public. The BOARD shall determine its own rules and orders of business. A majority (three out of five ENTITIES) of the members of the BOARD shall constitute a quorum; but a smaller number may adjourn from time to time and may compel the attendance of absent members in the manner and subject to the penalties prescribed by the rules of the BOARD. No action of the BOARD, except as otherwise provided in the preceding sentence, shall be valid or binding unless adopted as set forth above.

(F) The BOARD may, from time to time, create subcommittees to address specific issues related to the operation, improvement, permitting and expansion of the FACILITIES. The subcommittees shall serve in an advisory role and shall only provide recommendations to the BOARD for action.

(G) Decisions of the BOARD shall be administered and carried out by WPB. As a mechanism to carry out the actions of the BOARD, the BOARD shall utilize the personnel, purchasing, industrial pretreatment, and Minority Business Enterprise policies and procedures of WPB currently in existence as of

June 17, 1992, Exhibit "F" - WPB Policies and Procedures, and shall consider any future changes to such policies and procedures proposed by WPB, taking into consideration changes to such policies and procedures approved by the Board.

5. Wastewater Flow Charge Budget.

A. The BOARD shall establish, and WPB shall implement, a Regional Wastewater Enterprise Fund. Wastewater flow charges will be implemented to provide sufficient funding to properly and efficiently operate and maintain the FACILITIES, to fulfill all bonding requirements, including coverage tests, and to maintain compliance with all regulatory requirements. The BOARD shall establish an annual budget from which the wastewater flow charges will be determined using the formula for sewer flow charges in Exhibit "C" - Flow Charge Formula. Wastewater charges shall be adjusted for increases or decreases accordingly for ancillary charges such as sludge processing as applicable. The formula for establishing flow charges may be modified as determined by the BOARD. Penalties will be assessed by the BOARD for ENTITY flows exceeding reserve capacity on a three-months moving average basis at the rate of 150% of normal charges.

(B) WPB shall submit to the BOARD a proposed annual budget not later than one hundred fifty (150) days prior to the completion of the fiscal year. The proposed budget shall detail the operational expenditures for the FACILITIES for the previous two (2) years, the current year-to-date expenditure, projected year-end total and a budgetary amount for the upcoming fiscal year. The budget shall include the line items as listed in Exhibit "D" - Budget Line Items. The BOARD shall approve a final budget by July 1st or as amended by the BOARD. WPB shall implement the approved budget.

(C) The annual budget shall include the projected costs of services of outside consultants necessary to assist in the operation, maintenance, operational improvement and regulatory compliance of the FACILITIES. The cost of these services shall be included in the wastewater flow charge formula.

(D) WPB shall report monthly to the BOARD members on the year-to-date expenditures and projected year-end costs by line item. WPB may request the BOARD amend the budget to adjust line item expenditures. In the event that the annual budget will not be sufficient to properly operate and maintain the FACILITIES during any fiscal year, WPB shall so notify the ENTITIES through the BOARD and a revised budget and flow charge shall be established by the BOARD. If the budget insufficiency is directly related to gross negligence on the part of WPB in implementing the annual budget, WPB shall be responsible for shortfall.

(E) Decisions of the BOARD shall bind all ENTITIES, and for such decisions, WPB, COUNTY, LW, RB, PB, shall in no way be liable to any of the other ENTITIES of the BOARD.

6. **Renewal and Replacement Fund.** The BOARD shall ensure that adequate funds are available for renewal and replacement (R&R) of the FACILITIES. R&R funds shall be deposited into a separate Agency Fund for the sole purpose of funding each ENTITY's pro-rata share of extraordinary expenses, renewal and improvements, or replacement of capital assets or any part thereof at the FACILITIES. An annual payment shall be made by each ENTITY into the R & R Agency Fund according to the following formula:

(Replacement plant value) X (ENTITY reserve capacity percentage) X (one percent (1%)). Each ENTITY shall make R&R Agency Fund payments until the amount in the R&R Agency Fund allocated to such ENTITY has reached 10% of such ENTITY's proportionate share of the replacement plant value. No further payments to the R&R Agency Fund will be required by an ENTITY until that ENTITY's share of the Agency Fund falls below 5% of its proportionate share of the replacement plant value. At that time, annual payments shall again be made by the ENTITY until the 10% level has again been reached. The BOARD shall determine the replacement plant value of the FACILITIES at the first meeting of the BOARD every fiscal year, absent which the previous year's value shall carry over until changed by the BOARD. The replacement value as of the effective date of this Agreement shall be as shown on Exhibit "G" - Replacement Plant Value.

Under no circumstances shall any ENTITY's proportionate share of the R&R Agency Fund drop below 1% of its proportionate share of the replacement plant value, except when directed by the Board. From time to time the BOARD may require special non-annual payments be made by each ENTITY to the R&R Agency Fund in anticipation of projects which will require additional funding. Such special non-annual payments shall be calculated in accordance with each ENTITY's Reserve Capacity Percentage of anticipated project costs. All interest earned by the R&R Agency Fund shall accrue to the R&R Agency Fund and be credited proportionately to each ENTITY's account.

All funds currently held by WPB or in escrow on behalf of each ENTITY shall be transferred to the R&R Agency Fund upon execution of this Agreement and shall accrue to such ENTITY'S account, limited to 10% of such ENTITY'S replacement plant value at the request of the ENTITY. This accrual may require an ENTITY to commence making annual payments hereunder while other ENTITIES may already have attained their 10% maximum in the R&R Agency Fund. WPB shall submit to the BOARD a proposed annual budget for R&R not later than one hundred fifty (150) days prior to the completion of the fiscal year. The proposed R&R budget shall detail the improvements expenditures for the FACILITIES for the current year-to-date expenditure, projected year-end total and a budgeting amount for the upcoming fiscal year. WPB shall administer the R&R Agency Fund according to this Section and shall submit a monthly status report of the R&R Agency Fund to the BOARD members. At the end of each fiscal year, WPB shall submit, to the BOARD, a year-end financial analysis of the R&R Agency Fund which shall include all

debits, credits, investment, interest and year-end Fund balances prepared in accordance with generally accepted accounting principles. The analysis shall break this information out by ENTITY. The BOARD shall have the power to modify the R&R Agency Fund formula or percentages as needed.

7. **Expansion Policy.** Each ENTITY shall have the right to expand the FACILITIES to meet capacity or special treatment or disposal requirements of the ENTITY provided the following conditions are adhered to:

(A) The BOARD is given written notice, with a reasonable schedule, to provide the additional capacity or special treatment or disposal requirements, and such requirements can feasibly be accomplished given the state of the FACILITIES at the time of request.

(B) The ENTITY(s) involved in the expansion shall execute a separate Participatory Agreement with each other and the BOARD, which shall set forth the responsibility of the affected ENTITY(s) for all costs, direct and indirect, associated with the request. Prior to entering into construction contracts for such separate expansions the ENTITY or ENTITIES shall show financial capability and technical feasibility for such a project in a manner acceptable to the BOARD.

(C) The BOARD shall be responsible for directing WPB in the procurement of all services required to comply with the request, including but not limited to, consultant's selection and removal, award of construction contracts, change orders, approval of engineering documents and settlement of construction disputes.

8. **System Operation.** Operation and maintenance of the FACILITIES shall be the responsibility and obligation of WPB provided that an adequate budget is adopted by the BOARD. WPB shall provide sufficient personnel, with appropriate experience to undertake all FACILITIES operations and maintenance, comply with all regulatory requirements, including, but not limited to, those imposed by the Florida Department of Environmental Regulation, the Palm Beach County Health Department and U.S. Environmental Protection Agency. Each ENTITY shall comply with the rules and regulations governing a sewage flow into the FACILITIES as set forth in the Pretreatment Ordinance as adopted by the BOARD, and as such rules and regulations may be changed from time to time by the BOARD. If new regulatory requirements necessitate capital improvements or budget amendments, the BOARD shall take all necessary actions to accomplish the same, and WPB shall implement the decisions of the BOARD. The failure or inaction of the BOARD to carry out or authorize the recommendations as presented by WPB for compliance of any consent order, regulatory agency or operating permit by WPB shall preclude such liability as may be placed on WPB and shall entitle WPB to indemnification for all costs and penalties by the other ENTITIES. WPB shall be liable for all regulatory violations, including compliance costs or penalties assessed for same, which

arise out of or are solely related to: (1) material errors or omissions by its personnel and agents in the day-to-day operations of the FACILITIES; or (2) the failure of WPB to timely proceed administratively to undertake or complete a requirement imposed by any regulatory agency in any consent order or operating permit. Other regulatory violations, caused by action of the BOARD including the costs of bringing the FACILITIES into compliance and penalties assessed, shall be included as an expense of the FACILITIES and shared by the ENTITIES. WPB shall maintain adequate catastrophic insurance on the FACILITIES on such terms and amounts as set by the BOARD.

9. **Metering.** The metering for flow charges shall be accomplished by WPB as directed by the BOARD. This shall include a metering system owned by an ENTITY as approved by the BOARD. Such metering shall be acceptable to regulatory agencies in addition to the BOARD. The meters shall be calibrated quarterly by an independent contractor as selected by the BOARD. In the event of meter malfunction, flow shall be calculated using the previous year's 3-month average consisting of the month in question plus the preceding and subsequent months.

10. **Reports of the System.** WPB shall cause to be made, at least once each year, financial statements prepared in accordance with generally accepted accounting principles and shall have performed an independent audit in accordance with generally accepted auditing standards. Copies of such reports shall be filed promptly with the ENTITIES within 210 days and shall be open to public inspection. WPB shall also provide monthly operating and financial reports (including regulatory submissions) and quarterly financial statements in accordance with generally accepted accounting principles to the BOARD members. WPB shall comply with the requirements of Chapter 189, F.S., as it applies to the BOARD.

11. **Payments to BOARD.** On behalf of the BOARD, WPB shall invoice each ENTITY monthly thirty (30) days prior to the beginning of the month for its wastewater flow charges. The ENTITIES shall make required payments to WPB within thirty (30) days of the date of invoice. Payments not received within thirty (30) days shall accrue interest at the legal rate of twelve percent (12%) per annum, as amended by law from time to time. WPB shall hold all unspent funds in an interest-bearing account until expended.

12. **Compensation.** The members of the BOARD shall serve without compensation under this Agreement.

13. **Expenses.** The BOARD is established on the basis that the schedule of wastewater flow charges and other charges cause the FACILITIES to be self-sustaining. The BOARD shall not be authorized to create or distribute a profit or surplus to any ENTITY, including WPB. This shall not, however, prevent the BOARD from establishing reserves or adding to existing R & R Reserves, for capital projects and/or unanticipated expenses in keeping with sound, prudent, and reasonable operation of the system in accordance with industry standards or from fulfilling any other requirements imposed by bond financing, law, or previous agreements

not superseded.

14. **Term and Termination.** The term of this Agreement is for an initial period of thirty years with a renewable term of thirty years upon the mutual consent of the parties. This Interlocal Agreement shall terminate only upon the consent of one hundred percent (100%) of the ENTITIES. Any ENTITY can withdraw from participation in this Agreement but will lose its interest and allocation in the FACILITIES and shall continue to meet its obligations. Any ENTITY may assign its interest to one or more of the other ENTITIES or any other BOARD approved designee.

15. **Disposition of the System.** Should the FACILITIES be sold or disposed of by the BOARD (by one hundred percent (100%) vote), proceeds of the sale or disposition shall be prorated among the ENTITIES in proportion to the allocated reserve capacity of each jurisdiction as of the date of disposition.

16. **Miscellaneous.** This Agreement may not be amended, except upon the written agreement of the ENTITIES holding a cumulative capacity allocation of one hundred percent (100%). In the event of any dispute arising out of or in relation to this Agreement, the prevailing party shall be entitled to attorney's fees and costs, including attorney's fees through all appellate procedures.

17. **Dispute Resolution.** In the event of a dispute involving payment of an amount due from any ENTITY hereunder, the full amount shall be paid to WPB, with the amount in dispute to be held by WPB in escrow pending resolution of the dispute. Such escrow funds shall be invested with interest, with the interest accruing to the prevailing party (BOARD or disputing ENTITY).

In the event a dispute arises between or among any of the ENTITIES as to any matter arising out of this Agreement, exclusive of matters that relate to WPB's responsibility to comply with Federal, State, and local regulatory requirements, such dispute shall be resolved as follows:

(A) The disputed issue will be presented to the BOARD. If the parties in dispute do not agree with the majority (three out of five ENTITIES) decision of the BOARD, then the disputing parties may, if in full agreement, refer the item to non-binding arbitration before one (1) arbitrator, pursuant to the rules of the American Arbitration Association. The arbitrator shall be selected by joint agreement of all parties to the proceeding from a list of arbitrators prepared by the American Arbitration Association experienced in engineering and operation of municipal wastewater treatment facilities. If the parties do not agree within twenty (20) days of the date of request for arbitration, the selection shall be made pursuant to the rules of such Association.

The award rendered by the arbitrator shall be non-binding upon the parties to the proceeding. Each party shall pay its own expenses of arbitration and the expenses of the arbitrator shall be equally shared. Nothing herein shall prevent the parties from settling any dispute between or among them by mutual agreement at any time.

(B) Before filing any legal action in court pertaining to any dispute or other matter in question arising out of or relating to the Agreement or the breach thereof, the claimant/objector shall first define the dispute to the other party to this Agreement in writing and make a specific demand or offer a specific counterproposal thereto within thirty (30) days of the receipt of such claim demand and settlement proposal, or if the claimant/objector fails to accept any counterproposal from the other party within thirty (30) days of receipt thereof, the other party shall be free to pursue all legal remedies available in a court of competent jurisdiction in accordance with Paragraph C hereof.

(C) Any dispute arising out of the terms of this Agreement shall be litigated in the Fifteenth Judicial Circuit Court in and for Palm Beach County, Florida.

18. **Filing.** Upon execution of this Agreement and subsequent amendments thereto, this Agreement, and such subsequent amendments shall be filed with the Clerk of the Circuit Court of Palm Beach County. This Agreement shall be effective upon filing with the Clerk.

19. **Reserve Capacity Percentages.** The ENTITIES agree and acknowledge that the existing capacity allocated to each of the ENTITIES is as set forth in Exhibit "E" - Reserve Capacity Percentages attached hereto and made a part hereof. This capacity shall be adjusted from time to time by the BOARD to reflect changes due to expansion under Paragraph 7 above or agreement of the ENTITIES to reallocate capacity.

20. **Prior Agreement.** The ENTITIES agree that this Interlocal Agreement constitutes the entire agreement of the parties hereto on the matters set forth herein and supersedes only those prior Interlocal Agreements as shown in Exhibit "A" attached hereto, between the parties relating to the FACILITIES.

IN WITNESS WHEREOF, the parties have hereunto set their hands and seals the day and year first above written.

WITNESSES:

Peter B. Shell

Cindy Cousins
(OFFICIAL SEAL)

TOWN OF PALM BEACH, FLORIDA

John A. Cruz
Mayor

ATTEST:

By: Jacquelyn Reedy
Acting Clerk

WITNESSES:

Judith E. Crosbie
J. M. Blair
(OFFICIAL SEAL)

PALM BEACH COUNTY, FLORIDA

J. M. Blair
Chairman

ATTEST: MILTON T. BAUER, CLERK

By: Linda C. Hepler
Deputy Clerk

WITNESSES:

Donald E. Lewis
(OFFICIAL SEAL)

CITY OF RIVIERA BEACH, FLORIDA

ATTEST:
By: Anna K. Williams
Mayor

WITNESSES:

Dorinda P. Bryant
(OFFICIAL SEAL)

CITY OF LAKE WORTH, FLORIDA

ATTEST:
By: Arnold E. Collins
Mayor

WITNESSES:

Ames E. Hayhurst
(OFFICIAL SEAL)

CITY OF WEST PALM BEACH, FLORIDA

ATTEST:
By: Tracy M. Graham
Mayor

APPROVED AS TO FORM AND

LEGAL SUFFICIENCY

Bill J. Caputo
COUNTY ATTORNEY

**LIST OF EXHIBITS
ATTACHED TO INTERLOCAL AGREEMENT**

- EXHIBIT A - INTERLOCAL AGREEMENTS**
- EXHIBIT B - LEGAL DESCRIPTION**
- EXHIBIT C - FLOW CHARGE FORMULA**
- EXHIBIT D - BUDGET LINE ITEMS**
- EXHIBIT E - RESERVE CAPACITY PERCENTAGES**
- EXHIBIT F - POLICIES AND PROCEDURES**
- EXHIBIT G - REPLACEMENT PLANT VALUE**

EXHIBIT A

INTERLOCAL AGREEMENTS

<u>TITLE OF AGREEMENT</u>	<u>DATE</u>
Resolution 141-72 Resolution Approving Agreement Between The Town of Palm Beach and the City of West Palm Beach.	12/6/72
Resolution R76-712 Resolution Approving Agreement Between Palm Beach County, Florida, and The City of West Palm Beach for the Construction of an 8 MGD Module at the Regional Sewage Treatment Plant.	8/10/76
Resolution 122-76 Resolution Approving Agreement Between The City of Riviera Beach and the City of West Palm Beach.	8/18/76
Resolution R94-76 and U31-76 Resolution Approving Agreement Between Lake Worth Utilities Authority and the City of West Palm Beach.	9/8/76

EXHIBIT B

LEGAL DESCRIPTION OF
LAND RESERVED FOR
REGIONAL SEWAGE TREATMENT PLANT
CITY OF WEST PALM BEACH

July 19, 1974

A parcel of land containing 300 acres, more or less, in Section 11, Township 43 South, Range 42 East, Palm Beach County, Florida, more particularly described as follows:

From a point of beginning being the Southwest corner of Section 11, Township 43 South, Range 42 East, Palm Beach County, Florida, run North along the West line of said Section 11, a distance of 3,012.57 feet more or less, to the Southerly line of the Florida Gas Company easement; thence Northeasterly along said easement, making an angle of 49°-58'-10" with the preceding course as measured from North to Southeast, a distance of 1,115.7 feet more or less to a point; thence Easterly, making an angle of 39°-45'-22" with the preceding course as measured from North to East, a distance of 2,756 feet more or less to a point; thence Southerly, making an angle of 90°-02'-14" with the preceding course as measured from East to South a distance of 3,725 feet more or less to a point on the South Section line of Section 11; thence West along said section line a distance of 3,615 feet more or less to the point of beginning.

EXHIBIT C

**EAST CENTRAL REGIONAL
WASTEWATER TREATMENT PLANT**

FLOW CHARGE FORMULA

Wastewater Flow Charge = Direct Expenses + Indirect Expenses

Direct Expenses = ECRWWTP Expenses + 20% Utility Engineering Expenses
(Acct #340) (Acct #160)
(Acct #350)
(Acct #410)

Indirect Expenses = $\left(\frac{\text{Direct WWTP Expenses}}{\text{Direct Sewer Expenses}} \right) \left(\frac{\text{Total Wastewater Expenses}}{\text{Direct Water \& Sewer Expenses}} \right) \left(\text{Utility Administrative Expenses} \right)$

Methodology For Indirect Expenses Calculation

Step 1 Acct #340
+ 20% Acct #160 = A (%)
Acct #310 + Acct #320
+ Acct #330 + Acct #340

Step 2 A % x Admin. Cost Acct #100 = B

Step 3 B + Acct #340
+ 20% Acct #160 + Acct #310
+ Acct #320 + Acct #330 = C (%)
Acct #210 + Acct #230
+ Acct #240 + Acct #310
+ Acct #320 + Acct #330 + Acct #340

Step 4 A (%) x C (%) x Admin. Cost
Acct #100 = Indirect Expenses

Typical Flow Charge Breakdown

1. Direct Expenses

- o Direct WWTP = 31.34 cents/1,000 gal (79%) (Acct #340)
- o Engineering Allocation = 0.48 cents/1,000 gal (1.2%) (20% of Acct #160)

Total Direct = 31.82 cents/1,000 gal (80%)

2. Indirect Expenses

- o Administrative Allocation = 7.85 cents/1,000 gal (20%)

Total Charge = 39.67 cents/1,000 gal

FUND:450: WATER & SEWAGE SYSTEMS REVENUE FUND
DEPT:097: UTILITIES
DIV: 340: WASTEWATER TREATMENT PLANT

PERSONAL SERVICES

536120 REGULAR SALARIES & WAGES
536140 OVERTIME
536150 SPECIAL PAY
536212 FICA TAXES
536229 RETIREMENT CONTRIBUTIONS
536231 HEALTH INSURANCE
536232 LIFE INSURANCE
536240 WORKER'S COMPENSATION

MATERIALS & SERVICES

536310 PROFESSIONAL SERVICES
536313 ENGINEERING SERVICES
536340 OTHER CONTRACTUAL SERVICES
536345 MIS MAINTENANCE SERVICES
536400 TRAVEL AND PER DIEM
536403 TRAINING
536411 COMMUNICATIONS SYSTEMS SERVICES
536420 TRANSPORTATION
536431 ELECTRIC SERVICE
536433 WATER SERVICE
536434 SEWER SERVICE
536435 WASTE DISPOSAL SERVICE
536440 RENTALS AND LEASES
536450 INSURANCE
536451 INSURANCE- GENERAL LIABILITY
536455 INSURANCE- AUTO LIABILITY
536460 REPAIR & MAINTENANCE SERVICES
536468 EQUIPMENT MAINTENANCE
536470 PRINTING AND BINDING
536482 LEGAL ADS
536490 OPERATIONAL EXPENSES
536510 OFFICE SUPPLIES
536520 OPERATING SUPPLIES
536521 GASOLINE
536522 DIESEL FUEL
536523 LUBRICANTS
536524 CHEMICALS
536525 UNIFORMS
536530 ROAD MATERIALS & SUPPLIES
536540 BOOKS, SUBSCRIPTIONS & MEMBERHSIPS
536560 MINOR EQUIPMENT

CAPITAL OUTLAY

536640 MACHINERY & EQUIPMENT
536641 AUTOMOTIVE EQUIPMENT

REVENUE

SEWER SERVICE CHARGE-WPB
343514 SEWER SERVICE CHARGE-LW
343515 SEWER SERVICE CHARGE-RB
343516 SEWER SERVICE CHARGE-PBC
343517 SEWER SERVICE CHARGE-TPB

FUND:450: WATER & SEWAGE SYSTEMS REVENUE FUND
DEPT:097: UTILITIES
DIV: 350: INDUSTRIAL PRE-TREATMENT

PERSONAL SERVICES

536120 REGULAR SALARIES & WAGES
536140 OVERTIME
536150 SPECIAL PAY
536212 FICA TAXES
536229 RETIREMENT CONTRIBUTIONS
536231 HEALTH INSURANCE
536232 LIFE INSURANCE
536240 WORKER'S COMPENSATION

MATERIALS & SERVICES

536310 PROFESSIONAL SERVICES
536313 ENGINEERING SERVICES
536340 OTHER CONTRACTUAL SERVICES
536400 TRAVEL AND PER DIEM
536411 COMMUNICATIONS SYSTEMS SERVICES
536420 TRANSPORTATION
536451 INSURANCE- GENERAL LIABILITY
536460 REPAIR & MAINTENANCE SERVICES
536468 EQUIPMENT MAINTENANCE
536470 PRINTING AND BINDING
536482 LEGAL ADS
536490 OPERATIONAL EXPENSES
536510 OFFICE SUPPLIES
536520 OPERATING SUPPLIES
536525 UNIFORMS
536540 BOOKS, SUBSCRIPTIONS & MEMBERSHIPS
536560 MINOR EQUIPMENT

CAPITAL OUTLAY

536640 MACHINERY & EQUIPMENT
536641 AUTOMOTIVE EQUIPMENT

REVENUE

329210 SEWER DISCHARGE PERMIT

FUND:450: WATER & SEWAGE SYSTEMS REVENUE FUND
DEPT:097: UTILITIES
DIV: 340: E.C.R. MAINTENANCE

PERSONAL SERVICES

536120 REGULAR SALARIES & WAGES
536140 OVERTIME
536150 SPECIAL PAY
536212 FICA TAXES
536229 RETIREMENT CONTRIBUTIONS
536231 HEALTH INSURANCE
536232 LIFE INSURANCE
536240 WORKER'S COMPENSATION

MATERIALS & SERVICES

536340 OTHER CONTRACTUAL SERVICES
536435 WASTE DISPOSAL SERVICE
536440 RENTALS AND LEASES
536460 REPAIR & MAINTENANCE SERVICES
536520 OPERATING SUPPLIES
536522 DIESEL FUEL
536523 LUBRICANTS
536525 UNIFORMS
536560 MINOR EQUIPMENT

CAPITAL OUTLAY

536640 MACHINERY & EQUIPMENT
536641 AUTOMOTIVE EQUIPMENT

EFFECTIVE DATE: DECEMBER, 1986

Chapter 2, Budget Policy 2-2

The thirteenth, fourteenth and fifteenth digits of the suggested expenditure account designate the sub-object classification. The six sub-objects and their control are :

100 - 260 Personal Services
300 - 560 Operating Expenses
600 - 660 Capital Outlay
700 - 730 Debt Service
800 - 888 Grants and Aids
900 - 999 Non-Operating

All departments are required to use these six sub-object classifications, however, they may be expanded at the discretion of the Finance Department.

100 PERSONAL SERVICES

Expenses for salaries, wages, and related benefits provided for all persons employed by the local unit of government whether full-time, part-time, temporary, or seasonal. Employee benefits include employer contributions to a retirement system, social security, insurance, sick leave, terminal pay and similar direct benefits as well as other costs such as Worker's Compensation and Unemployment Compensation Insurance.

110 Executive Salaries

Includes elected officials and top level management positions. (For constitutional offices include the officers salary only.) Also includes special qualification salary for elected officials (Chapter 145, Florida Statutes), if earned.

120 Regular Salaries and Wages

Includes employees who are or will be members of a retirement system as a condition of their employment. Includes all full-time and part-time employees who make up the regular work force. Employees who are serving a probationary employment period shall be included in this category if they satisfy the other requirements.

This includes all salaries and salary supplements for official court reporters and electronic recorder operator transcribers.

130 Other Salaries and Wages

Employees who are not and will not be members of a retirement system as a condition of their employment. Includes all full-time and part-time employees who are not part of the regular work force and who are filling positions having a temporary duration, usually less than 4 consecutive months in a 12-month period.

Reference: Sections 22B-1.04(5)(b) and 22B-1.04(6), FAC.

140 Overtime

Payments in addition to regular salaries and wages for services performed in excess of the regular work hour requirement. This includes all overtime for official court reporters and electronic recorder operator transcribers. Also include the straight time paid to employees required to work on a legal holiday.

150 Special Pay

Includes compensation paid to employees for which no contributions shall be required and no benefits shall be paid under the provisions of the Florida Retirement System or any local government retirement system. This includes incentive pay for law enforcement officers and firefighters.

Reference: Section 943.22(2)(e), FS. - Law Enforcement and Correctional Officers and Section 663.382(5)(c), FS.-Firefighters.

155 Off Duty Pay

Compensation paid to police personnel for providing security service to outside agencies.

212 FICA Taxes

Social Security matching contribution.

220 Retirement Contributions-General

Amounts contributed to a retirement fund for General employees.

225 Retirement Contributions-Police

Amounts contributed to a retirement fund for sworn Police personnel.

227 Retirement Contributions-Fire

Amounts contributed to a retirement fund for uniformed Firefighters.

CITY OF WEST PALM BEACH
DEPARTMENT OF FINANCE
UNIFORM CHART OF ACCOUNTS

OBJECT OF
EXPENDITURES

313 Legal Services-Pensions

Fees for attorney services regarding pensions.

314 Medical Services

Fees for services from doctors, clinics, dental services, veterinary services, hospitals, etc.

316 Engineering Services

Fees paid for engineering services.

320 Accounting and Auditing

Generally includes all services received from independent certified public accountants.

340 Other Contractual Services

Custodial, janitorial and other services procured independently by contract or agreement with persons, firms, corporations or other governmental units. Do not include contracts or services which are defined under sub-objects 310, 311, 312, 313, 314, 316, 320, 460 and 470.

345 MIS Maintenance Services

Services provided by the internal service fund for data processing, maintaining existing programs and the mainframe, and debugging existing programs.

346 MIS New Programs

Costs of services provided by the internal service fund for implementing new software, new programs, new reports, etc.

347 Outside Data Processing Services

This includes services related to data processing that are not provided by the MIS department.

400 Travel

This includes the costs of public transportation, motor pool charges, reimbursements for use of private vehicles, per diem, meals and incidental travel expenses.

401 Motor Pool Services

Charges for use and replacement of motor pool equipment. Charges are from the Fleet Management internal service fund.

403 Training

This includes course registration fees, tuition and other training costs.

404 Employee Development

Funds used by the Employee Relations Department for college courses, training courses, etc., for employees throughout the City.

411 Communications Systems Service

Charges for dispatching services and communications equipment maintenance (i.e. radios & telephones) from the Telecommunications Internal Service Fund.

412 Telephone Service

Amounts paid for telephone bills. This includes cellular telephone service.

420 Transportation

Freight and express charges, drayage, postage and messenger services.

431 Electric Service

Amounts paid for electric service.

432 Gas Service

Amounts paid for propane and natural gas utility service.

433 Water Service

Amounts paid for water bills.

434 Sewer Service

Amounts paid for sewer bills.

435 Waste Disposal Services

Amounts paid for solid waste collection bills.

440 Rentals and Leases

Amounts paid for leasing or renting land, buildings or equipment. This would also include leasing vehicles.

450 Insurance

Includes all insurance carried for protecting the local government such as fire, theft, casualty, general and professional liability, auto coverage, surety bonds, etc.

451 Insurance - General Liability

Amounts provided to Risk Management through the Budget Office for charges including damages to property, buildings and contents, city equipment, etc.

452 Auto Liability Claims

Auto liability claims paid by the Risk Management internal service fund.

453 General Liability Claims

General liability claims paid by the Risk Management internal service fund.

454 Workers' Compensation Claims

Claims paid for workers' compensation.

455 Insurance - Auto Liability

Amounts provided to Risk Management through the Budget Office for charges including damages to automobiles, trucks, etc.

460 Repair and Maintenance Services

The costs incurred for the repair and maintenance of building and equipment, including all maintenance and service contracts. Do not include custodial or janitorial services which are recorded under sub-object 340.

461 Fire Equipment Maintenance

Repair parts and maintenance costs from outside vendors for Fire Department vehicles and equipment.

462 Automotive Repair and Maintenance

Used only by the Fleet Management internal service fund. Includes cost of parts, outside repairs and maintenance equipment.

463 Sweeper Maintenance

Costs related to the repair and preventative maintenance of City sweeper vehicles, e.g., brooms, rubber squeegees, lubricants, etc.

464 Auto Physical Damage

Repair or replacement of autos due to accidents.

465 Property Damage and Theft

Repair or replacement of property damaged, excluding autos.

468 Equipment Maintenance

Charges for services from the internal service fund for equipment maintenance, i.e., services on vehicles, trucks, lawn mowers, gasoline or diesel powered equipment.

470 Printing and Binding

Costs of printing, binding and other reproduction services which are contracted for or purchased from outside vendors. Also include charges for printing, etc., performed by an in-house print shop. Charges related to the use of the Fax machine.

475 Outside Printing Services

Costs for printing services not provided by the City's Printing Internal Service Fund.

480 Promotional Activities

Includes any type of promotional advertising on behalf of the City, but does not include legal ads.

481 Advertising

Includes any type of promotional advertising on behalf of the local unit, but does not include legal ads.

482 Legal Ads

Amounts paid for legal ads.

490 Operational Expenses

Includes other services not otherwise classified, ordinary witness fees, expert witness fees, information and evidence, etc.

491 Bad Debt Expense

Expenses incurred by the inability to collect receivables.

493 Licenses and Permits

Fees paid for licenses and permits needed during special events coordinated by the City.

CITY OF WEST PALM BEACH
DEPARTMENT OF FINANCE
UNIFORM CHART OF ACCOUNTS

OBJECT OF
EXPENDITURES

495 Defense Fees and Costs

Used only by the Risk Management Fund for witness fees, subpoena fees, court reporter fees, etc.

510 Office Supplies

This object includes materials and supplies such as stationary, preprinted forms, paper, computer software, charts and maps.

520 Operating Supplies

All types of supplies consumed in conducting operations. This category may include food, laboratory supplies, household items, institutional supplies, film, batteries, copy machine supplies, fertilizer and ammunition. Do not include items classified in 521, 522, 523, 524 or 525. Also includes recording tapes and transcript production supplies. Do not include materials and supplies unique to construction or repair of roads or bridges.

521 Gasoline

Includes charges from fuel operations for fuel provided.

522 Diesel Fuel

523 Lubricants

Includes charges from Fleet Management for oil and other lubricants.

524 Chemicals

Chemicals such as chlorine, ammonia, etc., and chemicals used to recharge fire extinguishers (excluding the annual maintenance).

525 Uniforms

Uniform purchase, boots, fire helmets and bunker coats, police holsters, badges and other clothing including rain gear and safety clothing.

530 Road Materials and Supplies

Those materials and supplies used exclusively in the repair and installation of street signs and street striping.

531 Concrete Materials

Materials such as concrete, rebar, wire mesh, wood, etc., used for the repair of sidewalk curbs and foundations.

532 Asphalt Materials

Materials such as asphalt, tack, etc., used for the repair of potholes and the paving of roads.

533 Sewer Materials

Materials used for the repair and maintenance of stormwater inlets, piping, and culverts.

535 Street Lighting Materials and Supplies

Materials used exclusively for the repair and replacement of street lighting fixtures, poles, fuses, wire, etc.

540 Books, Publications, Subscriptions, and Memberships

Includes books, or sets of books if purchased by set, of unit value less than \$500 and not purchases for use by libraries, educational institutions, and other institutions where books and publications constitute capital outlay. This object also includes subscriptions, memberships and professional licenses, paramedic certification fees, and related educational and/or professional data costs.

560 Minor Equipment

Includes light equipment of unit value less than \$500 such as office equipment and other light machinery and equipment, e.g., calculators, chairs, typewriters, etc.

600 CAPITAL OUTLAY

Outlay for the acquisition of or addition to fixed assets.

610 Land

Land acquisition costs, easements, right of way.

620 Buildings

Office buildings, firehouses, garages, jails, zoos, parks and recreational buildings.

621 Building Improvements

Remodeling and improvements made to existing buildings.

622 Conference/Civic Center

Costs to construct a conference/civic center including related consultants studies.

630 Improvements Other Than Buildings

Includes structures and facilities other than buildings such as roads, bridges, curbs, gutters, docks, wharves, fences, landscaping, lighting systems, parking areas, storm drains, athletic fields, etc. Does not include items classified under 631, 632, 633, 634, 635 and 636.

631 Sewers, Pipes, Manholes & Service Connections

Utilities department new sewer connections and manholes.

632 Meters

Meters purchased for utility customer accounts.

633 Fire Hydrants

Utilities department new fire hydrants.

634 Water Main, Valves & Copper Service Lines

Utilities department new mains, etc.

635 Private Fire Protection

Utilities department new private fire lines.

636 Landscaping, Fencing and Parking Areas

Costs for new landscaping, fencing and parking areas.

637 Road Improvements

640 Machinery and Equipment

Includes motor vehicles, heavy equipment - transportation, other heavy equipment, office furniture and equipment, and other machinery and equipment. Also includes court recording, duplicating, and transcribing equipment.

641 Automotive Equipment

Includes motor vehicles and items affixed to the vehicles such as lights, sirens, cages, etc.

650 Construction in Progress

This object is used to account for undistributed work in progress on construction projects. Sufficient documentation of work orders and other related records should be kept in order to establish the validity of this account when posted to the general fixed assets group accounts.

660 Books, Publications, and Library Materials

This object includes all books and publications regardless of value when purchased for use by libraries, educational institutions, and other institutions or facilities where such items constitute a major capital outlay category. This object is also used for these items when they exceed a \$500 unit value regardless of the institution or facility purchasing them.

700 DEBT SERVICE

Outlays for debt service purposes.

710 Principal

Regularly scheduled principal payments of debt service.

720 Interest

Interest payments of debt service.

721 Bonds, Retired Early

Payments to retire bonds before their normal due date.

722 Premium on Bonds Retired Early

Premiums paid to retire bonds before their normal due date.

730 Other Debt Service Costs

Payments for trustee fees, agent fees, etc.

800 GRANTS AND AIDS

Includes all grants, subsidies and contributions to other government agencies and private organizations.

810 Aid to Government Agencies

Includes all grants, subsidies and contributions to other governmental units. Excludes transfers to agencies within the same governmental entity.

820 Aid to Private Organizations

Include all grants, subsidies and contributions to private organizations.

835 Undesignated Donations

Funds that have been set aside for donations but have not yet been assigned to a specific organization.

900 NON-OPERATING

910 Transfers

Includes all transfers between funds which do not represent operating expenditures.

920 Advances

Includes advances to establish working capital and petty cash funds which are expected to be returned when the fund is liquidated.

930 Budget Transfers

Transfers between the Board of County Commissioners, the Constitutional Officers and other taxing authorities.

950 Contingency

Expenditures cannot be made directly from this account. Amounts can be transferred from this account to any other expenditure account in the same fund via an "F" Resolution.

990 Less Amounts Capitalized

Fixed assets purchased through budgetary expenditure accounts get offset by this account in the ISFs and Enterprise Funds.

991 Transfer to Equipment Replacement Reserve

992 Amortization Expense

998 Depreciation Expense

999 Transfer to Fund Balance/Retained Earnings

229 Retirement Contributions-Utilities

Amounts contributed to a retirement fund for employees of the Utilities Department.

231 Health Insurance

Health insurance premiums and benefits paid for employees.

232 Life Insurance

Life insurance premiums and benefits paid for employees.

240 Workers' Compensation

Premiums and benefits paid for workers' compensation insurance.

250 Unemployment Compensation

Amounts contributed to the unemployment compensation fund.

00 OPERATING EXPENSES

Includes expenditures for goods and services which primarily benefit the current period and are not defined as personal services or capital outlay.

301 Administrative Expense

Indirect costs, parking administrative fees, P.I.L.O.T., cost allocation, city services charged to utilities, etc.

310 Professional Services

Legal, medical, dental, engineering, architectural, appraisal and other services procured by the local unit as independent professional assistance. Includes such financial services as bond rating, where the service received is not directly involved with accounting and/or auditing. Also, include fees paid for competency and/or psychiatric evaluations and court appointed attorneys.

311 Legal Services

Fees for attorney services.

312 Legal Services-Investment Claims

Fees for attorney services regarding investment claims.

EXHIBIT E

RESERVE CAPACITY PERCENTAGES

East Central Regional

Wastewater Treatment Plant

55 MGD (Current Rated Capacity)

ENTITY	FLOW ALLOCATION (MGD)	PERCENTAGE
Lake Worth	12.5	22.727%
Riviera Beach	8.0	14.546%
West Palm Beach	17.0	30.909%
Town of Palm Beach	5.0	9.091%
Palm Beach County	12.5	22.727%
Total:	55.0	100%

EXHIBIT "F"

**CITY OF WEST PALM BEACH POLICIES AND PROCEDURES
INCORPORATED HEREIN BY REFERENCE**

PERSONNEL

Chapter 2 of the City Code relating to personnel

CIVIL SERVICES RULES AND REGULATIONS

JOB CLASSIFICATION AND PAY PLAN

DISCIPLINE ADMINISTRATION MANUAL

PROCUREMENT

CITY OF WEST PALM BEACH PROCUREMENT CODE

MINORITY/WOMEN BUSINESS ENTERPRISE PROGRAM
ORDINANCE AND POLICIES

INDUSTRIAL PRETREATMENT

Article VII of Chapter 31, City Code of Ordinances

EXHIBIT G

**EAST CENTRAL REGIONAL WASTEWATER TREATMENT PLANT
ESTIMATED REPLACEMENT VALUE**

UNIT PROCESS	Estimated Replacement Value (\$1,000)		
	Existing Facilities	Facility Improvements	Improved Facilities
Influent Metering	300	-0-	300
Influent Screening & Headworks	2,600	400	3,000
Grit Removal	-0-	2,200	2,200
Conventional Activated Sludge, Diffused Aeration	17,600	4,400	22,000
Secondary Clarification	18,200	-0-	18,200
Return Sludge Pumping	3,600	-0-	3,600
Waste Sludge Pumping	200	100	300
Chlorine Disinfection	1,700	-0-	1,700
Effluent Pumping	5,000	2,900	7,900
Deep Well Disposal	24,000	4,000	28,000
Flow Equalization	4,000	200	4,200
Aerobic Digestion	7,800	-0-	7,800
Decant Tanks	1,500	-0-	1,500
Sludge Thickening	-0-	2,700	2,700
Sludge Dewatering	3,500	2,200	5,700
Supernatant Pumping	300	-0-	300
Reclaimed Water Production	-0-	7,800	7,800
AWT/Wetlands	-0-	900	900
Septage Receiving	-0-	1,700	1,700
Administration Building	300	-0-	300
Miscellaneous (Electric, Piping, Roads, Structures, etc.)	10,000	4,100	14,100
TOTAL	100,600	33,600	134,200



"The Best Waterfront City in Which to Live, Work And Play."

City of Riviera Beach

To: Hon. Mayor, Chairperson, and City Council/ Utility Special district Board of Directors

From: Deirdre M. Jacobs, Interim Director of Utilities, MPA

Through: Jonathan Evans, City Manager, MPA, MBA, ICMA-CM

Subject: **RESOLUTION NUMBER 3-22UD A RESOLUTION OF THE BOARD OF DIRECTORS OF THE CITY OF RIVIERA BEACH UTILITY SPECIAL DISTRICT, PALM BEACH COUNTY, FLORIDA, APPROVING THE WATER AND SANITARY SEWER ASPECTS OF A SITE PLAN APPLICATION FROM PRIME DEVELOPMENT, LLC TO CONSTRUCT A WAWA CONVENIENCE STORE AND GAS STATION IN PHASE I AND CONSTRUCT CENTRAL UTILITIES TO POTENTIALLY SERVE TWO RESTAURANTS AND GENERAL RETAIL COMMERCIAL DEVELOPMENTS LOCATED ON TWO PARCELS TALLING 9.841 ACRES OF LAND; PROVIDING FOR CONDITIONS OF APPROVAL; AUTHORIZING THE CHAIRPERSON AND DISTRICT CLERK TO EXECUTE A SUBORDINATION OF UTILITY INTERESTS FOR AN EXISTING UTILITY EASEMENT LOCATED WITHIN THE 45TH STREET RIGHT-OF-WAY; AND PROVIDING AN EFFECTIVE DATE.**

**DEIRDRE M. JACOBS, ACTING EXECUTIVE DIRECTOR OF
THE UTILITY SPECIAL DISTRICT, 561-845-4185**

Date: January 19, 2022

CC: General Public

Background:

The Prime Corner Commercial Planned Development Project (Prime Corner CPD) is on two parcels totalling 9.841 acres and is located at the northwest corner of the intersection of Military Trail and 45th Street, within the City of West Palm Beach. The Prime Corner CPD is located within the City of Riviera Beach Utility Special District's (USD's) Water and Wastewater Service Area. The City of Riviera Beach USD has accepted the responsibility to provide water and wastewater service within its service area as a subregional agency as designated by the Palm Beach County Area Planning Board, in accordance with Section 20-257 of the City of Riviera Beach Code of Ordinances.

The City of West Palm Beach adopted Ordinance No. 4931-21, approving the rezoning of the above property from General Commercial (GC) to a Commercial Planned Development (CPD), establishing the Prime Corner CPD.

Phase I includes water and wastewater service to a Wawa Convenience Store and Gas Station and includes the following utilities to be to be owned and maintained by the USD:

- 1,223 linear feet of 8-inch DIP water main;
- 37 linear feet of 6-inch DIP water main;
- Five (5) fire hydrants;
- One (1) sanitary pump station;
- 992 linear feet of 8-inch PVC gravity sanitary sewer;
- 98 linear feet of 4-inch PVC forcemain; and
- Associated appurtenances.

The water and sewer mains in Phase I potentially serve two restaurants and general retail commercial development in future phases.

The project includes the dedication of property to Palm Beach County for the potential future

widening of 45th Street. The project includes the Subordination of Utility Interests of the Utility District to Palm Beach County for approximately 12 feet of existing sanitary forcemain that is located within the expanded 45th Street right-of way.

The Prime Corner Project includes more than just individual privately owned and maintained utility services. The USD Board of Directors has all powers to carry out the purposes of the USD Charter including acquiring, constructing, operating, managing, maintaining, improving, expanding the USD facilities. The USD Board of Directors may hold, control, acquiring, and dedicating public utility easements.

The Prime Corner Commercial Planned Development Project (Prime Corner CPD) is on two parcels totalling 9.841 acres and is located at the northwest corner of the intersection of Military Trail and 45th Street, within the City of West Palm Beach. The Prime Corner CPD is located within the City of Riviera Beach Utility Special District's (USD's) Water and Wastewater Service Area. The City of Riviera Beach USD has accepted the responsibility to provide water and wastewater service within its service area as a subregional agency as designated by the Palm Beach County Area Planning Board, in accordance with Section 20-257 of the City of Riviera Beach Code of Ordinances.

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- Five (5) fire hydrants;
- One (1) sanitary pump station;
- 992 linear feet of 8-inch PVC gravity sanitary sewer;
- 98 linear feet of 4-inch PVC forcemain; and
- Associated appurtenances.

The water and sewer mains in Phase I potentially serve two restaurants and general retail commercial development in future phases.

The project includes the dedication of property to Palm Beach County for the potential future widening of 45th Street. The project includes the Subordination of Utility Interests of the Utility District to Palm Beach County for approximately 12 feet of existing sanitary forcemain that is located within the expanded 45th Street right-of way.

The Prime Corner Project includes more than just individual privately owned and maintained utility services. The USD Board of Directors has all powers to carry out the purposes of the USD Charter including acquiring, constructing, operating, managing, maintaining, improving, expanding the USD facilities. The USD Board of Directors may hold, control, acquiring, and dedicating public utility easements.

City Goals:

Achieve a Sustainable Economy and Accelerate Operational Excellence.

Fiscal/Budget Impact:

As this is a development project and the developer is providing the source of funds for this project, this project will not have an impact on the operating budget.

Recommendation:

Staff recommends the Board of Directors of the City of Riviera Beach Utility Special District approve the associated Resolution which includes the City of Riviera Beach Utility Special District owning and maintaining the propose potable water and sanitary sewerage facilities and to approve the subordination of utility interests in the proposed public right-of-way along 45th Street.

Attachments:

- 1_Memo_to_Board_Prime Corner Project.docx
2. Resolution_Number_3-22UD_Prime_Corner__dw.docx
- 3_Subordination of Easement.docx
- 3a_Exhibit A Signed 12-14-2021.pdf
- 4_Project Location Map - Exhibit B.docx
- 5_Site Development Plans (2022-01-07).pdf
- 6_Proposed Re-Plat D18063P 12-15-2021.pdf



"The Best Waterfront City in Which to Live, Work and Play."

CITY OF RIVIERA BEACH – MEMORANDUM

TO: HON. MAYOR, CHAIRPERSON, AND CITY COUNCIL/ UTILITY SPECIAL DISTRICT BOARD OF DIRECTORS

THROUGH: JONATHAN EVANS, CITY MANAGER, MPA, MBA, ICMA-CM

FROM: DEIRDRE M. JACOBS, INTERIM DIRECTOR OF UTILITIES, MPA

SUBJECT: Prime Corner, Phase I Development Project
Site Development Plan, Re-Plat, and Subordination of Utility Interest

DATE: JANUARY 19, 2022

CC: GENERAL PUBLIC

Background:

The Prime Corner Commercial Planned Development Project (Prime Corner CPD) is on two parcels totalling 9.841 acres and is located at the northwest corner of the intersection of Military Trail and 45th Street, within the City of West Palm Beach. The Prime Corner CPD is located within the City of Riviera Beach Utility Special District's (USD's) Water and Wastewater Service Area. The City of Riviera Beach USD has accepted the responsibility to provide water and wastewater service within its service area as a subregional agency as designated by the Palm Beach County Area Planning Board, in accordance with Section 20-257 of the City of Riviera Beach Code of Ordinances.

The City of West Palm Beach adopted Ordinance No. 4931-21, approving the rezoning of the above property from General Commercial (GC) to a Commercial Planned Development (CPD), establishing the Prime Corner CPD.



Phase I includes water and wastewater service to a Wawa Convenience Store and Gas Station and includes the following utilities to be owned and maintained by the USD:

- 1,223 linear feet of 8-inch DIP water main;
- 37 linear feet of 6-inch DIP water main;
- Five (5) fire hydrants;
- One (1) sanitary pump station;
- 992 linear feet of 8-inch PVC gravity sanitary sewer;
- 98 linear feet of 4-inch PVC forcemain; and
- Associated appurtenances.

The water and sewer mains in Phase I potentially serve two restaurants and general retail commercial development in future phases.

The project includes the dedication of property to Palm Beach County for the potential future widening of 45th Street. The project includes the Subordination of Utility Interests of the Utility District to Palm Beach County for approximately 12 feet of existing sanitary forcemain that is located within the expanded 45th Street right-of way.

The Prime Corner Project includes more than just individual privately owned and maintained utility services. The USD Board of Directors has all powers to carry out the purposes of the USD Charter including acquiring, constructing, operating, managing, maintaining, improving, expanding the USD facilities. The USD Board of Directors may hold, control, acquiring, and dedicating public utility easements.

City Goals:

This project is consistent with the Citywide Goals to Enhance Governmental Stewardship, Achieve a Sustainable Economy, and Accelerate Operational Excellence and the project will provide potable water, fire protection, and wastewater service to business owners/stakeholders within the Utility Special District.

Fiscal/Budget Impact:

This is a development project and the developer, Prime Development LLC, is providing the source of funds for this project. Water and sewer capital fees and user charges are to be paid and all rates outside the City of Riviera Beach are assessed a surcharge.

Recommendation:

Staff recommends the Board of Directors of the City of Riviera Beach Utility Special District to do the following:

"The Best Waterfront City in Which to Live, Work And Play."



1. Approve Resolution 03-22 which includes the Utility Special District owning and maintaining the proposed potable water and sanitary sewerage facilities as provided herein; and
2. Approve the Subordination of Utility Interests between Palm Beach County and the Utility Special District in the proposed public right-of-way along 45th Street.

Attachments:

Resolution No. 03-22USD
Subordination of Utility Interests and Exhibit A
Project Location Map - Exhibit B
Site Development Plans
Proposed Re-Plat



RESOLUTION NUMBER 3-22UD

A RESOLUTION OF THE BOARD OF DIRECTORS OF THE CITY OF RIVIERA BEACH UTILITY SPECIAL DISTRICT, PALM BEACH COUNTY, FLORIDA, APPROVING THE WATER AND SANITARY SEWER ASPECTS OF A SITE PLAN APPLICATION FROM PRIME DEVELOPMENT, LLC TO CONSTRUCT A WAWA CONVENIENCE STORE AND GAS STATION IN PHASE I AND CONSTRUCT CENTRAL UTILITIES TO POTENTIALLY SERVE TWO RESTAURANTS AND GENERAL RETAIL COMMERCIAL DEVELOPMENTS LOCATED ON TWO PARCELS TOTALING 9.841 ACRES OF LAND; PROVIDING FOR CONDITIONS OF APPROVAL; AUTHORIZING THE CHAIRPERSON AND DISTRICT CLERK TO EXECUTE A SUBORDINATION OF UTILITY INTERESTS FOR AN EXISTING UTILITY EASEMENT LOCATED WITHIN THE 45TH STREET RIGHT-OF-WAY; AND PROVIDING AN EFFECTIVE DATE.

WHEREAS, the Applicant, Prime Development, LLC has applied for site plan approval for the water and sanitary sewer aspects of the Prime Corner, Phase I project associated with real property with a total 9.841 acres located at 5701 N. Military Trail, and identified by parcel control numbers 74-42-43-01-01-000-0012 and 74-42-43-01-01-000-0052; and

WHEREAS, Prime Corner, Phase I includes a Wawa convenience store and gas station and future phases potentially include two restaurants and general retail commercial development; and

WHEREAS, the Prime Corner Development Project is located within the City of West Palm Beach and within the City of Riviera Beach Utility Special District (USD); and

WHEREAS, Prime Corner Phase I includes water and wastewater service to a Wawa convenience store and gas station. Prime Corner Phase I also includes 1,223 linear feet of 8-inch DIP water main, 37 linear feet of 6-inch DIP water main, five fire hydrants, and associated appurtenances to be owned and maintained by the USD; and

WHEREAS, Prime Corner Phase I includes 992 linear feet of 8-inch PVC gravity sanitary sewer, 98 linear feet of 4-inch PVC force main, and one sanitary pump station which the applicant desires to be owned and maintained by the USD; and

RESOLUTION NUMBER 3-22UD

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WHEREAS, the Prime Corner Project includes more than just individual privately owned and maintained utility services. The USD Board of Directors has all powers to carry out the purposes of the USD Charter including acquiring, constructing, operating, managing, maintaining, improving, and expanding the USD facilities; and

WHEREAS, the project includes the dedication of property to Palm Beach County for potential future widening of 45th Street and the project includes the Subordination of Utility Interests for approximately 12 feet of existing sanitary force main that is located within the expanded 45th Street right-of way; and

WHEREAS, the proposed Subordination of Utility Interests reserves the USD's rights; and

WHEREAS, the USD Board of Directors may hold, control, acquire, and dedicate public utility easements; and

WHEREAS, USD staff finds that the proposed site plan, re-plat, and subordination of utility interests are consistent with the water and sanitary sewer aspects of the City of Riviera Beach's Comprehensive Plan, the water and sanitary sewer aspects of the City's Code of Ordinances, and the USD Charter; and

WHEREAS, the City of West Palm Beach adopted Ordinance No. 4931-21, approving the rezoning of the subject property from General Commercial (GC) to a Commercial Planned Development(CDP) , establishing the Prime Corner CPD. .

NOW, THEREFORE, BE IT RESOLVED BY THE UTILITY SPECIAL DISTRICT OF THE CITY OF RIVIERA BEACH, PALM BEACH COUNTY, FLORIDA, AS FOLLOWS:

SECTION 1: That the USD Board of Directors finds the site plan application, re-plat, and subordination of utility interests for the water and sanitary sewer aspects of the Prime Corner, Phase I project associated with real property with a total 9.841 acres located at 5701 N. Military Trail are consistent with the water and sanitary sewer aspects of the City of Riviera Beach's Comprehensive Plan, the water and sanitary sewer aspects of the City's Code of Ordinances, and the USD Charter.

SECTION 2: That the District Board Chairperson and District Clerk are authorized to execute the Subordination of Utility Interests between the USD and Palm Beach County.

SECTION 3: That the USD Board of Directors approves the water and sanitary sewer aspects of this site plan application for the Prime Corner, Phase I project with the following conditions of approval:

RESOLUTION NUMBER 3-22UD

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1. The USD Board of Directors authorizes USD staff to approve future amendments to this water and sanitary sewer aspects site plan administratively so long as the site plan does not deviate greater than 5% from the originally approved site plan.
2. A grease trap with a minimum volume of 1,250 gallons shall be provided on the sewer service to the Wawa convenience store. Adequate pretreatment that meets the USD requirements and the requirements of the East Central Water Reclamation Facility shall be provided for future buildings. Backflow prevention devices on the water services to the Wawa convenience store and future buildings shall meet the USD's cross-connection control requirements. USD staff may approve future applications water and sanitary sewer service for each future building to construct water and sewer applications within Prime Corner as long as associated plans and documents that are submitted for each future building are submitted in their entirety and not in an incomplete manner.
3. This development must receive final Certificate of Occupancy from the City of West Palm Beach for all buildings approved within five years of the approval of the adopting resolution or the adopting resolution shall be considered null and void, requiring the applicant to resubmit application for site plan and re-initiate the USD site plan approval process.
4. Once approved, this resolution shall supersede any previous USD site plan approval resolutions associated with this property, causing previous USD site plan approval resolutions to be null and void.
5. The existence, exact locations and depths of utilities depicted on drawings and plans provided by the USD shall be field verified by the Contractor prior to construction. The USD assumes no responsibility for any potential utility conflicts. If it is determined that utility depicted on drawings and plans provided by the USD are non-existent or partially existent, the USD assumes no responsibility for construction of these utilities.
6. The Contractor shall be responsible for any damage done to the USD utilities as a result of this work and shall correct any damage done and be financially responsible for same.
7. Any water and/or sewer connections must be coordinated and supervised by the USD personnel. The Contractor shall provide 72 hours' notice for connections.
8. When the construction of the project is substantially completed, the Engineer of Record shall be required to submit the following items to the USD before the City of Riviera Beach Utility Special District is authorized to certify that the project is ready

RESOLUTION NUMBER 3-22UD

PAGE | 4

to be placed into service and permanently connected to the City of Riviera Beach Utility District system(s):

- a. Both a hard copy and an electronic copy of a set of the As-Built Drawings of the water and wastewater systems, for review and approval by USD staff. The Engineer shall place the as-built information immediately adjacent to all water and sewer pipes, appurtenances, and service connections on the final As-Built Drawings. As-Built Drawing information provided in tabular form will not be accepted. Elevations shall be in NGVD.
 - b. A copy of current bacteriological test results performed at the project site.
 - c. A copy of the completed infrastructure test reports (e.g., water pressure test results, force main pressure test results, gravity sewer leakage test results, and gravity sewer deflection test results, including soil density test results).
 - d. A copy of the DEP form for the Completion of Construction for Wastewater - Form 62-604.300(8)(b). This document must be fully signed and dated by the permittee and signed, dated and sealed by the Engineer of Record (as required) before the USD representative will be able to endorse it.
 - e. A copy of the DEP form for the Completion of Construction for Water - Form 62-555.900(9). This document must be fully signed and dated by the permittee and signed, dated and sealed by the Engineer of Record (as required) before the USD will be able to endorse it.
 - f. After the As-Built Drawings (submitted in item a. above) have been reviewed and accepted by USD staff, forward to the USD staff, final As-Built Drawings which shall consist of both a hard copy and an electronic copy (PDF and CAD) that is signed and sealed by the Engineer of Record and the Surveyor who prepared them.
9. Regarding the existing shallow public water supply well located at the southwest corner of the site, the Developer is to adhere to all of the applicable rules and regulations, including 62-532 F.A.C. Water Well Permitting and Construction Requirements, as well as the Palm Beach County Wellfield Protection Ordinance, as it pertains to setbacks and other conditions.
10. Appropriate forms as required by USD Policy shall be executed.

SECTION 4: This Resolution shall take effect immediately upon its passage and approval by the USD Board of Directors.

PASSED and APPROVED THIS _____ DAY OF _____ 2022.

Signatures are on the next page.

APPROVED:

SHIRLEY D. LANIER
CHAIRPERSON

ATTEST:

CLAUDENE L. ANTHONY,
CERTIFIED MUNICIPAL CLERK
DISTRICT CLERK

KASHAMBA MILLER-ANDERSON
VICE CHAIRPERSON

TRADRICK MCCOY
BOARD MEMBER

JULIA A. BOTEL, Ed.D.
BOARD MEMBER

DOUGLAS A. LAWSON
BOARD MEMBER

MOTIONED BY: _____

SECONDED BY: _____

T. MCCOY: _____

K. MILLER-ANDERSON: _____

S. LANIER: _____

J. BOTEL: _____

D. LAWSON: _____

REVIEWED AS TO LEGAL SUFFICIENCY

DAWN S. WYNN
DISTRICT ATTORNEY

Return via Palm Beach County interoffice mail to:
Kaye Weichel, Right-of-Way Specialist
Palm Beach County, Engineering & Public Works Department
Roadway Production Division
2300 North Jog Road, 3rd Floor West
West Palm Beach, Florida 33411-2750

This Instrument Prepared by:
Yelizaveta B. Herman, Assistant County Attorney
Palm Beach County Attorney's Office
Post Office Box 21229
West Palm Beach, Florida 33416-1229

Property Control Number: Portion of: 74-42-43-01-01-000-0012 & 74-42-43-01-01-000-0052

NOT TO BE RECORDED WITHOUT BOARD OF COUNTY COMMISSIONERS ACCEPTANCE DATE

SPACE ABOVE THIS LINE FOR PROCESSING DATA

PROJECT NO.: MRT2021-018
ROAD NAME: 45TH ST NEAR MILITARY TRAIL
PARCEL NO.: PORTION OF TRACT B,
PLAT OF PRIME CORNER

SUBORDINATION OF UTILITY INTERESTS

THIS SUBORDINATION OF UTILITY INTERESTS (“Subordination”) is entered into this _____ day of _____, 20____, by and between **PALM BEACH COUNTY**, a political subdivision of the State of Florida, by and through its Board of County Commissioners, whose post office address is Post Office Box 21229, West Palm Beach, Florida 33416-1229, (“County”) and **CITY OF RIVIERA BEACH UTILITY SPECIAL DISTRICT, a legal entity and public body created pursuant to Chapter 189, Florida Statutes**, whose post office address is 600 West Blue Heron Blvd., Riviera Beach, Florida 33419, (“Utility”).

WHEREAS, the Utility presently has easements on certain property that has been determined necessary for public purposes; and,

WHEREAS, the proposed use of this property will require subordination to the County of the interests claimed in said property by the Utility, and at the request of the County, the Utility has agreed, subject to the following conditions, to relocate its facilities from the Utility’s easement onto public right-of-way, or has agreed to leave its facilities on the subordinated property (“Property”), described in **Exhibit “A”** attached hereto and made a part hereof; and,

WHEREAS, the County is willing to pay to have the Utility’s facilities relocated as necessary to prevent conflict between the facilities so that the benefits of each may be retained; and

WHEREAS, Resolution R2020-0614 delegated to the County Administrator or designee the authority to execute developer funded subordination of utility interests instruments on behalf of the Board of County Commissioners; and

WHEREAS, on or about June 10, 2020, the County Engineer, Deputy County Engineer, and Assistant County Engineer have been designated by the County Administrator with the authority to execute subordination of utility interest instruments associated with right-of-way conveyances; and

WHEREAS, the Assistant County Engineer has found this Subordination and documents associated therewith to be appropriate for recordation in the public records of Palm Beach County, Florida.

NOW THEREFORE, in consideration of the mutual covenants and promises of the parties hereto, the Utility and the County agree as follows:

1. The Utility hereby subordinates any and all of its interest in that portion of the following easement lying within the Property, to the interest of the County, its successors or assigns, through, under, upon or across the Property;

<u>NATURE OF ENCUMBRANCE</u>	<u>DATE</u>	<u>RECORD IN FAVOR OF</u>	<u>BOOK / PAGE</u>
EASEMENT DEED	11/14/1985	ARJARO DEVELOPMENT CORP.	ORB 4712 PG 667
ASSIGNMENT OF EASEMENTS	9/23/2004	CITY OF RIVIERA BEACH UTILITY SPECIAL DISTRICT	ORB 17563 PG 1162

2. The Utility shall have the right to construct, operate, maintain, improve, add to, upgrade, remove, and relocate facilities on, within, and upon all the Property in accordance with the County's current minimum standards for such facilities as of the date of such construction. Any new construction or relocation of the facilities within the Property will be subject to prior approval by the County. Should the County fail to approve any new construction or relocation of facilities by the Utility or hereafter require the Utility to alter, adjust or relocate its facilities from within the Property, the County hereby agrees to pay the Utility's reasonable cost of any required alteration, adjustment or relocation, caused by the County's actions, including the cost of acquiring the necessary easements.
3. The Utility shall have a reasonable right to enter upon the Property for the purposes outlined in paragraph 2 above, including the right to trim such trees, bushes, and growth which might endanger or interfere with the operation and safety of the Utility's facilities.
4. The Utility shall protect, defend, reimburse, indemnify and hold County, its agents, employees and elected officers harmless from and against all claims, liability, expense, loss, cost, damages or causes of action of every kind or character, including attorney's fees and costs, whether at trial or appellate levels or otherwise, arising during and as a result of their performance of the terms of this Agreement or due to the

acts or omissions of Utility. The foregoing indemnification shall not constitute a waiver of sovereign immunity beyond the limits set forth in Florida Statutes, Section 768.28, nor shall the same be construed to constitute agreement by either party to indemnify the other party for such other party's negligent, willful or intentional acts or omissions.

5. This Subordination shall be attached as an addendum to the permit required by the County for location of facilities on the Property.
6. This Subordination is not assignable except to the State of Florida or other governmental entity for the purposes described herein.
7. This Subordination is not intended to, nor shall it be construed, to create a third-party beneficiary.

In consideration of the representations contained herein, the attached document, and other good and valuable considerations, I, Steve Carrier, P.E., Assistant County Engineer, find this Subordination and associated documents to be appropriate and in order for recordation in the public records of Palm Beach County, Florida as official recognition of the subordination of utility interests as shown on **Exhibit "A"** attached hereto and made a part hereof.

Remainder of page intentionally left blank.

IN WITNESS WHEREOF, the County has caused this Subordination of Utility Interests to be executed on this _____ day of _____, 20_____.

**PALM BEACH COUNTY, FLORIDA,
ON BEHALF OF ITS BOARD OF COUNTY COMMISSIONERS**

By: _____
Steve Carrier, P.E., Assistant County Engineer

APPROVED AS TO FORM AND LEGAL SUFFICIENCY

By: _____
Yelizaveta B. Herman, Assistant County Attorney

APPROVED AS TO TERMS AND CONDITIONS

By: _____
Morton L. Rose, Division Director

STATE OF FLORIDA
COUNTY OF PALM BEACH

Before me personally appeared Steve Carrier, who is (*choose one*) personally known to me, *or* has produced _____ as identification, and who executed the foregoing instrument, and acknowledged before me by means of (*choose one*) physical presence *or* online notarization, that they executed the instrument for the purposes therein.

Witness my hand and official seal this _____ day of _____, 20_____.

(Stamp/Seal)

Notary Signature
Notary Public, State of Florida

Print Notary Name

Commission Number
My Commission Expires: _____

IN WITNESS WHEREOF, the undersigned Parties have executed this Subordination of Utility Interests on the day and year first written above.

CITY OF RIVIERA BEACH
UTILITY SPECIAL DISTRICT

BY: _____
SHIRLEY D. LANIER
CHAIRPERSON

ATTEST:

BY: _____
CLAUDENE L. ANTHONY
CERTIFIED MUNICIPAL CLERK
CITY CLERK

APPROVED AS TO TERMS AND
CONDITIONS

BY: _____
DEIRDRE JACOBS, MPA
INTERIM EXECUTIVE DIRECTOR OF UTILITIES

APPROVED AS TO FORM AND
LEGAL SUFFICIENCY

BY: _____
DAWN S. WYNN
CITY ATTORNEY

Date: _____

N:\R_O_W\KAYE\SUBORDINATION 2 OF UTILITY INTERESTS

**SPECIFIC PURPOSE SURVEY
PREPARED FOR:
PRIME DEVELOPMENT, LLC**

EXHIBIT "A"

**ADDITIONAL RIGHT-OF-WAY
PORTION OF TRACTS 2 AND 5
ADAMS SUBDIVISION**

LEGAL DESCRIPTION:

A PARCEL OF LAND BEING A PORTION OF TRACTS 2 AND 5, ADAMS SUBDIVISION, ACCORDING TO THE PLAT THEREOF, AS RECORDED IN PLAT BOOK 20, PAGE 23, PUBLIC RECORDS OF PALM BEACH COUNTY, FLORIDA AND LYING IN SECTION 1, TOWNSHIP 43 SOUTH, RANGE 42 EAST, CITY OF WEST PALM BEACH, PALM BEACH COUNTY, FLORIDA AND BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCING AT THE NORTH QUARTER CORNER OF SAID SECTION 1; THENCE ALONG THE NORTH/SOUTH QUARTER SECTION LINE OF SAID SECTION 1 AND ALONG THE BASELINE OF SURVEY FOR STATE ROAD 809 (MILITARY TRAIL), AS SHOWN ON THE FLORIDA DEPARTMENT OF TRANSPORTATION RIGHT OF WAY MAP SECTION 93150-2505, SOUTH 03°41'13" WEST, A DISTANCE OF 1934.08 FEET; THENCE DEPARTING SAID NORTH/SOUTH QUARTER SECTION LINE ALONG A LINE AT RIGHT ANGLES, NORTH 86°18'47" WEST, A DISTANCE OF 97.37 FEET TO THE SOUTHEAST CORNER OF PARCEL No. 162 FOR ADDITIONAL RIGHT OF WAY, AS DESCRIBED IN OFFICIAL RECORD BOOK 12824, PAGE 1292, PUBLIC RECORDS OF PALM BEACH COUNTY, FLORIDA; THENCE ALONG THE SOUTH LINE OF SAID PARCEL No. 162, NORTH 87°45'40" WEST, A DISTANCE OF 32.64 FEET TO A POINT ON THE EXISTING NORTH RIGHT OF WAY LINE OF S.W. 45th. STREET AND THE POINT OF BEGINNING OF THE FOLLOWING DESCRIBED PARCEL OF LAND;

THENCE ALONG SAID EXISTING NORTH RIGHT OF WAY LINE OF S.W. 45th. STREET, AND ALONG THE NORTH LINE OF PARCELS 114, 115 AND 116 FOR ADDITIONAL RIGHT OF WAY, AS DESCRIBED IN OFFICIAL RECORD BOOK 5361, PAGE 902, PUBLIC RECORDS OF PALM BEACH COUNTY, FLORIDA, NORTH 87°45'40" WEST, A DISTANCE OF 325.81 FEET; THENCE CONTINUE ALONG SAID EXISTING NORTH RIGHT OF WAY LINE, AND ALONG THE NORTH LINE OF PARCEL 113 FOR ADDITIONAL RIGHT OF WAY, AS DESCRIBED IN OFFICIAL RECORD BOOK 5292, PAGE 905, PUBLIC RECORDS OF PALM BEACH COUNTY, FLORIDA, NORTH 88°11'26" WEST, A DISTANCE OF 204.21 FEET; THENCE CONTINUE ALONG SAID EXISTING NORTH RIGHT OF WAY LINE AND ALONG THE NORTH LINE OF THAT CERTAIN PARCEL OF LAND FOR ADDITIONAL RIGHT OF WAY, AS DESCRIBED IN OFFICIAL RECORD BOOK 4206, PAGE 1008 AND IN OFFICIAL RECORD BOOK 15676, PAGE 1909, PUBLIC RECORDS OF PALM BEACH COUNTY, FLORIDA, NORTH 87°45'40" WEST, A DISTANCE OF 281.87 FEET; THENCE DEPARTING SAID EXISTING NORTH RIGHT OF WAY LINE, NORTH 03°41'13" EAST, A DISTANCE OF 0.38 FEET; THENCE SOUTH 88°50'11" EAST, A DISTANCE OF 110.81 FEET; THENCE NORTH 01°09'49" EAST, A DISTANCE OF 12.00 FEET; THENCE SOUTH 88°50'11" EAST, A DISTANCE OF 330.51 FEET; THENCE SOUTH 87°48'15" EAST, A DISTANCE OF 107.95 FEET; THENCE SOUTH 89°04'31" EAST, A DISTANCE OF 180.31 FEET; THENCE SOUTH 87°48'15" EAST, A DISTANCE OF 106.67 FEET TO A POINT ON THE EXISTING WEST RIGHT OF WAY LINE FOR MILITARY TRAIL AND A POINT ON THE WEST LINE OF THE AFOREMENTIONED PARCEL No. 162, DESCRIBED IN OFFICIAL RECORD BOOK 12824, PAGE 1292; THENCE ALONG SAID EXISTING WEST RIGHT OF WAY LINE AND ALONG THE SAID WEST LINE OF PARCEL No. 162, SOUTH 47°57'47" WEST, A DISTANCE OF 33.55 FEET TO THE POINT OF BEGINNING.

CONTAINING A TOTAL OF 13,984 SQUARE FEET, MORE OR LESS.

REVISED 12-14-21



LB4431

675 West Indiantown Road, Suite 200,
Jupiter, Florida 33458 TEL. 561-746-8454

CAD. K:\UST \ 014342 \ 20-23 \ 18-063-101A \ 18-063-101A.DGN			
REF.			
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OFF.	CASASUS		
CKD.	D.C.L.	SHEET	1 OF 8
		JOB	18-063-101A
		DATE	APRIL 19, 2021
		DWG.	A18-063A

**SPECIFIC PURPOSE SURVEY
PREPARED FOR:
PRIME DEVELOPMENT, LLC**

**ADDITIONAL RIGHT-OF-WAY
PORTION OF TRACTS 2 AND 5
ADAMS SUBDIVISION**

SURVEY REPORT:

1. THIS IS A SPECIFIC PURPOSE SURVEY AS DEFINED IN CHAPTER 5J-17.050, FLORIDA ADMINISTRATIVE CODE AND CONFORMS TO THE STANDARDS OF PRACTICE AS OUTLINED IN CHAPTER 5J-17, FLORIDA ADMINISTRATIVE CODE.

2. LEGAL DESCRIPTION WAS PREPARED BY LIDBERG LAND SURVEYING, INC.

3. BEARINGS AND COORDINATES SHOWN HEREON ARE STATE PLANE GRID BEARINGS AND COORDINATES AND ARE BASED ON THE NATIONAL GEODETIC SURVEY, NORTH AMERICAN DATUM OF 1983, 1990 ADJUSTMENT AND ARE RELATIVE TO THE NORTH-SOUTH QUARTER SECTION LINE OF SECTION 1, TOWNSHIP 43 SOUTH, RANGE 42 EAST, SAID LINE BEARS SOUTH 03°41'13" WEST.

4. DISTANCES SHOWN HEREON ARE GROUND DISTANCES UNLESS OTHERWISE NOTED.

5. DATUM = NORTH AMERICAN DATUM OF 1983 (NAD83)

6. ZONE = FLORIDA EAST

7. LINEAR UNITS = US SURVEY FOOT

8. SCALE FACTOR = 1.000038206

9. GROUND DISTANCES X SCALE FACTOR = GRID DISTANCE

10. ALL FIELD-MEASURED CONTROL MEASUREMENTS EXCEEDED AN ACCURACY OF 1' IN 7,500'.

11. EASEMENTS AND/OR RESTRICTIONS SHOWN ON THIS SURVEY PER:

OLD REPUBLIC NATIONAL TITLE INSURANCE COMPANY - AMERICAN LAND TITLE ASSOCIATION
COMMITMENT NUMBER 1079081, DATED APRIL 30, 2021 @ 11:00 PM.

12. THIS SURVEY IS PREPARED ONLY FOR THE PARTIES LISTED BELOW AND IS NOT ASSIGNABLE.

PREPARED FOR:

PRIME DEVELOPEMENT, LLC
OLD REPUBLIC NATIONAL TITLE INSURANCE COMPANY
PALM BEACH COUNTY



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Jupiter, Florida 33458 TEL. 561-746-8454

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OFF.	CASASUS	-	-	DATE	APRIL 19, 2021
CKD.	D.C.L.	SHEET	2 OF 8	DWG.	A18-063A

**SPECIFIC PURPOSE SURVEY
PREPARED FOR:
PRIME DEVELOPMENT, LLC**

**ADDITIONAL RIGHT-OF-WAY
PORTION OF TRACTS 2 AND 5
ADAMS SUBDIVISION**

SURVEY REPORT:

13. © COPYRIGHT 2021 BY LIDBERG LAND SURVEYING, INC. THE SKETCH OF SURVEY AND SURVEY REPORT COMPRISE THE COMPLETE SURVEY. THIS SURVEY IS NOT VALID UNLESS THE SKETCH AND REPORT ACCOMPANY EACH OTHER. REPRODUCTIONS OF THIS SURVEY ARE NOT VALID WITHOUT THE ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR AND MAPPER EMPLOYED BY LIDBERG LAND SURVEYING, INC.

LIDBERG LAND SURVEYING, INC.

DATE OF SURVEY: DECEMBER 14, 2021 BY: DAVID C. LIDBERG
PROFESSIONAL SURVEYOR AND MAPPER
FLORIDA CERTIFICATE No. 3613

ABBREVIATIONS:

(P) = AS SHOWN ON PLAT
ANC. = ANCHOR
B.F.P. = BACKFLOW PREVENTER
C.B.S. = CONCRETE BLOCK STRUCTURE
C.L.F. = CHAIN LINK FENCE
C.P.P. = CONCRETE POWER POLE
Co. = COUNTY
CONC. = CONCRETE
D.B. = DEED BOOK
E = EASTING COORDINATE VALUE (NAD83)
ELEC. = ELECTRIC
F.D.O.T. = FLORIDA DEPARTMENT OF TRANSPORTATION
FND. = FOUND
LB = LICENSED BUSINESS
LT. = LIGHT
M.H. = MANHOLE
MON. = MONITORING
N = NORTHING COORDINATE VALUE (NAD83)
O.R.B. = OFFICIAL RECORD BOOK
OH = OVERHEAD
P.B. = PLAT BOOK
PG. = PAGE
R/W = RIGHT OF WAY
TYP. = TYPICAL
W.M. = WATER METER
W.P.P. = WOOD POWER POLE



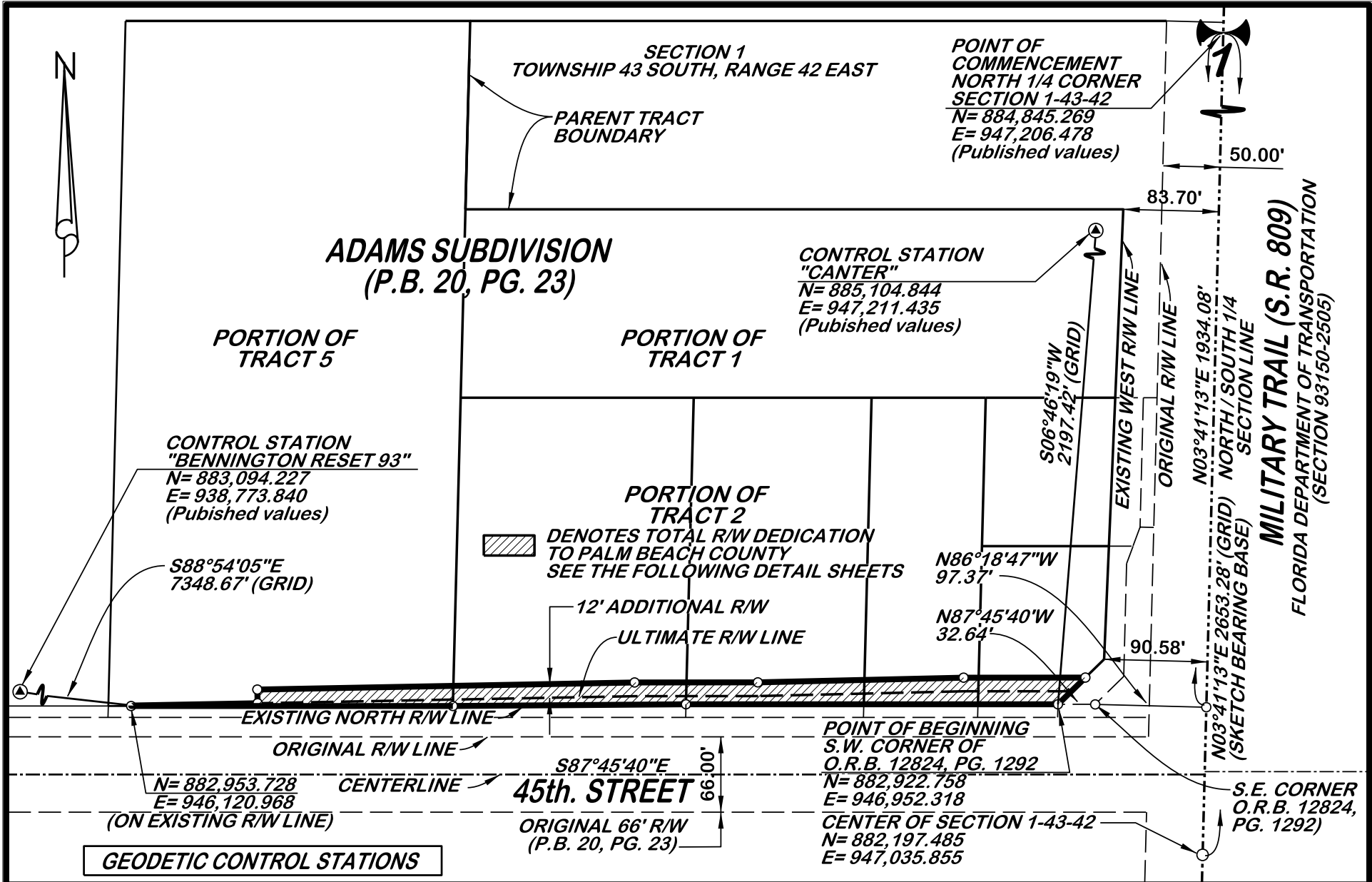
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OFF.	CASASUS			DATE	APRIL 19, 2021
CKD.	D.C.L.	SHEET	3 OF 8	DWG.	A18-063A



120 60 0 120



GRAPHIC SCALE IN FEET
SCALE: 1" = 120'

LIDBERG LAND SURVEYING, INC.

