



**CITY OF CALLAWAY  
VETERANS PARK DITCH SHORING  
BID NO.: PW2022-17**

**ADDENDUM #3**

Date Issued: December 16, 2022

This addendum is being released to address the following questions:


1. Bid Item 18 is "Structural Load Test". What is this specifically for? Please provide clarification and requirements.

**A. This Item has been removed per the attached updated Bid Certification Form**

2. Sheet C-102 shows a hatched-out area in the ditch labeled "Clear and dredge to restore streambed". What is the finished depth to be dredged? How much material is to be removed? Which bid item is for this? We cannot provide pricing without some defined dimensions/quantities.

**A. Please see attached updated Plans. (Downloadable separately from the website.)**

**NOTE:** We took out some language re: dredging of the creek sediment (no longer needed since the city already addressed it) and changed the pedestrian hand railing infill pattern due to the original pattern being hard to find and more expensive. The new "sunshine" pattern will match those at the Berthe Bridge and Cherry Street when completed.

  
Janice L. Peters, City Clerk

This Addendum must be acknowledged and included with the bid packet submission.

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Company Name

\_\_\_\_\_  
Date

**UPDATED BID CERTIFICATION  
VETERANS PARK DITCH SHORING**

**BID PW2022-17**

ITEM	DESCRIPTION	QTY	UNIT	UNIT PRICE	AMOUNT
1	FLOATING TURBIDITY BARRIER	70	LF		
2	SILT FENCE (INCLUDES REMOVAL)	280	LF		
3	CLEARING AND GRUBBING	0.15	AC		
4	DEMOLITION (FLUMES, DROP INLETS)	1	LS		
5	REGULAR EXCAVATION	600	CY		
6	EMBANKMENT/FILL	1200	CY		
7	DEWATERING	2	MO		
8	2'x2' REINF. CONCRETE CAP	37	CY		
9	COATED STEEL SHEET PILE	5,075	SF		
10	#57 STONE	100	CY		
11	FILTER FABRIC	570	SY		
12	12" ADS INLINE DRAIN SYSTEM	1	LS		
13	PEDESTRIAN GUARDRAIL (ALUMINUM)	250	LF		
14	RIPRAP, BANK AND SHORE	250	TN		
15	SIGNAGE	1	LS		
16	SOD (MATCH EXISTING)	500	SY		
17	ASPHALT (FOR WALKING PATH)	20	SY		
<b>18</b>	<b>STRUCTURAL LOAD TEST</b>	<b>2</b>	<b>EA</b>		
<b>SUBTOTAL</b>					
<b>BONDS AND INSURANCE (2%)</b>					
<b>MOBILIZATION AND GENERAL CONDITIONS (MAXIMUM 5%)</b>					
<b>GRAND SUBTOTALS</b>					
<b>CONTINGENCY @ 25%</b>					
<b>TOTAL BID SUBMISSION</b>					<b>\$</b>

# CONSTRUCTION PLANS FOR VETERANS PARK RETAINING WALL

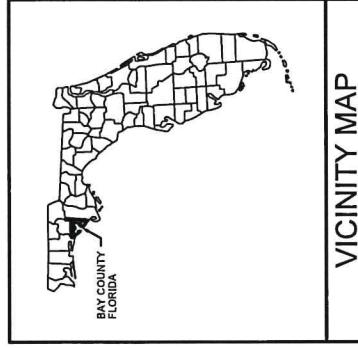
Digitally signed by  
Jeffrey C Petermann  
Date: 2022.12.16  
10:43:38-06'00'



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



LOCATION MAP



VICINITY MAP

48 HOURS BEFORE YOU DIG  
CALL SUNSHINE  
1-800-4-32-4770  
IT'S THE LAW IN FLORIDA  
TO OBTAIN PERMITS FOR ANY  
MIN. OF 2 DAYS AND MAX. OF 5 DAYS  
NOTICE BEFORE YOU EXCAVATE.

## DECEMBER 2022

PREPARED FOR:  
CITY OF CALLAWAY



CITY OF CALLAWAY  
CITY COMMISSION

PAM 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:

**Baskerville-Donovan, Inc.**  
ENGINEERING THE SOUTH SINCE 1927  
14101 PANAMA CITY BEACH PARKWAY, SUITE 110,  
PANAMA CITY BEACH, FL 32413 (850) 238-6150  
ENGINEERING BUSINESS: EB-0000340  
PENSACOLA • PANAMA CITY BEACH • TALLAHASSEE • MOBILE

ENGINEER'S PROJECT NO. 27660.01

### SHEET INDEX

- C-000 COVER SHEET
- C-001 GENERAL NOTES
- C-100 CONTROL PLAN
- C-101 EXISTING CONDITIONS & EROSION CONTROL PLAN
- C-102 DEMOLITION PLAN
- C-103 IMPROVEMENTS PLAN
- C-900 DETAILS
- C-901 DETAILS
- C-902 FDOT DETAILS
- C-903 FDOT DETAILS
- S-1 SITE WALL PLAN & GENERAL NOTES
- S-2 WALL PLAN & SECTION
- S-3 WALL ELEVATION

**GENERAL NOTES:**

1. THE CONTRACTOR 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 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 WATER MANAGEMENT DISTRICTS EROSION CONTROL PLAN. ALL EROSION CONTROL MEASURES SHALL BE MAINTAINED AS LONG AS 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 CONTRACTOR'S RESPONSIBILITY TO PRESERVE OR RELOCATE ALL BENCHMARKS (VERTICAL CONTROL) AS NEEDED FOR THE PROJECT. ANY BENCHMARKS IN DANGER OF BEING DESTROYED AND HAS NOT BEEN PROPERLY REEVALUATED, THE CONTRACTOR SHALL NOTIFY THE ENGINEER OR DESIGNEE IMMEDIATELY. ANY BAY COUNTY/CITY MARY/GPS NETWORK MONUMENTS OR BUREAU OF SURVEY AND MAPPING GPS NETWORK MONUMENTS WITHIN THE LIMITS OF CONSTRUCTION SHALL BE PROTECTED OR RELOCATED. 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 SAND 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 SIKING AND PAVEMENT MARKINGS. ALL SIKING AND PAVEMENT MARKINGS SHALL BE PLACED IN ACCORDANCE WITH THE LATEST FOOT DESIGN STANDARDS. THE CONTRACTOR SHALL CONTACT THE CITY TRAFFIC DEPARTMENT PRIOR TO INSTALLATION OF ANY SIKING 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 PRESS 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 RECORD DRAWINGS, DRAINAGE RECORDS, AND ALL RECORDS TO REMAIN ALL RECORDS ON THE SITE. IMPROPER SEGMENT CONTROL MEASURE MAY RESULT IN CODE ENFORCEMENT VIOLATION.
19. ALL DISTURBED AREAS WHICH ARE NOT PAVED SHALL BE STABILIZED WITH STAKED SOO. UNLESS NOTED OTHERWISE.
20. CONTRACTOR SHALL MAINTAIN RECORD DRAWINGS DURING CONSTRUCTION WHICH SHOW "AS-BUILT" CONDITIONS OF ALL WORK INCLUDING PAVING, DRAINAGE RECORDS, AND ALL RECORDS TO REMAIN. 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 TO REQUESTING A FINAL INSPECTION.
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, SIGNAGE AND OTHER TRAFFIC CONTROL DEVICES SHALL BE PROVIDED IN ACCORDANCE WITH FOOT 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 ALL FENCES, SPRINKLER SYSTEMS, TREES AND SHRUBS, OTHER BEDS, OR OTHER EXISTING CONDITIONS IMPACTED DURING CONSTRUCTION, WHETHER DEPARTED 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. CROSWSALK 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, ASIAL LINES, BURIED CABLE AND OTHER UTILITIES.

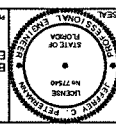
33. THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY OF ANY CONFLICTS BETWEEN CONTRACT DOCUMENTS AND EXISTING CONDITIONS. STRUCTURES AND UTILITIES ABOVE OR BELOW GROUND MAY BE ENCOUNTERED DURING THE COURSE OF THE PROJECT. THE CONTRACTOR SHOULD NOTIFY THE UTILITY, THEN THE ENGINEER, IMMEDIATELY UPON 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 CUT WITH A LIMIT DUST.
  35. ALL TREES IN THE PROJECT AREA ARE TO REMAIN UNHARMED 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 FOR FOOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION 2017-2018. NO RELEASE AGENT SHOULD BE POURED ONTO SOILS OVER ASPHALT SURFACES.
  37. NOTIFY SANITARY 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. 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 PEDESTRIAN/BICYCLE RAILING INDEX 515-082 (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 FOOT 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 FOOT 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. THAT 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. BETHUNE AVE. CALLAWAY FL 32404	DAVID KUBAN	850-871-1033
SEWER - CITY OF CALLAWAY	324 S. BETHUNE AVE. CALLAWAY FL 32404	BILL RITE	850-871-7232
COMCAST	4001 W. 23RD ST. SUITE A, PANAMA CITY, FL 32403	JEFFREY SMITH	850-770-8056
GULF POWER	12425 HATHORNSHORN BLVD, PANAMA CITY BEACH, FL 32407	SANDRA PERRY	850-872-3315
AT&T DISTRIBUTION	-	A. J. RUDOLPH	850-432-1488
TECO	3708 W. 23RD ST., PANAMA CITY, FL 32405	MIKE MCQUIRE	850-314-8104

**STORMWATER NOTES:**

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

G 1 2 3 4 5 6 7 8 9 10



**BASKERVILLE-DONOVAN, INC.**  
ENGINEERING & SURVEYING  
1000 PANAMA CITY BEACH BLVD. SUITE 200  
PANAMA CITY BEACH, FL 32413  
PH: 904-239-3300 FAX: 904-239-3301  
WWW.BASKERVILLE-DO.COM

