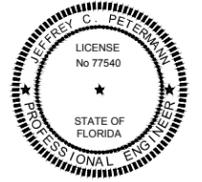


# CONSTRUCTION PLANS FOR VETERANS PARK RETAINING WALL



THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY JEFFREY C. PETERMANN ON THE DATE ADJACENT TO THE SEAL. PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND THE SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.

## DECEMBER 2022

PREPARED FOR:  
CITY OF CALLAWAY



CITY OF CALLAWAY  
CITY COMMISSION

PAMN HENDERSON	MAYOR
SCOTT DAVIS	WARD I COMMISSIONER
DAVID GRIGGS	WARD II COMMISSIONER
BOB PELLETIER	WARD III COMMISSIONER
KENNETH L. AYERS JR.	WARD IV COMMISSIONER
EDDIE COOK	CITY MANAGER
BILL FRYE	PUBLIC WORKS DIRECTOR

PREPARED BY:

**B** BASKERVILLE-DONOVAN, INC.  
ENGINEERING THE SOUTH SINCE 1927

14101 PANAMA CITY BEACH PARKWAY, SUITE 110,  
PANAMA CITY BEACH, FL 32413 (850) 230-6150  
ENGINEERING BUSINESS: EB-0000340

PENSACOLA - PANAMA CITY BEACH - TALLAHASSEE - MOBILE

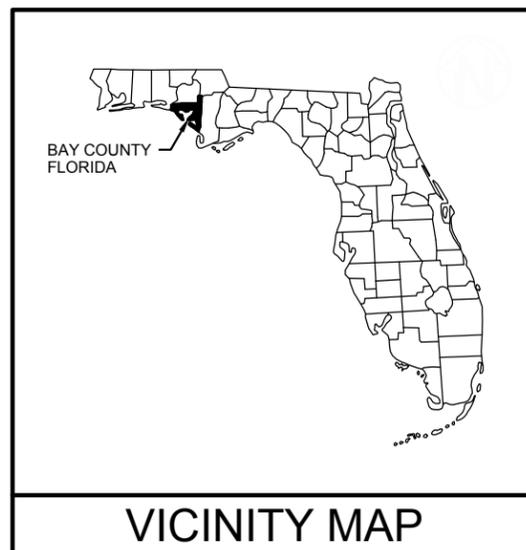
ENGINEER'S PROJECT NO. 27660.01

### SHEET INDEX

- G-000 COVER SHEET
- G-001 GENERAL NOTES
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- C-902 FDOT DETAILS
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- S-2 WALL PLAN & SECTION
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LOCATION MAP



VICINITY MAP



48 HOURS BEFORE YOU DIG  
CALL SUNSHINE  
1-800-432-4770  
IT'S THE LAW IN FLORIDA  
FL STATUTE 553.851 (1979) REQUIRES  
MIN. OF 2 DAYS AND MAX. OF 5 DAYS  
NOTICE BEFORE YOU EXCAVATE.

**GENERAL NOTES:**

1. THE CONTRACTORS SHALL NOTIFY THE CITY MANAGER OR DESIGNEE 48 HOURS PRIOR TO CONSTRUCTION.
2. ALL CONDITIONS AND STIPULATIONS OF THE CONSTRUCTION PERMITS AND THE APPROVALS ISSUED BY THE CITY SHALL BE COMPLIED WITH IN EVERY DETAIL.
3. ALL ROADS DAMAGED BY CONSTRUCTION OPERATIONS ARE TO BE PATCHED OR RECONSTRUCTED AS DIRECTED BY THE CITY MANAGER OR DESIGNEE.
4. THE CONTRACTOR SHALL TAKE STEPS NECESSARY TO PREVENT EROSION AND ANY OFF SITE SEDIMENT TRANSPORT RESULTING FROM INCREASED RUNOFF DURING CONSTRUCTION BY PROVIDING EROSION CONTROL MEASURES CONSISTENT WITH THE FLORIDA STORMWATER, EROSION, AND SEDIMENT CONTROL INSPECTOR'S MANUAL, 2008 EDITION, OR AS INDICATED ON THE PLANS. ALL EROSION CONTROL MEASURES SHALL REMAIN IN PLACE UNTIL ASSOCIATED DISTURBED AREAS ARE STABILIZED AS TO REDUCE SEDIMENT RUNOFF, UNLESS OTHERWISE DIRECTED BY THE ENGINEER OR DESIGNEE.
5. ANY NECESSARY PERMITS WILL BE THE RESPONSIBILITY OF THE CONTRACTOR.
6. THE CONTRACTOR IS CAUTIONED TO VISIT THE SITE AND FAMILIARIZE HIMSELF WITH THE PROJECT PRIOR TO BIDDING AND/OR CONSTRUCTION.
7. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO PRESERVE OR RELOCATE ALL BENCHMARKS (VERTICAL CONTROL) AS NEEDED DURING CONSTRUCTION. ALL PUBLIC OR PRIVATE CORNER MONUMENTATION SHALL BE PROTECTED. IF A PUBLIC OR PRIVATE CORNER MONUMENTATION IS IN DANGER OF BEING DESTROYED AND HAS NOT BEEN PROPERLY REFERENCED, THE CONTRACTOR SHALL NOTIFY THE ENGINEER OR DESIGNEE IMMEDIATELY. ANY BAY COUNTY/CITY HARN/GPS NETWORK MONUMENTS OR BUREAU OF SURVEY AND MAPPING GPS NETWORK MONUMENTS WITHIN THE LIMITS OF CONSTRUCTION SHALL BE PROTECTED. IF A HARN/GPS NETWORK MONUMENTS OR BUREAU OF SURVEY AND MAPPING GPS NETWORK MONUMENTS ARE DISTURBED OR DESTROYED THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPLACEMENT OF THE MONUMENTS AND HAVE THE MONUMENTS POSITION DETERMINED BY A FLORIDA LICENSED PROFESSIONAL SURVEYOR AND MAPPER USING GUIDELINES AS ESTABLISHED BY NATIONAL GEODETIC SURVEY FOR BLUE BOOKING AND APPROVAL.
8. EXISTING DRAINAGE FEATURES WITHIN CONSTRUCTION LIMITS SHALL REMAIN UNLESS OTHERWISE NOTED.
9. THE CONTRACTOR SHALL MATCH EXISTING CONDITIONS AT THE BEGINNING AND END OF CONSTRUCTION AS DIRECTED BY THE ENGINEER OR DESIGNEE.
10. EXISTING STREETS AND DRIVES SHALL BE MAINTAINED TO LOCAL TRAFFIC AND PROPERTY OWNERS.
11. ONLY ACCESS TO THE ROAD R/W AS SHOWN IS GUARANTEED BY THE CITY. PRIVATE R/W REQUIRED BY THE CONTRACTOR TO FACILITATE CONSTRUCTION SHALL BE ACQUIRED BY THE CONTRACTOR WITH NO ADDITIONAL COMPENSATION OR ASSISTANCE FROM THE CITY.
12. VEGETATION ON R/W AND EASEMENTS SHALL BE RESTORED TO ORIGINAL CONDITION UNLESS OTHERWISE NOTED ON THE PLAN SHEETS. COST OF SAID RESTORATION SHALL BE CONSIDERED INCIDENTAL TO OTHER PAY ITEMS.
13. GRADED AGGREGATE BASE SHALL BE REQUIRED WHERE THE SEASONAL HIGH GROUND WATER ENCROACHES WITHIN TWO (2) FEET OF THE BOTTOM OF BASE.
14. ALL COMPACTED FILL SHALL BE PLACED IN 4" LIFTS FOR HAND POWERED TAMPERS AND 8" LIFTS FOR HEAVY EQUIPMENT OPERATED TAMPERS.
15. THE CONTRACTOR SHALL, AT A MINIMUM, MATCH EXISTING SIGNING AND PAVEMENT MARKINGS. ALL SIGNING AND PAVEMENT MARKINGS SHALL BE PLACED IN ACCORDANCE WITH THE LATEST FDOT DESIGN STANDARDS. THE CONTRACTOR SHALL CONTACT THE CITY TRAFFIC DEPARTMENT PRIOR TO INSTALLATION OF ANY SIGNING AND PAVEMENT MARKINGS.
16. WHERE UNSUITABLE MATERIAL IS ENCOUNTERED IN THE AREAS PROPOSED FOR PAVING, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE CITY ENGINEER OR DESIGNEE PRIOR TO ANY EXCAVATION.
17. PIPE LENGTHS SHOWN IN THE PLANS DO NOT INCLUDE THE LENGTH OF PIPE THAT MUST BE INSTALLED WITH THE MITERED END SECTION. THEREFORE, ALL PIPES LENGTHS ASSOCIATED WITH MITERED END SECTIONS SHALL BE PAID FOR IN THE UNIT COST OF THE MITERED END SECTION.
18. THE DEVELOPER/CONTRACTOR SHALL INSTALL PRIOR TO THE START OF CONSTRUCTION AND MAINTAIN DURING CONSTRUCTION ALL SEDIMENT CONTROL MEASURES AS REQUIRED TO RETAIN ALL SEDIMENTS ON THE SITE. IMPROPER SEDIMENT CONTROL MEASURE MAY RESULT IN CODE ENFORCEMENT VIOLATION.
19. ALL DISTURBED AREAS WHICH ARE NOT PAVED SHALL BE STABILIZED WITH STAKED SOD. UNLESS NOTED OTHERWISE.
20. CONTRACTOR SHALL MAINTAIN RECORD DRAWINGS DURING CONSTRUCTION WHICH SHOW "AS-BUILT" CONDITIONS OF ALL WORK INCLUDING PIPING, DRAINAGE STRUCTURES, TOPO OF POND(S), OUTLET STRUCTURES, DIMENSIONS, ELEVATIONS, GRADING ETC. RECORD DRAWINGS SHALL BE PROVIDED TO THE ENGINEER OF RECORD PRIOR TO REQUESTING FINAL INSPECTION.
21. THE CONTRACTOR SHALL ARRANGE/SCHEDULE WITH THE CITY A FINAL INSPECTION OF THE DEVELOPMENT UPON COMPLETION AND ANY INTERMEDIATE INSPECTIONS. AS-BUILT CERTIFICATION IS REQUIRED PRIOR TO REQUEST FOR FINAL INSPECTION/APPROVAL.
22. ALL ASPECTS OF THE STORMWATER/DRAINAGE COMPONENTS AND/OR TRANSPORTATION COMPONENTS SHALL BE COMPLETED PRIOR TO REQUESTING A FINAL INSPECTION.
23. NO DEVIATIONS OR REVISIONS FROM THESE PLANS BY THE CONTRACTOR SHALL BE ALLOWED WITHOUT PRIOR APPROVAL FROM BOTH THE DESIGN ENGINEER AND THE CITY OF CALLAWAY. ANY DEVIATIONS MAY RESULT IN DELAYS OF CITY ACCEPTANCE.
24. CONTRACTOR SHALL SAFETY-BARRICADE ALL EXCAVATIONS AND OTHER HAZARDS.
25. CONTRACTOR SHALL PROVIDE ACCESS TO PROPERTIES ADJACENT TO THE CONSTRUCTION AREAS, ADEQUATE BARRICADES, CONSTRUCTION SIGNAGE AND OTHER TRAFFIC CONTROL DEVICES SHALL BE PROVIDED IN ACCORDANCE WITH FDOT CONSTRUCTION STANDARDS. DRIVEWAY ACCESS TO ADJACENT PROPERTY SHALL BE MAINTAINED AT ALL TIMES.
26. ADEQUATE PROVISIONS SHALL BE MADE FOR THE FLOW OF SEWERS, DRAINS, WATER COURSES AND OTHER UTILITIES ENCOUNTERED DURING CONSTRUCTION.
27. THE CONTRACTOR IS TO REPLACE TO EXISTING CONDITIONS OR BETTER ANY FENCES, SPRINKLER SYSTEMS, TREES AND SHRUBS, MAINTAINED FLOWER BEDS, OR OTHER EXISTING IMPROVEMENTS IMPACTED DURING CONSTRUCTION, WHETHER DEPICTED IN THE PLANS OR NOT.
28. ALL NEW CONCRETE FOR SITE WORK SHALL ACHIEVE A 28 DAY STRENGTH OF 3000 PSI (MIN.), UNLESS OTHERWISE SPECIFIED.
29. ALL SIDEWALKS, DRIVEWAYS AND BUS STOPS MUST BE BUILT TO ADA STANDARDS, LATEST EDITION OF DESIGN STANDARDS AND TRANSIT FACILITY GUIDELINES.
30. CROSSWALK LIGHTING SHALL CONFORM TO CURRENT CITY OF CALLAWAY LAND DEVELOPMENT CODE.
31. ELEVATIONS RELATIVE TO NAVD 88.
32. THE CONTRACTOR IS RESPONSIBLE TO DETERMINE THE EXACT LOCATIONS AND DEPTHS OF ALL UTILITIES INCLUDING, BUT NOT LIMITED TO, WATER LINES, BURIED TELEPHONE LINES, BURIED ELECTRICAL LINES AND GAS MAINS PRIOR TO COMMENCEMENT OF CONSTRUCTION. CONTRACTOR IS TO COORDINATE WITH UTILITY COMPANIES FOR REMOVAL AND/OR RELOCATION OF EXISTING UTILITY POLES, AERIAL LINES, BURIED CABLE AND OTHER UTILITIES.

33. THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY OF ANY CONFLICTS BETWEEN CONTRACT DOCUMENTS AND EXISTING CONDITIONS. THESE DRAWINGS REPRESENT KNOW STRUCTURES AND UTILITIES LOCATED IN THE PROJECT AREA. THE CONTRACTOR IS CAUTIONED THAT OTHER STRUCTURES AND UTILITIES, ABOVE OR BELOW GROUND, MAY BE ENCOUNTERED DURING THE COURSE OF THE PROJECT. THE CONTRACTOR SHOULD NOTIFY THE UTILITY, THEN THE ENGINEER, IMMEDIATELY UPON ENCOUNTERING ANY UNEXPECTED STRUCTURE, UTILITY LINE, OR OTHER UNUSUAL CONDITION. EXISTING CONDITIONS ARE BASED ON SURVEYS BY BASKERVILLE-DONOVAN, INC.
34. ALL PAVEMENT CUTS SHALL BE SAW CUT WITH A WET SAW TO LIMIT DUST.
35. ALL TREES IN THE PROJECT AREA ARE TO REMAIN UNDAMAGED UNLESS NOTED FOR REMOVAL OR APPROVED BY THE ENGINEER.
36. DIESEL FUEL IS NOT TO BE USED AS A RELEASE FOR HAND TOOLS AND TRUCKS PER FDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION 2017-2018. NO RELEASE AGENT SHOULD BE POURED ONTO SOILS OVER ASPHALT SURFACES.
37. NOTIFY SUNSHINE UTILITIES 48 HOURS IN ADVANCE PRIOR TO DIGGING WITHIN R/W; 1-800-432-4770. CONTRACTOR SHALL VERIFY DEPTH AND LOCATION AND IMMEDIATELY NOTIFY ENGINEER OF CONFLICTS.
38. FLORIDA POWER & LIGHTS (FPL) TO REVIEW ALL EXISTING POWER POLES PRIOR TO CONSTRUCTION FOR POSSIBLE RELOCATION/REPLACEMENT.
39. CONTRACTOR SHALL FIELD VERIFY THE CROSS SLOPES OF ALL EXISTING DRIVEWAYS TO ENSURE ADA MAXIMUM CROSS SLOPE COMPLIANCE OF TWO PERCENT (2%).
40. CONTRACTOR SHALL FIELD VERIFY DROP-OFF HEIGHTS AT ALL NOTED PEDESTRIAN HAZARD AREAS AND INSTALL APPROPRIATE MATERIAL AS FOLLOWS:  
 <5.0 FT DROP-OFF USE GUIDE RAIL FDOT INDEX 515-052 (STEEL)  
 >5.0 FT DROP-OFF USE PEDESTRIAN/BICYCLE RAILINGS INDEX 515-052 (STEEL)
41. CITY SHALL OBTAIN ANY/ALL TEMPORARY CONSTRUCTION EASEMENTS NECESSARY FOR PRIVATE PROPERTY IMPACTS BEYOND THE RIGHT-OF-WAY.
42. THE CONTRACTOR SHALL EMPLOY THE USE OF SILT FENCES, HAY BALES, DITCHES OR WHATEVER MEANS NECESSARY TO CONTROL EROSION AND SEDIMENTATION AT ALL TIMES. WATERS OF THE STATE, ADJACENT PROPERTIES, AND ANY NEW DRAINAGE CONSTRUCTION SHALL BE PROTECTED DURING THE CONSTRUCTION PERIOD. EROSION CONTROL MEASURES SHALL BE INSTALLED PRIOR TO THE START OF CONSTRUCTION AND SHALL REMAIN UNTIL THE COMPLETION OF CONSTRUCTION AND ACCEPTANCE BY THE OWNER.
43. ALL ON-SITE GRADING, DRAINAGE AND PAVEMENT WORK SHALL BE IN ACCORDANCE WITH FDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, LATEST EDITION.
44. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR DUST CONTROL.
45. THE CONTRACTOR SHALL RESTORE ALL DISTURBED RIGHTS-OF-WAY IN ACCORDANCE WITH THE EDITION OF THE FLORIDA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS.
46. THE CONTRACTOR SHALL HIRE A SURVEYOR LICENSED IN THE STATE OF FLORIDA IN ACCORDANCE WITH SECTION 12.0 OF THE GENERAL CONDITIONS.
47. THE CONTRACTOR SHALL ENSURE THAT ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH ALL APPLICABLE LOCAL, STATE AND FEDERAL LAWS.
48. CONTRACTOR SHALL COMPLY FULLY WITH ALL PERMIT REQUIREMENTS IMPOSED BY THE REGULATORY AUTHORITIES.
49. TYPE B STABILIZATION IS INCIDENTAL TO EARTHWORK.
50. ALL PIPE JOINTS, INCLUDING CONNECTIONS TO STRUCTURES, SHALL BE WRAPPED WITH FILTER FABRIC IN ACCORDANCE WITH FDOT DESIGN STANDARDS AND THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.

**UTILITY NOTES:**

1. THE LOCATION SHOWN FOR EXISTING UNDERGROUND UTILITIES IS APPROXIMATE. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK IN EACH AREA. THE CONTRACTOR AGREES TO BE COMPLETELY RESPONSIBLE FOR ALL DAMAGES WHICH MIGHT OCCUR BY HIS FAILURE TO EXACTLY LOCATE AND PRESERVE ALL UTILITIES.
2. UTILITY OWNERS SHALL BE NOTIFIED AT LEAST 48 HOURS PRIOR TO ANY CONSTRUCTION SO THAT THE UTILITY OWNER CAN SPOT VERIFY AND/OR EXPOSE THEIR UTILITIES.
3. FLORIDA POWER WILL COMPLETE ALL WORK DURING THE HOURS OF 7:30 AM - 4:30 PM, MONDAY THRU FRIDAY. NO NIGHT OR WEEKEND WORK.
4. ALL CABLE DAMAGE MUST BE REPORTED TO THE ATT FLORIDA REPAIR SERVICE DEPARTMENT AT 611 FROM A LAND LINE OR 800-266-2278 IF USING A CELL PHONE.
5. CONTRACTOR IS TO USE CAUTION WHEN WORKING IN OR AROUND AREAS OF OVERHEAD TRANSMISSION LINES AND UNDERGROUND UTILITIES.
6. UTILITIES TO REMAIN AND BE PROTECTED DURING CONSTRUCTION. NECESSARY REPAIRS SHALL BE CONSIDERED INCIDENTAL TO OTHER PAY ITEMS AND SHALL BE TO THE SATISFACTION OF UTILITY OWNERS.
7. AT&T FLORIDA WILL COMPLETE ALL WORK DURING THE HOURS OF 7:30 AM - 4:30 PM, MONDAY THRU FRIDAY. NO NIGHT OR WEEKEND WORK.

UTILITY CONTACT INFORMATION			
UTILITY	ADDRESS	CONTACT NAME	PHONE NUMBER
WATER - CITY OF CALLAWAY	324 S. BERTHE AVE. CALLAWAY FL, 32404	DAVID KUBAN	850-871-1033
SEWER - CITY OF CALLAWAY	324 S. BERTHE AVE. CALLAWAY FL, 32404	BILL FRYE	850-871-7232
COMCAST	4001 W. 23RD ST, SUITE A, PANAMA CITY, FL 32405	JEFFREY SMITH	850-770-8056
GULF POWER	12425 HUTCHINSON BLVD, PANAMA CITY BEACH, FL 32407	SANDRA PERRY	850-872-3315
AT&T DISTRIBUTION	-	AL RUDOLPH	850-436-1488
TECO	3706 W. 23RD ST., PANAMA CITY, FL 32405	MIKE MCQUIRE	850-914-6104

**STORMWATER NOTES:**

1. THE CONTRACTOR SHALL OBTAIN A NPDES PERMIT FROM FDEP PRIOR TO COMMENCEMENT WORK.

BASKERVILLE-DONOVAN, INC.  
ENGINEERING THE SOUTH SINCE 1927  
1101 PANAMA CITY BEACH PARKWAY, SUITE 110,  
PANAMA CITY BEACH, FL 32413 (850) 230-6190  
ENGINEERING BUSINESS: BR-00000000  
PELUSCULA-PANAMA CITY BEACH-FL-PA00000000-INC-BILE

STATE OF FLORIDA  
LICENSE No. 77540  
ENGINEER  
SEAL

VETERANS PARK  
RETAINING WALL

NO.	DATE	APPR.	REVISION / ACTION TAKEN

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BID  
BY: JCP DATE: 12/22

PROJECT NO: 27660.01  
DESIGNED BY: JCP  
DRAWN BY: TM  
CHKD BY: GM  
PROJ. MGR: JCP  
DATE: DECEMBER 2022

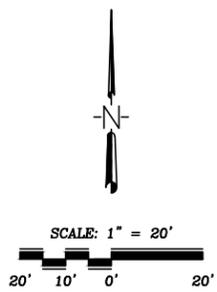
GENERAL NOTES

G-001

G  
F  
E  
D  
C  
B  
A

# CHERRY STREET

ASPHALT ROADWAY



### LEGEND

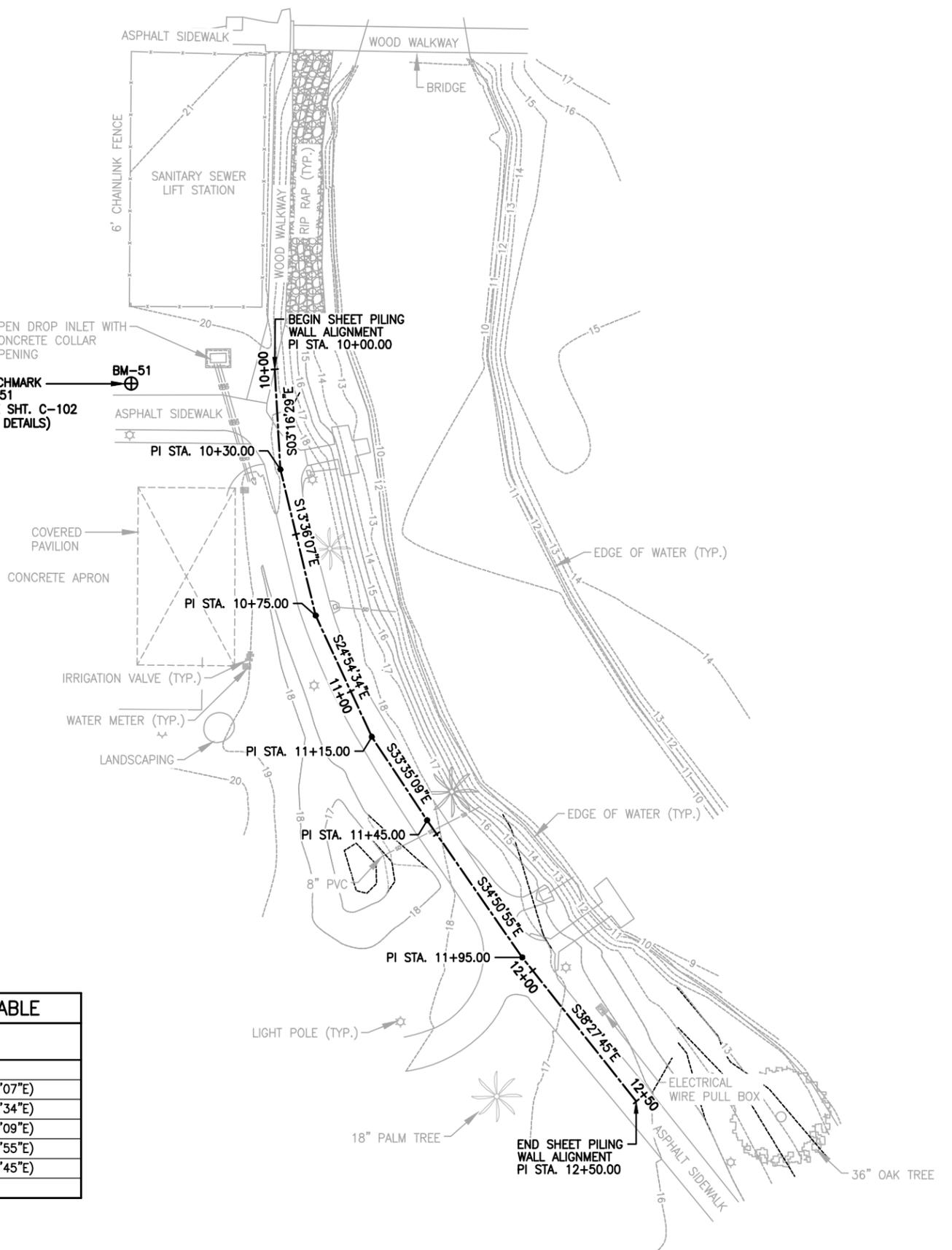
- EXISTING CONTOUR W/ELEVATION
- FINISHED CONTOUR W/ELEVATION
- STORM DRAIN PIPE
- SILT FENCE
- SILT FENCE
- BENCHMARK
- WATER VALVE
- WATER METER
- IRRIGATION VALVE
- PALM TREE
- OAK TREE
- LIGHT POLE
- ELECTRICAL WIRE PULL BOX