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FB. PG.

JOB 18-063-101A

OFF. CASASUS

DATE APRIL 19, 2021

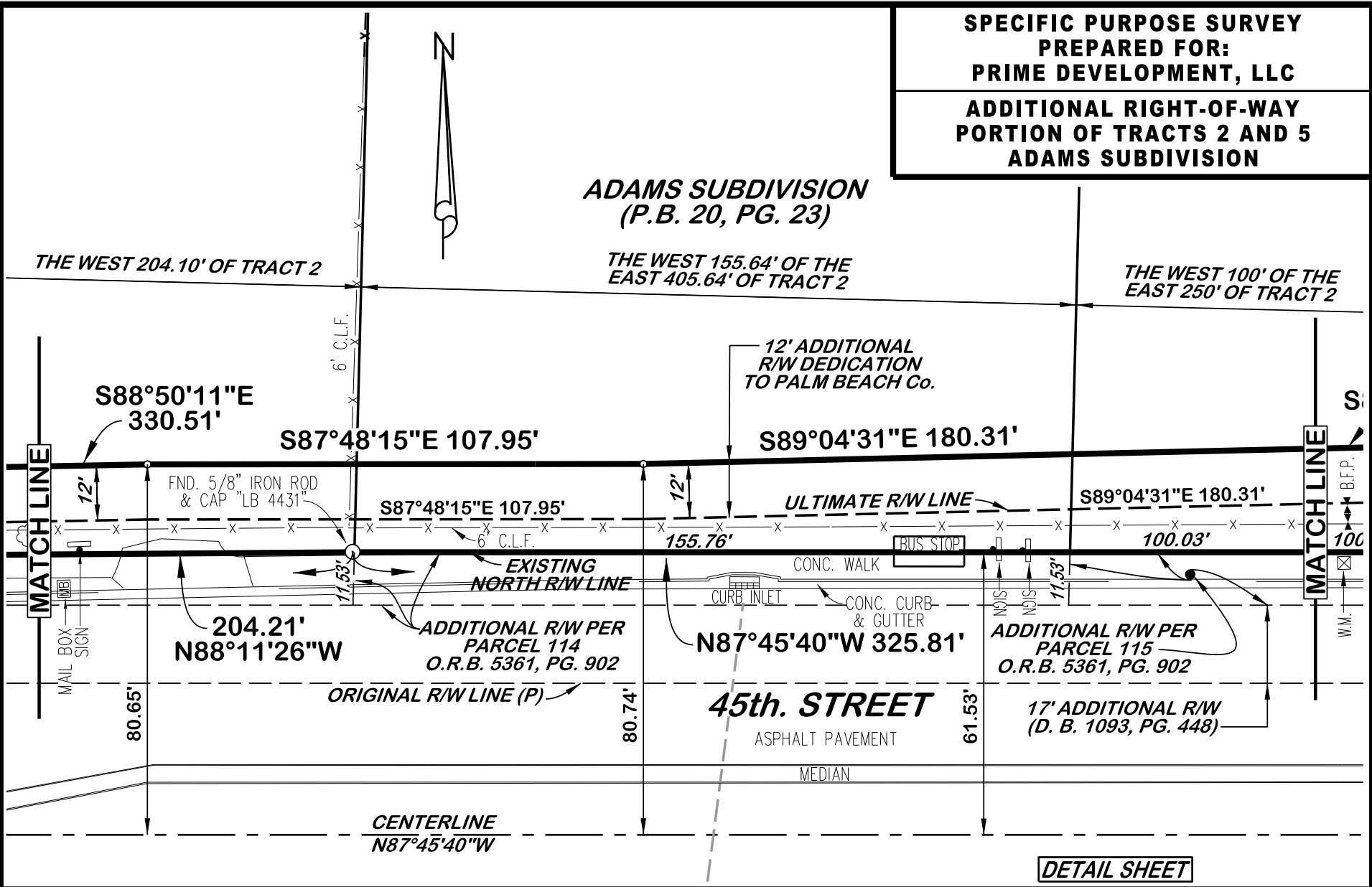
CKD. D.C.L.

SHEET 4 OF 8

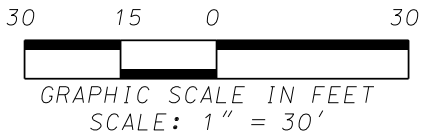
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**SPECIFIC PURPOSE SURVEY
PREPARED FOR:
PRIME DEVELOPMENT, LLC
ADDITIONAL RIGHT-OF-WAY
PORTION OF TRACTS 2 AND 5
ADAMS SUBDIVISION**

**ADAMS SUBDIVISION
(P.B. 20, PG. 23)**



DETAIL SHEET

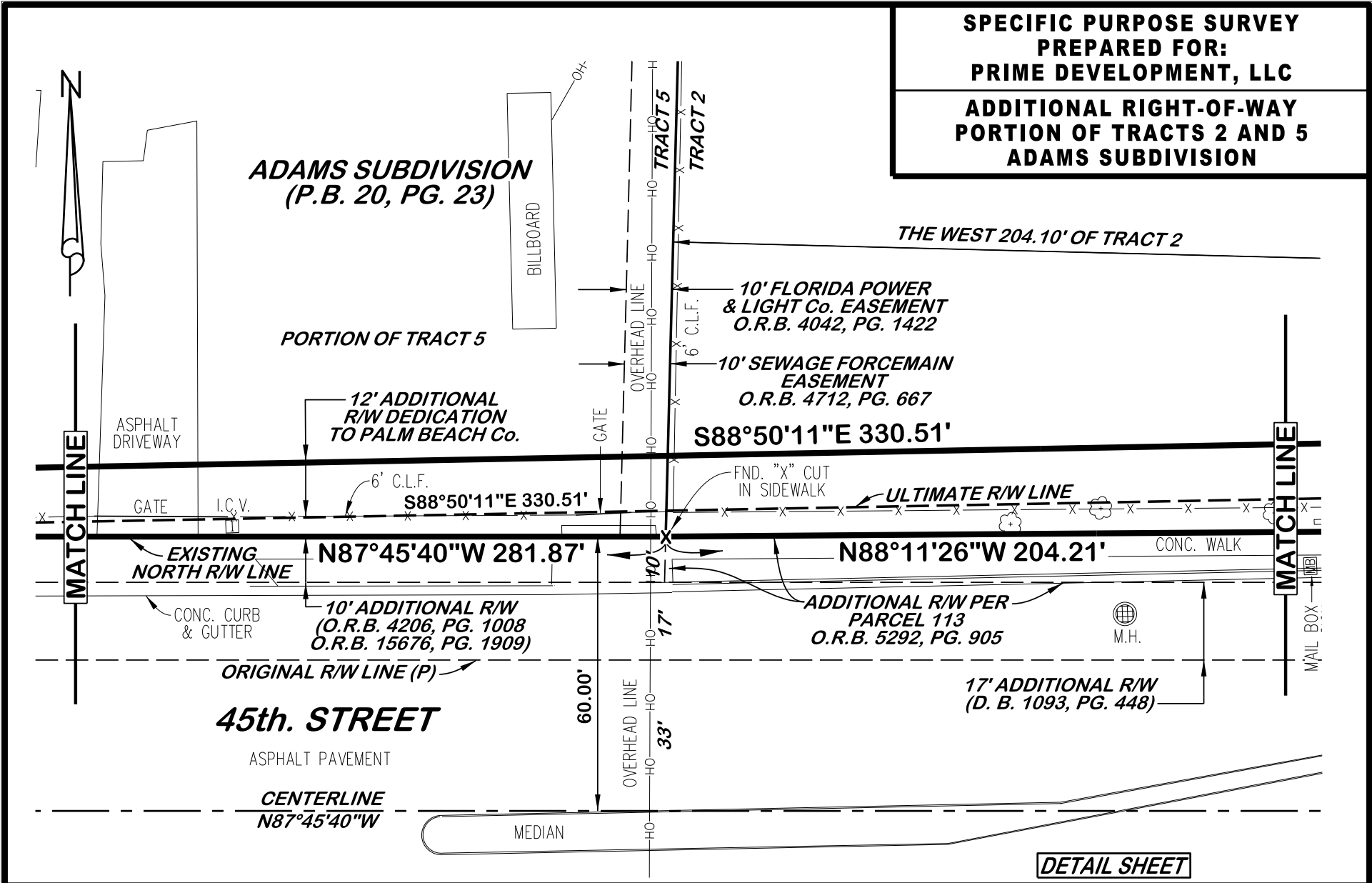


LIDBERG LAND SURVEYING, INC.

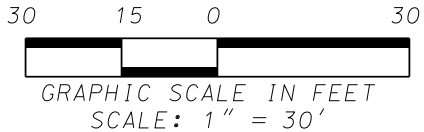
LB4431 675 West Indiantown Road, Suite 200, Jupiter, Florida 33458 TEL. 561-746-8454

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OFF. CASASUS	-	DATE APRIL 19, 2021	
CKD. D.C.L.	SHEET 6 OF 8	DWG. A18-063A	

**SPECIFIC PURPOSE SURVEY
 PREPARED FOR:
 PRIME DEVELOPMENT, LLC
 ADDITIONAL RIGHT-OF-WAY
 PORTION OF TRACTS 2 AND 5
 ADAMS SUBDIVISION**



DETAIL SHEET



**LIDBERG LAND
 SURVEYING, INC.**

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OFF. CASASUS			DATE APRIL 19, 2021
CKD. D.C.L.	SHEET 7	OF 8	DWG. A18-063A

**SPECIFIC PURPOSE SURVEY
PREPARED FOR:
PRIME DEVELOPMENT, LLC
ADDITIONAL RIGHT-OF-WAY
PORTION OF TRACTS 2 AND 5
ADAMS SUBDIVISION**



REMAINDER OF TRACT 5
NOT INCLUDED

20'X20' CITY OF
RIVIERA BEACH
WELL EASEMENT
(O.R.B. 4654, PG. 158)

FND. 5/8" IRON ROD
& CAP "LB 4431"
N= 882,953.728
E= 946,120.968

**ADAMS SUBDIVISION
(P.B. 20, PG. 23)**

PARENT TRACT
BOUNDARY

PORTION OF TRACT 5

12' ADDITIONAL R/W
DEDICATION TO
PALM BEACH COUNTY

S88°50'11"E
330.51'

N01°09'49"E
12.00'

ULTIMATE R/W LINE

S88°50'11"E
110.81'

I.C.V. B.F.P.

ASPHALT
DRIVEWAY

GATE

MATCH LINE

N03°41'13"E
0.38'

N87°45'40"W 281.87'

10' ADDITIONAL R/W
(O.R.B. 4206, PG. 1008
O.R.B. 15676, PG. 1909)

ORIGINAL R/W LINE (P)

17' ADDITIONAL R/W
(D. B. 1093, PG. 448)

45th. STREET

ASPHALT PAVEMENT

CENTERLINE

MEDIAN

N87°45'40"W

DETAIL SHEET

30 15 0 30



GRAPHIC SCALE IN FEET
SCALE: 1" = 30'

**LIDBERG LAND
SURVEYING, INC.**

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Jupiter, Florida 33458 TEL. 561-746-8454

CAD. K:\UST \ 014342 \ 20-23 \ 18-063-101A \ 18-063-101A.DGN

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JOB 18-063-101A

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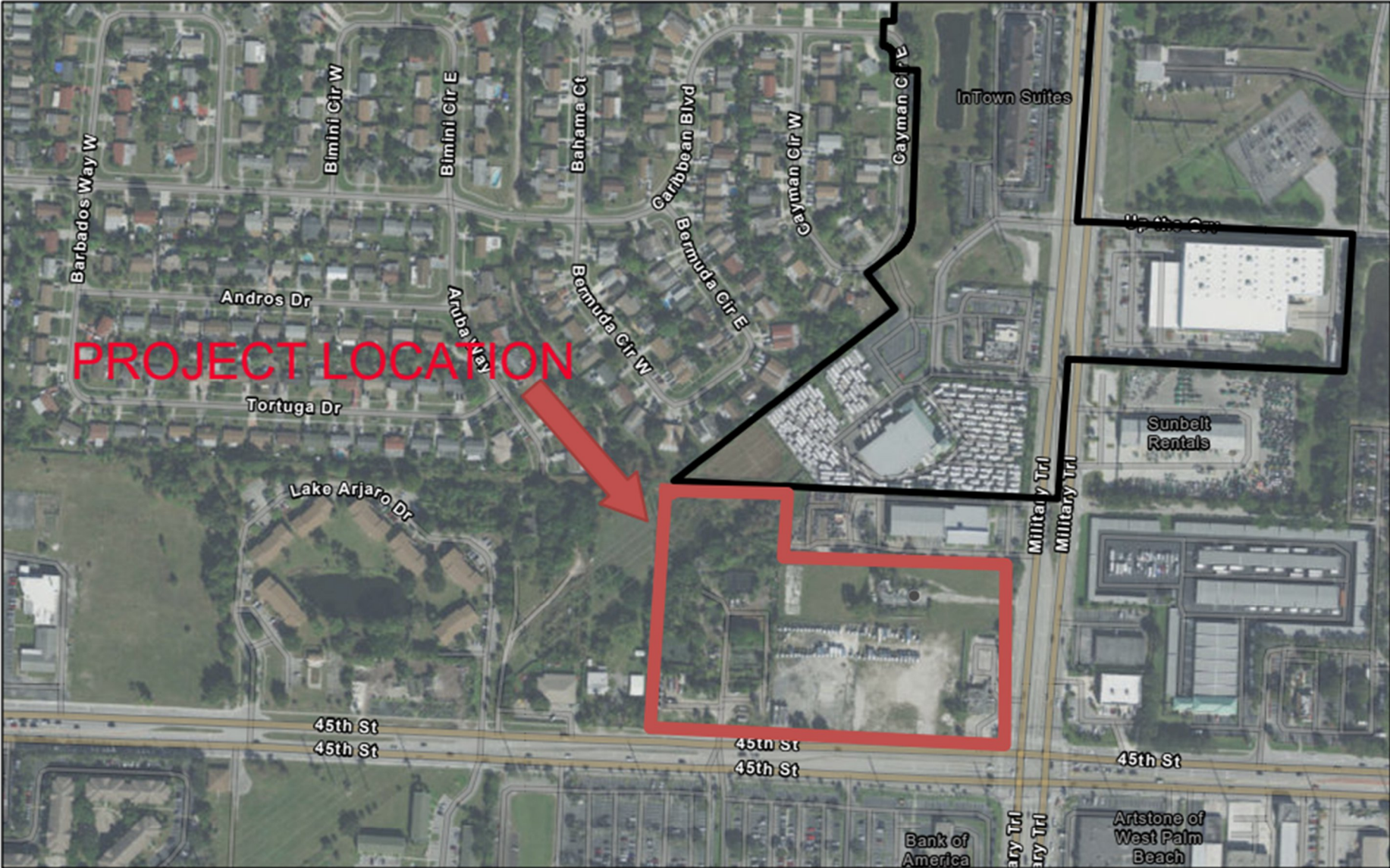
DATE APRIL 19, 2021


CKD. D.C.L.

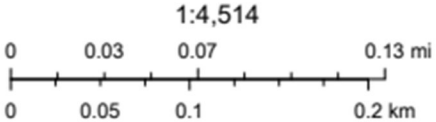
SHEET 8 OF 8

DWG. A18-063A

Project Location Map - Exhibit B



 Riviera Beach City Boundary



SITE DEVELOPMENT PLANS FOR PRIME CORNER - PHASE 1

**SECTION 01, TOWNSHIP 43S., RANGE 42E.
NWC OF 45TH STREET AND N MILITARY TRAIL
CITY OF WEST PALM BEACH, FLORIDA**

CONSULTANTS CONTACT INFORMATION:

DEVELOPER: PRIME DEVELOPMENT, LLC. 2401 PGA BOULEVARD, SUITE 200 PALM BEACH GARDENS, FL 33410	TENANT: WAWA, INC. 260 WEST BALTIMORE PIKE, RED ROOF WAWA, PENNSYLVANIA 19063
CIVIL ENGINEERS: SIMMONS AND WHITE, INC. 2581 METROCENTRE BOULEVARD, SUITE 3 WEST PALM BEACH, FLORIDA 33407 PHONE: (561) 478-7848 FAX: (561) 478-3738 GREG F. BOLEN, P.E.	ARCHITECT: CUHACI & PETERSON 1925 PROSPECT AVENUE ORLANDO, FL 32814 PHONE: (407) 661-9100
SITE PLANNER/ LANDSCAPE ARCHITECT: GENTILE GLAS HOLLOWAY O' MAHONEY & ASSOCIATES, INC. 1907 COMMERCE LANE, SUITE 101 JUPITER, FL 33458 PHONE: (561) 575-9557 FAX: (561) 575-5260	SURVEYOR: LIDBERG LAND SURVEYING, INC. 675 WEST INDIANTOWN ROAD, SUITE 200 JUPITER, FL 33458 PHONE: (561) 746-8454 FAX: (561) 575-3735

PROPERTY DESCRIPTION:

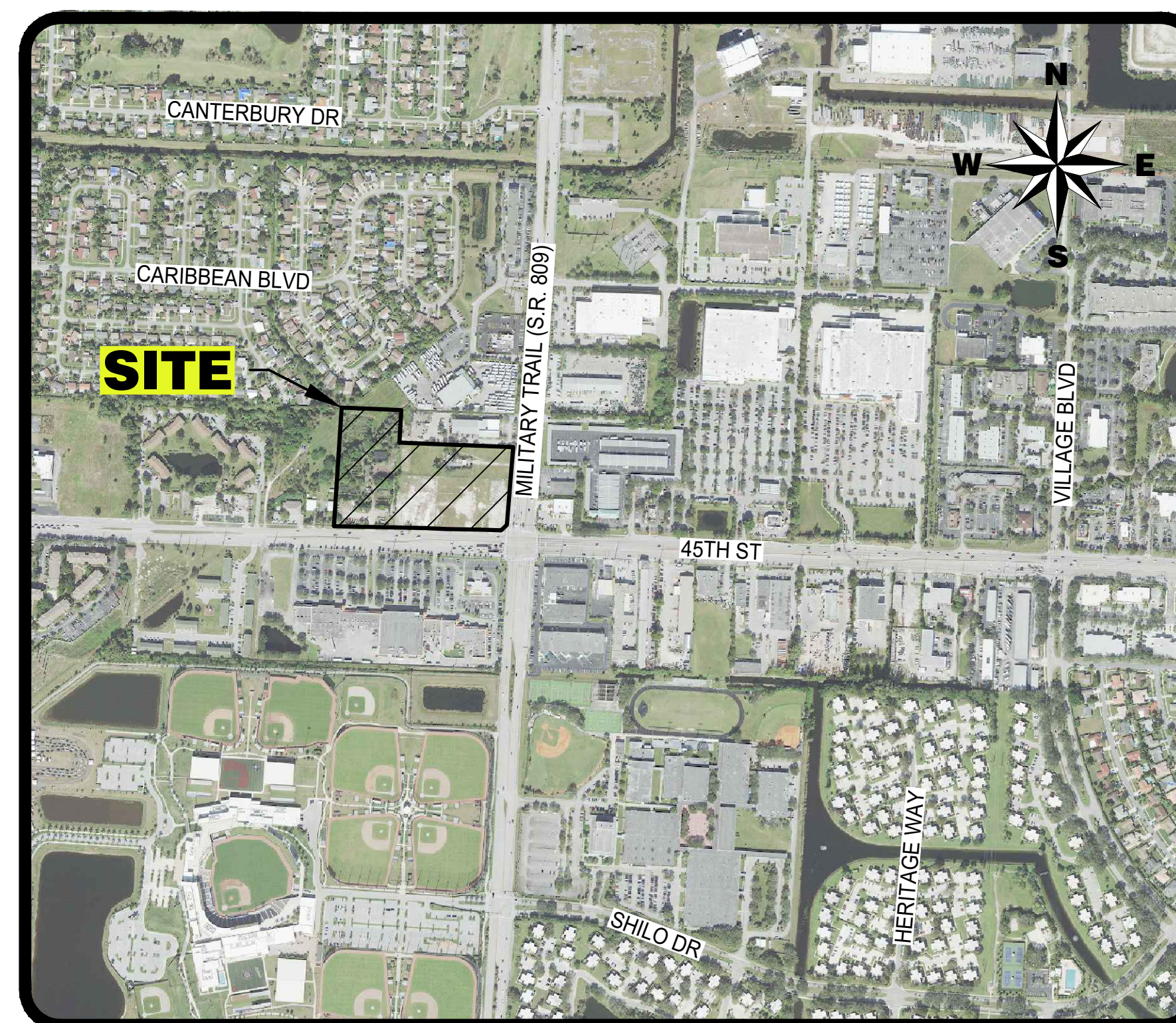
A PORTION OF TRACT B, WEST BOYNTON FARMS, ACCORDING TO THE PLAT THEREOF AS RECORDED IN PLAT BOOK 104, PAGES 9 THROUGH 11 OF THE PUBLIC RECORDS OF PALM BEACH COUNTY, FLORIDA, BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCING AT THE NORTHEAST CORNER OF SAID TRACT B; THENCE S89°02'55"W ALONG THE NORTH LINE OF SAID TRACT B, A DISTANCE OF 1,301.77 FEET; THENCE, DEPARTING SAID NORTH LINE, S00°57'00"E, A DISTANCE OF 137.51 FEET TO THE POINT OF BEGINNING; SAID POINT ALSO BEING THE BEGINNING OF A CURVE TO THE RIGHT, OF WHICH THE RADIUS POINT LIES S36°15'24"E, A RADIAL DISTANCE OF 55.43 FEET; THENCE EASTERLY ALONG THE ARC, THROUGH A CENTRAL ANGLE OF 27°35'14", A DISTANCE OF 26.69 FEET; THENCE N89°02'59"E, A DISTANCE OF 157.54 FEET TO A POINT OF CURVE TO THE RIGHT HAVING A RADIUS OF 22.00 FEET AND A CENTRAL ANGLE OF 91°00'42"; THENCE SOUTHEASTERLY ALONG THE ARC A DISTANCE OF 34.95 FEET; THENCE S00°03'41"W, A DISTANCE OF 67.61 FEET; THENCE S00°38'01"E, A DISTANCE OF 89.26 FEET TO A POINT OF CURVATURE TO THE LEFT HAVING A RADIUS OF 22.00 FEET AND A CENTRAL ANGLE OF 08°02'29"; THENCE SOUTHERLY ALONG THE ARC A DISTANCE OF 2.32 FEET; THENCE S06°40'31"E, A DISTANCE OF 85.03 FEET; THENCE S00°50'29"E, A DISTANCE OF 77.24 FEET TO A POINT OF CURVE TO THE LEFT HAVING A RADIUS OF 48.50 FEET AND A CENTRAL ANGLE OF 25°58'16"; THENCE SOUTHERLY ALONG THE ARC A DISTANCE OF 21.98 FEET; THENCE S89°02'44"W, A DISTANCE OF 187.61 FEET; THENCE N46°02'51"W, A DISTANCE OF 56.66 FEET; THENCE N00°57'00"W, A DISTANCE OF 6.23 FEET; THENCE N12°32'51"E, A DISTANCE OF 51.41 FEET; THENCE N00°57'00"W, A DISTANCE OF 258.76 FEET TO THE POINT OF BEGINNING.

SAID LANDS SITUATE IN BOYNTON BEACH, PALM BEACH COUNTY, FLORIDA,
CONTAINING A TOTAL OF 75,053 SQUARE FEET/1.723 ACRES MORE OR LESS.

SITE DATA TABLE:

WAWA STORE:	5401
WAWA CONTACT:	MARK HAMILTON
BUILDING TYPE:	F85 L
CANOPY TYPE:	SLOPED
CANOPY CONFIGURATION:	DOUBLE STACKED
No. OF MPD's:	-
TYPE OF MPD's:	-
No. OF PARKING SPACES:	-
No. OF HANDICAP SPACES:	-
No. OF TRUCK/OVERSIDED PARKING:	0
SQUARE FT. OF ASPHALT INSIDE OF ROW:	-
SQUARE FT. OF LAWN AREA:	-
SQUARE FT. OF MULCH AREA:	0



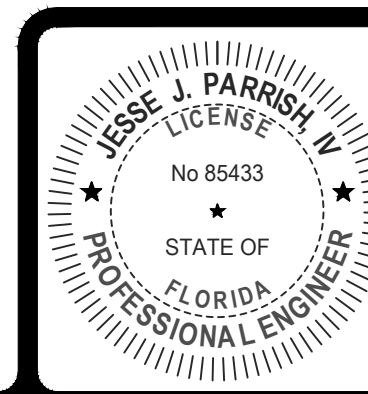
LOCATION MAP
NOT TO SCALE

F.D.O.T. PERMIT #21-A-496-0002-93150
MILITARY TRAIL (S.R. 809) SPEED LIMIT = 45 M.P.H.

NOTE:
ALL MATERIALS AND CONSTRUCTION WITHIN THE F.D.O.T. RIGHT-OF-WAY SHALL CONFORM TO THE F.D.O.T. DESIGN STANDARDS FY 2021-22 AND JANUARY 2021 STANDARD SPECIFICATIONS PER ROAD AND BRIDGE CONSTRUCTION.

INDEX OF SHEETS

SHEET NO.:	DESCRIPTION:
1	TITLE SHEET
2	GENERAL NOTES
3	DEMOLITION PLAN
4	MASTER PLAN
5	SITE LAYOUT PLAN
6-9	PAVING AND DRAINAGE PLANS
10-10A	OFF-SITE IMPROVEMENT PLAN
11	VEHICULAR MOVEMENT PLAN
12	WORK RESPONSIBILITY PLAN
13	A.D.A. ACCESSIBILITY PLAN
14-17	PAVING AND DRAINAGE DETAILS
18	POLLUTION PREVENTION PLAN
19-21	WATER AND WASTEWATER PLAN
22	SANITARY SEWER PROFILE
23	LIFT STATION DETAILS
24-26	WATER AND WASTEWATER DETAILS



JESSE J. PARRISH, IV, P.E., STATE OF FLORIDA,
PROFESSIONAL ENGINEER, LICENSE NO. 85433

THIS ITEM HAS BEEN ELECTRONICALLY SIGNED AND SEALED BY JESSE J. PARRISH, IV, P.E. ON 1/7/2022 USING A SHA-1 AUTHENTICATION CODE.

PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND THE SHA-1 AUTHENTICATION CODE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.

1.) ADDED SPEED LIMIT & FDOT PERMIT NO. PER FDOT, 03/22/21 B.L.

REVISIONS

SIMMONS & WHITE
ENGINEERING | PLANNING | CONSULTING | SINCE 1982
2581 Metrocentre Blvd West • Suite 3 • West Palm Beach, Florida 33407 • (561) 478-7848

DESIGN C.B.	DRAWN B.L.	CHECKED	APPROVED	DATE
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PRIME CORNER -- PHASE 1
SECTION 01, TOWNSHIP 43S., RANGE 42E.
CITY OF WEST PALM BEACH, FLORIDA
TITLE SHEET

JOB NO. 18-154	DRAWING NO. 18154S01	SHEET 1	OF 26
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GENERAL NOTES:

1. NOTIFY ENGINEER OF IN-FIELD CONFLICTS OR DESIGN DISCREPANCIES PRIOR TO COMMENCEMENT OF WORK.
2. EXISTING WATER, SEWER AND DRAINAGE SYSTEMS ARE REPRESENTED AS DASHED LINES AND SHALL BE VERIFIED BY CONTRACTOR.
3. CONTRACTOR SHALL PROTECT ALL UTILITIES AND PUBLIC IMPROVEMENTS AND SHALL BE RESPONSIBLE FOR ALL DAMAGES CAUSED DURING CONSTRUCTION AND SHALL REPAIR SAID DAMAGES AT HIS EXPENSE. CONTRACTOR TO RESTORE ALL AREAS DISTURBED DURING CONSTRUCTION TO ORIGINAL OR BETTER CONDITION.
4. SUPPORT OR THE RELOCATION OF EXISTING STREET LIGHT POLES, POWER OR TELEPHONE POLES, EXISTING UTILITIES, IRRIGATION SYSTEMS, SIDEWALKS, WALLS, ETC. NECESSARY FOR COMPLETION OF THIS WORK ARE THE RESPONSIBILITY OF THE CONTRACTOR AT HIS EXPENSE.
5. INFORMATION SHOWN ON THESE DRAWINGS AS TO THE LOCATION OF EXISTING UTILITIES HAS BEEN PREPARED FROM THE MOST RELIABLE DATA AVAILABLE TO THE ENGINEER. THIS INFORMATION IS NOT BE GUARANTEED, HOWEVER, AND IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE LOCATION, CHARACTER AND DEPTH OF ANY EXISTING UTILITIES. ALL "AS-BUILT" INFORMATION INCLUDING LOCATION AND ELEVATION OF UTILITY STUB-OUTS TO BE FIELD VERIFIED BY CONTRACTOR PRIOR TO COMMENCEMENT OF CONSTRUCTION OR ORDERING OF STRUCTURES. NOTIFY ENGINEER OF DISCREPANCIES/CONFLICTS.
6. REFER TO ARCHITECTURAL DRAWINGS FOR DETAILS CONCERNING SIDEWALKS, RAMPS, STRIPING AND SIGNAGE, LIGHTING AND ELECTRICAL CONDUIT, ETC.
7. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS WITH ARCHITECTURAL PLANS AND NOTIFY THE ENGINEER OF ANY DEVIATIONS PRIOR TO COMMENCING CONSTRUCTION.
8. SIDEWALKS TO BE FLUSH WITH YARD AREAS UNLESS OTHERWISE NOTED.
9. ALL DRAINAGE CONSTRUCTION SHALL CONFORM TO FLORIDA DEPT. OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION (LATEST EDITION) AND PALM BEACH COUNTY REQUIREMENTS.
10. GRADE ALL PAVEMENT AREAS TO CATCH BASINS. CONTRACTOR TO NOTIFY ENGINEER IF IN-FIELD CONDITIONS CHANGE, ARCHITECTURAL DETAILS WILL CREATE CONFLICTS WITH DRAINAGE DESIGN SHOWN, POTENTIAL EROSION PROBLEMS ARISE OR STANDING WATER OCCURS.
11. ALL ELEVATIONS SHOWN HEREON REFER TO N.A.V.D. TOPOGRAPHIC AND BOUNDARY SURVEY PROVIDED BY LIDBERG LAND SURVEYING, INC. (561) 746-8454.
12. ALL DRAINAGE PIPE SHOWN AS R.C.P. SHALL BE REINFORCED CONCRETE PIPE CLASS III, WALL "B" AND CONFORMING TO FLORIDA DEPT. OF TRANSPORTATION SPECIFICATIONS.
13. CONTRACTOR SHALL PROVIDE ADEQUATE EQUIPMENT FOR THE REMOVAL OF STORM, SURFACE AND/OR SUBSURFACE WATER WHICH MAY ACCUMULATE IN THE EXCAVATION AREAS SO THAT IT WILL BE SUITABLY DRY FOR WORK REQUIRED.
14. NO OFF-SITE DISCHARGE FROM DEWATERING OPERATIONS SHALL BE PERMITTED UNLESS THE CONTRACTOR SECURES WRITTEN PERMISSION FROM THE GOVERNING AUTHORITIES.
15. ALL SUB-BASE UNDER ROADWAYS, PARKING LOTS, CURBS, ETC. SHALL BE COMPACTED TO NOT LESS THAN 98% OF MAXIMUM DENSITY AS DETERMINED BY A.A.S.H.T.O. T-180 PROCTOR.
16. WHERE ENCOUNTERED (OR SPECIFIED IN THE GEOTECHNICAL REPORT), MUCK/UNSUITABLE MATERIALS SHALL BE COMPLETELY REMOVED FROM PROPOSED PAVING AND BUILDING AREAS 10 FEET BEYOND THE EDGE OF PAVEMENT/BUILDING PAD EACH SIDE.
17. CONTRACTOR TO PROVIDE TEST REPORTS FROM AN INDEPENDENT LABORATORY FOR PROCTORS AND DENSITIES ON BASE, SUBGRADE AND PIPE BACKFILL.
18. CONTRACTOR IS RESPONSIBLE FOR PROVIDING COMPLETE PAVING AND DRAINAGE, WATER AND SEWER CONSTRUCTION RECORD INFORMATION TO THE ENGINEER.
19. CONTRACTOR SHALL ARRANGE FOR THE ENGINEER TO OBSERVE:
 - A. STORM SEWER AFTER GROUTING AND WHEN BACKFILL IS COMPLETED TO THE MIDPOINT OF THE PIPE.
 - B. STRINGLINING OF SUBGRADE.
 - C. STRINGLINING/BOARDING OF BASE.
20. THE CONTRACTOR SHALL FILL AND FINE GRADE ALL PLANTING AREAS, LEAVING THE FINISHED GRADE SMOOTH AND READY TO RECEIVE SOD OR OTHER PLANTING MATERIAL. WHERE SOD IS DESIRED, THE FINISHED GRADES SHALL BE TWO (2) INCHES LOWER TO ALLOW FOR THICKNESS OF THE GRASS. SPECIAL ATTENTION SHALL BE GIVEN ALONG EDGE OF PAVEMENT AND SIDEWALKS SO AS NOT TO TRAP WATER.
21. ANY SHELLROCK OR LIMEROCK PAVING BASE INSTALLED WITHIN PLANTING AREAS SHALL BE REMOVED IN ITS ENTIRETY PRIOR TO PLACING PLANTER AREA FILL.
22. ALL SWALE, RIGHT OF WAY AREAS AND YARD AREAS SHALL BE GRADED AND SEEDED OR SODDED IN ACCORDANCE WITH GOVERNING AGENCY STANDARDS. NO AREAS SHALL BE LEFT BARREN OR SUBJECT TO EROSION.
23. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO ADHERE TO ALL O.S.H.A. RULES AND FLORIDA LAWS RELATED TO TRENCH SAFETY.
24. CONTRACTOR SHALL ENSURE NO SEDIMENT OR DEBRIS LEAVES THE SITE DURING CONSTRUCTION IN ACCORDANCE WITH N.P.D.E.S. REQUIREMENTS (SILT FENCE, HAY BALES OR SOD APRONS AT INLETS, WASH ROCK EXIT, ETC. MAY BE REQUIRED TO MEET SAID REQUIREMENTS). CONTRACTOR SHALL BE RESPONSIBLE FOR THE PREPARATION, IMPLEMENTATION AND CERTIFICATION OF ALL N.P.D.E.S. POLLUTION PREVENTION RELATED MEASURES (i.e. FILING OF AN N.O.I. POLLUTION PREVENTION PLAN MONITORING REPORTS, ETC.)
25. CONTRACTOR SHALL REFER TO LANDSCAPE PLANS FOR PLANTING AND BERMING REQUIREMENTS AND NOTIFY ENGINEER OF ANY CONFLICTS WITH THIS PLAN.
26. CONTRACTOR SHALL CONTACT PALM BEACH COUNTY TRAFFIC OPERATIONS AT (561) 233-3900) 48 HOURS PRIOR TO CONSTRUCTION, IF ANY WORK IS BEING DONE WITHIN 10 FEET OF A SIGNALIZED INTERSECTION.
27. ANY DAMAGE TO PBC-TRAFFIC I.T.S. FACILITIES CAUSED BY CONSTRUCTION OF THIS PROJECT MUST BE REPAIRED OR REPLACED TO ORIGINAL OR BETTER CONDITION BY THE PERMITEE AT NO COST TO PALM BEACH COUNTY.
28. PALM BEACH COUNTY (PBC) RESERVES THE RIGHT TO DETERMINE IF DAMAGED PBC FACILITIES WILL BE REPAIRED OR REPLACED.
29. DRAINAGE AND UTILITY INSTALLATION WITHIN WELLFIELD ZONES SHALL BE INSTALLED IN ACCORDANCE WITH PBC LAND DEVELOPMENT CODE ARTICLE 14.B., AND PBC HEALTH DEPARTMENT MINIMUM REQUIREMENTS.

DENSITY TESTING REQUIREMENTS:

- A. PIPE TRENCHES SHALL BE TESTED AT RANDOMLY SELECTED LOCATIONS ALONG THE LENGTH OF EACH PIPE RUN WITHIN EACH 300' INTERVAL (MAXIMUM) AND BETWEEN EACH SET OF TWO STRUCTURES IF A PIPE RUN SEPARATING THE TWO IS LESS THAN 300' IN LENGTH.
- B. ALL PIPE AND STRUCTURE TRENCHES SHALL BE BACKFILLED USING A MAX. OF 12" LIFTS. ALL BACKFILL MATERIAL SHALL BE CLEAN, DRY STRUCTURAL FILL, WITH NO DELETERIOUS OR ORGANIC MATERIAL PRESENT.
- C. AT LEAST ONE TEST SHALL BE PERFORMED FOR EVERY 12" OF DEPTH, STARTING AT THE SPRINGLINE OF THE PIPE, COVERING THE 12" LAYER BELOW THE SPRINGLINE OF THE PIPE.
- D. TESTS SHALL BE PERFORMED AT EVERY STRUCTURE BEGINNING AT THE BASE OF THE STRUCTURE (COVERING THE 12" BELOW THE BASE OF THE STRUCTURE) WITH ONE TEST FOR EVERY 12" LIFT. TESTS SHALL ALTERNATE FROM CORNER TO CORNER OR FROM SIDE TO SIDE AROUND THE STRUCTURE WITH EACH 12" LIFT.
- E. ALL DENSITY TESTS SHALL BE SIGNED AND SEALED BY A REGISTERED PROFESSIONAL GEOTECHNICAL ENGINEER, LICENSED IN THE STATE OF FLORIDA.

NOTE: ALL TESTS AND LOCATIONS ARE SUBJECT TO REVIEW BY REPRESENTATIVES OF OUR OFFICE AND ADDITIONAL TESTS MAY BE REQUIRED BASED ON FIELD OBSERVATIONS OF CONSTRUCTION TECHNIQUES OR MATERIALS USED ON SITE.

ADA INSTRUCTIONS TO CONTRACTOR:

CONTRACTORS MUST EXERCISE APPROPRIATE CARE AND PRECISION IN CONSTRUCTION OF ADA (HANDICAP) ACCESSIBLE COMPONENTS AND ACCESS ROUTES FOR THE SITE. THESE COMPONENTS, AS CONSTRUCTED, MUST COMPLY WITH THE CURRENT ADA STANDARDS AND REGULATIONS' BARRIER FREE ACCESS AND ANY MODIFICATIONS, REVISIONS OR UPDATES TO SAME. FINISHED SURFACES ALONG THE ACCESSIBLE ROUTE OF TRAVEL FROM PARKING SPACE, PUBLIC TRANSPORTATION, PEDESTRIAN ACCESS, INTER-BUILDING ACCESS, TO POINTS OF ACCESSIBLE BUILDING ENTRANCE/EXIT, MUST COMPLY WITH THESE ADA CODE REQUIREMENTS. THESE INCLUDE, BUT ARE NOT LIMITED TO THE FOLLOWING:

- PARKING SPACES AND PARKING AISLES – SLOPE SHALL NOT EXCEED 1:50 (1/4" PER FOOT OR NOMINALLY 2.0%) IN ANY DIRECTION.
- CURB RAMPS – SLOPE MUST NOT EXCEED 1:12 (8.3%) FOR A MAXIMUM OF SIX (6) FEET.
- LANDINGS – MUST BE PROVIDED AT EACH END OF RAMPS, MUST PROVIDE POSITIVE DRAINAGE, AND MUST NOT
- EXCEED 1:50 (1/4" PER FOOT OR NOMINALLY 2.0%) IN ANY DIRECTION.
- PATH OF TRAVEL ALONG ACCESSIBLE ROUTE – MUST PROVIDE A 36-INCH OR GREATER UNOBSTRUCTED WIDTH OF TRAVEL (CAR OVERHANGS AND/OR HANDRAILS CANNOT REDUCE THIS MINIMUM WIDTH). THE SLOPE MUST BE NO GREATER THAN 1:20 (5.0%) IN THE DIRECTION OF TRAVEL, AND MUST NOT EXCEED 1:50 (1/4" PER FOOT OR NOMINALLY 2.0%) IN CROSS SLOPE. WHERE PATH OF TRAVEL WILL BE GREATER THAN 1:30 (5.0%), ADA RAMP MUST BE ADHERED TO. A MAXIMUM SLOPE OF 1:12 (8.3%), FOR A MAXIMUM RISE OF 2.5 FEET, MUST BE PROVIDED. THE RAMP MUST HAVE ADA HAND RAILS AND "LEVEL" LANDINGS ON EACH END THAT ARE CROSS SLOPED NO MORE THAN 1:50 IN ANY DIRECTION (1/4" PER FOOT OR NOMINALLY 2.0%) FOR POSITIVE DRAINAGE.
- DOORWAYS – MUST HAVE A "LEVEL" LANDING AREA ON THE EXTERIOR SIDE OF THE DOOR THAT IS SLOPED AWAY FROM THE DOOR NO MORE THAN 1:50 (1/4" PER FOOT OR NOMINALLY 2.0%) FOR POSITIVE DRAINAGE. THIS LANDING AREA MUST BE NO LESS THAN 60 INCHES (5 FEET) LONG, EXCEPT WHERE OTHERWISE PERMITTED BY ADA STANDARDS FOR ALTERNATIVE DOORWAY OPENING CONDITIONS. (SEE ICC/ANSI A117.1-2003 AND OTHER REFERENCED INCORPORATED BY COD.)
- WHEN THE PROPOSED CONSTRUCTION INVOLVES RECONSTRUCTION, MODIFICATION, REVISION OR EXTENSION OF OR TO ADA COMPONENTS FROM EXISTING DOORWAYS OR SURFACES, CONTRACTOR MUST VERIFY EXISTING ELEVATIONS SHOWN ON THE PLAN. NOTE THAT TABLE 405.2 OF THE DEPARTMENT OF JUSTICE'S ADA STANDARDS FOR ACCESSIBLE DESIGN ALLOWS FOR STEEPER RAMP SLOPES, IN RARE CIRCUMSTANCES. THE CONTRACTOR MUST IMMEDIATELY NOTIFY THE DESIGN ENGINEER OF ANY DISCREPANCIES AND/OR FIELD CONDITIONS THAT DIFFER IN ANY WAY OR ANY RESPECT FROM WHAT IS SHOWN ON THE PLANS, IN WRITING, BEFORE COMMENCEMENT OF WORK. CONSTRUCTED IMPROVEMENTS MUST FALL WITHIN THE MAXIMUM AND MINIMUM LIMITATIONS IMPOSED BY THE BARRIER FREE REGULATIONS AND THE ADA REQUIREMENTS.
- THE CONTRACTOR MUST VERIFY THE SLOPES OF CONTRACTOR'S FORMS PRIOR TO POURING CONCRETE. IF ANY NON-COMFORMANCE IS OBSERVED OR EXISTS, CONTRACTOR MUST IMMEDIATELY NOTIFY THE ENGINEER PRIOR TO POURING CONCRETE. CONTRACTOR IS RESPONSIBLE FOR ALL COSTS TO REMOVE, REPAIR AND REPLACE NON-COMFORMING CONCRETE.

IT IS STRONGLY RECOMMENDED THAT THE CONTRACTOR REVIEW THE INTENDED CONSTRUCTION WITH THE LOCAL BUILDING CODE PRIOR TO COMMENCEMENT OF CONSTRUCTION.

GENERAL GRADING & UTILITY NOTES:

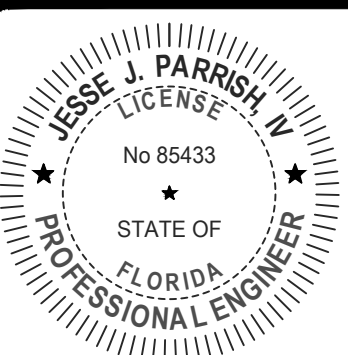
1. LOCATIONS OF ALL EXISTING AND PROPOSED SERVICES ARE APPROXIMATE AND MUST BE INDEPENDENTLY CONFIRMED WITH LOCAL UTILITY COMPANIES PRIOR TO COMMENCEMENT OF ANY CONSTRUCTION OR EXCAVATION. SANITARY SEWER AND ALL OTHER UTILITY SERVICE CONNECTION POINTS MUST BE INDEPENDENTLY CONFIRMED BY THE CONTRACTOR IN THE FIELD PRIOR TO THE COMMENCEMENT OF CONSTRUCTION. ALL DISCREPANCIES MUST IMMEDIATELY BE REPORTED, IN WRITING, TO THE ENGINEER. CONSTRUCTION MUST COMMENCE BEGINNING AT THE LOWEST INVERT (POINT OF CONNECTION) AND PROGRESS UP GRADIENT. PROPOSED INTERFACE POINTS (CROSSINGS) WITH EXISTING UNDERGROUND UTILITIES SHALL BE FIELD VERIFIED BY TEST PIT PRIOR TO COMMENCEMENT OF CONSTRUCTION.
2. CONTRACTOR MUST VERTICALLY AND HORIZONTALLY LOCATE ALL UTILITIES AND SERVICES INCLUDING, BUT NOT LIMITED TO, GAS, WATER, ELECTRIC, SANITARY AND STORM SEWER, TELEPHONE, CABLE, FIBER OPTIC CABLE, ETC. WITHIN THE LIMITS OF DISTURBANCE OR WORK SPACE, WHICHEVER IS GREATER. THE CONTRACTOR MUST USE, REFER TO, AND COMPLY WITH THE REQUIREMENTS OF THE APPLICABLE UTILITY NOTIFICATION SYSTEM TO LOCATE ALL THE UNDERGROUND UTILITIES. THE CONTRACTOR IS RESPONSIBLE FOR REPAIRING ALL DAMAGE TO ANY EXISTING UTILITIES DURING CONSTRUCTION, AT NO COST TO THE OWNER. CONTRACTOR SHALL BEAR ALL COSTS ASSOCIATED WITH DAMAGE TO ANY EXISTING UTILITIES DURING CONSTRUCTION.
3. IT IS THE CONTRACTOR'S RESPONSIBILITY TO REVIEW ALL CONSTRUCTION CONTRACT DOCUMENTS INCLUDING, BUT NOT LIMITED TO, ALL OF THE DRAWINGS AND SPECIFICATIONS ASSOCIATED WITH THE PROJECT WORK SCOPE PRIOR TO THE INITIATION AND COMMENCEMENT OF CONSTRUCTION. SHOULD THE CONTRACTOR FIND A CONFLICT AND/OR DISCREPANCY BETWEEN THE DOCUMENTS RELATIVE TO THE SPECIFICATIONS OR THE RELATIVE OR APPLICABLE CODES, REGULATIONS, LAWS, RULES, STATUTES AND/OR ORDINANCES, IT IS THE CONTRACTOR'S SOLE RESPONSIBILITY TO NOTIFY THE PROJECT ENGINEER OF RECORD, IN WRITING, OF SAID CONFLICT AND/OR DISCREPANCY PRIOR TO THE START OF CONSTRUCTION. CONTRACTOR'S FAILURE TO NOTIFY THE PROJECT ENGINEER SHALL CONSTITUTE CONTRACTOR'S FULL AND COMPLETE ACCEPTANCE OF ALL RESPONSIBILITY TO COMPLETE THE SCOPE OF WORK AS DEFINED BY THE DRAWINGS AND IN FULL COMPLIANCE WITH ALL FEDERAL, STATE AND LOCAL REGULATIONS, LAWS, STATUTES, ORDINANCES AND CODES AND, FURTHER, CONTRACTOR SHALL BE RESPONSIBLE FOR ALL COSTS ASSOCIATED WITH SAME.
4. THE CONTRACTOR MUST LOCATE AND CLEARLY AND UNAMBIGUOUSLY DEFINE VERTICALLY AND HORIZONTALLY ALL ACTIVE AND INACTIVE UTILITY AND/OR SERVICE SYSTEMS THAT ARE TO BE REMOVED. THE CONTRACTOR IS RESPONSIBLE TO PROTECT AND MAINTAIN ALL ACTIVE AND INACTIVE SYSTEMS THAT ARE NOT BEING REMOVED/RELOCATED DURING SITE ACTIVITY.
5. THE CONTRACTOR MUST FAMILIARIZE ITSELF WITH THE APPLICABLE UTILITY SERVICE PROVIDER REQUIREMENTS AND IS RESPONSIBLE FOR ALL COORDINATION REGARDING UTILITY DEMOLITION AS IDENTIFIED OR REQUIRED FOR THE PROJECT. THE CONTRACTOR MUST PROVIDE THE OWNER WITH WRITTEN NOTIFICATION THAT THE EXISTING UTILITIES AND SERVICES HAVE BEEN TERMINATED AND ABANDONED IN ACCORDANCE WITH THE JURISDICTION AND UTILITY COMPANY REQUIREMENTS AND ALL OTHER APPLICABLE REQUIREMENTS, RULES, STATUTES, LAWS, ORDINANCES AND CODES.
6. THE CONTRACTOR MUST INSTALL ALL STORM SEWER AND SANITARY SEWER COMPONENTS WHICH FUNCTION BY GRAVITY PRIOR TO THE INSTALLATION OF ALL OTHER UTILITIES.

7. CONTRACTOR IS RESPONSIBLE FOR COORDINATION OF SITE PLAN DOCUMENTS AND ARCHITECTURAL DESIGN FOR EXACT BUILDING UTILITY CONNECTION LOCATIONS, GREASE TRAP REQUIREMENTS/DETAILS, DOOR ACCESS, AND EXTERIOR GRADING. THE ARCHITECT WILL DETERMINE THE UTILITY SERVICE SIZES. THE CONTRACTOR MUST COORDINATE INSTALLATION OF UTILITIES/SERVICES WITH THE INDIVIDUAL COMPANIES, TO AVOID CONFLICTS AND TO ENSURE THAT PROPER DEPTHS ARE ACHIEVED. THE CONTRACTOR IS RESPONSIBLE FOR ENSURING THAT INSTALLATION OF ALL IMPROVEMENTS COMPLIES WITH ALL UTILITY REQUIREMENTS WITH JURISDICTION AND/OR CONTROL OF THE SITE, AND ALL OTHER APPLICABLE REQUIREMENTS, RULES, STATUTES, LAWS, ORDINANCES AND CODES AND, FURTHER, IS RESPONSIBLE FOR COORDINATING THE UTILITY TIE-INS/CONNECTIONS PRIOR TO CONNECTING TO THE EXISTING UTILITY/SERVICE. WHERE A CONFLICT(S) EXISTS BETWEEN THESE SITE PLANS AND THE ARCHITECTURAL PLANS, OR WHERE ARCHITECTURAL PLAN UTILITY CONNECTION POINTS DIFFER, THE CONTRACTOR MUST IMMEDIATELY NOTIFY THE ENGINEER, IN WRITING, AND PRIOR TO CONSTRUCTION, RESOLVE SAME.
8. WATER SERVICE MATERIALS, BURIAL DEPTH, AND COVER REQUIREMENTS MUST BE SPECIFIED BY THE LOCAL UTILITY COMPANY. CONTRACTOR'S PRICE FOR WATER SERVICE MUST INCLUDE ALL FEES, COSTS AND APPURTENANCES REQUIRED BY THE UTILITY TO PROVIDE FULL AND COMPLETE WORKING SERVICE. CONTRACTOR MUST CONTACT THE APPLICABLE MUNICIPALITY TO CONFIRM THE PROPER WATER METER AND VAULT, PRIOR TO COMMENCING CONSTRUCTION.
9. ALL NEW UTILITIES/SERVICES, INCLUDING ELECTRIC, TELEPHONE, CABLE TV, ETC. ARE TO BE INSTALLED UNDERGROUND. ALL NEW UTILITIES/SERVICES MUST BE INSTALLED IN ACCORDANCE WITH THE UTILITY/SERVICE PROVIDER INSTALLATION SPECIFICATIONS AND STANDARDS.
10. SITE GRADING MUST BE PERFORMED IN ACCORDANCE WITH THESE PLANS AND SPECIFICATIONS AND THE RECOMMENDATIONS SET FORTH IN THE GEOTECHNICAL REPORT REFERENCED IN THIS PLAN SET. THE CONTRACTOR IS RESPONSIBLE FOR REMOVING AND REPLACING UNSUITABLE MATERIALS WITH SUITABLE MATERIALS AS SPECIFIED IN THE GEOTECHNICAL REPORT. ALL EXCAVATED OR FILLED AREAS MUST BE COMPACTED AS OUTLINED IN THE GEOTECHNICAL REPORT. MOISTURE REPORT CONTENT AT TIME OF PLACEMENT MUST BE SUBMITTED IN A COMPACTION REPORT PREPARED BY A QUALIFIED GEOTECHNICAL ENGINEER, REGISTERED WITH THE STATE WHERE THE WORK IS PERFORMED, VERIFYING THAT ALL FILLED AREAS AND SUBGRADE AREAS WITHIN THE BUILDING PAD AREA AND AREAS TO BE PAVED HAVE BEEN COMPACTED IN ACCORDANCE WITH THESE PLANS, SPECIFICATIONS AND THE RECOMMENDATIONS SET FORTH IN THE GEOTECHNICAL REPORT AND ALL APPLICABLE REQUIREMENTS, RULES, STATUTES, LAWS, ORDINANCES, AND CODES. SUBBASE MATERIAL FOR SIDEWALKS, CURB OR ASPHALT MUST BE FREE OF ORGANICS AND OTHER UNSUITABLE MATERIALS. SHOULD SUBBASE BE DEEMED UNSUITABLE BY OWNER/DEVELOPER, OR OWNER/DEVELOPERS REPRESENTATIVE, SUBBASE IS TO BE REMOVED AND FILLED WITH APPROVED MATERIAL COMPACTED AS DIRECTED BY THE GEOTECHNICAL REPORT. EARTHWORK ACTIVITIES INCLUDING, BUT NOT LIMITED TO, EXCAVATION BACKFILL, AND COMPACTING MUST COMPLY WITH THE RECOMMENDATIONS IN THE GEOTECHNICAL REPORT AND ALL APPLICABLE REQUIREMENTS, RULES, STATUTES, LAWS, ORDINANCES AND CODES. EARTHWORK ACTIVITIES MUST COMPLY WITH THE STANDARD STATE DOT SPECIFICATIONS FOR ROADWAY CONSTRUCTION (LATEST EDITION) AND ANY AMENDMENTS OR REVISIONS THERETO.
11. ALL FILL, COMPACTION, AND BACKFILL MATERIALS REQUIRED FOR UTILITY INSTALLATION MUST BE AS PER THE RECOMMENDATIONS PROVIDED IN THE GEOTECHNICAL REPORT AND MUST BE COORDINATED WITH THE APPLICABLE UTILITY COMPANY SPECIFICATIONS. WHEN THE PROJECT DOES NOT HAVE GEOTECHNICAL RECOMMENDATIONS, FILL AND COMPACTION MUST, AT A MINIMUM, COMPLY WITH THE STATE DOT REQUIREMENTS AND SPECIFICATIONS AND CONSULTANT SHALL HAVE NO LIABILITY OR RESPONSIBILITY FOR OR AS RELATED TO FILL, COMPACTION AND BACKFILL. FURTHER, CONTRACTOR IS FULLY RESPONSIBLE FOR EARTHWORK BALANCE.
12. THE CONTRACTOR MUST COMPLY, TO THE FULLEST EXTENT, WITH THE LATEST OSHA STANDARDS AND REGULATIONS, AND/OR ANY OTHER AGENCY WITH JURISDICTION FOR EXCAVATION AND TRENCHING PROCEDURES. THE CONTRACTOR IS RESPONSIBLE FOR DETERMINING THE "MEANS AND METHODS" REQUIRED TO MEET THE INTENT AND PERFORMANCE CRITERIA OF OSHA, AS WELL AS ANY OTHER ENTITY THAT HAS JURISDICTION FOR EXCAVATION AND/OR TRENCHING PROCEDURES AND CONSULTANT SHALL HAVE NO RESPONSIBILITY FOR OR AS RELATED FOR OR AS RELATED TO EXCAVATION AND TRENCHING PROCEDURES.
13. PAVEMENT MUST BE SAW CUT IN STRAIGHT LINES, AND EXCEPT FOR EDGE OF BUTT JOINTS, MUST EXTEND TO THE FULL DEPTH OF THE EXISTING PAVEMENT. ALL DEBRIS FROM REMOVAL OPERATIONS MUST BE REMOVED FROM THE SITE AT THE TIME OF EXCAVATION. STOCKPILING OF DEBRIS WILL NOT BE PERMITTED.
14. THE TOPS OF EXISTING MANHOLES, INLET STRUCTURES, AND SANITARY CLEANOUT TOPS MUST BE ADJUSTED, AS NECESSARY, TO MATCH PROPOSED GRADES IN ACCORDANCE WITH ALL APPLICABLE STANDARDS, REQUIREMENTS, RULES, STATUTES, LAWS, ORDINANCES AND CODES.
15. DURING THE INSTALLATION OF SANITARY SEWER, STORM SEWER, AND ALL UTILITIES, THE CONTRACTOR MUST MAINTAIN A CONTEMPORANEOUS AND THOROUGH RECORD OF CONSTRUCTION TO IDENTIFY THE AS-INSTALLED LOCATIONS OF ALL UNDERGROUND INFRASTRUCTURE. THE CONTRACTOR MUST CAREFULLY NOTE ANY INSTALLATIONS THAT DEVIATE FROM THE INFORMATION CONTAINED IN THE UTILITY PLAN. THIS RECORD MUST BE KEPT ON A CLEAN COPY OF THE SITE PLAN, WHICH CONTRACTOR MUST PROMPTLY PROVIDE TO THE OWNER AT THE COMPLETION OF WORK.
16. WHEN THE SITE IMPROVEMENT PLANS INVOLVE MULTIPLE BUILDINGS, SOME OF WHICH MAY BE BUILT AT A LATER DATE, THE CONTRACTOR MUST EXTEND ALL LINES, INCLUDING BUT NOT LIMITED TO STORM SEWER, SANITARY SEWER, UTILITIES, AND IRRIGATION LINE, TO A POINT AT LEAST FIVE (5) FEET BEYOND THE PAVED AREAS FOR WHICH THE CONTRACTOR IS RESPONSIBLE. CONTRACTOR MUST CAP ENDS AS APPROPRIATE, MARK LOCATIONS WITH A 2x4, AND MUST NOTE THE LOCATION OF ALL OF THE ABOVE ON A CLEAN COPY OF THE SITE PLAN, WHICH CONTRACTOR MUST PROMPTLY PROVIDE TO THE OWNER UPON COMPLETION OF THE WORK.
17. THE CONTRACTOR IS FULLY RESPONSIBLE FOR VERIFICATION OF EXISTING TOPOGRAPHIC INFORMATION AND UTILITY INVERT ELEVATIONS PRIOR TO COMMENCING ANY CONSTRUCTION. CONTRACTOR MUST CONFIRM AND ENSURE 0.75% MINIMUM SLOPE AGAINST ALL ISLANDS, GUTTERS, AND CURBS; 1.0% ON ALL CONCRETE SURFACES; AND 1.5% MINIMUM ON ASPHALT (EXCEPT WHERE ADA REQUIREMENTS LIMIT GRADES), TO PREVENT PONDING. CONTRACTOR MUST IMMEDIATELY IDENTIFY, IN WRITING TO THE ENGINEER, ANY DISCREPANCIES THAT MAY OR COULD AFFECT THE PUBLIC SAFETY, HEALTH OR GENERAL WELFARE, OR PROJECT COST. IF CONTRACTOR PROCEEDS WITH CONSTRUCTION WITHOUT PROVIDING PROPER NOTIFICATION, MUST BE AT THE CONTRACTOR'S OWN RISK AND, FURTHER, CONTRACTOR SHALL INDEMNIFY, DEFEND AND HOLD HARMLESS THE DESIGN ENGINEER FOR ANY DAMAGES, COSTS, INJURIES, ATTORNEY'S FEES AND THE LIKE WHICH RESULT FROM SAME.
18. PROPOSED TOP OF CURB ELEVATIONS ARE GENERALLY 6" ABOVE EXISTING LOCAL ASPHALT GRADE UNLESS OTHERWISE NOTED. FIELD ADJUST TO CREATE A MINIMUM OF .075% GUTTER GRADE ALONG CURB FACE. IT IS CONTRACTOR'S OBLIGATION TO ENSURE THAT DESIGN ENGINEER APPROVES FINAL CURBING CUT SHEETS PRIOR TO INSTALLATION OF SAME.

19. REFER TO SITE PLAN FOR ADDITIONAL NOTES.
20. IN THE EVENT OF DISCREPANCIES AND/OR CONFLICTS BETWEEN PLANS OR RELATIVE TO OTHER PLANS, THE SITE PLAN WILL TAKE PRECEDENCE AND CONTROL. CONTRACTOR MUST IMMEDIATELY NOTIFY THE DESIGN ENGINEER, IN WRITING, OF ANY DISCREPANCIES AND/OR CONFLICTS.
21. CONTRACTOR MUST BE REQUIRED TO SECURE ALL NECESSARY AND/OR REQUIRED PERMITS AND APPROVALS FOR ALL OFF SITE MATERIAL SOURCES AND DISPOSAL FACILITIES. CONTRACTOR MUST SUPPLY A COPY OF APPROVALS TO ENGINEER AND OWNER PRIOR TO INITIATING WORK ANY WORK.
22. WHERE RETAINING WALLS (WHETHER OR NOT THEY MEET THE JURISDICTIONAL DEFINITION) ARE IDENTIFIED ON PLANS, ELEVATIONS IDENTIFIED ARE FOR THE EXPOSED PORTION OF THE WALL. WALL FOOTINGS/FOUNDATION ELEVATIONS ARE NOT IDENTIFIED HEREIN AND ARE TO BE SET/DETERMINED BY THE CONTRACTOR BASED ON FINAL STRUCTURAL DESIGN SHOP DRAWINGS PREPARED BY THE APPROPRIATE PROFESSIONAL LICENSED IN THE STATE WHERE THE CONSTRUCTION OCCURS
23. STORM DRAINAGE PIPE: UNLESS INDICATED OTHERWISE, ALL STORM SEWER PIPE MUST BE REINFORCED CONCRETE PIPE (RCP) CLASS III WITH SILT TIGHT JOINTS. WHEN HIGH-DENSITY POLYETHYLENE PIPE (HDPE) IS CALLED FOR ON THE PLANS, IT MUST CONFORM TO AASHTO M294 AND TYPE S (SMOOTH INTERIOR WITH ANGULAR CORRUGATIONS) WITH GASKET FOR SILT TIGHT JOINT. PVC PIPE FOR ROOF DRAIN CONNECTION MUST BE SDR 26 OR SCHEDULE 40 UNLESS INDICATED OTHERWISE
24. SANITARY SEWER PIPE MUST BE POLYVINYL CHLORIDE (PVC) SDR 35 EXCEPT WHERE INDICATED OTHERWISE. SANITARY LATERAL MUST BE PVC SCHEDULE 40 OR PVC SDR 26 UNLESS INDICATED, IN WRITING, OTHERWISE.
25. STORMWATER ROOF DRAIN LOCATIONS ARE BASED ON PRELIMINARY ARCHITECTURAL CONTRACTOR IS RESPONSIBLE TO AND FOR VERIFYING LOCATIONS OF SAME BASED ON FINAL ARCHITECTURAL PLANS.
26. WATER MAIN PIPING MUST BE INSTALLED IN ACCORDANCE WITH THE REQUIREMENTS AND SPECIFICATIONS OF THE LOCAL WATER PURVEYOR. IN THE ABSENCE OF SUCH REQUIREMENTS, WATER MAIN PIPING MUST BE CEMENT-LINED DUCTILE IRON (DIP) MINIMUM CLASS 52 THICKNESS. ALL PIPE AND APPURTENANCES MUST COMPLY WITH THE APPLICABLE AWWA STANDARDS IN EFFECT AT THE TIME OF APPLICATION.
27. CONTRACTOR MUST ENSURE THAT ALL UTILITY TRENCHES LOCATED IN EXISTING PAVED ROADWAYS INCLUDING SEWER, WATER AND STORM SYSTEMS, MUST BE REPAIRED IN ACCORDANCE WITH REFERENCED MUNICIPAL, COUNTY AND/OR STATE DOT DETAILS AS APPLICABLE. CONTRACTOR MUST COORDINATE INSPECTION AND APPROVAL OF COMPLETED WORK WITH THE AGENCY WITH JURISDICTION OVER SAME. LOCATION OF PROPOSED UTILITY POLE RELOCATION IS AT THE SOLE DISCRETION OF UTILITY COMPANY.
28. CONSULTANT IS NEITHER LIABLE NOR RESPONSIBLE FOR ANY SUBSURFACE CONDITIONS AND FURTHER, SHALL HAVE NO LIABILITY FOR ANY HAZARDOUS MATERIALS, HAZARDOUS SUBSTANCES, OR POLLUTANTS ON, ABOUT OR UNDER THE PROPERTY.
29. CONTRACTOR SHALL FOLLOW LATEST APPROVED PRODUCT LIST AND CITY OF RIVIERA BEACH UTILITIES MINIMUM ENGINEERING AND CONSTRUCTION STANDARDS.
30. PERMIT IS VALID FOR ONE YEAR FROM DATE OF ISSUE.
31. PERMITEE WILL PROVIDE THE F.D.O.T. WITH CERTIFIED "AS-BUILT" PLANS PRIOR TO FINAL ACCEPTANCE OF THE PERMITTED WORK.

F.D.O.T. GENERAL NOTES:

1. PERMITEE WILL COORDINATE (PRE-CONSTRUCTION MEETING, INSPECTIONS, FINAL ACCEPTANCE OF WORK, ETC) ALL PERMITTED WORK WITH ROSIE EVERT AT 561-370-1139 OR EMAIL ROSIE.EVERT@DOT.STATE.FL.US 48 HOURS PRIOR TO CONSTRUCTION. CERTIFICATION ACCEPTANCE AND FINAL APPROVAL IS CONTINGENT UPON CONFORMITY OF ALL WORK COMPLETED ACCORDING TO THIS PERMIT AND THE RESTORATION OF THE RIGHT OF WAY.
2. THIS PERMIT IS VALID ONLY FOR WORK PROPOSED WITHIN THE D.O.T. RIGHT-OF-WAY. CERTIFICATION ACCEPTANCE AND FINAL APPROVAL IS CONTINGENT UPON CONFORMITY OF ALL WORK COMPLETED ACCORDING TO THIS PERMIT AND THE RESTORATION OF THE RIGHT OF WAY.
3. A STAFF MEMBER OF THE PERMITEE/UAO SHALL ATTEND ALL REQUIRED FDOT FIELD MEETINGS AND/OR INSPECTIONS.
4. ALL MATERIALS AND CONSTRUCTION WITHIN THE FLORIDA DEPARTMENT OF TRANSPORTATION DESIGN (F.D.O.T.) RIGHT-OF-WAY SHALL CONFORM TO THE LATEST VERSION OF FDOT STANDARD PLANS FOR ROAD AND BRIDGE CONSTRUCTION AND LATEST VERSION OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
5. ALL MAINTENANCE OF TRAFFIC M.O.T. FOR THIS PROJECT WILL BE IN COMPLIANCE WITH THE DEPARTMENTS CURRENT EDITION OF THE FDOT STANDARD PLANS FOR ROAD AND BRIDGE CONSTRUCTION INDICES, (102-600 SERIES) AND THE LATEST EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD). THE OPERATIONS ENGINEER OR HIS DESIGNEE RESERVES THE RIGHT TO DIRECT THE REMOVAL/RELOCATION/MODIFICATION OF ANY TRAFFIC DEVICES(S) AT THE PERMITEE'S SOLE EXPENSE. SPECIAL ATTENTION WILL BE GIVEN TO INDICES 102-611, 102-612, 102-613, 102-614, 102-615, 102-616 AND 102-660.
6. ALL THERMOPLASTIC TRAFFIC STRIPES, MARKINGS AND SIGNAGE WILL BE INSTALLED PER THE FDOT STANDARD PLANS FOR ROAD AND BRIDGE CONSTRUCTION.
7. FOR ANY UNDERGROUND WORK, THE CONTRACTOR MUST CONTACT SIGNAL TRAFFIC CONTROL MAINTAINING AGENCY PRIOR TO CONSTRUCTION.
8. PERMITEE MUST OBTAIN FDOT UTILITY PERMIT FOR RELOCATION/INSTALLATION OF UTILITY FACILITIES WITHIN FDOT R/W PRIOR TO COMMENCING PERMITTED WORK. ALSO ENSURE ALL UTILITY WORK PERFORMED WITHIN FDOT R/W OBTAINS PROPER UTILITY PERMITS BY RESPECTIVE UAO'S.
9. IT IS THE PERMITEE'S RESPONSIBILITY TO OBTAIN FINAL ACCEPTANCE OF PERMITTED WORK (COMPLETED) AND THE RESTORATION OF THE RIGHT-OF-WAY FROM THE F.D.O.T. PRIOR TO USAGE.
10. PERMITEE WILL PROVIDE THE NECESSARY DENSITIES IN ACCORDANCE WITH SECTION 125-8 OF THE FDOT STANDARD SPECIFICATIONS FOR ROAD & BRIDGE CONSTRUCTION (LATEST EDITION) PRIOR TO FINAL ACCEPTANCE BY THE F.D.O.T.
11. PERMITEE WILL RESTORE THE RIGHT OF WAY AS A MINIMUM, TO ITS ORIGINAL CONDITION OR BETTER IN ACCORDANCE W/F.D.O.T.'S LATEST STANDARD SPECIFICATIONS FOR ROAD & BRIDGE CONSTRUCTION OR AS DIRECTED BY THE RESIDENT OPERATIONS ENGINEER.
12. DURING THE REMOVAL/INSTALLATION OF ANY CURB AND GUTTER SECTION, THE PERMITEE WILL BE RESPONSIBLE FOR ANY DAMAGE DONE TO THE ABUTTING ASPHALT. THE DAMAGED ASPHALT REPAIR WILL BE IN ACCORDANCE WITH THE CURRENT SPECIFICATIONS AND/OR AS DIRECTED BY THE RESIDENT OPERATIONS ENGINEER.
13. ALL PUBLIC SIDEWALK CURB RAMPS WILL MEET THE FDOT STANDARD PLANS FOR ROAD AND BRIDGE CONSTRUCTION (CURRENT EDITION) INDEX NO. 522-002 CURB/RAMP INSPECTIONS REQUIRED PRIOR TO INSTALLATION OF CONCRETE.
14. PERMITEE SHALL PROVIDE THE PRODUCER'S CERTIFICATION (DELIVERY TICKET) FOR THE NS CONCRETE-2500 PSI (USED FOR SIDEWALK, CURB & GUTTER, DITCH PAVEMENT AND TRAFFIC SEPARATOR) PRIOR TO FINAL ACCEPTANCE BY THE DEPARTMENT. THE DELIVERY TICKET SHALL CERTIFY THE CONCRETE WAS BATCHED, DELIVERED AND PLACED IN ACCORDANCE WITH SECTION 347 OF THE F.D.O.T.'S STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION (CURRENT EDITION).
15. ALL SIGNS INSTALLED SHALL ADHERE TO THE FDOT DESIGN MANUAL (FDM) CHAPTER 215 AND FDOT STANDARD PLANS FOR ROAD AND BRIDGE CONSTRUCTION 700-010 AND 700-101 AND ALL OTHER INDICES FOR SINGLE AND MULTIPLE COLUMN GROUND SIGN.
16. REMOVAL/INSTALLATION OF SIDEWALK WILL BE IN ACCORDANCE WITH STANDARD PLANS FOR ROAD AND BRIDGE CONSTRUCTION INDEX 522-001.
17. SODDED AREAS WILL BE IN ACCORDANCE WITH FDOT STANDARD PLANS FOR ROAD AND BRIDGE CONSTRUCTION INDEX 570-010 AND SECTIONS 162, 981, 982, 983, 987 OF THE F.D.O.T.'S STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, LATEST EDITION. ALL DISTURBED AREAS WILL BE SODDED WITHIN ONE (1) WEEK OF INSTALLATION OF SAID PERMITTED WORK.
18. OWNERSHIP OF ALL SUITABLE EXCAVATED MATERIALS WITHIN THE FDOT R/W, AS DETERMINED BY THE F.D.O.T., SHALL REMAIN IN THE DEPARTMENT UNTIL A FINAL ACCEPTANCE OF THE PERMITTED PROJECT IS FULFILLED. EXCAVATED MATERIALS SHALL BE HAULED BY THE CONTRACTOR, AT THEIR COST & EXPENSE FROM THE SITE TO THE PALM BEACH OPERATIONS CENTER, 7900 W FOREST HILL BLVD OR STOCKPILED IN THOSE AREAS AS DIRECTED BY THE DOT, INCLUDING ASPHALT MILLINGS.
19. RESTRICTED HOURS OF OPERATION FOR LANE CLOSURES WILL BE FROM 9:00AM TO 4:00 PM, (MONDAY-FRIDAY), UNLESS OTHERWISE APPROVED BY THE OPERATIONS ENGINEER, OR DESIGNEE. MOT SHALL BE PICKED UP BY 4:00 PM AND NOT START BEFORE 9:00 AM.
20. PERMITEE'S CONTRACTORS THAT ARE PERFORMING PERMITTED WORK ACTIVITIES SHALL PROVIDE THE F.D.O.T. (PERMIT OFFICE) PROOF OF A PROPER STATE CONTRACTOR'S LICENSE, CERTIFICATE OF LIABILITY INSURANCE AND MOT CERT W/ 24/7 CONTACT # AND EMAIL ATTACHED PRIOR TO ANY COMMENCEMENT OF PERMITTED WORK.
21. PERMIT IS VALID FOR ONE YEAR FROM DATE OF ISSUE.
22. PERMITEE WILL PROVIDE THE DEPARTMENT WITH CERTIFIED "AS-BUILT" PLANS PRIOR TO FINAL ACCEPTANCE OF THE PERMITTED WORK.




JESSE J. PARRISH IV
No 85433
STATE OF FLORIDA
PROFESSIONAL ENGINEER

JESSE J. PARRISH, IV, P.E., STATE OF FLORIDA,
PROFESSIONAL ENGINEER, LICENSE NO. 85433

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1.) ADDED FDOT NOTES, 03/22/21 B.L.



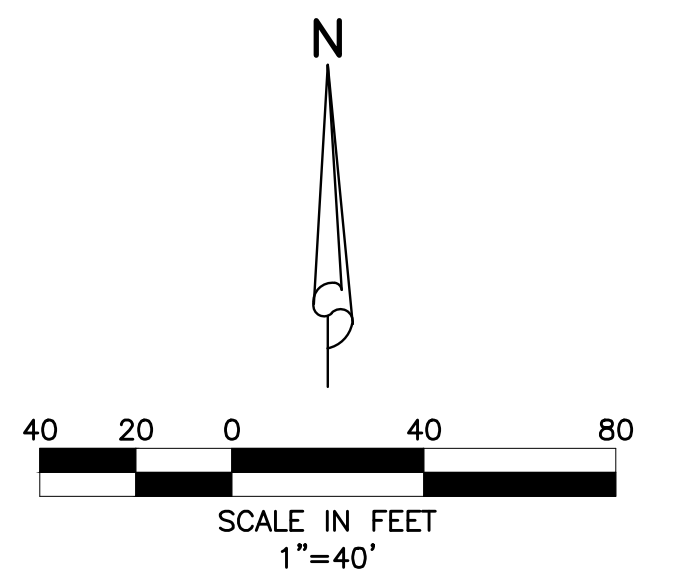
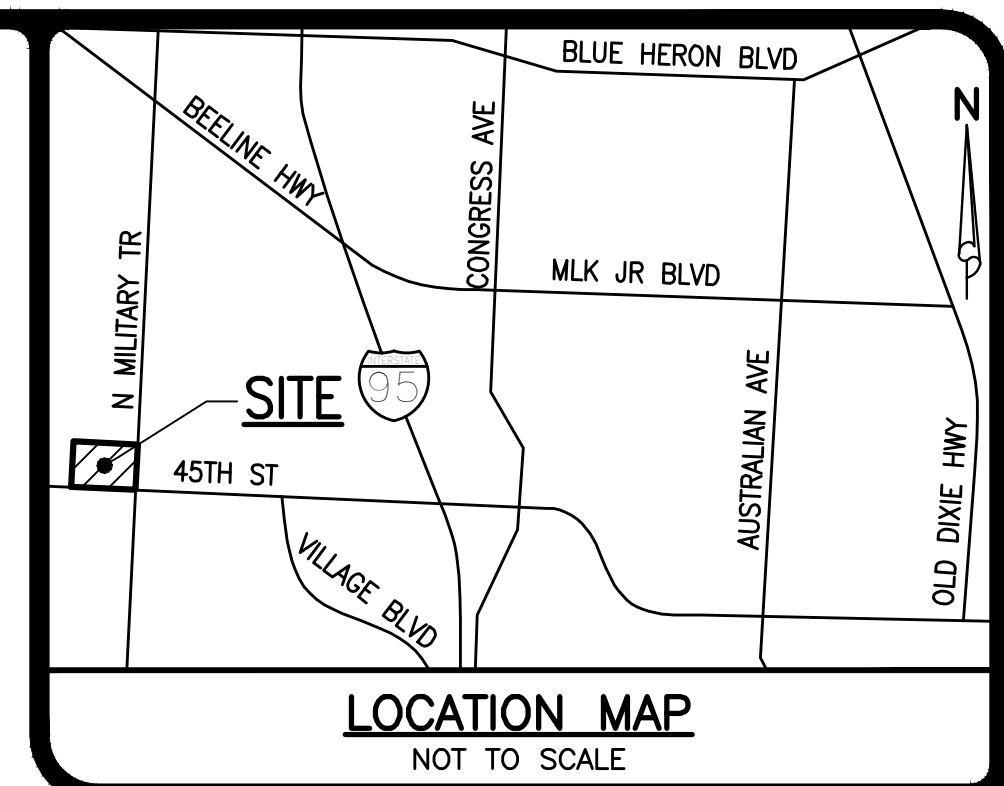
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PRIME CORNER – PHASE 1
SECTION 01, TOWNSHIP 43S., RANGE 42E.
CITY OF WEST PALM BEACH, FLORIDA

GENERAL NOTES

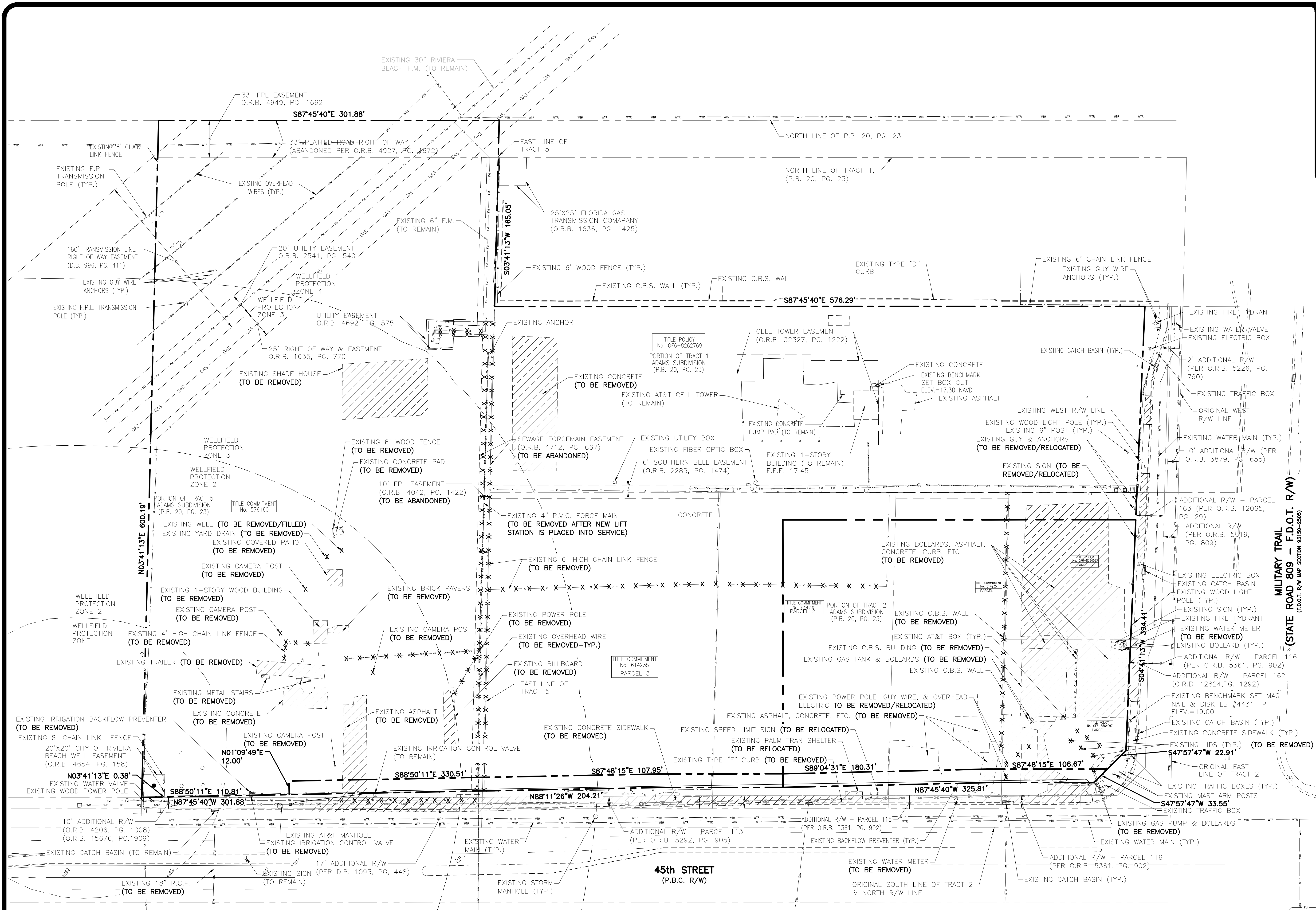
JOB NO. 18-154	DRAWING NO. 18154S02	SHEET 2	OF 26
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LEGEND

- EXISTING GRADE ELEVATION
- SAWCUT, REMOVE, & REPLACE EXISTING PAVEMENT, CONCRETE, CURB, ETC.
- EXISTING OVERHEAD POWER LINE & POWER POLE
- EXISTING OVERHEAD POWER LINE & POWER POLE (TO BE REMOVED)
- EXISTING STORM DRAINAGE PIPE
- EXISTING WATER MAIN
- EXISTING SEWER MAIN
- EXISTING FORCE MAIN
- EXISTING FORCE MAIN (TO BE REMOVED)
- EXISTING FENCE
- EXISTING FENCE (TO BE REMOVED)

NOTE: SEE LANDSCAPE PLAN FOR EXISTING TREE REMOVAL/RELOCATION.