**VETERANS PARK**  
RETAINING WALL

NO.	DATE	APPR.	REVISION / ACTION TAKEN

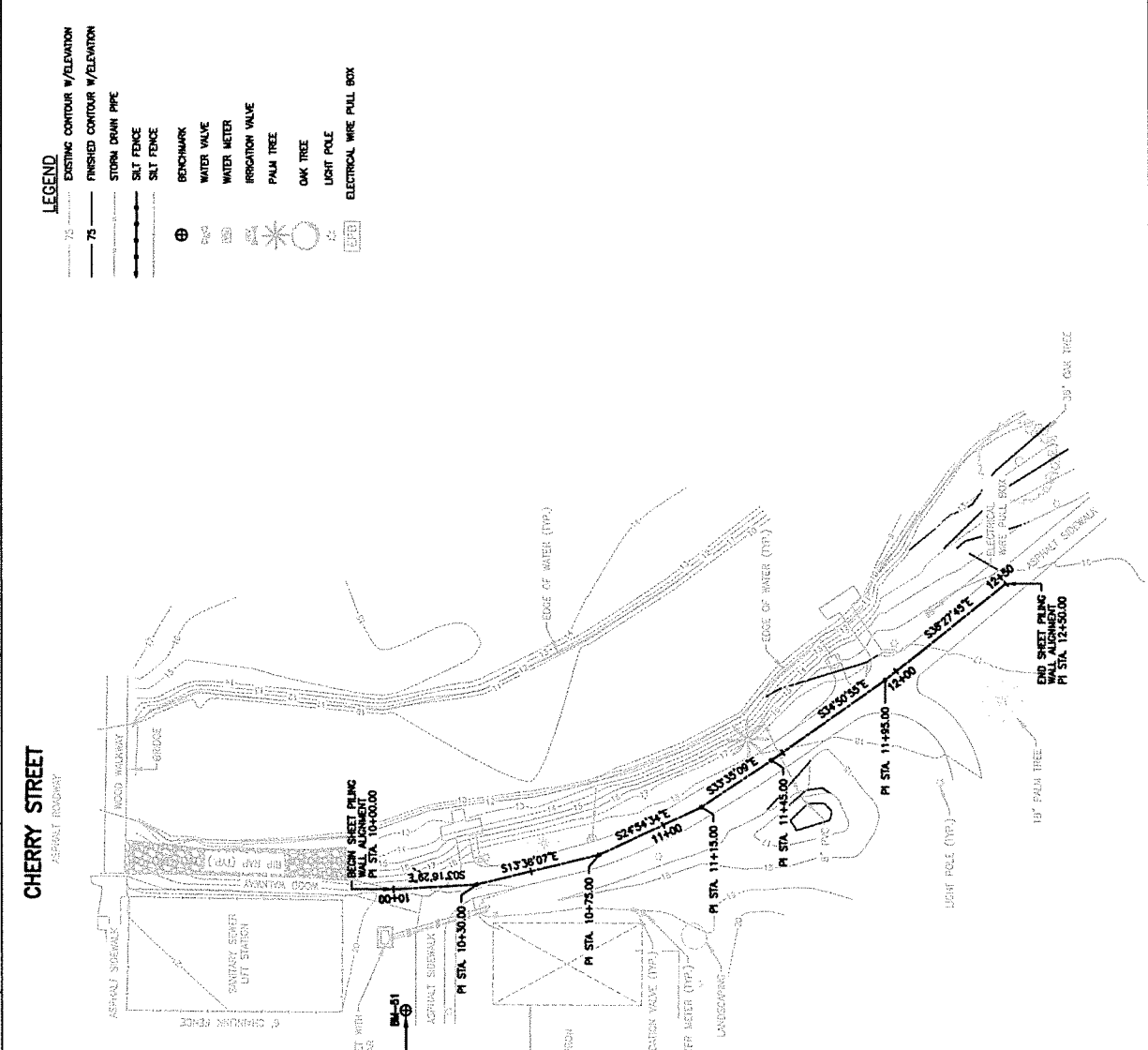
RELEASED FOR  
BID  
DATE: 12/22/22  
BY: JCP

PROJECT NO.  
27860.01  
DESIGNED BY: JCP  
DRAWN BY: TLM  
CHECKED BY: JCP  
DATE: DECEMBER 2022

GENERAL NOTES

G-001

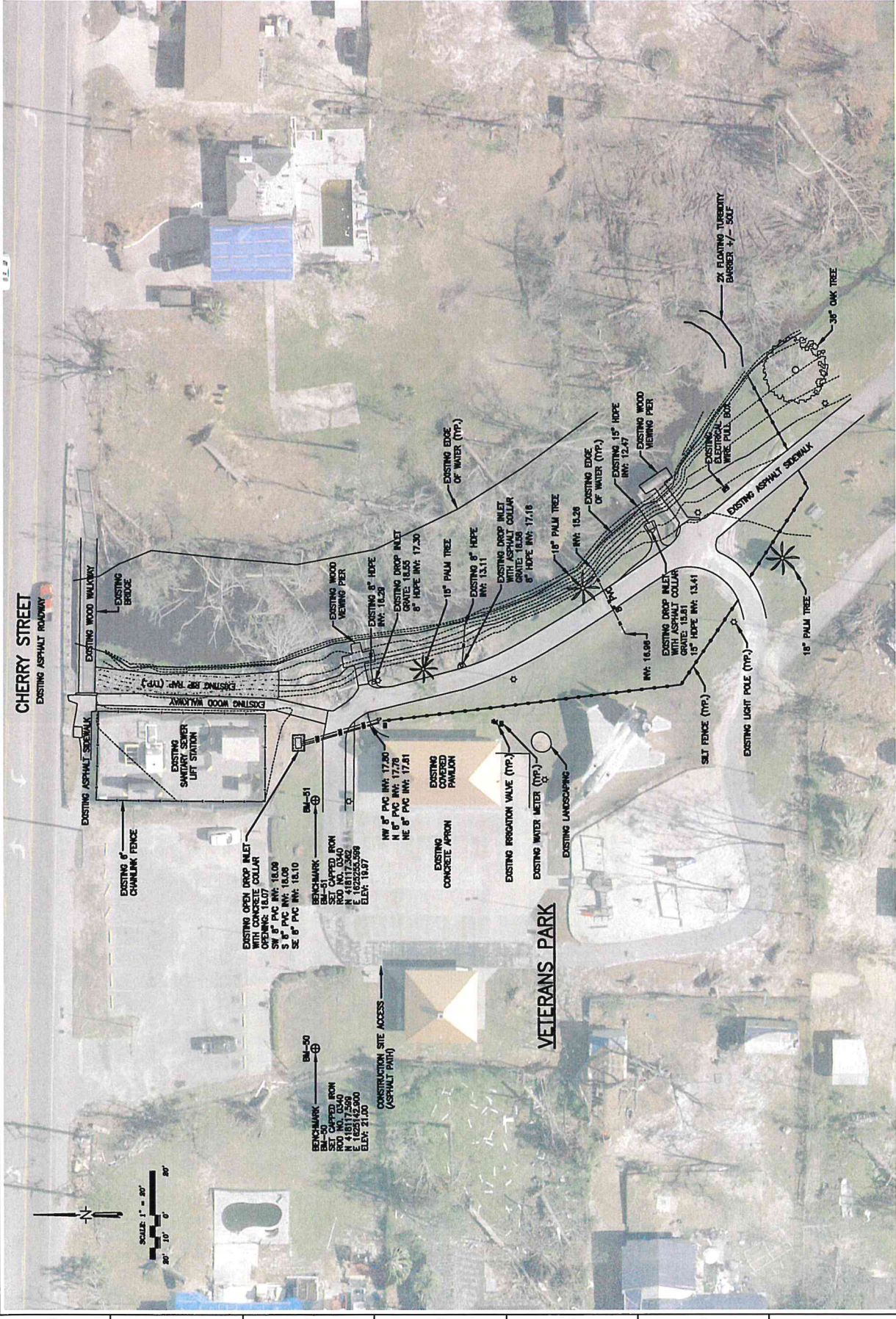
**RELEASING AGENCY:** BASKERVILLE-DONOVAN, INC. ENGINEERING THE SOUTH SINCE 1927  
**STATE OF TEXAS:** PROFESSIONAL ENGINEER  
**PROJ. NO.:** 27560.01  
**DATE:** DECEMBER 2022  
**BY:** JCP  
**DATE:** 12/22  
**REVISION / ACTION TAKEN:**



**VETERANS PARK SHEET PILING WALL ALIGNMENT DATA TABLE**

STATION	NORTHING	EASTING	DESCRIPTION
10+00.00	418121.65	1625296.61	BEGN ALIGNMENT
10+30.00	418091.70	1625300.32	PI STATION (S0371678°E / S1373670°E)
10+75.00	418047.96	1625310.91	PI STATION (S2475473°E / S2475473°E)
11+15.00	418011.89	1625327.76	PI STATION (S2475473°E / S2475473°E)
11+45.00	417986.69	1625344.35	PI STATION (S3373509°E / S3475075°E)
11+85.00	417945.66	1625372.92	PI STATION (S3475075°E / S3475075°E)
12+50.00	417902.60	1625407.13	END ALIGNMENT

	<b>BASKERVILLE-DONOVAN, INC.</b> ENGINEERING THE SOUTH SINCE 1921 11410 PHOENIX COURT, SUITE 100 PALM BEACH, FL 33413 (888) 204-1188 PHOENIX - PHOENIX OFFICE - TAMPA - TAMPA OFFICE	<b>RETAINING WALL</b>	
		VETERANS PARK	
NO. _____ DATE _____ REVISION / ACTION TAKEN	PROJECT NO: 27660.01 DESIGNED BY: JCP DRAWN BY: TM CHECKED BY: CM DATE: DECEMBER 2022	BY: JCP DATE: 12/22 RELEASED FOR: BID	EXISTING EROSION CONTROLS & PLAN C-101



100% SUBMITTAL

I:\226 City of Calaway\27660.01 Veterans Park Sheet Plina\2020 Drawings (Dregs and Dregs)\C-101 - Existing Conditions -w.Astrol.dwg, Dec 14, 2022 - 9:32:28AM, tmcrcnts

DEMOLITION PLAN

PROJECT NO: 27660.01  
 DATE: DECEMBER 2022  
 PREPARED BY: JCP  
 CHECKED BY: TM  
 DESIGNED BY: JCP  
 DRAWN BY: JCP  
 THIS DRAWING IS THE PROPERTY OF BASKERVILLE-DONOVAN, INC. and it and its reproduction or use on any other project shall be limited to the project and site as indicated on this drawing. It shall not be used for any other project without the written consent of Baskerville-Donovan, Inc.