BENCHMARK  
BM-50  
(SEE SHT. C-102  
FOR DETAILS)

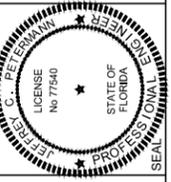
BENCHMARK  
BM-51  
(SEE SHT. C-102  
FOR DETAILS)

## VETERANS PARK

STATION	NORTHING	EASTING	DESCRIPTION
10+00.00	418121.65	1625298.61	BEGIN ALIGNMENT
10+30.00	418091.70	1625300.32	PI STATION (S03°16'29"E / S13°36'07"E)
10+75.00	418047.96	1625310.91	PI STATION (S13°36'07"E / S24°54'34"E)
11+15.00	418011.69	1625327.76	PI STATION (S24°54'34"E / S33°35'09"E)
11+45.00	417986.69	1625344.35	PI STATION (S33°35'09"E / S34°50'55"E)
11+95.00	417945.66	1625372.92	PI STATION (S34°50'55"E / S38°27'45"E)
12+50.00	417902.60	1625407.13	END ALIGNMENT



**BASKERVILLE-DONOVAN, INC.**  
ENGINEERING THE SOUTH SINCE 1927  
14101 PANAMA CITY BEACH PARKWAY, SUITE 110,  
PANAMA CITY BEACH, FL 32413 (850) 230-6150  
ENGINEERING BUSINESS: BRUNNEN  
PELUSCOLA - PANAMA CITY BEACH - PALM SPRING - MOBILE



### VETERANS PARK RETAINING WALL

NO.	DATE	APPR.	REVISION / ACTION TAKEN

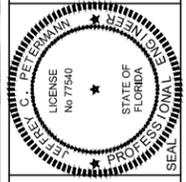
PROJECT NO: 27660.01  
DESIGNED BY: JCP  
DRAWN BY: TM  
CHKD BY: GM  
PROJ. MGR: JCP  
DATE: DECEMBER 2022

### HORIZONTAL CONTROL PLAN

C-100



**BASKERVILLE-DONOVAN, INC.**  
 ENGINEERING THE SOUTH SINCE 1927  
 14101 PANAMA CITY BEACH PARKWAY, SUITE 110  
 PANAMA CITY BEACH, FL 32413 (850) 230-6160  
 ENGINEERING BUSINESS: BE, BS, ME, PE  
 PEISSACOLA - PANAMA CITY BEACH - PALM BEACH - MOBILE



**VETERANS PARK  
 RETAINING WALL**

NO.	DATE	APPR.	REVISION / ACTION TAKEN

PROJECT NO: 27660.01  
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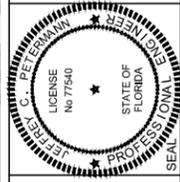
RELEASED FOR  
 BID  
 BY: JCP DATE: 12/22

**EXISTING CONDITIONS &  
 EROSION CONTROL  
 PLAN**

**C-101**



**BASKERVILLE-DONOVAN, INC.**  
 ENGINEERING THE SOUTH SINCE 1927  
 14101 PANAMA CITY BEACH PARKWAY, SUITE 110,  
 PANAMA CITY BEACH, FL 32413 (850) 230-6150  
 ENGINEERING BUSINESS: BEACHES, BOATS, AND  
 PERISCOLA - PANAMA CITY BEACH - PALM BEACH - MOBILE



**VETERANS PARK  
 RETAINING WALL**

NO.	DATE	APPR.	REVISION / ACTION TAKEN

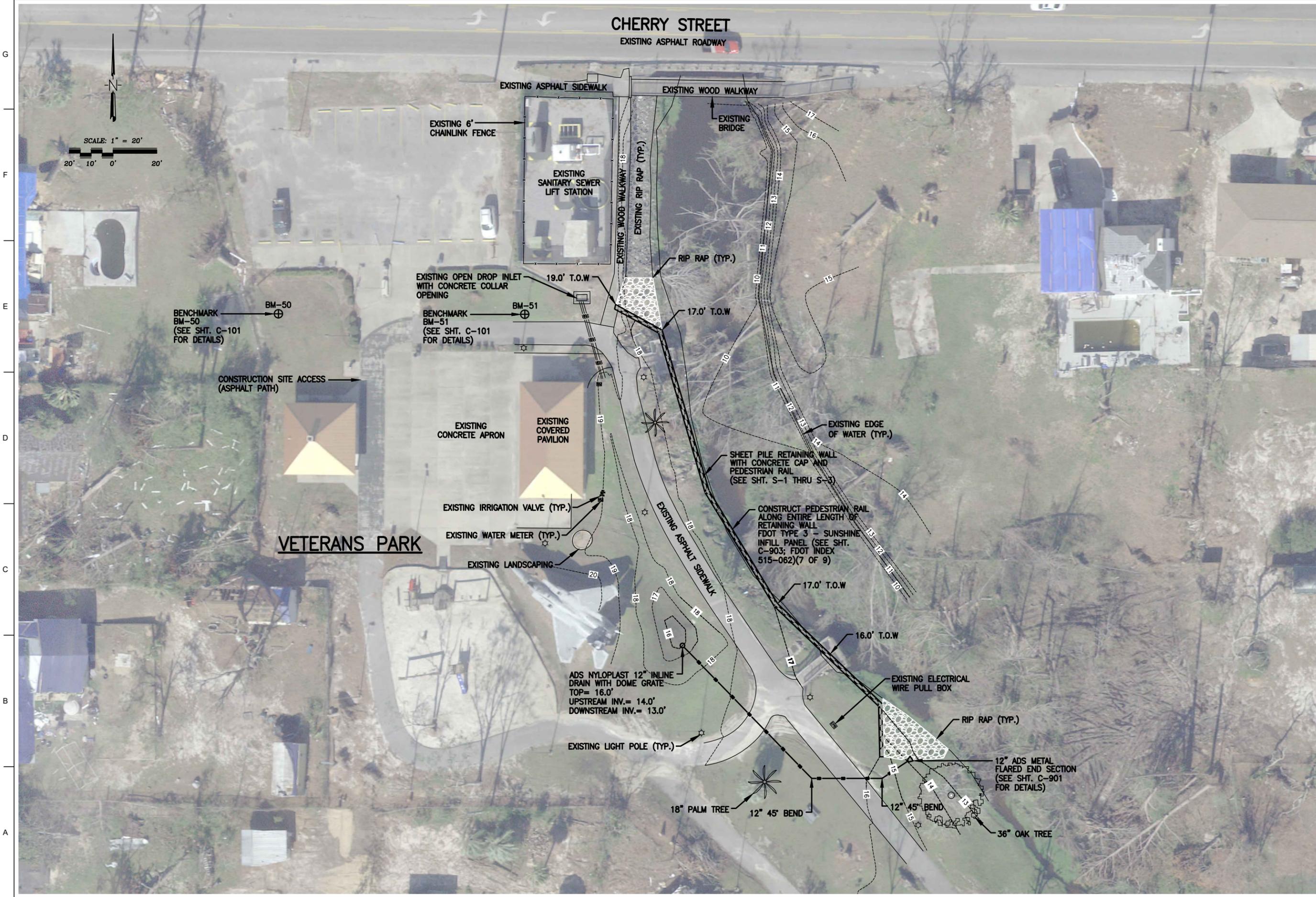
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 BID**  
 BY: JCP DATE: 12/22

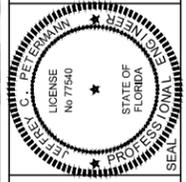
PROJECT NO: 27660.01  
 DESIGNED BY: JCP  
 DRAWN BY: TM  
 CHKD BY: GM  
 PROJ. MGR: JCP  
 DATE: DECEMBER 2022

**DEMOLITION PLAN**

**C-102**



**BASKERVILLE-DONOVAN, INC.**  
ENGINEERING THE SOUTH SINCE 1927  
14101 PANAMA CITY BEACH PARKWAY, SUITE 110,  
PANAMA CITY BEACH, FL 32413 (850) 230-6150  
ENGINEERING BUSINESS: BEACHES, BOATS, AND BIRDS  
PELUSCOLO-PANAMA CITY BEACH-PALEMBAN-INDIAN SPRINGS-MOBILE



**VETERANS PARK**  
**RETAINING WALL**

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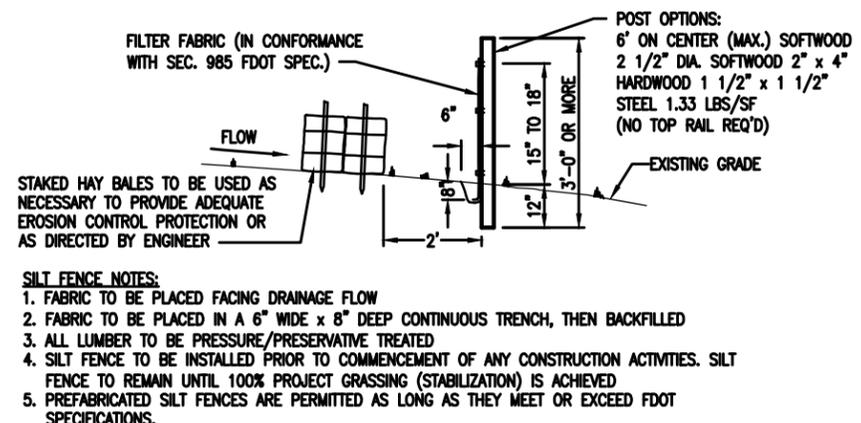
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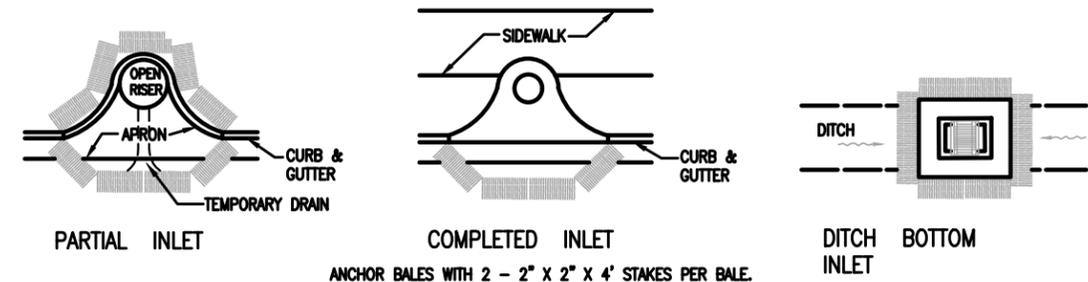
**IMPROVEMENTS PLAN**