DATUM NOTES:
 1.) ALL ELEVATIONS SHOWN HEREON ARE RELATIVE TO THE NORTH AMERICAN VERTICAL DATUM (N.A.V.D.) OF 1988 BASED ON A SURVEY PREPARED BY LIDBERG LAND SURVEYING, INC. (561) 746-8454.
 2.) AN APPROXIMATE CONVERSION BETWEEN THE NATIONAL GEODETIC VERTICAL DATUM (N.G.V.D.) OF 1929 AND N.A.V.D. CAN BE MADE BY ADDING 1.5' TO THE N.A.V.D. ELEVATION TO OBTAIN THE N.G.V.D. ELEVATION.

48 HOURS BEFORE DIGGING
 BROWARD • PALM BEACH • MIAMI RIVER
 ST. LUCIE • MARTIN COUNTIES
 1-800-432-4770
 SUNSHINE STATE 1 CALL
 UNDERGROUND UTILITIES
 NOTIFICATION CENTER

JESSE J. PARRISH, IV, P.E., STATE OF FLORIDA, PROFESSIONAL ENGINEER, LICENSE NO. 85433

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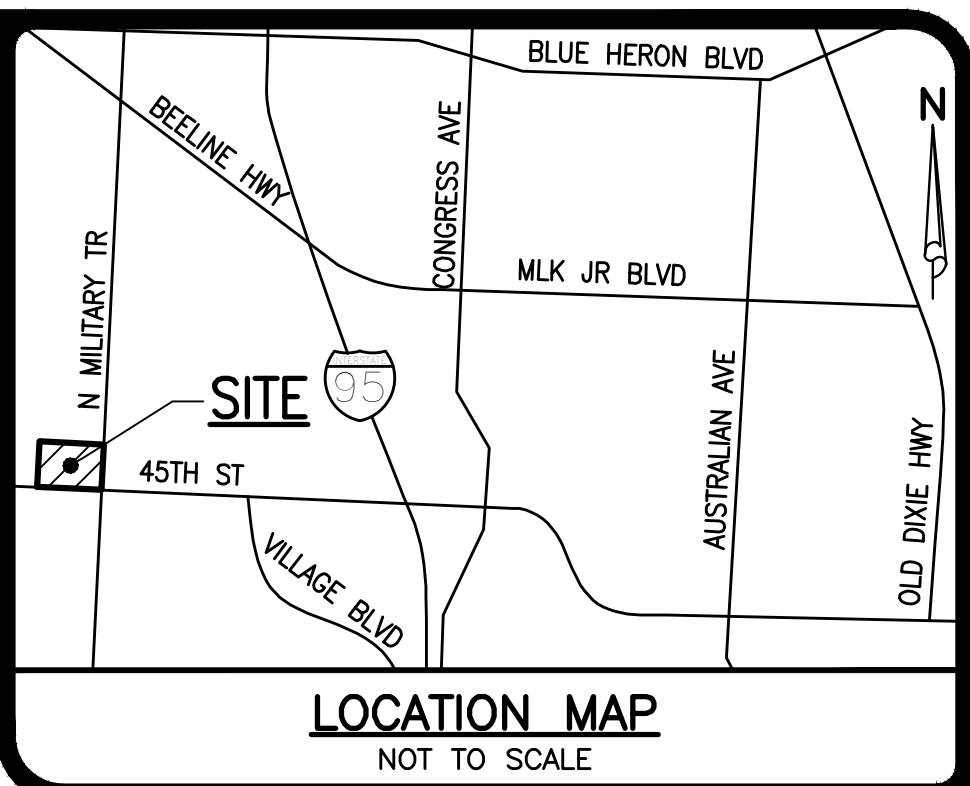
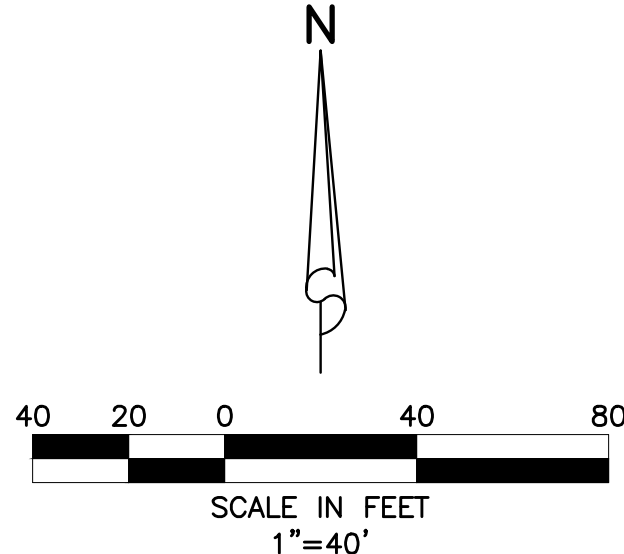
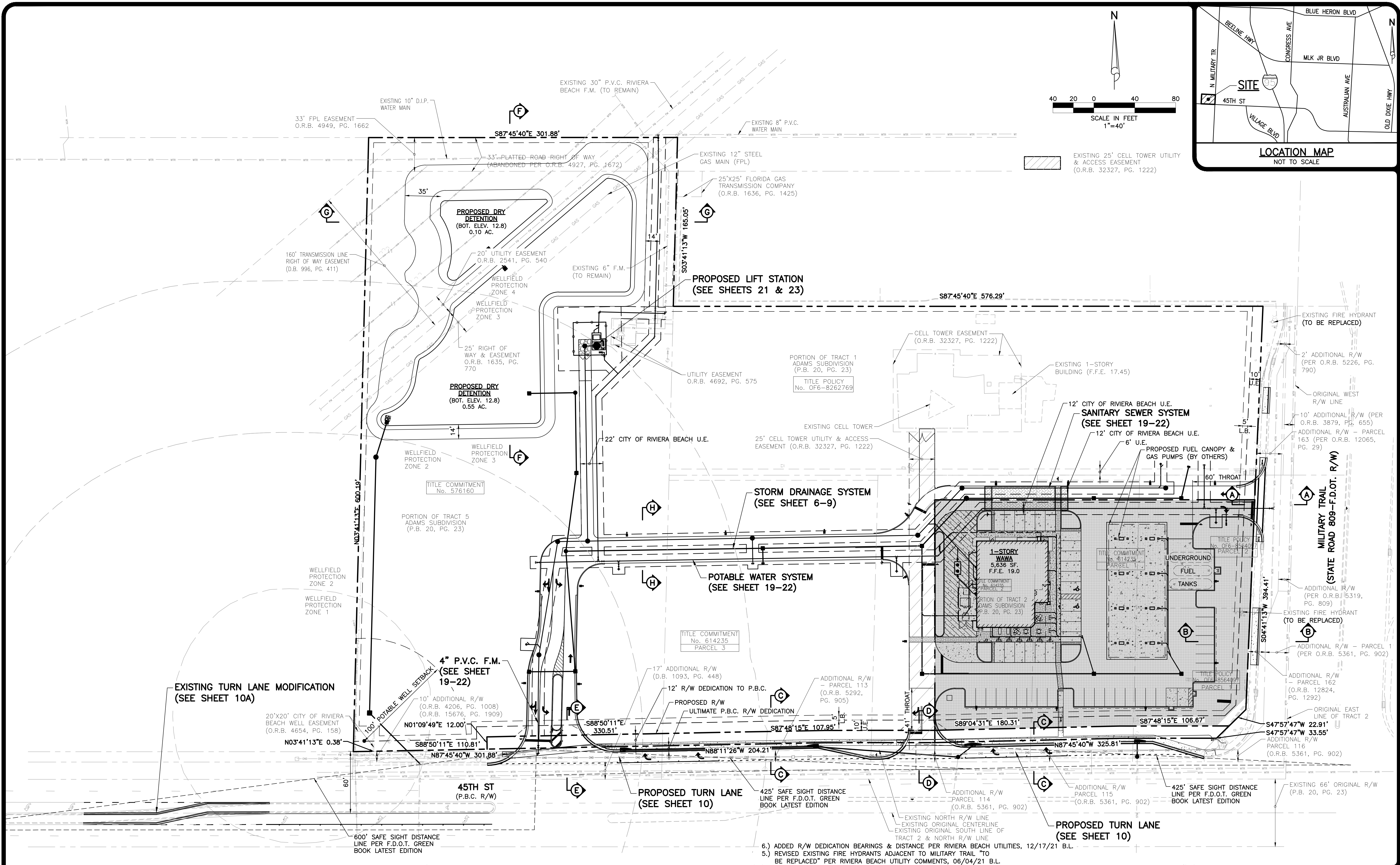
1.) ADDED DEMO OF EXISTING CELL TOWER DRIVEWAY ACCESS PER FDOT, 03/22/21 B.L.

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PRIME CORNER - PHASE 1
 SECTION 01, TOWNSHIP 43S., RANGE 42E.
 CITY OF WEST PALM BEACH, FLORIDA
DEMOLITION PLAN

JOB NO.	DRAWING NO.	SHEET	OF
18-154	18154S03	3	26



- 6.) ADDED R/W DEDICATION BEARINGS & DISTANCE PER RIVERA BEACH UTILITIES, 12/17/21 B.L.
- 5.) REVISED EXISTING FIRE HYDRANTS ADJACENT TO MILITARY TRAIL TO BE REPLACED* PER RIVERA BEACH UTILITY COMMENTS, 06/04/21 B.L.

JESSE J. PARRISH, IV, P.E., STATE OF FLORIDA,
PROFESSIONAL ENGINEER, LICENSE NO. 85433

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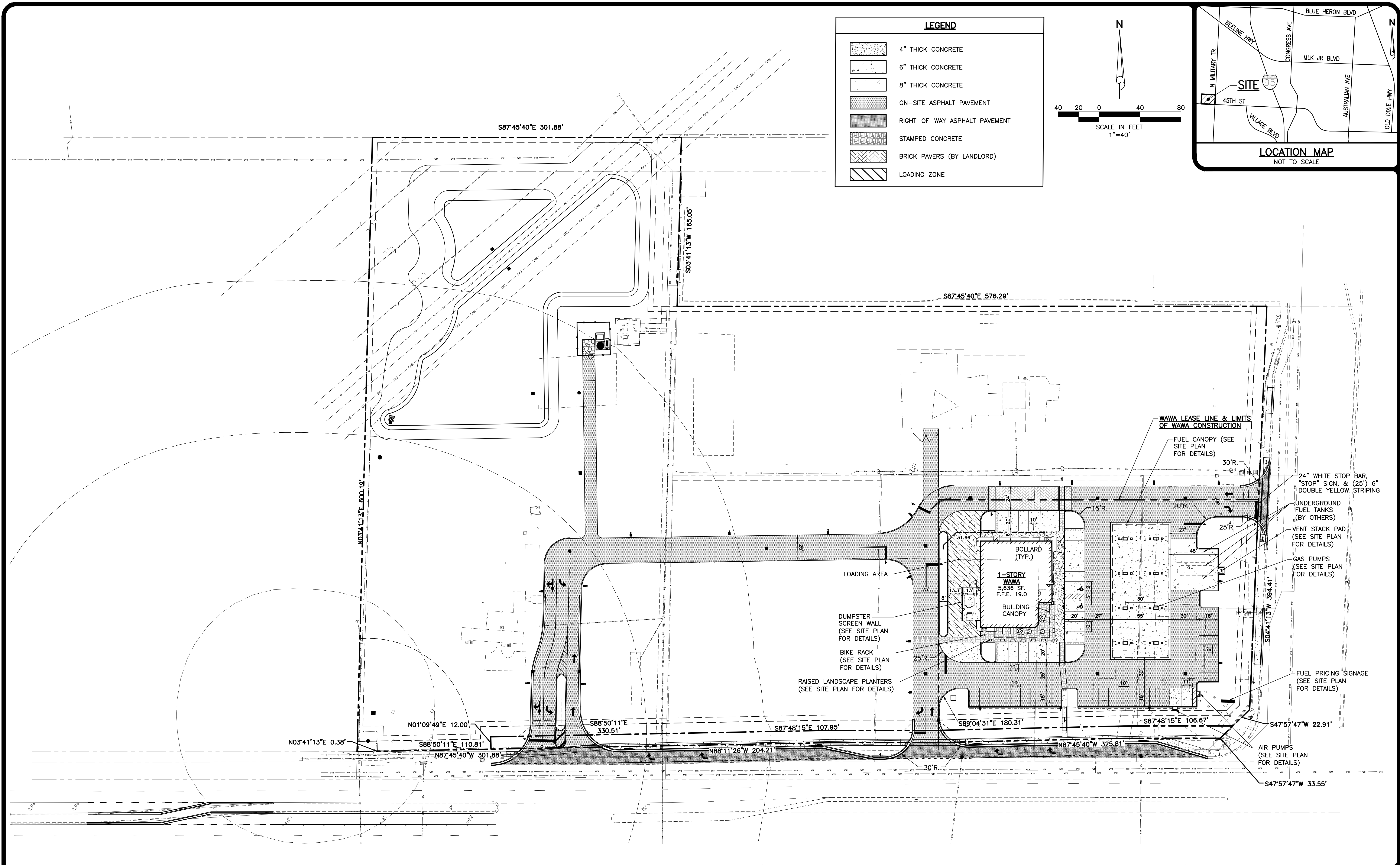
- 4.) ADDED OFFSITE LEFT TURN LANE MODIFICATION PER P.B.C., 04/19/21 B.L.
- 3.) ADDED CELL TOWER EASEMENT INFORMATION, 03/25/21 B.L.
- 2.) ADDED THROAT DISTANCE AND SIDEWALK/CURB @ EXISTING CELL TOWER ENTRANCE PER FDOT, 03/22/21 B.L.
- 1.) ADDED EXISTING R/W DIMENSIONS PER P.B.C., 03/16/21 B.L.

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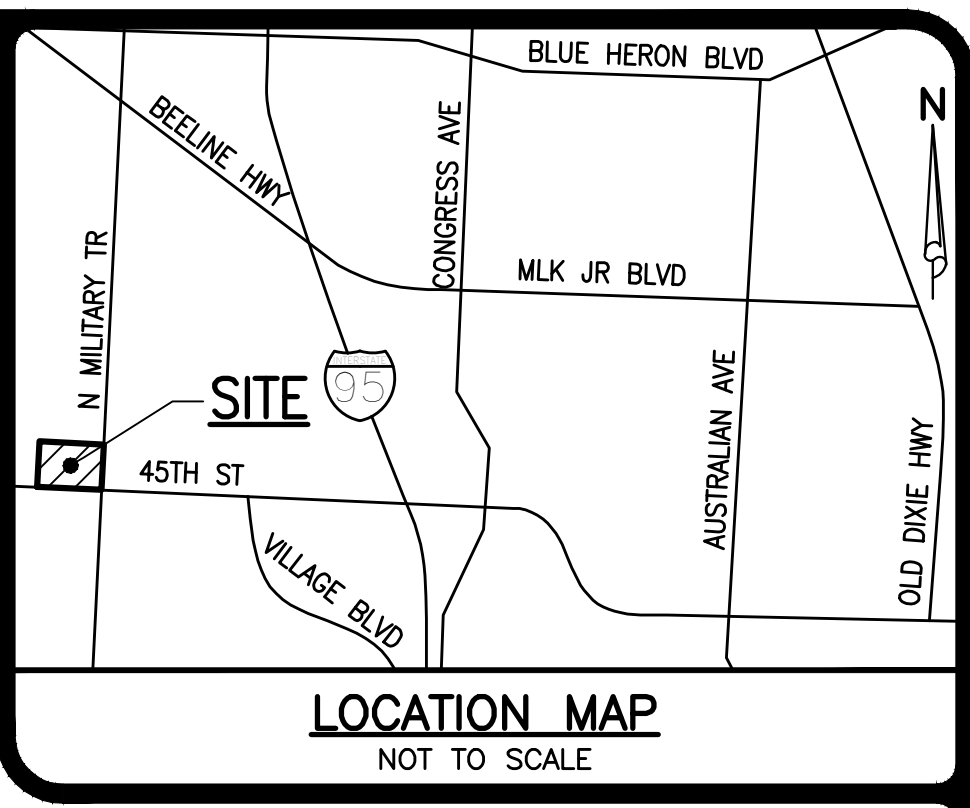
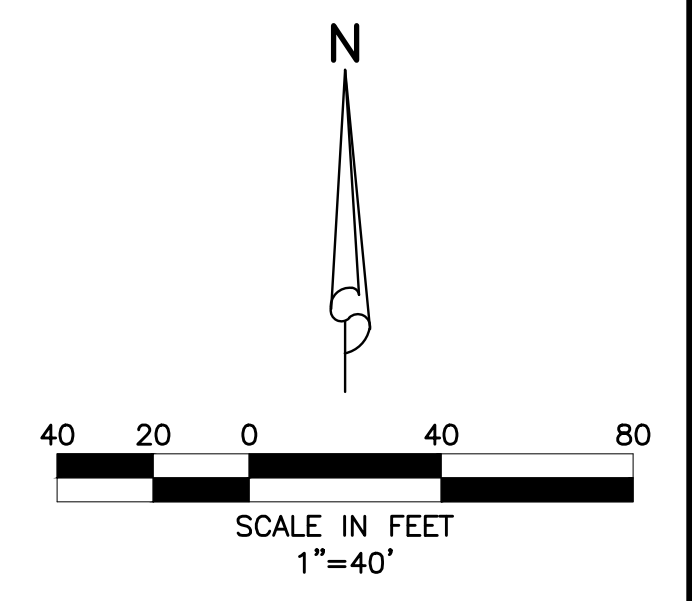
PRIME CORNER - PHASE 1
SECTION 01, TOWNSHIP 43S., RANGE 42E.
CITY OF WEST PALM BEACH, FLORIDA
MASTER PLAN

JOB NO.	DRAWING NO.	SHEET	OF
18-154	18154S04	4	26



LEGEND

	4" THICK CONCRETE
	6" THICK CONCRETE
	8" THICK CONCRETE
	ON-SITE ASPHALT PAVEMENT
	RIGHT-OF-WAY ASPHALT PAVEMENT
	STAMPED CONCRETE
	BRICK PAVERS (BY LANDLORD)
	LOADING ZONE



JESSE J. PARRISH, IV, P.E., STATE OF FLORIDA,
PROFESSIONAL ENGINEER, LICENSE NO. 85433

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PRIME CORNER - PHASE 1
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CITY OF WEST PALM BEACH, FLORIDA
SITE LAYOUT PLAN

JOB NO.	DRAWING NO.	SHEET	OF
18-154	18154S05	5	26

C.O. NO.	INV. ELEV.
C.O.#1	14.55
C.O.#2	15.7
C.O.#3	15.4
C.O.#4	15.7
C.O.#5	16.8
C.O.#6	17.0
C.O.#7	17.0
C.O.#8	15.1
C.O.#9	17.0
C.O.#10	16.3
C.O.#11	16.6
C.O.#12	17.0

STR. NO.	RIM ELEV.	INV. ELEV.	NOTES
A1	17.5	14.2	TYPE "C"
A2	17.5	14.0E, W 15.0NW	TYPE "C"
A3	17.0	12.6N 13.6E	TYPE "C"
A4	17.5	13.0	TYPE "C"
A5	17.5	12.8	TYPE "C"
A6	18.3	12.5E 12.0SW	4' MH.
A7	17.8	12.3S 11.8NE, W	TYPE "C"

DATUM NOTES:
 1.) ALL ELEVATIONS SHOWN HEREON ARE RELATIVE TO THE NORTH AMERICAN VERTICAL DATUM (N.A.V.D.) OF 1988 BASED ON A SURVEY PREPARED BY LIDBERG LAND SURVEYING, INC. (561) 746-8454.
 2.) AN APPROXIMATE CONVERSION BETWEEN THE NATIONAL GEODETIC VERTICAL DATUM (N.G.V.D.) OF 1929 AND N.A.V.D. CAN BE MADE BY ADDING 1.5' TO THE N.A.V.D. ELEVATION TO OBTAIN THE N.G.V.D. ELEVATION.

JESSE J. PARRISH, IV, P.E., STATE OF FLORIDA, PROFESSIONAL ENGINEER, LICENSE NO. 85433

THIS ITEM HAS BEEN ELECTRONICALLY SIGNED AND SEALED BY JESSE J. PARRISH, IV, P.E. ON 1/7/2022 USING A SHA-1 AUTHENTICATION CODE.

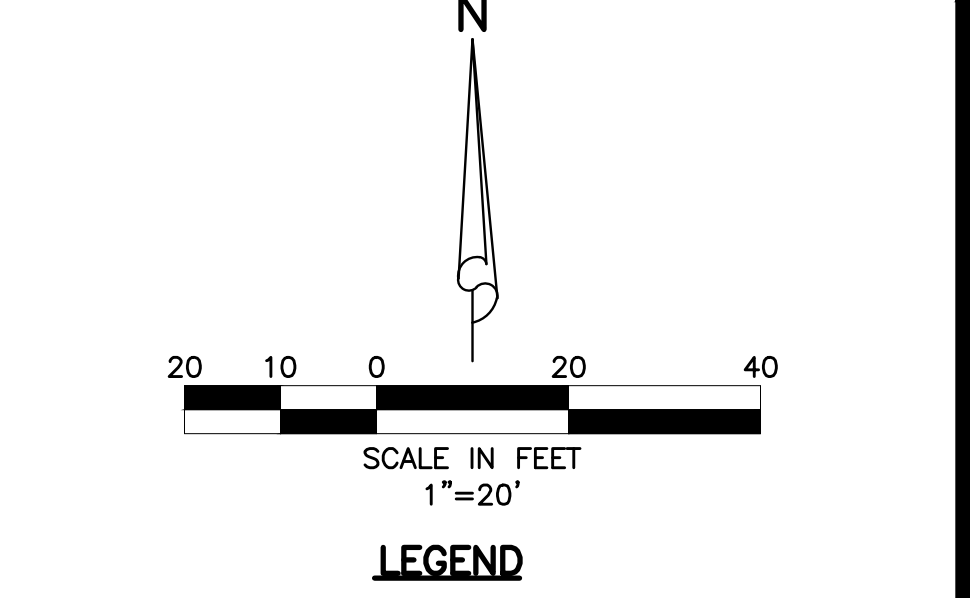
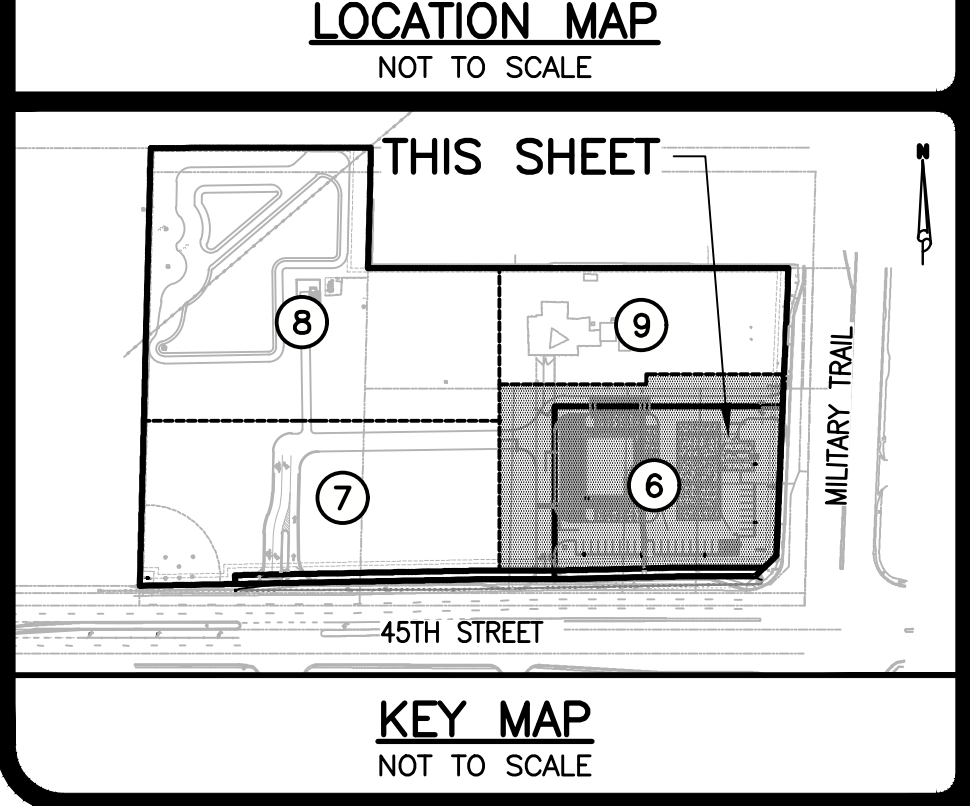
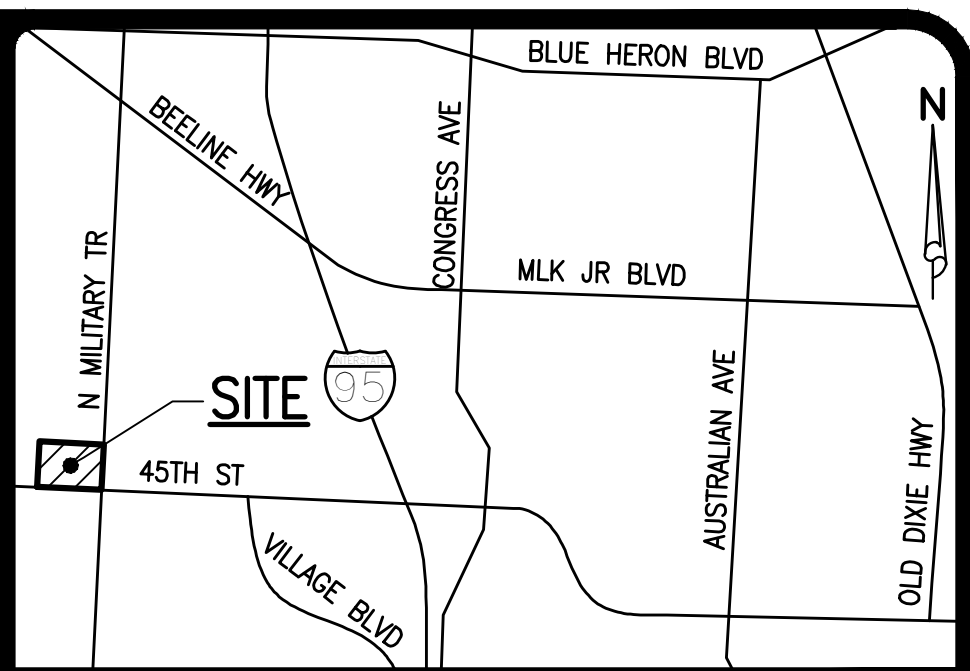
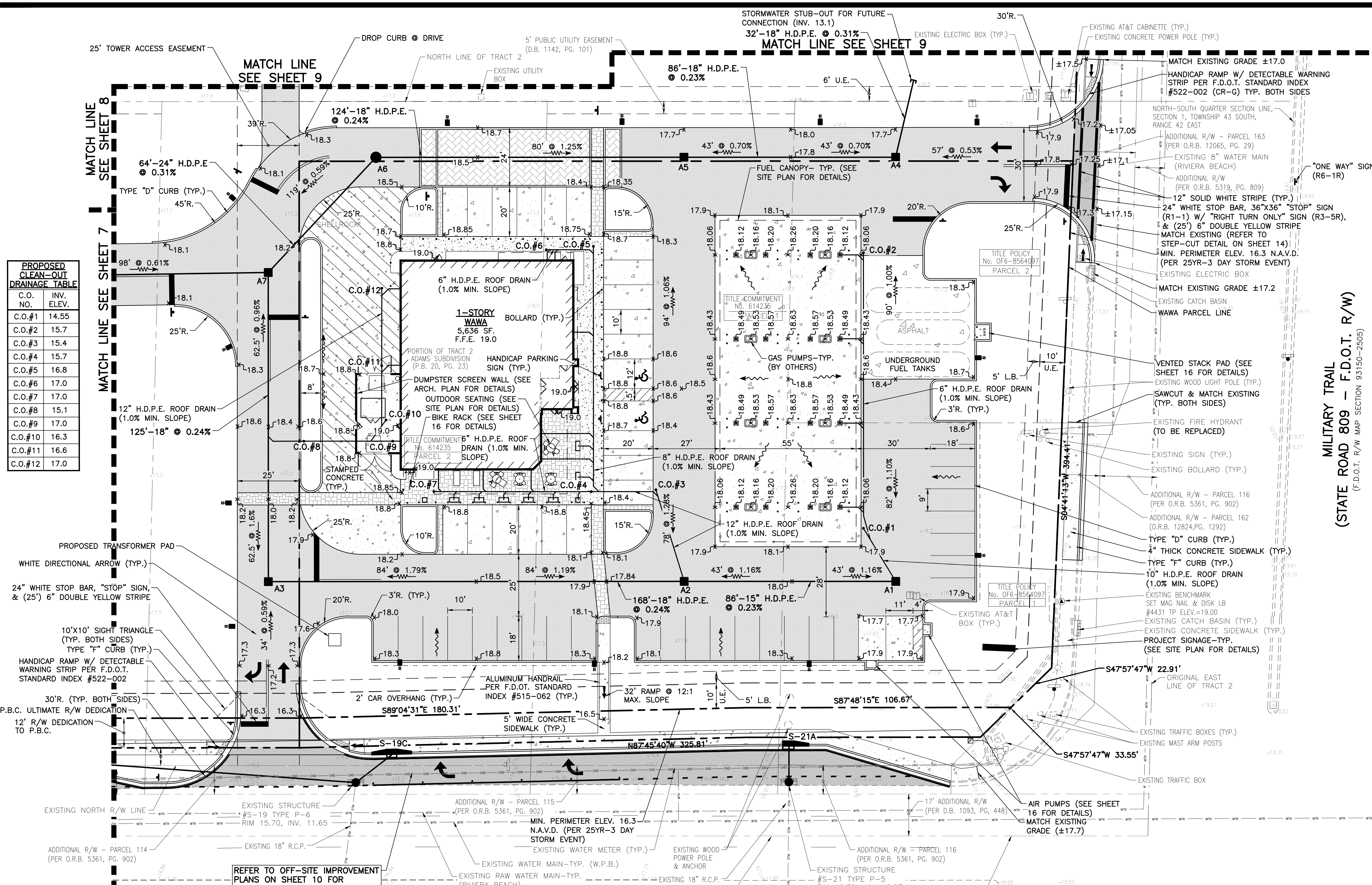
PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND THE SHA-1 AUTHENTICATION CODE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.

2.) REVISED R/W STRIPPING AND REMOVED CONCRETE CROSSWALK AT ENTRY PER P.B.C., 11/30/21 B.L.
 1.) REVISED "STOP" SIGN TO 36"x36", ADDED "RIGHT TURN ONLY" SIGN, CROSSWALK STRIPING, & STEP-CUT NOTE PER FDOT, 03/22/21 B.L.

SIMMONS & WHITE
 ENGINEERING | PLANNING | CONSULTING | SINCE 1982
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PRIME CORNER - PHASE 1
 SECTION 01, TOWNSHIP 43S., RANGE 42E.
 CITY OF WEST PALM BEACH, FLORIDA
PAVING AND DRAINAGE PLAN

48 HOURS BEFORE DIGGING
 BROWARD • PALM BEACH • INDIAN RIVER
 ST. LUCIE • MARTIN COUNTIES
 CALL FOR INFO
 1-800-432-4770
 SUNSHINE STATE 1 CALL
 UNDERGROUND UTILITIES
 NOTIFICATION CENTER



LEGEND

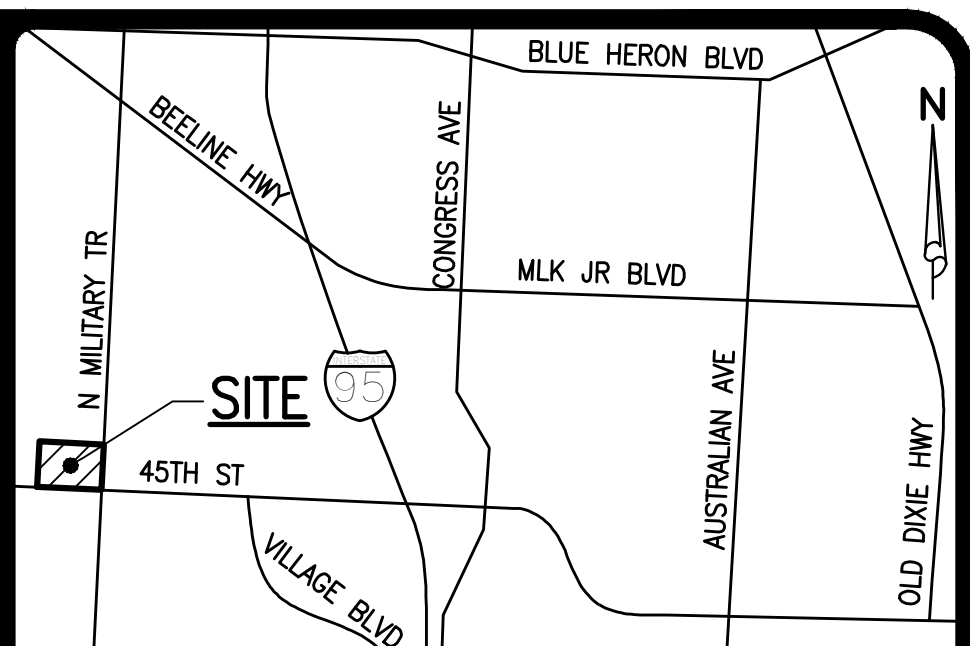
- A3 INLET NUMBER (REFER TO DRAINAGE STRUCTURE TABLE)
- C.O.#1 CLEAN OUT NUMBER (REFER TO CLEAN OUT DRAINAGE TABLE)
- PROPOSED STORM SEWER AND CATCH BASIN
- PROPOSED STORM SEWER AND MANHOLE
- DIRECTION OF FLOW
- DIRECTION OF SWALE
- PROPOSED GRADE ELEVATION
- EXISTING GRADE ELEVATION
- 4" THICK CONCRETE
- 6" THICK CONCRETE
- 8" THICK CONCRETE
- ON-SITE ASPHALT PAVEMENT
- RIGHT-OF-WAY ASPHALT PAVEMENT
- STAMPED CONCRETE
- BRICK PAVERS (BY LANDLORD)
- LOADING ZONE
- PROPOSED DIRECTIONAL ARROW
- 24" WHITE STOP BAR, "STOP" SIGN & (25') 6" DOUBLE YELLOW
- PROPOSED LIGHT POLE (BY OTHERS)
- EXISTING OVERHEAD POWER LINE & POWER POLE
- EXISTING STORM DRAINAGE PIPE
- EXISTING WATER MAIN
- EXISTING SEWER MAIN
- EXISTING FORCE MAIN

DESIGN	DRAWN	CHECKED	APPROVED	DATE
G.B.	B.L.			

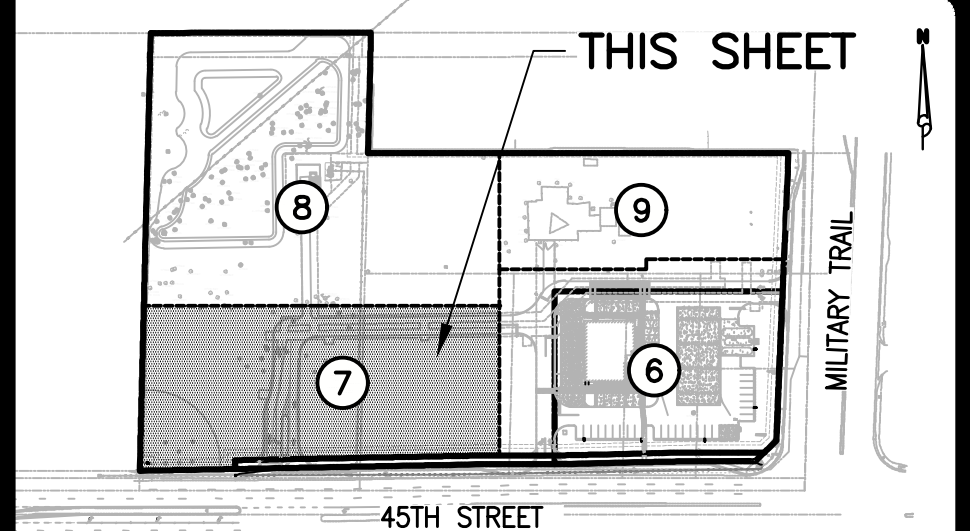
JOB NO.	DRAWING NO.	SHEET	OF
18-154	18154S06	6	26

PROPOSED DRAINAGE STRUCTURE TABLE			
STR. NO.	RIM ELEV.	INV. ELEV.	NOTES
A8	18.0	11.4S.E 8.2W	TYPE "C"
A9	17.5	14.0	TYPE "C" W/ C.G.I.
A10	17.5	13.9W 12.2N	TYPE "C" W/ C.G.I.
A11	17.5	11.9S 7.7N.E	7" MH. W/ TYPE "C" G.T.I.
B3	17.7	12.0SE 7.1N	TYPE "E" C.S.*

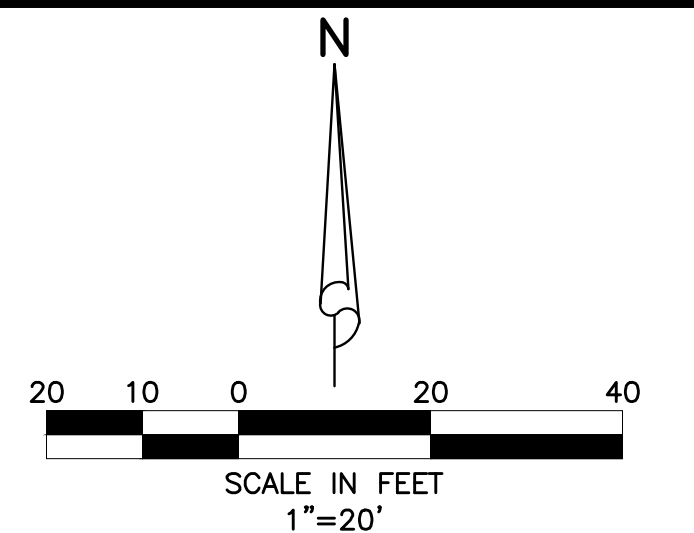
*SEE SHEET 14 FOR DETAILS



LOCATION MAP
NOT TO SCALE

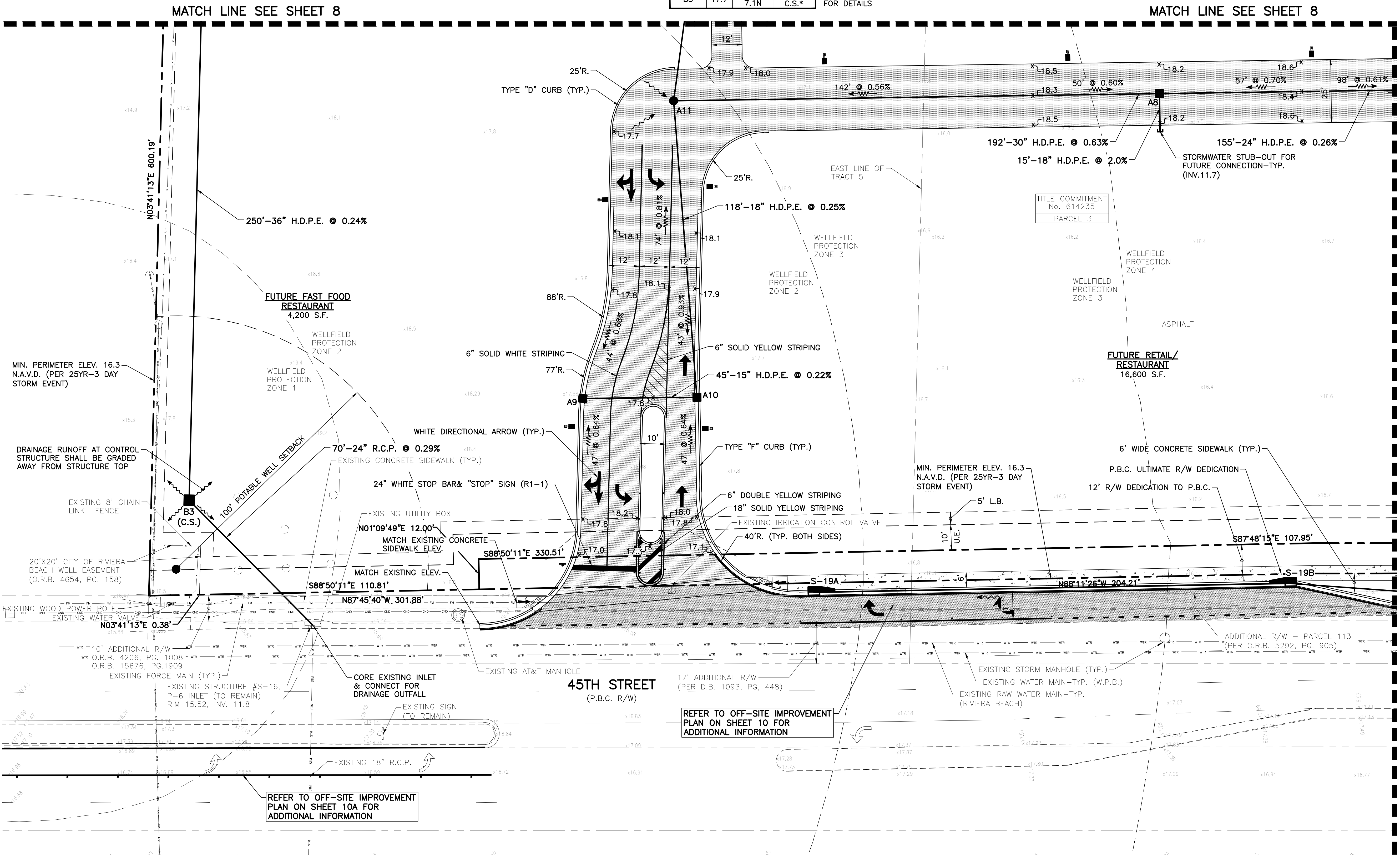


KEY MAP
NOT TO SCALE



SCALE IN FEET
1"=20'

LEGEND	
	A3 INLET NUMBER (REFER TO DRAINAGE STRUCTURE TABLE)
	C.O.#1 CLEAN OUT NUMBER (REFER TO DRAINAGE TABLE)
	PROPOSED STORM SEWER AND CATCH BASIN
	PROPOSED STORM SEWER AND MANHOLE
	DIRECTION OF FLOW
	DIRECTION OF SWALE
	PROPOSED GRADE ELEVATION
	EXISTING GRADE ELEVATION
	4" THICK CONCRETE
	6" THICK CONCRETE
	8" THICK CONCRETE
	ON-SITE ASPHALT PAVEMENT
	RIGHT-OF-WAY ASPHALT PAVEMENT
	STAMPED CONCRETE
	BRICK PAVERS (BY LANDLORD)
	LOADING ZONE
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	24" WHITE STOP BAR, "STOP" SIGN & (25") 6" DOUBLE YELLOW
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	EXISTING OVERHEAD POWER LINE & POWER POLE
	EXISTING STORM DRAINAGE PIPE
	EXISTING WATER MAIN
	EXISTING SEWER MAIN
	EXISTING FORCE MAIN



DATUM NOTES:
 1.) ALL ELEVATIONS SHOWN HEREON ARE RELATIVE TO THE NORTH AMERICAN VERTICAL DATUM (N.A.V.D.) OF 1988 BASED ON A SURVEY PREPARED BY LIDBERG LAND SURVEYING, INC. (561) 746-8454.
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JESSE J. PARRISH, IV, P.E., STATE OF FLORIDA, PROFESSIONAL ENGINEER, LICENSE NO. 85433

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REVISIONS
2.) REVISED R/W STRIPING AND REMOVED CONCRETE CROSSWALK AT ENTRY PER P.B.C., 11/30/21 B.L.
1.) ADDED B3-C.S. NOTE PER S.F.W.M.D., 03/19/21 B.L.

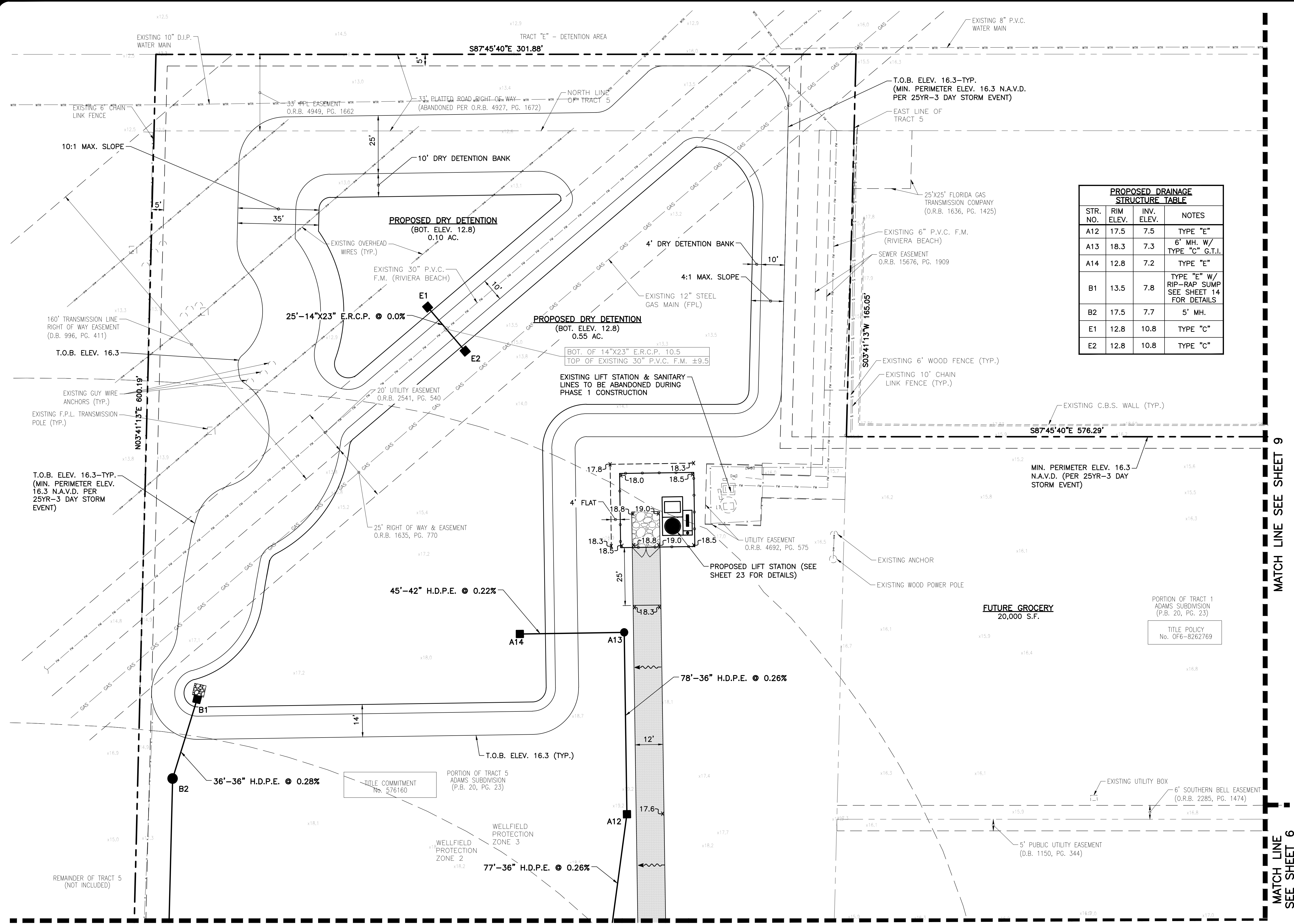
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DESIGN	DRAWN	CHECKED	APPROVED	DATE
C.B.	B.L.			

PRIME CORNER - PHASE 1
 SECTION 01, TOWNSHIP 43S., RANGE 42E.
 CITY OF WEST PALM BEACH, FLORIDA
 PAVING AND DRAINAGE PLAN

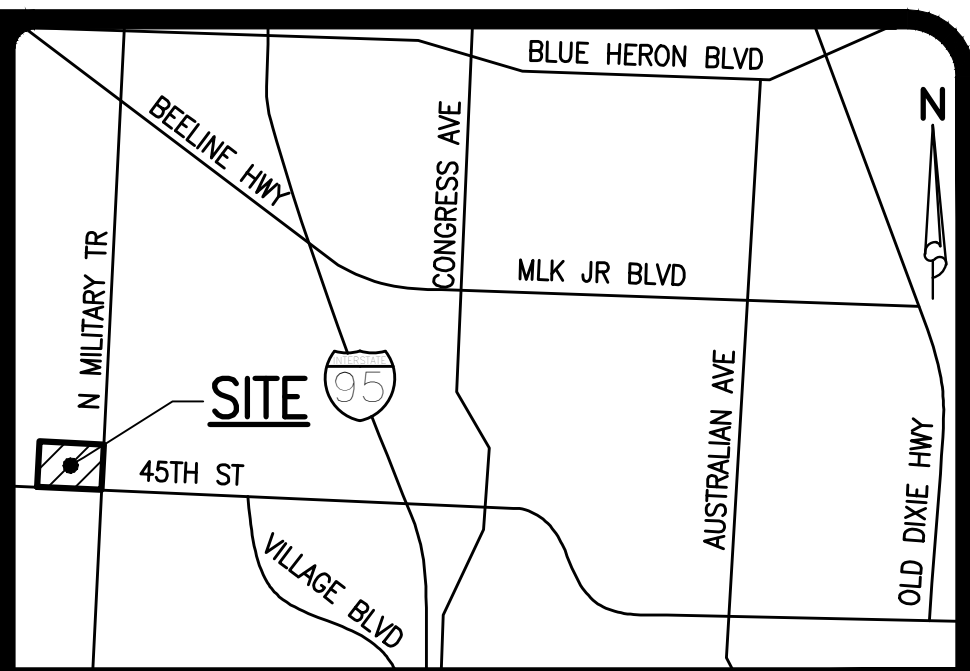
JOB NO.	DRAWING NO.	SHEET	OF
18-154	18154S07	7	26

48 HOURS BEFORE DIGGING
 BROWARD • PALM BEACH • MIAMI RIVER
 ST. LUCIE • MARTIN COUNTIES
 1-800-432-4770
 SUNSHINE STATE 1 CALL
 UNDERGROUND UTILITIES
 NOTIFICATION CENTER

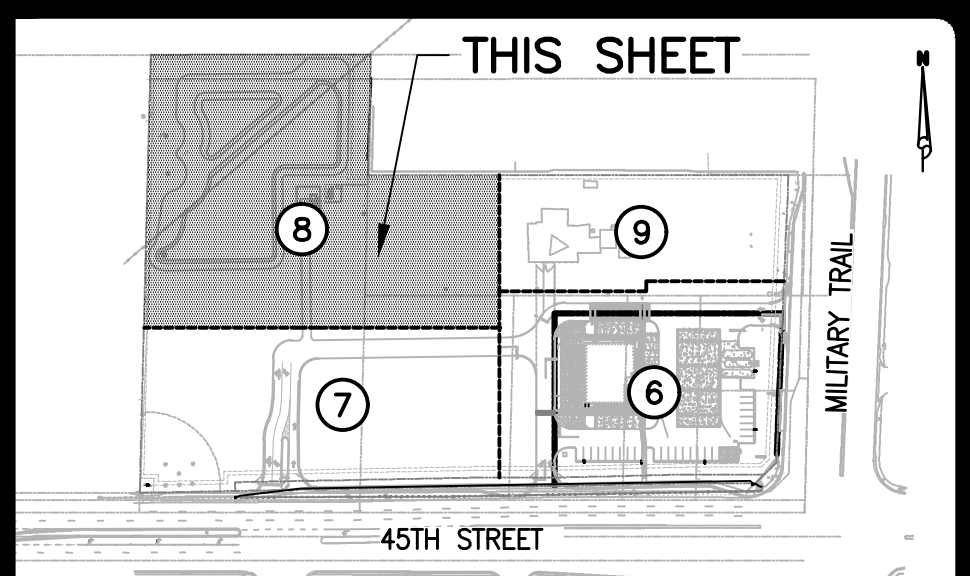


PROPOSED DRAINAGE STRUCTURE TABLE

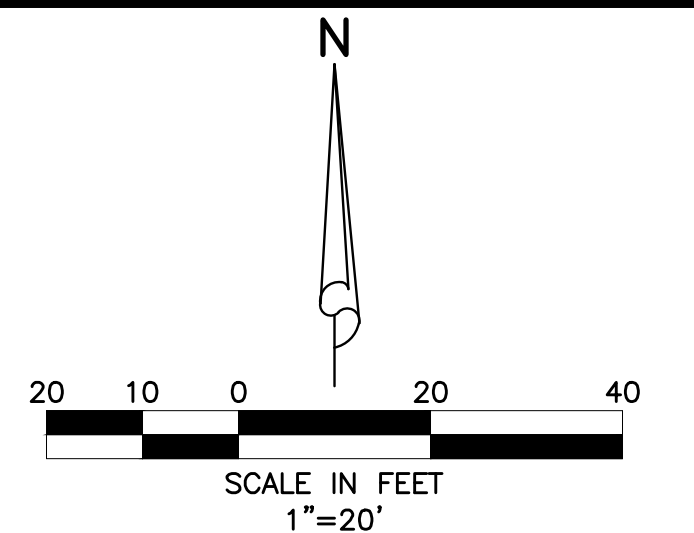
STR. NO.	RIM ELEV.	INV. ELEV.	NOTES
A12	17.5	7.5	TYPE "E"
A13	18.3	7.3	6" MH. W/ TYPE "C" G.T.L.
A14	12.8	7.2	TYPE "E"
B1	13.5	7.8	TYPE "E" W/ RIP-RAP SUMP SEE SHEET 14 FOR DETAILS
B2	17.5	7.7	5" MH.
E1	12.8	10.8	TYPE "C"
E2	12.8	10.8	TYPE "C"



LOCATION MAP
NOT TO SCALE



KEY MAP
NOT TO SCALE



LEGEND

- A3 INLET NUMBER (REFER TO DRAINAGE STRUCTURE TABLE)
- C.O.#1 CLEAN OUT NUMBER (REFER TO CLEAN OUT DRAINAGE TABLE)
- PROPOSED STORM SEWER AND CATCH BASIN
- PROPOSED STORM SEWER AND MANHOLE
- DIRECTION OF FLOW
- DIRECTION OF SWALE
- PROPOSED GRADE ELEVATION
- EXISTING GRADE ELEVATION
- 4" THICK CONCRETE
- 6" THICK CONCRETE
- 8" THICK CONCRETE
- ON-SITE ASPHALT PAVEMENT
- RIGHT-OF-WAY ASPHALT PAVEMENT
- STAMPED CONCRETE
- BRICK PAVERS (BY LANDLORD)
- LOADING ZONE
- PROPOSED DIRECTIONAL ARROW
- 24" WHITE STOP BAR, "STOP" SIGN & (25') 6" DOUBLE YELLOW
- PROPOSED LIGHT POLE (BY OTHERS)
- EXISTING OVERHEAD POWER LINE & POWER POLE
- EXISTING STORM DRAINAGE PIPE
- EXISTING WATER MAIN
- EXISTING SEWER MAIN
- EXISTING FORCE MAIN

DATUM NOTES:
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48 HOURS BEFORE DIGGING
 BROWARD • PALM BEACH • INDIAN RIVER
 ST. LUCIE • MARTIN COUNTIES
 CALL TOLL FREE
 1-800-432-4770
 SUNSHINE STATE 1 CALL
 UNDERGROUND UTILITIES
 NOTIFICATION CENTER

JESSE J. PARRISH, IV, P.E., STATE OF FLORIDA,
 PROFESSIONAL ENGINEER, LICENSE NO. 85433
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 USING A SHA-1 AUTHENTICATION CODE.
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 AUTHENTICATION CODE MUST BE VERIFIED ON ANY
 ELECTRONIC COPIES.

1.) REVISED LIFT STATION GRADES PER COMMENTS FROM
 RIVIERA BEACH UTILITIES, 06/04/21 B.L.

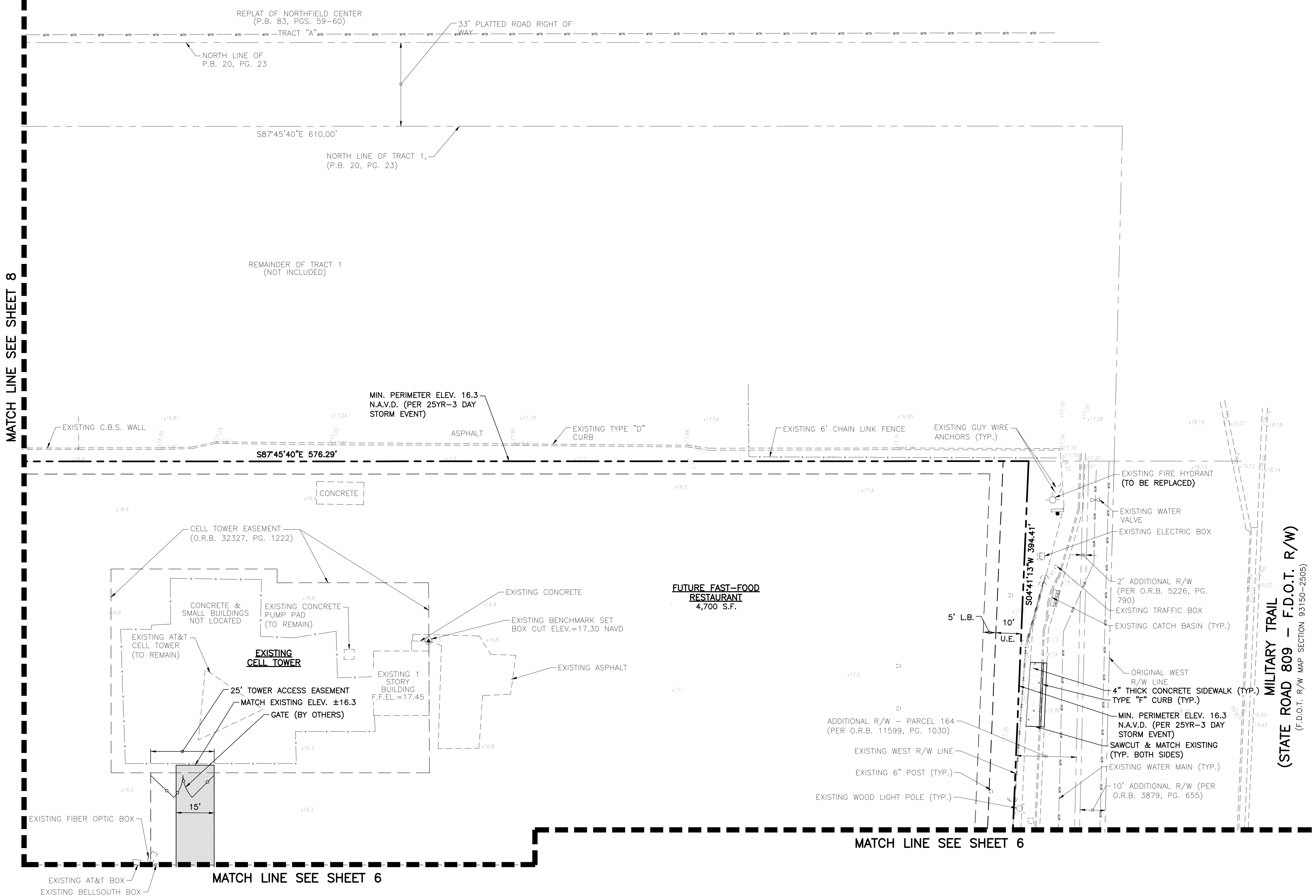
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DESIGN C.B.	DRAWN B.L.	CHECKED	APPROVED	DATE
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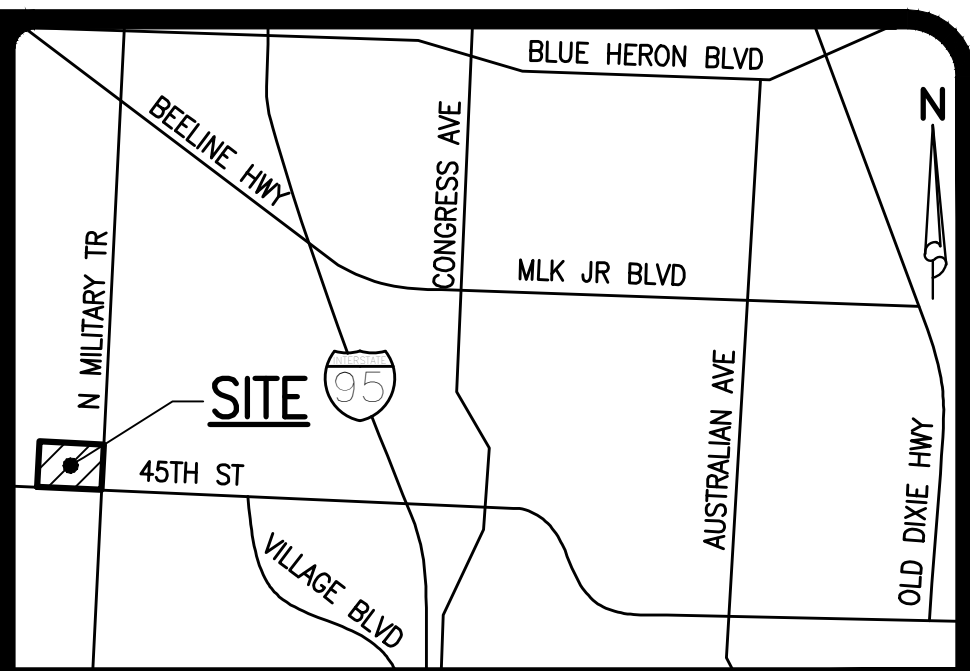
PRIME CORNER - PHASE 1
 SECTION 01, TOWNSHIP 43S., RANGE 42E.
 CITY OF WEST PALM BEACH, FLORIDA
PAVING AND DRAINAGE PLAN

JOB NO. 18-154	DRAWING NO. 18154S08	SHEET 8	OF 26
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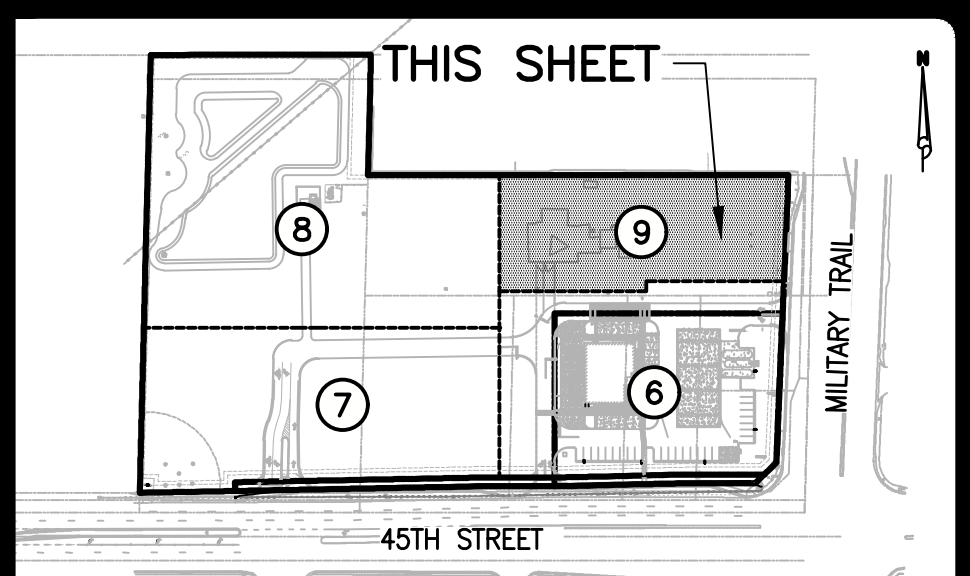
MATCH LINE SEE SHEET 8



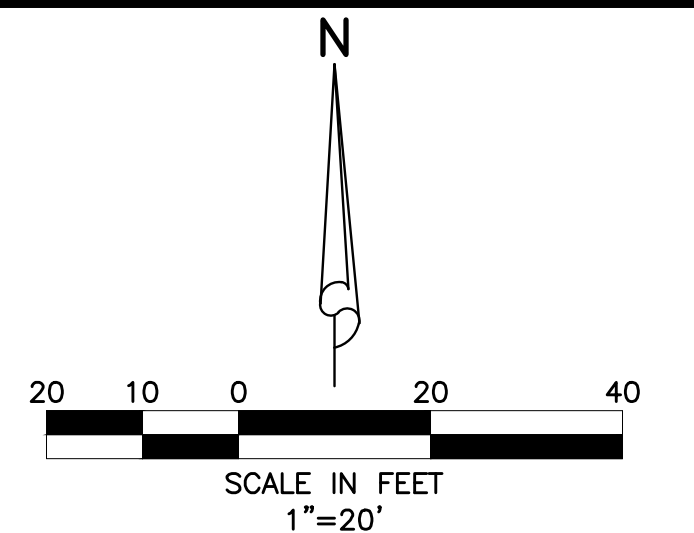
MATCH LINE SEE SHEET 6



LOCATION MAP
NOT TO SCALE



KEY MAP
NOT TO SCALE



LEGEND

A3	INLET NUMBER (REFER TO DRAINAGE STRUCTURE TABLE)
C.O.#1	CLEAN OUT NUMBER (REFER TO CLEAN OUT DRAINAGE TABLE)
	PROPOSED STORM SEWER AND CATCH BASIN
	PROPOSED STORM SEWER AND MANHOLE
	DIRECTION OF FLOW
	DIRECTION OF SWALE
	PROPOSED GRADE ELEVATION
	EXISTING GRADE ELEVATION
	4" THICK CONCRETE
	6" THICK CONCRETE
	8" THICK CONCRETE
	ON-SITE ASPHALT PAVEMENT
	RIGHT-OF-WAY ASPHALT PAVEMENT
	STAMPED CONCRETE
	BRICK PAVERS (BY LANDLORD)
	LOADING ZONE
	PROPOSED DIRECTIONAL ARROW
	24" WHITE STOP BAR, "STOP" SIGN & (25') 6" DOUBLE YELLOW
	PROPOSED LIGHT POLE (BY OTHERS)
	EXISTING OVERHEAD POWER LINE & POWER POLE
	EXISTING STORM DRAINAGE PIPE
	EXISTING WATER MAIN
	EXISTING SEWER MAIN
	EXISTING FORCE MAIN

DATUM NOTES:
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1.) ADDED TYPE "F" CURB AND SIDEWALK PER FDOT, 03/22/21 B.L.

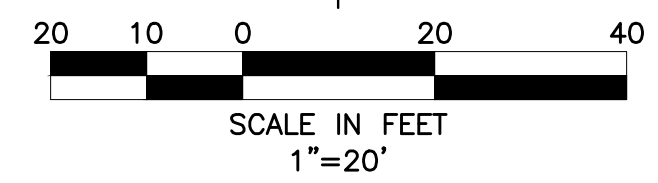
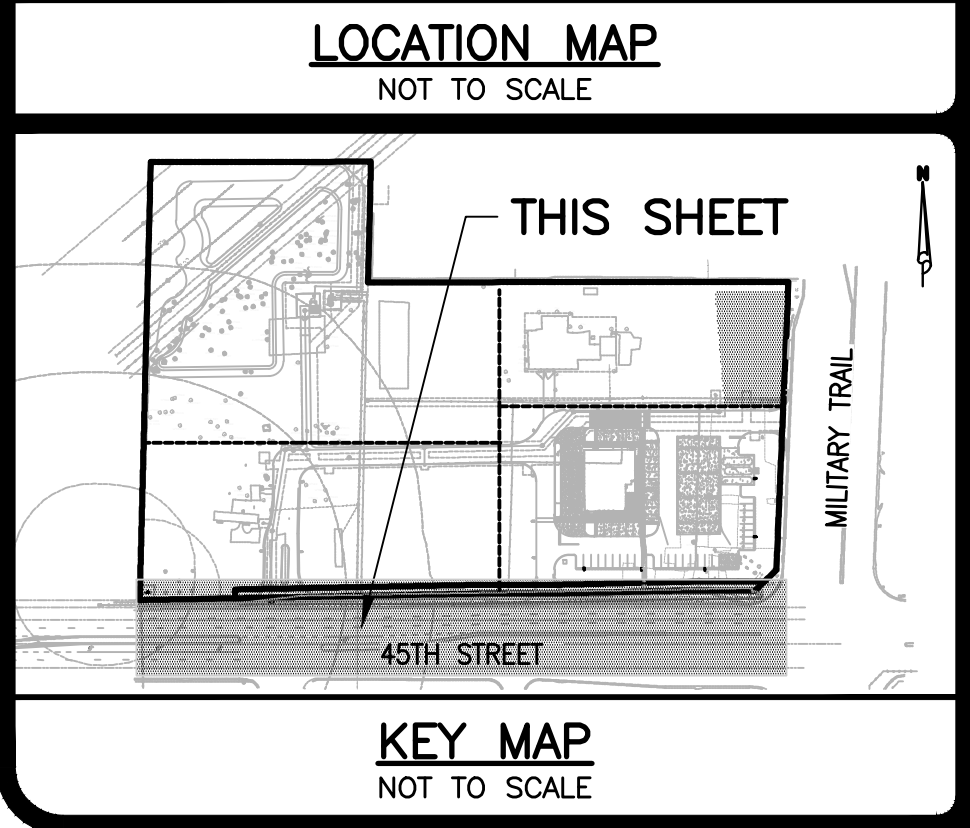
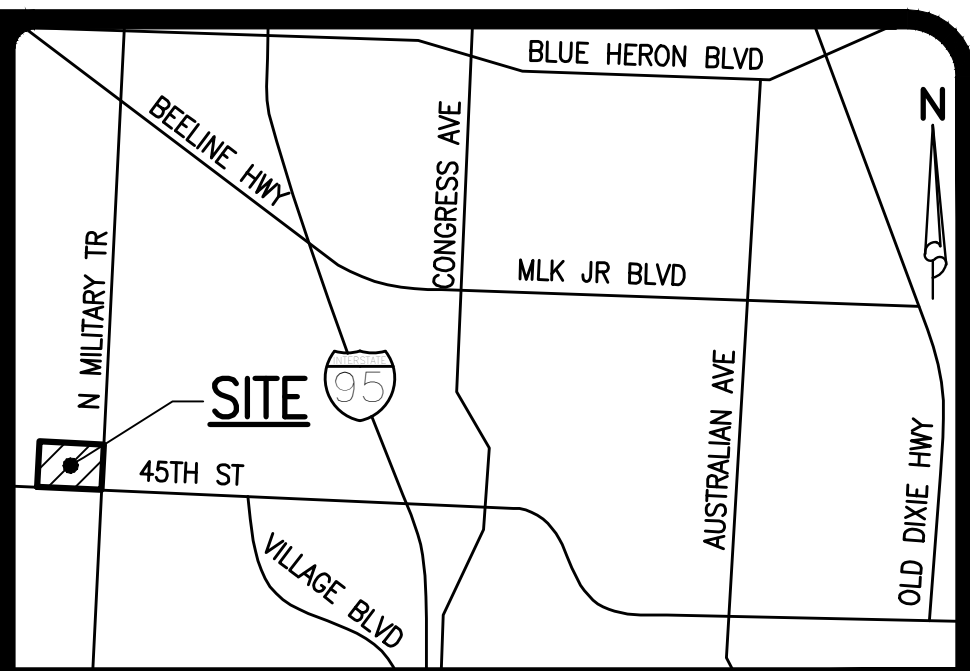
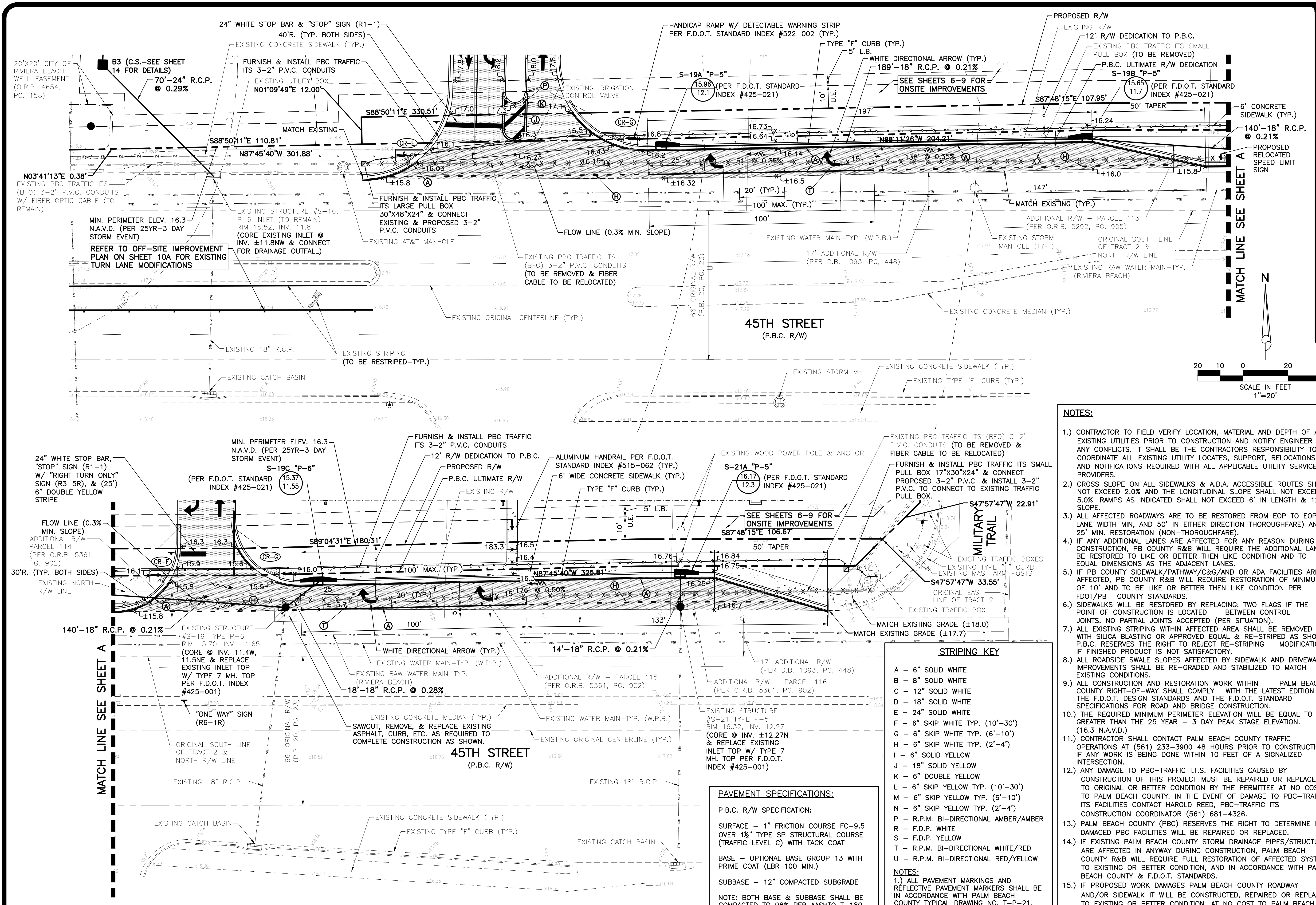
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DESIGN	DRAWN	CHECKED	APPROVED	DATE
C.B.	B.L.			