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 BY: JCP DATE: 12/22

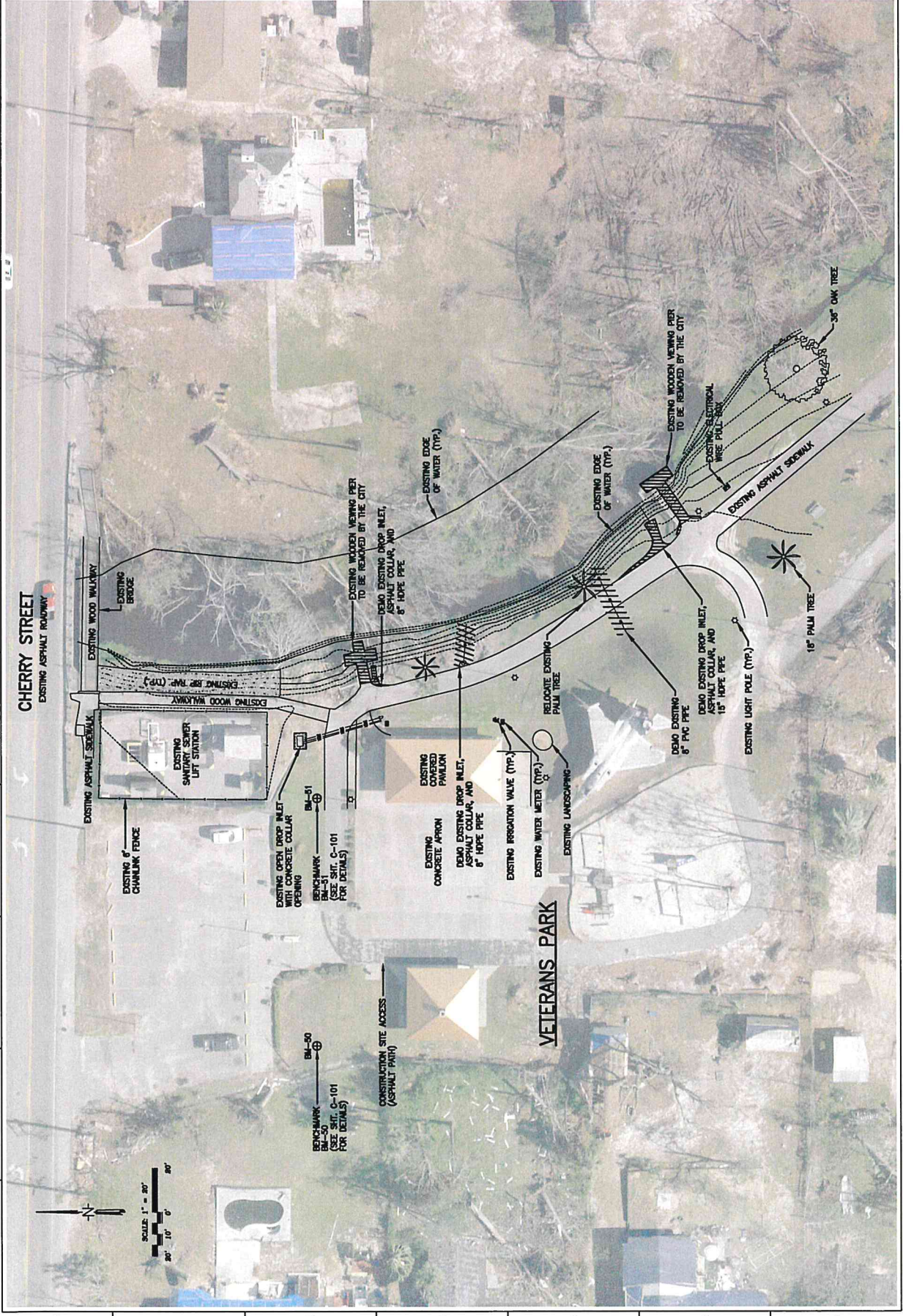
NO.	DATE	APPR.	REVISION / ACTION TAKEN

VETERANS PARK  
 RETAINING WALL

BASKERVILLE-DONOVAN, INC.  
 ENGINEERING THE SOUTH SINCE 1921  
 1110 W. PALM CTR. SUITE 100  
 TAMPA, FL 33610  
 P. 813.283.1100  
 F. 813.283.1100  
 WWW.BASKERVILLE-DO.COM

STATE OF FLORIDA  
 PROFESSIONAL ENGINEER  
 LICENSE NO. 77960  
 JERRY C. BASKERVILLE  
 PE

STATE OF FLORIDA  
 PROFESSIONAL LANDSCAPE ARCHITECT  
 LICENSE NO. 12413  
 TERRY M. DONOVAN  
 PLANS  
 1110 W. PALM CTR. SUITE 100  
 TAMPA, FL 33610  
 P. 813.283.1100  
 F. 813.283.1100  
 WWW.BASKERVILLE-DO.COM

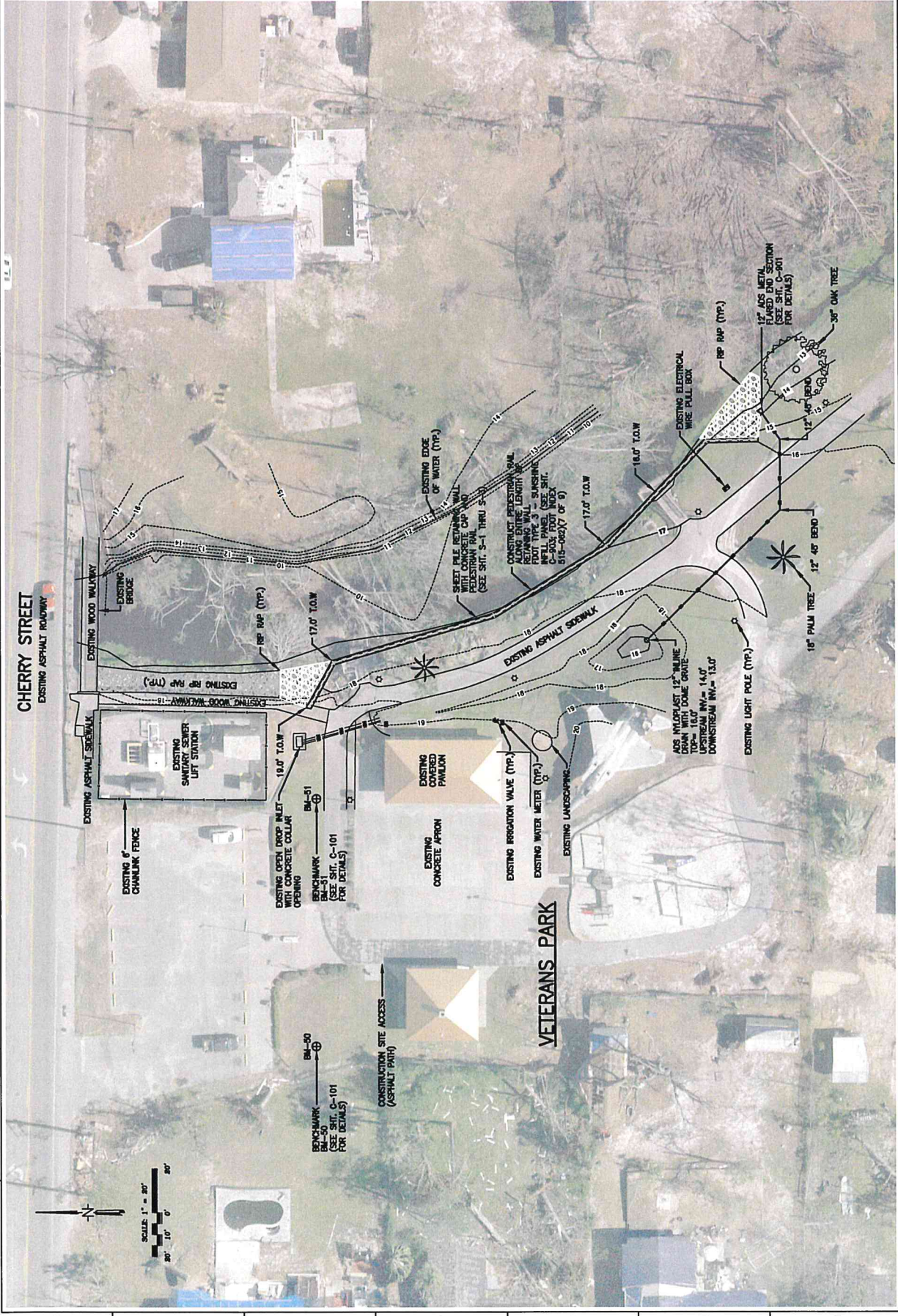


SCALE: 1" = 20'  
 20' 10' 0'



1 2 3 4 5 6 7 8 9 10

		<b>BASKERVILLE-DONOVAN, INC.</b> ENGINEERING THE SOUTH SINCE 1927 14101 PHOENIX CITY BLVD. SUITE 100 PHOENIX, ARIZONA 85028 PHONE: (602) 998-1100 FAX: (602) 998-1101 WWW.BDINC.COM	
<b>REPAIRS TO</b> <b>RETAINING WALL</b>		<b>IMPROVEMENTS PLAN</b>	
PROJECT NO. 27660.01 DESIGNED BY: JCP DRAWN BY: TM CHECKED BY: JCP DATE: DECEMBER 2022		RELEASED FOR BID BY: JCP DATE: 12/22	
NO. DATE APRR. REVISION / ACTION TAKEN		PROJECT NO. 27660.01 DESIGNED BY: JCP DRAWN BY: TM CHECKED BY: JCP DATE: DECEMBER 2022	



SCALE: 1" = 20'  
 20' 10' 0' 20'

CHERRY STREET  
 EXISTING ASPHALT ROADWAY

VETERANS PARK

CONSTRUCTION SITE ACCESS (ASPHALT PATH)

BENCHMARK BM-50  
 BENCHMARK BM-51  
 BENCHMARK BM-52  
 SEE SHEET C-101 FOR DETAILS


BENCHMARK BM-50  
 BENCHMARK BM-51  
 BENCHMARK BM-52  
 SEE SHEET C-101 FOR DETAILS

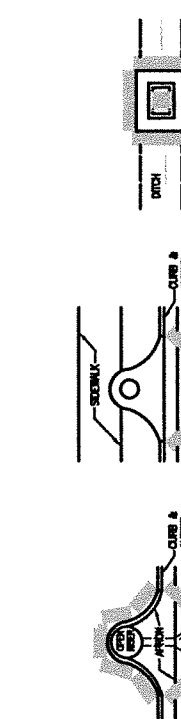
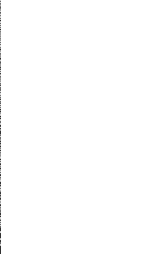
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10 9 8 7 6 5 4 3 2 1

		<b>VETERANS PARK</b> RETAINING WALL	
PROJECT NO.	27660.01	DATE	12/22
DESIGNED BY	JCP	CHECKED BY	JCP
DRAWN BY	TM	DATE	12/22
PROJ. NO.	27660.01	DATE	12/22
RELEASED FOR	BID	BY	JCP



**PROTECTION AROUND INLETS OR SIMILAR STRUCTURES**  
NOT TO SCALE

ANCHOR BALKS WITH 3" x 3" x 1/2" STUDS PER BALK

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

WRAP FILTER FABRIC BACK FOR ENTIRE PERIMETER

1/4" (TYP.)