**C-103**

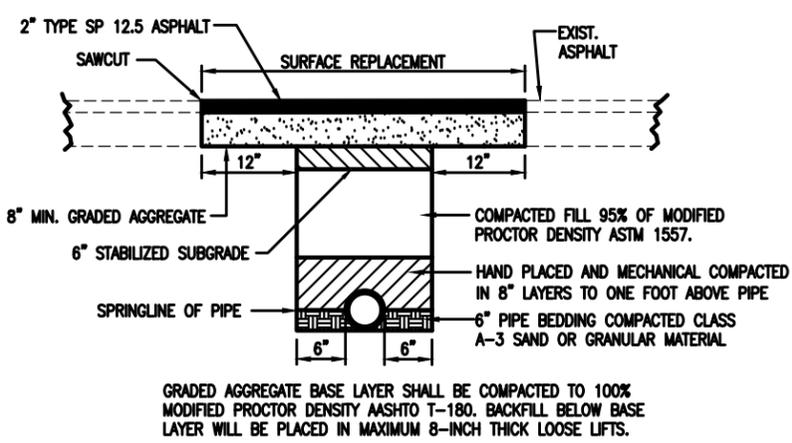
G  
F  
E  
D  
C  
B  
A



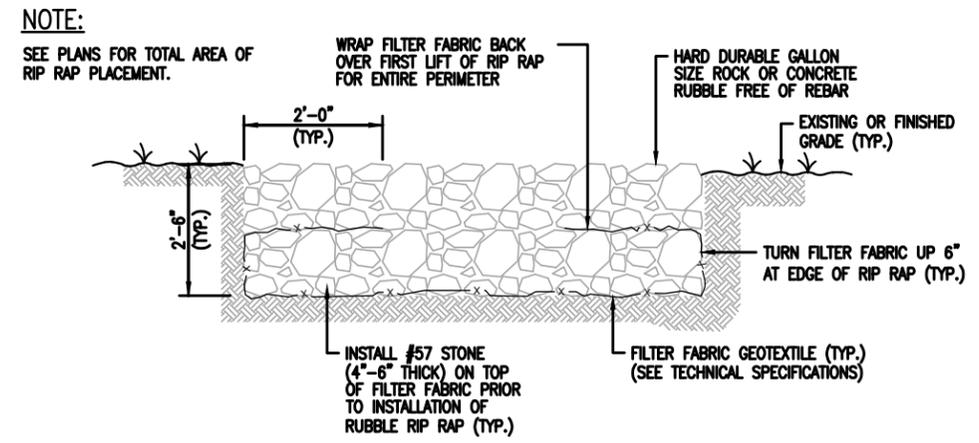
TYPE III SILT FENCE DETAIL  
NOT TO SCALE



PROTECTION AROUND INLETS OR SIMILAR STRUCTURES  
NOT TO SCALE



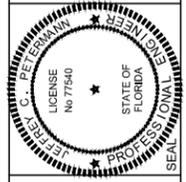
LATERAL PAVEMENT PATCH DETAIL  
NOT TO SCALE



RIP RAP DETAIL  
NOT TO SCALE

**NOTE:**  
SEE PLANS FOR TOTAL AREA OF RIP RAP PLACEMENT.

**BASKERVILLE-DONOVAN, INC.**  
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 14101 PANAMA CITY BEACH PARKWAY, SUITE 110  
 PANAMA CITY BEACH, FL 32413 (850) 230-6150  
 ENGINEERING BUSINESS: BR-0000555E  
 PEISSACOLA-PANAMA CITY BEACH-PALEMPASSEE- MOBILE



**VETERANS PARK  
RETAINING WALL**

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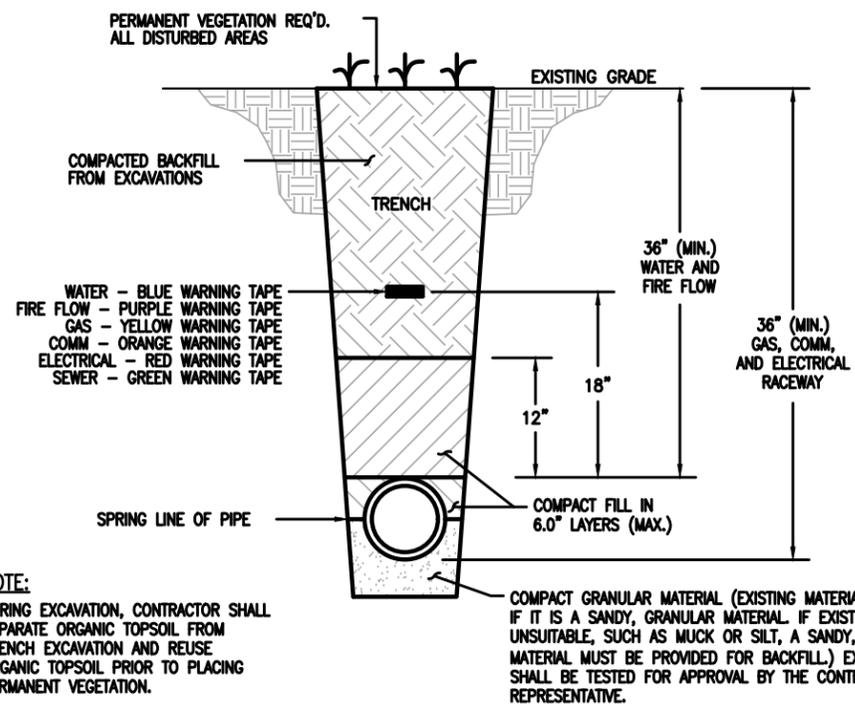
**RELEASED FOR  
BID**  
 BY: JCP DATE: 12/22

PROJECT NO: 27660.01  
 DESIGNED BY: JCP  
 DRAWN BY: TM  
 CHKD BY: GM  
 PROJ. MGR: JCP  
 DATE: DECEMBER 2022

**DETAILS**

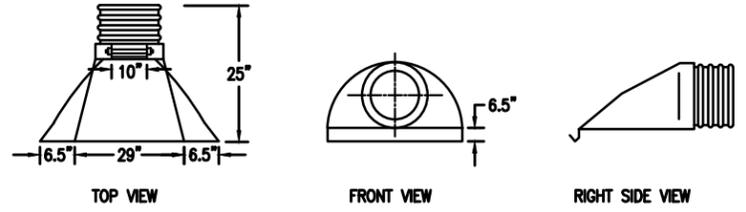
**C-900**

G  
F  
E  
D  
C  
B  
A

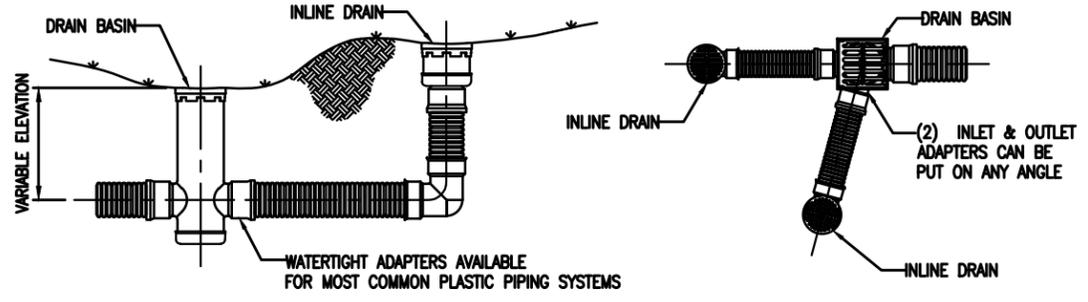
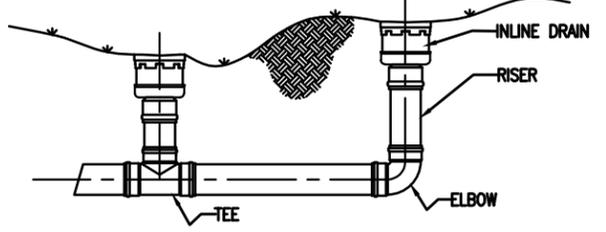


**NOTE:**  
DURING EXCAVATION, CONTRACTOR SHALL SEPARATE ORGANIC TOPSOIL FROM TRENCH EXCAVATION AND REUSE ORGANIC TOPSOIL PRIOR TO PLACING PERMANENT VEGETATION.

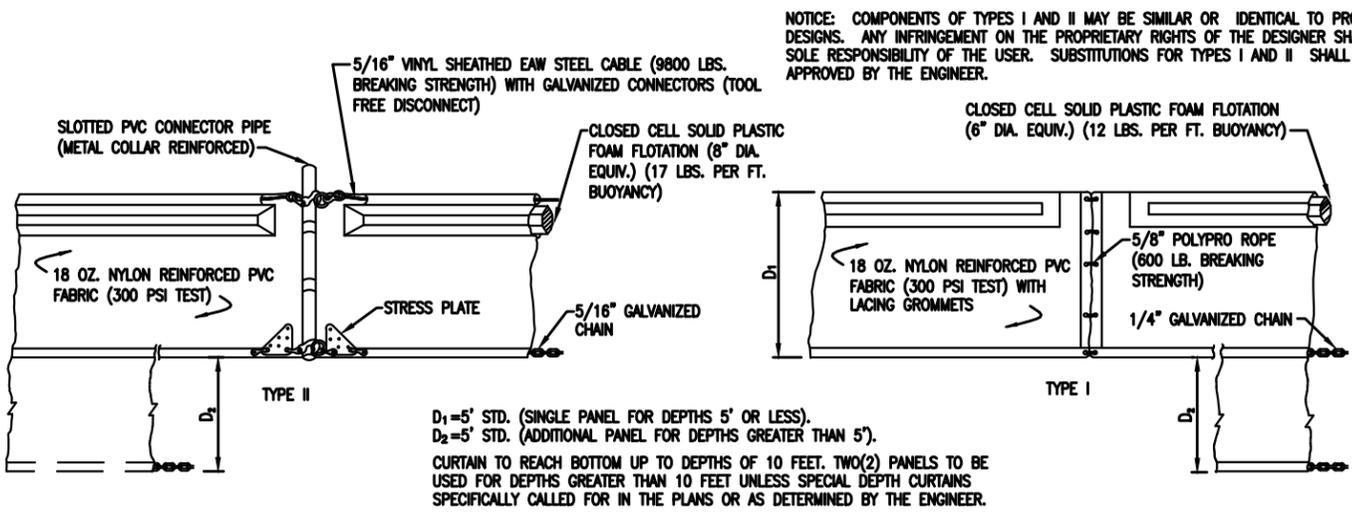
TYPICAL PIPE BEDDING  
NON-PAVED AREAS  
NOT TO SCALE



TYPICAL ADS FLARED END SECTION  
NOT TO SCALE



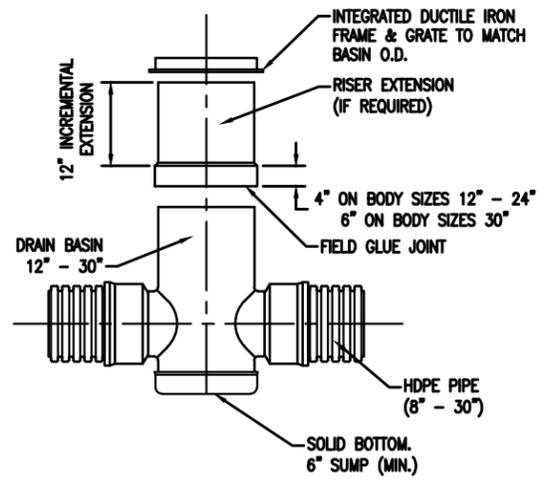
TYPICAL INSTALLATION: INLINE DRAINS & DRAIN BASIN INLETS  
NOT TO SCALE



$D_1 = 5'$  STD. (SINGLE PANEL FOR DEPTHS 5' OR LESS).  
 $D_2 = 5'$  STD. (ADDITIONAL PANEL FOR DEPTHS GREATER THAN 5').  
CURTAIN TO REACH BOTTOM UP TO DEPTHS OF 10 FEET. TWO(2) PANELS TO BE USED FOR DEPTHS GREATER THAN 10 FEET UNLESS SPECIAL DEPTH CURTAINS SPECIFICALLY CALLED FOR IN THE PLANS OR AS DETERMINED BY THE ENGINEER.