PRIME CORNER - PHASE 1
 SECTION 01, TOWNSHIP 43S., RANGE 42E.
 CITY OF WEST PALM BEACH, FLORIDA
PAVING AND DRAINAGE PLAN

JOB NO.	DRAWING NO.	SHEET	OF
18-154	18154S09	9	26

48 HOURS BEFORE DIGGING
 BROWARD • PALM BEACH • INDIAN RIVER
 ST. LUCIE • MARTIN COUNTIES
 CALL TOLL FREE
 1-800-432-4770
 SUNSHINE STATE 1 CALL
 UNDERGROUND UTILITIES
 NOTIFICATION CENTER



LEGEND

- A3-C* INLET NUMBER AND TYPE
- (19.5) INLET TOP ELEVATION
- (16.0) INVERT ELEVATION
- PROPOSED STORM SEWER AND CATCH BASIN
- PROPOSED STORM SEWER AND MANHOLE
- DIRECTION OF FLOW
- DIRECTION OF SWALE
- PROPOSED CONDUIT W/ PULL BOX (REFER TO PBC TYPICAL CONDUIT INSTALLATION DETAIL T-14)
- PROPOSED GRADE ELEVATION
- EXISTING GRADE ELEVATION
- P.B.C. R/W (ASPHALT, SEE THIS SHEET FOR SPECIFICATIONS)
- CONCRETE
- DECORATIVE PAVEMENT/BRICK PAVERS
- DETECTABLE WARNING SURFACE
- SAWCUT, REMOVE, & REPLACE EXISTING PAVEMENT, CONCRETE, CURB, ETC.
- WHITE DIRECTIONAL ARROW
- 24" WHITE STOP BAR, "STOP" SIGN & (25') 6" DOUBLE YELLOW
- EXISTING OVERHEAD POWER LINE & POWER POLE
- EXISTING STORM DRAINAGE PIPE
- EXISTING WATER MAIN
- EXISTING SEWER MAIN
- EXISTING FORCE MAIN
- EXISTING CONDUIT
- EXISTING CONDUIT (TO BE REMOVED)

NOTES:

- 1.) CONTRACTOR TO FIELD VERIFY LOCATION, MATERIAL AND DEPTH OF ALL EXISTING UTILITIES PRIOR TO CONSTRUCTION AND NOTIFY ENGINEER OF ANY CONFLICTS. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO COORDINATE ALL EXISTING UTILITY LOCATES, SUPPORT, RELOCATIONS AND NOTIFICATIONS REQUIRED WITH ALL APPLICABLE UTILITY SERVICE PROVIDERS.
- 2.) CROSS SLOPE ON ALL SIDEWALKS & A.D.A. ACCESSIBLE ROUTES SHALL NOT EXCEED 2.0% AND THE LONGITUDINAL SLOPE SHALL NOT EXCEED 5.0%. RAMPS AS INDICATED SHALL NOT EXCEED 6' IN LENGTH & 12:1 SLOPE.
- 3.) ALL AFFECTED ROADWAYS ARE TO BE RESTORED FROM EOP TO EOP, LANE WIDTH MIN. AND 50' IN EITHER DIRECTION THOROUGHFARE AND 25' MIN. RESTORATION (NON-THOROUGHFARE).
- 4.) IF ANY ADDITIONAL LANES ARE AFFECTED FOR ANY REASON DURING CONSTRUCTION, PB COUNTY R&B WILL REQUIRE THE ADDITIONAL LANES BE RESTORED TO LIKE OR BETTER THEN LIKE CONDITION AND TO EQUAL DIMENSIONS AS THE ADJACENT LANES.
- 5.) IF PB COUNTY SIDEWALK/PATHWAY/C&G/AND OR ADA FACILITIES ARE AFFECTED, PB COUNTY R&B WILL REQUIRE RESTORATION OF MINIMUM OF 10' AND TO BE LIKE OR BETTER THEN LIKE CONDITION PER FDOT/PB COUNTY STANDARDS.
- 6.) SIDEWALKS WILL BE RESTORED BY REPLACING: TWO FLAGS IF THE POINT OF CONSTRUCTION IS LOCATED BETWEEN CONTROL JOINTS. NO PARTIAL JOINTS ACCEPTED (PER SITUATION).
- 7.) ALL EXISTING STRIPING WITHIN AFFECTED AREA SHALL BE REMOVED WITH SILICA BLASTING OR APPROVED EQUAL & RE-STRIPED AS SHOWN. P.B.C. RESERVES THE RIGHT TO REJECT RE-STRIPING MODIFICATIONS IF FINISHED PRODUCT IS NOT SATISFACTORY.
- 8.) ALL ROADSIDE SWALE SLOPES AFFECTED BY SIDEWALK AND DRIVEWAY IMPROVEMENTS SHALL BE RE-GRADED AND STABILIZED TO MATCH EXISTING CONDITIONS.
- 9.) ALL CONSTRUCTION AND RESTORATION WORK WITHIN PALM BEACH COUNTY RIGHT-OF-WAY SHALL COMPLY WITH THE LATEST EDITION OF THE F.D.O.T. DESIGN STANDARDS AND THE F.D.O.T. STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
- 10.) THE REQUIRED MINIMUM PERIMETER ELEVATION WILL BE EQUAL TO OR GREATER THAN THE 25 YEAR - 3 DAY PEAK STAGE ELEVATION. (16.3 N.A.V.D.)
- 11.) CONTRACTOR SHALL CONTACT PALM BEACH COUNTY TRAFFIC OPERATIONS AT (561) 233-3900, 48 HOURS PRIOR TO CONSTRUCTION, IF ANY WORK IS BEING DONE WITHIN 10 FEET OF A SIGNALIZED INTERSECTION.
- 12.) ANY DAMAGE TO PBC-TRAFFIC I.T.S. FACILITIES CAUSED BY CONSTRUCTION OF THIS PROJECT MUST BE REPAIRED OR REPLACED TO ORIGINAL OR BETTER CONDITION BY THE PERMITEE AT NO COST TO PALM BEACH COUNTY. IN THE EVENT OF DAMAGE TO PBC-TRAFFIC ITS FACILITIES CONTACT HAROLD REED, PBC-TRAFFIC ITS CONSTRUCTION COORDINATOR (561) 681-4326.
- 13.) PALM BEACH COUNTY (PBC) RESERVES THE RIGHT TO DETERMINE IF DAMAGED PBC FACILITIES WILL BE REPAIRED OR REPLACED.
- 14.) IF EXISTING PALM BEACH COUNTY STORM DRAINAGE PIPES/STRUCTURE ARE AFFECTED IN ANYWAY DURING CONSTRUCTION, PALM BEACH COUNTY R&B WILL REQUIRE FULL RESTORATION OF AFFECTED SYSTEM TO EXISTING OR BETTER CONDITION, AND IN ACCORDANCE WITH PALM BEACH COUNTY & F.D.O.T. STANDARDS.
- 15.) IF PROPOSED WORK DAMAGES PALM BEACH COUNTY ROADWAY AND/OR SIDEWALK IT WILL BE CONSTRUCTED, REPAIRED OR REPLACED TO EXISTING OR BETTER CONDITION, AT NO COST TO PALM BEACH COUNTY BY THE PERMITEE.
- 16.) CONTRACTOR SHALL CONTACT PBC-TRAFFIC ITS CONSTRUCTION COORDINATOR HAROLD REED AT (561) 681-4326 2 WEEKS PRIOR TO CONSTRUCTION IN RIGHT-OF-WAY TO ALLOW PBC TO REMOVE EXISTING FIBER OPTIC CABLES.

STRIPING KEY

- A - 6" SOLID WHITE
- B - 8" SOLID WHITE
- C - 12" SOLID WHITE
- D - 18" SOLID WHITE
- E - 24" SOLID WHITE
- F - 6" SKIP WHITE TYP. (10'-30')
- G - 6" SKIP WHITE TYP. (6'-10')
- H - 6" SKIP WHITE TYP. (2'-4')
- I - 6" SOLID YELLOW
- J - 18" SOLID YELLOW
- K - 6" DOUBLE YELLOW
- L - 6" SKIP YELLOW TYP. (10'-30')
- M - 6" SKIP YELLOW TYP. (6'-10')
- N - 6" SKIP YELLOW TYP. (2'-4')
- P - R.P.M. BI-DIRECTIONAL AMBER/AMBER R
- R - F.D.P. WHITE
- S - F.D.P. YELLOW
- T - R.P.M. BI-DIRECTIONAL WHITE/RED
- U - R.P.M. BI-DIRECTIONAL RED/YELLOW

PAVEMENT SPECIFICATIONS:
 P.B.C. R/W SPECIFICATION:
 SURFACE - 1" FRICTION COURSE FC-9.5 OVER 1 1/2" TYPE SP STRUCTURAL COURSE (TRAFFIC LEVEL C) WITH TACK COAT
 BASE - OPTIONAL BASE GROUP 13 WITH PRIME COAT (LBR 100 MIN.)
 SUBBASE - 12" COMPACTED SUBGRADE
 NOTE: BOTH BASE & SUBBASE SHALL BE COMPACTED TO 98% PER AASHTO T-180

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48 HOURS BEFORE DIGGING
 BROWARD • PALM BEACH • INDIAN RIVER
 ST. LUCIE • MARTIN COUNTIES
 SUNSHINE STATE 1 CALL
 1-800-432-4770
 UNDERGROUND UTILITIES
 NOTIFICATION CENTER

JESSE J. PARRISH, IV, P.E., STATE OF FLORIDA, PROFESSIONAL ENGINEER, LICENSE NO. 85433
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- 3.) REMOVED BIKE LANE, 45TH STREET STRIPING, AND CONCRETE CROSSWALK PER P.B.C., 11/30/21 B.L.
- 2.) REVISED STRIPING PER P.B.C. T-P-21 UPDATE AND NOTES/DRIVEWAY SIDEWALK PER P.B.C. LD./TRAFFIC, 03/16/21 B.L.
- 1.) REVISED PER AGENCY REVIEW COMMENTS, 03/04/21 B.L.

DESIGN	DRAWN	CHECKED	APPROVED	DATE
C.B.	B.L.			

PRIME CORNER - PHASE 1
 SECTION 01, TOWNSHIP 43S., RANGE 42E.
 CITY OF WEST PALM BEACH, FLORIDA
OFF-SITE IMPROVEMENT PLAN

JOB NO. 18-154
 DRAWING NO. 18154S10
 SHEET 10 OF 26

PAVEMENT SPECIFICATIONS:

P.B.C. R/W SPECIFICATION:
 SURFACE - 1" FRICTION COURSE FC-9.5 OVER 1 1/2" TYPE SP STRUCTURAL COURSE (TRAFFIC LEVEL C) WITH TACK COAT
 BASE - OPTIONAL BASE GROUP 13 WITH PRIME COAT (LBR 100 MIN.)
 SUBBASE - 12" COMPACTED SUBGRADE
 MILL & RESURFACE - MILL 1" EXISTING ASPHALT WHERE NOTED & REPLACE WITH 1" FRICTION COURSE FC-9.5
 NOTE: BOTH BASE & SUBBASE SHALL BE COMPACTED TO 98% PER AASHTO T-180

STRIPING KEY

- A - 6" SOLID WHITE
- B - 8" SOLID WHITE
- C - 12" SOLID WHITE
- D - 18" SOLID WHITE
- E - 24" SOLID WHITE
- F - 6" SKIP WHITE TYP. (10'-30')
- G - 6" SKIP WHITE TYP. (6'-10')
- H - 6" SKIP WHITE TYP. (2'-4')
- I - 6" SOLID YELLOW
- J - 18" SOLID YELLOW
- K - 6" DOUBLE YELLOW
- L - 6" SKIP YELLOW TYP. (10'-30')
- M - 6" SKIP YELLOW TYP. (6'-10')
- N - 6" SKIP YELLOW TYP. (2'-4')
- P - R.P.M. BI-DIRECTIONAL AMBER/AMBER
- R - F.D.P. WHITE
- S - F.D.P. YELLOW
- T - R.P.M. BI-DIRECTIONAL WHITE/RED
- U - R.P.M. BI-DIRECTIONAL RED/YELLOW

NOTES:
 1.) ALL PAVEMENT MARKINGS AND REFLECTIVE PAVEMENT MARKERS SHALL BE IN ACCORDANCE WITH PALM BEACH COUNTY TYPICAL DRAWING NO. T-P-21.
 2.) ALL SIGNS SHOWN ARE PROPOSED UNLESS OTHERWISE NOTED.
 3.) F.D.P.'S SHALL BE SPACED 3' APART. WHITE SHALL BE USED.

LEGEND

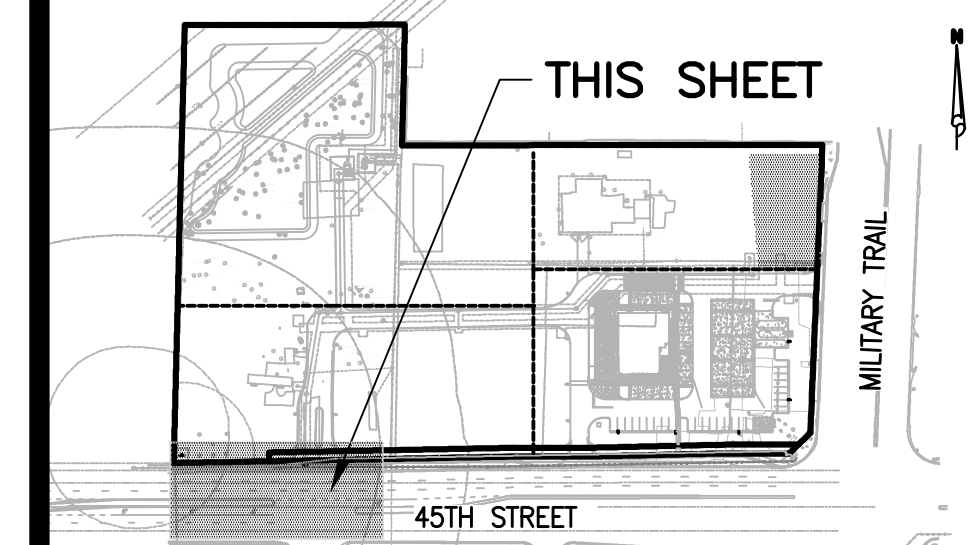
- A3-C" INLET NUMBER AND TYPE
- INLET TOP ELEVATION
- INVERT ELEVATION
- PROPOSED STORM SEWER AND CATCH BASIN
- PROPOSED STORM SEWER AND MANHOLE
- DIRECTION OF FLOW
- DIRECTION OF SWALE
- PROPOSED CONDUIT W/ PULL BOX (REFER TO PBC TYPICAL CONDUIT INSTALLATION DETAIL T-14)
- PROPOSED GRADE ELEVATION
- EXISTING GRADE ELEVATION
- P.B.C. R/W (ASPHALT, SEE THIS SHEET FOR SPECIFICATIONS)
- MILL & RESURFACE (SEE THIS SHEET FOR SPECIFICATIONS)
- CONCRETE
- DECORATIVE PAVEMENT/BRICK PAVERS
- DETECTABLE WARNING SURFACE
- SAWCUT, REMOVE, & REPLACE EXISTING PAVEMENT, CONCRETE, CURB, ETC.
- WHITE DIRECTIONAL ARROW
- 24" WHITE STOP BAR, "STOP" SIGN & (25') 6" DOUBLE YELLOW
- EXISTING OVERHEAD POWER LINE & POWER POLE
- EXISTING STORM DRAINAGE PIPE
- EXISTING WATER MAIN
- EXISTING SEWER MAIN
- EXISTING FORCE MAIN
- EXISTING CONDUIT
- EXISTING CONDUIT (TO BE REMOVED)

NOTES:

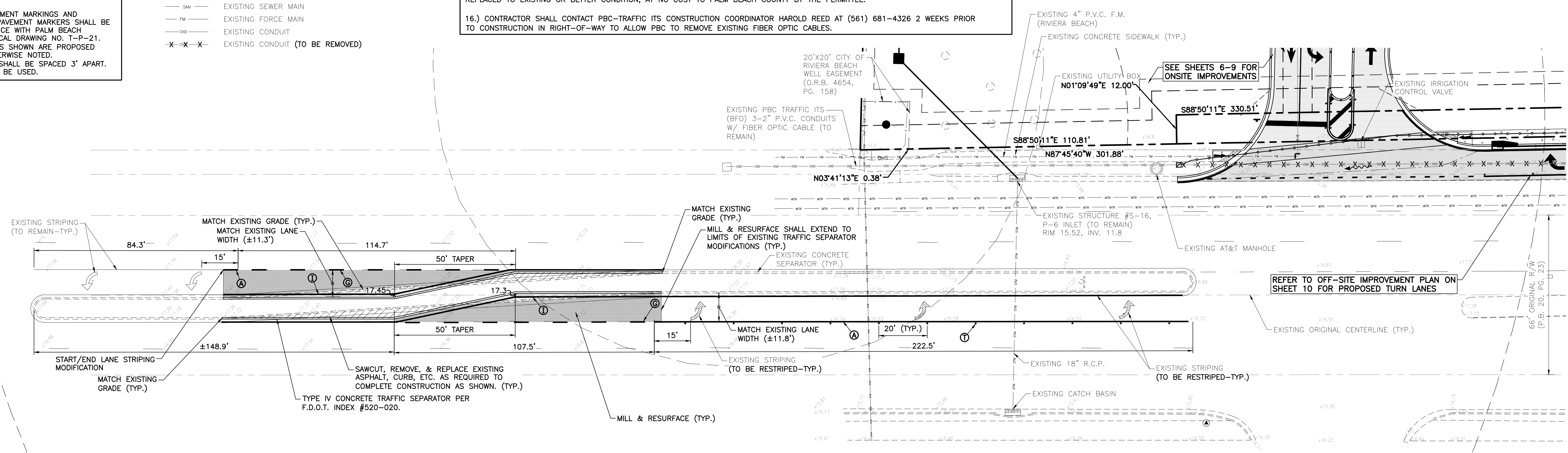
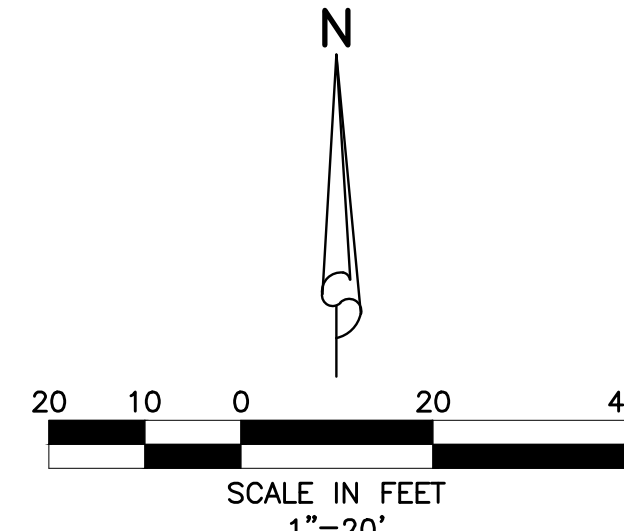
- 1.) CONTRACTOR TO FIELD VERIFY LOCATION, MATERIAL AND DEPTH OF ALL EXISTING UTILITIES PRIOR TO CONSTRUCTION AND NOTIFY ENGINEER OF ANY CONFLICTS. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO COORDINATE ALL EXISTING UTILITY LOCATES, SUPPORT, RELOCATIONS AND NOTIFICATIONS REQUIRED WITH ALL APPLICABLE UTILITY SERVICE PROVIDERS.
- 2.) CROSS SLOPE ON ALL SIDEWALKS & A.D.A. ACCESSIBLE ROUTES SHALL NOT EXCEED 2.0% AND THE LONGITUDINAL SLOPE SHALL NOT EXCEED 5.0%. RAMPS AS INDICATED SHALL NOT EXCEED 6' IN LENGTH & 12:1 SLOPE.
- 3.) ALL AFFECTED ROADWAYS ARE TO BE RESTORED FROM EOP TO EOP, LANE WIDTH MIN, AND 50' IN EITHER DIRECTION THOROUGHFARE) AND 25' MIN. RESTORATION (NON-THOROUGHFARE).
- 4.) IF ANY ADDITIONAL LANES ARE AFFECTED FOR ANY REASON DURING CONSTRUCTION, PB COUNTY R&B WILL REQUIRE THE ADDITIONAL LANES BE RESTORED TO LIKE OR BETTER THEN LIKE CONDITION AND TO EQUAL DIMENSIONS AS THE ADJACENT LANES.
- 5.) IF PB COUNTY SIDEWALK/PATHWAY/C&G/AND OR ADA FACILITIES ARE AFFECTED, PB COUNTY R&B WILL REQUIRE RESTORATION OF MINIMUM OF 10' AND TO BE LIKE OR BETTER THEN LIKE CONDITION PER FDOT/PB COUNTY STANDARDS.
- 6.) SIDEWALKS WILL BE RESTORED BY REPLACING: TWO FLAGS IF THE POINT OF CONSTRUCTION IS LOCATED BETWEEN CONTROL JOINTS. NO PARTIAL JOINTS ACCEPTED (PER SITUATION).
- 7.) ALL EXISTING STRIPING WITHIN AFFECTED AREA SHALL BE REMOVED WITH SILICA BLASTING OR APPROVED EQUAL & RE-STRIPED AS SHOWN. P.B.C. RESERVES THE RIGHT TO REJECT RE-STRIPING MODIFICATIONS IF FINISHED PRODUCT IS NOT SATISFACTORY.
- 8.) ALL ROADSIDE SWALE SLOPES AFFECTED BY SIDEWALK AND DRIVEWAY IMPROVEMENTS SHALL BE RE-GRADED AND STABILIZED TO MATCH EXISTING CONDITIONS.
- 9.) ALL CONSTRUCTION AND RESTORATION WORK WITHIN PALM BEACH COUNTY RIGHT-OF-WAY SHALL COMPLY WITH THE LATEST EDITION OF THE F.D.O.T. DESIGN STANDARDS AND THE F.D.O.T. STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
- 10.) THE REQUIRED MINIMUM PERIMETER ELEVATION WILL BE EQUAL TO OR GREATER THAN THE 25 YEAR - 3 DAY PEAK STAGE ELEVATION. (16.3 N.A.V.D.)
- 11.) CONTRACTOR SHALL CONTACT PALM BEACH COUNTY TRAFFIC OPERATIONS AT (561) 233-3900 48 HOURS PRIOR TO CONSTRUCTION, IF ANY WORK IS BEING DONE WITHIN 10 FEET OF A SIGNALIZED INTERSECTION.
- 12.) ANY DAMAGE TO PBC-TRAFFIC I.T.S. FACILITIES CAUSED BY CONSTRUCTION OF THIS PROJECT MUST BE REPAIRED OR REPLACED TO ORIGINAL OR BETTER CONDITION BY THE PERMITEE AT NO COST TO PALM BEACH COUNTY. IN THE EVENT OF DAMAGE TO PBC-TRAFFIC ITS FACILITIES CONTACT HAROLD REED, PBC-TRAFFIC ITS CONSTRUCTION COORDINATOR (561) 681-4326.
- 13.) PALM BEACH COUNTY (PBC) RESERVES THE RIGHT TO DETERMINE IF DAMAGED PBC FACILITIES WILL BE REPAIRED OR REPLACED.
- 14.) IF EXISTING PALM BEACH COUNTY STORM DRAINAGE PIPES/STRUCTURE ARE AFFECTED IN ANYWAY DURING CONSTRUCTION, PALM BEACH COUNTY R&B WILL REQUIRE FULL RESTORATION OF AFFECTED SYSTEM TO EXISTING OR BETTER CONDITION, AND IN ACCORDANCE WITH PALM BEACH COUNTY & F.D.O.T. STANDARDS.
- 15.) IF PROPOSED WORK DAMAGES PALM BEACH COUNTY ROADWAY AND/OR SIDEWALK IT WILL BE CONSTRUCTED, REPAIRED OR REPLACED TO EXISTING OR BETTER CONDITION, AT NO COST TO PALM BEACH COUNTY BY THE PERMITEE.
- 16.) CONTRACTOR SHALL CONTACT PBC-TRAFFIC ITS CONSTRUCTION COORDINATOR HAROLD REED AT (561) 681-4326 2 WEEKS PRIOR TO CONSTRUCTION IN RIGHT-OF-WAY TO ALLOW PBC TO REMOVE EXISTING FIBER OPTIC CABLES.



LOCATION MAP
NOT TO SCALE



KEY MAP
NOT TO SCALE



DATUM NOTES:
 1.) ALL ELEVATIONS SHOWN HEREON ARE RELATIVE TO THE NORTH AMERICAN VERTICAL DATUM (N.A.V.D.) OF 1988 BASED ON A SURVEY PREPARED BY LIDBERG LAND SURVEYING, INC. (561) 746-8454.
 2.) AN APPROXIMATE CONVERSION BETWEEN THE NATIONAL GEODETIC VERTICAL DATUM (N.G.V.D.) OF 1929 AND N.A.V.D. CAN BE MADE BY ADDING 1.5' TO THE N.A.V.D. ELEVATION TO OBTAIN THE N.G.V.D. ELEVATION.

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1.) REVISED STRIPING PER P.B.C. TRAFFIC, 05/06/21 B.L.

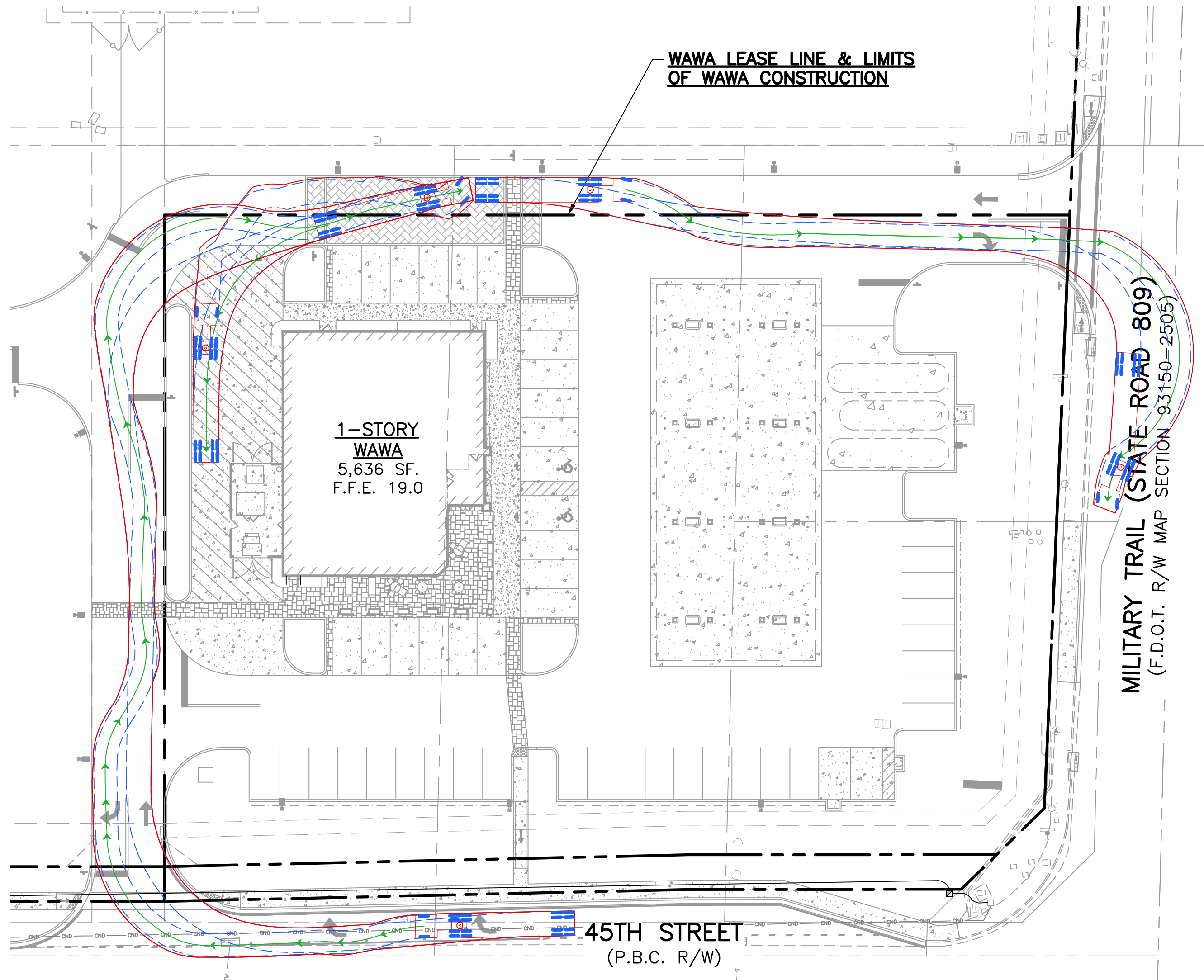
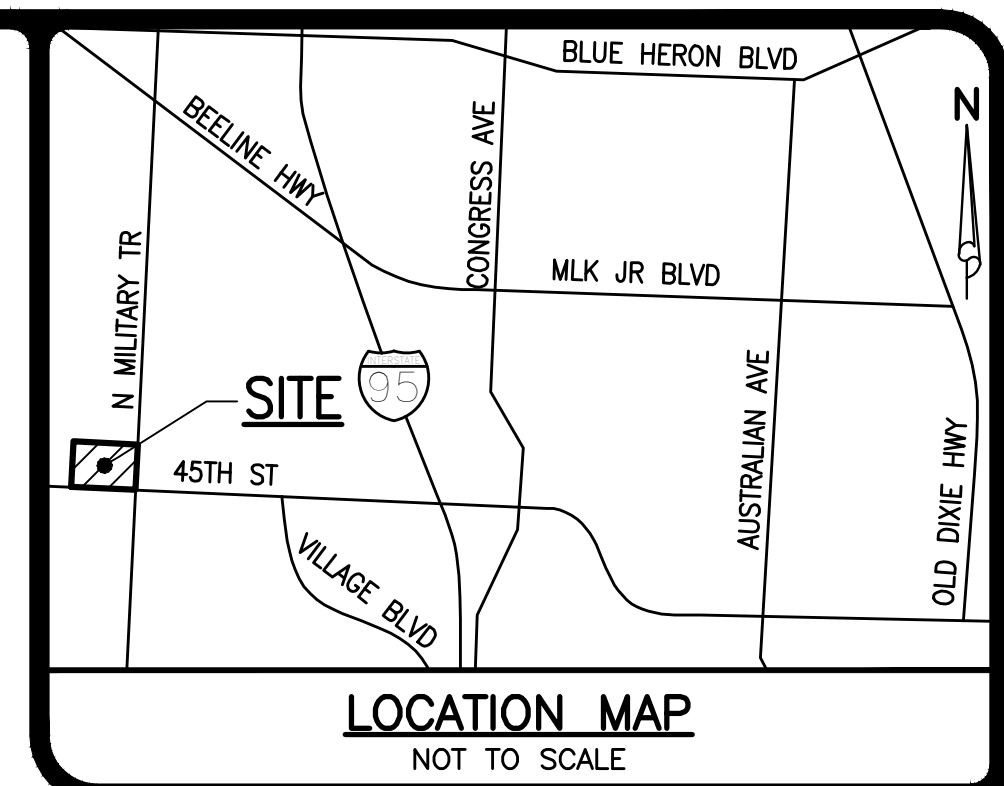
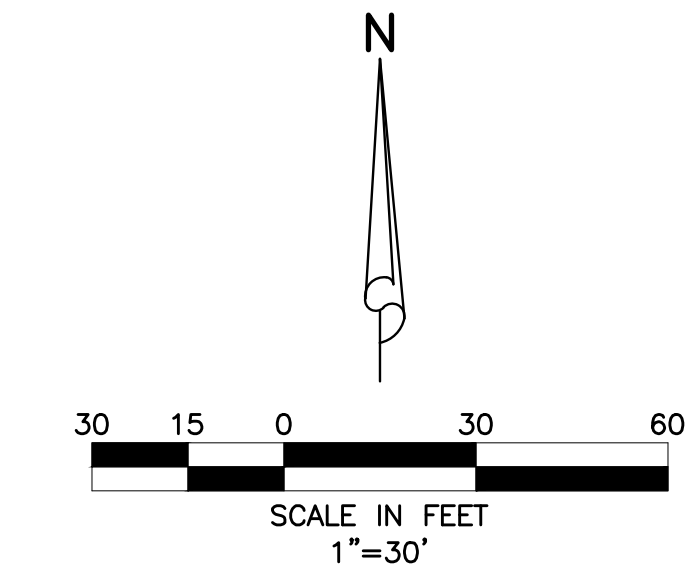
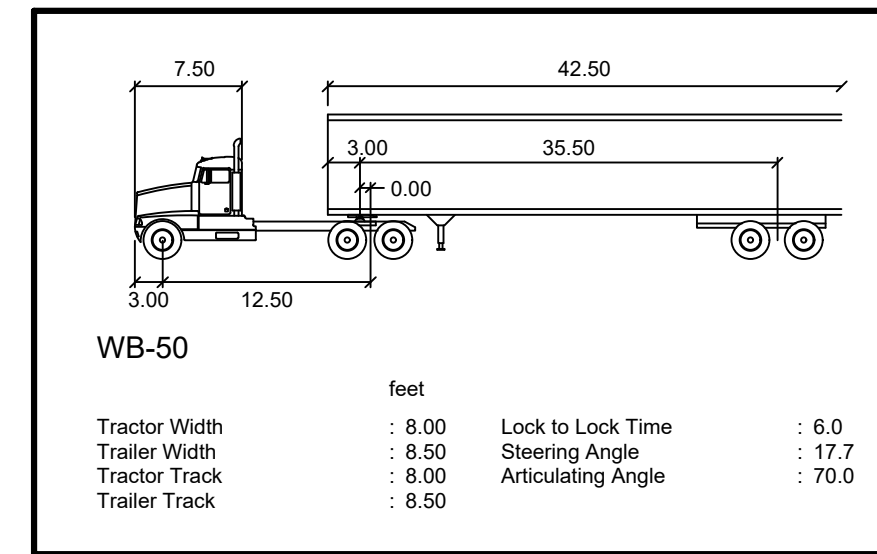
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	C.B.	B.L.			

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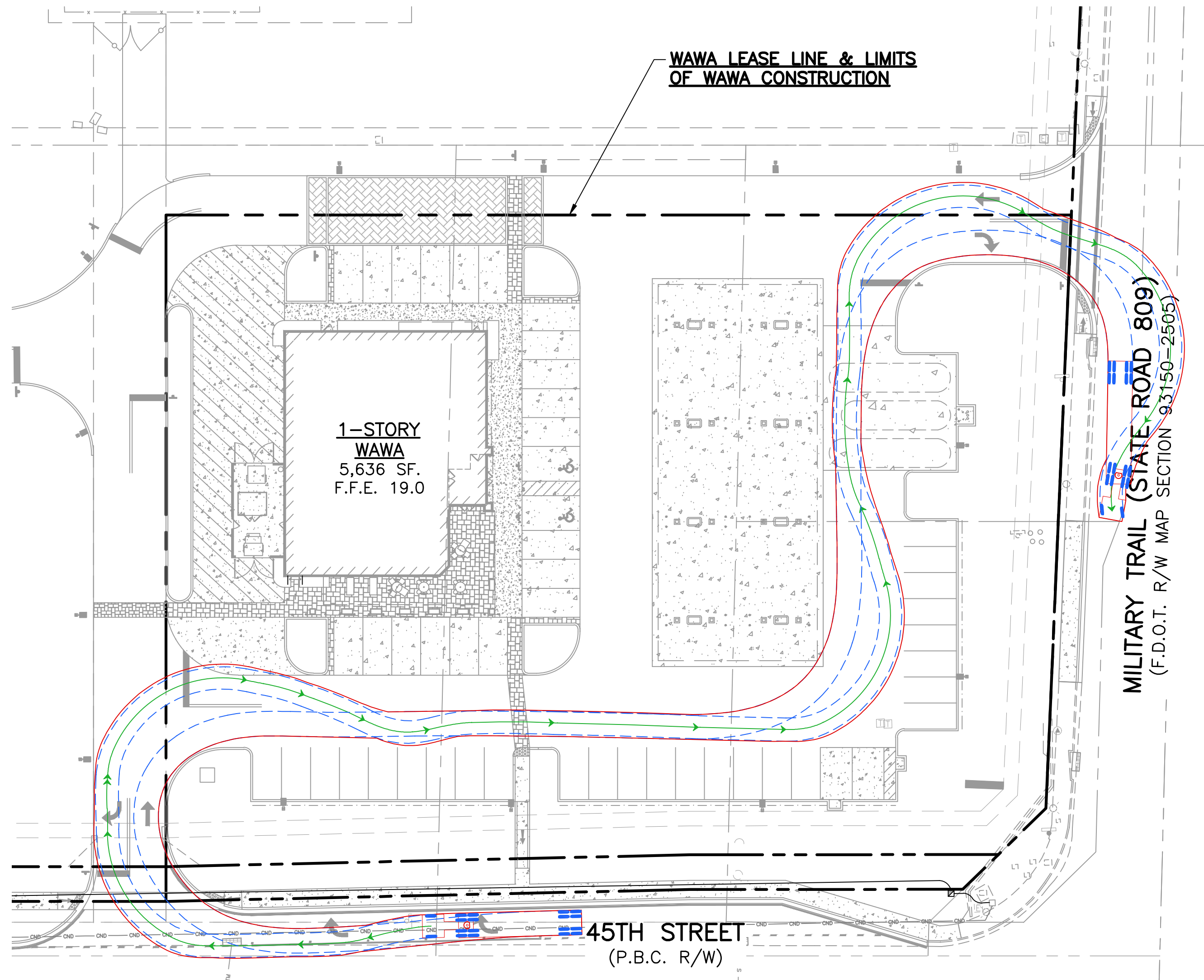
PRIME CORNER - PHASE 1
 SECTION 01, TOWNSHIP 43S., RANGE 42E.
 CITY OF WEST PALM BEACH, FLORIDA
OFF-SITE IMPROVEMENT PLAN

JOB NO. 18-154	DRAWING NO. 18154S10A	SHEET 10A OF 26
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48 HOURS BEFORE DIGGING
 BROWARD • PALM BEACH • INDIAN RIVER
 ST. LUCIE • MARTIN COUNTIES
 SUNSHINE STATE 1 CALL
 1-800-432-4770
 UNDERGROUND UTILITIES
 NOTIFICATION CENTER



**WAWA FOOD MARKET LOADING TRUCK (WB-50)
CIRCULATION PLAN**



**WAWA FOOD MARKET FUEL TRACK (WB-50)
CIRCULATION PLAN**

JESSE J. PARRISH, IV, P.E., STATE OF FLORIDA,
PROFESSIONAL ENGINEER, LICENSE NO. 85433

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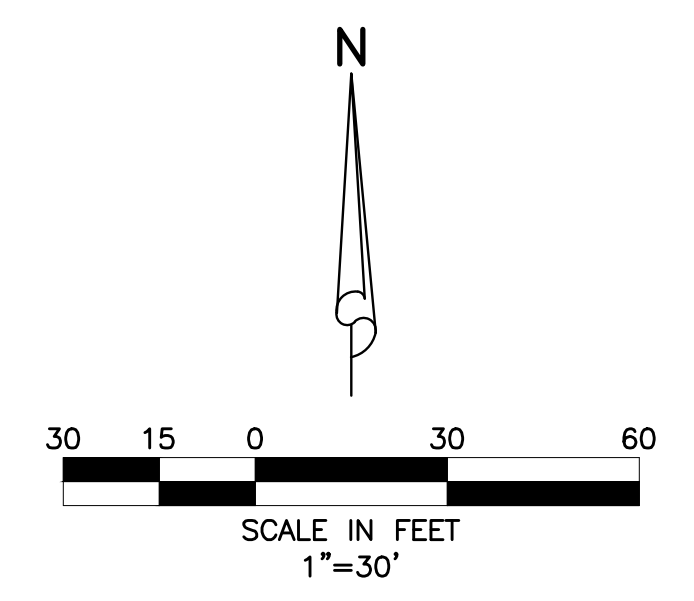
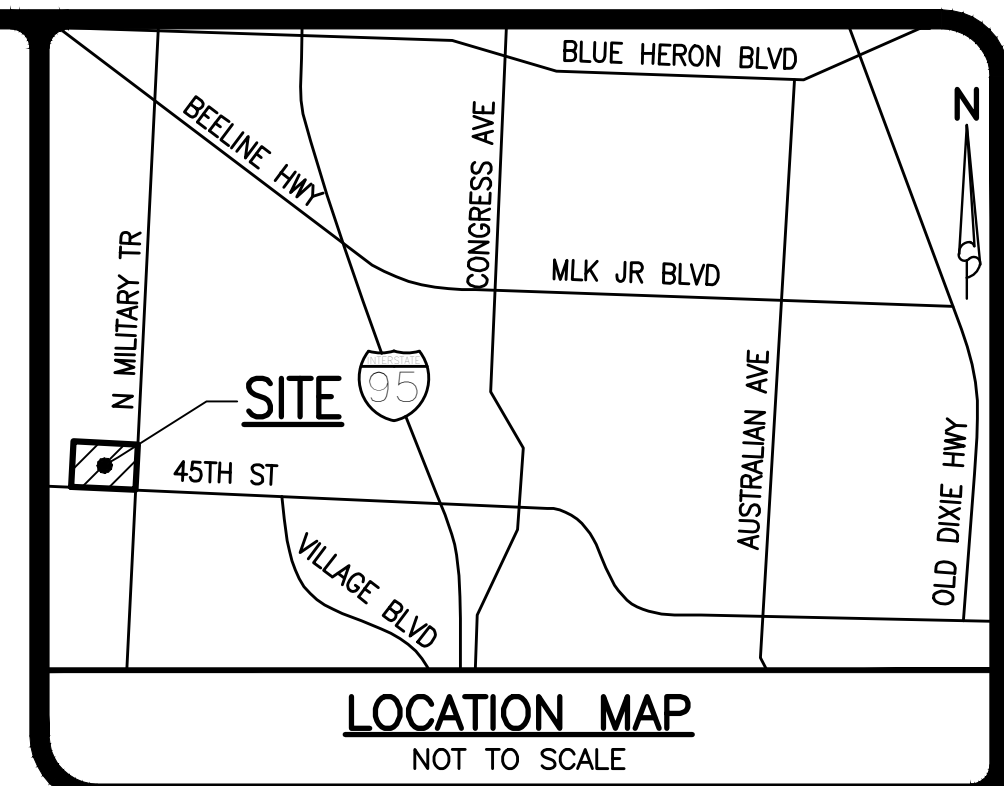
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G.B.	B.L.			

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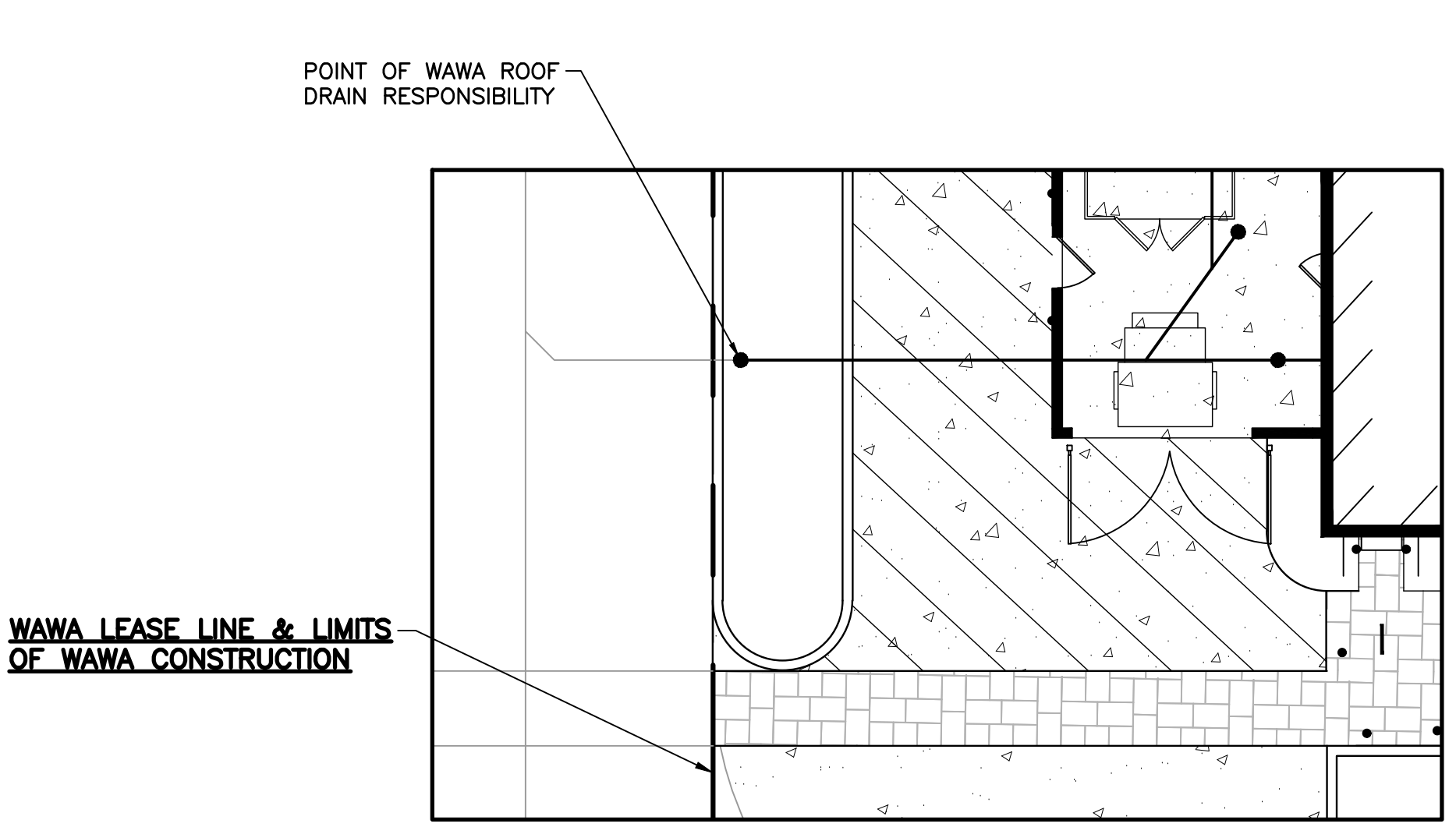
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PRIME CORNER – PHASE 1
SECTION 01, TOWNSHIP 43S., RANGE 42E.
CITY OF WEST PALM BEACH, FLORIDA
VEHICULAR MOVEMENT PLAN

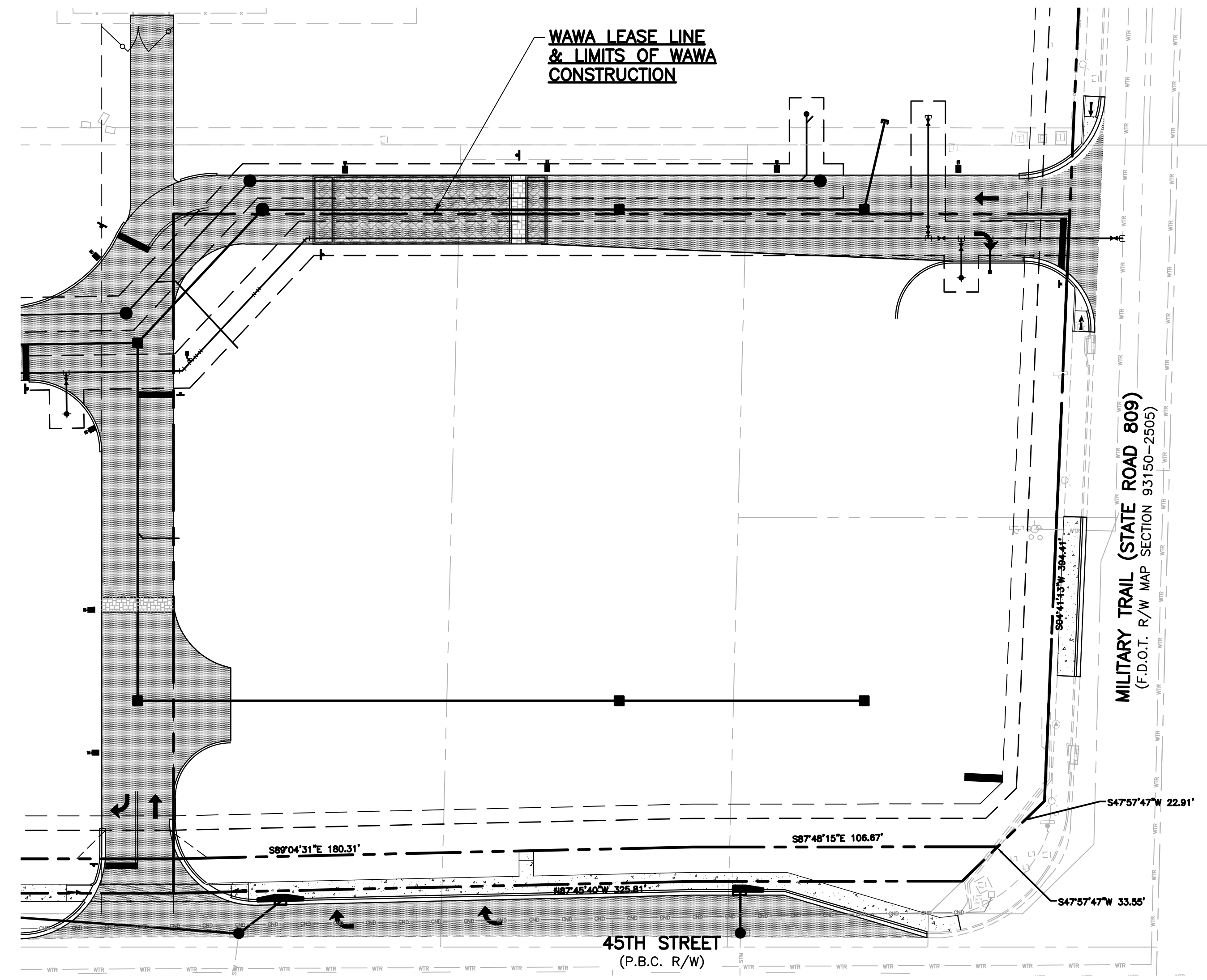
JOB NO. 18-154	DRAWING NO. 18154S11	SHEET 11 OF 26
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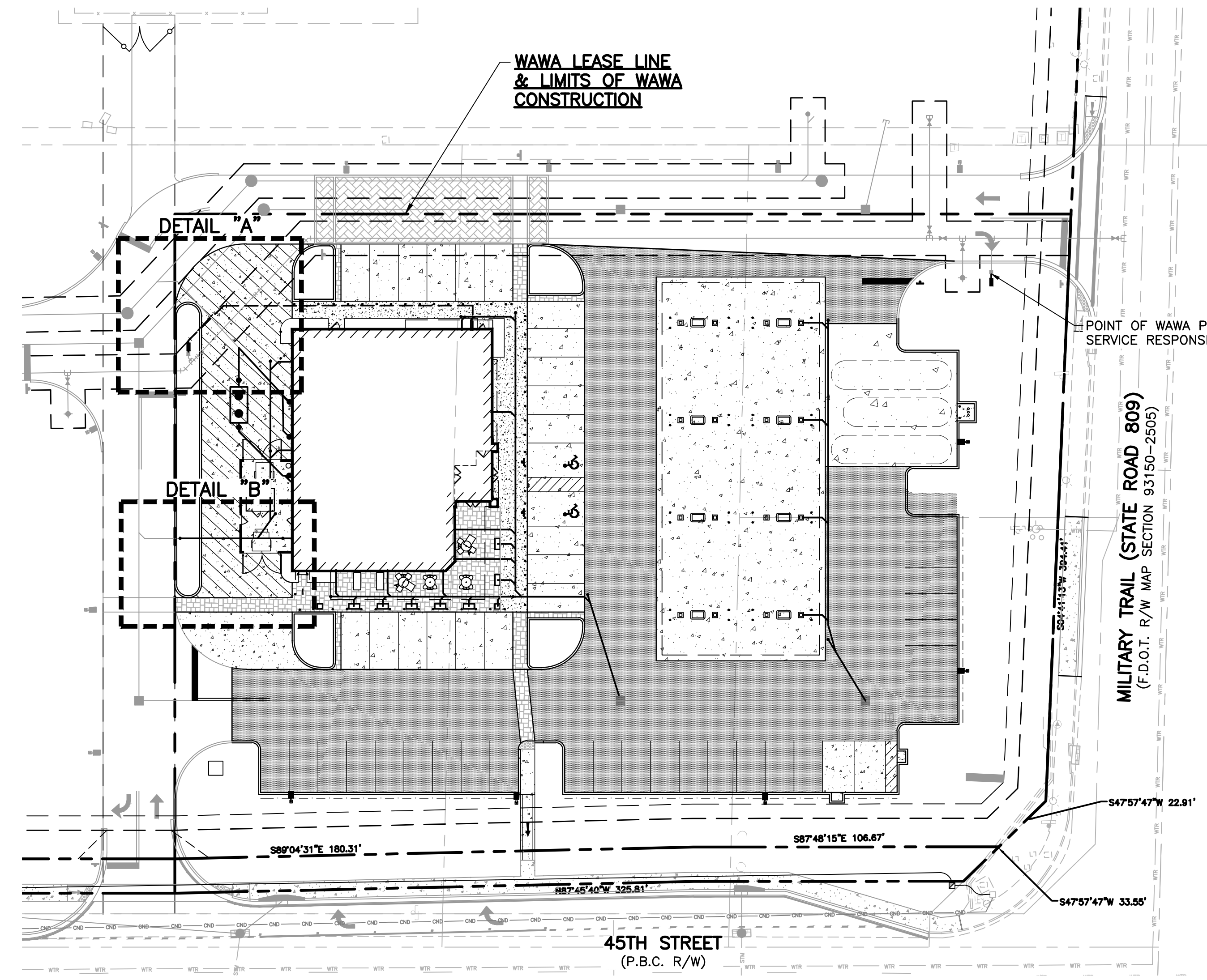
DETAIL "A"
WATER & SANITARY SEWER CONNECTION
SCALE 1"=10'



DETAIL "B"
ROOF DRAIN CONNECTION
SCALE 1"=10'



DEVELOPER RESPONSIBILITY EXHIBIT
SCALE 1"=30'



WAWA RESPONSIBILITY EXHIBIT
SCALE 1"=30'