EXISTING OR FINISH GRADE (TYP.)

HAND DUMPABLE GALLON SIZE ROCK OR CONCRETE RUBBLE FREE OF RESIN

TURN FILTER FABRIC UP 6" AT EDGE OF RIP RAP (TYP.)

FILTER FABRIC CONTINUOUS (SEE TECHNICAL SPECIFICATIONS)

ASPHALT (1/2" MIN. THICK) ON TOP OF FILTER FABRIC PRIOR TO INSTALLATION OF RUBBLE RIP RAP (TYP.)

**TYPE III SILT FENCE DETAIL**  
NOT TO SCALE

**POST OPTIONS:**  
6" ON CENTER (MAX.) SOFTWOOD 2" x 4" HARDWOOD 1 1/2" x 1 1/2" STEEL 1.33 LB/SP (NO TOP HOLE NOTED) - EXISTING GRADE

**SILT FENCE LAYOUT:**  
5'-0" ON HORZ  
12"  
15"  
12"  
6"  
FLOW

**SILT FENCE LAYOUT:**  
STANDARD ANY INLETS TO BE USED AS NECESSARY TO PROVIDE ADEQUATE DIVERSION ON AS DIRECTED BY ENGINEER.

**SILT FENCE LAYOUT:**  
SILT FABRIC TO BE PLACED ALONG EXISTING FLOW LINE.  
SILT FABRIC TO BE PLACED IN 6" DEEP CONTINUOUS TRENCH, THEN BACKFILLED WITH SAND OR GRAVEL.  
SILT FABRIC TO BE INSTALLED PRIOR TO COMMENCEMENT OF ANY CONSTRUCTION ACTIVITIES. SILT FABRIC TO REMAIN UNTIL 100% PROJECT DRAINAGE (STABILIZATION) IS ACHIEVED.  
SILT FABRIC TO BE REMOVED AS LONG AS THEY MEET OR EXCEED FOOT SPECIFICATIONS.

2" TYPE SP 1/2S ASPHALT  
SURFACE REPLACEMENT  
EXIST. ASPHALT  
12"

6" MIN. GRADED AGGREGATE  
6" STABILIZED SUBGRADE  
SPRINKLING OF PIPE  
8"

1/4" SAND OR GRANULAR MATERIAL  
8" PIPE BEDDING COMPACTED CLASS II  
8" LAGERS TO GUE FOOT ABOVE PIPE  
HAND PLACED AND MECHANICAL COMPACTED PROCTOR DENSITY ASTM 1507.

COMPACTED FILL USE OF MOISTURE PROCTOR DENSITY ASTM 1507.

CONCRETE BASE LAYER SHALL BE CONCRETED TO 100% MOISTURE PROCTOR DENSITY ASTM 1507. BASE LAYER SHALL BE PLACED IN MAXIMUM 6-INCH THICK LIFTS.

**POST OPTIONS:**  
6" ON CENTER (MAX.) SOFTWOOD 2" x 4" HARDWOOD 1 1/2" x 1 1/2" STEEL 1.33 LB/SP (NO TOP HOLE NOTED) - EXISTING GRADE

**SILT FENCE LAYOUT:**  
5'-0" ON HORZ  
12"  
15"  
12"  
6"  
FLOW

**SILT FENCE LAYOUT:**  
STANDARD ANY INLETS TO BE USED AS NECESSARY TO PROVIDE ADEQUATE DIVERSION ON AS DIRECTED BY ENGINEER.

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SILT FABRIC TO BE REMOVED AS LONG AS THEY MEET OR EXCEED FOOT SPECIFICATIONS.

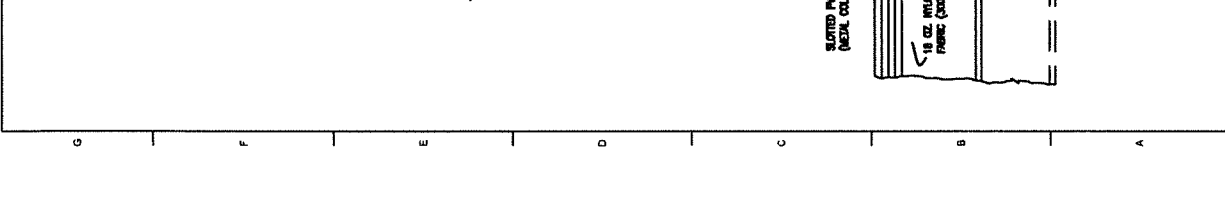
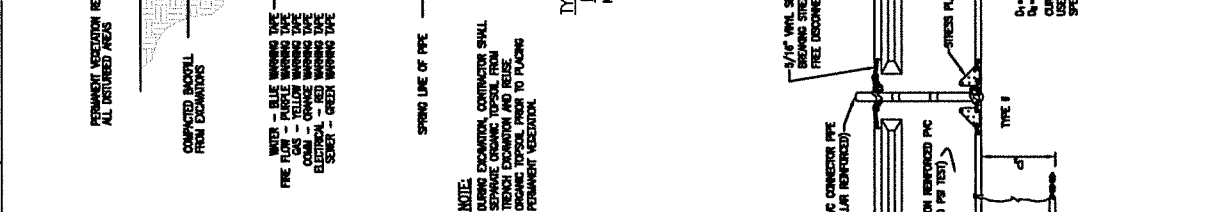
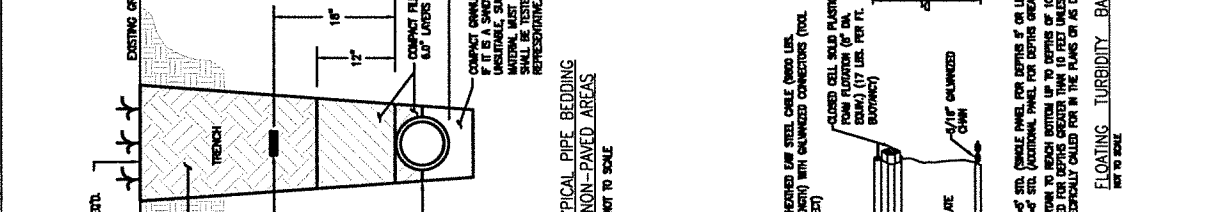
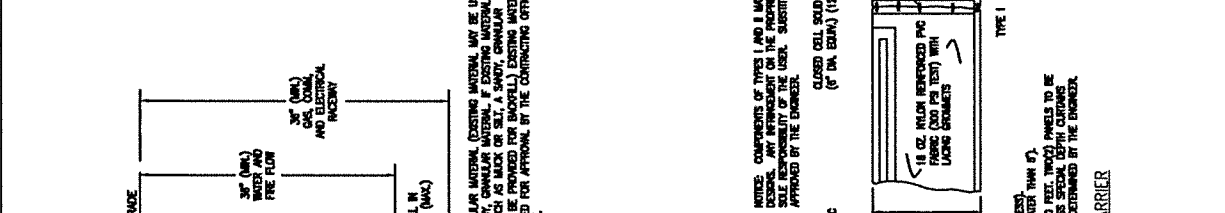
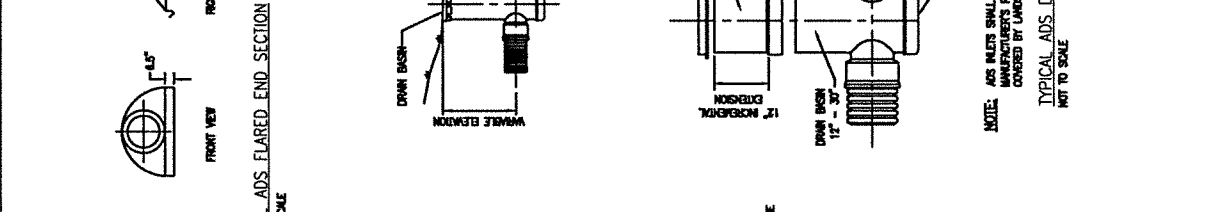
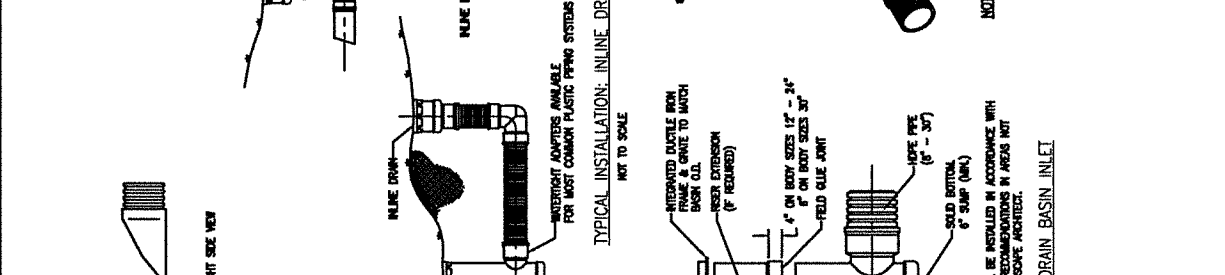
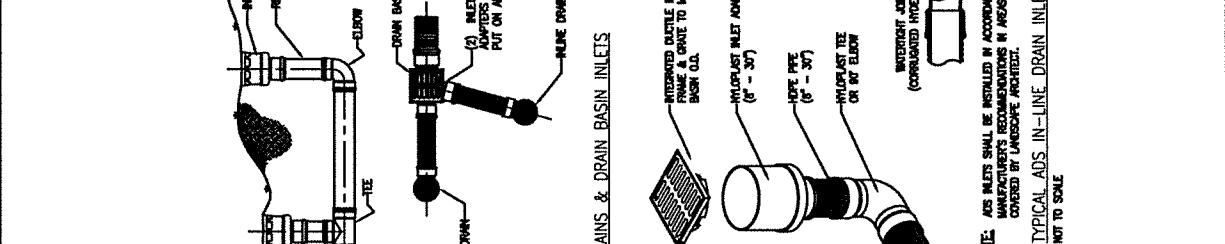


FIGURE 1 - RAILING WITH TYPE I, TYPE II, TYPE III, TYPE IV, TYPE V, TYPE VI, TYPE VII, TYPE VIII, TYPE IX, TYPE X, TYPE XI, TYPE XII, TYPE XIII, TYPE XIV, TYPE XV, TYPE XVI, TYPE XVII, TYPE XVIII, TYPE XIX, TYPE XX, TYPE XXI, TYPE XXII, TYPE XXIII, TYPE XXIV, TYPE XXV, TYPE XXVI, TYPE XXVII, TYPE XXVIII, TYPE XXIX, TYPE XXX