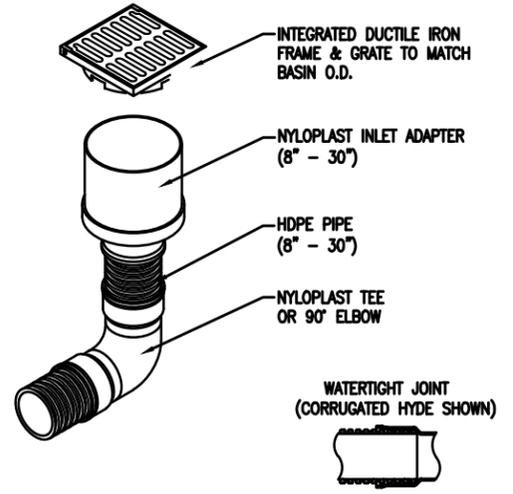
FLOATING TURBIDITY BARRIER  
NOT TO SCALE

**NOTICE:** COMPONENTS OF TYPES I AND II MAY BE SIMILAR OR IDENTICAL TO PROPRIETARY DESIGNS. ANY INFRINGEMENT ON THE PROPRIETARY RIGHTS OF THE DESIGNER SHALL BE THE SOLE RESPONSIBILITY OF THE USER. SUBSTITUTIONS FOR TYPES I AND II SHALL BE AS APPROVED BY THE ENGINEER.



**NOTE:** ADS INLETS SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS IN AREAS NOT COVERED BY LANDSCAPE ARCHITECT.

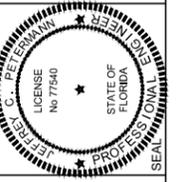
TYPICAL ADS DRAIN BASIN INLET  
NOT TO SCALE



**NOTE:** ADS INLETS SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS IN AREAS NOT COVERED BY LANDSCAPE ARCHITECT.

TYPICAL ADS IN-LINE DRAIN INLET  
NOT TO SCALE

**BASKERVILLE-DONOVAN, INC.**  
ENGINEERING THE SOUTH SINCE 1927  
14101 PANAMA CITY BEACH PARKWAY, SUITE 110,  
PANAMA CITY BEACH, FL 32413 (850) 230-6150  
ENGINEERING BUSINESS - BR 0000555 - MOBILE  
PELUSACOLA - PANAMA CITY BEACH - PALM SPRINGS - INCBILE



VETERANS PARK  
RETAINING WALL

NO.	DATE	APPR.	REVISION / ACTION TAKEN

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PROJECT NO: 27660.01  
DESIGNED BY: JCP  
DRAWN BY: TM  
CHKD BY: GM  
PROJ. MGR: JCP  
DATE: DECEMBER 2022

RELEASED FOR  
BID  
BY: JCP DATE: 12/22

DETAILS  
C-901

**3D VIEW OF RAILING WITH TYPE I - PICKET INFILL PANEL (42" Height shown, 48" Height Similar)**

TABLE 1 - RAILING MEMBERS				
MEMBER	ALLOY <sup>(1)</sup>	DESIGNATION	OUTSIDE DIMENSION	WALL THICKNESS
Posts (Type "A" & "B")	6061-T6	RT 2x2x0.250	2.00" x 2.00"	0.250"
Posts (Type "C")	6061-T6	Extrusion 1 1/2x2 1/2x0.125	1.50" x 2.50"	0.125"
Top Plate (Type "C")	6061-T6	Extrusion (See Details)	2 1/2" x 7"	Varies
Top Rail	6061-T6	2 1/2" NPS (Sch. 10)	2.875"	0.120"
End Hoops	6063-T5	3" Round Top Cap Rail	3.000"	0.125"
Top Rail Joint/Splice Sleeves	6063-T5	2 1/2" NPS (Sch. 10)	2.875"	0.120"
Intermediate & Bottom Rail	6061-T6	3.00 OD x 0.125 Wall	3.000"	0.125"
Int. & Bottom Rail Post Connection Sleeve	6063-T5	2.50 OD x 0.125 Wall	2.500"	0.125"
Handrail Joint/Splice Sleeves	6063-T5	Top Cap Rail Inner Sleeve	2.800"	0.090"
Handrails	6061-T6	RT 2x2x0.250	2.00" x 2.00"	0.250 <sup>(2)</sup>
Handrail Support Bar	6063-T5	1.50 OD x 0.125 Wall <sup>(3)</sup>	1.500"	0.125"
Pickets (Type 1 Infill Panel)	6063-T5	1" NPS (Sch. 40)	1.315"	0.133"
Infill Panel Members (Types 2 - 5)	6063-T5	1.50 OD x 0.125 Wall	1.500"	0.125"
		1 1/2" NPS (Sch. 40)	1.900"	0.145"
		3/4" Round Bar	0.750"	N/A
		3/4" Round Bar	0.750"	N/A
		Varies (See Details)	Varies	Varies

**TABLE 1 NOTES:**  
 (1) Alloy 6061-T6 or 6063-T52 & T6 may be substituted for Alloy 6063-T5.  
 (2) 0.188" wall thickness permitted for rails with spacings less than 5'-9".  
 (3) 1" NPS (Sch. 40) non-slit rail sleeves may be substituted when welded connection Detail "K" is utilized.

**NOTES:**  
 1. Shop Drawings are required, see Specification Section 515.  
 2. For bridge mounted railings, work this Index with Index 515-061 Bridge Bicycle/Pedestrian Railing (Aluminum)  
 3. Materials:  
 A. Structural Extrusions, Tube, Pipe and Bars: Table 1 and ASTM B221 or ASTM B429  
 B. Base Plates and Rail Caps: ASTM B209 Alloy 6061-T6  
 C. Fabricated panels (Type 5) Alloy 3003-H14  
 D. Stainless steel (SS) screws: Type 316 or 18-8 Alloy  
 E. Aluminum screws: Alloy 2024-T4 or 7075-T72  
 F. Galvanized Steel Fasteners: coated in accordance with Specification Section 962.  
 a. Hex Head Bolts: ASTM A 307  
 1. 3/8" diameter single bolt option, Grade 36  
 2. 1/2" diameter four bolt option, Grade 55  
 b. Adhesive Anchors: ASTM F1554 Fully threaded rods, Grade 55  
 c. Hex Nuts: ASTM A563  
 d. Flat Washers: ASTM F436  
 e. Plate Washers: ASTM A36 or ASTM A706 Grade 36.  
 G. Shims: ASTM B209 Alloy 6061 or 6063  
 H. Bearing Pads: Provide 1/2" thick Plain, Fabric Reinforced or Fabric Laminated Bearing Pads meeting the requirements of Specification Section 962 for Ancillary Structures.  
 4. Fabricate pickets and vertical panel elements parallel to the posts; except Type 2, 3 and 5 panel infills may be fabricated parallel to the longitudinal grade. Maintain a maximum clear opening of 5 3/8" for standard installations and 3 3/8" when a 4" sphere requirement is indicated in the Data Tables.  
 5. Locate railing expansion joints between the posts on either side of the deck expansion joint. Maximum spacing between expansion joints is 35'-0".  
 6. Field splices are similar to the Expansion Joint Detail and may be approved by the Engineer to facilitate handling; but the top rail must be continuous across a minimum of two posts.  
 7. For intermediate and bottom horizontal rails, the screwed joints shown may be substituted with alternate joints shown in detail "K" for Post Type "A" & "B".  
 8. Make corners and changes in tangential longitudinal alignment with a 9" bend radius or terminate adjoining sections with mitered end sections when handrails are not required.  
 9. For changes in tangential longitudinal alignment greater than 45°, position posts a maximum of 2'-0" each side of the corner but not at the corner apex.  
 10. For curved longitudinal alignments, shop bend the top and bottom rails and handrails to match the alignment radius.  
 11. Handrails are required and must be continuous at landings for:  
 A. Grades Steeper than 5%,  
 B. Three or more steps  
 12. Installation: Cutting of reinforcing steel is permitted for post installed anchors.

**CROSS REFERENCES:**  
 Detail "A", Sheet 4  
 Detail "B", Sheet 4  
 Detail "K", Sheet 3

**3" ROUND TOP CAP RAIL TOP CAP RAIL INNER SPLICE SLEEVE**  
**ALTERNATE TOP RAIL SECTION**  
**ALTERNATIVE BOTTOM & INTERMEDIATE RAIL SECTION FOR TYPE 3, 4 & 5 RAILINGS**  
**POST TYPE "C" SCREW SLOT SECTION**  
**SCREW SLOT DETAIL**  
**OPTIONAL TOP PLATE EXTRUSION SECTION (POST TYPE "C")**

LAST REVISION	DESCRIPTION:	FY 2018-19 STANDARD PLANS	PEDESTRIAN/BICYCLE RAILING (ALUMINUM)	INDEX	SHEET
11/01/16				515-062	1 of 9

**TYPICAL RAILING DETAILS & RAILINGS ON GRADES 0% TO 5% (Type 1 - Picket Railing Shown, Other Types Similar)**

**ELEVATION (Showing Outside Face of Railing with Type "A" Posts)**

**ELEVATION (Showing Inside Face of Railing with Type "A" Posts)**

**RAMP REQUIREMENTS**  
 For slopes greater than 5%:  
 Max. ramp slope = 6.25%  
 Max. ramp cross-slope = 2.0%

**LANDING REQUIREMENTS**  
 Max. landing slope = 2%  
 Max. landing cross-slope = 2%

**DETAIL "A" - RAIL CONNECTIONS (Showing Inside Face of Railing)**  
 (Pickets/Panels and 4-Bolt Anchorage Not Shown for Clarity)