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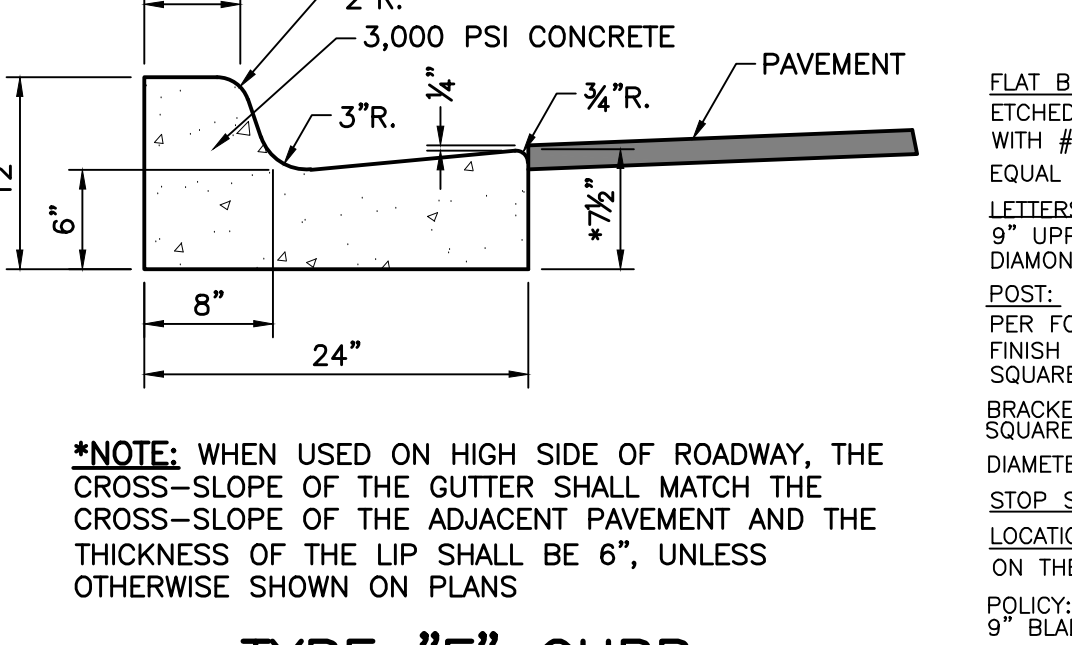
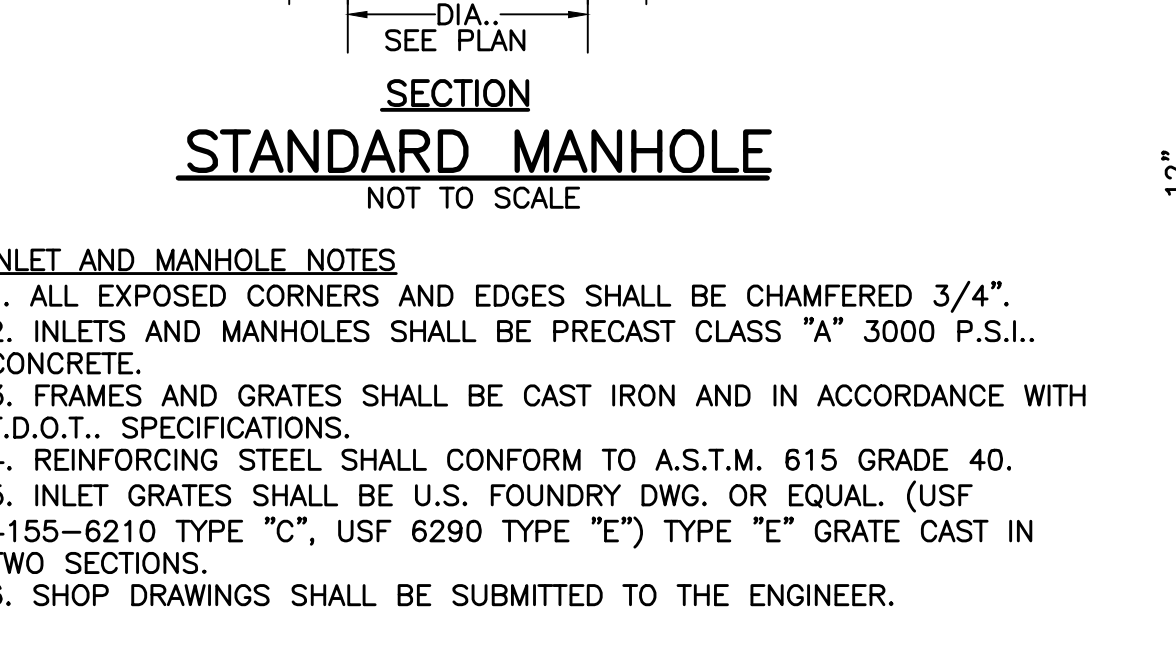
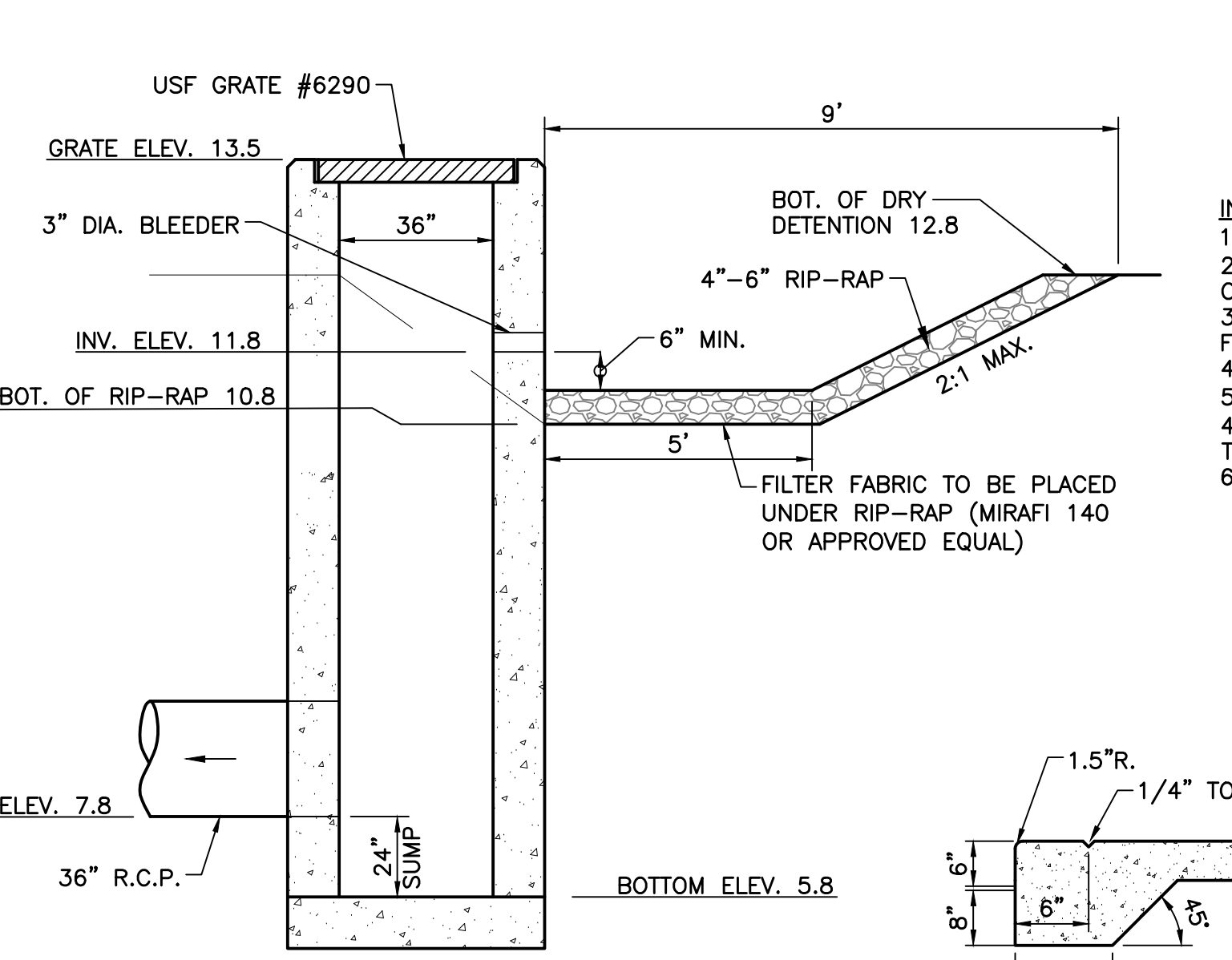
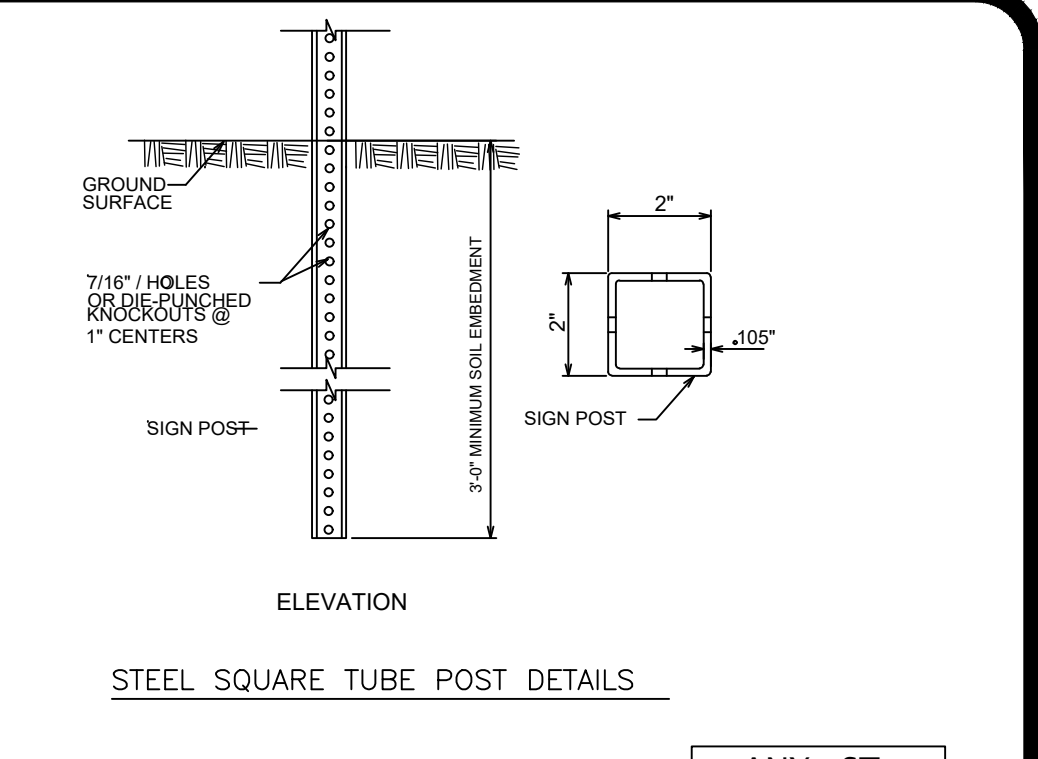
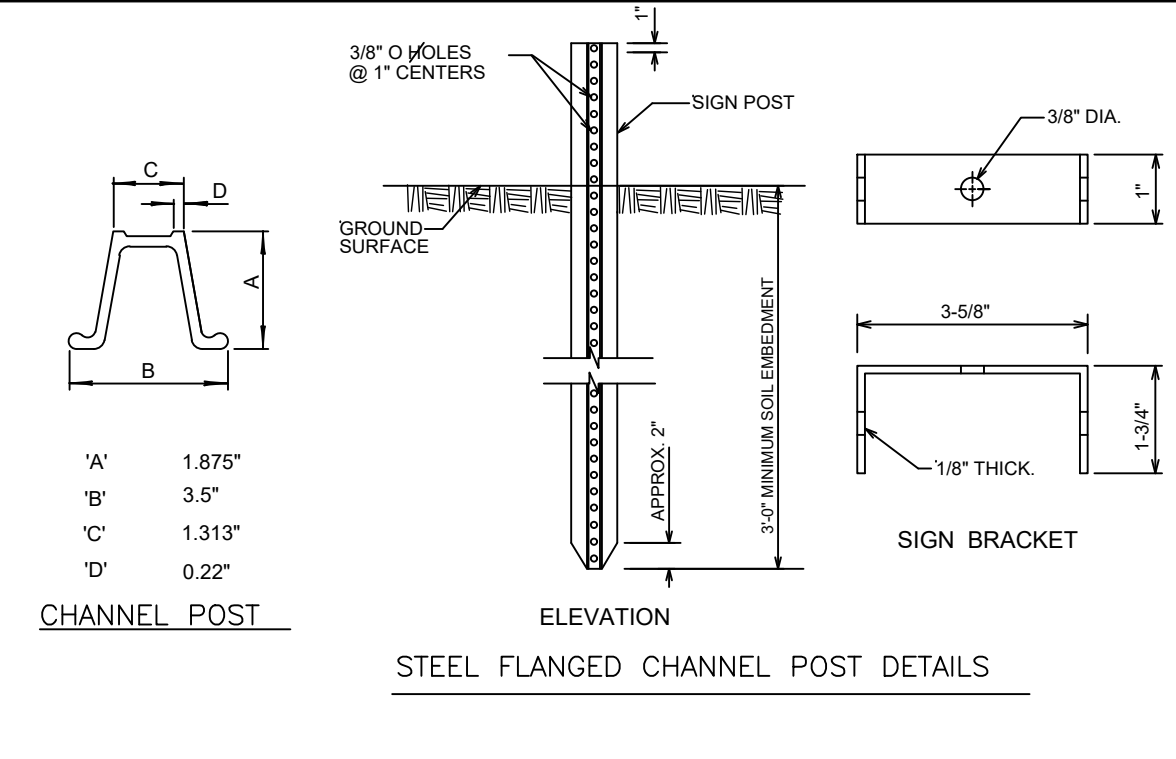
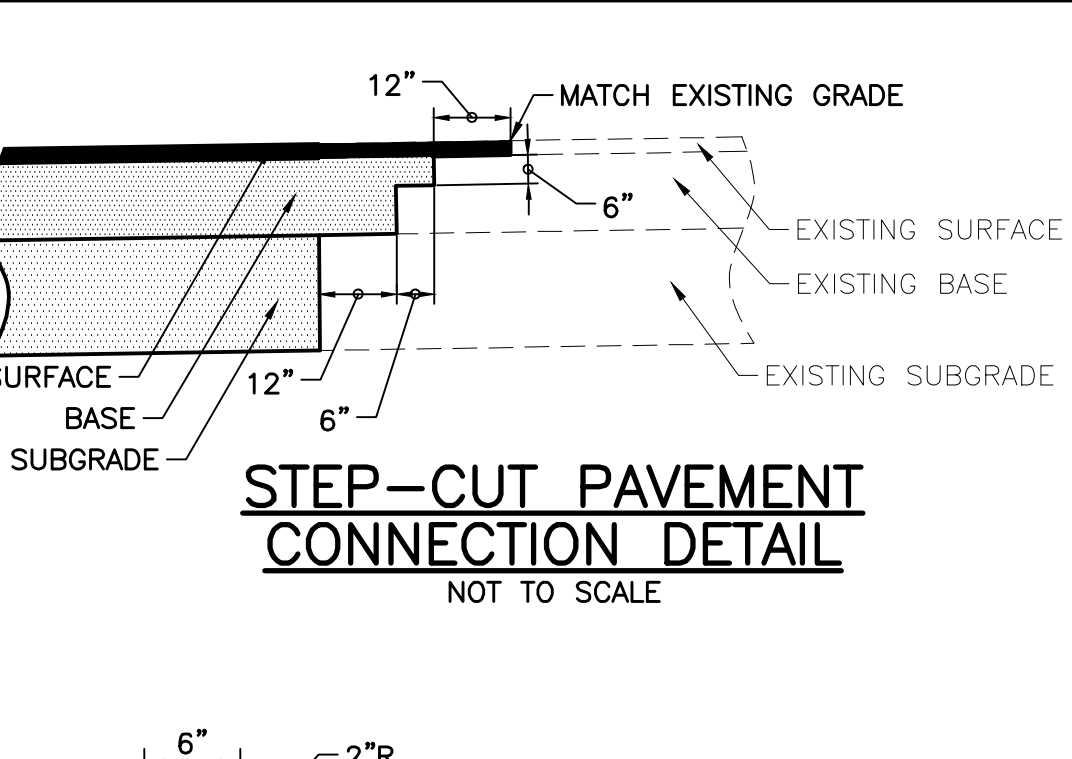
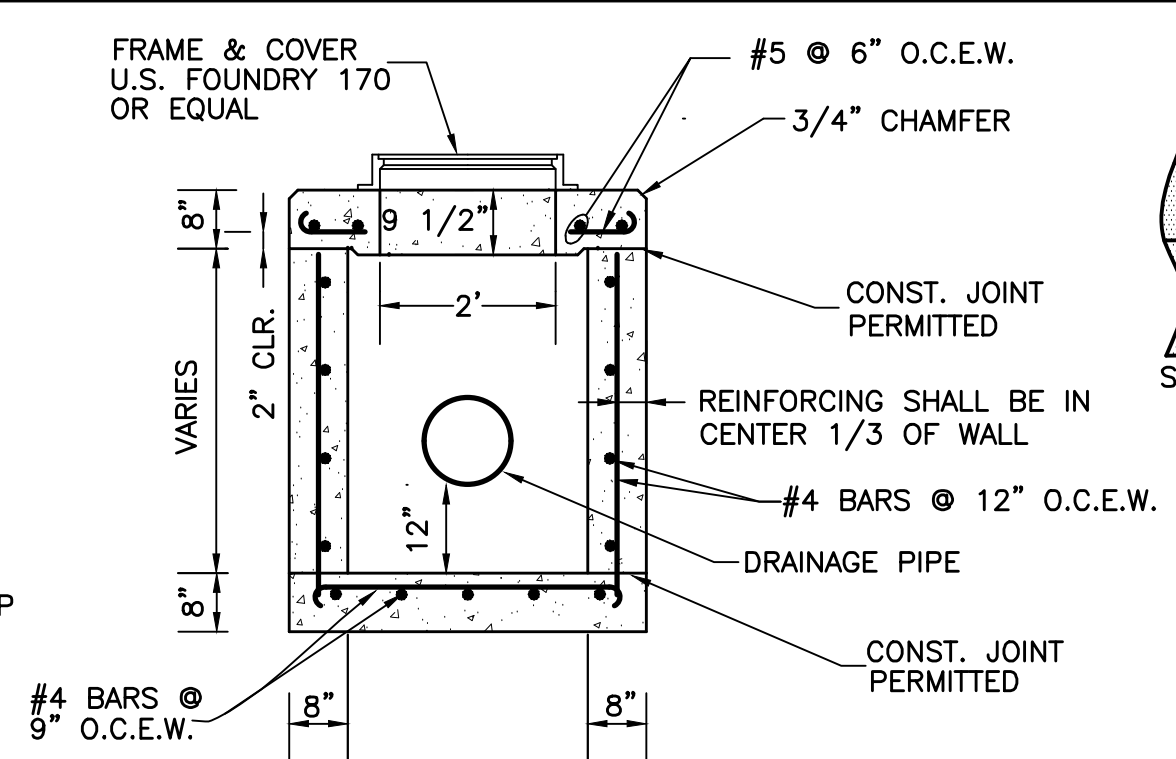
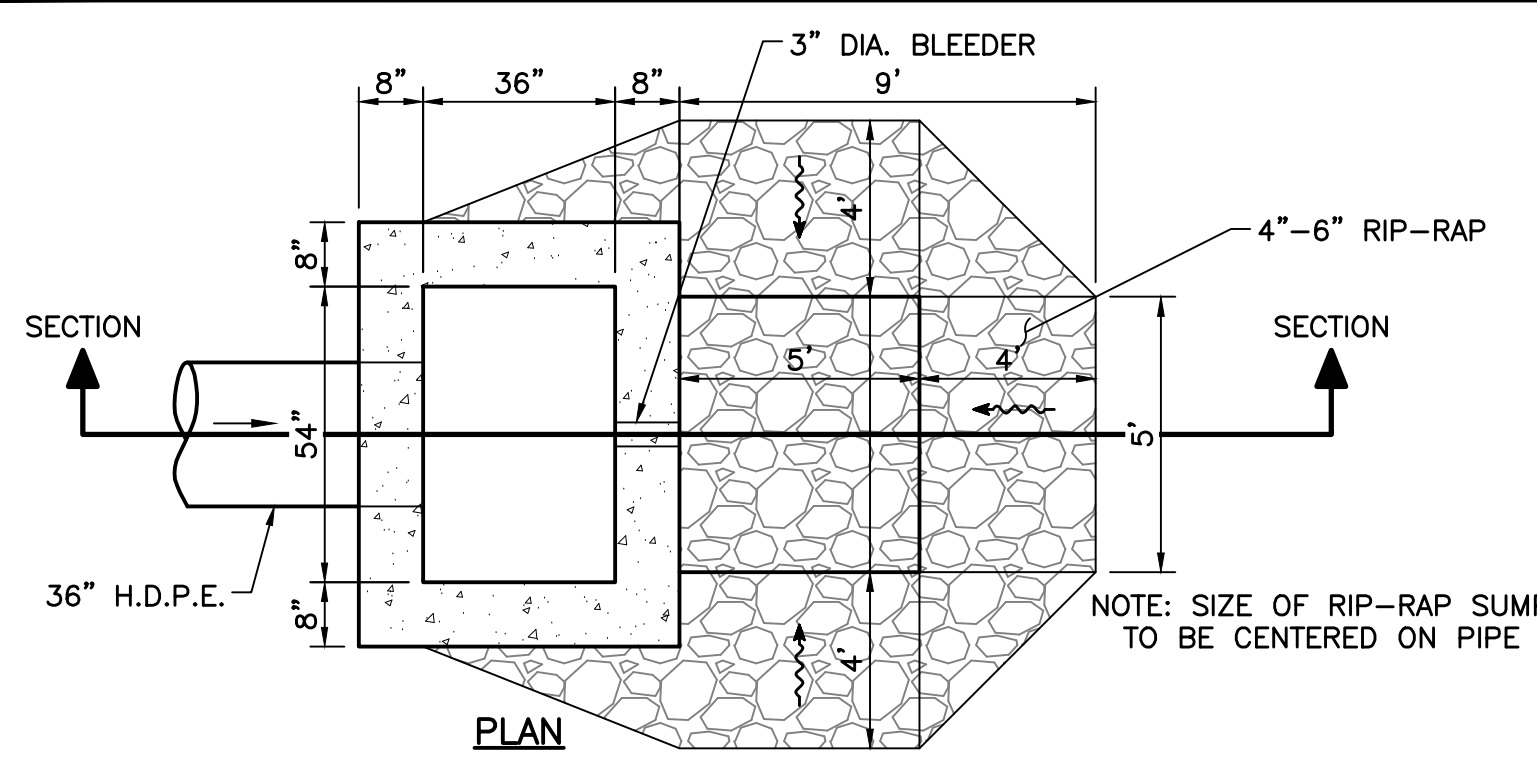
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DESIGN	C.B.
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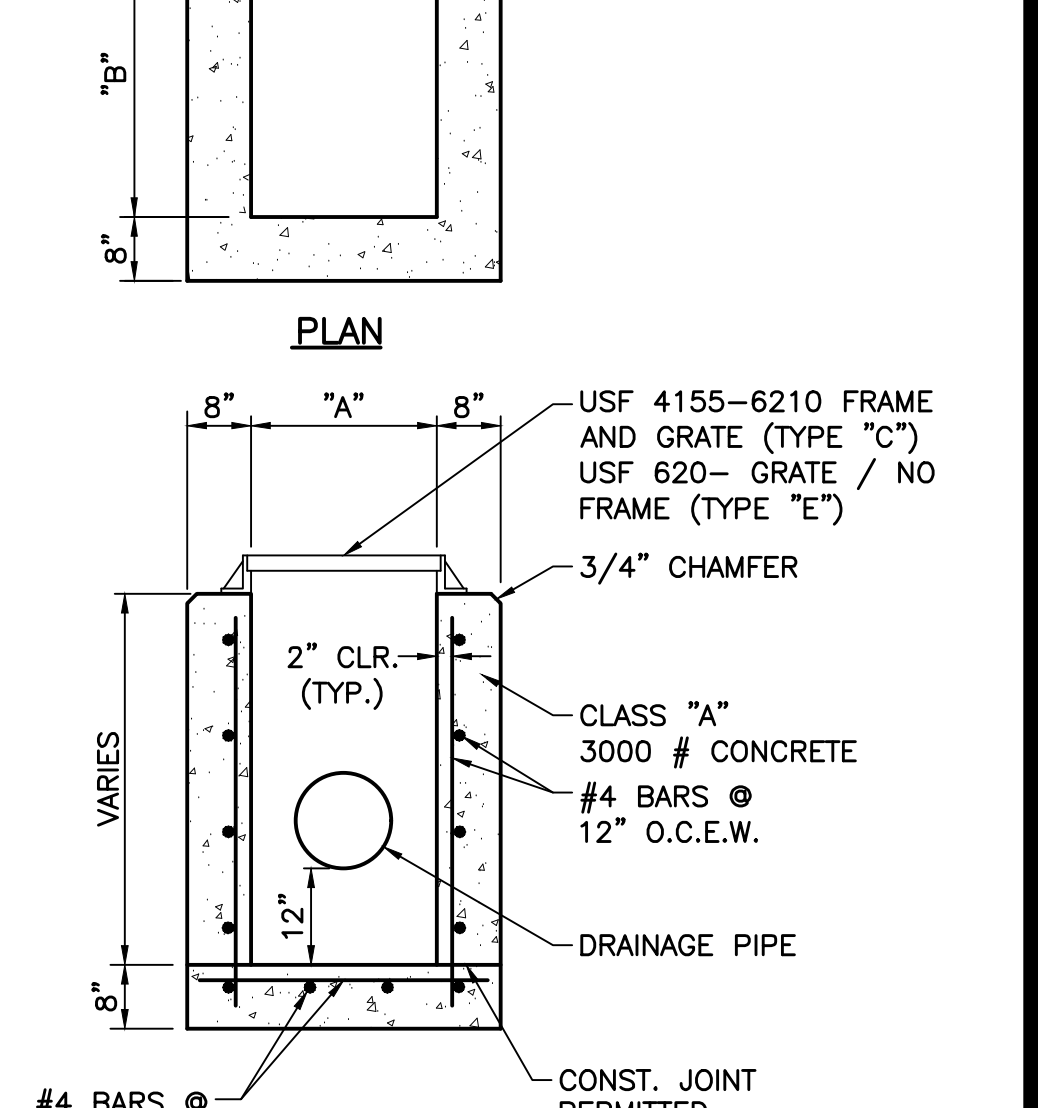
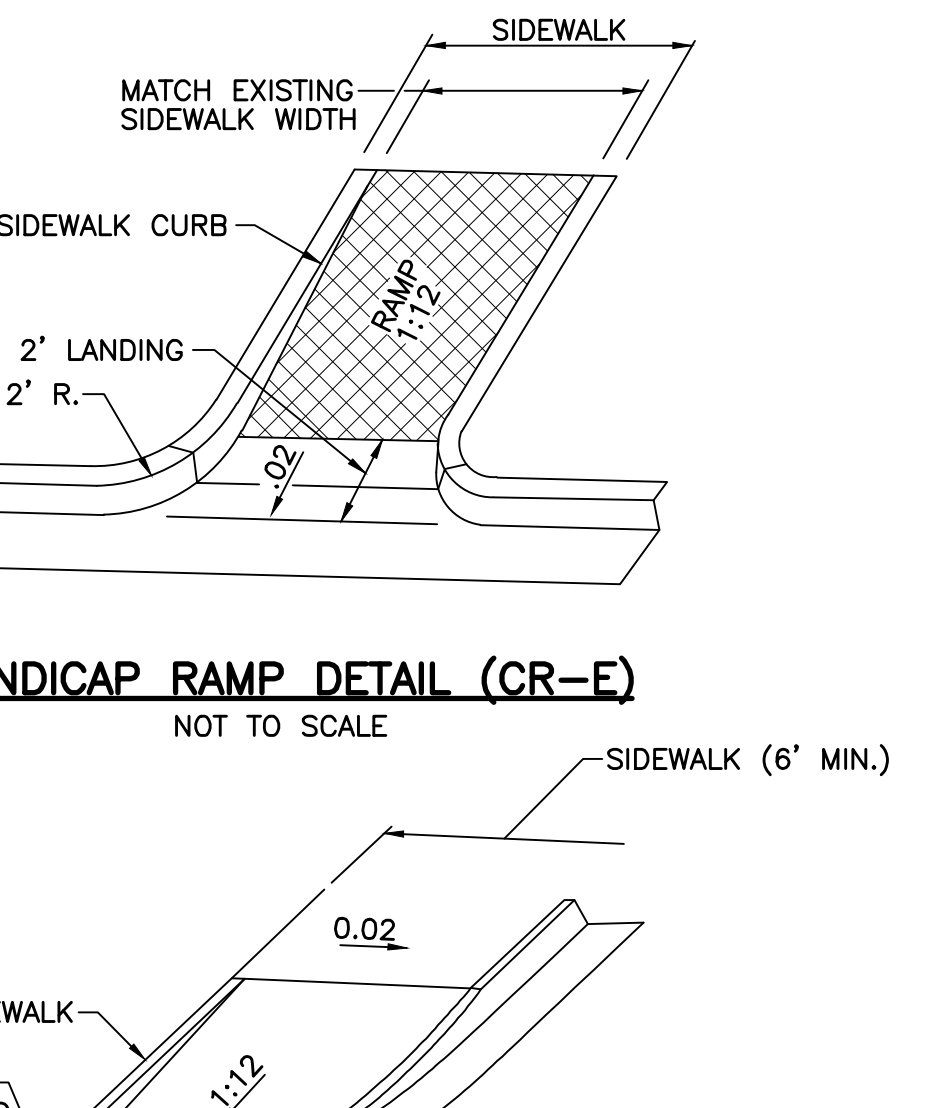
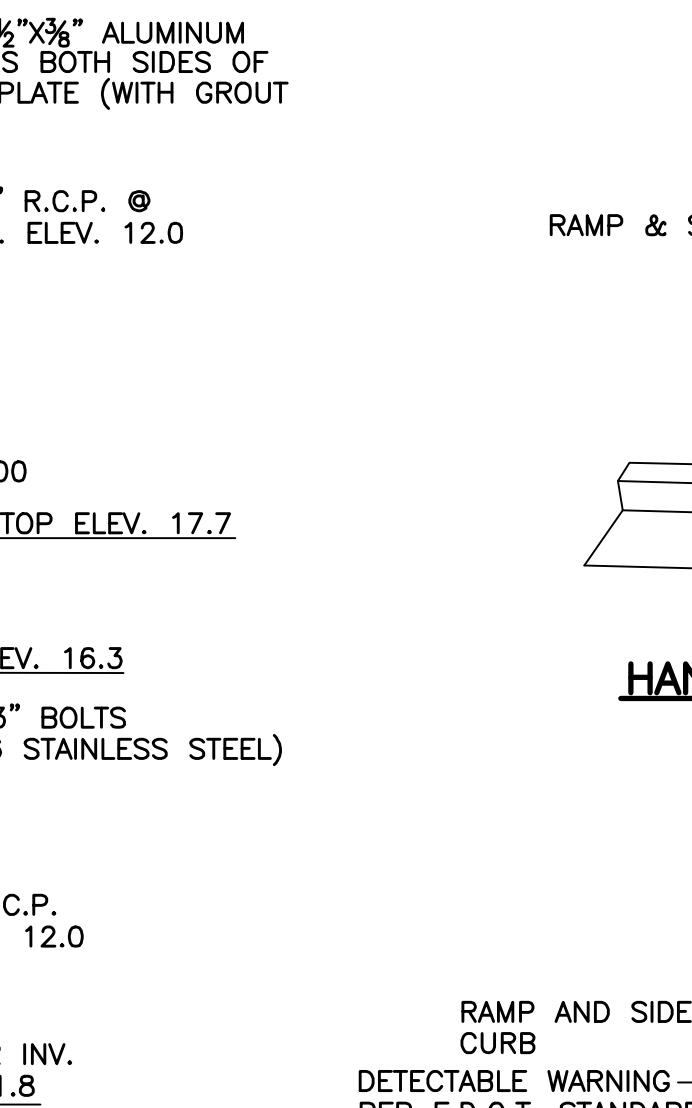
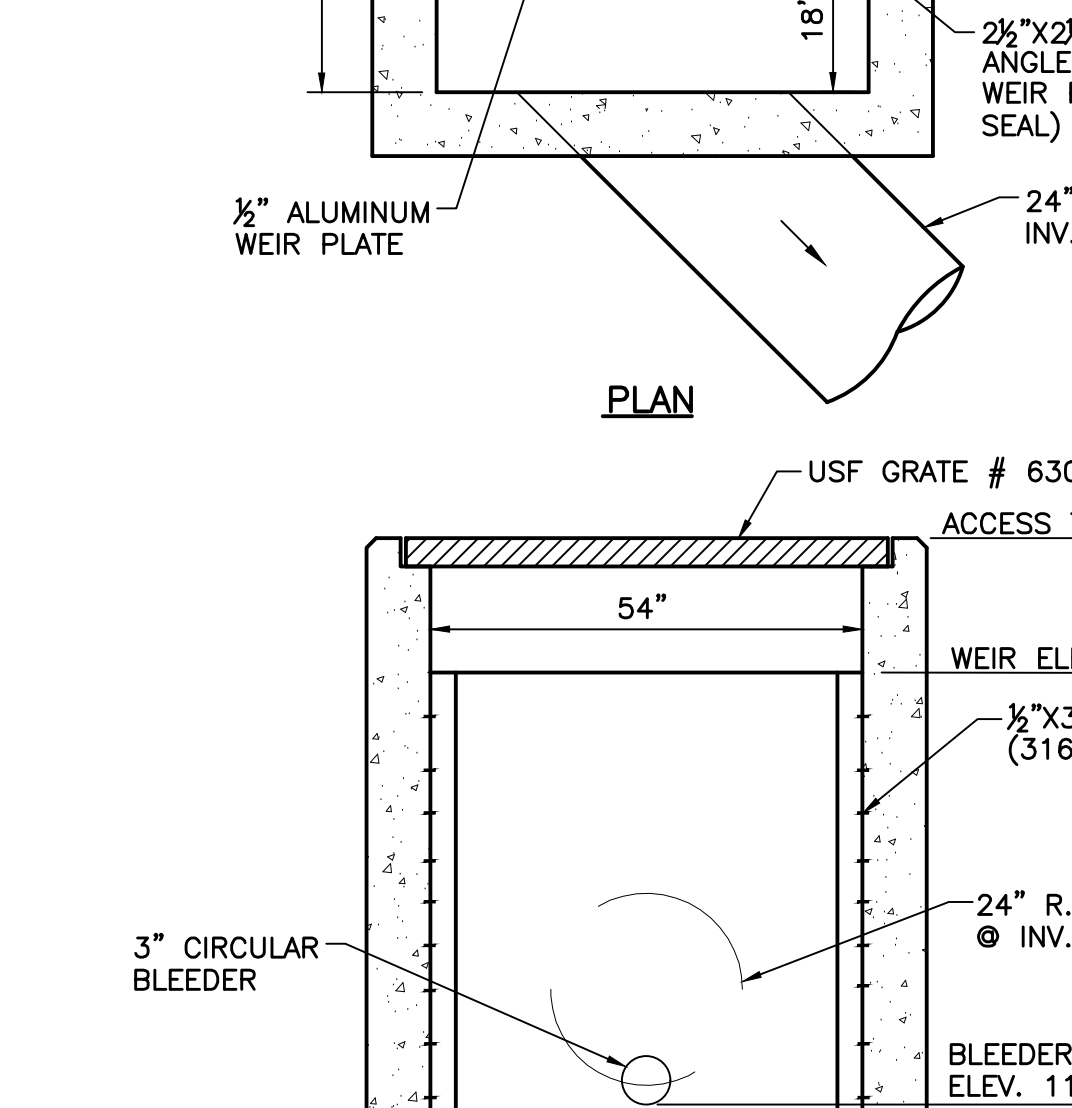
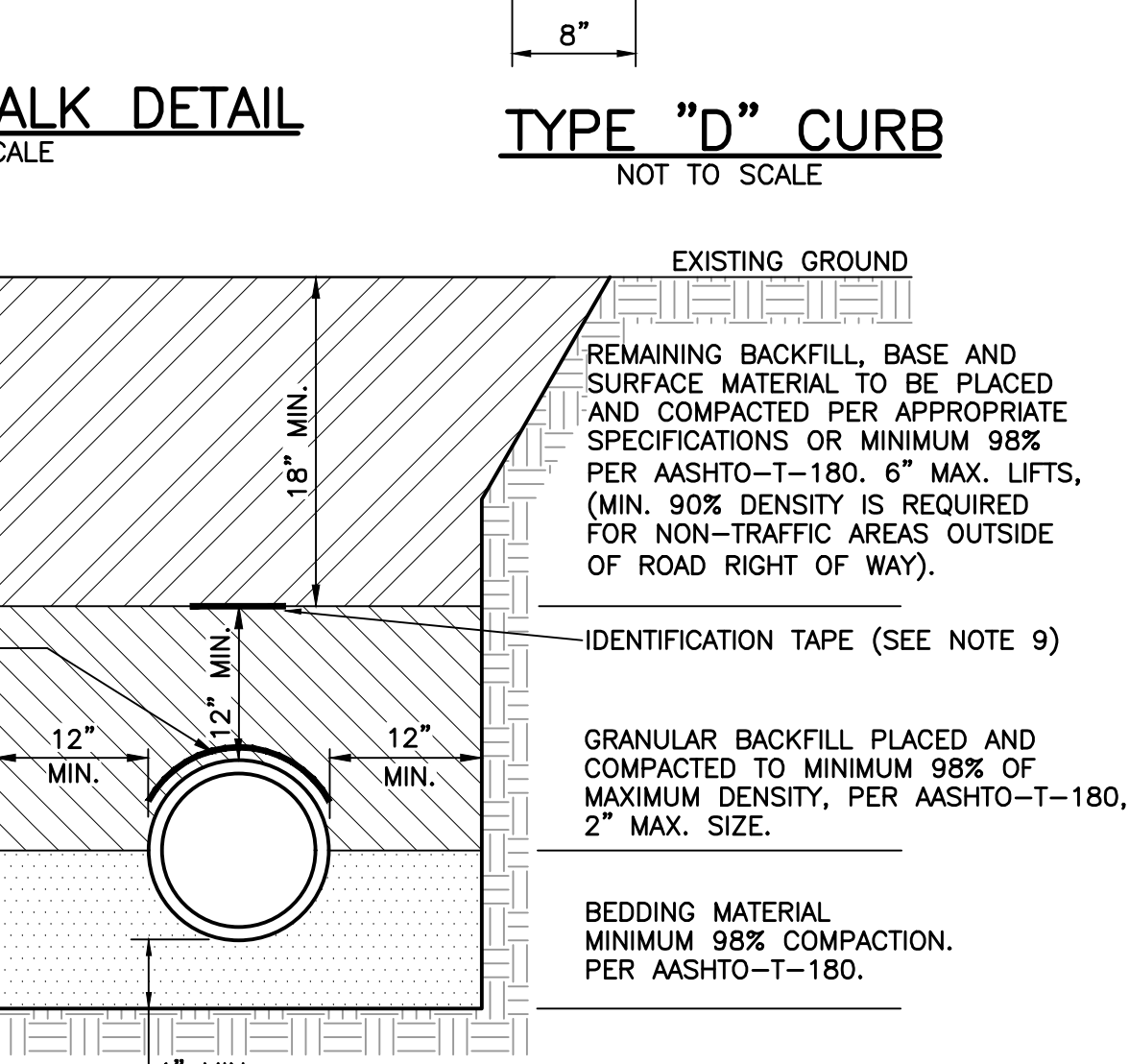
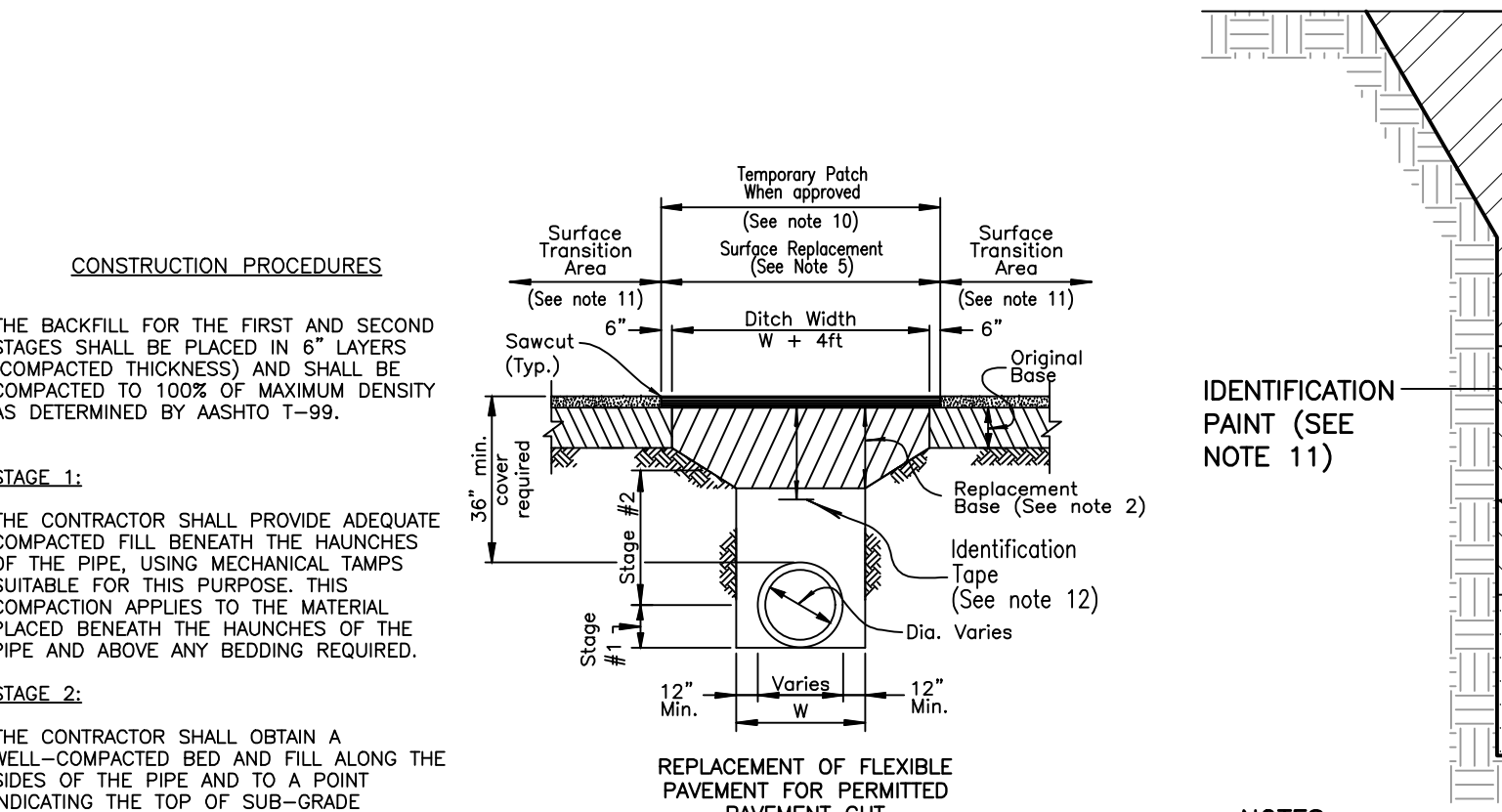
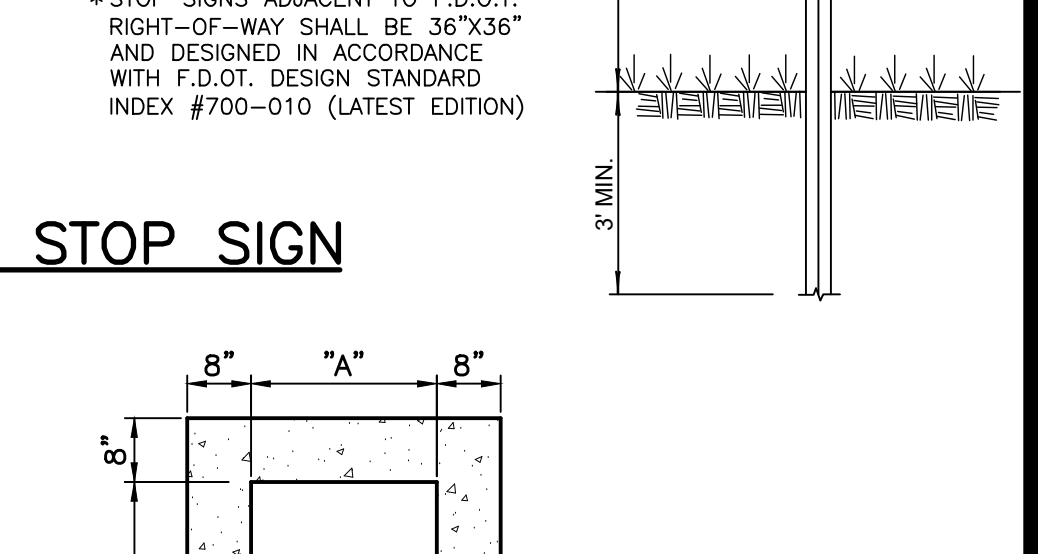
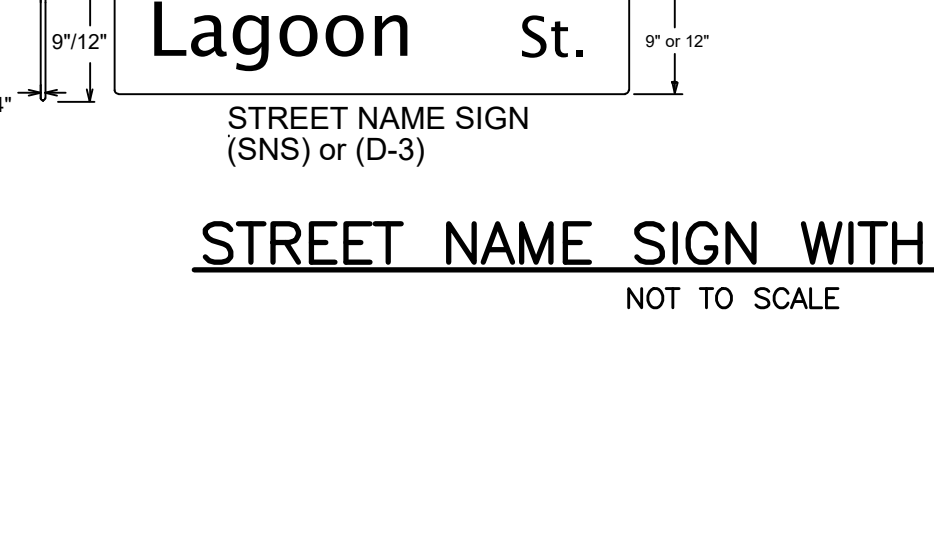
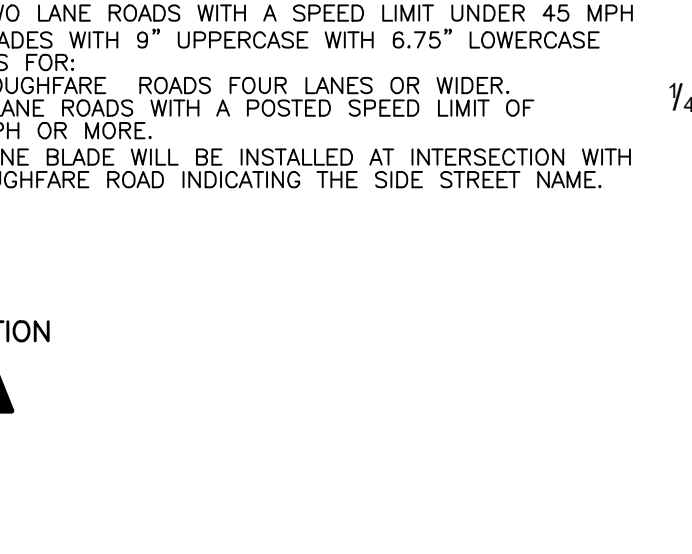
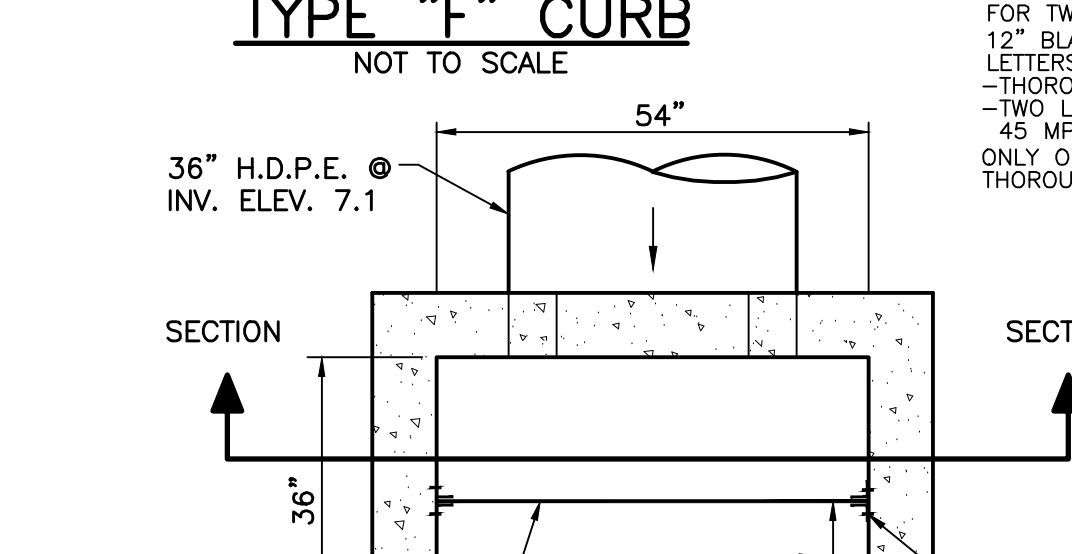
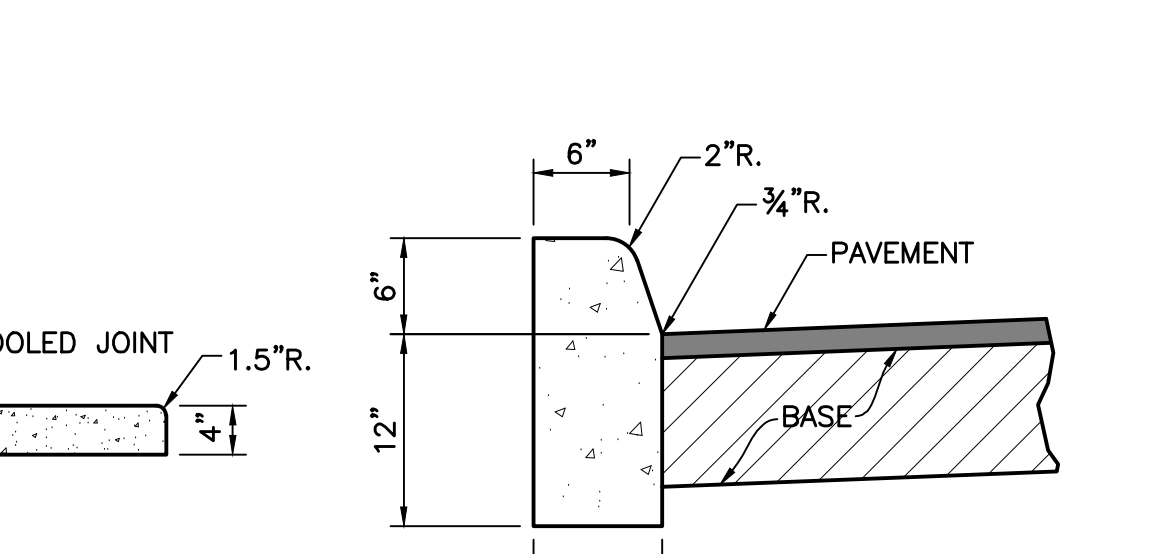
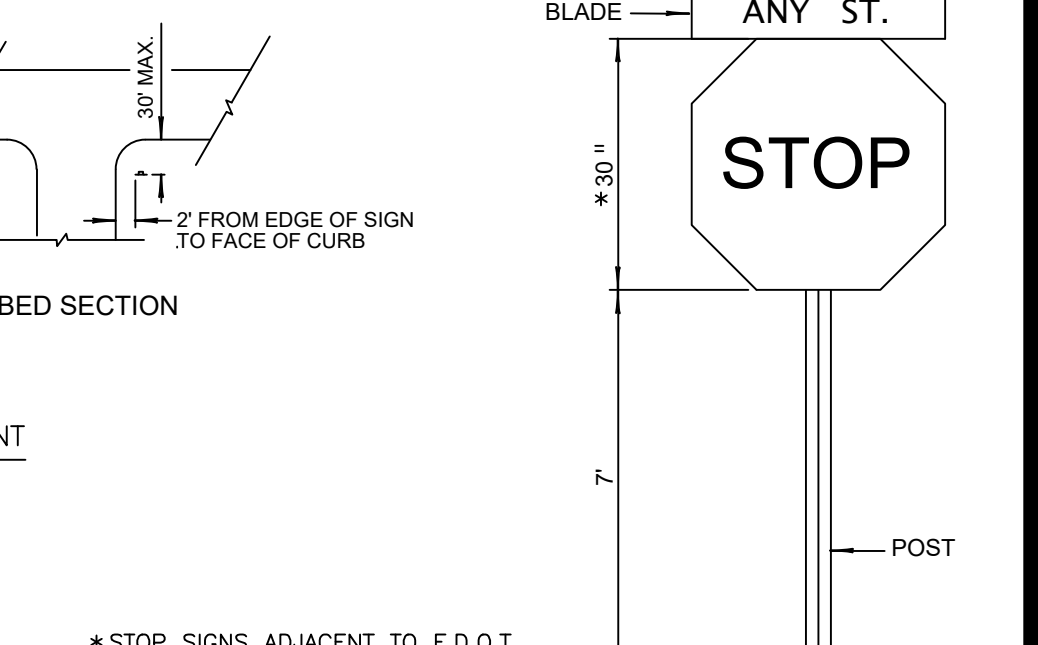
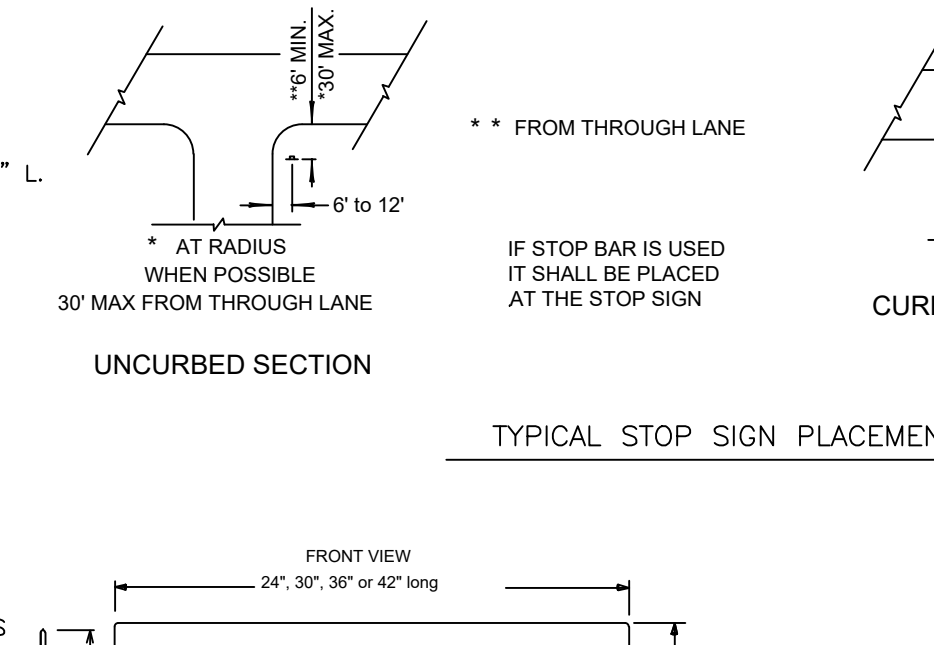
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C.B.	B.L.			

PRIME CORNER – PHASE 1
 SECTION 01, TOWNSHIP 43S., RANGE 42E.
 CITY OF WEST PALM BEACH, FLORIDA
WORK RESPONSIBILITY PLAN

JOB NO.	DRAWING NO.	SHEET	OF
18-154	18154S12	12	26



GENERAL SPECIFICATIONS:
 FLAT BLADE, ALCOA #86054-6063-T6 ALLOY, ETCHED, DEGRADED WITH #1200 ALDINE FINISH WITH #3877 GREEN DIAMOND GRADE BACKGROUND AND EQUAL DIMENSIONS - 9" & 12" MIN. H. 24", 30", 36" AND 42" L.
 LETTERS: NAME - 6" UPPERCASE WITH 4.5" LOWERCASE & 9" UPPERCASE WITH 6.75" LOWERCASE. SERIES "B" #3870 DIAMOND GRADE (SILVER) OR EQUAL - SUFFIX - 4.5".
 POST: STEEL FLANGED CHANNEL POST 3 LBS. PER FOOT WITH BAKED GREEN ALKYL OR GALVANIZED FINISH PER A.S.T.M. - A-123 WITHOUT ANCHOR PLATES. SQUARE POST PER FDOT INDEX 700-010.
 BRACKETS SHALL BE ATTACHED FIRMLY ON STANDARD SQUARE TUBE OR U-CHANNEL POSTS BY MEANS OF (2) 3/8" DIAMETER HEX HEAD BOLTS.
 STOP SIGN: R1-1 MUTCD - DIAMOND GRADE
 LOCATION: ONE PER INTERSECTION AS INDICATED ON THE PLANS.
 POLICY:
 9" BLADES WITH 6" UPPER CASE WITH 4.5" LOWERCASE LETTERS FOR TWO LANE ROADS WITH A SPEED LIMIT UNDER 45 MPH
 12" BLADES WITH 9" UPPERCASE WITH 6.75" LOWERCASE LETTERS FOR:
 - THOROUGHFARE ROADS FOUR LANES OR WIDER
 - TWO LANE ROADS WITH A POSTED SPEED LIMIT OF 45 MPH OR MORE
 ONLY ONE BLADE WILL BE INSTALLED AT INTERSECTION WITH THOROUGHFARE ROAD INDICATING THE SIDE STREET NAME.



CONSTRUCTION PROCEDURES

THE BACKFILL FOR THE FIRST AND SECOND STAGES SHALL BE PLACED IN 6" LAYERS (COMPACTED THICKNESS) AND SHALL BE COMPACTED TO 100% OF MAXIMUM DENSITY AS DETERMINED BY AASHTO T-99.

STAGE 1:
 THE CONTRACTOR SHALL PROVIDE ADEQUATE COMPACTED FILL BENEATH THE HAUNCHES OF THE PIPE, USING MECHANICAL TAMPS SUITABLE FOR THIS PURPOSE. THIS COMPACTOR APPLIES TO THE MATERIAL PLACED BENEATH THE HAUNCHES OF THE PIPE AND ABOVE ANY BEDDING REQUIRED.

STAGE 2:
 THE CONTRACTOR SHALL OBTAIN A WELL-COMPACTED BED AND FILL ALONG THE SIDES OF THE PIPE AND TO A POINT INDICATING THE TOP OF SUB-GRADE MATERIAL.

NOTES:

- BEDDING SHALL CONSIST OF IN-SITU GRANULAR MATERIAL OR WASHED AND GRADED LIMEROCK 3/8" - 7/8" SIZING WITH EQUAL OR GREATER STRUCTURAL ADEQUACY AS EXISTING. UNSUITABLE IN-SITU MATERIALS SUCH AS MUCK, DEBRIS AND LARGER ROCKS SHALL BE REMOVED.
- REPLACED BASE MATERIAL OVER DITCH SHALL BE 16" LIMEROCK (LBR100) MINIMUM FOR THOROUGHFARE PLAN ROADS. ANY ALTERNATE BASE MATERIAL REQUESTED BY THE ENGINEER OF RECORD REQUIRES APPROVAL BY THE ROADWAY PRODUCTION DIVISION.
- ASPHALT CONCRETE PAVEMENT JOINTS SHALL BE MECHANICALLY SAWED AND BUTT-JOINED.
- BASE MATERIAL (PER ROADWAY PRODUCTION DESIGN STANDARDS) SHALL BE PLACED IN TWO OR THREE LAYERS (6" MAX. PER LAYER) AND EACH LAYER THOROUGHLY ROLLED OR TAMPED TO THE SPECIFIED DENSITY. (MINIMUM 98% AASHTO T-180).
- 1" FRICTION COURSE FC-9.5 OVER 1-1/2" TYPE SP STRUCTURAL COURSE (TRAFFIC LEVEL C) WITH TACK COAT AT 0.05 GAL/SY AND RC-70 PRIME COAT AT 0.10 GAL/SY FOR LIMEROCK BASE. FOLLOW THE LATEST FOOT SPECIFICATIONS FOR APPLICATION RATES OF PRIME AND TACK COATS. CONTRACTOR TO SUBMIT MATERIALS AND RATES TO ENGINEER FOR APPROVAL PRIOR TO BEGINNING WORK.
- PIPE SHALL BE PLACED IN A DRY TRENCH.
- ALL ROADWAY REPAIR WORK SHALL BE PERFORMED IN CONFORMANCE WITH APPLICABLE FOOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND COUNTY PPM# EL-0-3605.
- DENSITY TESTS SHALL BE TAKEN IN 1 FT LIFTS ABOVE THE PIPE AT INTERVALS OF 400 FT MAXIMUM (1 SET MINIMUM) OR AS DIRECTED BY THE CONSTRUCTION COORDINATION DIVISION. RESULTS SHALL BE SUBMITTED TO CONSTRUCTION COORDINATION DIVISION AS PART OF THEIR FIELD REVIEW.
- ENGINEER-OF-RECORD SHALL PROVIDE FULL-TIME INSPECTION DURING THE ENTIRETY OF THE OPEN-CUT OPERATION, BEGINNING WITH THE EXCAVATION AND CONTINUING THROUGH THE COMPLETION OF THE PAVING.
- IF THE PAVEMENT IS NOT COMPLETELY RESTORED IMMEDIATELY FOLLOWING THE OPEN CUT, A SMOOTH TEMPORARY PATCH (MINIMUM 1.5" SP 12.5 STRUCTURAL COURSE ASPHALT) SHALL BE INSTALLED, PROPERLY MATCHING THE EXISTING GRADING OF THE ROADWAY. THE TEMPORARY PATCH SHALL BE ALLOWED TO REMAIN IN PLACE AND BE MAINTAINED FOR A PERIOD NO LONGER THAN 45 DAYS. THE COUNTY RETAINS THE RIGHT TO USE POSTED SURETY TO COMPLETE ANY RESTORATION WORK THAT HAS NOT BEEN COMPLETED IN THE 45 DAY PERIOD. ALTERNATE TEMPORARY TRENCH PROTECTION (STEEL PLATES OR OTHERS) MAY BE APPROVED BY THE CONSTRUCTION COORDINATION DIVISION.
- FOR FINAL RESTORATION (INCLUDES THE PATCHED/SURFACE REPLACEMENT AREA OVER THE TRENCH), THE ROAD SHALL BE MILLED/RESURFACED PER NOTE 5 ABOVE FOR A FULL LANE WIDTH OF THE TRAVEL LANES ENCRoACHED BY THE TRENCH AREA, INCLUDING A TRANSITION AREA OF 50 FT ON EACH SIDE MEASURED FROM TOP OF TRENCH.
- APPROVED MAGNETIC TAPE IS REQUIRED FOR ALL MAIN PRESSURE PIPES AND CONDUIT IN THE COUNTY'S RIGHT-OF-WAY. INSTALL TAPE 24" BELOW FINISHED GRADE.
- CONTINUOUS 4" WIDE PAINT STRIPING IS REQUIRED FOR DIP/PCCP WATER MAINS (BLUE), DIP SANITARY FORCE MAINS (GREEN), DIP RECLAIMED WATER MAINS (PURPLE), GAS MAINS (YELLOW), OR AS REQUIRED BY THE APWA.

OPEN CUT DETAIL FOR THOROUGHFARE ROADS (PAVED AREAS)

NOTES:

- BEDDING SHALL CONSIST OF IN-SITU GRANULAR MATERIAL OR WASHED AND GRADED LIMEROCK 3/8" - 7/8" SIZING WITH EQUAL OR GREATER STRUCTURAL ADEQUACY AS EXISTING. UNSUITABLE IN-SITU MATERIALS SUCH AS MUCK, DEBRIS AND LARGER ROCKS SHALL BE REMOVED.
- THE PIPE SHALL BE FULLY SUPPORTED FOR ITS ENTIRE LENGTH WITH APPROPRIATE COMPACTION UNDER THE PIPE HAUNCHES.
- THE PIPE SHALL BE PLACED IN A DRY TRENCH.
- BACKFILL SHALL BE FREE OF UNSUITABLE MATERIAL SUCH AS LARGE ROCK, MUCK AND DEBRIS.
- DENSITY TESTS ARE TAKEN IN 1 FOOT LIFTS ABOVE THE PIPE AT INTERVALS OF 400' MAXIMUM, (MINIMUM 1 SET) OR AS DIRECTED BY THE CONSTRUCTION COORDINATION DIVISION. RESULTS SHALL BE SUBMITTED TO CONSTRUCTION COORDINATION AS PART OF THEIR FIELD REVIEW.
- THE PERMITTEE/DEVELOPER/CONTRACTOR SHALL BE RESPONSIBLE TO COMPLY WITH ALL TRENCH SAFETY LAWS AND REGULATIONS.
- SEE SEPARATE DETAIL FOR PAVED AREAS (OPEN CUT FOR THOROUGHFARE AND NON-THOROUGHFARE ROADS).
- THE AFFECTED AREA SHALL BE RESTORED TO EQUAL OR BETTER CONDITION OR AS SPECIFIED IN PERMIT/CONTRACT DOCUMENTS.
- APPROVED MAGNETIC TAPE IS REQUIRED FOR ALL MAIN PRESSURE PIPES AND CONDUIT IN THE COUNTY'S RIGHT-OF-WAY. INSTALL TAPE 18" BELOW FINISHED GRADE.
- ROOT BARRIER IS REQUIRED FOR APPROVED PIPE INSTALLATION CLOSER THAN 10 FEET FROM AN EXISTING TREE. SEE SEPARATE DETAIL FOR ROOT BARRIER.
- CONTINUOUS 4" WIDE PAINT STRIPING IS REQUIRED FOR DIP/PCCP WATER MAINS (BLUE), DIP SANITARY FORCE MAINS (GREEN), DIP RECLAIMED WATER MAINS (PURPLE), GAS MAINS (YELLOW), OR AS REQUIRED BY THE APWA.
- PERMANENT ABOVE GROUND UTILITY MARKER SHALL BE INSTALLED IF REQUIRED.

TYPICAL TRENCH DETAIL (NON-PAVED AREAS)

TYPE "E" DRAINAGE STRUCTURE

NOT TO SCALE

REVISIONS

3.) ADDED SIGNAGE AND STEP-CUT DETAILS PER FDOT, 03/22/21 B.L.
 2.) REVISED B3-C.S. W/ NOTE PER S.F.W.M.D., 03/19/21 B.L.
 1.) REVISED PER AGENCY REVIEW COMMENTS, 03/04/21 B.L.

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DESIGN C.B. DRAWN B.L. CHECKED DATE APPROVED DATE

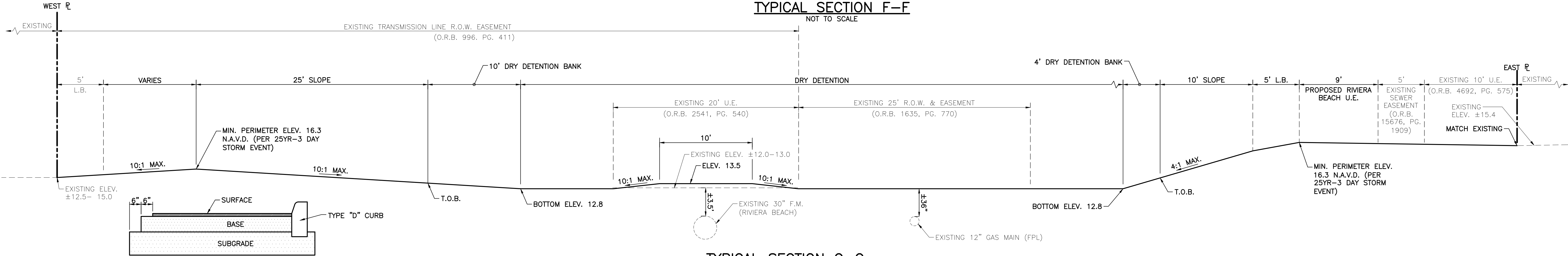
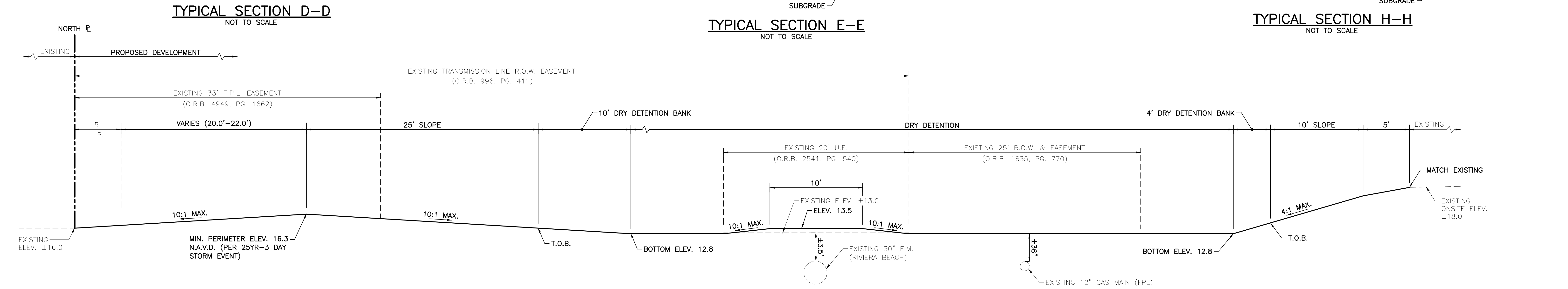
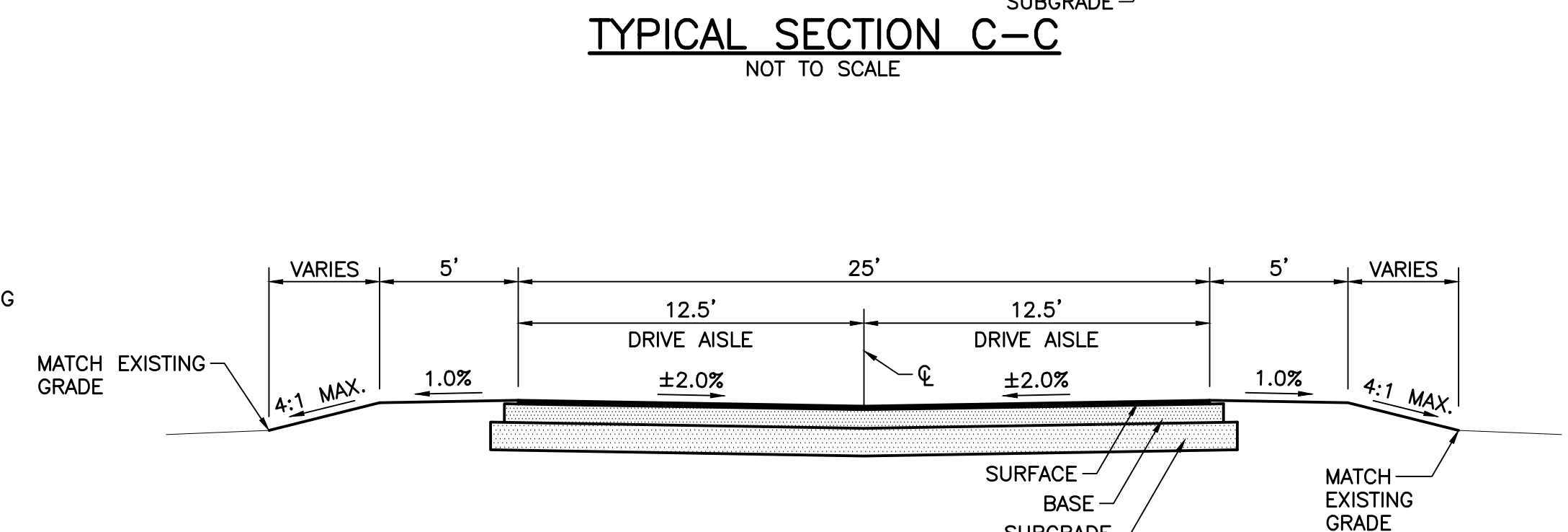
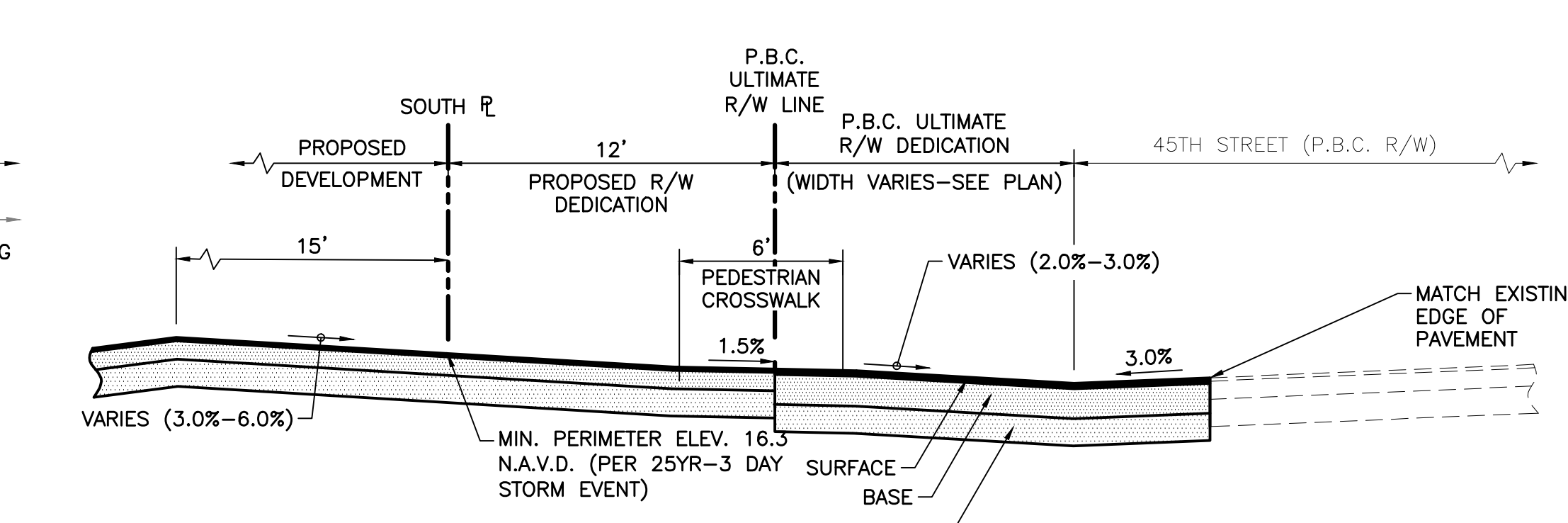
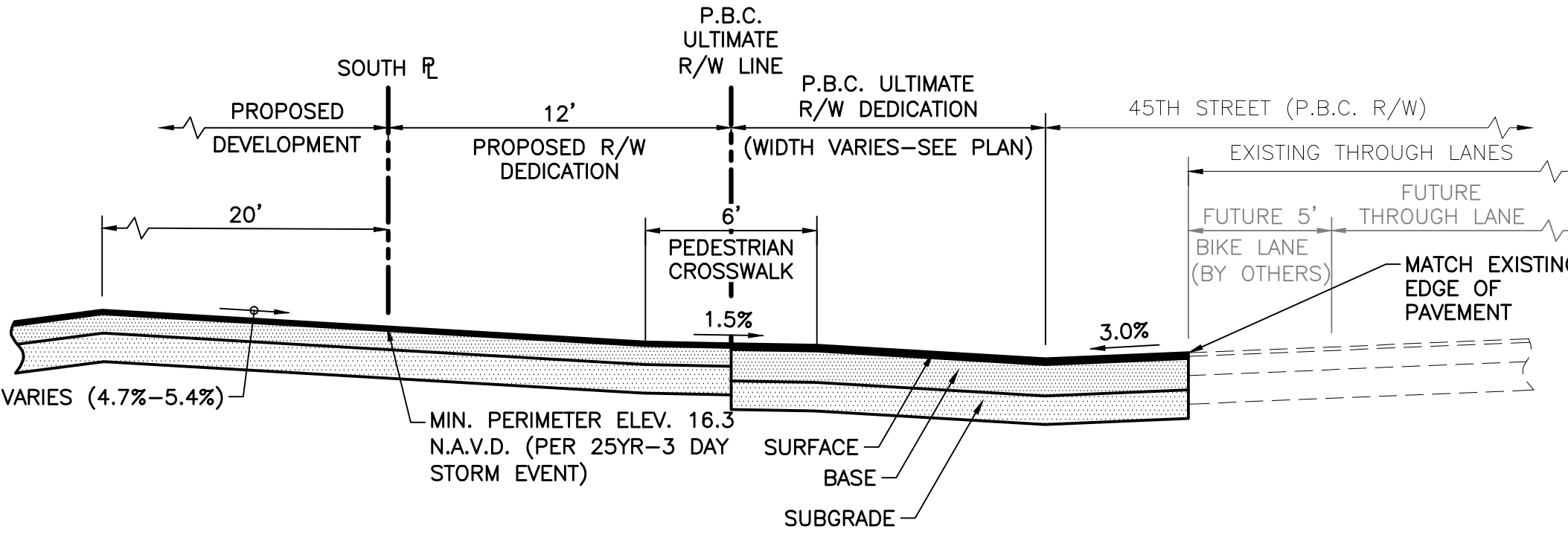
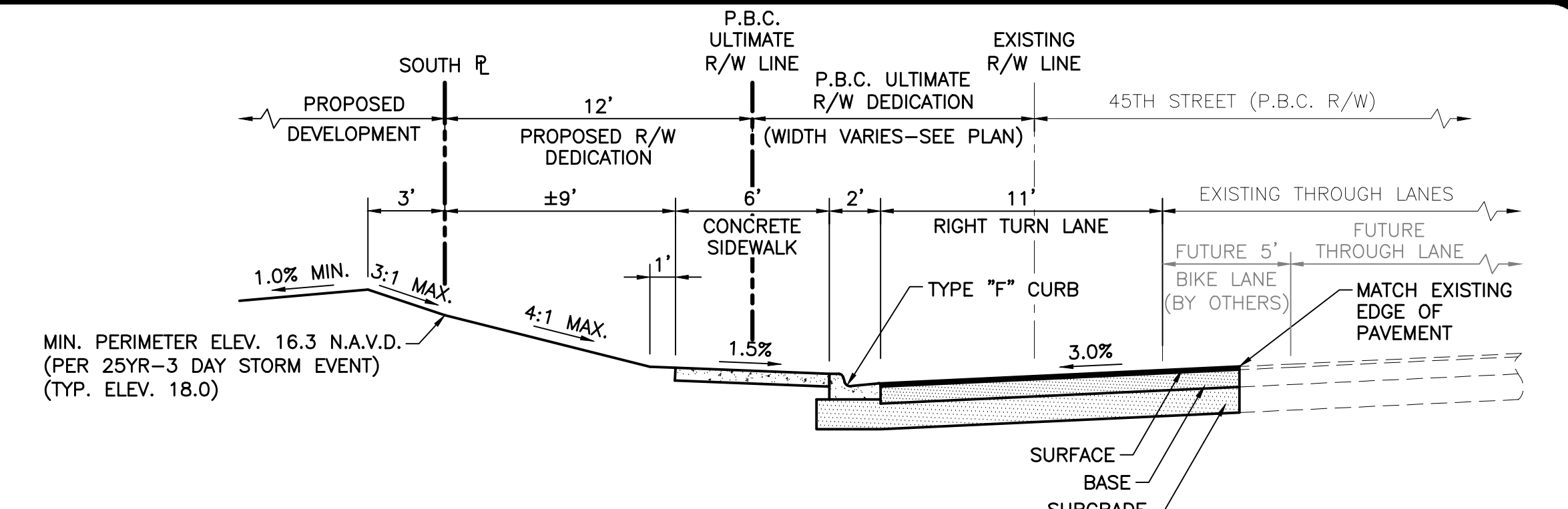
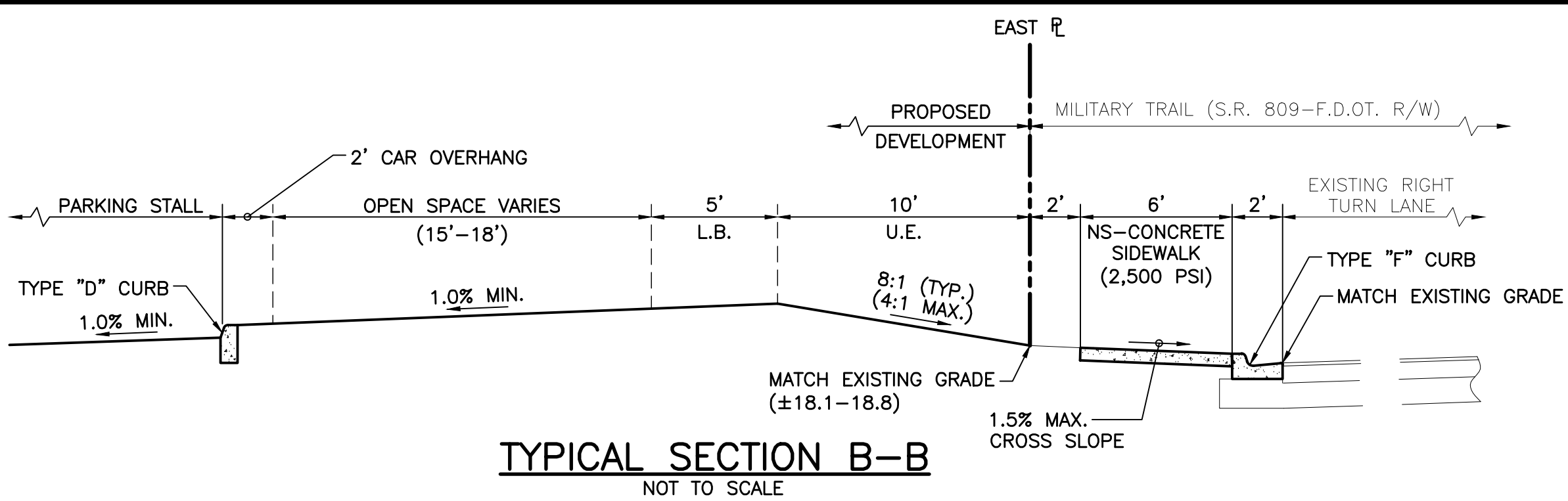
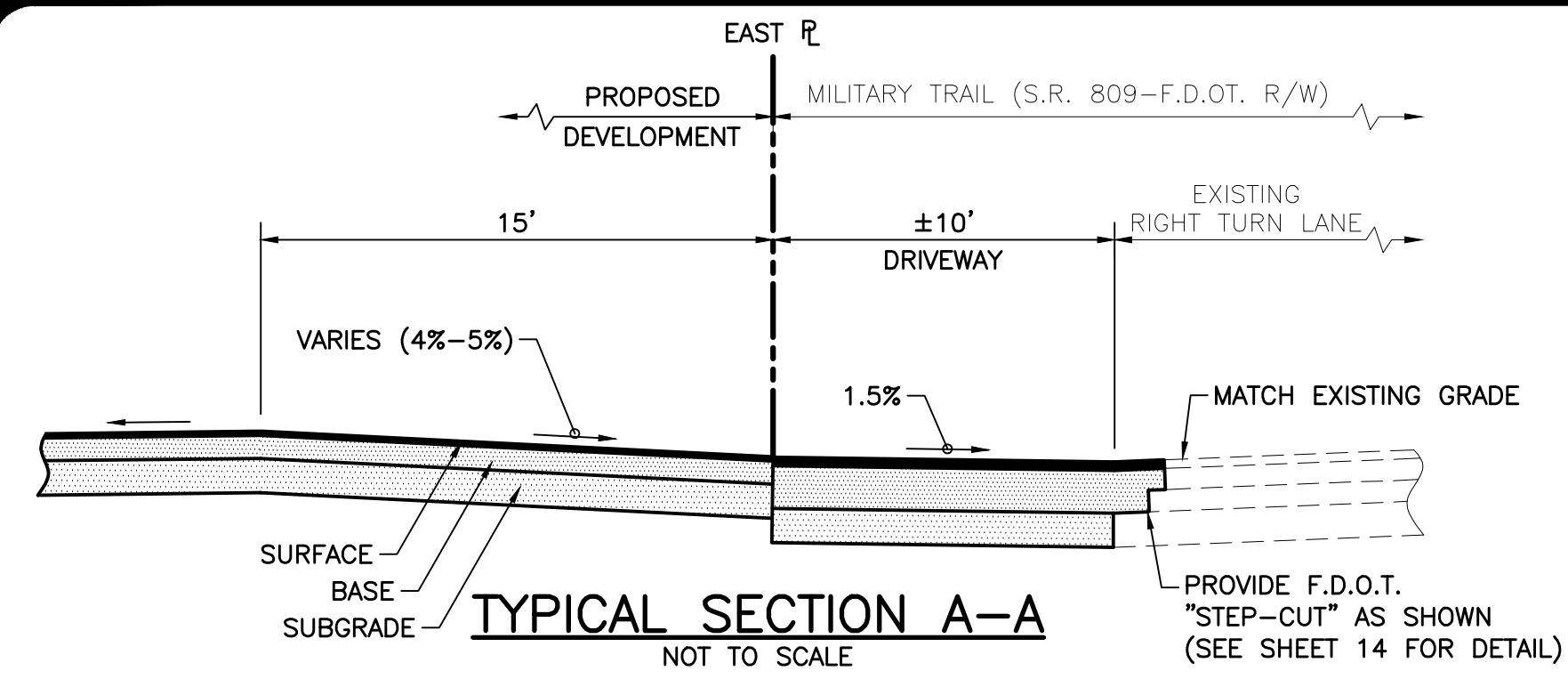
PRIME CORNER - PHASE 1
 SECTION 01, TOWNSHIP 43S., RANGE 42E.
 CITY OF WEST PALM BEACH, FLORIDA
 PAVING AND DRAINAGE DETAILS

JOB NO. 18-154 DRAWING NO. 18154S14 SHEET 14 OF 26

JESSE J. PARRISH, IV, P.E., STATE OF FLORIDA, PROFESSIONAL ENGINEER, LICENSE NO. 85433

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ON-SITE PAVEMENT:
 SURFACE - 1 1/2" A.C.S.C. TYPE S-3 (TWO 3/4" LIFTS)
 BASE - 8" BASEROCK, COMPACT TO 98% PER A.A.S.H.T.O. T-180 (LBR 100 MIN.)
 SUBGRADE - 12" COMPACTED SUBGRADE, COMPACT TO 98% PER A.A.S.H.T.O. T-180

F.D.O.T. R/W PAVEMENT:
 SURFACE - 1" FRICTION COARSE FC-9.5 OVER 2" TYPE SP STRUCTURAL COARSE (TRAFFIC C) W/ TACK COAT
 BASE - 15" LIMEROCK, COMPACT TO 98% PER A.A.S.H.T.O. T-180
 SUBGRADE - 12" COMPACTED SUBGRADE, COMPACT TO 98% PER A.A.S.H.T.O. T-180 (LBR 40 MIN.)

P.B.C. R/W PAVEMENT:
 SEE SHEET 10.

PAVEMENT SPECIFICATION
NOT TO SCALE

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- 1.) REVISED SECTIONS A-A & B-B AND UPDATED FDOT R/W PAVEMENT SPEC. PER FDOT, 03/22/21 B.L.
- 2.) REVISED SECTIONS D-D & E-E PER P.B.C. 04/07/21 B.L.
- 3.) REVISED SECTIONS C-C, D-D, AND E-E PER P.B.C., 11/30/21 B.L.

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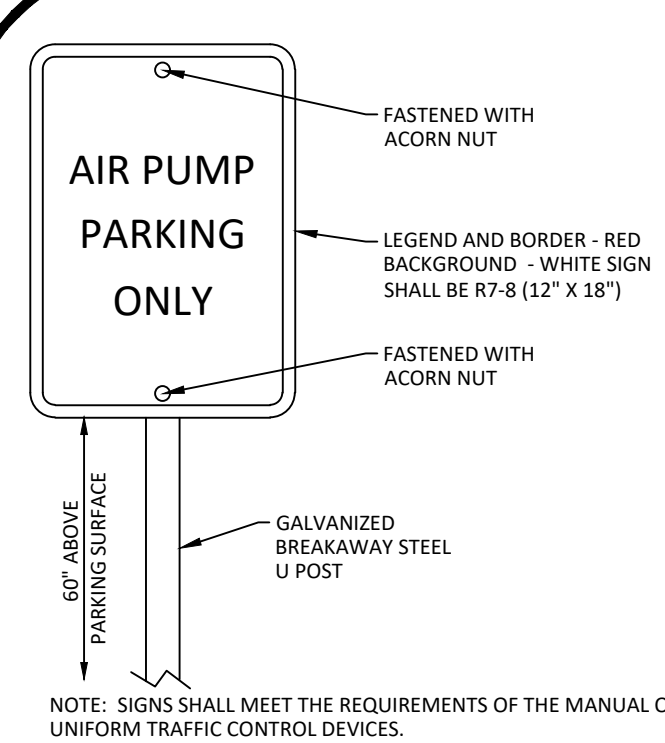
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G.B.	B.L.			

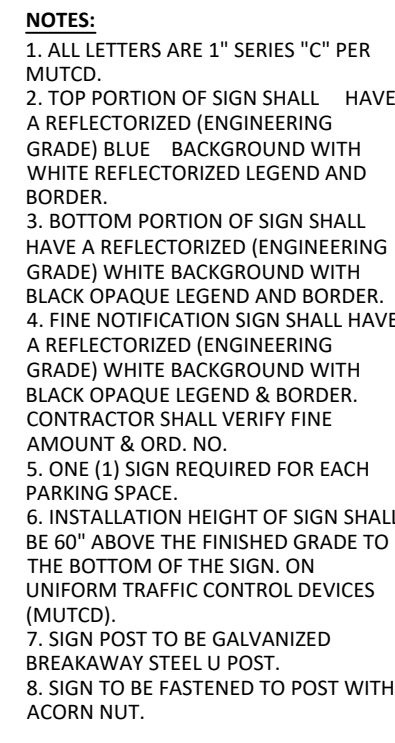
JOB NO.	DRAWING NO.	SHEET	OF
18-154	18154S15	15	26

WAWA SIGNAGE/STRIPING DETAILS

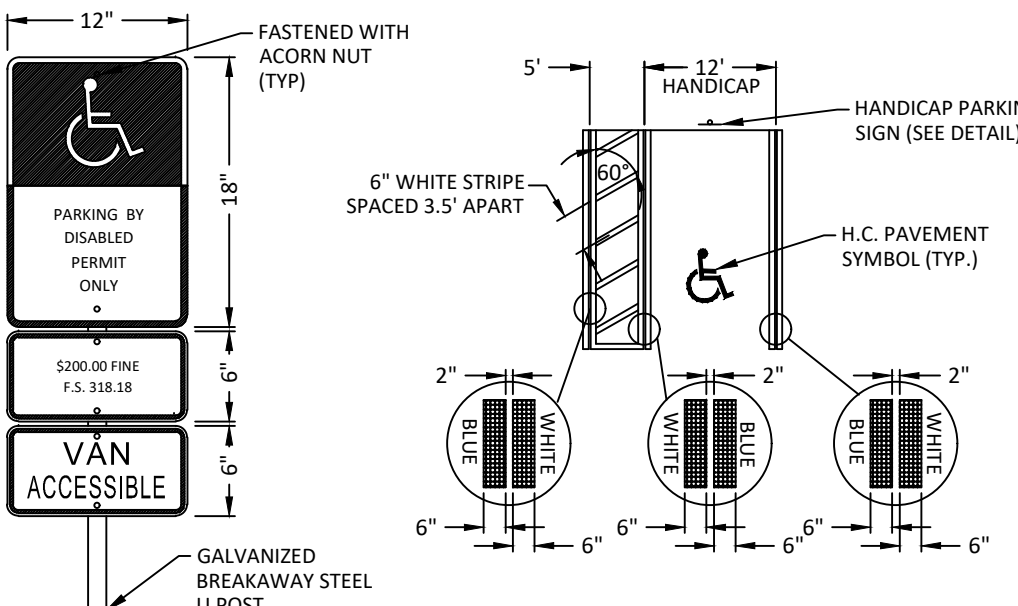
REV. JULY 26, 2017



AIR PARKING SIGN
NTS



HANDICAP PARKING SIGN
NTS

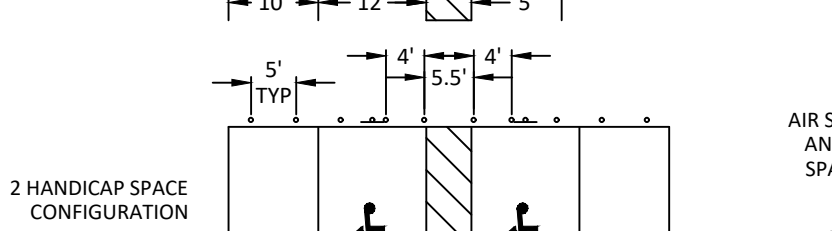
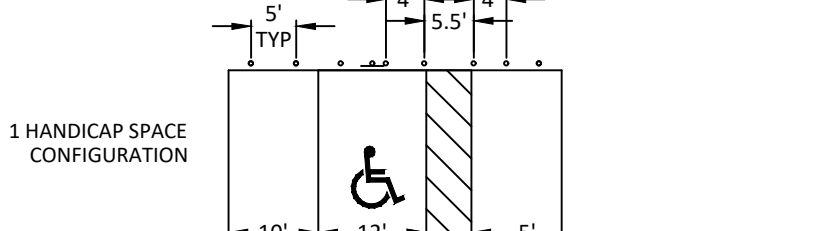
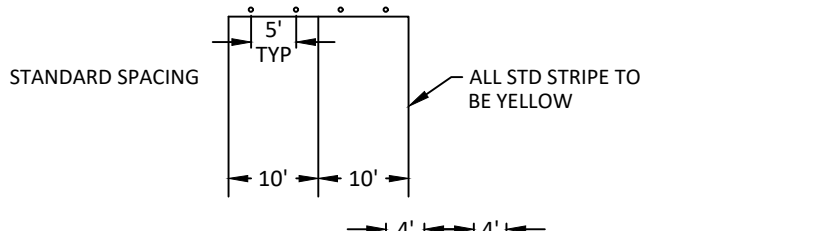
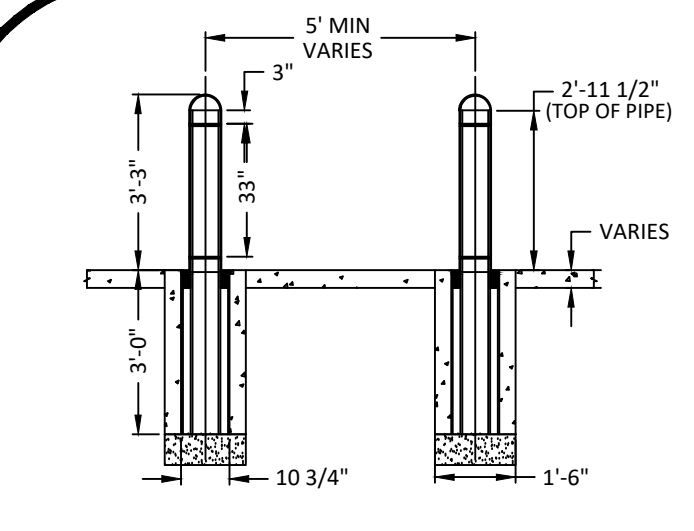


HANDICAP STRIPING DETAIL
NTS

SIGNAGE AND STRIPING NOTES:
1. ALL STANDARD PARKING STRIPES ARE TO BE 4" YELLOW
2. ARROWS SHOWN IN DRIVE AISLES ARE FOR INFORMATION ONLY AND SHALL NOT BE PAINTED.

WAWA GENERAL DETAILS

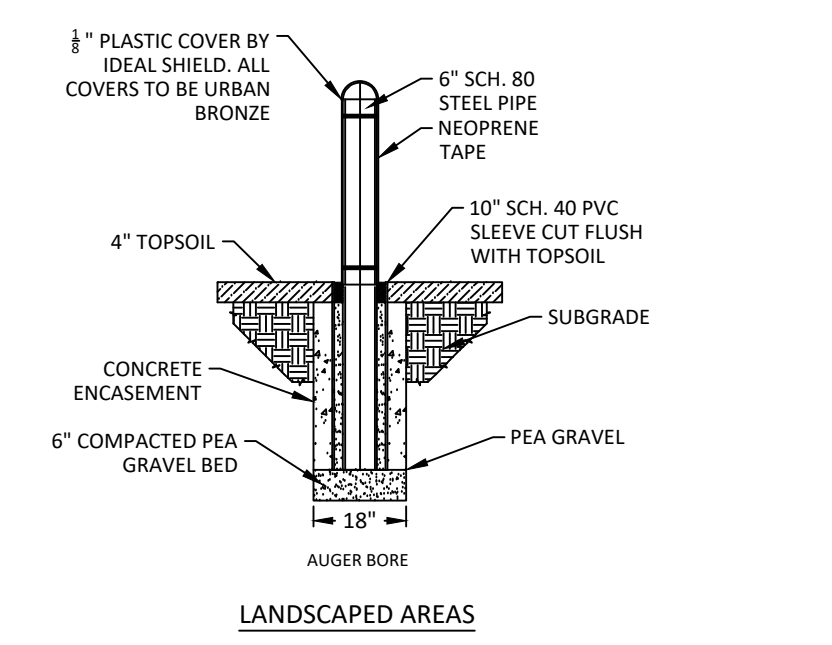
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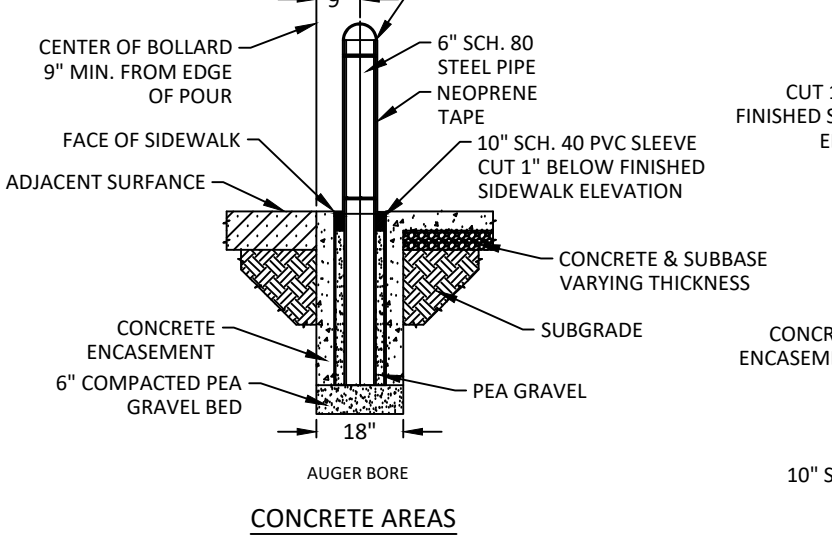
BOLLARD SPACING/DIMENSION DETAIL
NTS

PREMIUM POLES:
IF PROJECT SITE LOCATED WITHIN THE FOLLOWING FLORIDA COUNTIES, THEN THE PREMIUM 0.188 MILL LIGHT POLE WILL BE REQUIRED: SARASOTA, CHARLOTTE LEE, COLLIER, MONROE, DADE, BROWARD, PALM BEACH, MARTIN, ST. LUCIE, BREVARD.

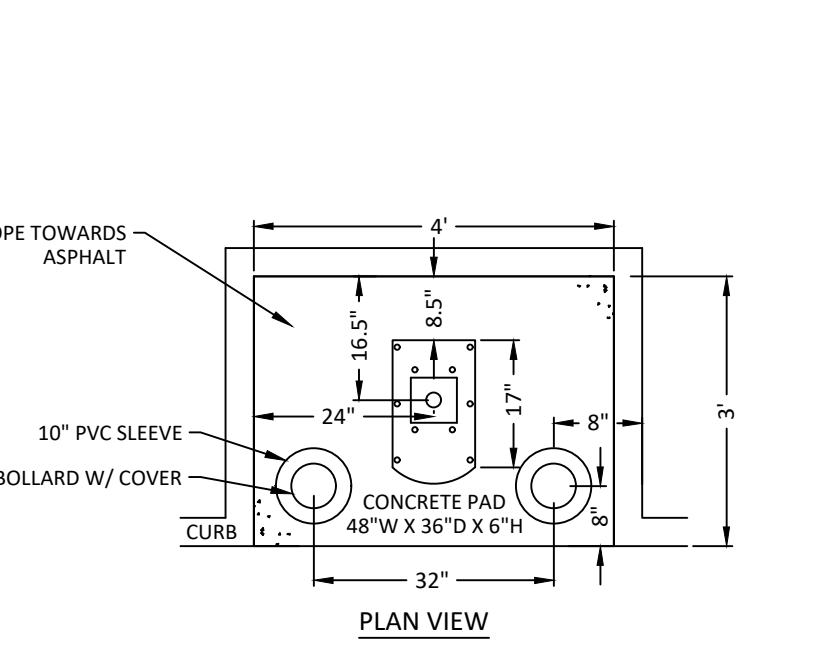
NOTE: THIS DETAIL IS NOT CERTIFIED. FOR INFORMATIONAL PURPOSES ONLY. CONTRACTOR TO PROVIDE SHOP DRAWINGS CERTIFIED BY STRUCTURAL ENGINEER.