TABLE 1 - RAILING MEMBER PROPERTIES

TYPE	SECTION	SECTION NUMBER	SECTION AREA	SECTION PERIMETER	SECTION MOMENT OF INERTIA	SECTION RADIUS OF GYRATION	SECTION WEIGHT PER FOOT
1	1/2" x 2 1/2"	1	1.31	4.24	1.44	1.56	0.32
2	1 1/2" x 3 1/2"	2	2.50	8.48	2.82	3.12	0.64
3	2" x 4"	3	4.00	13.76	4.54	4.99	1.00
4	2 1/2" x 4 1/2"	4	5.06	17.24	5.67	6.24	1.28
5	3" x 5"	5	6.75	23.44	7.58	8.33	1.70
6	3 1/2" x 5 1/2"	6	8.59	29.36	9.51	10.38	2.13
7	4" x 6"	7	11.31	38.44	12.40	13.54	2.80
8	4 1/2" x 6 1/2"	8	14.06	50.44	15.75	17.19	3.56
9	5" x 7"	9	18.75	67.64	21.14	22.97	4.70
10	5 1/2" x 7 1/2"	10	23.44	89.24	27.38	29.78	6.13
11	6" x 8"	11	30.00	116.64	35.70	38.88	8.00
12	6 1/2" x 8 1/2"	12	38.27	152.84	46.12	50.14	10.40
13	7" x 9"	13	49.69	201.24	60.40	65.76	13.70
14	7 1/2" x 9 1/2"	14	63.17	264.44	78.00	84.78	17.20
15	8" x 10"	15	83.25	344.44	102.00	110.40	22.40
16	8 1/2" x 10 1/2"	16	107.13	452.84	132.84	144.38	29.10
17	9" x 11"	17	140.63	592.84	175.20	188.64	38.40
18	9 1/2" x 11 1/2"	18	179.13	776.84	230.84	248.68	50.10
19	10" x 12"	19	237.63	1016.84	301.20	326.40	65.60
20	10 1/2" x 12 1/2"	20	312.13	1332.84	396.84	427.78	86.20
21	11" x 13"	21	410.63	1744.84	518.40	559.20	112.80
22	11 1/2" x 13 1/2"	22	539.13	2300.84	680.84	733.68	147.50
23	12" x 14"	23	723.63	3024.84	900.00	974.40	198.40
24	12 1/2" x 14 1/2"	24	946.13	3952.84	1185.24	1278.38	263.50
25	13" x 15"	25	1258.63	5128.84	1560.00	1670.40	348.80
26	13 1/2" x 15 1/2"	26	1661.13	6712.84	2052.84	2217.68	462.50
27	14" x 16"	27	2213.63	8824.84	2712.00	2908.80	614.40
28	14 1/2" x 16 1/2"	28	2916.13	11580.84	3588.84	3854.68	814.50
29	15" x 17"	29	3918.63	15400.84	4800.00	5155.20	1084.80
30	15 1/2" x 17 1/2"	30	5111.13	20400.84	6332.84	6837.68	1440.50

FIGURE 2 - RAILING TERMINATION DETAILS

FIGURE 3 - RAILING CONNECTION TO STEPS OR STAIRS

FIGURE 4 - RAILING SECTION THROUGH STAIRS

FIGURE 5 - RAILING SECTION THROUGH STAIRS

FIGURE 6 - RAILING SECTION THROUGH STAIRS

FIGURE 7 - RAILING SECTION THROUGH STAIRS

FIGURE 8 - RAILING SECTION THROUGH STAIRS

FIGURE 9 - RAILING SECTION THROUGH STAIRS

FIGURE 10 - RAILING SECTION THROUGH STAIRS

FIGURE 11 - RAILING SECTION THROUGH STAIRS

FIGURE 12 - RAILING SECTION THROUGH STAIRS

FIGURE 13 - RAILING SECTION THROUGH STAIRS

FIGURE 14 - RAILING SECTION THROUGH STAIRS

FIGURE 15 - RAILING SECTION THROUGH STAIRS

FIGURE 16 - RAILING SECTION THROUGH STAIRS

FIGURE 17 - RAILING SECTION THROUGH STAIRS

FIGURE 18 - RAILING SECTION THROUGH STAIRS

FIGURE 19 - RAILING SECTION THROUGH STAIRS

FIGURE 20 - RAILING SECTION THROUGH STAIRS

FIGURE 21 - RAILING SECTION THROUGH STAIRS

FIGURE 22 - RAILING SECTION THROUGH STAIRS

FIGURE 23 - RAILING SECTION THROUGH STAIRS

FIGURE 24 - RAILING SECTION THROUGH STAIRS

FIGURE 25 - RAILING SECTION THROUGH STAIRS

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FIGURE 41 - RAILING SECTION THROUGH STAIRS

FIGURE 42 - RAILING SECTION THROUGH STAIRS

FIGURE 43 - RAILING SECTION THROUGH STAIRS

FIGURE 44 - RAILING SECTION THROUGH STAIRS

FIGURE 45 - RAILING SECTION THROUGH STAIRS

FIGURE 46 - RAILING SECTION THROUGH STAIRS

FIGURE 47 - RAILING SECTION THROUGH STAIRS

FIGURE 48 - RAILING SECTION THROUGH STAIRS

FIGURE 49 - RAILING SECTION THROUGH STAIRS

FIGURE 50 - RAILING SECTION THROUGH STAIRS

FIGURE 1 - RAILING WITH TYPE I, TYPE II, TYPE III, TYPE IV, TYPE V, TYPE VI, TYPE VII, TYPE VIII, TYPE IX, TYPE X, TYPE XI, TYPE XII, TYPE XIII, TYPE XIV, TYPE XV, TYPE XVI, TYPE XVII, TYPE XVIII, TYPE XIX, TYPE XX, TYPE XXI, TYPE XXII, TYPE XXIII, TYPE XXIV, TYPE XXV, TYPE XXVI, TYPE XXVII, TYPE XXVIII, TYPE XXIX, TYPE XXX

FIGURE 2 - RAILING TERMINATION DETAILS

FIGURE 3 - RAILING CONNECTION TO STEPS OR STAIRS

FIGURE 4 - RAILING SECTION THROUGH STAIRS

FIGURE 5 - RAILING SECTION THROUGH STAIRS

FIGURE 6 - RAILING SECTION THROUGH STAIRS

FIGURE 7 - RAILING SECTION THROUGH STAIRS

FIGURE 8 - RAILING SECTION THROUGH STAIRS

FIGURE 9 - RAILING SECTION THROUGH STAIRS

FIGURE 10 - RAILING SECTION THROUGH STAIRS

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FIGURE 50 - RAILING SECTION THROUGH STAIRS

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FIGURE 2 - RAILING TERMINATION DETAILS

FIGURE 3 - RAILING CONNECTION TO STEPS OR STAIRS

FIGURE 4 - RAILING SECTION THROUGH STAIRS

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FIGURE 50 - RAILING SECTION THROUGH STAIRS

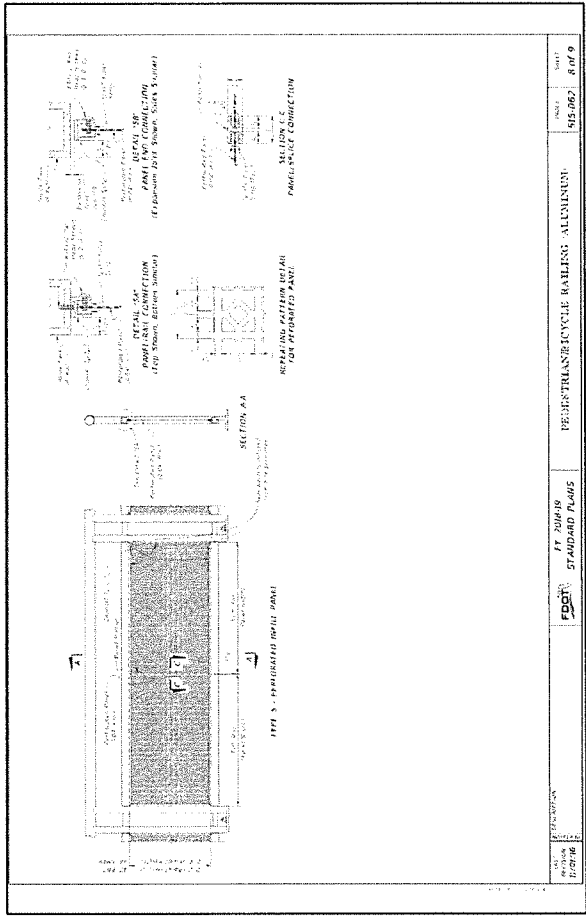
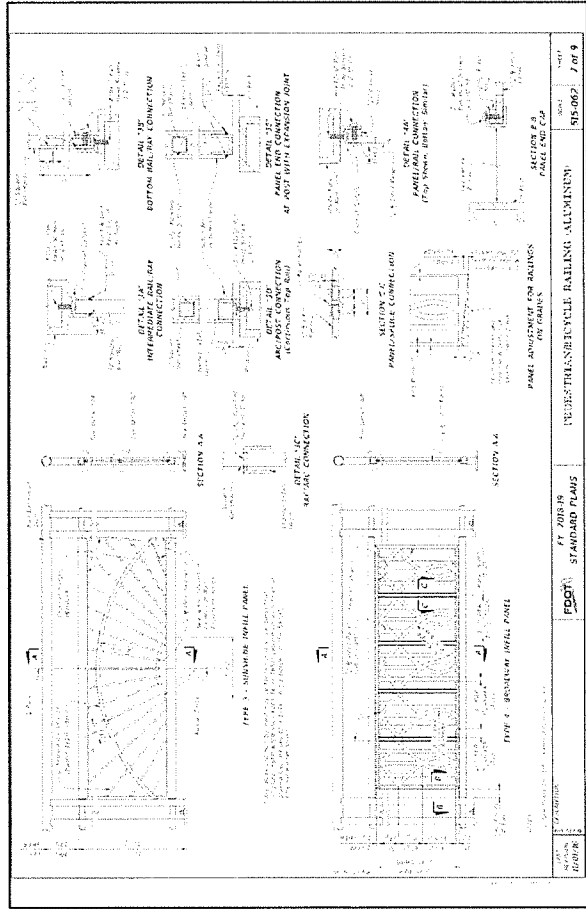
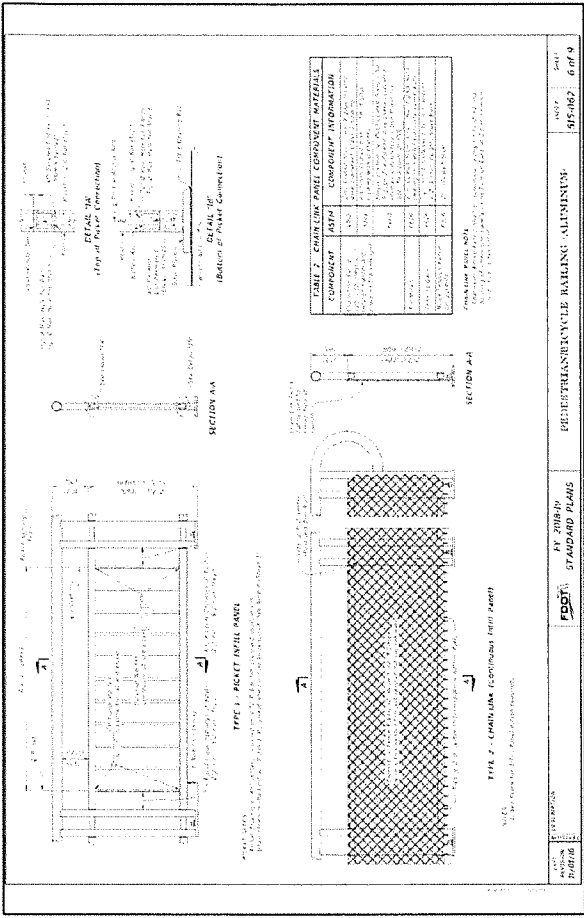
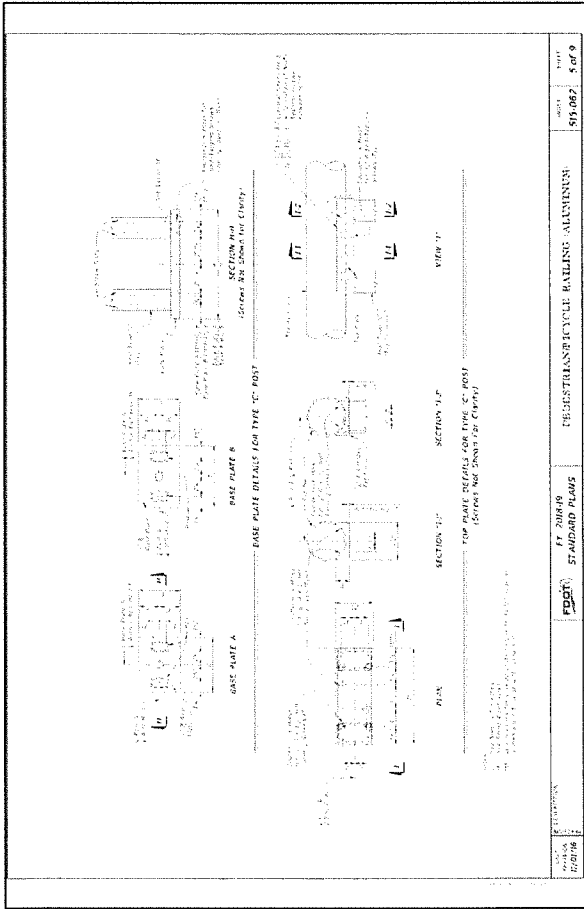