**DETAIL "B" - STIFFENER DETAIL**

**VIEW F-F INTERMEDIATE OR BOTTOM RAIL - ALUMINUM SLEEVE DETAIL (Bottom Side Shown)**

**DETAIL "B" - EXPANSION JOINT (FIELD SPLICE SLIP JOINT SIMILAR)**

**ROUND RAILS - TOP RAIL OR HANDRAIL (Top Rail at Expansion Joint Shown)**

**SQUARE RAILS - INTERMEDIATE OR BOTTOM RAIL (Bottom Rail Shown at Expansion Joint Shown)**

**NOTE:** Non-continuous corners are permitted when handrails are not required.

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07/01/15				515-062	2 of 9

**RAILINGS ON STEPS & STAIRS**

**RAILING CONTINUATION BEYOND STEPS OR STAIRS (Bottom shown, Top similar)**

**DETAIL "L" - PLAN VIEW HANDRAIL TERMINATION**

**VIEW J-J DETAIL "J" - ELEVATION VIEW TOP RAIL TERMINATION**

**DETAIL "K" - ELEVATION VIEW BOTTOM RAIL CONNECTION (Intermediate Rail Similar)**

**RAIL TERMINATION DETAILS**

**ELEVATION (At-Grade Steps shown, Elevated Stairs similar)**

**ALTERNATE HANDRAIL END TREATMENT OR MOUNTING LOCATION FOR SLOPED WALLS**

**NOTE:** Not considered an expansion joint for railing fabrication (Typ.)

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11/01/16				515-062	3 of 9

**SECTION A-A (Top Rail Connection)**

**SECTION B-B (Handrail Connection)**

**SECTION C-C (Intermediate Rail Connection)**

**SECTION D-D (Bottom Rail Connection - Single Anchor Bolt Shown)**

**SECTION G-G - BASE PLATE DETAILS**

**LEVELING CHANNEL DETAIL**

**PLATE WASHER DETAIL**

**SHIM PLATE DETAIL**

**DETAIL "A" - RAIL CONNECTIONS (Showing Inside Face of Railing)**

**DETAIL "B" - STIFFENER DETAIL**

**VIEW F-F INTERMEDIATE OR BOTTOM RAIL - ALUMINUM SLEEVE DETAIL (Bottom Side Shown)**

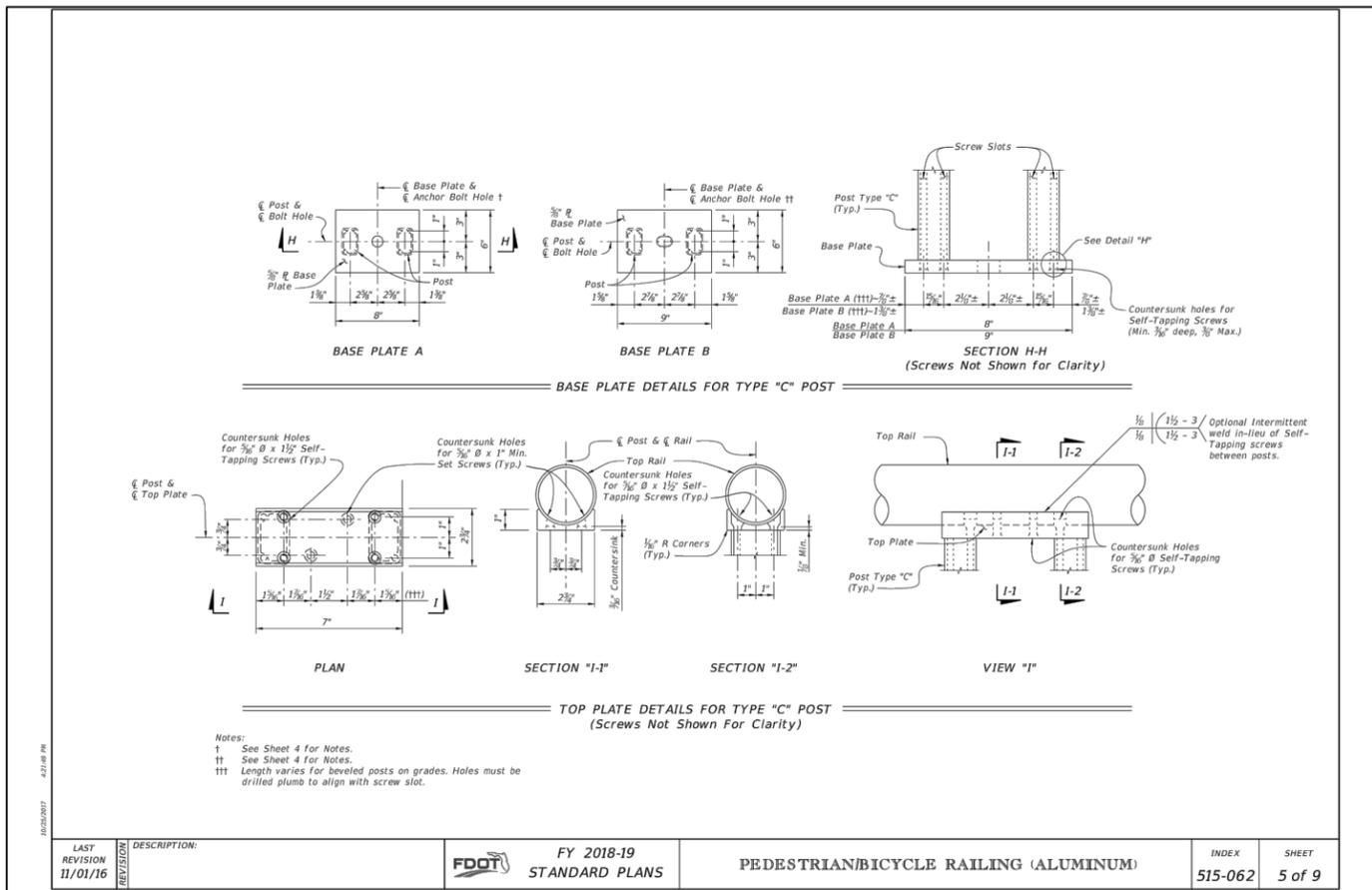
**DETAIL "B" - EXPANSION JOINT (FIELD SPLICE SLIP JOINT SIMILAR)**

**ROUND RAILS - TOP RAIL OR HANDRAIL (Top Rail at Expansion Joint Shown)**

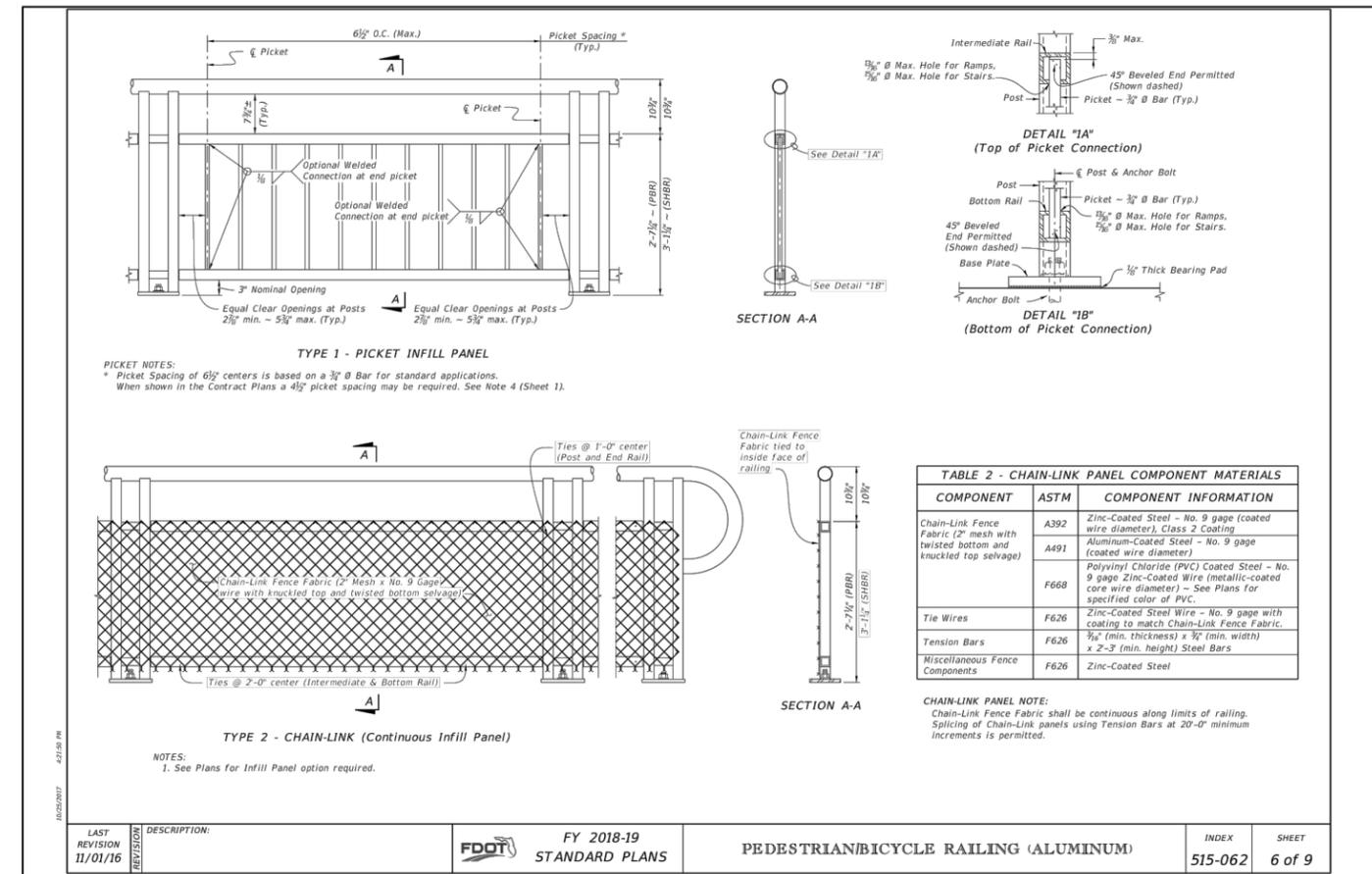
**SQUARE RAILS - INTERMEDIATE OR BOTTOM RAIL (Bottom Rail Shown at Expansion Joint Shown)**

**NOTE:** Embedded length may be 4" for plug welded connection.

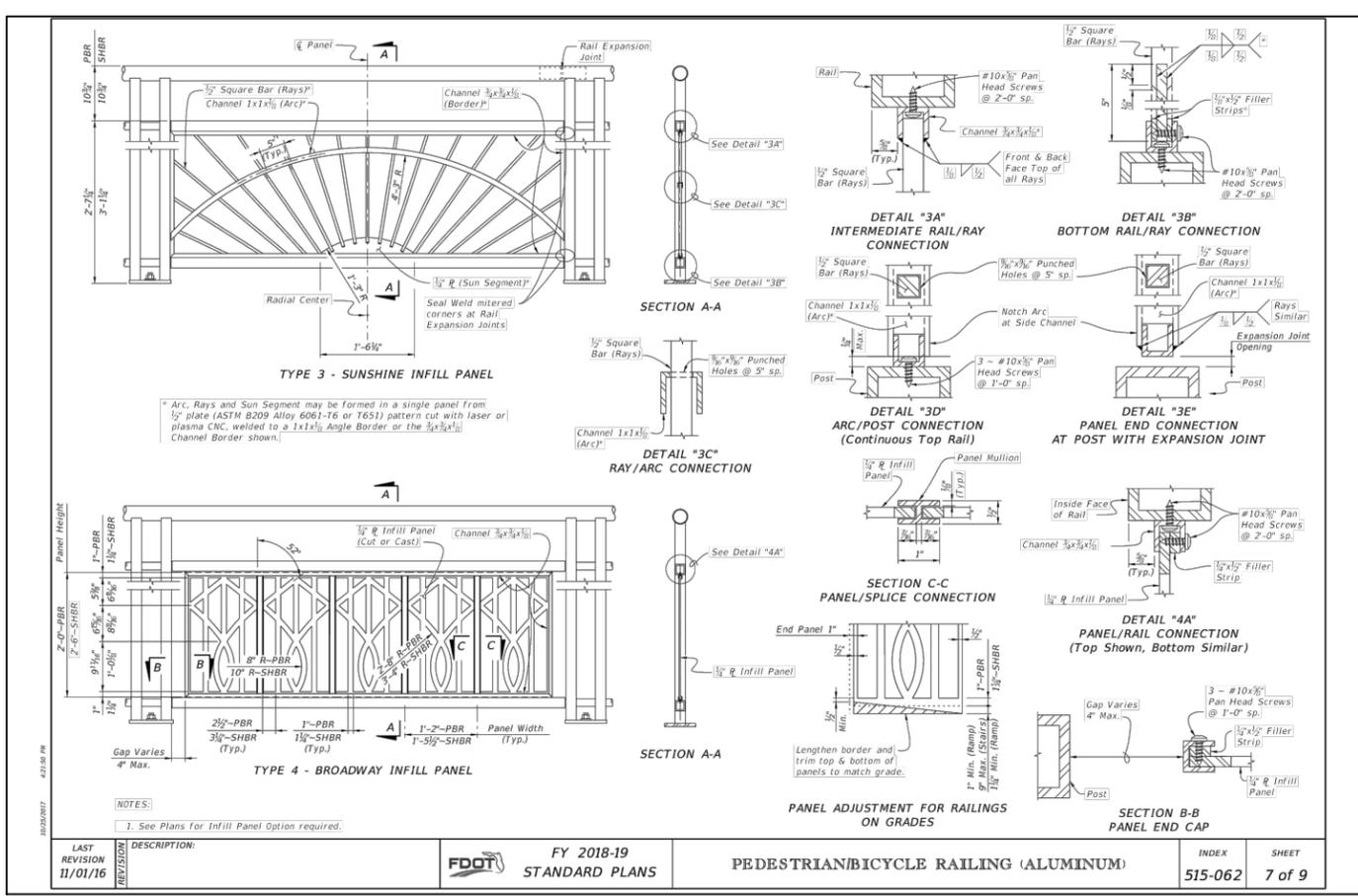
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11/01/16				515-062	4 of 9