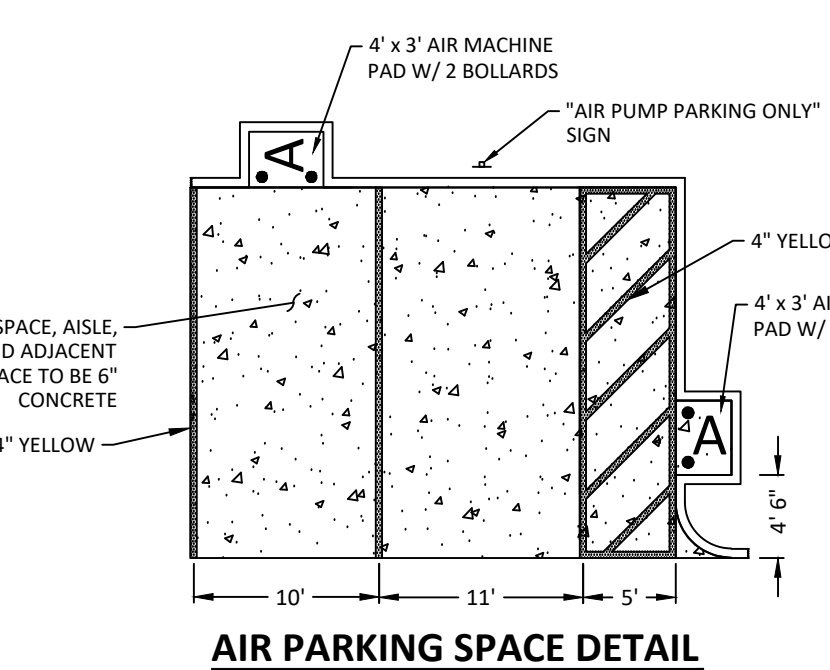
LIGHT POLE WITH STANDARD ANCHORING DETAIL
NTS



CONCRETE AREAS

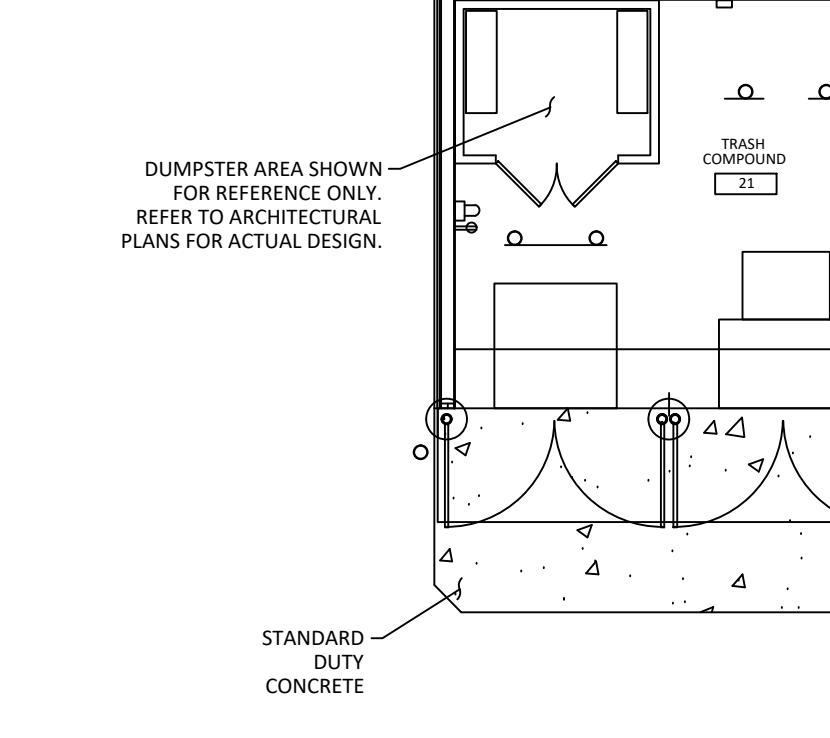


AIR PUMP STAND
NTS

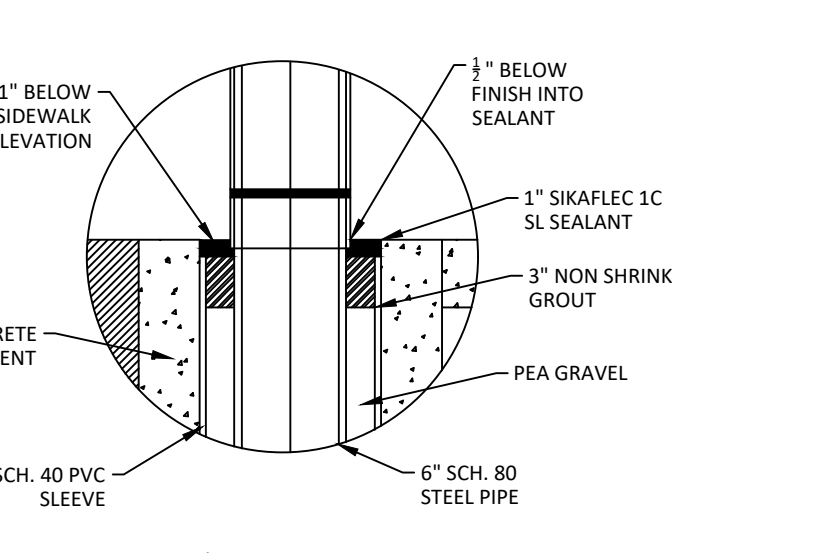


AIR PARKING SPACE DETAIL
NTS

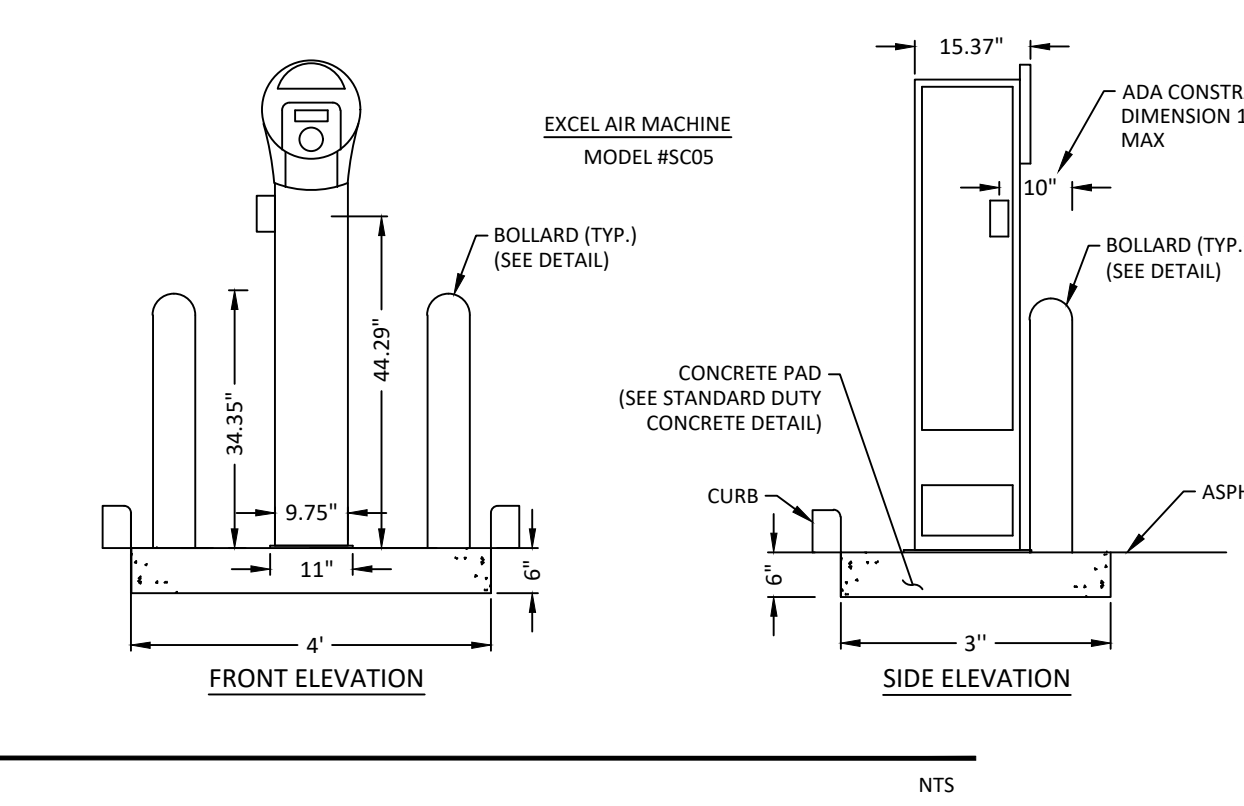
NOTE: ALL DIMENSIONS MEASURED TO CENTER OF BOLLARD. BOLLARD SPACING IS 5' UNLESS OTHERWISE NOTED.



DUMPSTER CONCRETE APRON
NTS



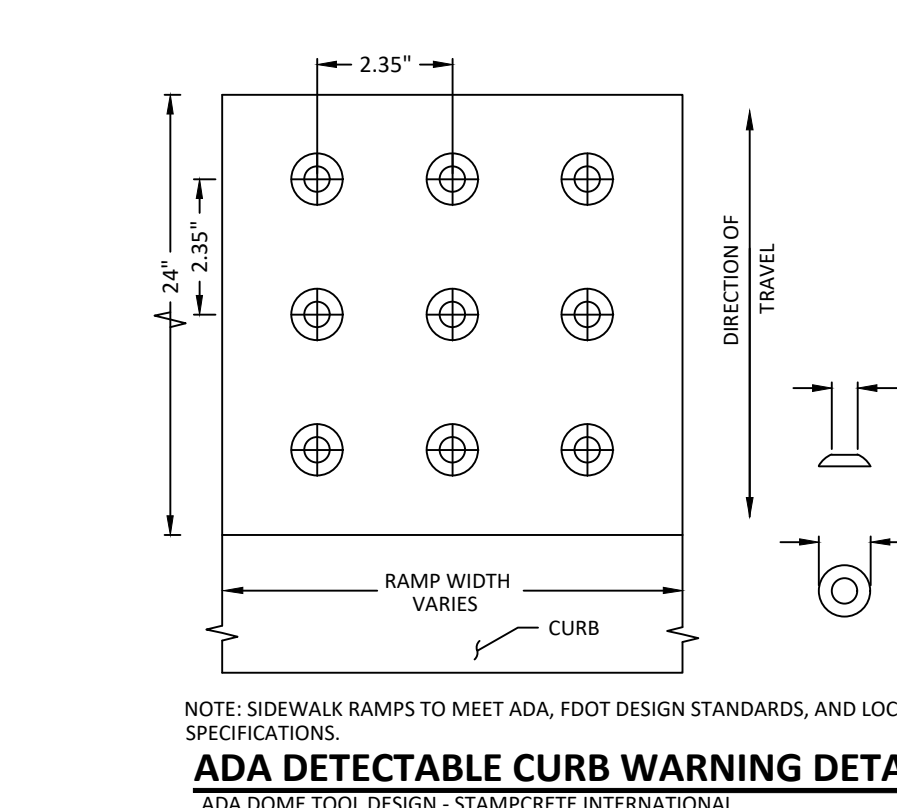
GENERAL DETAILS AND CAULK/GROUT DETAIL FOR CONCRETE AREAS



STANDARD BICYCLE RACK DETAIL
NTS

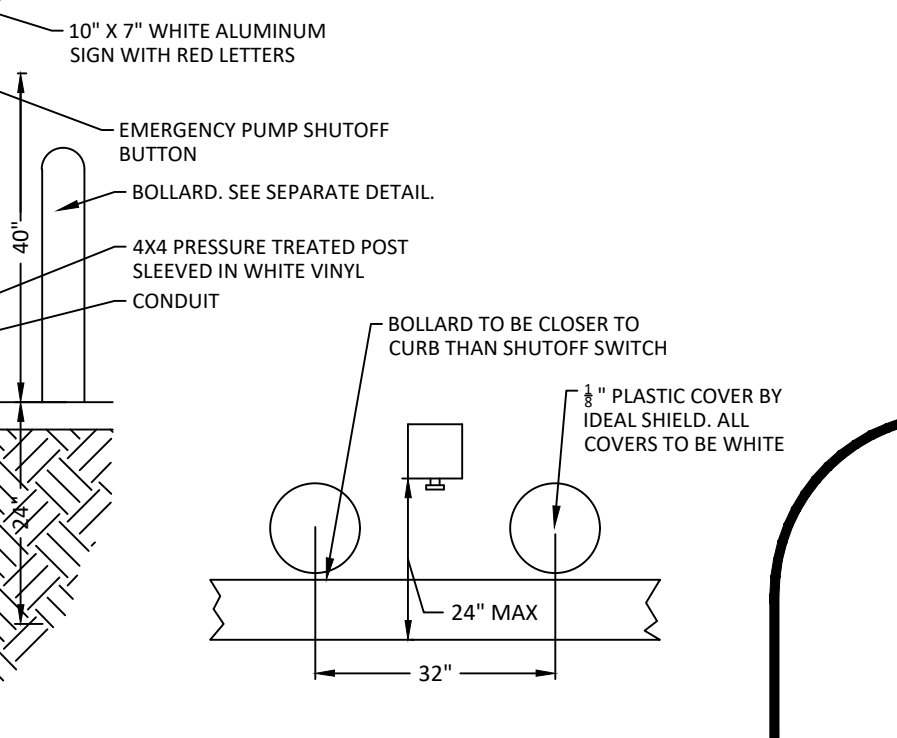
MADE OF ROLLED ALUMINUM: 1 1/2" SCHEDULE 40 ALUMINUM WITH 1 7/8" O.D.
STANDARD LENGTHS: 60" SECTION FITS UP TO 5 BIKES
STANDARD HEIGHT: 46"
INSTALLATION OPTIONS: SURFACE MOUNT
FINISHING OPTIONS: STANDARD CLEAR ANODIZED
MANUFACTURED BY: IDEAL SHIELD, 2525 CLARK ST, DETROIT, MI 48209, PHONE: 1-866-825-8659

ADA DETECTABLE CURB WARNING DETAIL
NTS



NOTE: SIDEWALK RAMPS TO MEET ADA, FOOT DESIGN STANDARDS, AND LOCAL SPECIFICATIONS.

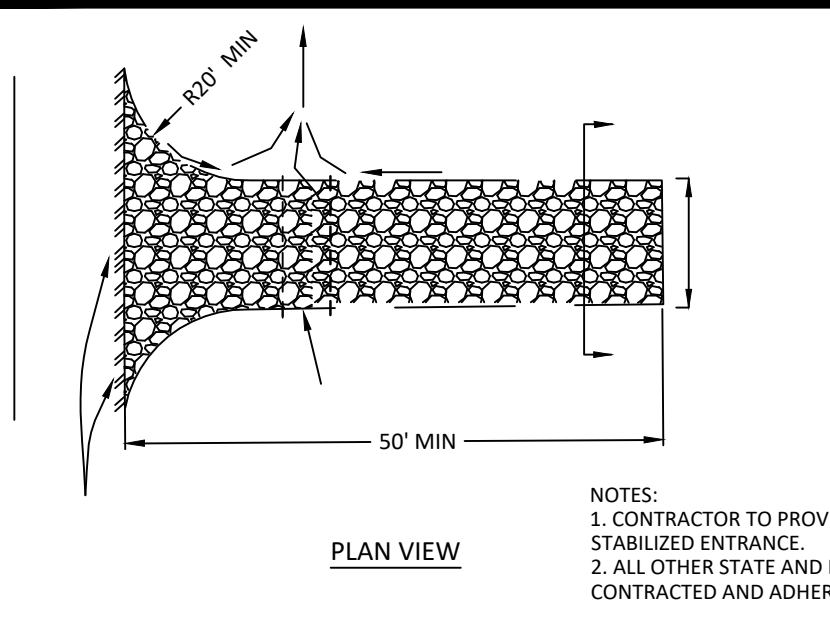
ADA DETECTABLE CURB WARNING DETAIL
ADA DOME TOOL DESIGN - STAMPRETEC INTERNATIONAL



ROOF DRAIN CONNECTION DETAIL
NTS

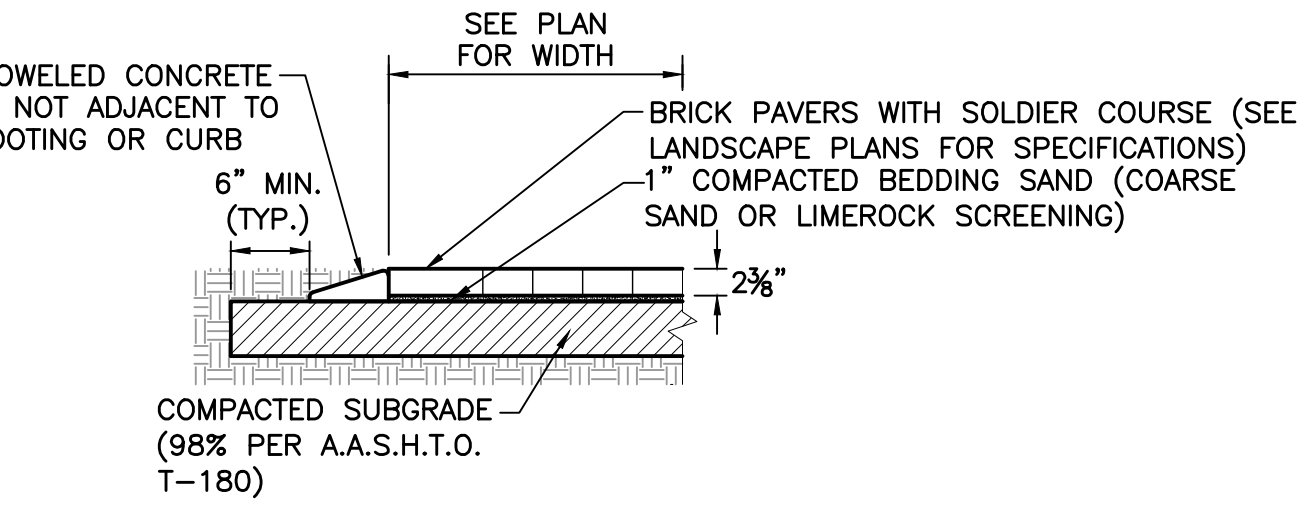
EROSION CONTROL DETAILS

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STABILIZED CONSTRUCTION ENTRANCE / EXIT (TYPE 1)
NTS

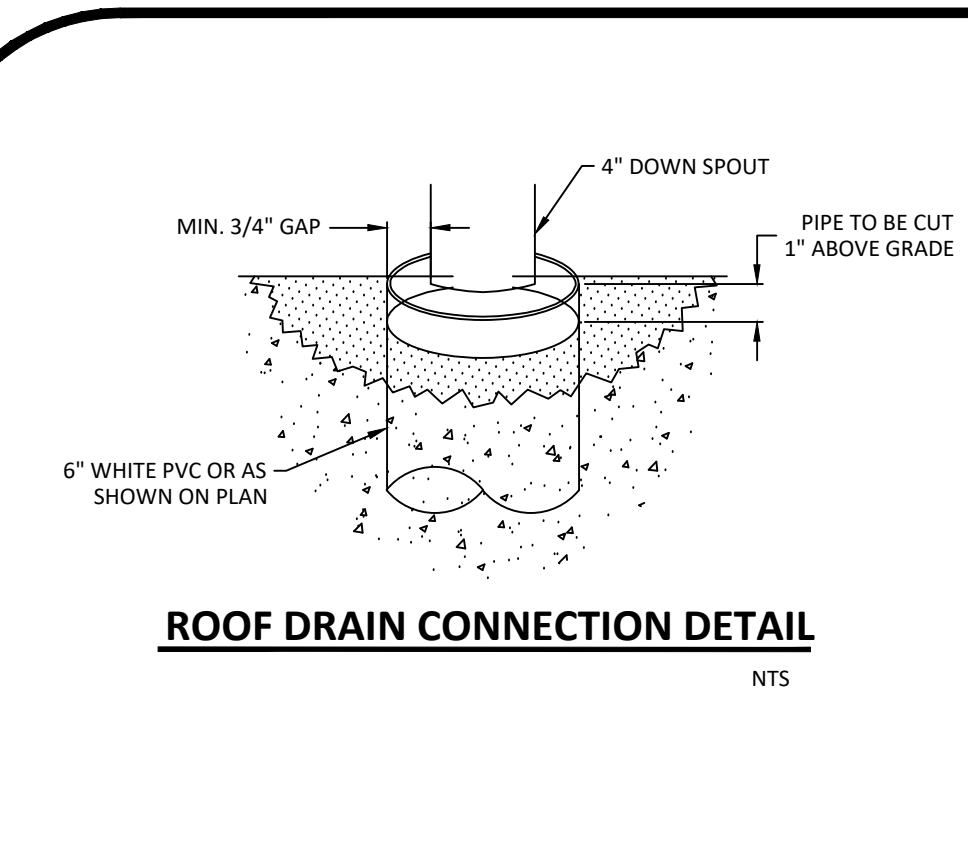
NOTES:
1. CONTRACTOR TO PROVIDE A MINIMUM OF 1 STABILIZED ENTRANCE.
2. ALL OTHER STATE AND LOCAL JURISDICTION TO BE CONTRACTED AND ADHERED TO.



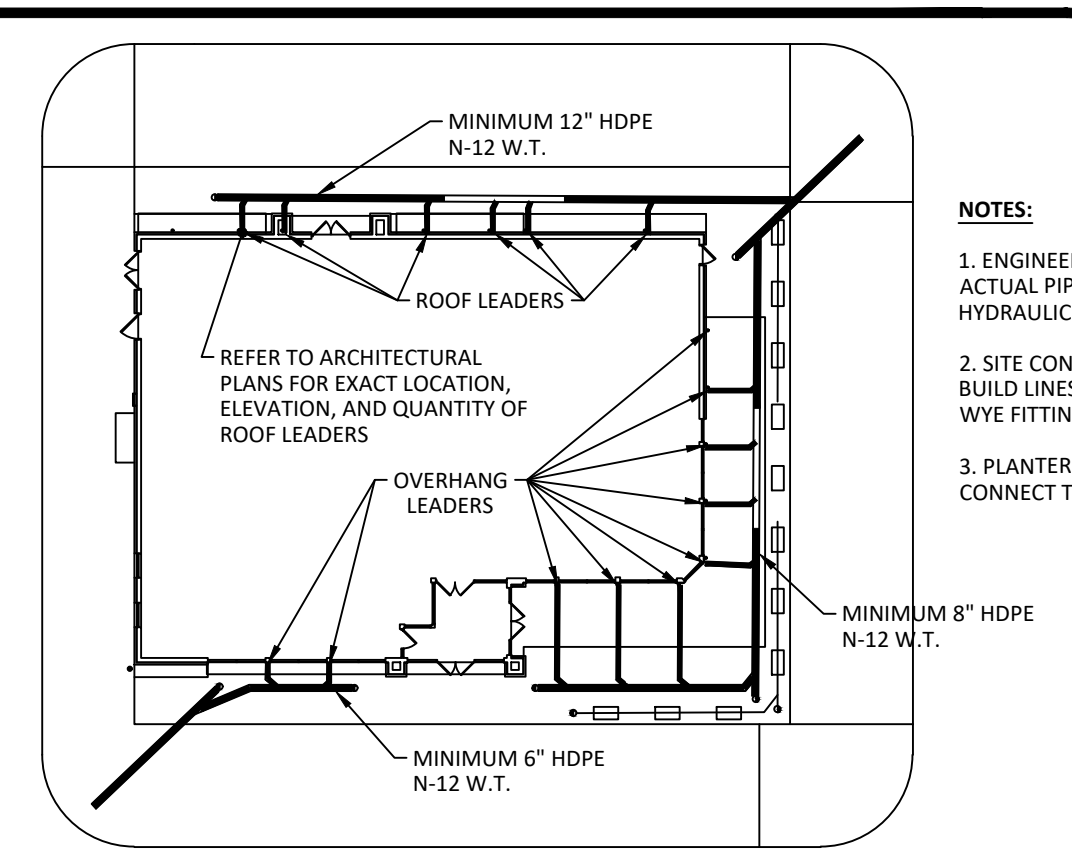
PEDESTRIAN BRICK PAVER DETAIL
NOT TO SCALE

WAWA DRAINAGE DETAILS

REV. JULY 28, 2016



ROOF DRAIN CONNECTION DETAIL
NTS



PLANTER DRAIN DETAIL
NTS

NOTES:
1. ENGINEER TO SPECIFY ACTUAL PIPE SIZE PER HYDRAULIC CALCULATIONS.
2. SITE CONTRACTOR TO BUILD LINES TO INDIVIDUAL WYE FITTINGS.
3. PLANTER DRAINS ARE TO CONNECT TO MANIFOLD.

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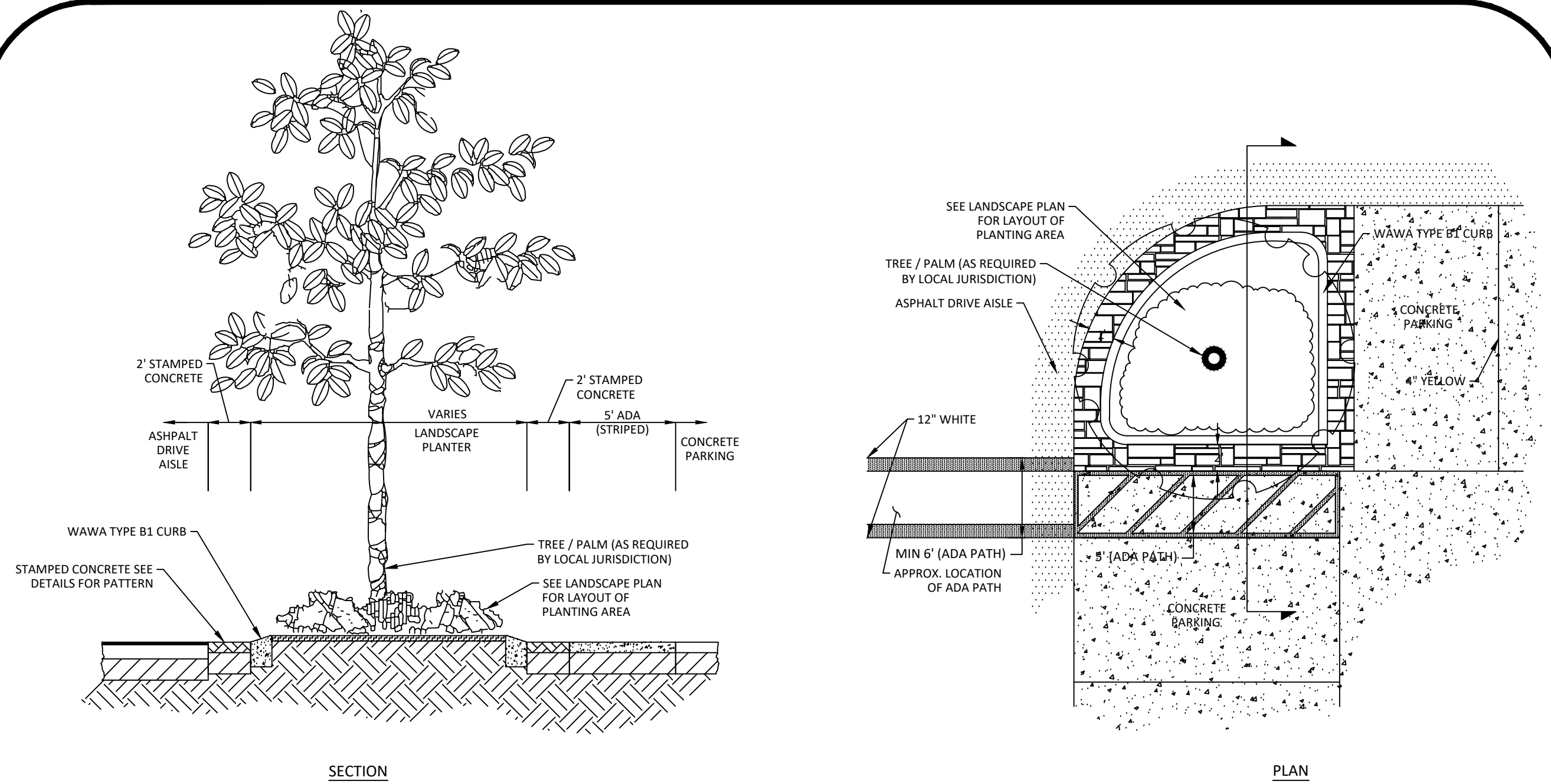
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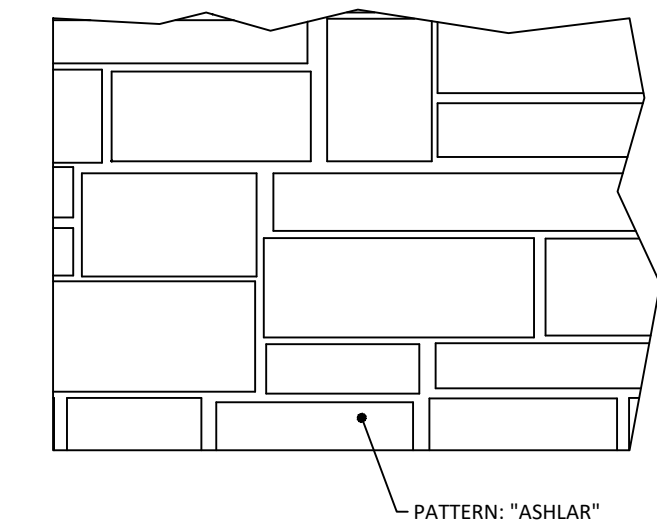
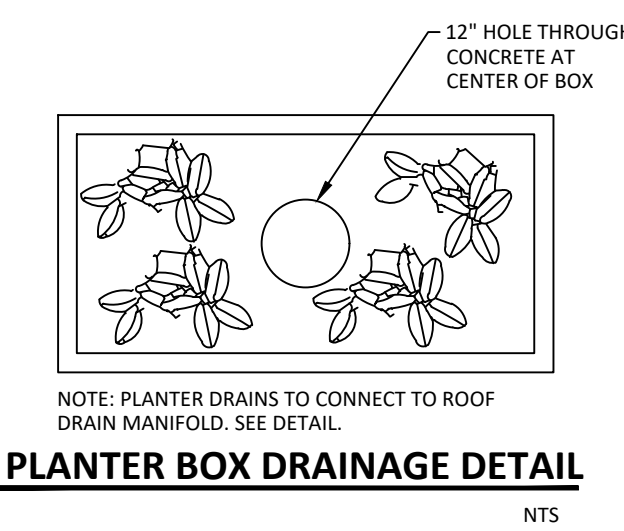
JOB NO. 18-154	DRAWING NO. 18154S16	SHEET 16 OF 26
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WAWA PLANTER DETAILS

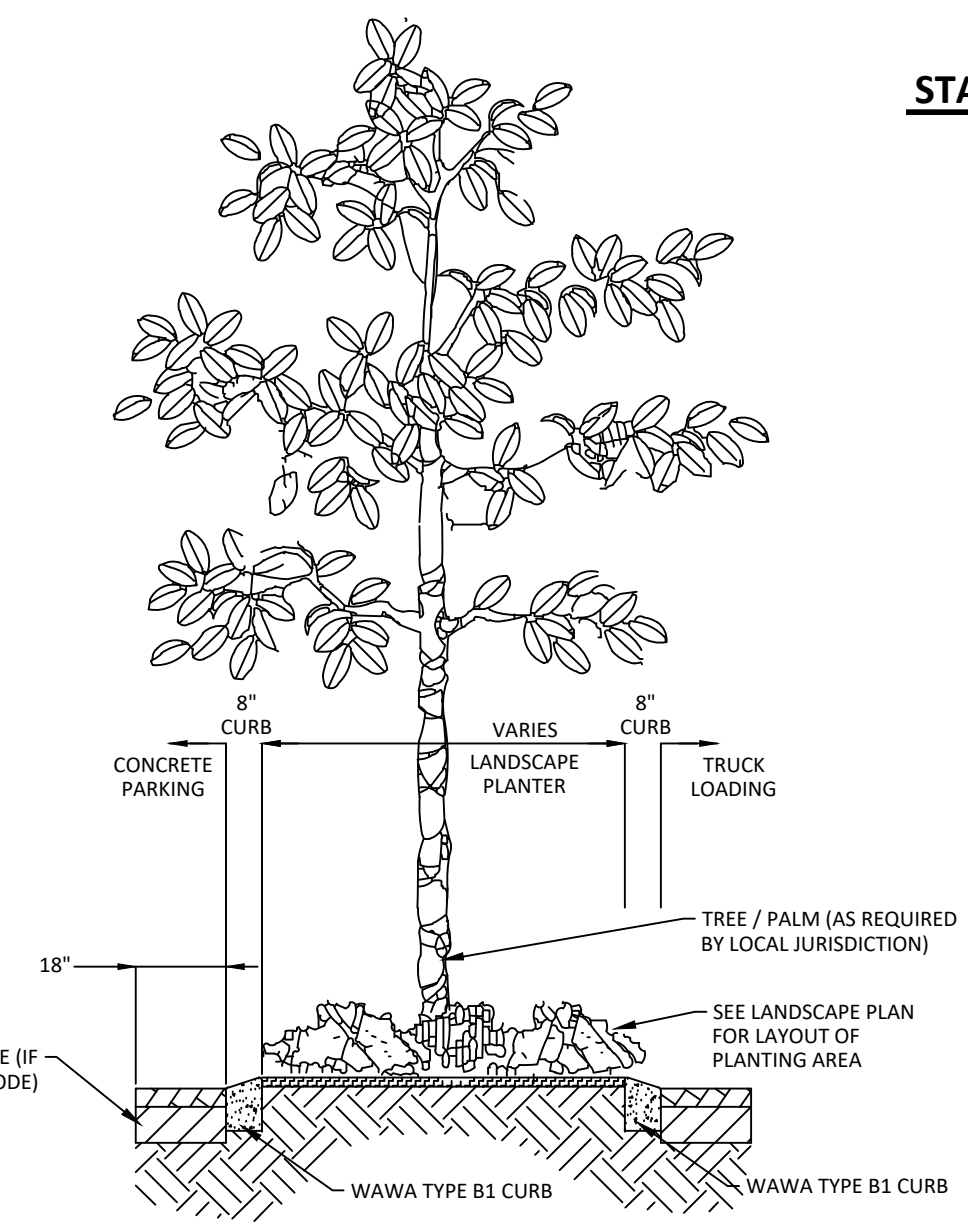
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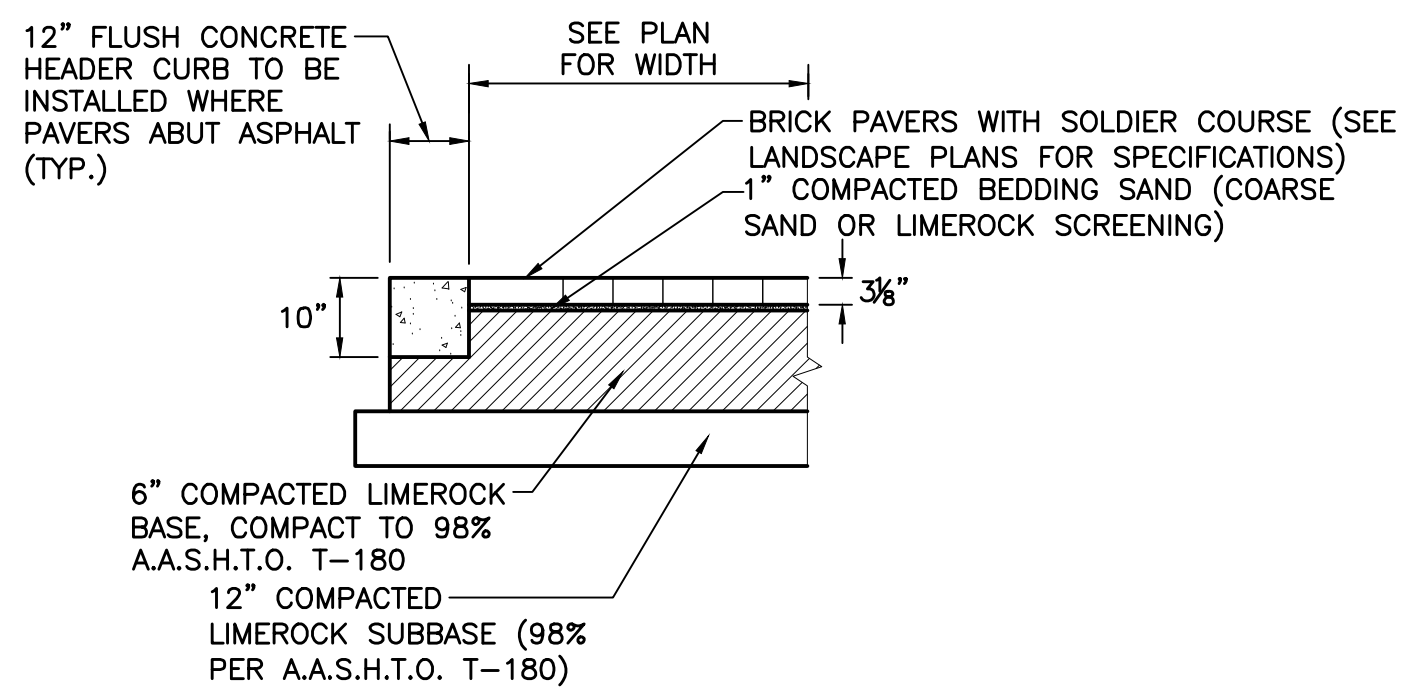
CORNER ISLAND LANDSCAPE DETAIL



- NOTES:**
- SEE PAVEMENT SECTION FOR PAVEMENT DETAILS TO BE STANDARD DUTY CONCRETE IN NON-VEHICULAR AREAS. TO MEET CONCRETE CROSSWALK DETAIL FOR CROSSWALKS IF APPLICABLE.
 - FINAL COLOR TO BE COORDINATED WITH WAWA PRIOR TO INSTALLATION.
 - THE STAMPED CONCRETE FIELD IS "ASHLAR" PATTERN. USE INCRETE COLOR-INTEGRATED CONCRETE "DESERT TAN" WITH THE FOLLOWING STEP-BY-STEP TREATMENT:
 - A. 100% BROADCAST DRY SHAKE HARDENER "DESERT TAN", FOLLOWED BY:
 - B. 30%-35% BROADCAST DRY SHAKE HARDENER "COCOA", THEN HARD TROWEL.
 - C. USE RELEASE POWDER "PEACH" IN MOLD. KEEP SOME OF THE COLOR IN GROUT JOINTS AND HIGHLIGHTS.
 - D. USE PENETRATING, NON-GLOSSY SEALER SUCH AS CLEAR SEAL BY INCRETE SYSTEMS

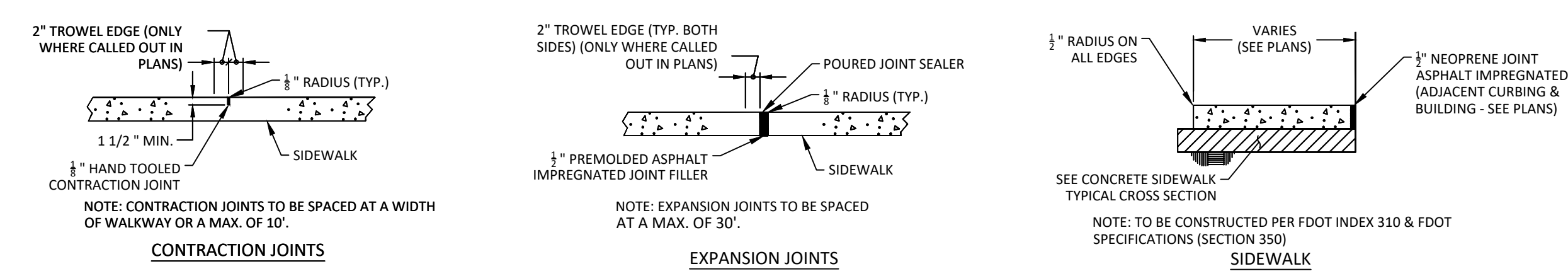


PARKING ISLAND LANDSCAPE DETAIL

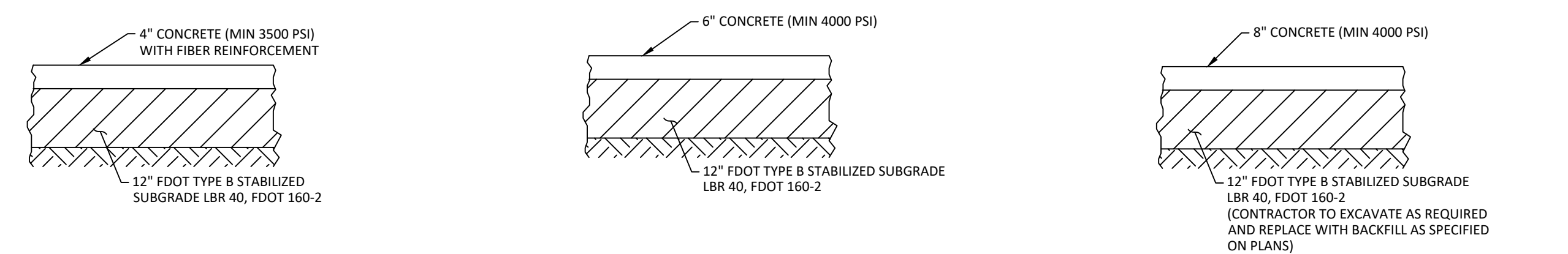


WAWA PAVEMENT DETAILS

REV. JULY 28, 2016

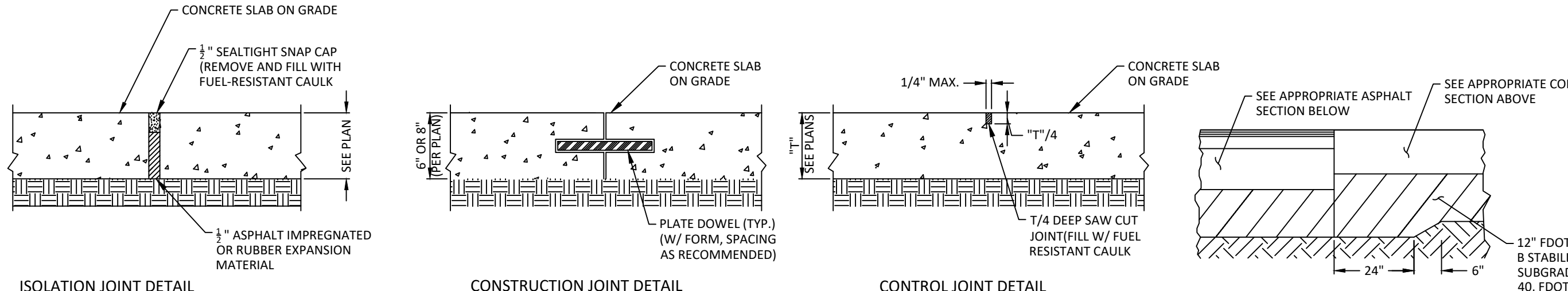


SIDEWALK DETAILS



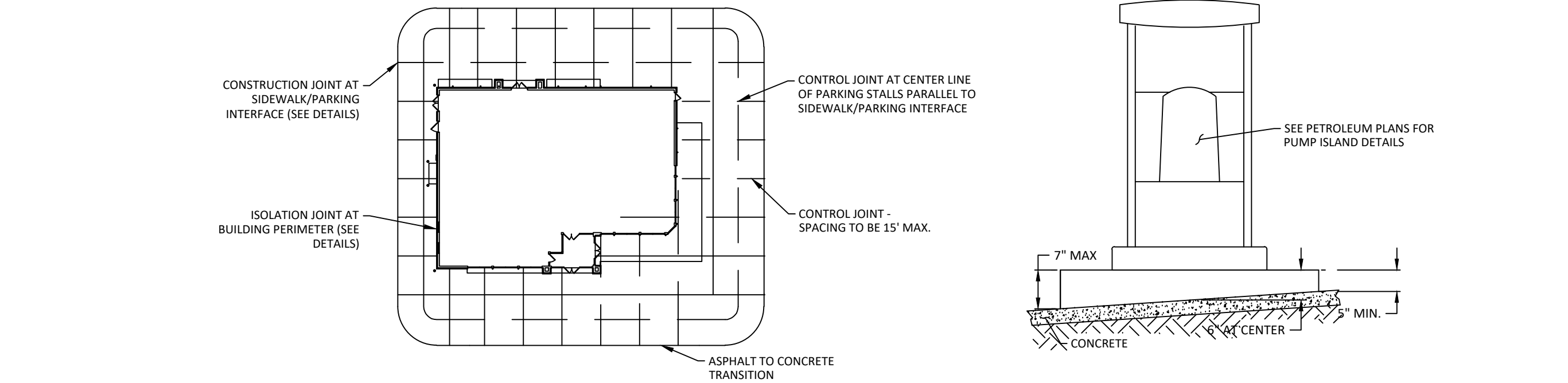
NOTE: TO BE CONSTRUCTED PER WAWA & FDOT SPECIFICATIONS (SECTIONS 350) AND GEOTECHNICAL ENGINEERING REPORT

CONCRETE JOINT DETAILS

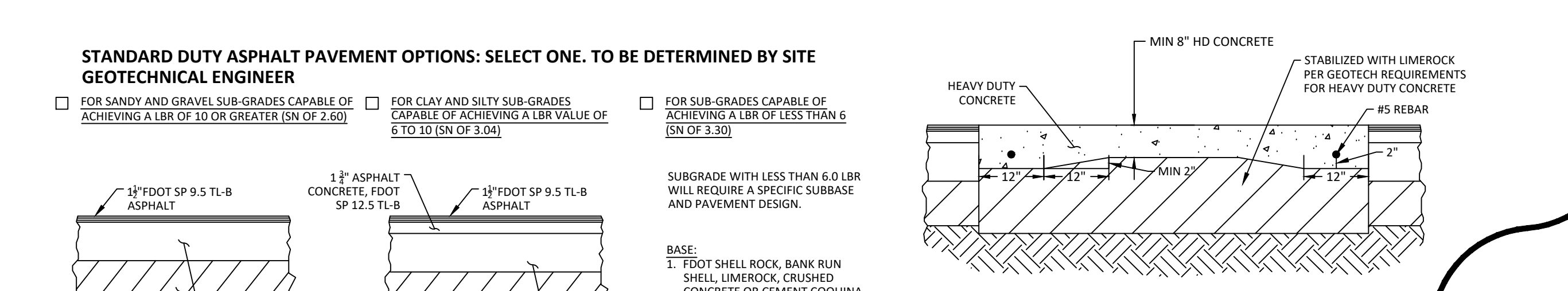


NOTE: SEE ARCHITECT SPECIFICATIONS FOR COMPLETE CONCRETE DETAILS.

JOINT LAYOUT DETAIL

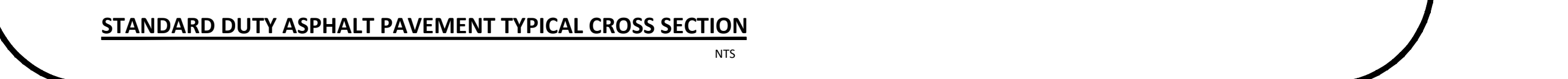


PUMP ISLAND GRADING DETAIL



STANDARD DUTY ASPHALT PAVEMENT OPTIONS: SELECT ONE. TO BE DETERMINED BY SITE GEOTECHNICAL ENGINEER

- FOR SANDY AND GRAVEL SUB-GRADES CAPABLE OF ACHIEVING A LBR OF 30 OR GREATER (SN OF 2.60)
- FOR CLAY AND SILTY SUB-GRADES CAPABLE OF ACHIEVING A LBR VALUE OF 6 TO 10 (SN OF 3.04)
- FOR SUB-GRADES CAPABLE OF ACHIEVING A LBR OF LESS THAN 6 (SN OF 3.30)



NOTE: TO BE CONSTRUCTED PER FDOT SPECIFICATIONS (SECTIONS 330, 351, 200, & 160), GEOTECHNICAL ENGINEERING REPORT, AND WAWA SPECIFICATIONS

JESSE J. PARRISH, IV, P.E., STATE OF FLORIDA, PROFESSIONAL ENGINEER, LICENSE NO. 85433

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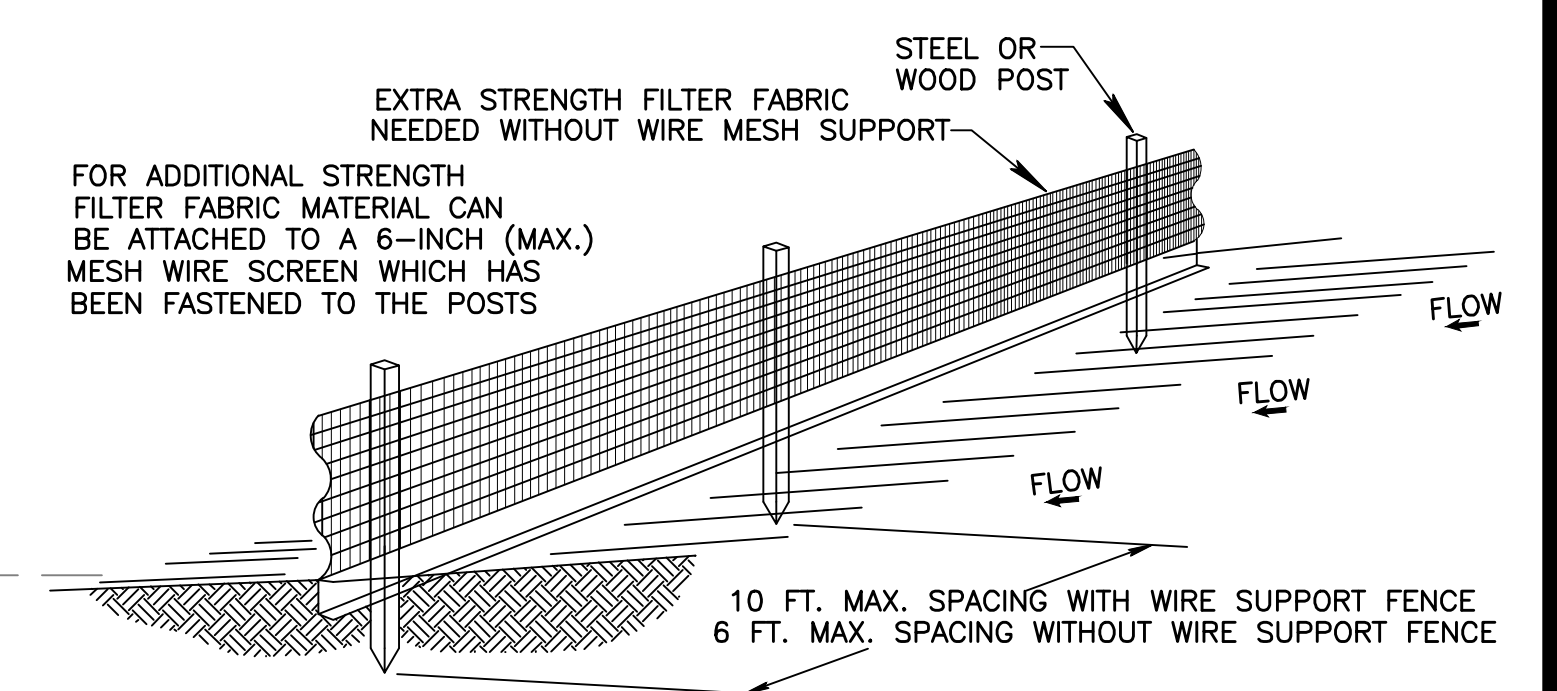
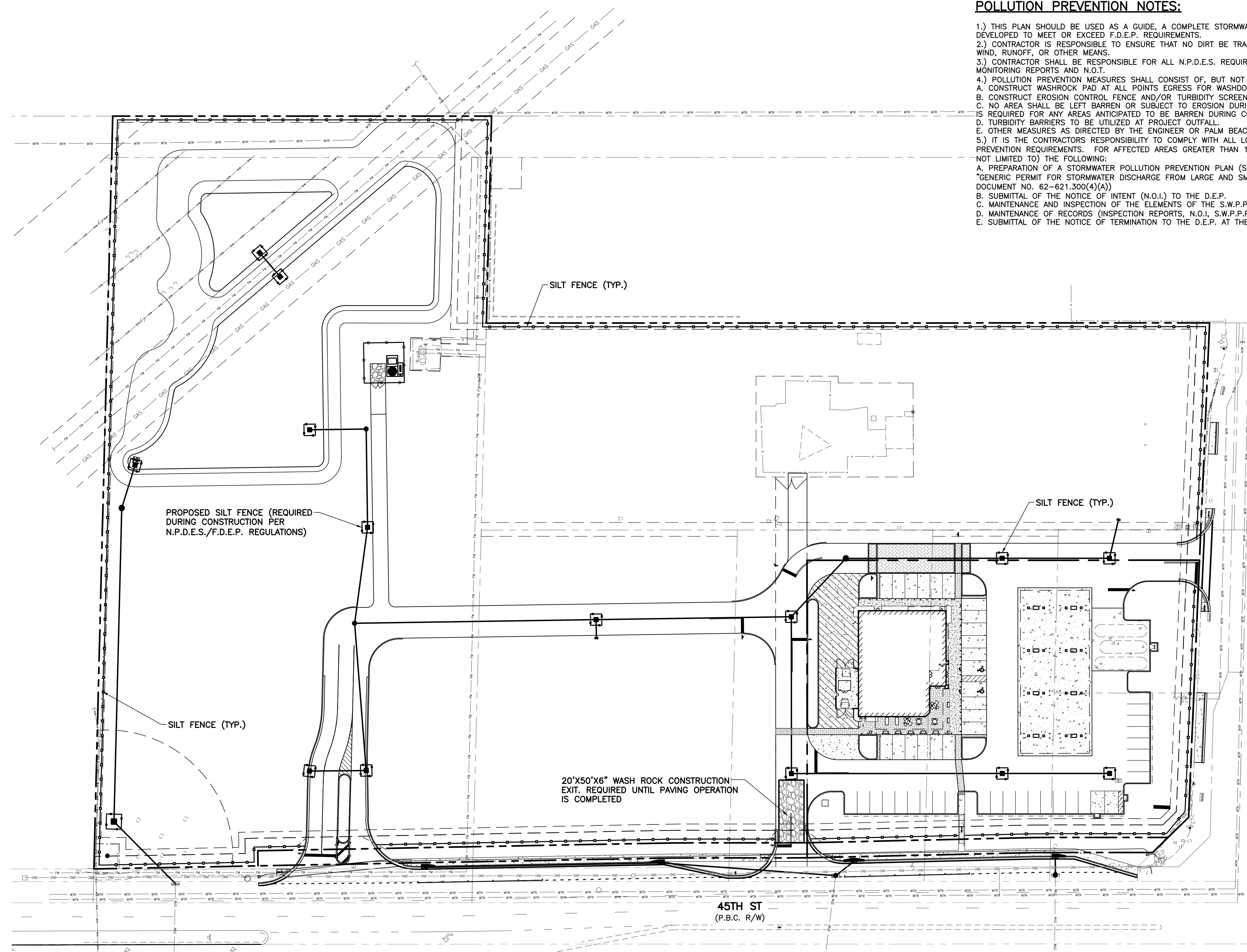
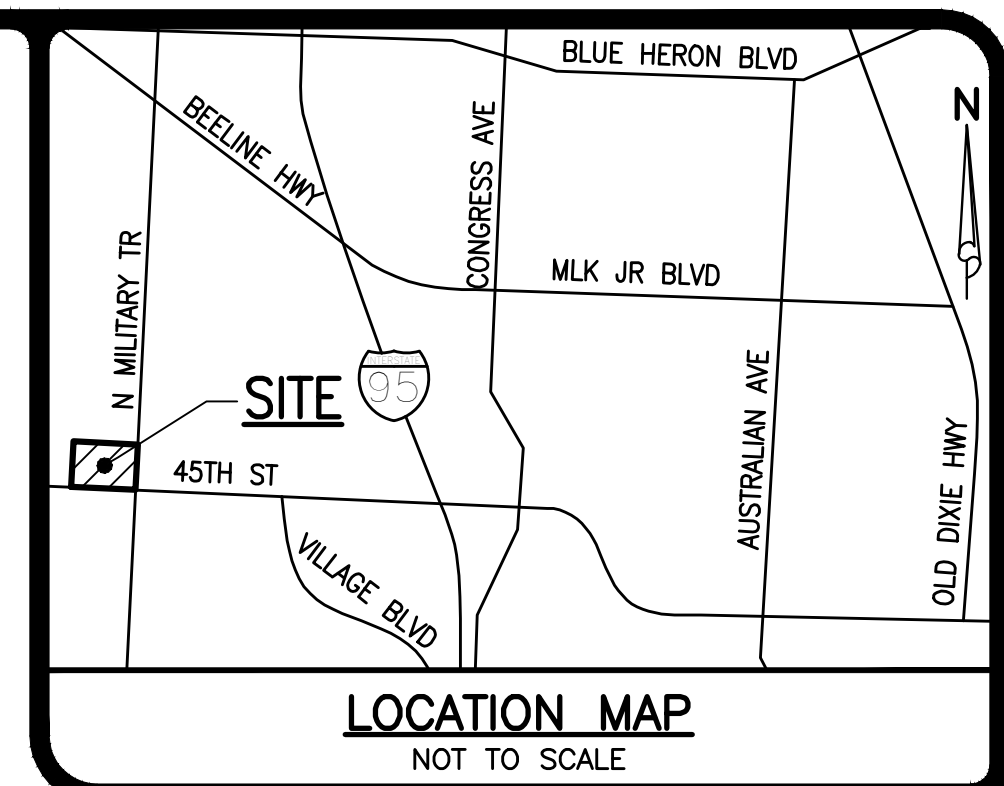
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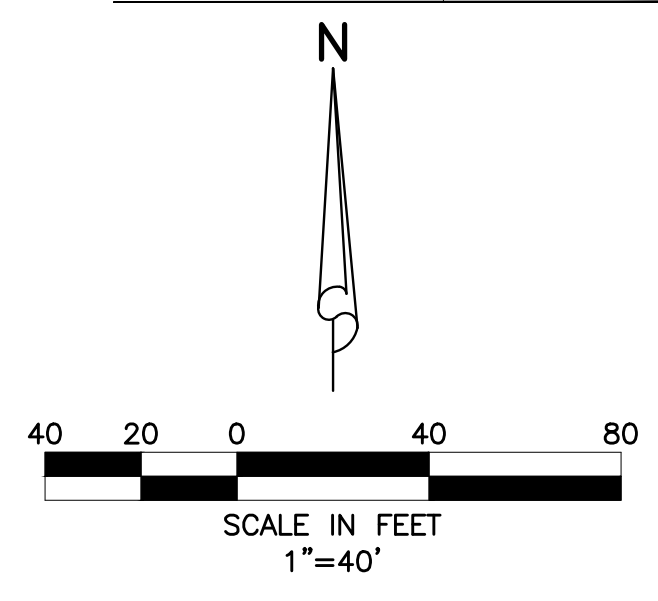
DESIGN C.B.	DRAWN B.L.	CHECKED	APPROVED	DATE
REVISIONS	JOB NO. 18-154	DRAWING NO. 18154S17	SHEET 17	OF 26

POLLUTION PREVENTION NOTES:

- 1.) THIS PLAN SHOULD BE USED AS A GUIDE. A COMPLETE STORMWATER POLLUTION PLAN SHOULD BE DEVELOPED TO MEET OR EXCEED F.D.E.P. REQUIREMENTS.
- 2.) CONTRACTOR IS RESPONSIBLE TO ENSURE THAT NO DIRT BE TRACKED OFF-SITE OR LEAVES THE SITE BY WIND, RUNOFF, OR OTHER MEANS.
- 3.) CONTRACTOR SHALL BE RESPONSIBLE FOR ALL N.P.D.E.S. REQUIREMENTS INCLUDING FILING OF N.O.I., MONITORING REPORTS AND N.O.T.
- 4.) POLLUTION PREVENTION MEASURES SHALL CONSIST OF, BUT NOT LIMITED TO, THE FOLLOWING:
 - A. CONSTRUCT WASHROCK PAD AT ALL POINTS EGRESS FOR WASHDOWN OF TRUCK TIRES.
 - B. CONSTRUCT EROSION CONTROL FENCE AND/OR TURBIDITY SCREENS ALONG PROPERTY LINES AS NEEDED.
 - C. NO AREA SHALL BE LEFT BARREN OR SUBJECT TO EROSION DURING CONSTRUCTION. SEEDING AND MULCHING IS REQUIRED FOR ANY AREAS ANTICIPATED TO BE BARREN DURING CONSTRUCTION FOR MORE THAN 15 DAYS.
 - D. TURBIDITY BARRIERS TO BE UTILIZED AT PROJECT OUTFALL.
 - E. OTHER MEASURES AS DIRECTED BY THE ENGINEER OR PALM BEACH COUNTY.
- 5.) IT IS THE CONTRACTORS RESPONSIBILITY TO COMPLY WITH ALL LOCAL, STATE AND FEDERAL POLLUTION PREVENTION REQUIREMENTS. FOR AFFECTED AREAS GREATER THAN 1 ACRE, COMPLIANCE SHALL INCLUDE (BUT IS NOT LIMITED TO) THE FOLLOWING:
 - A. PREPARATION OF A STORMWATER POLLUTION PREVENTION PLAN (S.W.P.P.P.) IN ACCORDANCE WITH THE D.E.P. "GENERIC PERMIT FOR STORMWATER DISCHARGE FROM LARGE AND SMALL CONSTRUCTION ACTIVITIES" (D.E.P. DOCUMENT NO. 62-621.300(4)(A))
 - B. SUBMITTAL OF THE NOTICE OF INTENT (N.O.I.) TO THE D.E.P.
 - C. MAINTENANCE AND INSPECTION OF THE ELEMENTS OF THE S.W.P.P.P.
 - D. MAINTENANCE OF RECORDS (INSPECTION REPORTS, N.O.I, S.W.P.P.P., ETC.)
 - E. SUBMITTAL OF THE NOTICE OF TERMINATION TO THE D.E.P. AT THE CONCLUSION OF THE PROJECT



- NOTES:**
- 1.) THE HEIGHT OF A SILT FENCE SHALL NOT EXCEED 36 INCHES (90 CM).
 - 2.) THE FILTER FABRIC SHALL BE PURCHASED IN A CONTINUOUS ROLL CUT TO THE LENGTH OF THE BARRIER TO AVOID THE USE OF JOINTS.
 - 3.) POSTS SHALL BE SPACED A MAXIMUM OF 10 FEET (3 M) APART AT THE BARRIER LOCATION AND DRIVEN SECURELY INTO THE GROUND A MINIMUM OF 12 INCHES (30 CM). WHEN EXTRA STRENGTH FABRIC IS USED WITHOUT THE WIRE SUPPORT FENCE, POST SPACING SHALL NOT EXCEED 6 FEET (1.8 M).
 - 4.) A TRENCH SHALL BE EXCAVATED APPROXIMATELY 4 INCHES (10 CM) WIDE AND 4 INCHES (10 CM) DEEP ALONG THE LINE OF POSTS AND UPSLOPE FROM THE BARRIER.
 - 5.) WHEN STANDARD STRENGTH FILTER FABRIC IS USED. A WIRE MESH SUPPORT FENCE SHALL BE FASTENED SECURELY TO THE UPSLOPE SIDE OF THE POSTS USING HEAVY DUTY WIRE STAPLES AT LEAST 1 INCH (25 MM) LONG, TIE WIRES, OR HOG RINGS. THE WIRE SHALL EXTEND INTO THE TRENCH A MINIMUM OF 2 INCHES (5 CM) AND SHALL NOT EXTEND MORE THAN 36 INCHES (90 CM) ABOVE THE ORIGINAL GROUND SURFACE.
 - 6.) THE STANDARD STRENGTH FILTER FABRIC SHALL BE STAPLED OR WIRED TO THE FENCE, AND 8 INCHES (20 CM) OF THE FABRIC SHALL BE EXTENDED INTO THE TRENCH. THE FABRIC SHALL NOT EXTEND MORE THAN 36 INCHES (90 CM) ABOVE THE ORIGINAL GROUND SURFACE.
 - 7.) THE TRENCH SHALL BE BACKFILLED AND THE SOIL COMPACTED OVER THE FILTER FABRIC.



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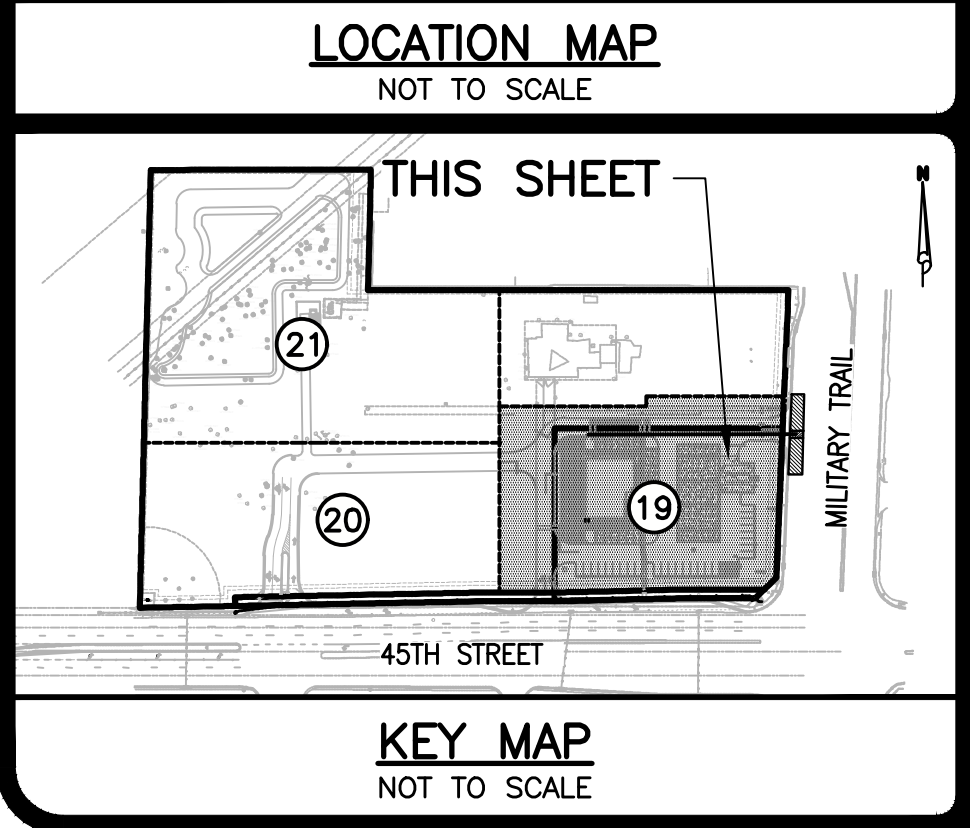
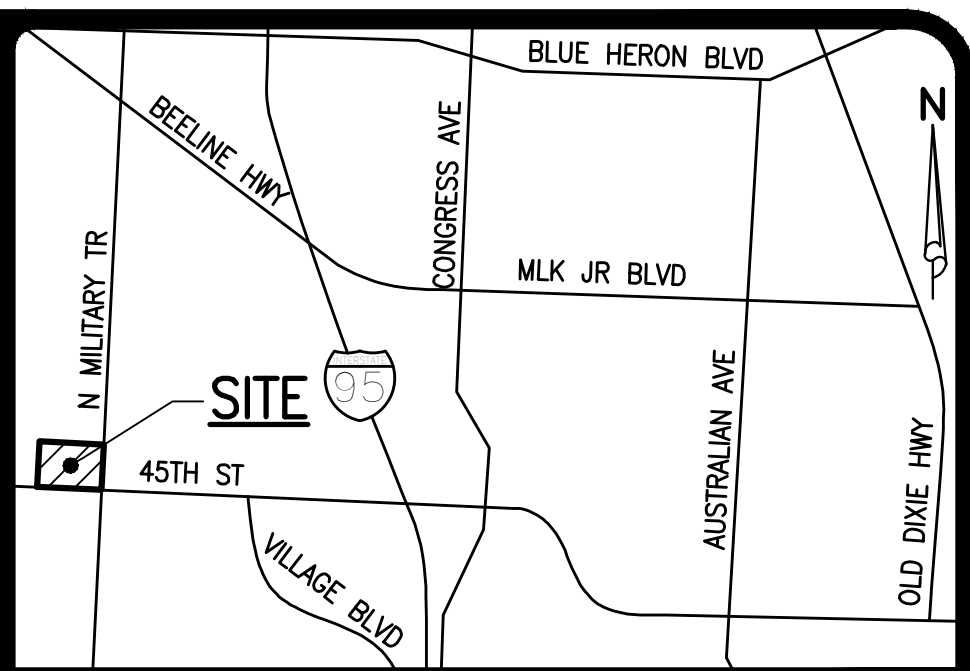
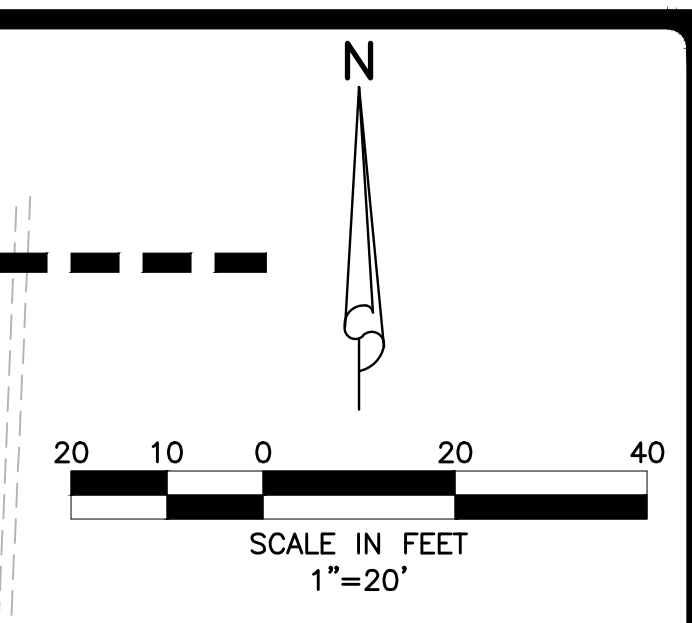
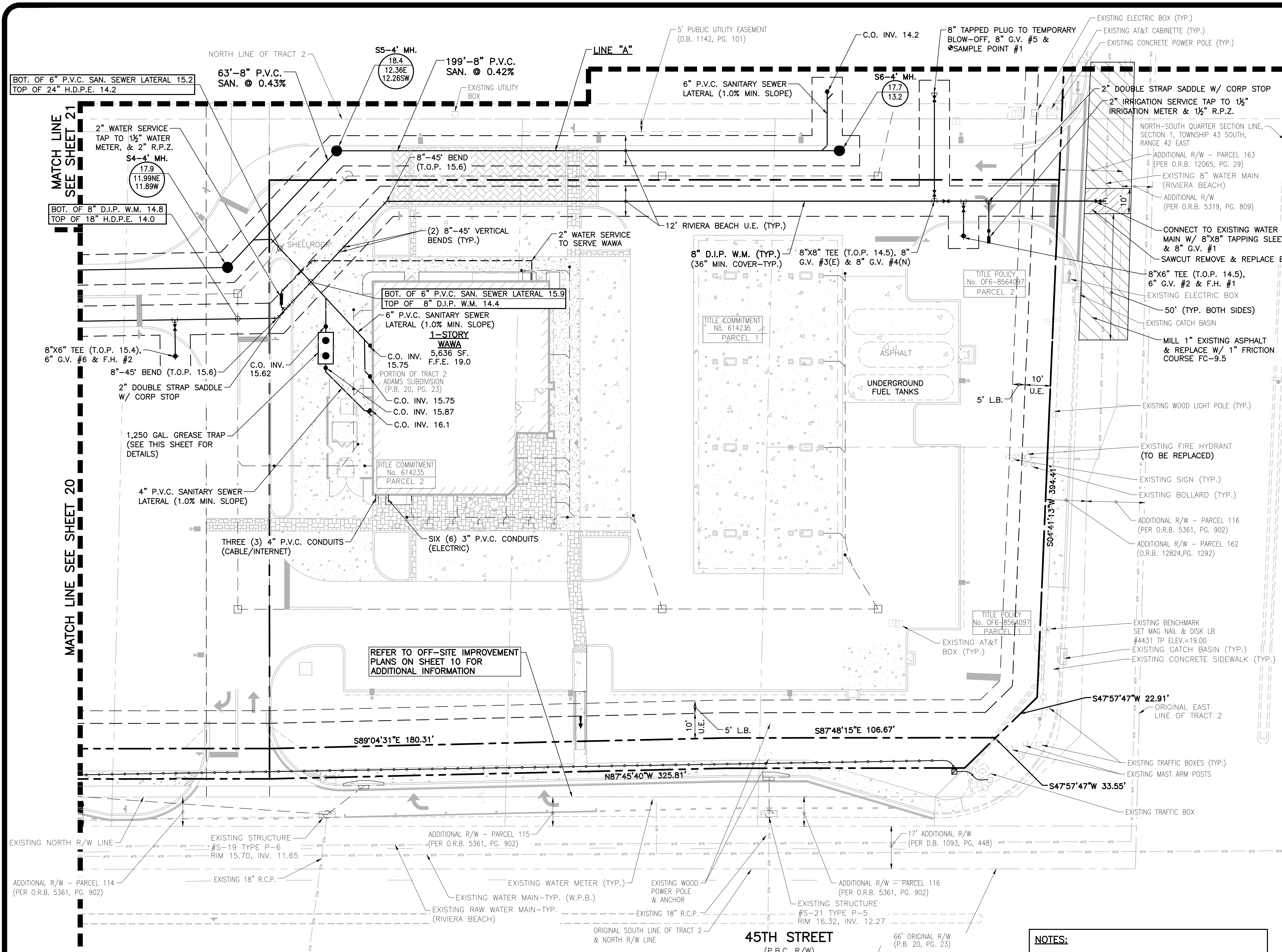
PRIME CORNER – PHASE 1

SECTION 01, TOWNSHIP 43S., RANGE 42E.

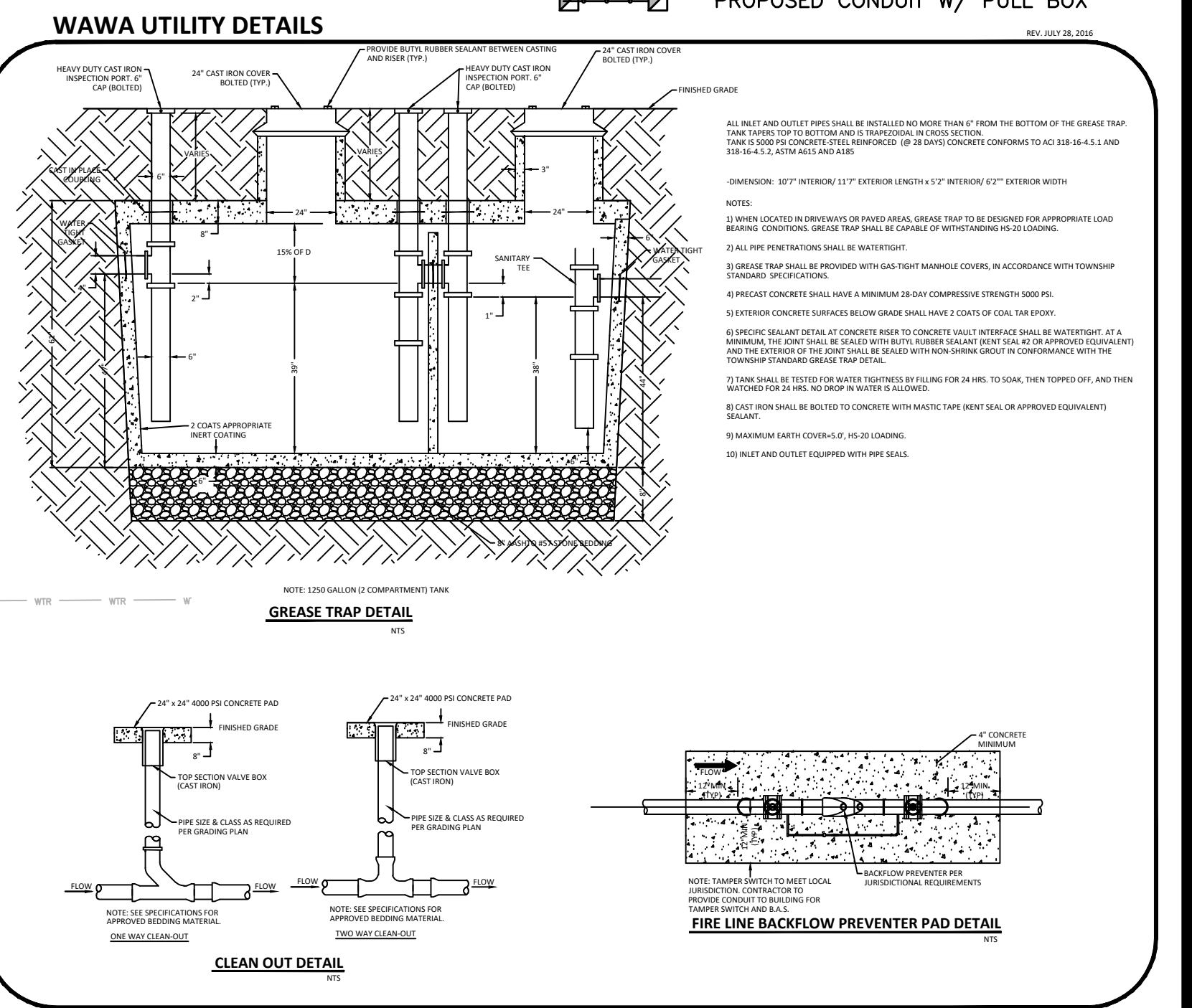
CITY OF WEST PALM BEACH, FLORIDA

POLLUTION PREVENTION PLAN

JOB NO.	DRAWING NO.	SHEET
18-154	18154S18	18 OF 26



- LEGEND**
- S1-4' MH. MANHOLE NUMBER AND TYPE
 - 19.5 MANHOLE TOP ELEVATION
 - 16.0 MANHOLE INVERT ELEVATION
 - SINGLE SEWER SERVICE W/ CLEAN-OUT
 - DOUBLE SEWER SERVICE W/ CLEAN-OUT
 - SANITARY SEWER LINE, MANHOLE AND DIRECTION OF FLOW
 - FIRE HYDRANT W/ GATE VALVE
 - WATER SERVICE, WATER METER & R.P.Z.
 - WATER MAIN & GATE VALVE
 - GATE VALVE & D.D.C.V. ASSEMBLY
 - SAWCUT, REMOVE, & REPLACE EXISTING CONCRETE, ASPHALT, CURB, ETC.
 - MILL & RESURFACE
 - PROPOSED CONDUIT W/ PULL BOX



NOTES:

- ON-SITE SEWER LATERALS ARE PRIVATELY OWNED AND MAINTAINED.
- CONTRACTOR TO FIELD VERIFY LOCATION AND DEPTH OF ALL EXISTING UTILITIES PRIOR TO CONSTRUCTION AND NOTIFY ENGINEER OF ANY CONFLICTS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO COORDINATE ALL EXISTING UTILITY LOCATES, SUPPORT, RELOCATIONS AND NOTIFICATIONS REQUIRED WITH ALL APPLICABLE UTILITY SERVICE PROVIDERS.

DATUM NOTES:

- ALL ELEVATIONS SHOWN HEREON ARE RELATIVE TO THE NORTH AMERICAN VERTICAL DATUM (N.A.V.D.) OF 1988 BASED ON A SURVEY PREPARED BY LIDBERG LAND SURVEYING, INC. (561) 746-8454.
- AN APPROXIMATE CONVERSION BETWEEN THE NATIONAL GEODETIC VERTICAL DATUM (N.G.V.D.) OF 1929 AND N.A.V.D. CAN BE MADE BY ADDING 1.5' TO THE N.A.V.D. ELEVATION TO OBTAIN THE N.G.V.D. ELEVATION.

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2.) ADDED R/W DEDICATION BEARINGS & DISTANCE PER RIVIERA BEACH UTILITIES, 12/17/21 B.L.