FIGURE 1 - POCKET INFILL PANEL

FIGURE 2 - EXPANSION CONNECTION (POST FRAME)

FIGURE 3 - SEPARATED INFILL PANEL

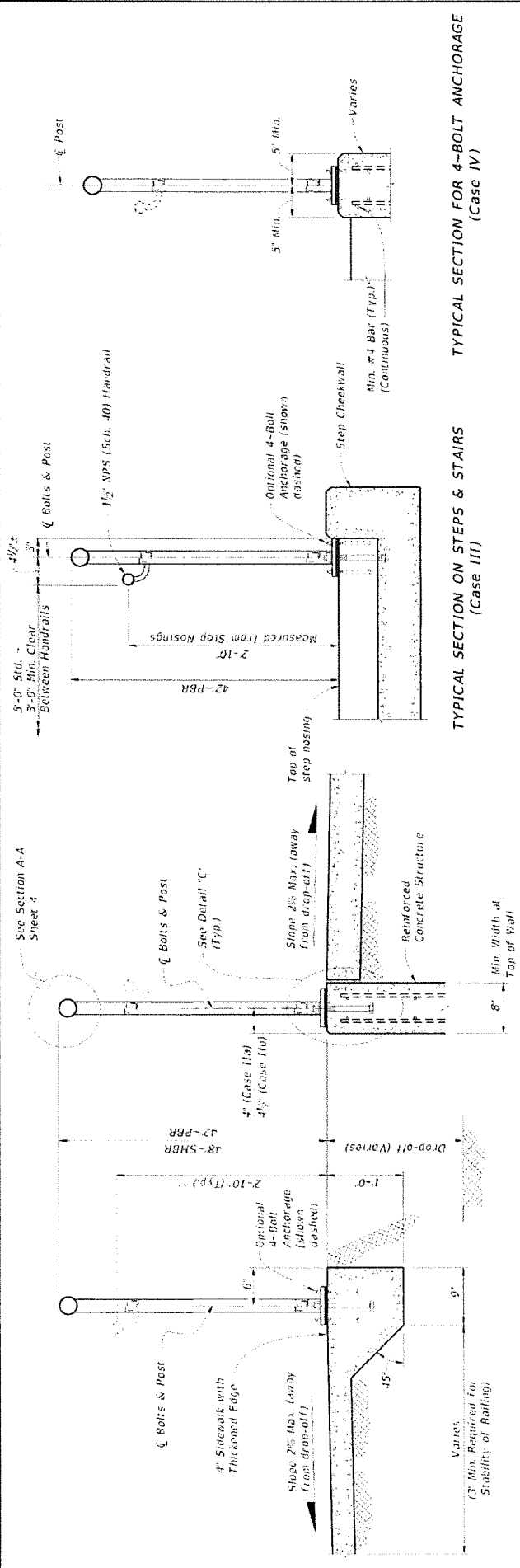
FIGURE 4 - STRUCTURAL INFILL PANEL

FIGURE 1 - POCKET INFILL PANEL

FIGURE 2 - EXPANSION CONNECTION (POST FRAME)

FIGURE 3 - SEPARATED INFILL PANEL

FIGURE 4 - STRUCTURAL INFILL PANEL

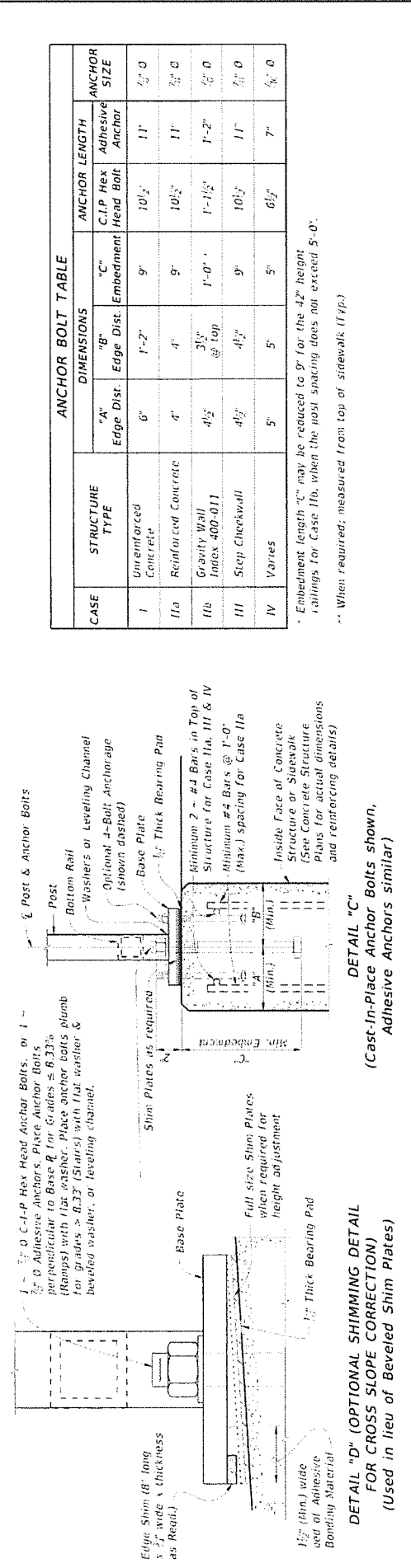


TYPICAL SECTION ON STEPS & STAIRS (Case III)

TYPICAL SECTION ON STEPS & STAIRS (Case IV)

TYPICAL SECTION ON CONCRETE SIDEWALK (Case I)

TYPICAL SECTION ON RETAINING WALL (Case II)



TYPICAL SECTION ON STEPS & STAIRS (Case III)

TYPICAL SECTION ON STEPS & STAIRS (Case IV)

TYPICAL SECTION ON CONCRETE SIDEWALK (Case I)

TYPICAL SECTION ON RETAINING WALL (Case II)

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

\* 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.)

DETAIL "D" (OPTIONAL SHIMMING DETAIL FOR CROSS SLOPE CORRECTION) (Used in lieu of Beveled Shim Plates)

DETAIL "C" (Cast-In-Place Anchor Bolts shown, Adhesive Anchors similar)

DETAIL "D" (OPTIONAL SHIMMING DETAIL FOR CROSS SLOPE CORRECTION) (Used in lieu of Beveled Shim Plates)

DETAIL "C" (Cast-In-Place Anchor Bolts shown, Adhesive Anchors similar)

DETAIL "D" (OPTIONAL SHIMMING DETAIL FOR CROSS SLOPE CORRECTION) (Used in lieu of Beveled Shim Plates)

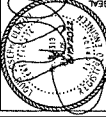
LAST REVISION 11/01/16

DESCRIPTION:

FY 2018-19 STANDARD PLANS

INDEX 515-062

SHEET 9 of 9



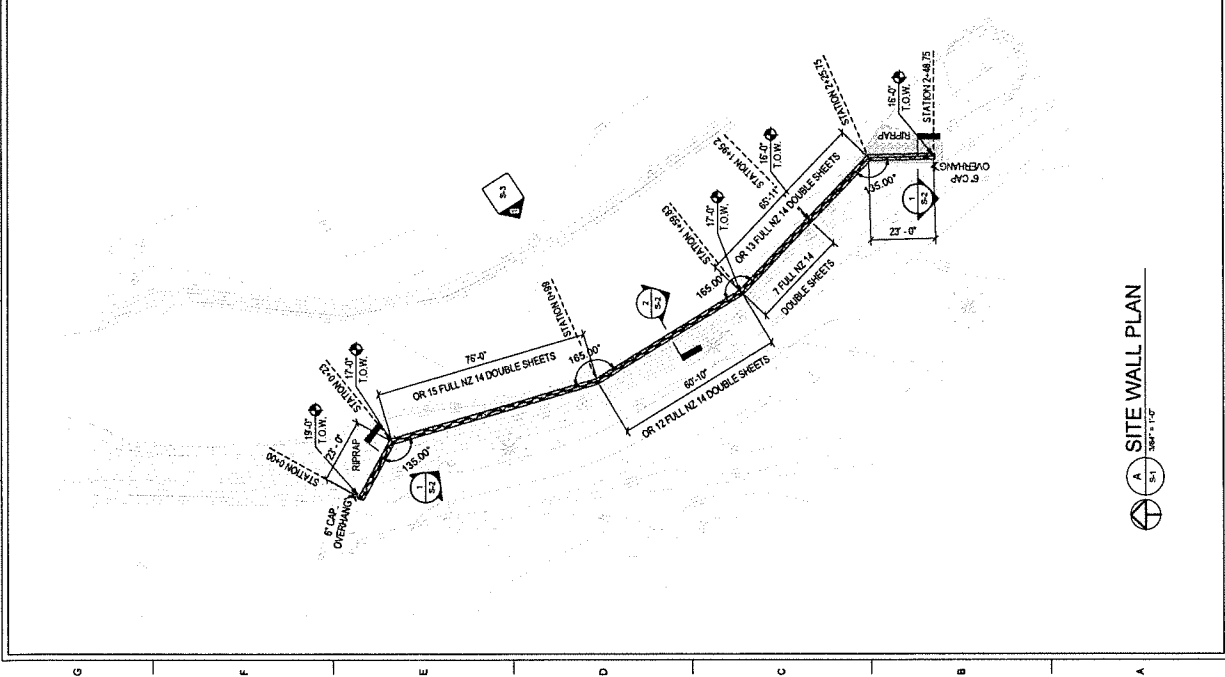
**JOE DEBORA ASSOCIATES, LLC**  
 MECHANICAL ENGINEERING  
 301 West Commercial B, Tallahassee, FL 32301  
 P: 904.441.9119 FAX: 904.441.9118  
 www.jda-engineers.com

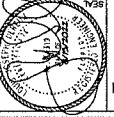
**SHORNS DESIGN AND CE SERVICES**  
 CHERRY STREET  
 VETERANS PARK DITCH  
 CALLAWAY, FLORIDA

PROJECT NO. 27660.01  
 DESIGNED BY: JES  
 DRAWN BY: JES  
 CHECKED BY: JAM  
 DATE: AUGUST 2022  
 RELEASED FOR CONSTRUCTION  
 BY: JES DATE: MZZ

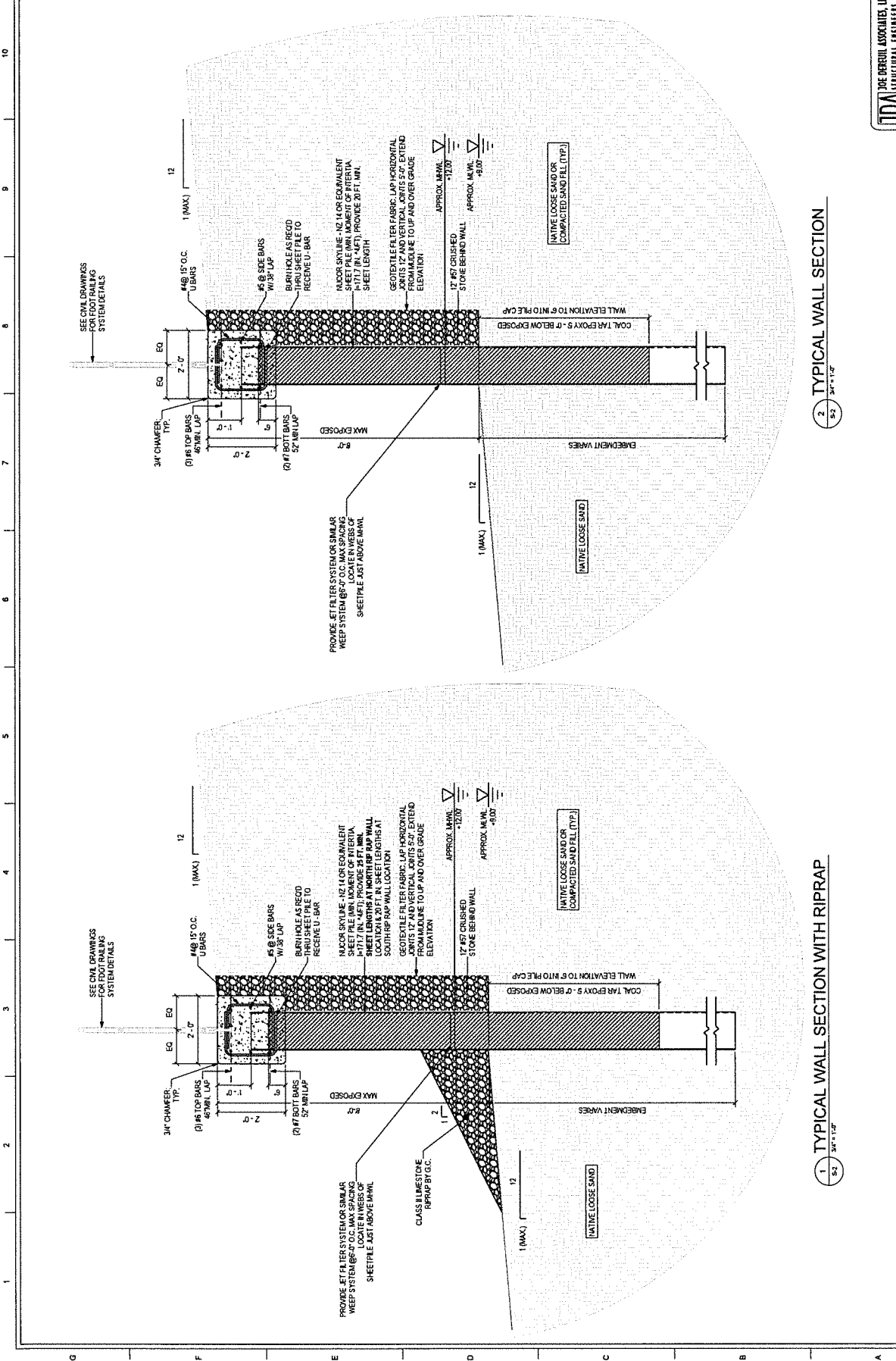
**S-1**  
 100% SUBMITTAL  
**SITE WALL PLAN & GENERAL NOTES**