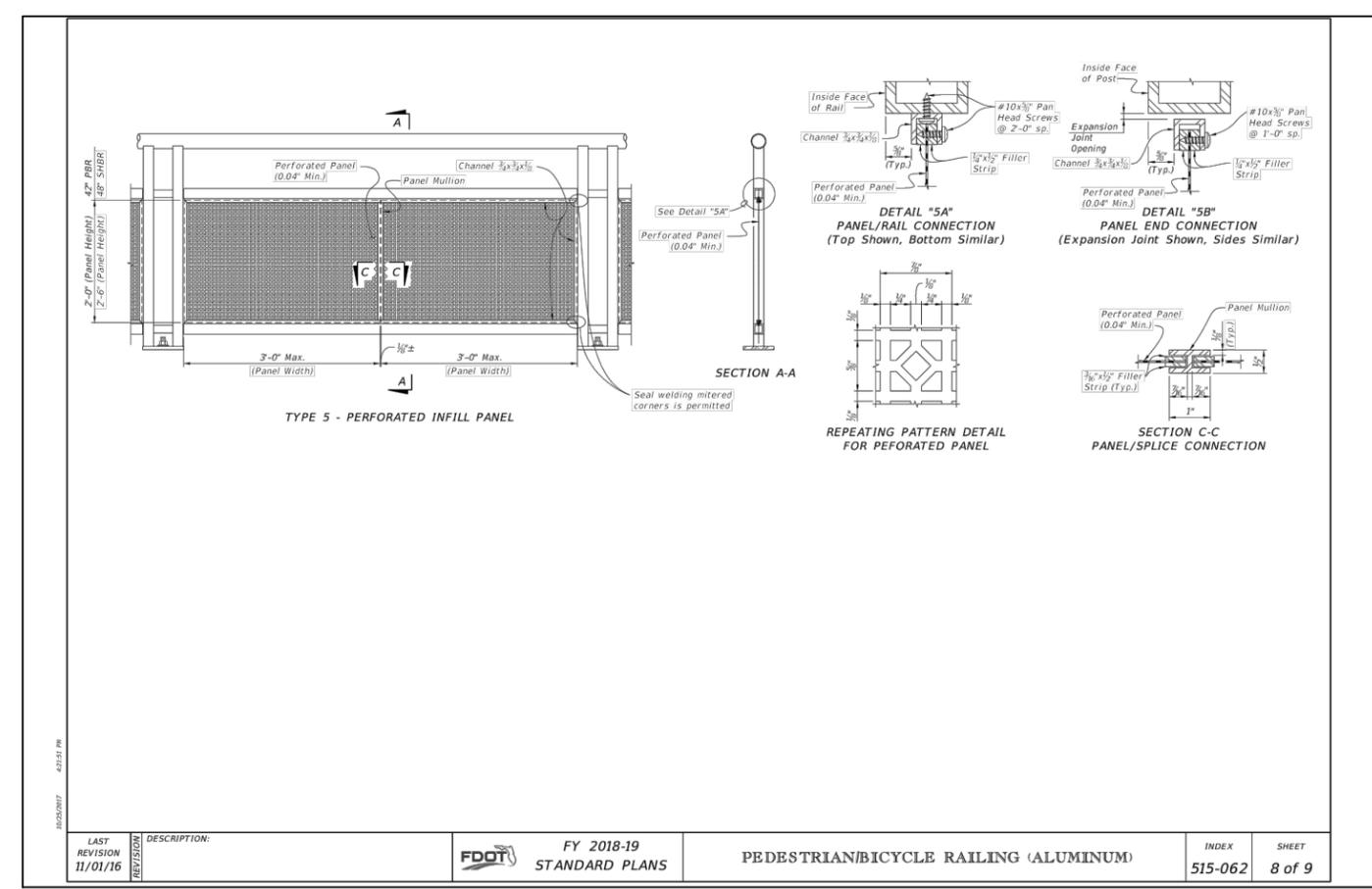
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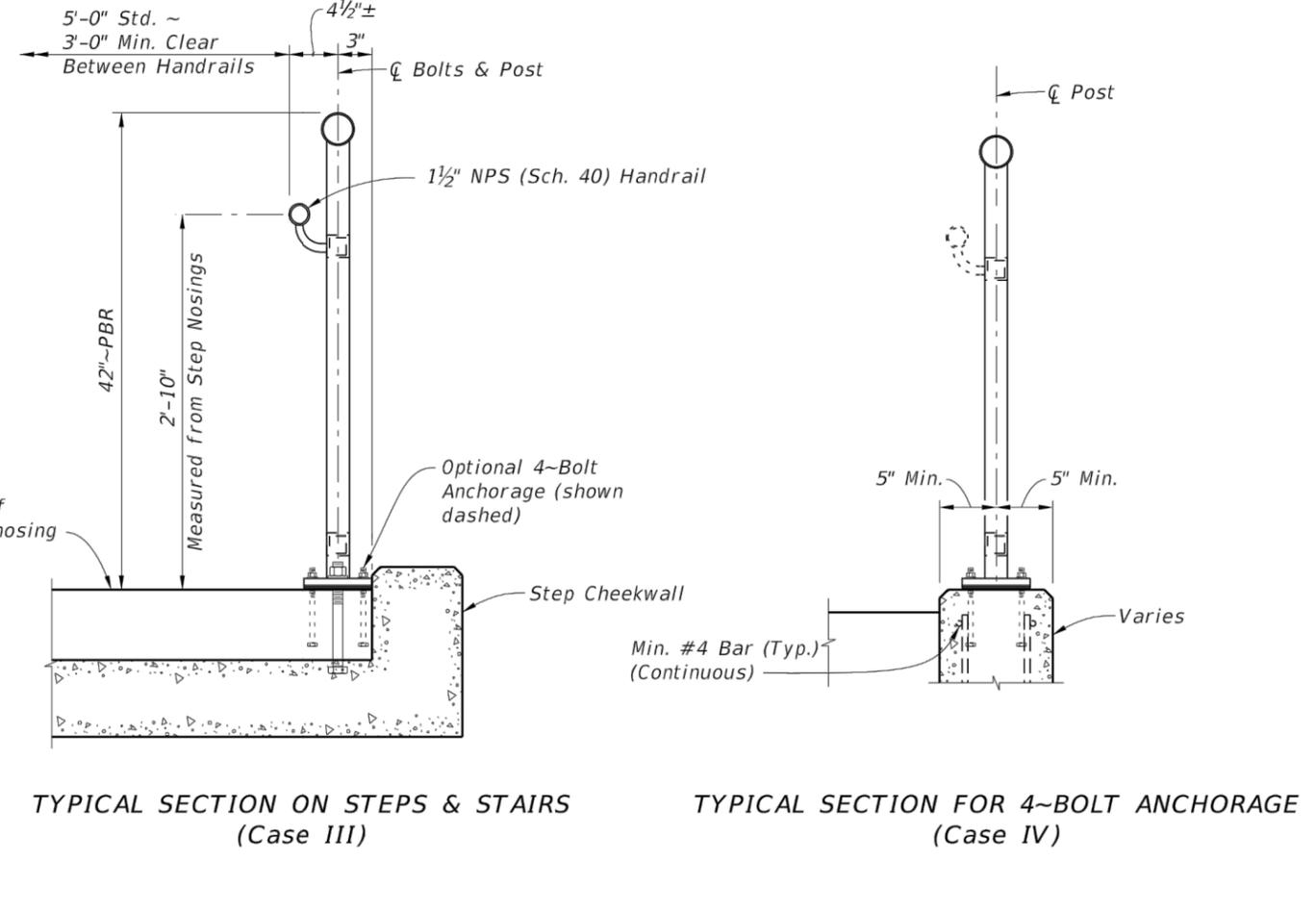
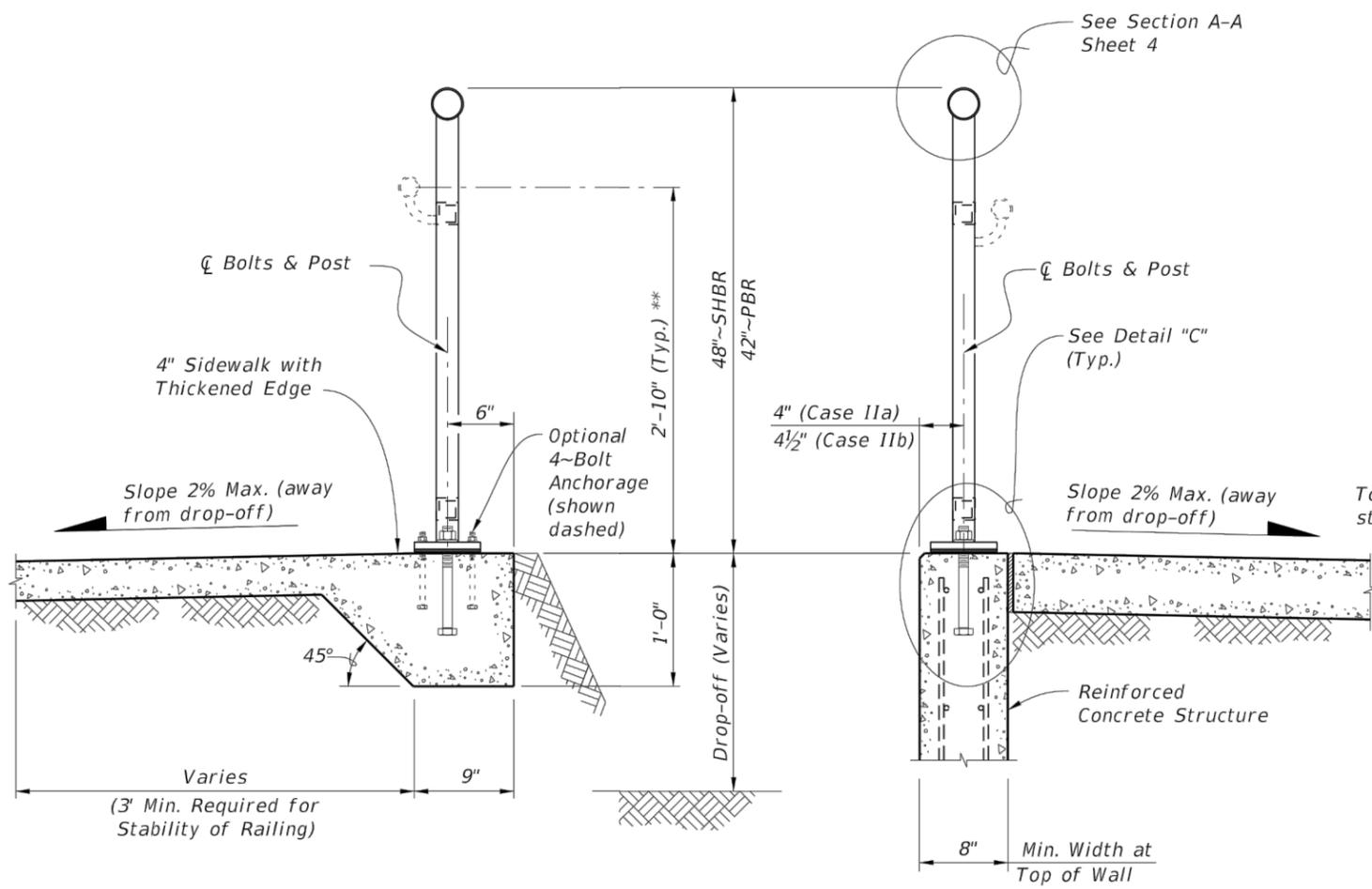
LAST REVISION 11/01/16	DESCRIPTION: FY 2018-19 STANDARD PLANS	FDOT	INDEX 515-062	SHEET 6 of 9
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LAST REVISION 11/01/16	DESCRIPTION: FY 2018-19 STANDARD PLANS	FDOT	INDEX 515-062	SHEET 7 of 9
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LAST REVISION 11/01/16	DESCRIPTION: FY 2018-19 STANDARD PLANS	FDOT	INDEX 515-062	SHEET 8 of 9
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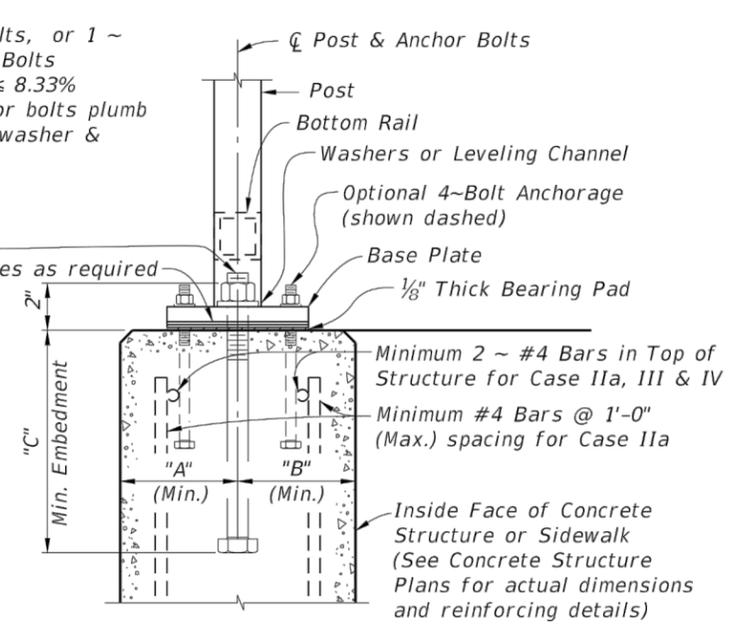
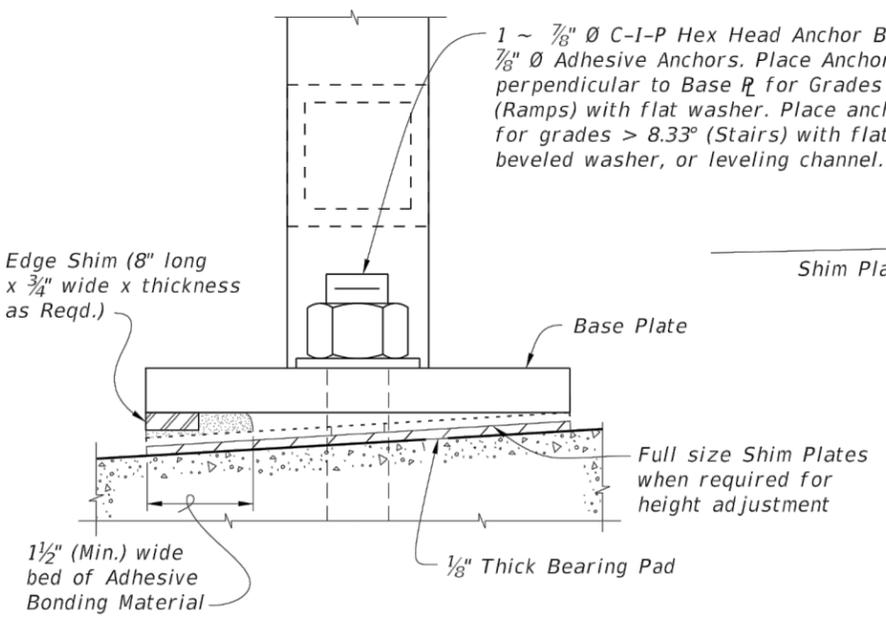