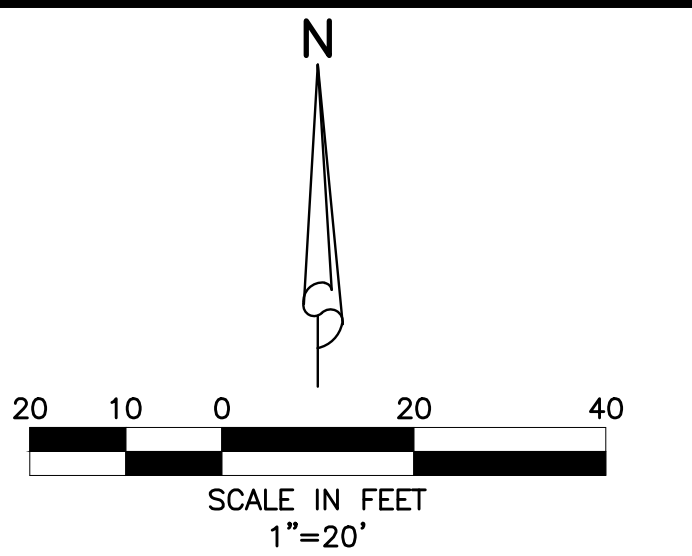
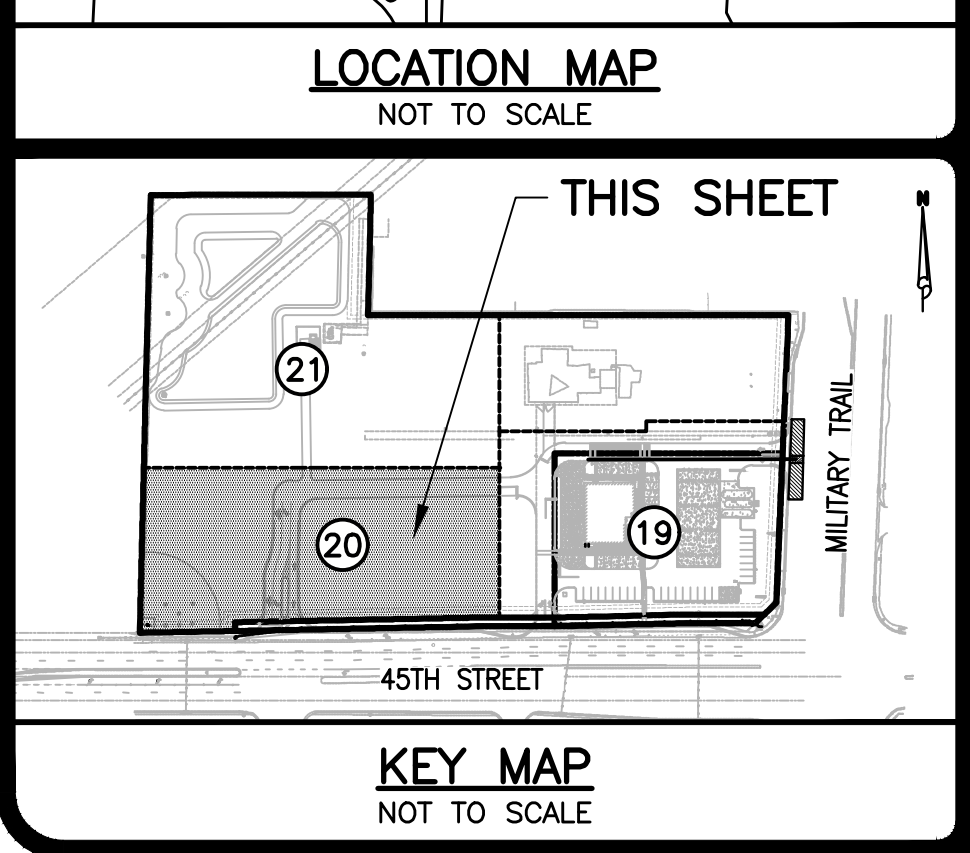
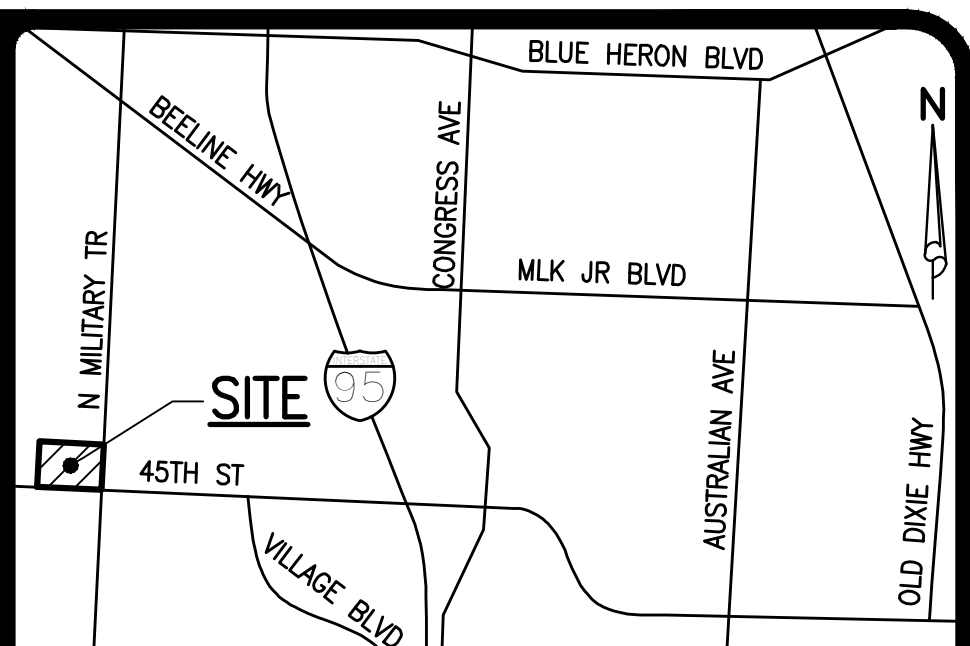
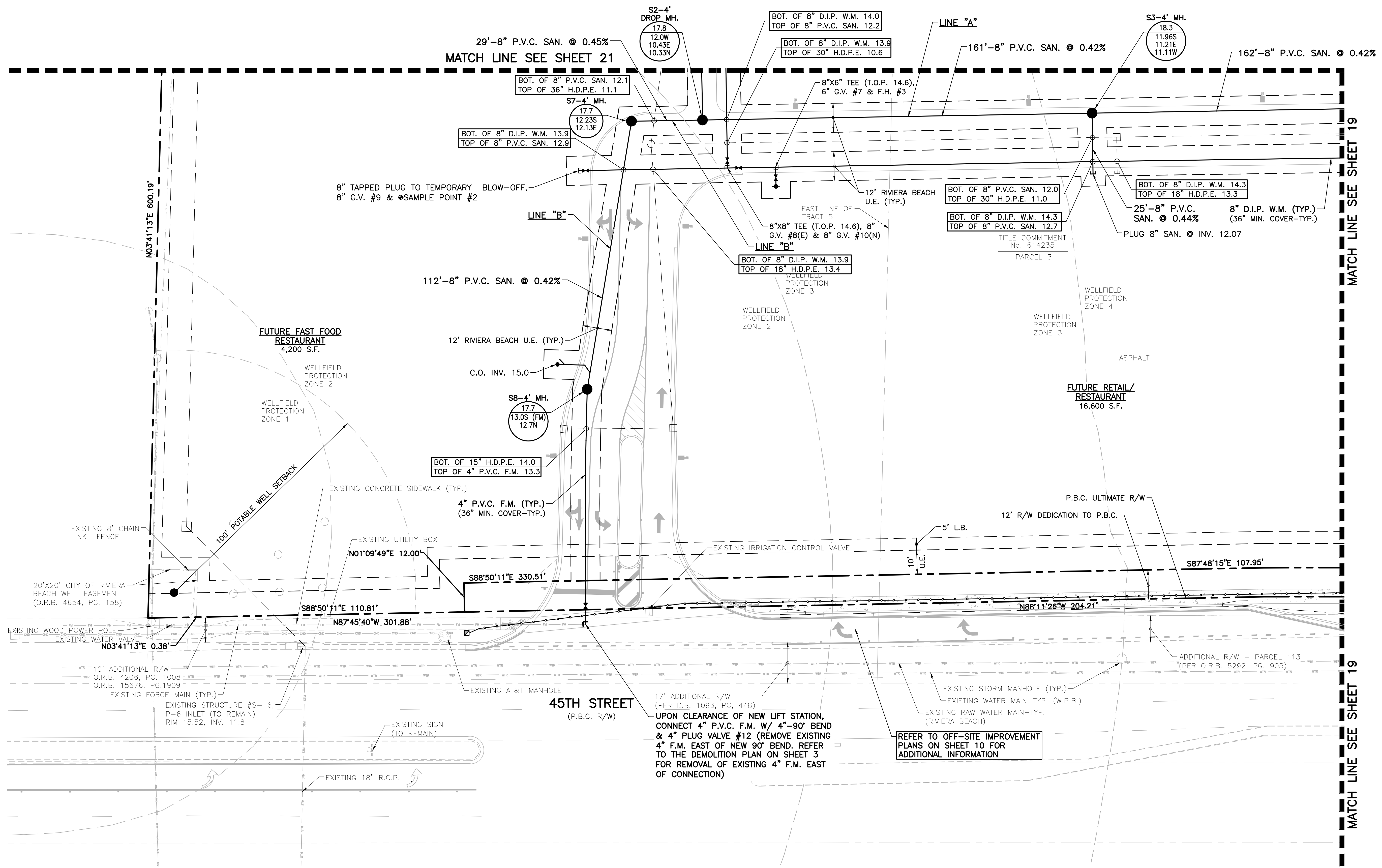
1.) ADDED IRRIGATION METER PER WAWA, 03/05/21 B.L.

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PRIME CORNER - PHASE 1
 SECTION 01, TOWNSHIP 43S., RANGE 42E.
 CITY OF WEST PALM BEACH, FLORIDA
WATER AND WASTEWATER PLAN

JOB NO.	DRAWING NO.	SHEET
18-154	18154S19	19 OF 26



- LEGEND**
- S1-4' MH. MANHOLE NUMBER AND TYPE
 - 19.5 MANHOLE TOP ELEVATION
 - 16.0 MANHOLE INVERT ELEVATION
 - SINGLE SEWER SERVICE W/ CLEAN-OUT
 - DOUBLE SEWER SERVICE W/ CLEAN-OUT
 - SANITARY SEWER LINE, MANHOLE AND DIRECTION OF FLOW
 - FIRE HYDRANT W/ GATE VALVE
 - WATER SERVICE, WATER METER & R.P.Z.
 - WATER MAIN & GATE VALVE
 - GATE VALVE & D.D.C.V. ASSEMBLY
 - SAWCUT, REMOVE, & REPLACE EXISTING CONCRETE, ASPHALT, CURB, ETC.
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- NOTES:**
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2.) ADDED R/W DEDICATION BEARINGS & DISTANCE PER
 RIVIERA BEACH UTILITIES, 12/17/21 B.L.

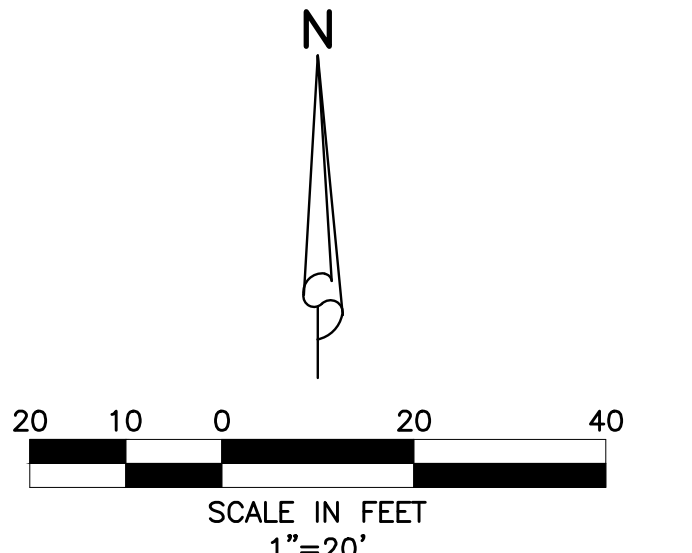
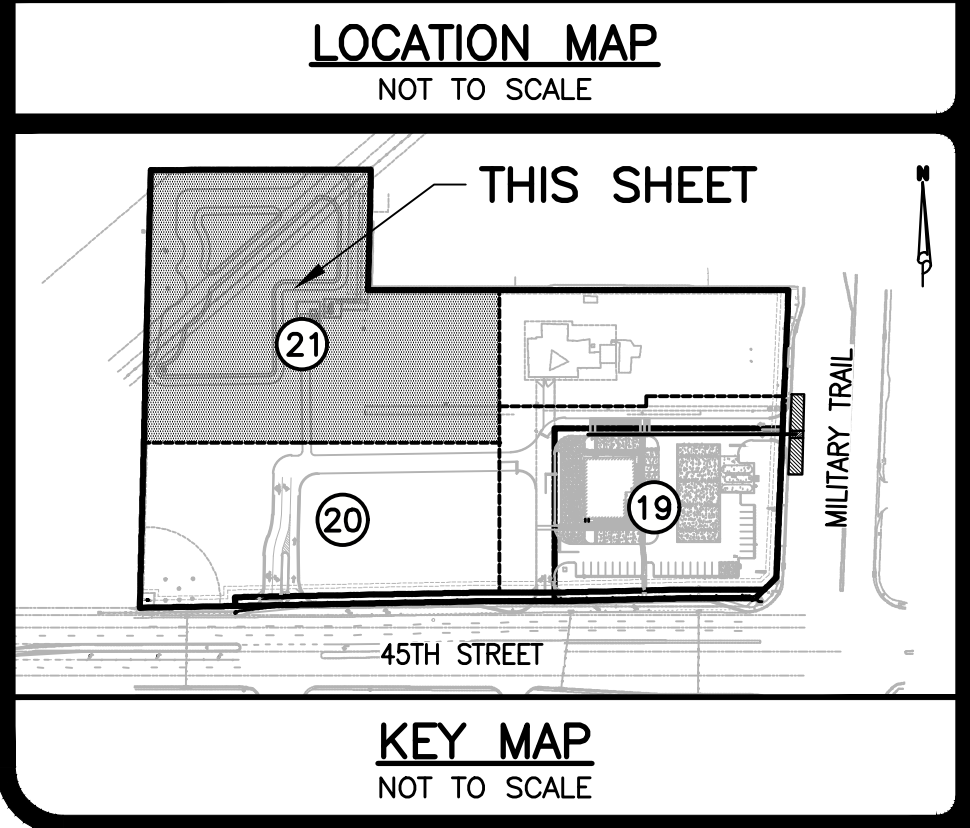
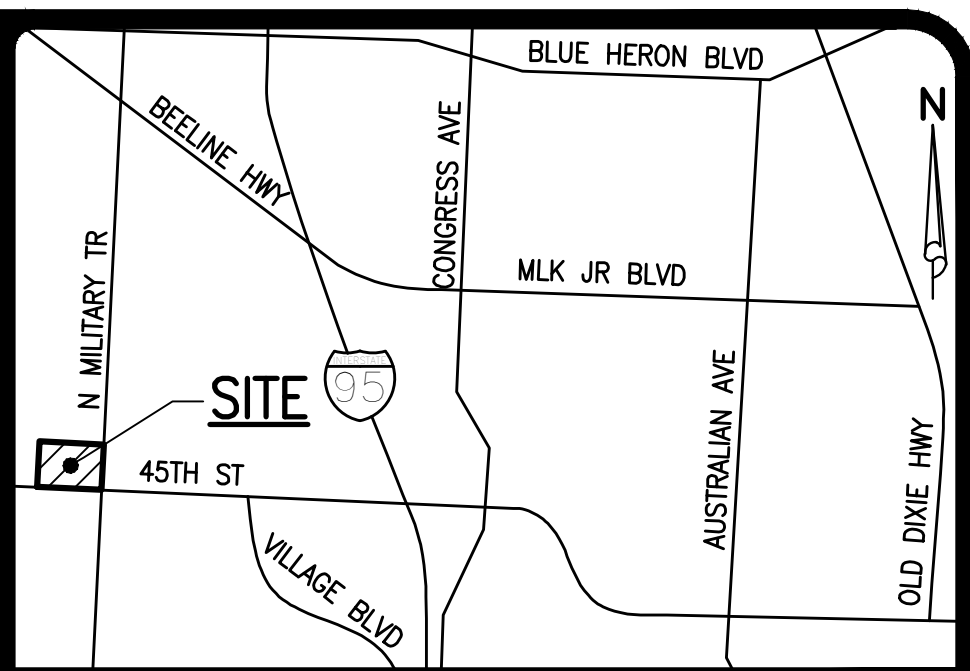
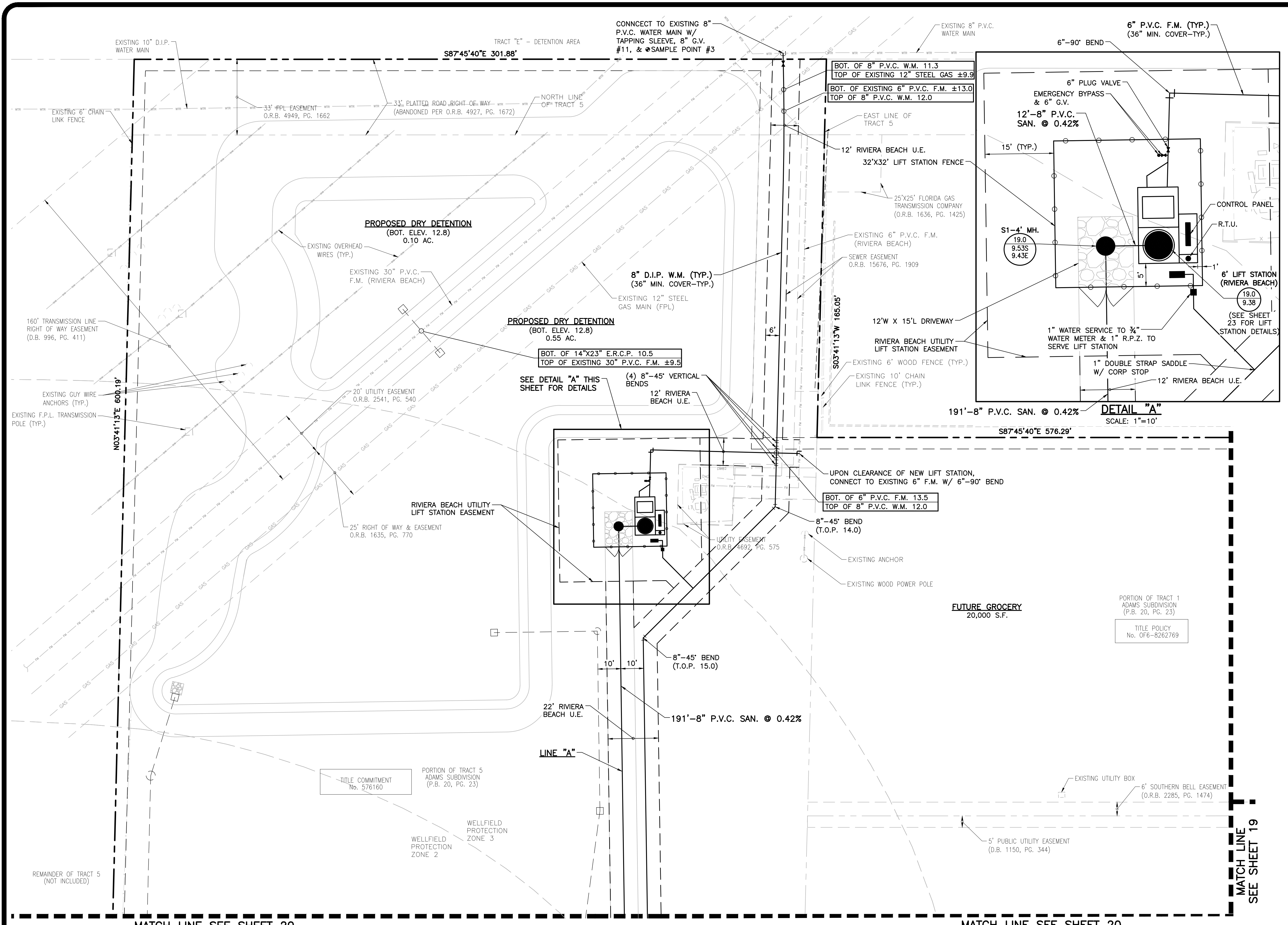
1.) REVISED 4" G.V. TO PLUG VALVE PER RIVIERA BEACH
 UTILITIES COMMENTS, 06/04/21 B.L.

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PRIME CORNER - PHASE 1
 SECTION 01, TOWNSHIP 43S., RANGE 42E.
 CITY OF WEST PALM BEACH, FLORIDA
WATER AND WASTEWATER PLAN

JOB NO.	DRAWING NO.	SHEET	OF
18-154	18154S20	20	26



- LEGEND**
- S1-4' MH. MANHOLE NUMBER AND TYPE
 - 19.5 MANHOLE TOP ELEVATION
 - 16.0 MANHOLE INVERT ELEVATION
 - SINGLE SEWER SERVICE W/ CLEAN-OUT
 - DOUBLE SEWER SERVICE W/ CLEAN-OUT
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2.) REVISED RIVIERA BEACH U.E. TO LIFT STATION EASEMENT PER RIVIERA BEACH UTILITIES COMMENTS, 07/27/21 B.L.

1.) REVISED LIFT STATION WET WELL LOCATIONS AND ADDED A NEW MANHOLE PER RIVIERA BEACH UTILITIES COMMENTS, 06/04/21 B.L.

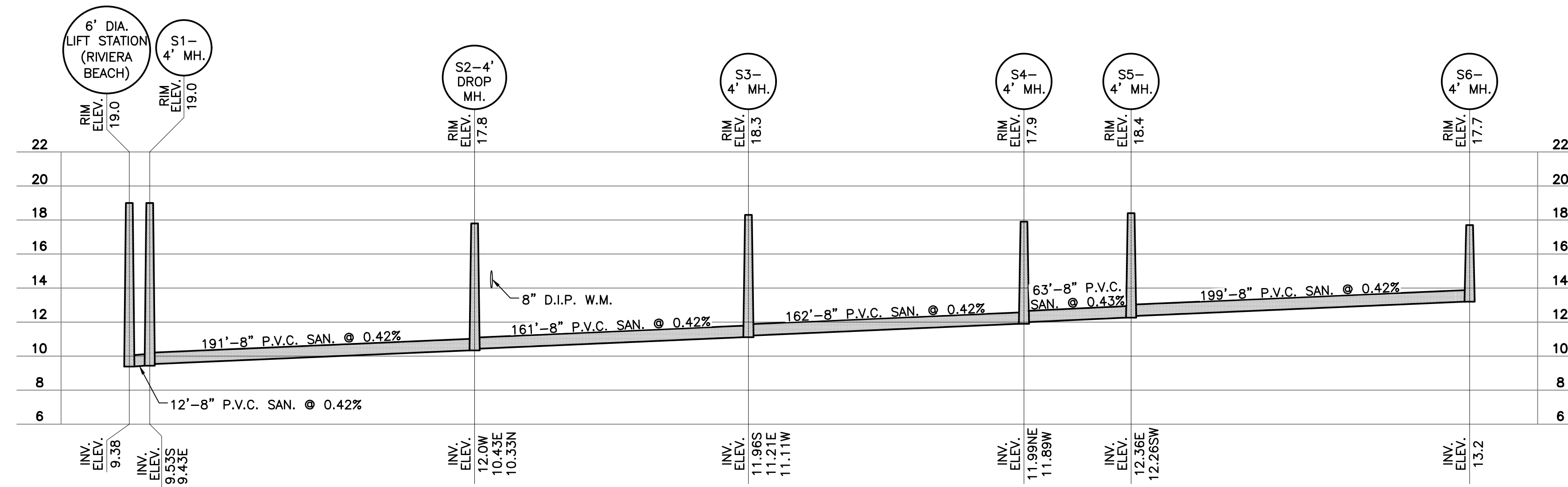
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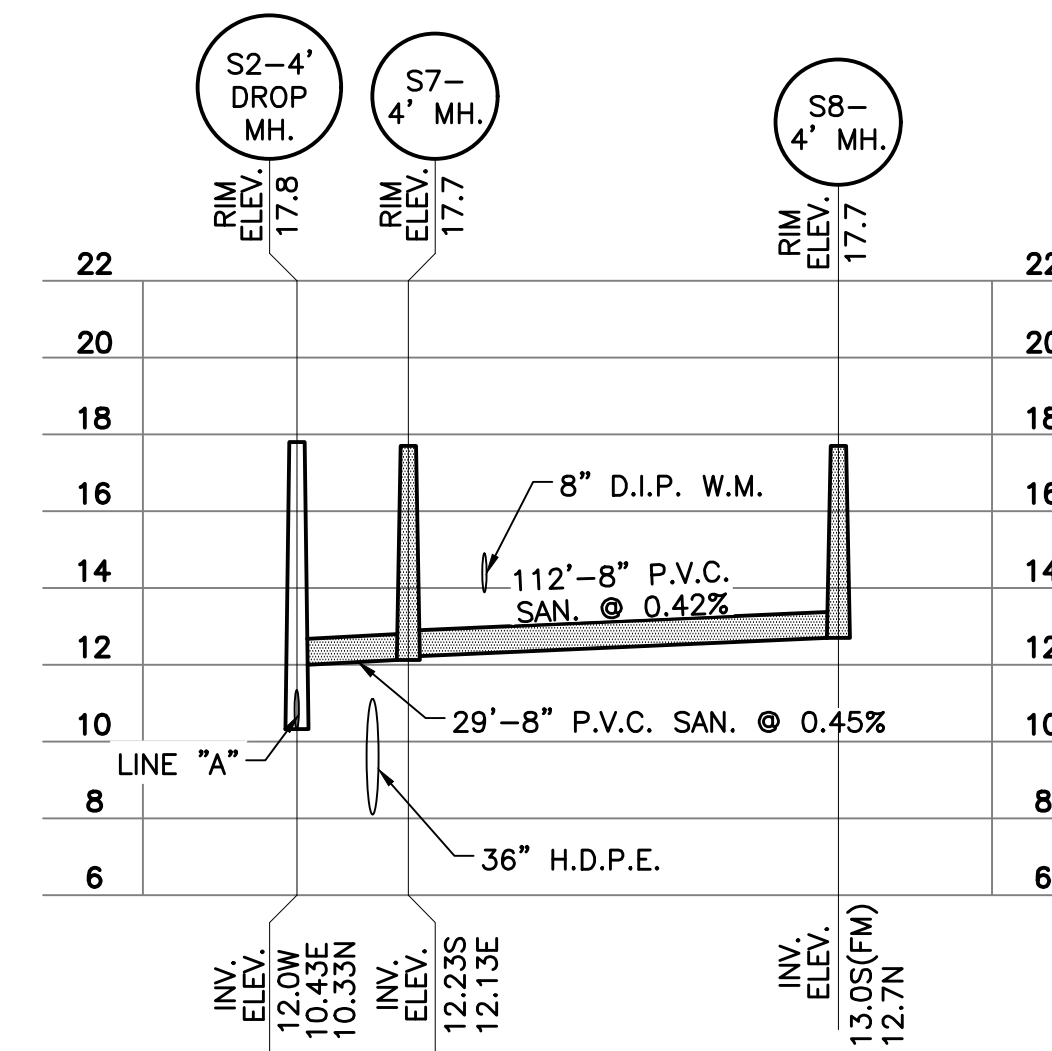
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 CITY OF WEST PALM BEACH, FLORIDA
WATER AND WASTEWATER PLAN

JOB NO.	DRAWING NO.	SHEET	OF
18-154	18154S21	21	26

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LINE "A"
 SCALE: 1"=50' (HORIZ.)
 1"=5' (VERT.)



LINE "B"
 SCALE: 1"=50' (HORIZ.)
 1"=5' (VERT.)

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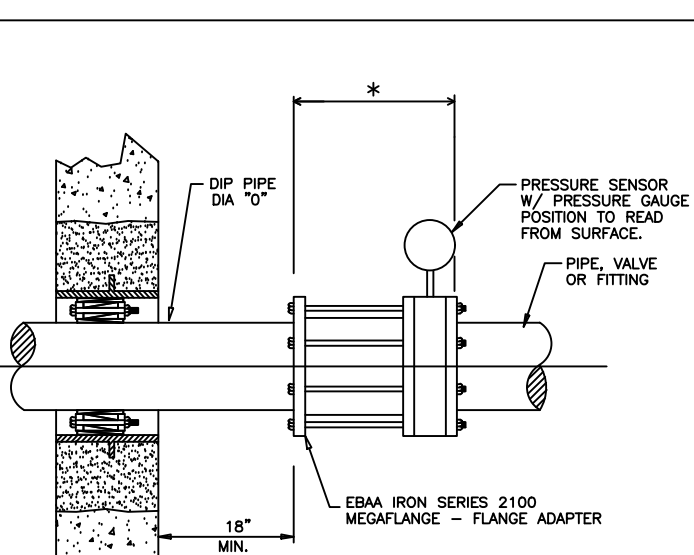
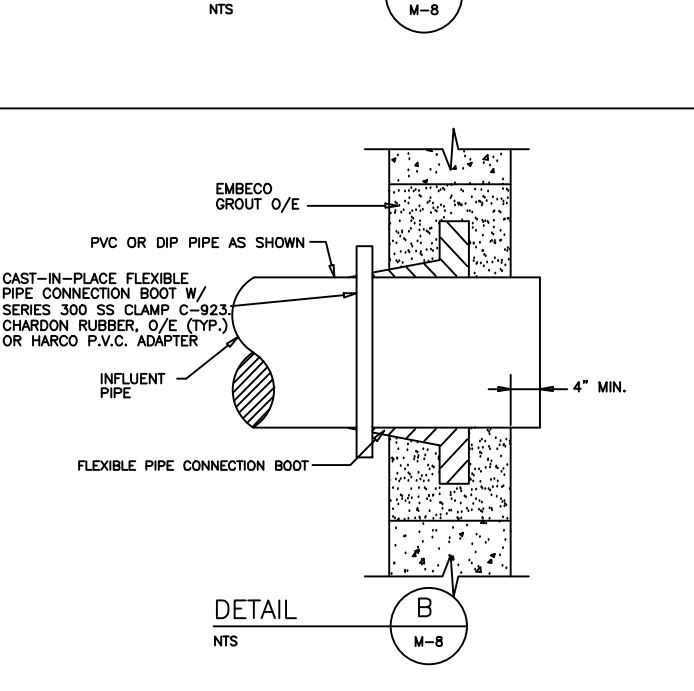
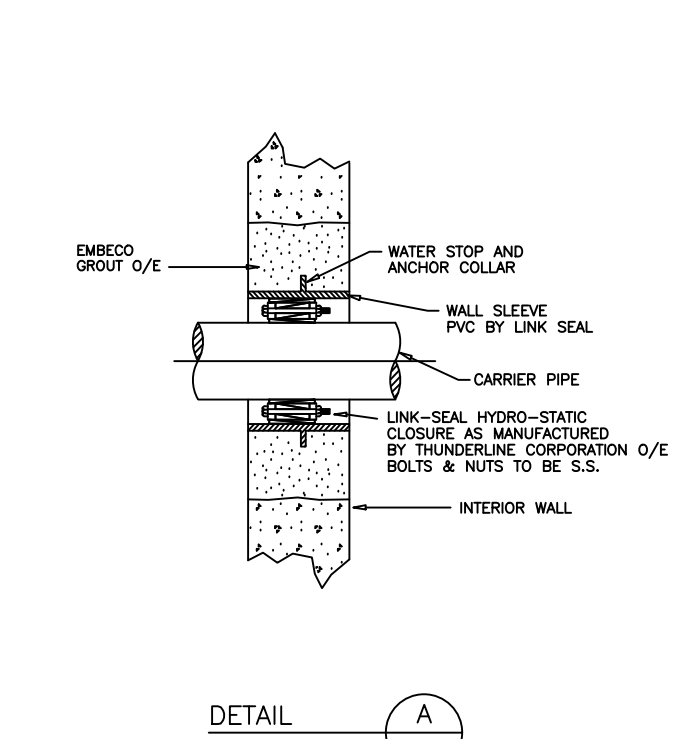
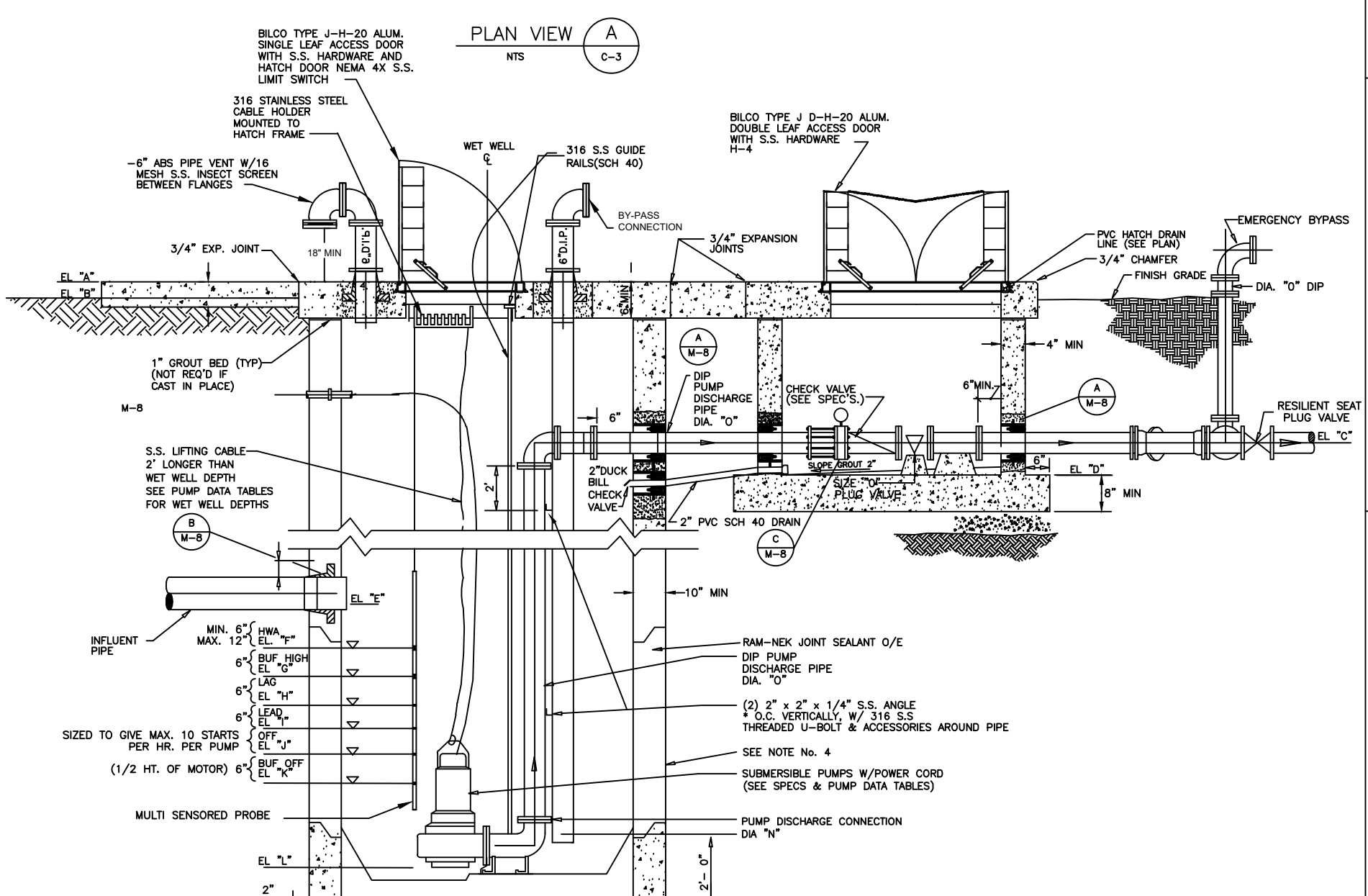
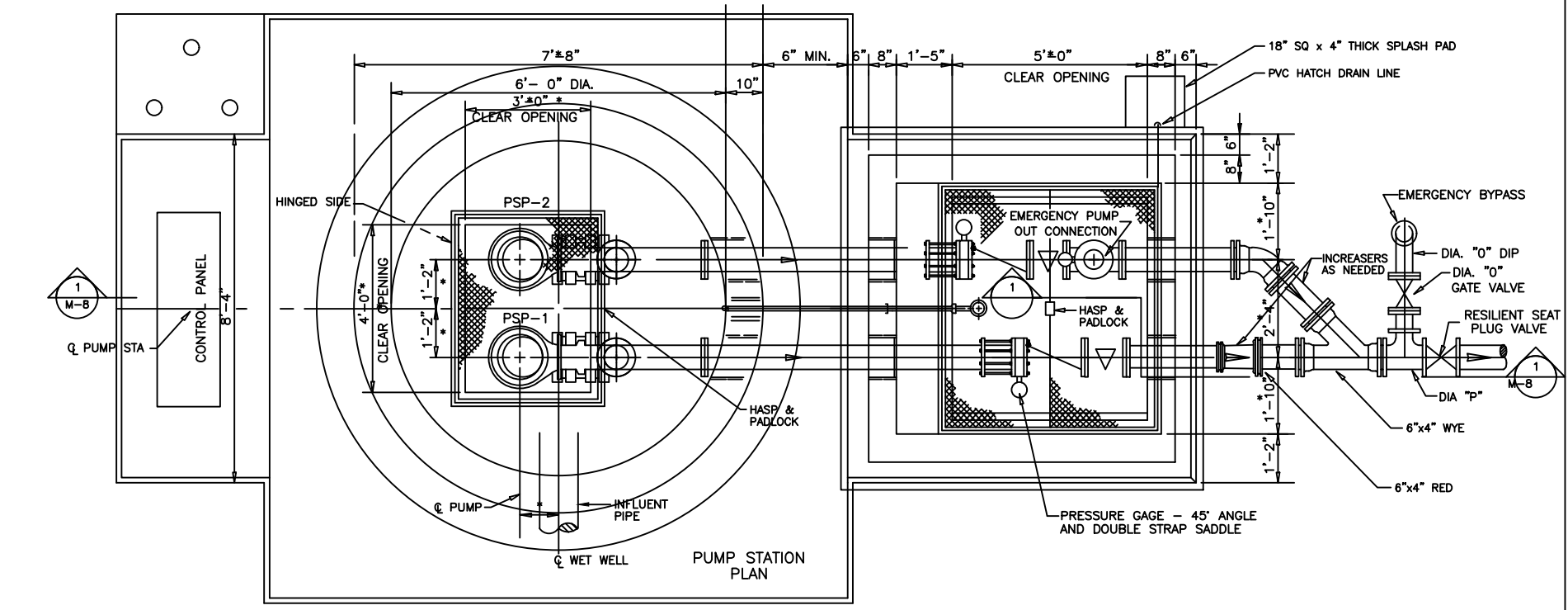
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 CITY OF WEST PALM BEACH, FLORIDA
SANITARY SEWER PROFILE

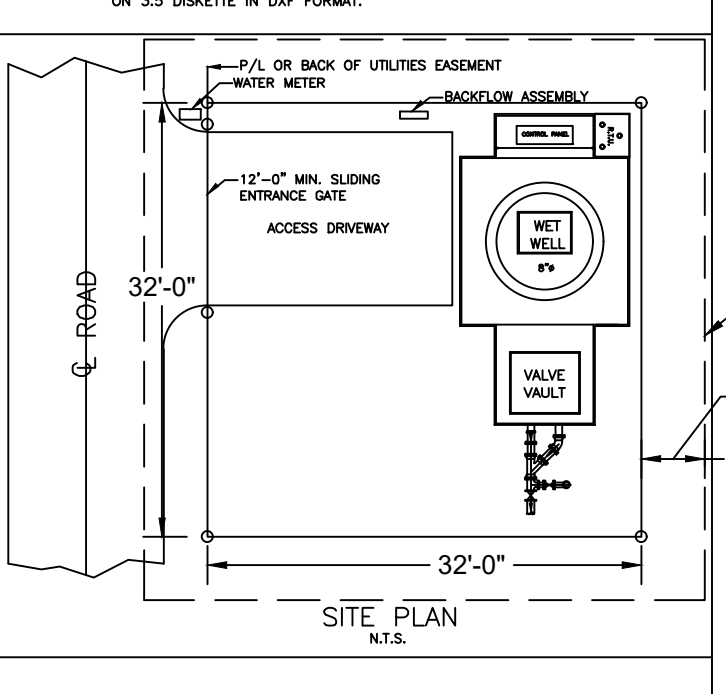
JOB NO. 18-154	DRAWING NO. 18154S22	SHEET 22	OF 26
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ITEM	DESCRIPTION	SIZE	ELEVATION
TOP OF SLAB	EL. 7' 10"	19.0	
FINISH GRADE	EL. 7' 8"	18.5	
Q DISCHARGE PIPE	EL. 7' 0"	15.25	
WAVE BOX BASE SLAB	EL. 7' 0"	14.5	
LOWEST INFLOW LINE - INVERT	EL. 7' 0"	9.48	
HIGH LEVEL ALARM	EL. 7' 0"	8.48	
BACK UP FLOAT HIGH - ON	EL. 7' 0"	7.88	
LAG PUMP - ON	EL. 7' 0"	7.48	
LEAD PUMP - ON	EL. 7' 0"	6.98	
BOTH PUMPS - OFF	EL. 7' 0"	5.58	
BACK UP FLOAT LOW - OFF	EL. 7' 0"	5.08	
PUMP SUCTION	EL. 7' 0"	2.58	
WET WELL BASE SLAB	EL. 7' 0"	2.08	
PUMP DISCHARGE FLANGE	DA. 10"	4"	
PUMP EFFLUENT PIPE	DA. 7"	4"	
COMMON FORCE MAIN	DA. 7"	4"	
PUMP SUCTION CLEARANCE	DM 10"	4"	

PUMP STATION DATA & ELEVATIONS

- GENERAL NOTES:**
1. SYMBOL (X) DENOTES DIMENSION TO BE CONFIRMED WITH MANUFACTURER'S SHOP DRAWINGS.
 2. ALL EQUIPMENT, ANCHOR BOLT SIZES, LOCATIONS, CLEARANCES, ETC. SHALL BE IN CONFORMANCE WITH THE MANUFACTURER'S RECOMMENDATIONS AND THE APPROVED SHOP DRAWINGS.
 3. ALL ALUMINUM SURFACES IN CONTACT WITH CONCRETE SHALL HAVE A BROMINIC COATING (2 COATS, 9 MILS EACH COAT DFT).
 4. ALL STRUCTURES SHALL BE COATED AS PER SPECIFICATIONS.
 5. CHAMFER ALL EXPOSED CONCRETE EDGES 3/4" MINIMUM.
 6. ALL BACKFILL SHALL BE PLACED AND COMPACTED IN ACCORDANCE WITH THE SPECIFICATIONS.
 7. TYPE 316 STAINLESS STEEL SHALL BE USED IN THE WET WELL FOR FLANGE BOLTS, BRACKETS, GUIDE RAILS AND ALL OTHER HARDWARE.
 8. WET WELL SHALL BE CONSTRUCTED OF 6" - 8" MAX. LG. SECTIONS OF REINFORCED CONCRETE PIPE IN ACCORDANCE WITH THE SPECIFICATIONS. MINIMUM WALL THICKNESS SHALL BE 12" FOR ALL SECTIONS. THE TOP OF THE WET WELL SHALL BE 12" BELOW FINISH GRADE.
 9. PUMP ACCESS HATCH CONFIGURATION AND DIMENSIONS SHALL BE CONFIRMED W/ EQUIPMENT SUPPLIER. DIMENSIONS SHOWN ARE MINIMUM VALUES ONLY.
 10. PIPING, VALVES AND FITTINGS IN VALVE VALVE AREA SHALL BE SUPPORTED AS DETAILED IN THE FIELD BY THE ENGINEER.
 11. 1/2" - 1" BOLTS TO BE USED (STAINLESS STEEL).
 12. MINIMUM METHILL INTERNAL DIAMETER SHALL BE 6 FEET. THE TOP OF THE METHILL SHALL BE 12" BELOW FINISH GRADE.
 13. ALL AS-BUILT MEASUREMENTS AND ELEVATIONS TO BE MADE BY A CERTIFIED SURVEYOR.
 14. ALL AS-BUILT SHALL BE TURNED OVER TO THE UTILITIES DEPARTMENT. THERE SHALL BE ONE PAPER COPY, ONE MPAN COPY AND ONE COPY ON 3.5 DISKETTE IN DWF FORMAT.



LIFT STATION DETAILS

INSTRUMENT SOCIETY OF AMERICA TABLE

LETTER	PROCESS OR INITIATING VARIABLE	MODIFIER	READOUT OR PASSIVE FUNCTION	SUCCESSING LETTERS	OUTPUT FUNCTION	MODIFIER
A	ANALYSIS (I)		ALARM	USERS CHOICE (I)	USERS CHOICE (I)	
B	BURNER FLAME		USERS CHOICE (I)	USERS CHOICE (I)	USERS CHOICE (I)	
C	CONDUCTIVITY		ALARM	CONTROL		
D	DENSITY (B.G.)	DIFFERENTIAL	PRIMARY ELEMENT			
E	VOLTAZ					
F	FLOW RATE	RATIO	GLASS	GATE	HIGH	
G	GAUGE		INDICATE			
H	HAND (MANUAL)		LIGHT (PILOT)	CONTROL STATION	LOW	
I	CURRENT		USERS CHOICE (I)	USERS CHOICE (I)	NORMAL	
J	POWER	SCAN				
K	TIME OR SCHEDULE		OFFICE			
L	LEVEL		POINT TEST			
M	MOTION		RECORD OR PRINT			
N	STROKE		UNCLASSIFIED (I)	UNCLASSIFIED (I)	UNCLASSIFIED (I)	
O	LOCK-VER. DETECTOR		RELAY OR COMPLETE (I)	RELAY OR COMPLETE (I)	RELAY OR COMPLETE (I)	
P	PRESSURE OR VACUUM		UNCLASSIFIED (I)	UNCLASSIFIED (I)	UNCLASSIFIED (I)	
Q	QUANTITY OR EVENT		UNCLASSIFIED (I)	UNCLASSIFIED (I)	UNCLASSIFIED (I)	
R	RATIO		UNCLASSIFIED (I)	UNCLASSIFIED (I)	UNCLASSIFIED (I)	
S	SPEED OR FREQUENCY	SAFETY	UNCLASSIFIED (I)	UNCLASSIFIED (I)	UNCLASSIFIED (I)	
T	TEMPERATURE		UNCLASSIFIED (I)	UNCLASSIFIED (I)	UNCLASSIFIED (I)	
U	MULTIVARIABLE (I)		UNCLASSIFIED (I)	UNCLASSIFIED (I)	UNCLASSIFIED (I)	
V	VISIBILITY		UNCLASSIFIED (I)	UNCLASSIFIED (I)	UNCLASSIFIED (I)	
W	WEIGHT OR FORCE		UNCLASSIFIED (I)	UNCLASSIFIED (I)	UNCLASSIFIED (I)	
X	UNCLASSIFIED (I)		UNCLASSIFIED (I)	UNCLASSIFIED (I)	UNCLASSIFIED (I)	
Y	PHOTO CELL		UNCLASSIFIED (I)	UNCLASSIFIED (I)	UNCLASSIFIED (I)	
Z	POSITION		UNCLASSIFIED (I)	UNCLASSIFIED (I)	UNCLASSIFIED (I)	

INSTRUMENT ABBREVIATION

ABBREVIATION	DESCRIPTION
BFP	BELT FILTER PRESS
CP	CONTROL PANEL
DI/AI	DISCRETE INPUT ANALOG INPUT
DO/AO	DISCRETE OUTPUT ANALOG OUTPUT
FD	CHEMICAL FEEDER
GEN	GENERATOR
H/O	HIGH-LOW-OFF
HOA	HAND-OFF-AUTO
HL	HIGH-LOW
LOS	LOCK-OUT-STOP
LP/U	LEVEL PROTECTION UNIT
MCC	MOTOR CONTROL CENTER
ME	MISCELLANEOUS EQUIPMENT
OC/A	OPEN/CLOSE-AUTO
OC	OPEN/CLOSE
OD	ON-OFF
ORP	Oxidation-Reduction Potential
OS/C	OPEN-STOP-CLOSE
OS/CK	OPEN-STOP-CLOSE-REMOTE
PH	PHOSPHORUS CONCENTRATION
RSP	REMOTE TO PANEL
RSP	REMOTE SET POINT
SS	START/STOP
SS	HIGH-LOW-OFF-REMOTE
VSD	VARIABLE SPEED DRIVE
ES	EMERGENCY STOP
EP	ELECTRICAL PANEL
RE/TE	REMOTE/LOCAL
MOV	MOTOR OPERATED VALVE
D/O	DISSOLVED OXYGEN CONDUCTIVITY
COND	THERMAL DISPERSION
RF	RF (ADAPTANCE) LEVEL MONITOR
RF	SOUND FLOWMETER

INSTRUMENTATION LEGEND

SYMBOL	DESCRIPTION
(Solid line)	PRIMARY PROCESS FLOW
(Dashed line)	FUTURE PRIMARY PROCESS FLOW
(Dotted line)	SECONDARY PROCESS FLOW
(Line with arrow)	CONNECTION TO PROCESS FLOW
(Line with arrow and 'S')	INSTRUMENT SUPPLY
(Line with arrow and 'D')	ELECTRICAL SIGNAL (DISCRETE)
(Line with arrow and 'A')	ELECTRICAL SIGNAL (ANALOG)
(Line with arrow and 'M')	FIBER OPTIC DATA HIGHWAY
(Line with arrow and 'P')	ELECTRICAL SIGNAL (PULSE)

INSTRUMENT IDENTIFICATION

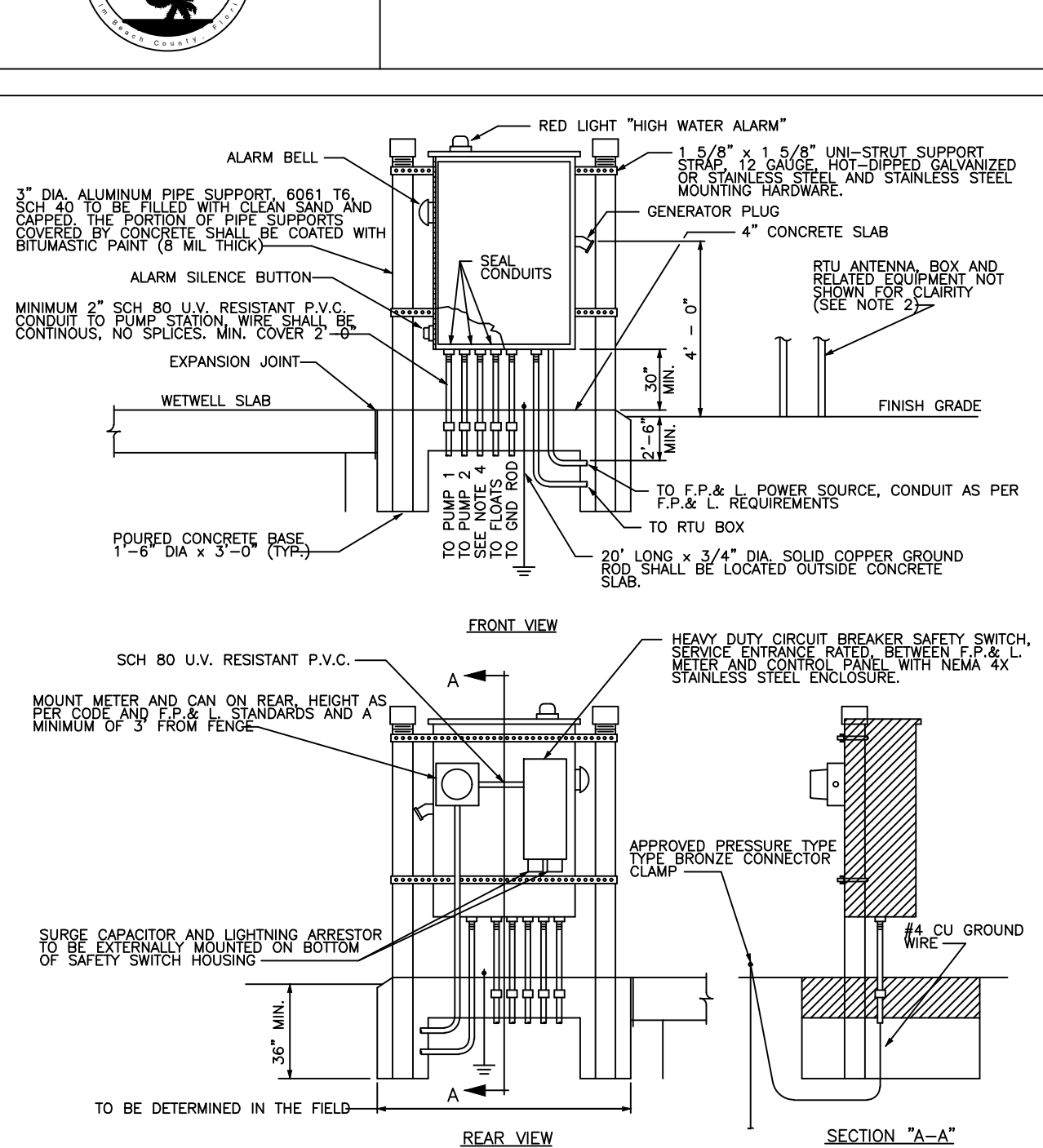
1. COMPONENTS AND PANELS SHOWN WITH A DIAMOND (I) ARE TO BE PROVIDED UNDER SECTION "INSTRUMENTATION & CONTROL".

2. COMPONENTS AND PANELS SHOWN WITH A DOUBLE ASTERISK (**) ARE TO BE PROVIDED BY OTHERS.

3. THE SINGLE INSTRUMENT & CONTROL SUPPLIER SHALL HAVE AN ULL APPROVED SHOP.

TYPICAL INSTRUMENTATION WIRING DETAIL

TYPICAL CONTROL LOOP DIAGRAM



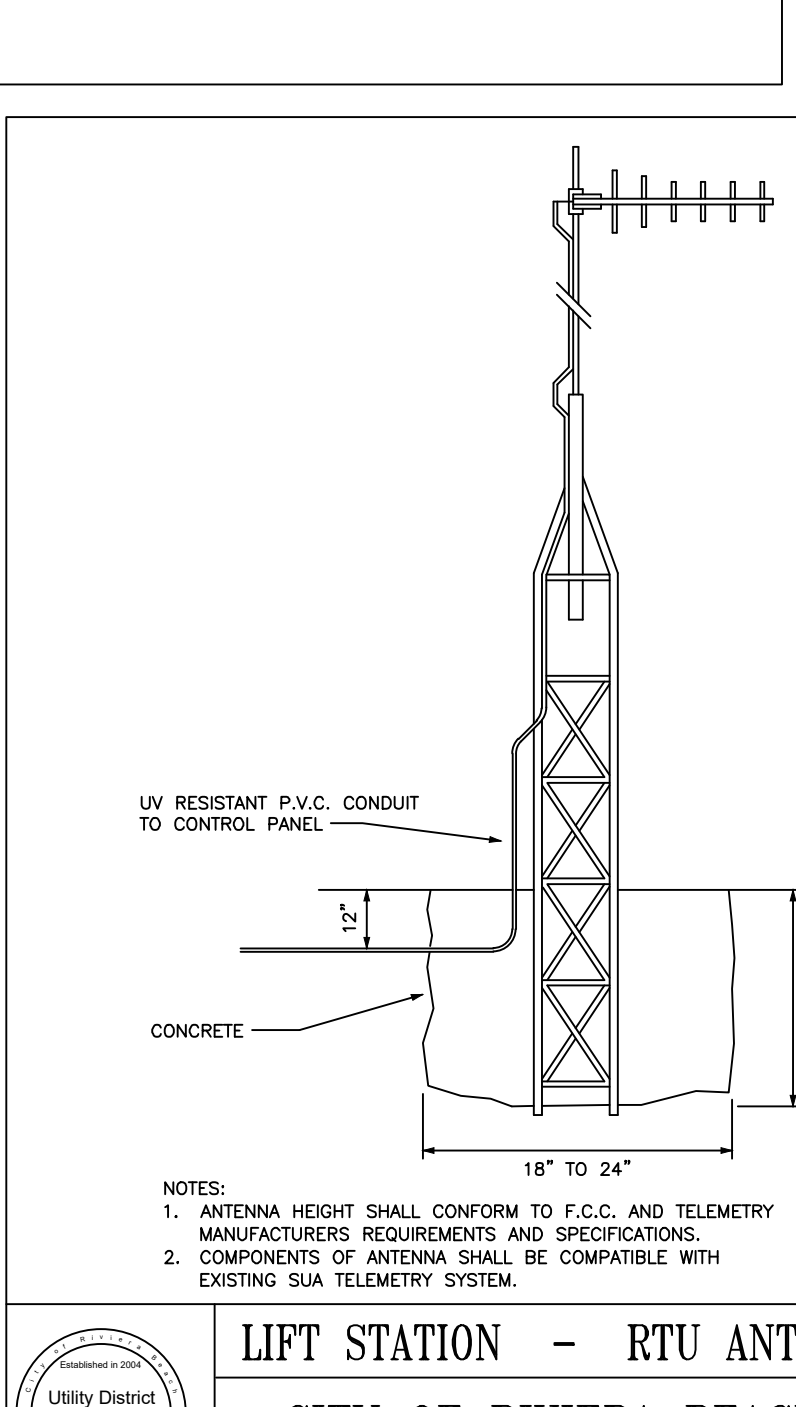
LEGEND

LEGEND	NOMENCLATURE	MANUFACTURER	PART NUMBER
AL	ALARM LIGHT	INGRAM	LRX-40
CB	CONTROL BREAKER	SQUARE D	FAL 12015
CT1	CONTROL TRANSFORMER	SQUARE D OR HEAVY DUTY	480/120V 2000 VA
CT2	ISOLATION TRANSFORMER	SQUARE D OR HEAVY DUTY	100 VA
DR	DUPLEX RECEPTACLE (GFI)	LEVITON	6599A
DRB	RECEPTACLE BREAKER	SQUARE D	FAL 12015
DS	DISCONNECT SWITCH	SQUARE D	HEAVY DUTY, NEMA 4X, SERVICE ENTRANCE RATED
ECB	EMERGENCY BREAKER	SQUARE D	THERMAL MAGNETIC MOLDED CASE
F(X)	FUSE	BUSSMAN-RK-1	CURRENT LIMIT, LOW PEAK DUAL ELEMENT
F2(X)	FUSE	BUSSMAN-RK1	0.2 AMP WITH 600V FUSE BLOCKS
F3(X)	FUSE	BUSSMAN-RK1	SIZE PER DWG 600V FUSE BLOCK
F4(X/FX)	FUSE	BUSSMAN-AG	SIZE PER DWG 250V HRP HOLDER
FL	FLASHER	SSAC	FS126
FS	FLOAT SWITCH	MULTITRODE PROBE	SAIND (SEE NOTE)
GR	GENERATOR RECEPTACLE	APPLETON	AEEA-100S 100 AMP MODEL 2
GR	GENERATOR RECEPTACLE	APPLETON	AJA-200 200 AMP FOR 480V
LA	LIGHTNING ARRESTOR	SP9650 OR 2 SP1175	FOR 240V
MB	MOTOR BREAKER	SQUARE D	THERMAL MAGNETIC MOLDED CASE WITH AUX CONTACT
MCS	MAIN BREAKER	SQUARE D	THERMAL MAGNETIC MOLDED CASE
M	MOTOR STARTER	SIEMENS SIRIUS	8536 SERIES
OL	OVERLOADS	SIEMENS SIRIUS	MELTING ALLOY WITH SO-4 AUX CONTACT
PCU	PUMP CONTROL UNIT	DATA FLOW SYSTEM	DIVERSIFIED
PM	PHASE MONITOR	SLA-XXX-AL	
SC	SURGE CAPACITOR	GENERAL ELECTRIC	9L18-BAB-301
TB	TERMINAL BOARD	SQUARE D	

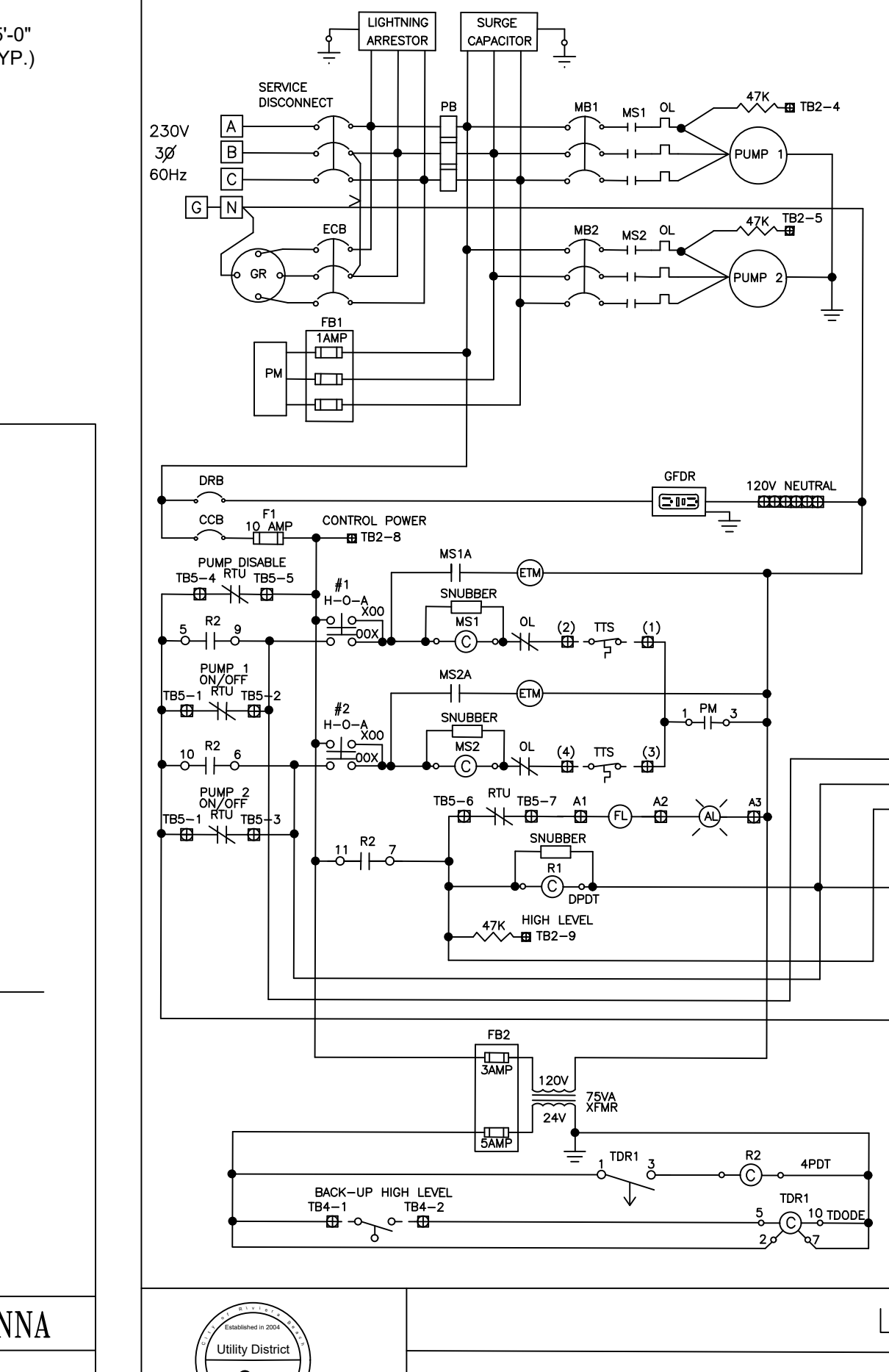
(X) = MULTIPLE MANUFACTURERS MAY BE USED.

NOTE: FLOAT SWITCHES SHALL BE REPLACED BY MULTITRODE PROBE CONTROL UNIT OR APPROVED EQUAL WHEN SO SPECIFIED.

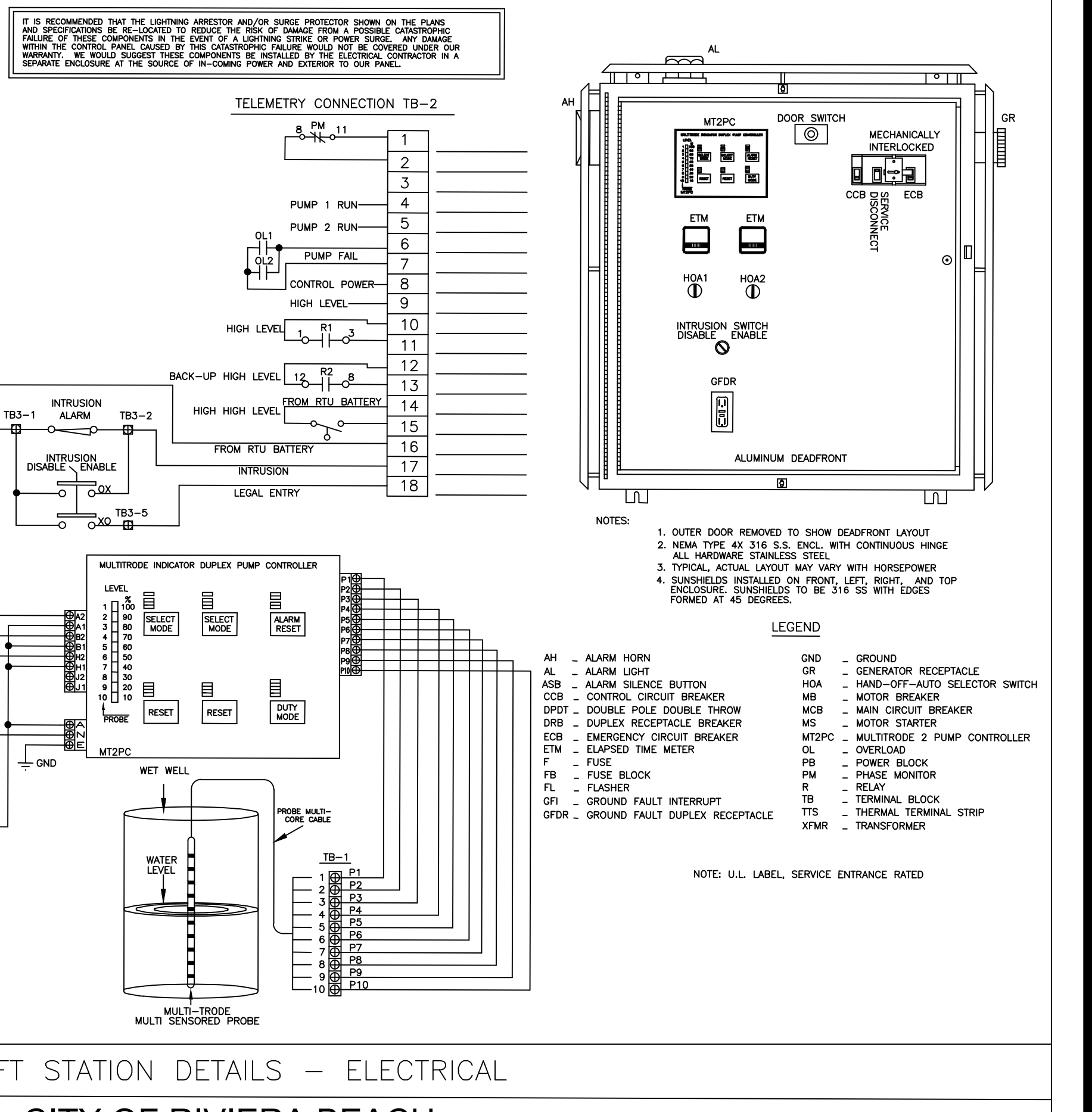
M - SIEMENS SIRIUS CONTACTOR
OL - SIEMENS SIRIUS WITH MANUAL/AUTO RESET



LIFT STATION - RTU ANTENNA



LIFT STATION DETAILS - ELECTRICAL



LIFT STATION DETAILS - ELECTRICAL

LIFT STATION - CONSTRUCTION STANDARDS AND DETAILS

CITY OF RIVIERA BEACH - UTILITY DISTRICT

NOTES:

1. THE CONTROL PANEL FINISHED SLAB ELEVATION SHALL BE EQUAL TO THE FINISHED SLAB ELEVATION OF THE WETWELL.
2. TELEMETRY ANTENNA AND RELATED EQUIPMENT AS MANUFACTURED BY DATA FLOW SYSTEMS, INC. TO BE COMPATIBLE WITH EXISTING DIA TELEMETRY SYSTEM. (SEE RTU GENERAL REQUIREMENTS' DETAIL).
3. ALL CONDUIT SIZES INCLUDING TO F.P. & L. SHALL BE SIZED FOR TWICE THE INSTALLED H.P. AMPACITY.
4. TO PUMP THREE IN A THREE PUMP LIFT STATION CONTROL PANEL CONFIGURATION.
5. ALL WIRES SHALL BE COPPER RATED XHHW.

LIFT STATION CONTROL PANEL MATERIAL LIST

CITY OF RIVIERA BEACH UTILITY DISTRICT

JESSE J. PARRISH, IV, P.E., STATE OF FLORIDA, PROFESSIONAL ENGINEER, LICENSE NO. 85433

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REVISIONS

NO.	DESCRIPTION	DATE
1.	ADDED NOTE TO "LIFT STATION DETAILS" PER RIVIERA BEACH UTILITIES COMMENTS, 06/04/21 B.L.	
2.	REVISED "LIFT STATION DETAILS" NOTE AND ADDED LIFT STATION EASEMENT TO GENERAL SITE PLAN DETAIL PER RIVIERA BEACH UTILITIES COMMENTS, 07/27/21 B.L.	

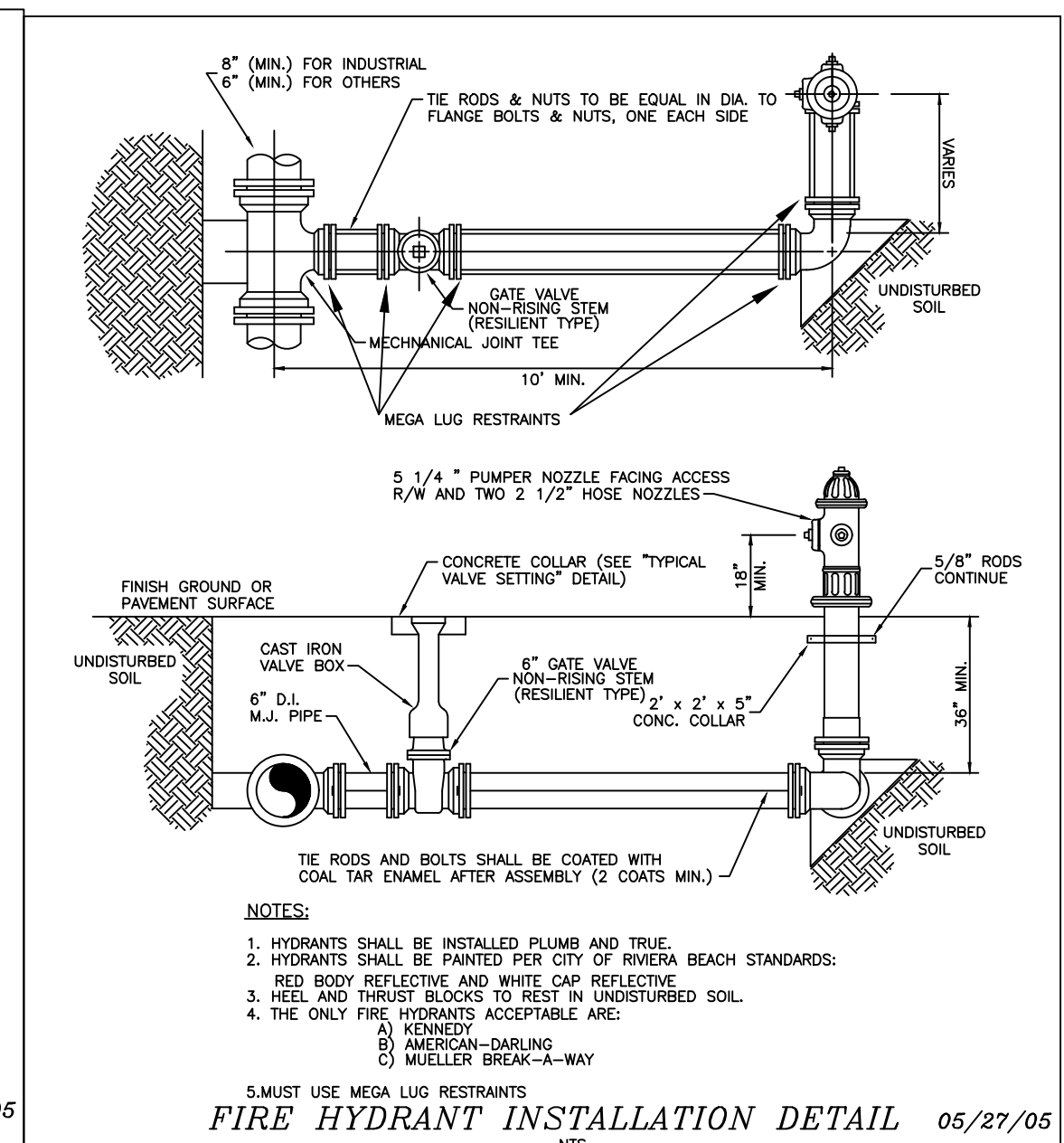
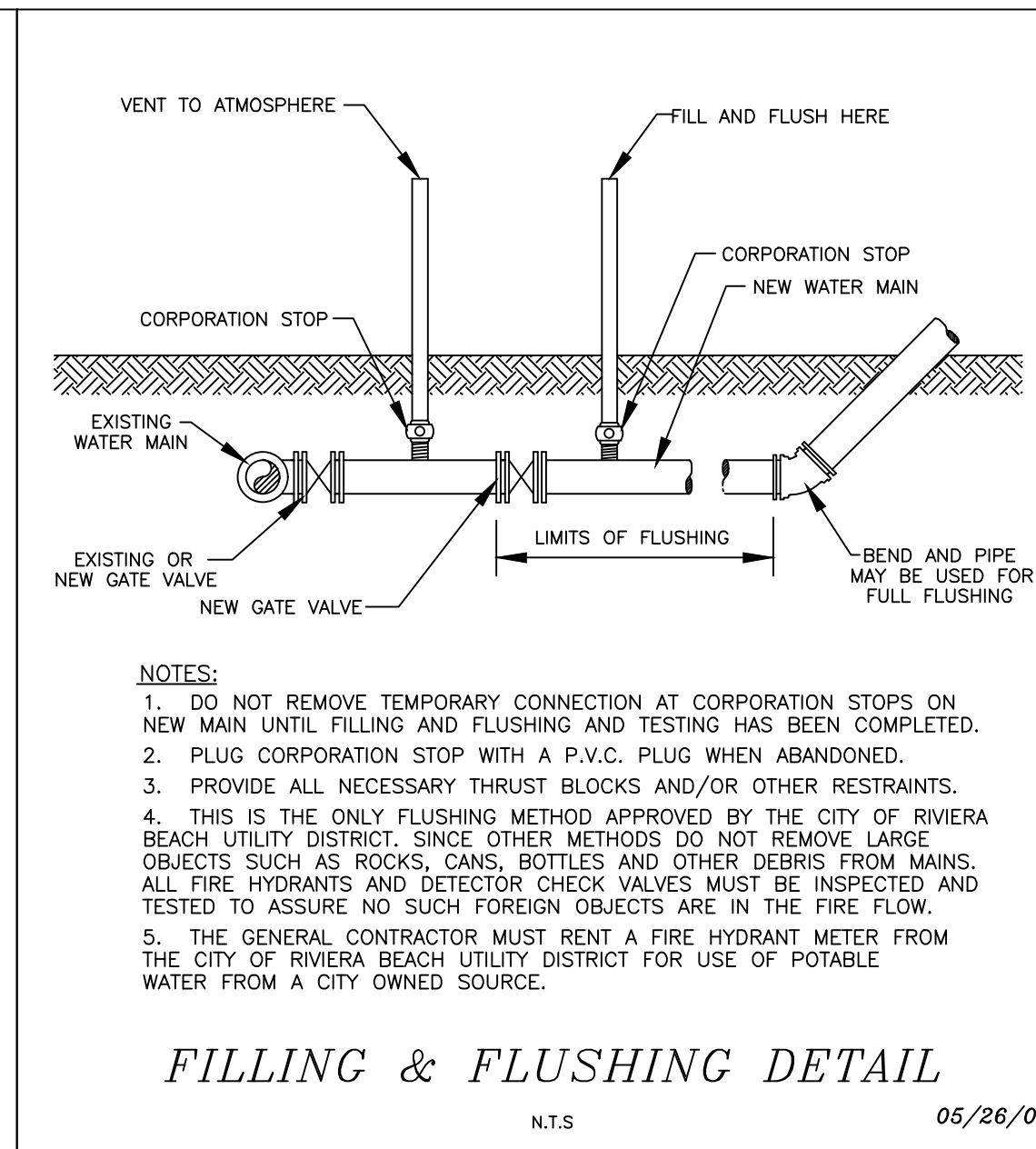
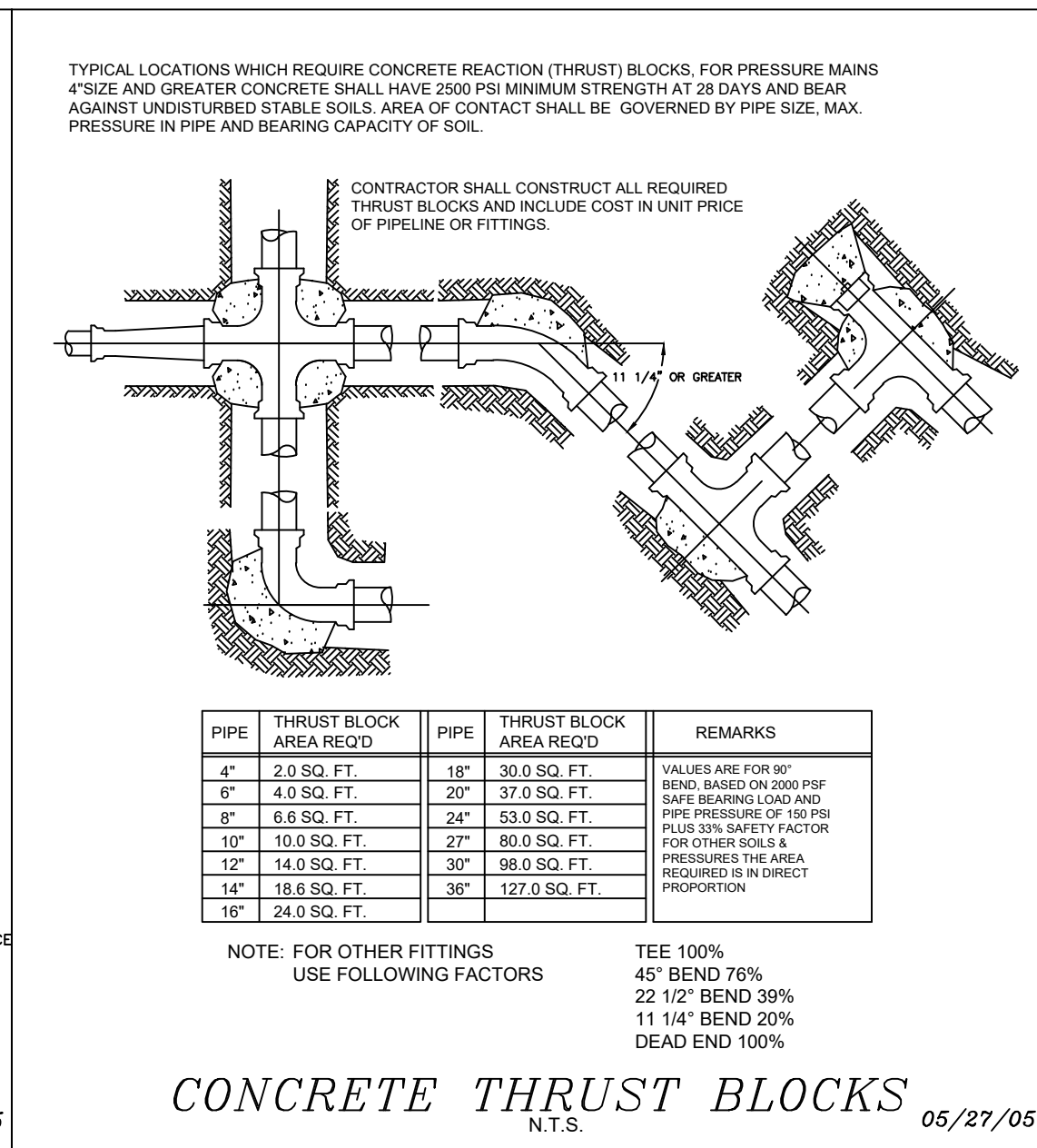
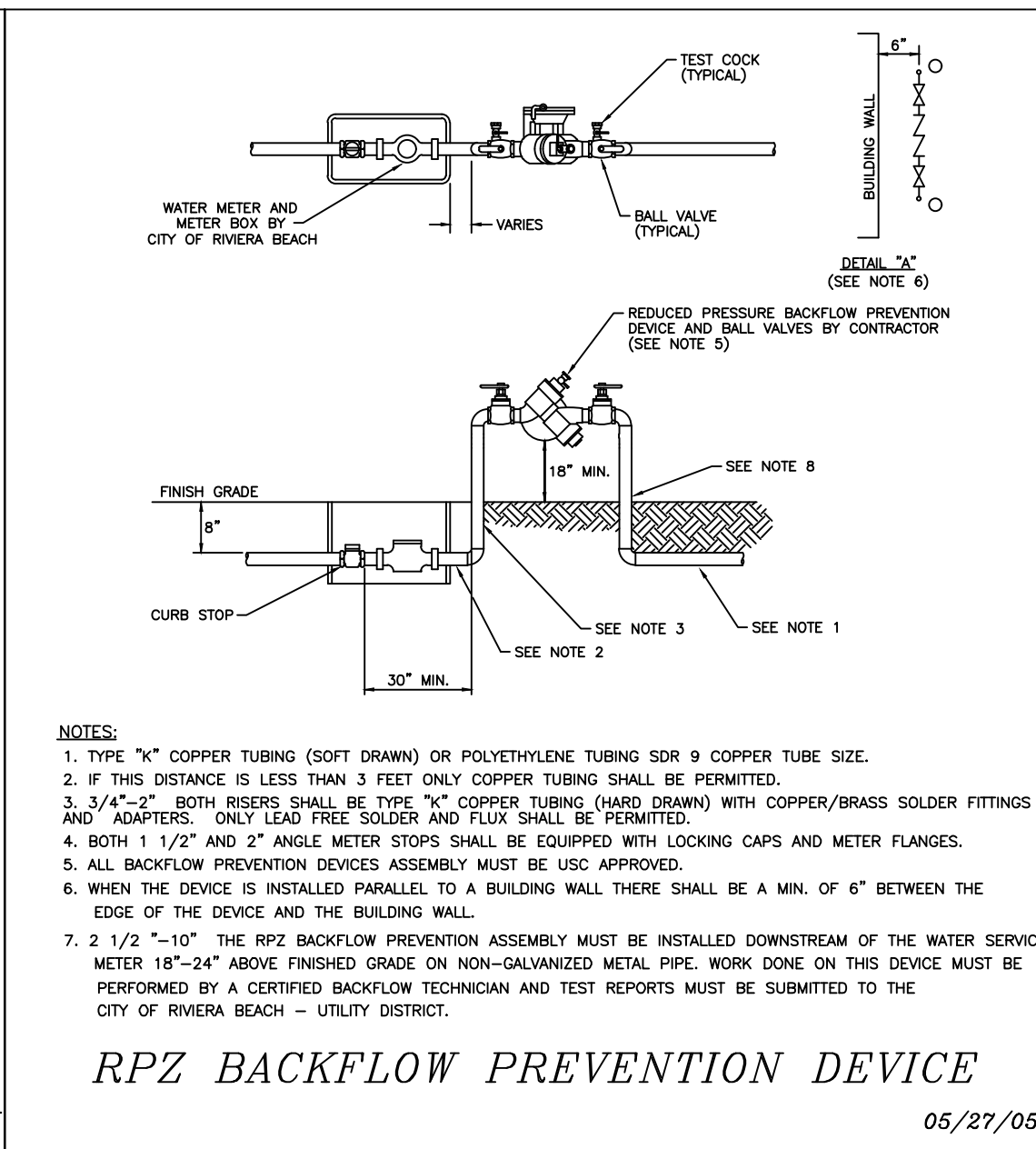
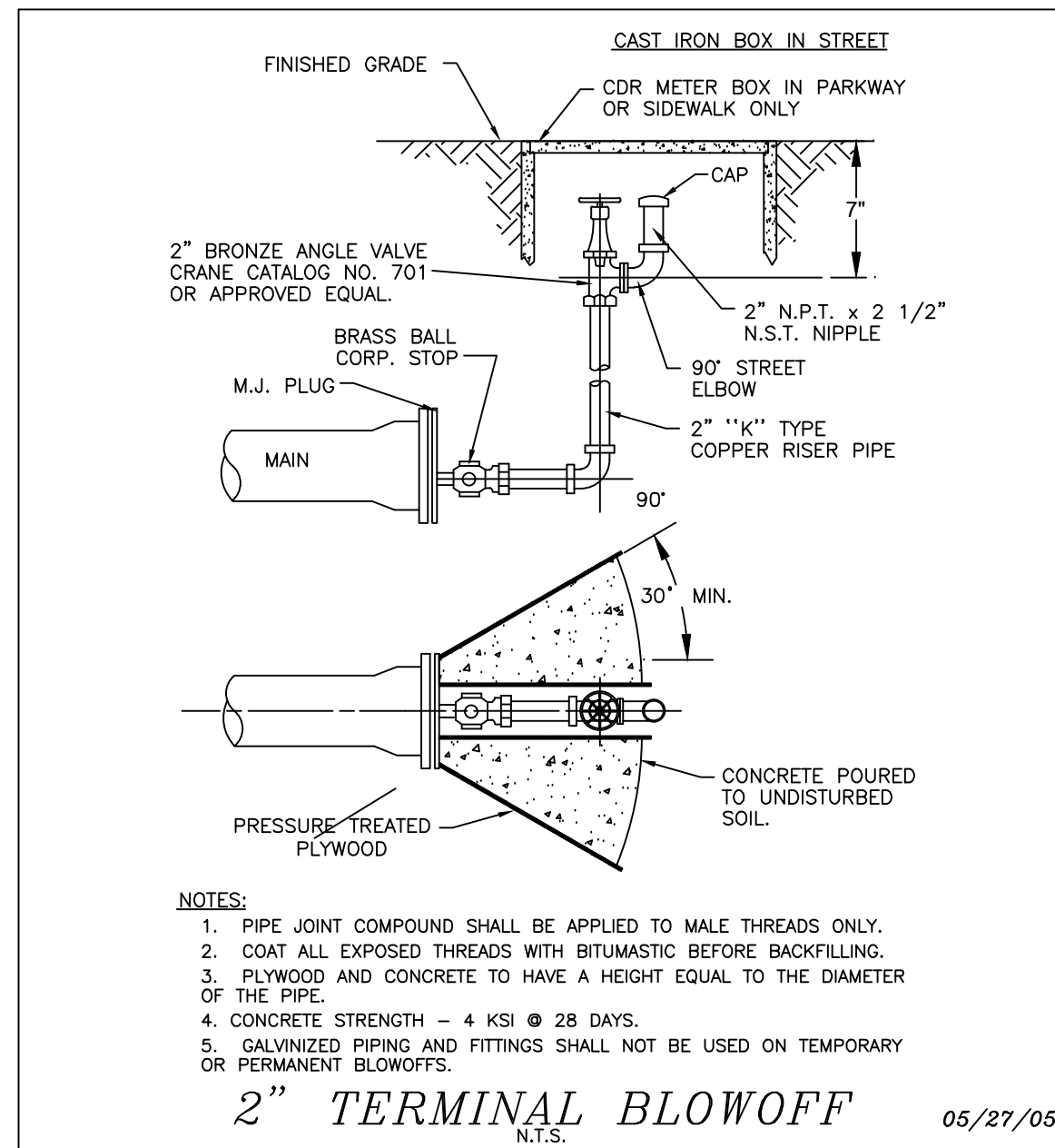
PRIME CORNER - PHASE 1

SECTION 01, TOWNSHIP 43S., RANGE 42E.