TYPICAL SECTION ON CONCRETE SIDEWALK (Case I)

TYPICAL SECTION ON RETAINING WALL (Case II)

TYPICAL SECTION ON STEPS & STAIRS (Case III)

TYPICAL SECTION FOR 4-BOLT ANCHORAGE (Case IV)



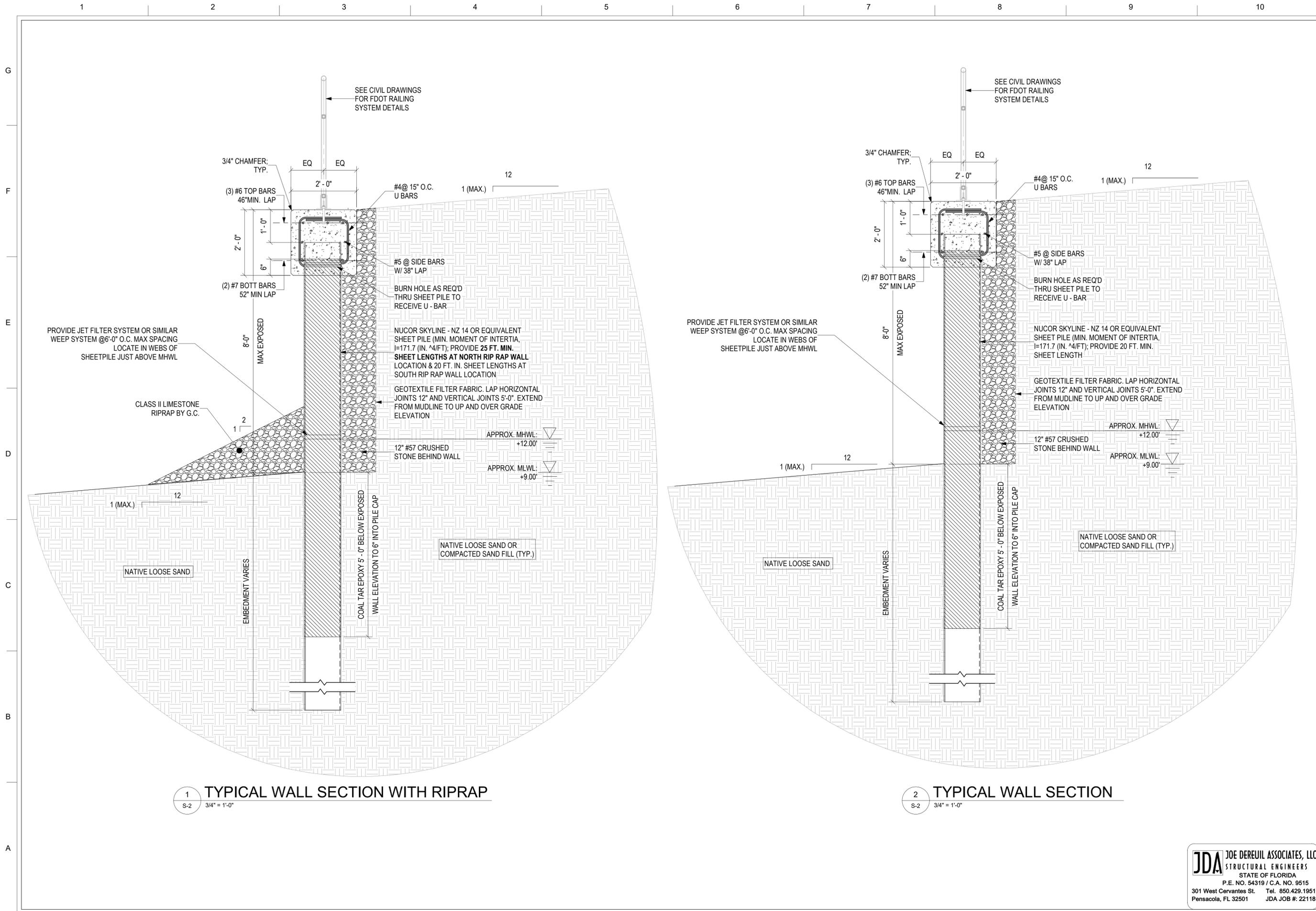
ANCHOR BOLT TABLE							
CASE	STRUCTURE TYPE	DIMENSIONS			ANCHOR LENGTH		ANCHOR SIZE
		"A" Edge Dist.	"B" Edge Dist.	"C" Embedment	C.I.P Hex Head Bolt	Adhesive Anchor	
I	Unreinforced Concrete	6"	1'-2"	9"	10 1/2"	11"	7/8" Ø
IIa	Reinforced Concrete	4"	4"	9"	10 1/2"	11"	7/8" Ø
IIb	Gravity Wall Index 400-011	4 1/2"	3 1/2" @ top	1'-0" *	1'-1 1/2"	1'-2"	7/8" Ø
III	Step Cheekwall	4 1/2"	4 1/2"	9"	10 1/2"	11"	7/8" Ø
IV	Varies	5"	5"	5"	6 1/2"	7"	7/16" Ø

\* Embedment length "C" may be reduced to 9" for the 42" height railings for Case IIb, when the post spacing does not exceed 5'-0".

\*\* When required; measured from top of sidewalk (Typ.)

10/25/2017 4:21:52 PM





1 TYPICAL WALL SECTION WITH RIPRAP  
S-2 3/4" = 1'-0"

2 TYPICAL WALL SECTION  
S-2 3/4" = 1'-0"

**JDA** JOE DEREUIL ASSOCIATES, LLC  
STRUCTURAL ENGINEERS  
STATE OF FLORIDA  
P.E. NO. 54319 / C.A. NO. 9515  
301 West Cervantes St. Tel. 850.429.1951  
Pensacola, FL 32501 JDA JOB #: 22118

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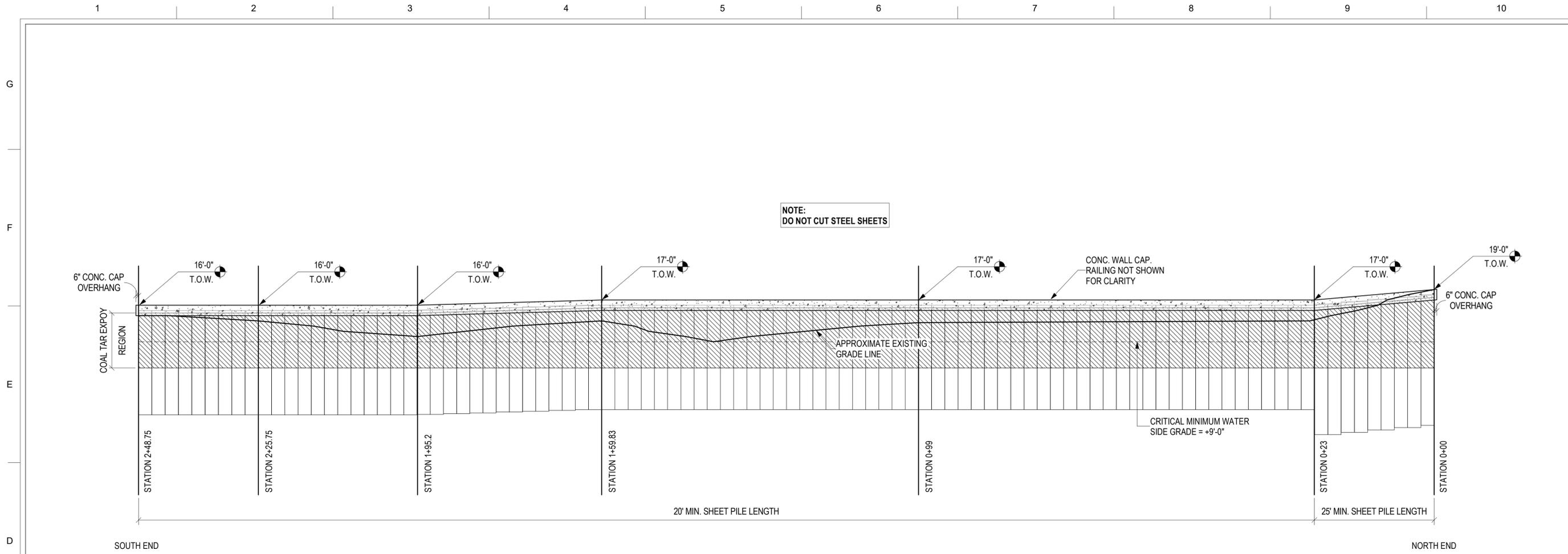
VETERANS PARK DITCH  
SHORING DESIGN AND  
CEI SERVICES  
CHERRY STREET -  
CALLAWAY, FLORIDA

NO.	DATE	APPR.	REVISION / ACTION TAKEN

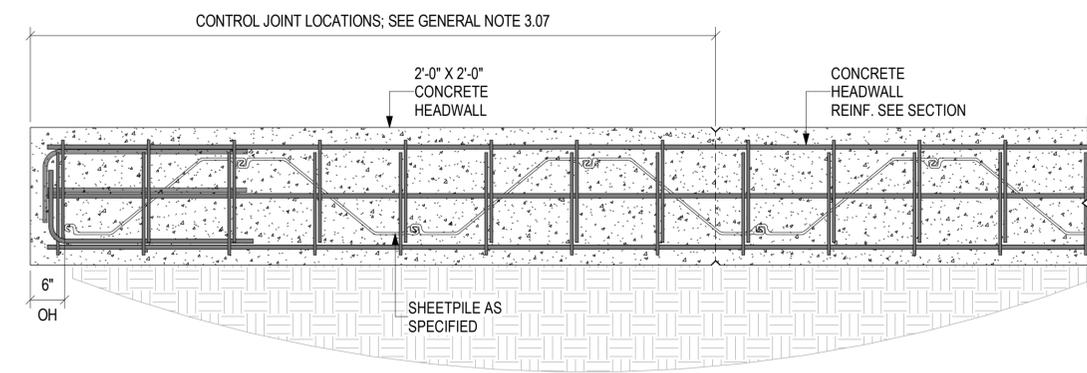
PROJECT NO: 27660.01  
DESIGNED BY: JES  
DRAWN BY: JES  
CHKD BY: JLM  
PROJ. MGR: JLM  
DATE: AUGUST 2022

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BY: JES DATE: 8/22

**S-2**

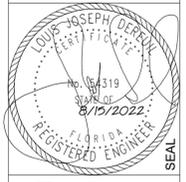


**1 UNFOLDED WALL ELEVATION**  
(LOOKING WESTERLY)  
1" = 10'-0"



**2 STEEL SHEET PILE PLAN**  
3/4" = 1'-0"

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ENR. REG. NO. 12583  
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**VETERANS PARK DITCH SHORING DESIGN AND SHORING SERVICES**  
CEI SERVICES  
CHERRY STREET - CALLAWAY, FLORIDA

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PROJECT NO:	27660.01
DESIGNED BY:	JES
DRAWN BY:	JES
CHKD BY:	JLM
PROJ. MGR:	JLM
DATE:	AUGUST 2022

**JDA** JOE DEREUIL ASSOCIATES, LLC  
STRUCTURAL ENGINEERS  
STATE OF FLORIDA  
P.E. NO. 54319 / C.A. NO. 9515  
301 West Cervantes St. Tel. 850.429.1951  
Pensacola, FL 32501 JDA JOB #: 22118

**WALL ELEVATION**

**S-3**