CITY OF WEST PALM BEACH, FLORIDA

LIFT STATION DETAILS

DESIGN: C.B. DRAWN: B.L. CHECKED: DATE: APPROVED: DATE: JOB NO. 18-154 DRAWING NO. 18154S23 SHEET 23 OF 26



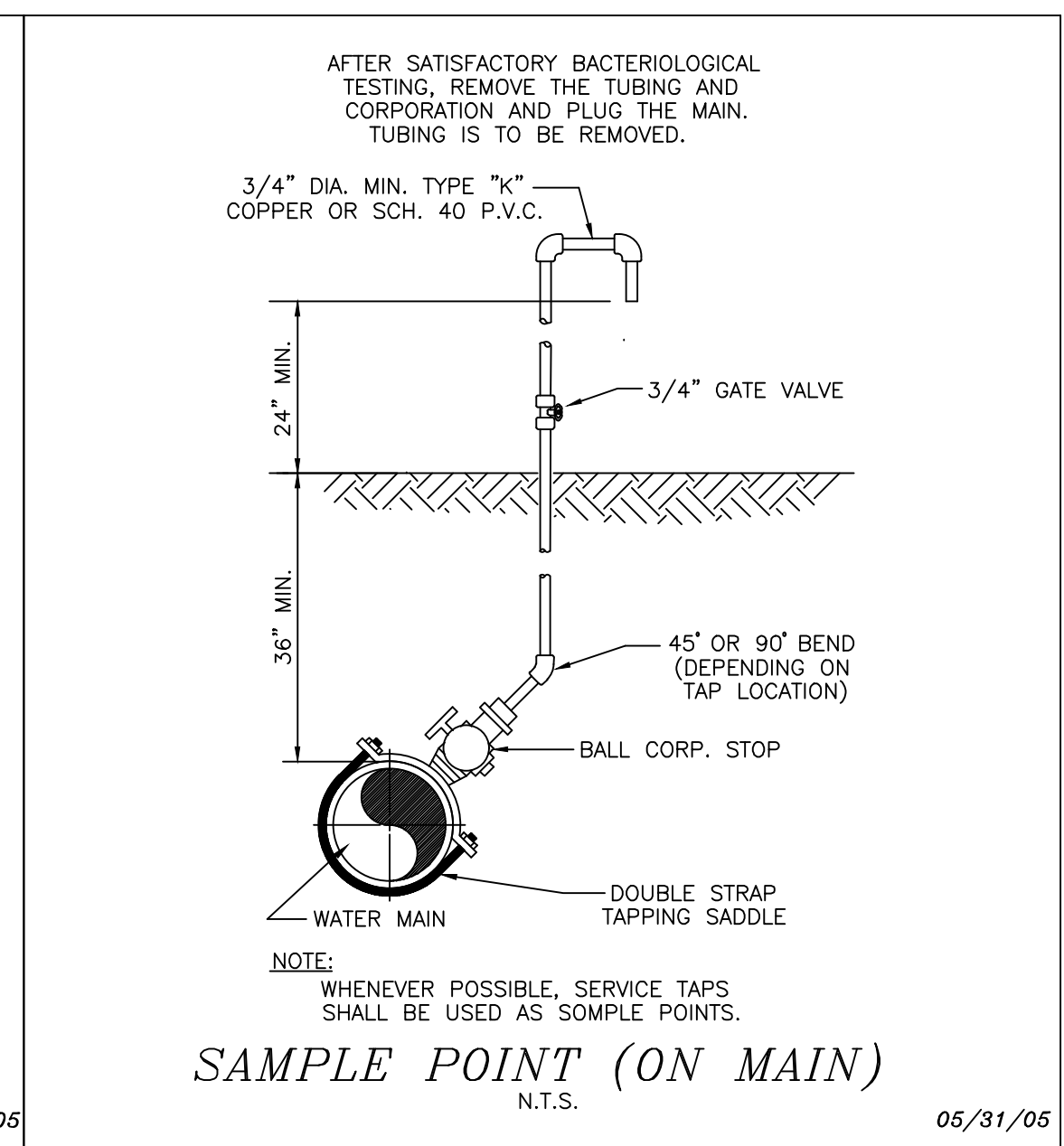
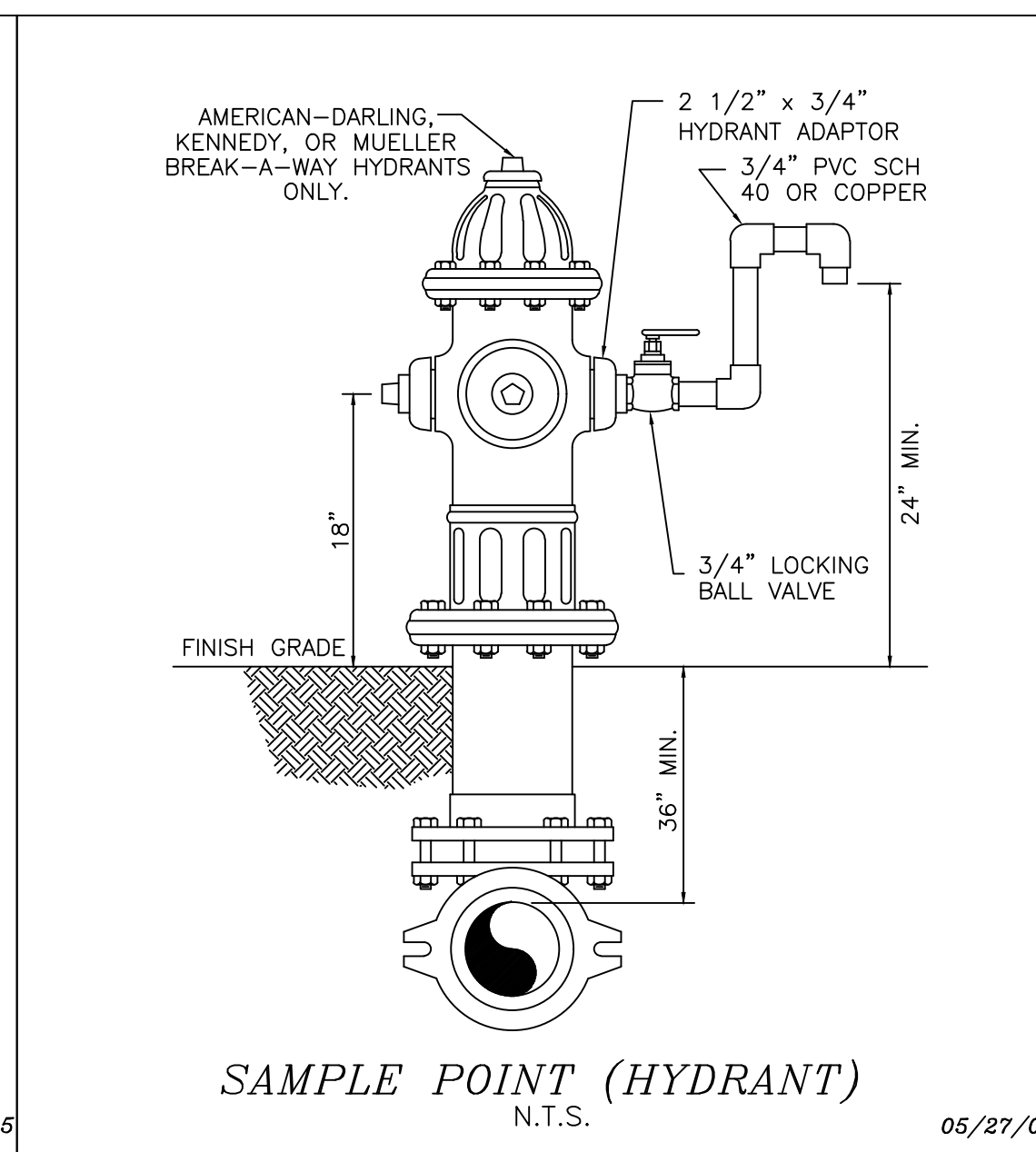
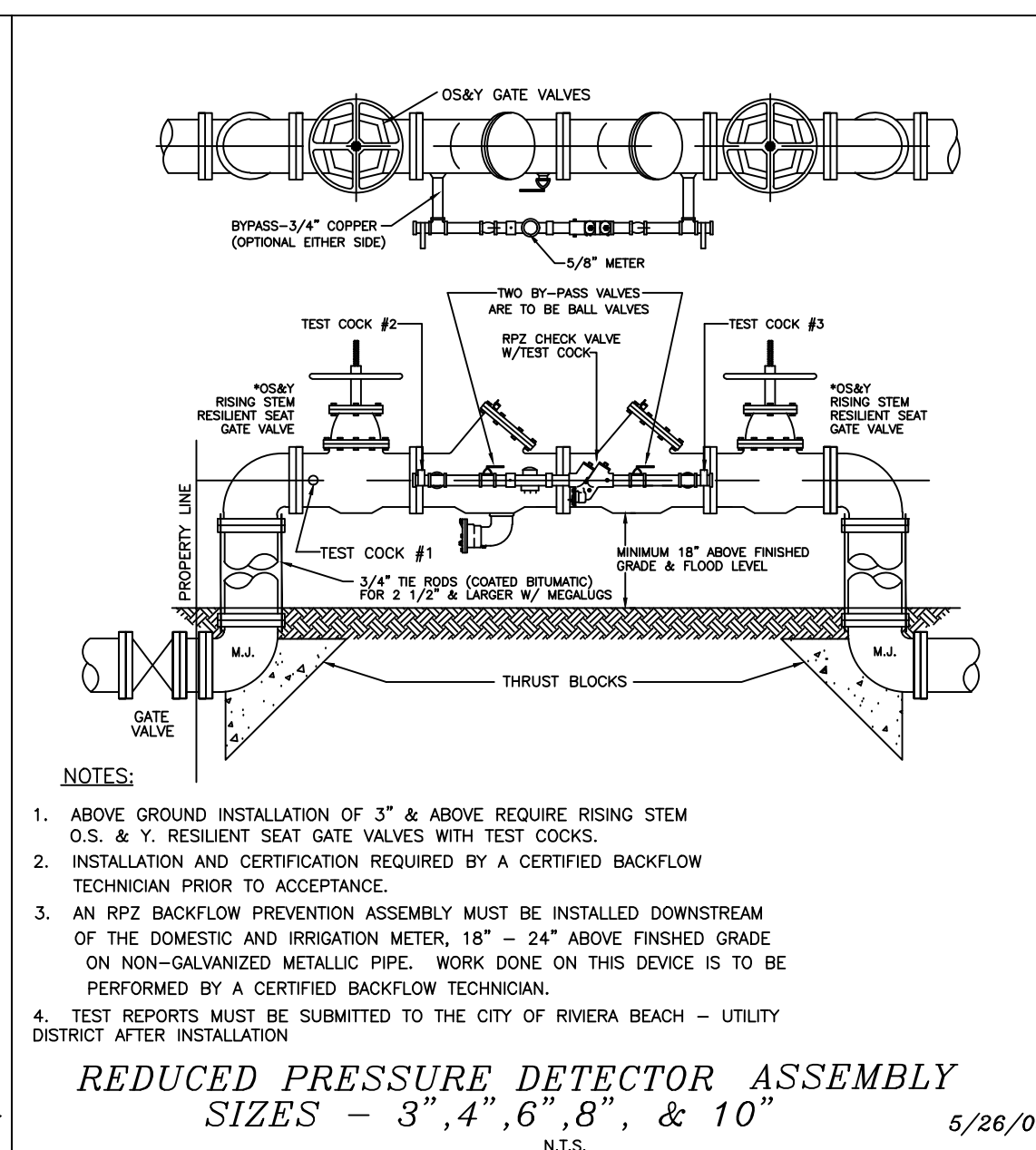
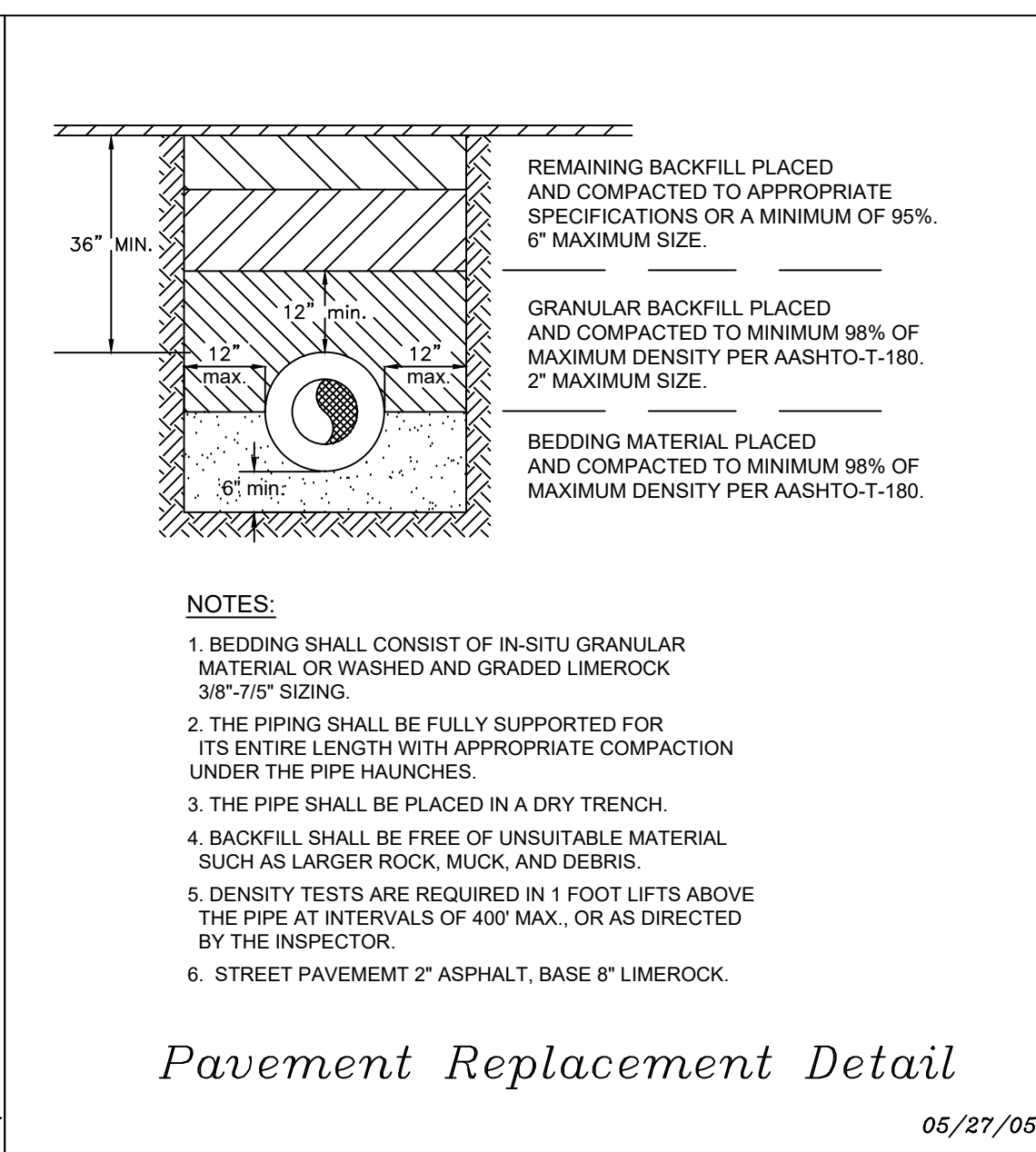
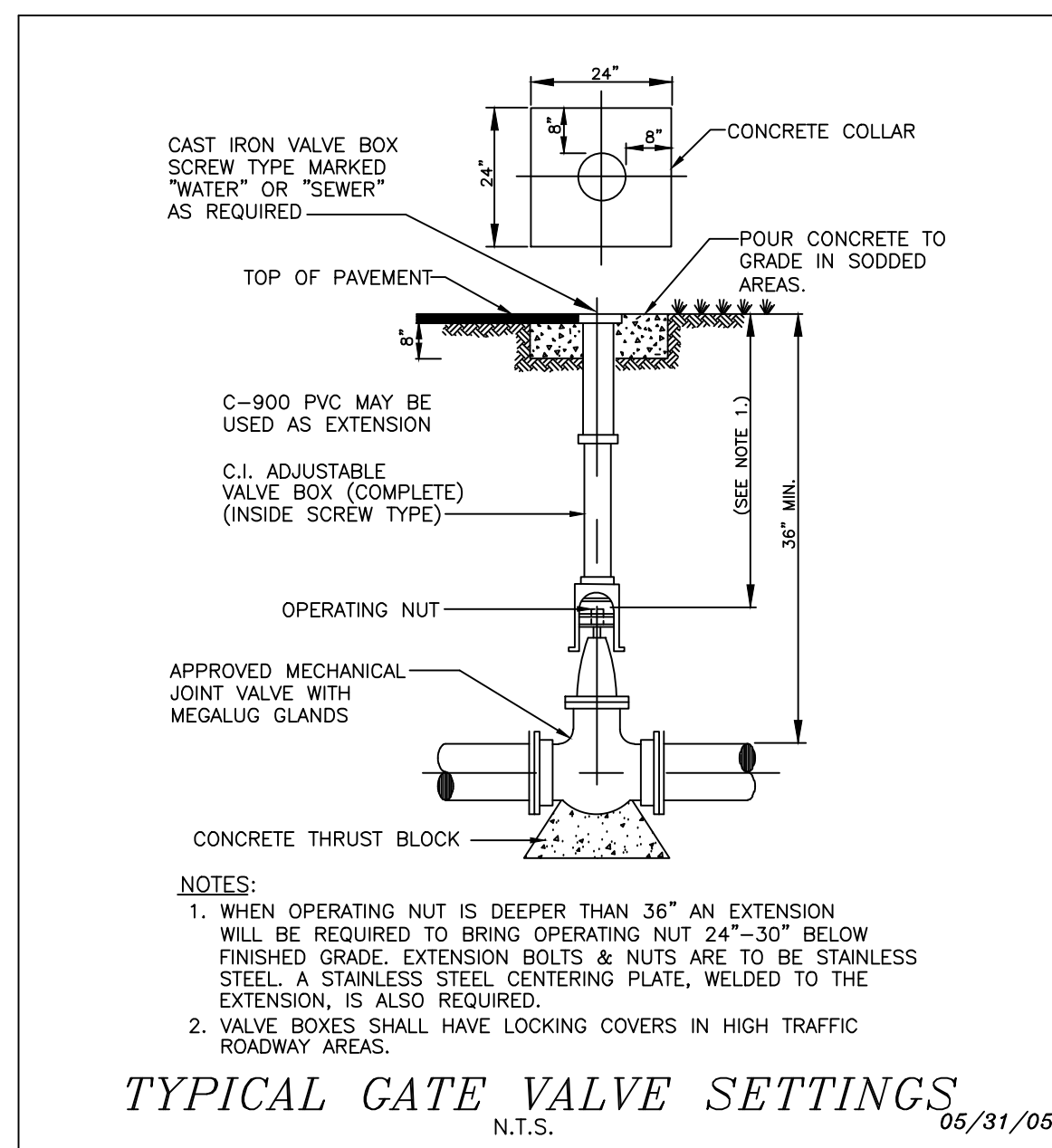
Water & Sewer Details
City of Riviera Beach
Utility District

Water & Sewer Details
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NO.	REVISIONS

DESIGN	DRAWN	CHECKED	APPROVED	DATE
C.B.	B.L.			

PRIME CORNER - PHASE 1
SECTION 01, TOWNSHIP 43S., RANGE 42E.
CITY OF WEST PALM BEACH, FLORIDA
WATER AND WASTEWATER DETAILS

JOB NO. 18-154	DRAWING NO. 18154S24	SHEET 24 OF 26
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SECTION A-A

SEWER-WATER MAIN CROSSING DETAIL

STANDARD WATER AND SEWER SEPARATION STATEMENT

- STORM AND SANITARY SEWER CROSSING UNDER WATER MAINS SHALL BE LAID TO PROVIDE A MINIMUM VERTICAL DISTANCE OF EIGHTEEN (18) INCHES BETWEEN THE INVERT OF THE UPPER PIPE AND THE LOWER PIPE. WHERE THIS MINIMUM SEPARATION CANNOT BE MAINTAINED, THE CROSSING SHALL BE ARRANGED SO THAT THE SEWER PIPE JOINTS AND WATER MAIN JOINTS ARE EQUIDISTANT FROM THE POINT OF CROSSING WITH NO LESS THAN TEN (10) FEET BETWEEN ANY TWO JOINTS AND BOTH PIPES SHALL BE D.I.P. WHERE THERE IS NOT ALTERNATIVE TO SEWER PIPES CROSSING OVER A WATER MAIN, THE CRITERIA FOR MINIMUM SEPARATION BETWEEN LINES AND JOINTS IN THE ABOVE, SHALL BE REQUIRED AND BOTH PIPES SHALL BE D.I.P. IRRESPECTIVE OF SEPARATION.
- MAINTAIN TEN (10) FEET HORIZONTAL DISTANCE BETWEEN WATER MAIN AND STORM OR SANITARY SEWER MAIN, AS A MINIMUM.
- FORCE MAIN CROSSING WATER MAIN SHALL BE LAID TO PROVIDE A MINIMUM VERTICAL DISTANCE OF EIGHTEEN (18) INCHES BETWEEN THE OUTSIDE OF THE FORCE MAIN AND OUTSIDE OF THE WATER MAIN WITH WATER MAIN CROSSING OVER THE FORCE MAIN.

05/27/05

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Utility District

TYPICAL BUTTERFLY VALVE SETTING

N.T.S.

05/27/05

Utility District
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Utility District

3/4" - 2" TYPICAL WATER SERVICE INSTALLATION

N.T.S.

05/27/05

Utility District
City of Riviera Beach
Utility District

TYPICAL DOMESTIC SERVICE INSTALLATIONS

N.T.S.

05/31/05

Utility District
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TYPICAL WATER SERVICES

N.T.S.

05/27/05

Utility District
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Utility District

FORCE MAIN ENTERING MANHOLE

N.T.S.

05/31/05

Utility District
City of Riviera Beach
Utility District

GREASE TRAP DETAIL

N.T.S.

04/24/14

Utility District
City of Riviera Beach
Utility District

TYPICAL MANHOLE COVER

N.T.S.

05/27/05

Utility District
City of Riviera Beach
Utility District

TYPICAL DROP MANHOLE

N.T.S.

05/27/05

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Utility District

CLEAN OUT AT PROPERTY LINE

N.T.S.

05/27/05

Utility District
City of Riviera Beach
Utility District

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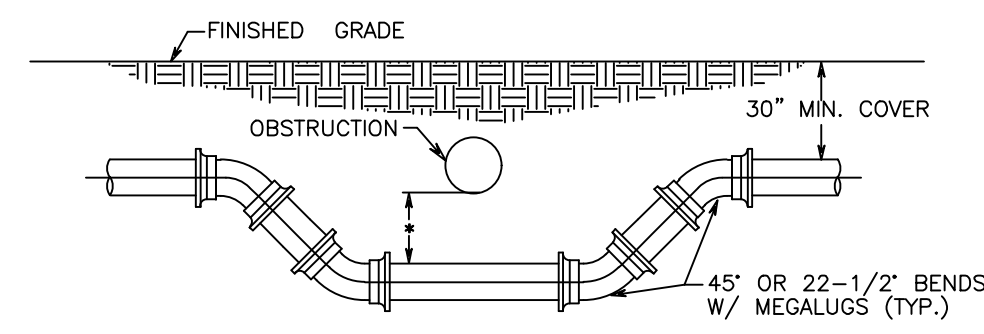
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SIMMONS & WHITE
ENGINEERING | PLANNING | CONSULTING | SINCE 1982
2581 Metrocentre Blvd West • Suite 3 • West Palm Beach, Florida 33407 • (561) 478-7848
Authorization No. 3432

DESIGN	C.B.	DRAWN	B.L.	CHECKED		APPROVED		DATE	
REVISIONS									

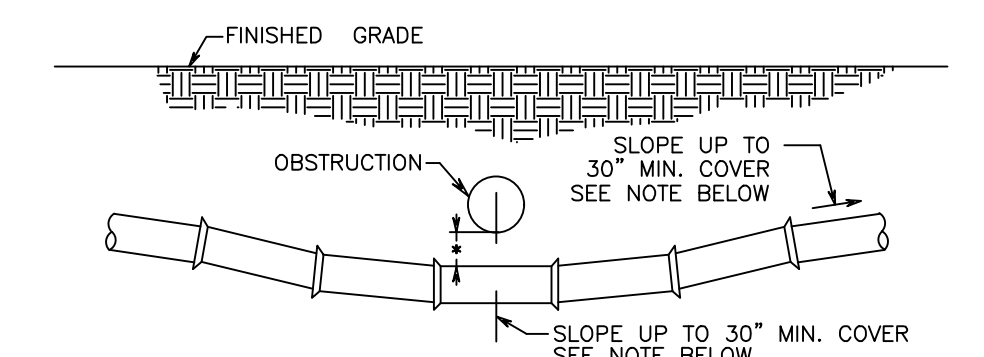
PRIME CORNER - PHASE 1
SECTION 01, TOWNSHIP 43S., RANGE 42E.
CITY OF WEST PALM BEACH, FLORIDA
WATER AND WASTEWATER DETAILS

JOB NO.	18-154	DRAWING NO.	18154S25	SHEET	25	OF	26
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SPECIAL UTILITY CROSSING - FITTING TYPE

* UNLESS SHOWN OTHERWISE, 18" MIN. CLEARANCE WILL BE REQUIRED FOR WATER & SEWER MAIN CROSSING. 4" MIN. CLEARANCE WILL BE REQUIRED FOR OTHER TYPE OF UTILITIES CROSSING.



SPECIAL UTILITY CROSSING - DEFLECTION TYPE

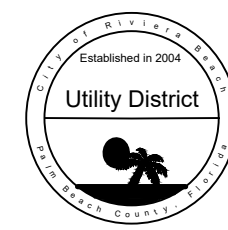
NOTES:

1. THE DEFLECTION TYPE CROSSING SHALL BE USED WHERE EVER POSSIBLE. ONLY UNDER SPECIFIC ORDERS BY THE ENGINEER SHALL THE FITTING TYPE CROSSING BE ALLOWED.
2. CONSTRUCT STANDARD CROSSING USING 75% OF MANUFACTURERS MAXIMUM JOINT DEFLECTION (MAX.).
3. ALL MECHANICAL JOINTS MEGALUG
4. FITTINGS TO BE RESTRAINED WITH RETURN GLANDS AND EITHER THRUST BLOCKS OR TIE RODS.
5. ALL EXPOSED TIE RODS SHALL BE COATED WITH COAL TAR EPOXY.

FORCE MAIN CROSSING

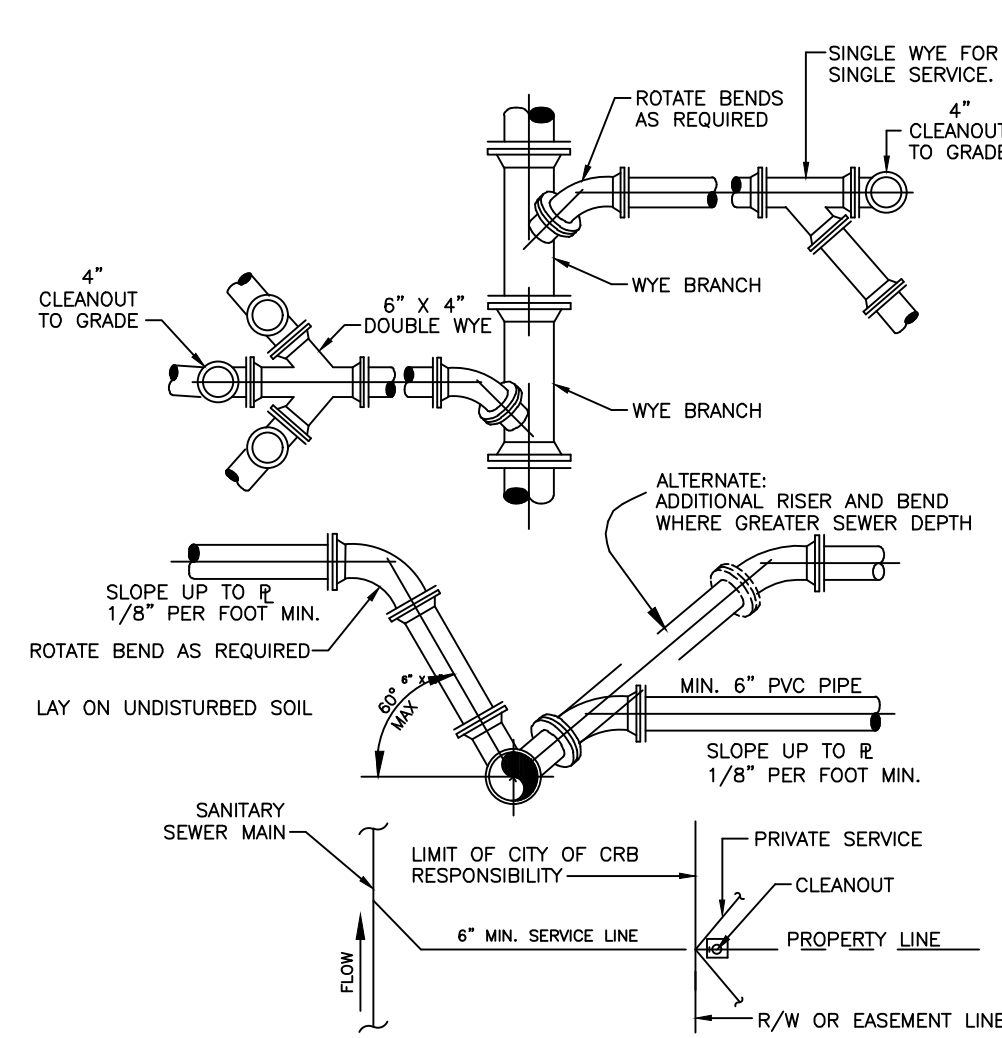
N.T.S.

05/31/05



Water & Sewer Details

City of Riviera Beach
Utility District



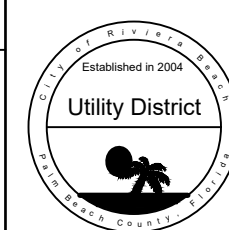
NOTES:

1. SERVICE LATERALS SHALL TERMINATE AT PROPERTY LINE AT A DEPTH OF 3 FEET.
2. CLEANOUT CONNECTION TO BE EXTENDED 3 FEET ABOVE GRADE PRIOR TO WATER METER INSTALLATION.
3. CLEANOUTS ARE TO BE SET TO GRADE PRIOR TO WATER METER ACTIVATION.
4. NO 90° BENDS SHALL BE PERMITTED FOR SEWER SERVICE AND CLEANOUT INSTALLATION.

TYPICAL LATERAL CONNECTIONS

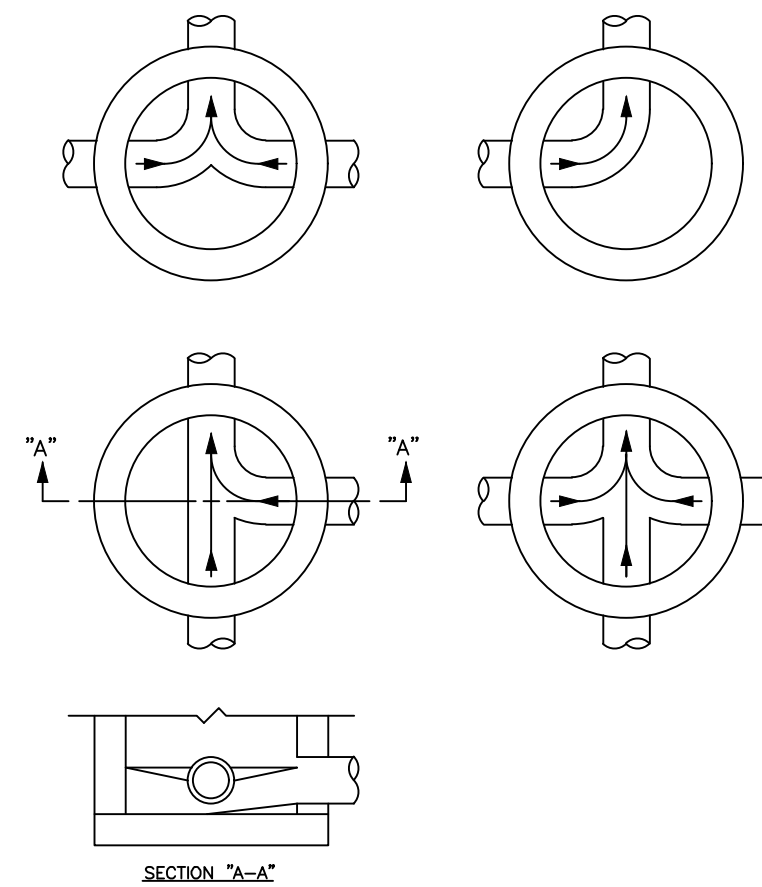
N.T.S.

5/27/05



Water & Sewer Details

City of Riviera Beach
Utility District



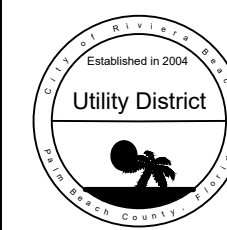
NOTES:

1. ALL INVERT CHANNELS ARE TO BE CONSTRUCTED FOR SMOOTH FLOW WITHOUT OBSTRUCTION.
2. PROPERLY SHAPED SPILLWAYS SHALL BE CONSTRUCTED BETWEEN PIPES WITH DIFFERENT INVERT ELEVATIONS TO PROVIDE FOR SMOOTH FLOWS.
3. SERVICE LATERALS ENTERING MANHOLES SPECIFIED ON PLANS MUST HAVE FLOW CHANNELS.
4. BRICKS AND CONCRETE RUBBLE PERMITTED FOR FLOW CHANNEL BUILDUP.
5. SIDEWALLS OF FLOW CHANNEL SHALL BE AT LEAST HALF OF PIPE HEIGHT AT ALL POINTS.

TYPICAL INVERT FLOW CHANNELS

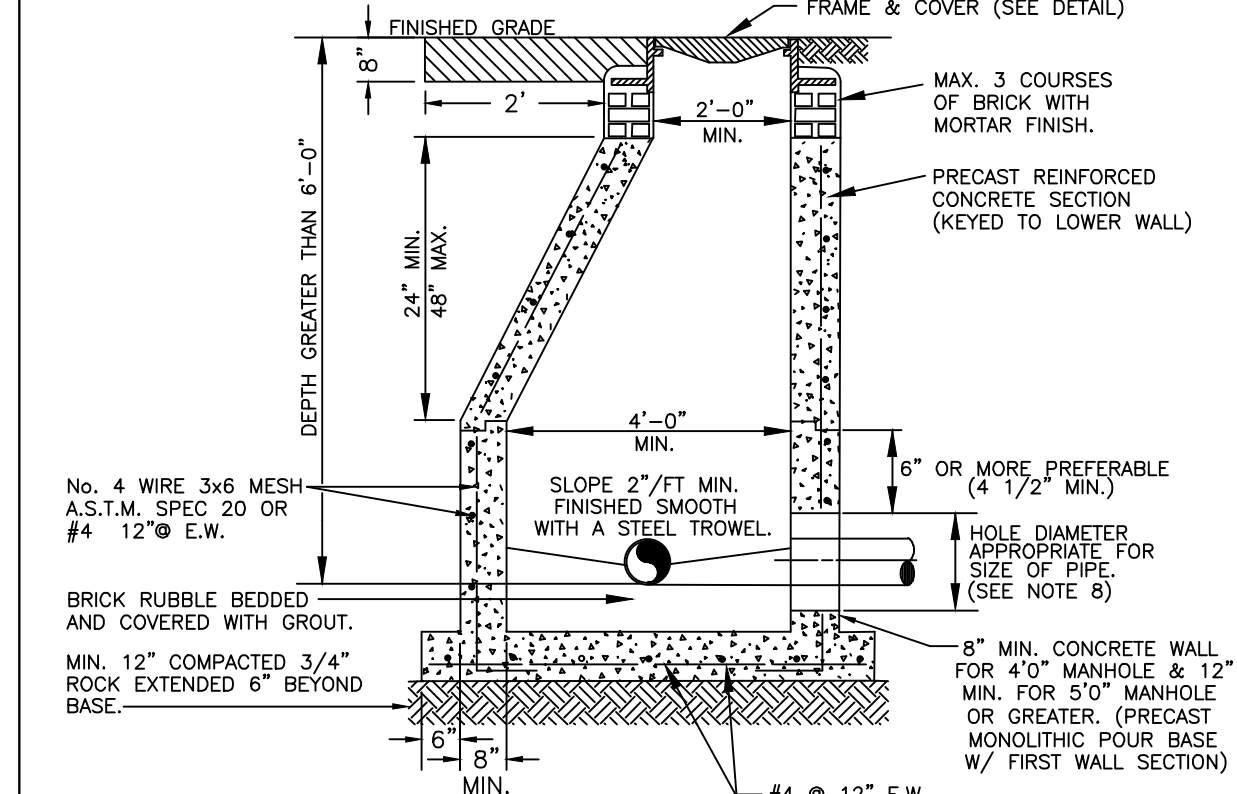
N.T.S.

5/29/97



Water & Sewer Details

City of Riviera Beach
Utility District



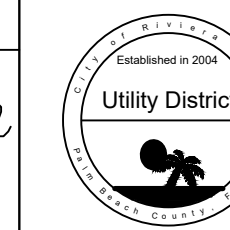
NOTES:

1. PRECAST CONCRETE, TYPE II, ACID RESISTANT, 4000 P.S.I.
2. RAMNEX FLEXIBLE PLASTIC GASKET OR EQUAL AT ALL RISER JOINTS (1/2" THICK, WIDTH AT LEAST HALF THE WALL THICKNESS) WITH NON-SHRINK WATERPROOF GROUT ON INSIDE AND OUTSIDE.
3. ALL OPENINGS SHALL BE SEALED WITH EITHER RESILIENT CONNECTOR (BOOTS) OR P.V.C. MANHOLE ADAPTERS FOR P.V.C. PIPE PENETRATIONS. BOOTS AND ADAPTERS SHALL BE CEMENTED IN WITH NON-SHRINK WATERPROOF GROUT.
4. FLOW CHANNELS SHALL BE CONSTRUCTED TO DIRECT INFLUENT INTO FLOW STREAM, AND SHALL BE FORMED IN ALL MANHOLES TO ACCEPT A T.V. CAMERA.
5. LIFT HOLES ARE PERMITTED, BUT SHALL BE SEALED.
6. ALL PIPE HOLES SHALL BE PRECAST OR CORE-DRILLED, WITH NON-SHRINK, WATER PROOF GROUT.
7. INSIDE DROPS SHALL NOT BE DESIGNED TO EXCEED 1.80 FT. AND NOT CONSTRUCTED TO EXCEED 2.0 FT.
8. MIN. HOLE # EQUALS PIPE O.D. PLUS 8" FOR P.V.C. ADAPTERS OR PIPE O.D. PLUS 4" FOR BOOTS.
9. MANHOLE FABRICATION SHALL BE IN ACCORDANCE WITH ASTM C-478, LATEST STANDARD.
10. CONCRETE TO BE SEAL COATED WITH 2 COATS OF COAL EPOXY AND 2 COATS OUTSIDE.
11. MANHOLE MUST BE INSPECTED BEFORE PAINTING AND INSTALLATION.

TYPICAL MANHOLE DETAILS

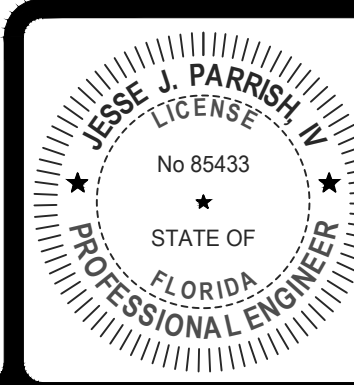
N.T.S.

5/26/05



Water & Sewer Details

City of Riviera Beach
Utility District



JESSE J. PARRISH, IV, P.E., STATE OF FLORIDA, PROFESSIONAL ENGINEER, LICENSE NO. 85433

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PRIME CORNER - PHASE 1
SECTION 01, TOWNSHIP 43S., RANGE 42E.
CITY OF WEST PALM BEACH, FLORIDA
WATER AND WASTEWATER DETAILS

REVISIONS

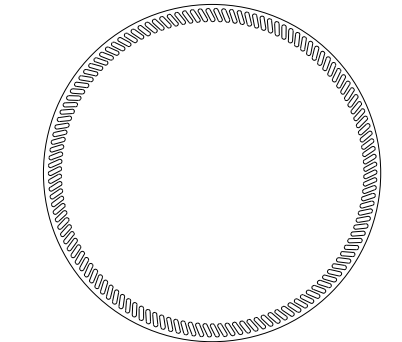
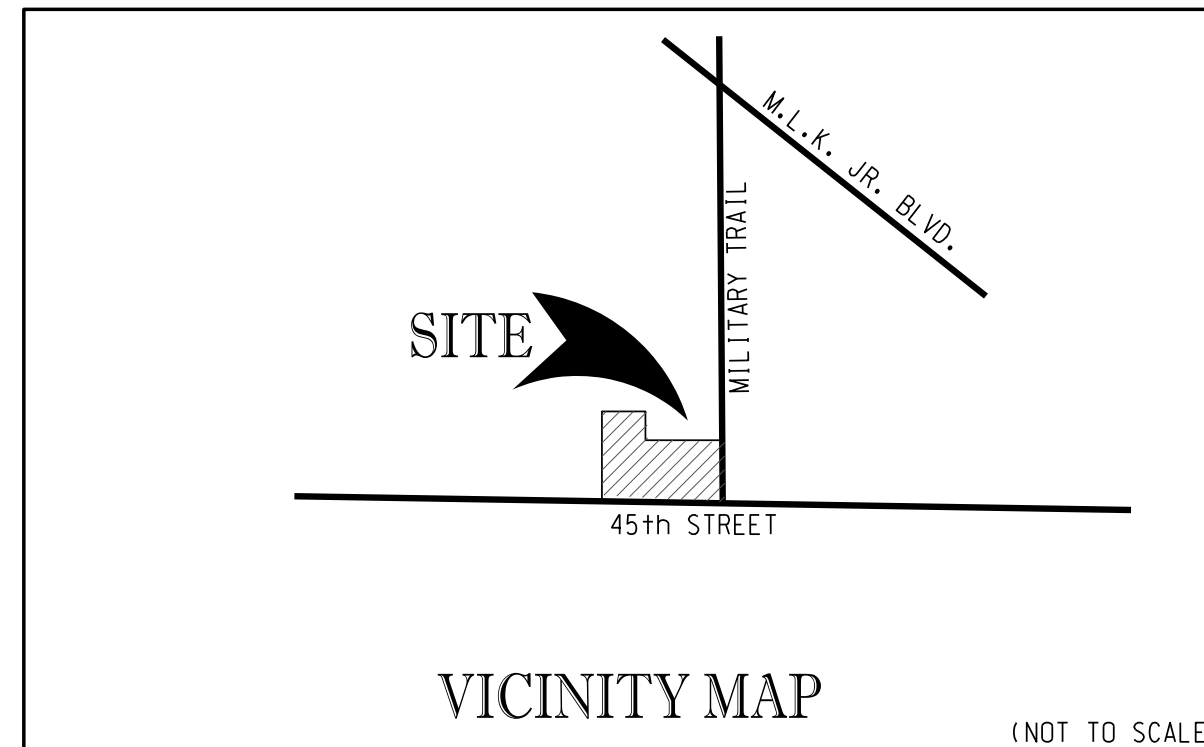
DESIGN	DRAWN	CHECKED	APPROVED	DATE
C.B.	B.L.			

JOB NO.	DRAWING NO.	SHEET	OF
18-154	18154S26	26	26

PRIME CORNER

A PARCEL OF LAND BEING A REPLAT OF PORTIONS OF TRACTS 1, 2 AND 5, ACCORDING TO THE PLAT OF ADAMS SUBDIVISION, RECORDED IN PLAT BOOK 20, PAGE 23, LYING IN SECTION 1, TOWNSHIP 43 SOUTH RANGE 42 EAST, CITY OF WEST PALM BEACH, PALM BEACH COUNTY, FLORIDA

DECEMBER 2021 SHEET 1 OF 2



CLERK OF THE CIRCUIT COURT & COMPTROLLER PALM BEACH COUNTY

STATE OF FLORIDA
COUNTY OF PALM BEACH

THIS PLAT WAS FILED FOR RECORD AT _____ M. THIS _____ DAY OF _____ 2021 AND DULY RECORDED IN PLAT BOOK _____ ON PAGES _____ THRU _____.

JOSEPH ABRUZZO
CLERK OF THE CIRCUIT COURT & COMPTROLLER PALM BEACH COUNTY

BY: _____ D.C.

DEDICATION AND RESERVATION

NOW ALL MEN BY THESE PRESENT THAT PRIME DEVELOPMENT, LLC, A FLORIDA LIMITED LIABILITY COMPANY, OWNER OF THE LAND SHOWN HEREON AS PRIME CORNER, A PARCEL OF LAND BEING A REPLAT OF PORTIONS OF TRACTS 1, 2 AND 5, ACCORDING TO THE PLAT OF ADAMS SUBDIVISION, RECORDED IN PLAT BOOK 20, PAGE 23, LYING IN SECTION 1, TOWNSHIP 43 SOUTH RANGE 42 EAST, CITY OF WEST PALM BEACH, PALM BEACH COUNTY, FLORIDA, BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

A PARCEL OF LAND BEING A REPLAT OF PORTIONS OF TRACTS 1, 2 AND 5, ACCORDING TO THE PLAT OF ADAMS SUBDIVISION, RECORDED IN PLAT BOOK 20, PAGE 23, LYING IN SECTION 1, TOWNSHIP 43 SOUTH RANGE 42 EAST, ALL IN PALM BEACH COUNTY, FLORIDA, BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

BEGINNING AT THE NORTHEAST CORNER OF SAID TRACT 5; THENCE SOUTH 03°41'13" WEST, ALONG THE EAST LINE OF SAID TRACT 5, A DISTANCE OF 132.05 FEET; THENCE DEPARTING SAID EAST LINE, SOUTH 87°45'40" EAST, A DISTANCE OF 576.29 FEET TO A POINT ON THE WEST RIGHT OF WAY LINE OF MILITARY TRAIL (STATE ROAD 809), AS DESCRIBED IN OFFICIAL RECORD BOOK 11599, PAGE 1030, PUBLIC RECORDS OF PALM BEACH COUNTY, FLORIDA; THENCE ALONG SAID WEST RIGHT OF WAY LINE, SOUTH 04°41'13" WEST, A DISTANCE OF 394.41 FEET; THENCE SOUTH 47°57'47" WEST, A DISTANCE OF 56.46 FEET TO A POINT ON THE NORTH RIGHT OF WAY LINE OF 45th STREET, AS DESCRIBED IN OFFICIAL RECORD BOOK 5361, PAGE 902, PUBLIC RECORDS OF PALM BEACH COUNTY, FLORIDA; THENCE ALONG SAID NORTH RIGHT OF WAY LINE, NORTH 87°45'40" WEST, A DISTANCE OF 325.81 FEET TO A POINT TO CONTINUE ALONG THE NORTH RIGHT OF WAY LINE AS DESCRIBED IN OFFICIAL RECORD BOOK 5292, PAGE 905, PUBLIC RECORDS OF PALM BEACH COUNTY, FLORIDA; NORTH 88°11'26" WEST, A DISTANCE OF 204.21 FEET TO A POINT TO CONTINUE ALONG THE NORTH RIGHT OF WAY LINE AS DESCRIBED IN OFFICIAL RECORD BOOK 4206, PAGE 1008 AND OFFICIAL RECORD BOOK 15676, PAGE 1909, PUBLIC RECORDS OF PALM BEACH COUNTY, FLORIDA; THENCE NORTH 87°45'40" WEST, A DISTANCE OF 301.88 FEET; THENCE DEPARTING SAID NORTH RIGHT OF WAY LINE, NORTH 03°41'13" EAST, A DISTANCE OF 600.19 FEET TO A POINT ON THE NORTH LINE OF A 33 FOOT PLATTED ROAD RIGHT OF WAY ABANDONED PER OFFICIAL RECORD BOOK 4927, PAGE 1672, PUBLIC RECORDS OF PALM BEACH COUNTY, FLORIDA; THENCE ALONG SAID NORTH LINE SOUTH 87°45'40" EAST, A DISTANCE OF 301.88 FEET; THENCE DEPARTING SAID NORTH LINE SOUTH 03°41'13" WEST, A DISTANCE OF 33.00 FEET TO THE POINT OF BEGINNING.

CONTAINING 428,684 SQUARE FEET OR 9.84 ACRES, MORE OR LESS.

HAS CAUSED THE SAME TO BE SURVEYED AND PLATTED AS SHOWN HEREON AND DO HEREBY RESERVE AND DEDICATE AS FOLLOWS:

1.) TRACT "A", (DEVELOPMENT TRACT), AS SHOWN HEREON, IS HEREBY RESERVED FOR PRIME DEVELOPMENT, LLC, A FLORIDA LIMITED LIABILITY COMPANY, ITS SUCCESSORS AND ASSIGNS FOR DEVELOPMENT PURPOSES.

2.) TRACT "B", (RIGHT OF WAY AND PERPETUAL PUBLIC ACCESS EASEMENT), AS SHOWN HEREON, IS HEREBY RESERVED BY PRIME DEVELOPMENT, LLC, A FLORIDA LIMITED LIABILITY COMPANY, FOR FUTURE RIGHT OF WAY TO BE CONVEYED TO PALM BEACH COUNTY AND FOR A PERPETUAL PUBLIC ACCESS EASEMENT. THE PERPETUAL PUBLIC ACCESS EASEMENT WILL TERMINATE UPON THE CONVEYANCE OF THE TRACT TO PALM BEACH COUNTY.

3.) THE UTILITY EASEMENTS, AS SHOWN HEREON, ARE HEREBY DEDICATED IN PERPETUITY FOR THE CONSTRUCTION AND MAINTENANCE OF UTILITY FACILITIES, INCLUDING CABLE TELEVISION SYSTEMS. THE INSTALLATION OF CABLE TELEVISION SYSTEMS SHALL NOT INTERFERE WITH THE CONSTRUCTION AND MAINTENANCE OF OTHER UTILITIES. IN THE EVENT A CABLE TELEVISION COMPANY DAMAGES THE FACILITIES OF A PUBLIC UTILITY, IT SHALL BE SOLELY RESPONSIBLE FOR THE DAMAGES.

4.) THE CITY OF RIVIERA BEACH UTILITY EASEMENTS AS SHOWN HEREON, ARE EXCLUSIVE EASEMENTS AND ARE HEREBY DEDICATED IN PERPETUITY TO THE CITY OF RIVIERA BEACH UTILITY SPECIAL DISTRICT, ITS SUCCESSORS AND ASSIGNS, FOR THE INSTALLATION, OPERATION, MAINTENANCE, REPAIR, EXPANSION AND REPLACEMENT OF POTABLE WATER SUPPLY, WASTEWATER SUPPLY AND RELATED APPURTENANCES. IF OTHERWISE APPROVED, NO BUILDINGS, STRUCTURES, IMPROVEMENTS, TREES, WALLS OR FENCES SHALL BE INSTALLED WITHIN THIS EASEMENT WITHOUT THE PRIOR WRITTEN APPROVAL OF THE CITY OF RIVIERA BEACH UTILITY SPECIAL DISTRICT.

5.) THE LIFT STATION EASEMENT AS SHOWN HEREON IS HEREBY DEDICATED IN PERPETUITY TO THE CITY OF RIVIERA BEACH UTILITY SPECIAL DISTRICT, ITS SUCCESSORS AND ASSIGNS, FOR LIFT STATION AND RELATED PURPOSES.

ABBREVIATIONS:

CL = CENTERLINE
FDDT = FLORIDA DEPARTMENT OF TRANSPORTATION
FPL = FLORIDA POWER & LIGHT CO.
O.R.B. = OFFICIAL RECORD BOOK
P.B. = PLAT BOOK
P.O.B. = POINT OF BEGINNING
P.S.M. = PROFESSIONAL SURVEYOR AND MAPPER
PG. = PAGE
PRM = PERMANENT REFERENCE MONUMENT
R/W = RIGHT OF WAY
U.E. = UTILITY EASEMENT

LEGEND

□ DENOTES PERMANENT REFERENCE MONUMENT (P.R.M.) SET 4"x4" CONCRETE MONUMENT WITH DISK STAMPED "PRM LB4431" UNLESS OTHERWISE NOTED
⊙ DENOTES PERMANENT REFERENCE MONUMENT (P.R.M.) SET MAG NAIL & DISK STAMPED "PRM LB4431" UNLESS OTHERWISE NOTED

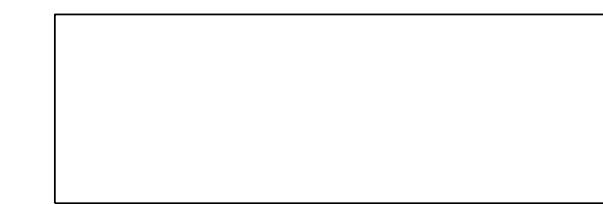
ACKNOWLEDGEMENT

STATE OF FLORIDA
COUNTY OF PALM BEACH

BEFORE ME PERSONALLY APPEARED _____ WHO IS PERSONALLY KNOWN TO ME, OR HAS PRODUCED _____ AS IDENTIFICATION, AND WHO EXECUTED THE FOREGOING INSTRUMENT AS [VICE] PRESIDENT OF PRIME DEVELOPMENT, LLC, A FLORIDA LIMITED LIABILITY COMPANY, A CORPORATION, AND SEVERALLY ACKNOWLEDGED TO AND BEFORE ME THAT [HE] [SHE] EXECUTED SUCH INSTRUMENT AS SUCH OFFICER OF SAID CORPORATION, AND THAT THE SEAL AFFIXED TO THE FOREGOING INSTRUMENT IS THE CORPORATE SEAL (IF AVAILABLE) OF SAID CORPORATION AND THAT IT WAS AFFIXED TO SAID INSTRUMENT BY DUE AND REGULAR CORPORATE AUTHORITY, AND THAT SAID INSTRUMENT IS THE FREE ACT AND DEED OF SAID CORPORATION.

WITNESS MY HAND AND OFFICIAL SEAL THIS _____ DAY OF _____, 2021.

MY COMMISSION EXPIRES: _____



(SEAL)

NOTARY PUBLIC STATE OF FLORIDA

PRINT NAME: _____

COMMISSION NUMBER: _____

TITLE CERTIFICATION

STATE OF FLORIDA
COUNTY OF PALM BEACH

I, ALAN JAY CIKLIN, DO HEREBY CERTIFY THAT I HAVE EXAMINED THE TITLE TO THE HERON DESCRIBED PROPERTY; THAT I FIND THE TITLE TO THE PROPERTY IS VESTED IN PRIME DEVELOPMENT, LLC, A FLORIDA LIMITED LIABILITY COMPANY; THAT THE CURRENT TAXES HAVE BEEN PAID; THAT THERE ARE NO MORTGAGES OF RECORD; AND THAT THERE ARE ENCUMBRANCES OF RECORD BUT THOSE ENCUMBRANCES DO NOT PROHIBIT THE CREATION OF THE SUBDIVISION DEPICTED BY THIS PLAT.

DATED THIS _____ DAY OF _____, 2021.

ATTORNEY AT LAW
ALAN JAY CIKLIN
FLORIDA BAR NO. 136358

REVIEWING SURVEYOR

THIS PLAT HAS BEEN REVIEWED FOR CONFORMITY IN ACCORDANCE WITH CHAPTER 177.081 OF THE FLORIDA STATUTES AND THE ORDINANCES OF THE CITY OF WEST PALM BEACH, FLORIDA. THIS REVIEW DOES NOT INCLUDE THE VERIFICATION OF GEOMETRIC DATA OR THE FIELD VERIFICATION OF THE PERMANENT CONTROL POINTS (P.C.P.'S) AND MONUMENT AT LOT CORNERS.

DATED THIS _____ DAY OF _____, 2021.

VINCENT J. NOEL, PSM
FLORIDA CERTIFICATE NO. 4169

APPROVAL & ACCEPTANCE TO DEDICATION CITY OF WEST PALM BEACH

STATE OF FLORIDA
COUNTY OF PALM BEACH

THE CITY OF WEST PALM BEACH HEREBY ACCEPTS THE DEDICATIONS TO THE CITY OF WEST PALM BEACH AS STATED AND SHOWN HEREON. THIS PLAT IS HEREBY APPROVED FOR RECORD BY THE CITY COMMISSION OF WEST PALM BEACH, FLORIDA, THIS _____ DAY OF _____, 2021.

BY: _____
KEITH A. JAMES, MAYOR

SURVEYOR AND MAPPER'S NOTES:

1.) BEARINGS SHOWN HEREON ARE GRID BEARINGS AND ARE BASED ON THE NATIONAL GEODETIC SURVEY, NORTH AMERICAN DATUM OF 1983, 1990 ADJUSTMENT (NAD83/90), FLORIDA STATE PLANE TRANSVERSE MERCATOR PROJECTION AND ARE RELATIVE TO THE NORTH-SOUTH QUARTER SECTION LINE OF SECTION 1, TOWNSHIP 43 SOUTH, RANGE 42 EAST. SAID LINE BEARS SOUTH 03°41'13" WEST.

2.) NO STRUCTURE OR BUILDING OR ANY KIND OF LANDSCAPING SHALL BE PLACED ON OR WITHIN ANY EASEMENT WITHOUT PRIOR WRITTEN CONSENT OF ALL EASEMENT BENEFICIARIES AND THE CITY ENGINEER.

3.) NOTICE: THIS PLAT, AS RECORDED IN ITS GRAPHIC FORM, IS THE OFFICIAL DEPICTION OF THE SUBDIVIDED LANDS DESCRIBED HEREIN AND WILL IN NO CIRCUMSTANCES BE SUPPLANTED IN AUTHORITY BY ANY OTHER GRAPHIC OR DIGITAL FORM OF THE PLAT. THERE MAY BE ADDITIONAL RESTRICTIONS THAT ARE NOT RECORDED ON THIS PLAT THAT MAY BE FOUND IN THE PUBLIC RECORDS OF THIS COUNTY.

4.) IN THOSE CASES WHERE EASEMENTS OF DIFFERENT TYPES CROSS OR OTHERWISE COINCIDE, DRAINAGE EASEMENTS SHALL HAVE FIRST PRIORITY, UTILITY EASEMENTS SHALL HAVE SECOND PRIORITY, ACCESS EASEMENTS SHALL HAVE THIRD PRIORITY, AND ALL OTHER EASEMENTS SHALL BE SUBORDINATE TO THESE WITH THEIR PRIORITIES BEING DETERMINED BY USE RIGHTS GRANTED.

5.) INSTRUMENTS SHOWN ON THIS PLAT ARE RECORDED IN THE PUBLIC RECORDS OF PALM BEACH COUNTY, FLORIDA.

6.) THIS INSTRUMENT WAS PREPARED BY LORI CHRISTIANO, IN AND FOR THE OFFICES OF LIDBERG LAND SURVEYING, INC., 675 WEST INDIANTOWN ROAD, SUITE 200, JUPITER, FLORIDA 33458. TELEPHONE (561) 746-8454.

SURVEYOR & MAPPER'S CERTIFICATE

THIS IS TO CERTIFY THAT THE PLAT SHOWN HEREON IS A TRUE AND CORRECT REPRESENTATION OF A SURVEY MADE UNDER MY RESPONSIBLE DIRECTION AND SUPERVISION; THAT SAID SURVEY IS ACCURATE TO THE BEST OF MY KNOWLEDGE AND BELIEF; THAT PERMANENT REFERENCE MONUMENTS ("P.R.M.S."), PERMANENT CONTROL POINTS ("P.C.P.S."), AND MONUMENTS ACCORDING TO SEC. 177.091(9), F.S., HAVE BEEN PLACED AS REQUIRED BY LAW; AND, FURTHER, THAT THE SURVEY DATA COMPLIES WITH ALL THE REQUIREMENTS OF CHAPTER 177, FLORIDA STATUTES, AS AMENDED, AND THE ORDINANCES OF THE CITY OF WEST PALM BEACH, FLORIDA.

DATED THIS _____ DAY OF _____, 2021.

DAVID C. LIDBERG
PROFESSIONAL SURVEYOR AND MAPPER
FLORIDA CERTIFICATE NO. 3613

PRIME DEVELOPMENT, LLC. REVIEWING SURVEYOR'S SEAL SURVEYOR'S SEAL CITY OF WEST PALM BEACH SEAL



CD:	K:\JUST \ 014342 \ 18-063-306 \ 18-063-306.DGN		
REF:			
F.L.D.	PG.	JOB	18-063-306
OFF.	L.J.C.	DATE	DECEMBER 2021
CKD.	D.C.L.	SHEET	1 OF 2 DWG. D18-063P

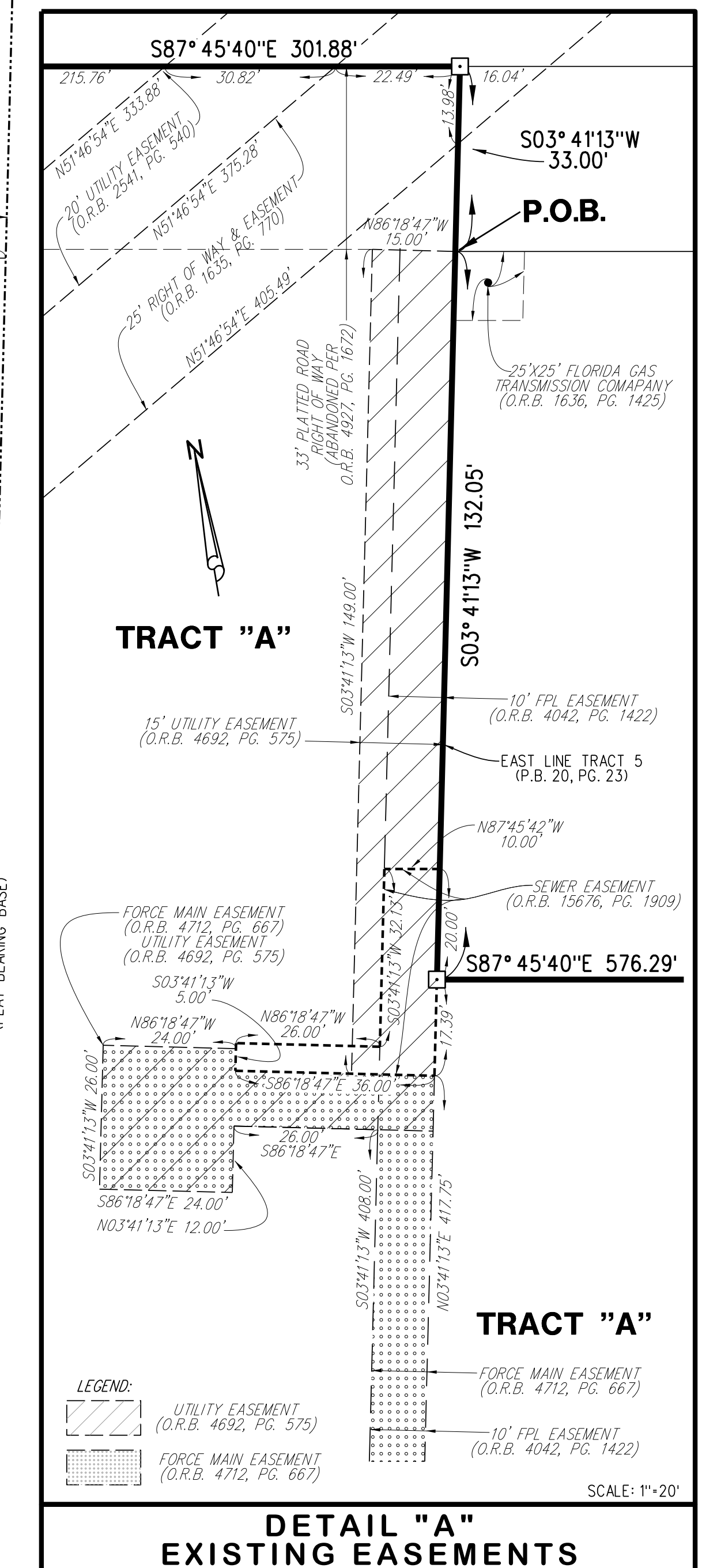
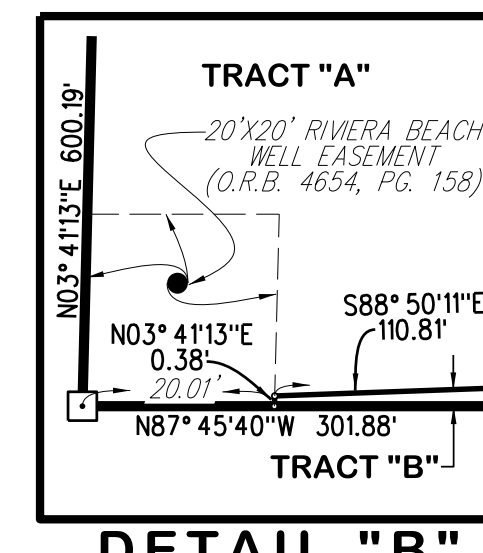
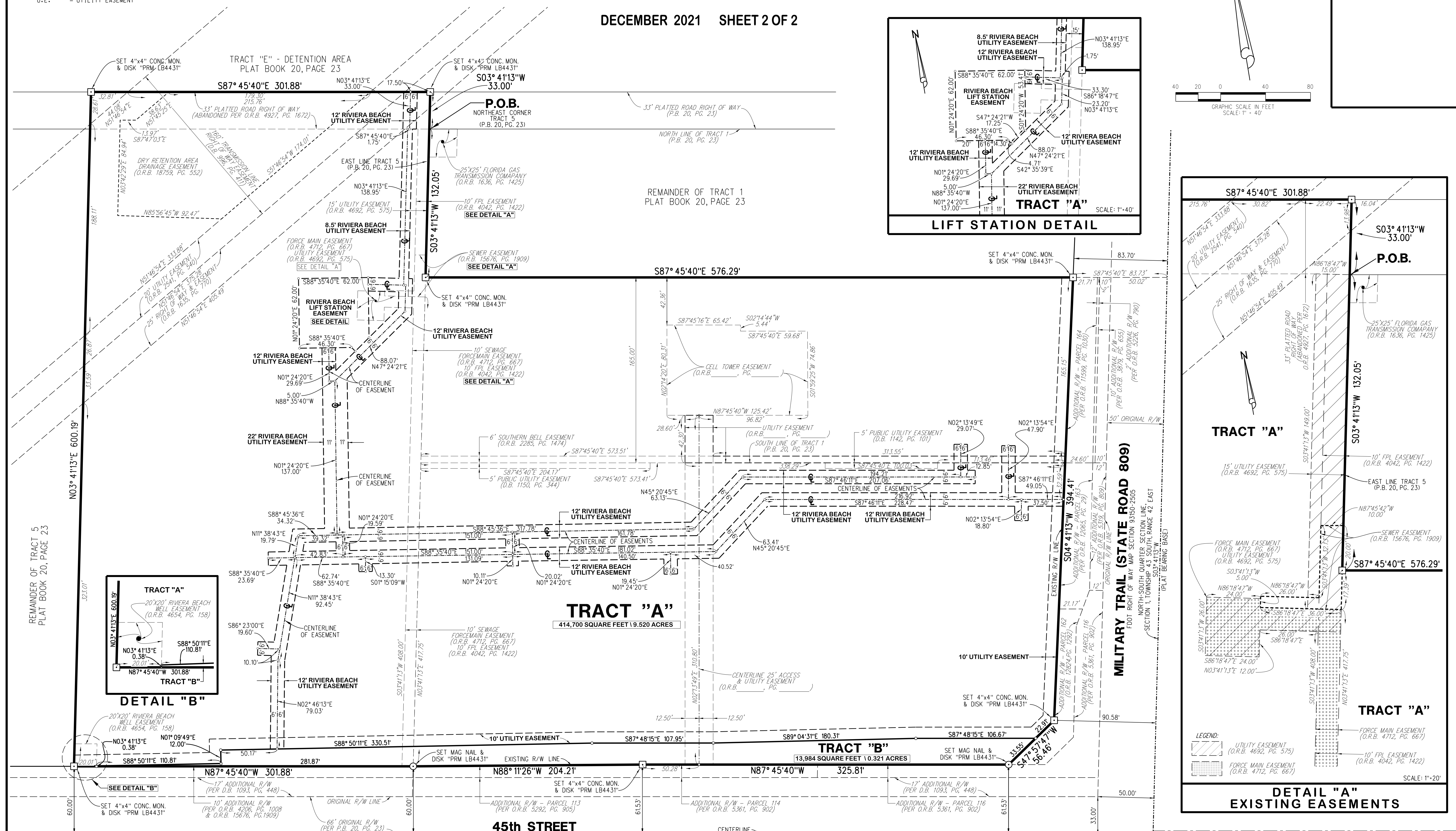
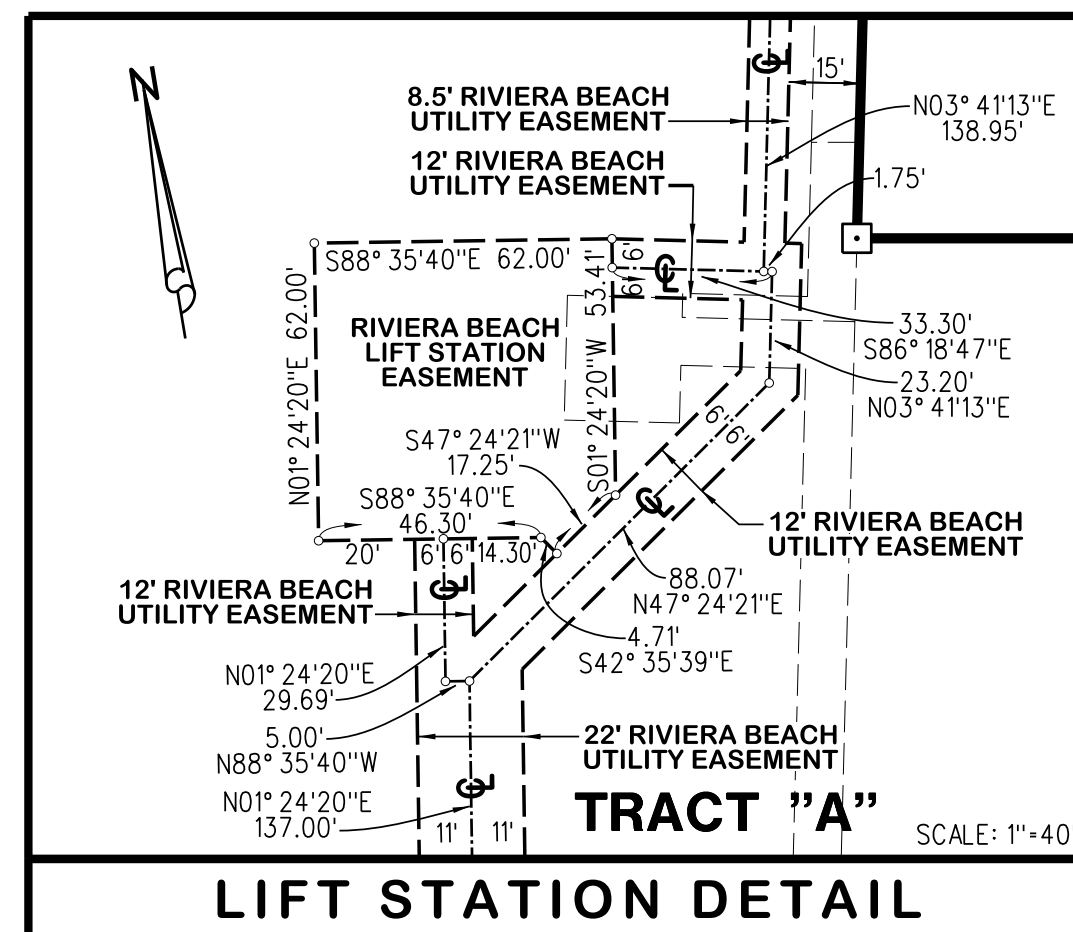
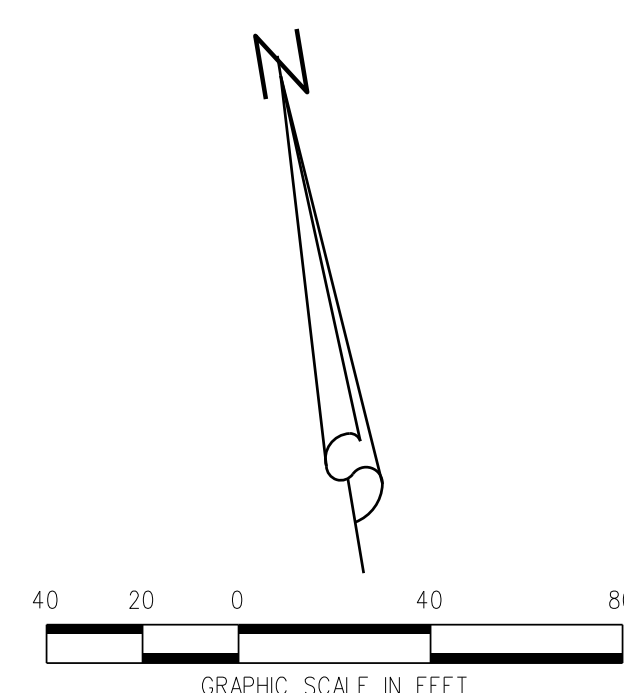
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PRIME CORNER

A PARCEL OF LAND BEING A REPLAT OF PORTIONS OF TRACTS 1, 2 AND 5, ACCORDING TO THE PLAT OF ADAMS SUBDIVISION, RECORDED IN PLAT BOOK 20, PAGE 23, LYING IN SECTION 1, TOWNSHIP 43 SOUTH RANGE 42 EAST, CITY OF WEST PALM BEACH, PALM BEACH COUNTY, FLORIDA

DECEMBER 2021 SHEET 2 OF 2



- LEGEND**
- ☐ DENOTES PERMANENT REFERENCE MONUMENT (P.R.M.) SET 4"x4" CONCRETE MONUMENT WITH DISK STAMPED "PRM LB4431" UNLESS OTHERWISE NOTED
 - ☉ DENOTES PERMANENT REFERENCE MONUMENT (P.R.M.) SET MAG NAIL & DISK STAMPED "PRM LB4431" UNLESS OTHERWISE NOTED

LIDBERG LAND SURVEYING, INC.
 675 West Indiantown Road, Suite 200, Jupiter, Florida 33458 TEL. 561-746-8454
 LB4431

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