- 1.00 GENERAL NOTES
- 1.01 THESE DRAWINGS ADDRESS ONLY THE STRUCTURAL DESIGN OF THE RETAINING WALL. THE DIMENSIONAL LAYOUT OF THE STRUCTURE HAS BEEN OBTAINED FROM THE ARCHITECT'S DRAWINGS IN ORDER TO PROVIDE STRUCTURAL DESIGN DOCUMENTS. NO REPRESENTATION IS MADE REGARDING CODE COMPLIANCE OF NON-STRUCTURAL ASPECTS OF THE STRUCTURE.
- 1.02 THESE STRUCTURAL NOTES SHALL BE APPLIED WITH THE TECHNICAL SPECIFICATIONS IN THE SPECIFICATIONS MANUAL. ANY CONFLICTING REQUIREMENTS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT PRIOR TO CONSTRUCTION. RECORD FOR RESOLUTION BEFORE PROCEEDING WITH FABRICATION OR CONSTRUCTION.
- 1.03 DRAWINGS SHOW TYPICAL AND CERTAIN SPECIFIC CONDITIONS ONLY. FOR DETAILS NOT SPECIFICALLY SHOWN, PROVIDE DETAILS SIMILAR TO THOSE SHOWN.
- 1.04 VERIFY ALL EXISTING CONDITIONS, DIMENSIONS AND ELEVATIONS BEFORE STARTING WORK. NOTIFY STRUCTURAL ENGINEER OF ANY DISCREPANCY.
- 1.05 THE DESIGN ADEQUACY AND SAFETY OF ERECTION BRACING, SHORING, TEMPORARY SUPPORTS, ETC., ARE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
- 1.06 COORDINATE WITH ALL CONTRACT DOCUMENTS WITH ARCHITECTURAL, MECHANICAL, ELECTRICAL, PLUMBING AND OTHER NOTES. STRUCTURAL ENGINEER OF ANY CONFLICT AND/OR OMISSION CONTRACTOR SHALL HAVE NO DEVIATION FROM DESIGN DRAWINGS WITHOUT WRITTEN APPROVAL OF THE ARCHITECT. FOR ADDITIONAL OPENINGS NOT SHOWN ON THE STRUCTURAL DRAWINGS, SEE ARCHITECTURAL, MECHANICAL, AND PLUMBING DRAWINGS.
- 1.07 DESIGN CRITERIA:  
 THE STRUCTURE HAS BEEN DESIGNED UTILIZING THE FLORIDA BUILDING CODE, 2020.
- 1.08 DESIGN LOADS AND DESIGN PARAMETERS:  
 A. STRUCTURAL DESIGN LOADS ARE AS FOLLOWS:  
 1. LIVE LOAD SURCHARGE SHEETPILE WALLS ... 25 PSF  
 2. WEIGHT OF FILL OR BACKFILL ... 130 PCF  
 a. SATURATED ... 115 PCF  
 b. MOST ...  
 3. LATERAL SOILS PRESSURE CURVE PER AASHTO M 29 EUTHE WALLS  
 a. 90 PSF/FT ABOVE WATER TABLE  
 b. 90 PSF/FT BELOW WATER TABLE  
 4. DESIGN HIGH WATER ... +12.00 (NAVD 88)
- 1.09 SHOP DRAWING SUBMITTALS  
 A. THE REVIEW OF SUBMITTALS AND/OR SHOP DRAWINGS DONE BY THE STRUCTURAL ENGINEER DOES NOT RELIEVE THE CONTRACTOR OF THE RESPONSIBILITY TO REVIEW AND CHECK SHOP DRAWINGS BEFORE SUBMITTAL TO THE STRUCTURAL ENGINEER. THE REVIEW BY THE STRUCTURAL ENGINEER IS FOR GENERAL CONFORMANCE ONLY. IF SHOP DRAWINGS HAVE BEEN REVIEWED AND APPROVED BY THE STRUCTURAL ENGINEER, THE CONTRACTOR SHALL SUBMITTAL TO THE ARCHITECT FOR APPROVAL. THE SHOP DRAWINGS SHALL BE RETURNED WITHOUT APPROVAL.  
 B. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR ANY AND ALL ERRORS AND OMISSIONS IN THE SHOP DRAWINGS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CORRECTING THE ERRORS, DETAILS, AND DIMENSIONS SPECIFIED IN THE CONSTRUCTION DOCUMENTS.  
 C. ALL MODIFICATIONS MADE FOR SUBMITTALS THAT ARE RE-SUBMITTED SHALL CLEARLY NOTE THE CHANGES.  
 D. REPRODUCING THE CONTRACT DOCUMENTS FOR USE AS SHOP DRAWINGS IS NOT ALLOWED, AND SHOP DRAWINGS WILL BE RETURNED WITHOUT APPROVAL.  
 E. GENERAL SHOP DRAWING REQUIREMENTS:  
 1. SUBMIT SHOP DRAWINGS AND ANY OTHER SPECIAL INFORMATION NECESSARY FOR THE CONTRACTOR TO CONSTRUCT THE STRUCTURE. THE DRAWINGS SHOULD INCLUDE PLANS, ELEVATIONS AND SECTIONS. CLEARLY SHOW ANCHORAGES, CONNECTIONS, AND ACCESSORY ITEMS. THE DETAILER MUST INTERPRET THE CONTRACT DOCUMENTS AND CLEARLY CONVEY THIS INTERPRETATION TO THE FIELD IN ALL DRAWINGS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE CORRECT INTERPRETATION OF THE CONTRACT DOCUMENTS AND CLEARLY CONVEY THIS INTERPRETATION TO THE FIELD IN ALL DRAWINGS. PROVIDE PLACED DRAWINGS FOR FABRICATION AND PLACING OF REINFORCING STEEL. THESE DRAWINGS SHALL INCLUDE, BUT ARE NOT LIMITED TO, THE FOLLOWING: BARLISTS, SCHEDULES, BENDING DETAILS, PLACING AND TIEING DETAILS, REINFORCING BAR LENGTHS, LOCATION AND SPACES OF CONTINUOUS BARS, AND BAR SUPPORTS. CLEARLY SHOW LOCATIONS OF ALL DOWELS ON PLAN.  
 2. SOIL PARAMETERS FOR SHEETPILE WALL  
 2.01 THE DESIGN OF FOUNDATIONS AND RETAINING WALLS ARE BASED ON THE CRITERIA ESTABLISHED IN THE GEOTECHNICAL REPORT BY SOUTHERN EARTH SCIENCES, PANAMA CITY OFFICE. PROTECTIVE COATING SHALL BE APPLIED TO ALL EXPOSED SURFACES OF THE FOUNDATION AND RETAINING WALLS. SUBGRADE SHALL BE PREPARED TO MEET THE REQUIREMENTS OF THE GEOTECHNICAL REPORT.
- 2.02 A QUALIFIED GEOTECHNICAL ENGINEER SHALL VERIFY CONDITION AND/OR ADEQUACY OF ALL SUBGRADES, FILLS AND BACKFILLS FROM THE TIME OF THEIR CONSTRUCTION THROUGH THE LIFE OF THE STRUCTURE. THE CONTRACTOR SHALL VERIFY THE CONDITION AND/OR ADEQUACY OF ALL SUBGRADES, FILLS AND BACKFILLS SOILS. HE SHALL STOP WORK AND IMMEDIATELY CONTACT THE ENGINEER OF RECORD.
- 2.03 CONTRACTOR IS RESPONSIBLE FOR ADEQUATELY PROTECTING ALL EXISTING UTILITIES.
- 3.00 REBERGEOSED CONCRETE  
 3.01 ALL CONCRETE WORK SHALL CONFORM TO ACI 308.1S SPECIFICATIONS FOR STRUCTURAL CONCRETE. DESIGN IS BASED ON ACT CONCRETE WITH 13% SLUMP. ALL CONCRETE SHALL BE PLACED AND FINISHED IN ACCORDANCE WITH ACI 308.1S. GUIDE TO PRACTICE FOR REINFORCING STEEL DESIGN DETAILS. SUBMIT SHOP DRAWINGS FOR APPROVAL. SHOWING ALL FABRICATION DIMENSIONS AND LOCATIONS FOR PLACING REINFORCING STEEL AND ACCESSORIES. DO NOT BEGIN FABRICATION UNTIL SHOP DRAWINGS ARE COMPLETED AND REVIEWED.  
 3.02 UNLESS NOTED OTHERWISE, ALL CONCRETE SHALL BE NORMAL WEIGHT AND HAVE THE FOLLOWING MINIMUM 28 DAY COMPRESSIVE STRENGTHS (FCI) WATER TO CEMENTitious CONTENT (W/C) AND AIR CONTENT ACCORDING TO EXPOSURE CLASS (EC):  
 A. FILE CAPS (FCP2, 30, WG, CI)  $\frac{F_c}{\text{ksi}}$   $\frac{W/C}{\text{lb/cu ft}}$   $\frac{\text{AIR CONTENT}}{\%}$   
 4500 PSI 0.42 5% (w/1%)  
 CONCRETE MAY CONTAIN A PROPERLY DESIGNED SUPERPLASTICIZER FOR WORKABILITY.  
 3.03 REINFORCING STEEL SHALL CONFORM TO ASTM A615, GRADE 60 UNLESS NOTED OTHERWISE.  
 3.04 THE PROPOSED MATERIALS AND MIX DESIGN SHALL BE FULLY DOCUMENTED AND REVIEWED BY THE OWNER'S TESTING LABORATORY. RESPONSIBILITY FOR OBTAINING THE REQUIRED DESIGN STRENGTH IS THE CONTRACTOR'S.  
 3.05 USE OF CALCIUM CHLORIDE, CHLORIDE EXIS, OR OTHER SALTS IN CONCRETE IS NOT PERMITTED.  
 3.06 HORIZONTAL CONSTRUCTION JOINTS ARE PERMITTED ONLY WHERE INDICATED. THE STRUCTURAL ENGINEER SHALL APPROVE THE LOCATION OF VERTICAL CONSTRUCTION JOINTS. CONSTRUCTION JOINTS SHALL BE THOROUGHLY PROTECTED BY MECHANICAL JOINTS. CONSTRUCTION JOINTS SHALL BE FULLY DOCUMENTED AND REVIEWED BY THE OWNER'S TESTING LABORATORY. RESPONSIBILITY FOR OBTAINING THE REQUIRED DESIGN STRENGTH IS THE CONTRACTOR'S.  
 3.07 UNLESS NOTED OTHERWISE, PLACE VERTICAL CONSTRUCTION JOINTS IN CONCRETE WALL CAP @ 10 FT MAX SPACING WITH 4" DEEP V-NOTCH ALL AROUND.  
 3.08 CHAMFER OR ROUND ALL EXPOSED CORNERS A MINIMUM OF 3".  
 3.09 TIE ALL REINFORCING STEEL AND EMBEDMENTS SECURELY IN PLACE PRIOR TO PLACING CONCRETE. PROVIDE SUFFICIENT SUPPORTS TO MAINTAIN THE POSITION OF REINFORCEMENT WITH SPECIFIED TOLERANCE DURING ALL CONSTRUCTION ACTIVITIES. "STICKY" DOWELS INTO WET CONCRETE IS NOT PERMITTED.  
 3.10 PROVIDE CONTINUOUS REINFORCEMENT WHEREVER POSSIBLE. SPICE ONLY AS SHOWN OR APPROVED. STAGGER SPICE WHERE POSSIBLE. USE FULL TENSION SPICE (CLASS 30) UNLESS NOTED OTHERWISE. DOWELS SHALL MATCH THE SIZE AND SPACING OF THE SPECIFIED REINFORCEMENT AND SHALL BE LAPPED WITH FULL TENSION SPICES (CLASS 30) UNLESS NOTED OTHERWISE. TERMINATE BARS WITH STANDARD HOOKS.  
 3.11 REINFORCING STEEL SHALL HAVE THE FOLLOWING CONCRETE COVER UNLESS NOTED OTHERWISE (PER ACI 318-14 TABLE 20.6.1.3.1)  
 A. CONCRETE AGAINST EARTH (NOT FORMED): 3"  
 B. FORMED CONCRETE EXPOSED TO THE EARTH OR WEATHER  
 1. 1" MINIMUM  
 2. #5 BARS AND SMALLER: 1-1/2"  
 C. CONCRETE NOT EXPOSED TO EARTH OR WEATHER  
 1. 1" MINIMUM  
 2. BEAMS (STRUTS) AND COLUMNS (TEES): 1-1/2"  
 3.12 DO NOT WELD OR TACK WELD REINFORCING STEEL UNLESS APPROVED OR DIRECTED BY THE STRUCTURAL ENGINEER.  
 3.14 THE DESIGN AND CONSTRUCTION OF FORMS SHALL CONFORM TO THE FOLLOWING REQUIREMENTS:  
 A. FORMS SHALL CONFORM TO SHUTE FORM AND LINES AND DRAWINGS. USE CIVIL FOR FINAL WALL LAYOUT)  
 B. FORMS SHALL BE PROPERLY BRACED AND STRENGTHENED TO WITHSTAND ALL LOADS INCLUDING CONCRETE AND PLACING.  
 C. QUALIFIED WORKMEN SHALL CONSTANTLY OBSERVE AND ADJUST, AS REQUIRED, ALL SHORES DURING CONCRETE PLACING.  
 D. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR THE ADEQUATE DESIGN AND CONSTRUCTION OF ALL FORMS.  
 E. SHORING SHALL REMAIN IN PLACE UNTIL CONCRETE HAS ATTAINED 75% OF ITS 28 DAY STRENGTH.  
 3.15 MISCELLANEOUS STEEL  
 4.0 MISCELLANEOUS STEEL  
 4.1 GENERAL DESIGN AND CONSTRUCTION OF STRUCTURAL, STRUCTURAL AND MISCELLANEOUS STEEL SHALL BE IN ACCORDANCE WITH THE AISC "MANUAL OF STEEL CONSTRUCTION, LATEST EDITION, AND THE F.B.C.  
 4.2 MATERIALS: SHEET PILING: .....ASTM A572, GRADE 50 (Fy = 50 ksi)  
 4.3 SHEET PILING PROTECTIVE COATING: STEEL SHEET PILING SHALL RECEIVE A PROTECTIVE COATING IN ACCORDANCE WITH SPECIFICATIONS SECTION 05900.





WALL PLAN & SECTION  
 S-2



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WALL ELEVATION

PROJECT NO.	27660.01
DATE	AUGUST 2022
DESIGNED BY	JES
DRAWN BY	JAM
PROJ. MGR.	JAM
RELEASED FOR CONSTRUCTION	BY JES DATE 02/22

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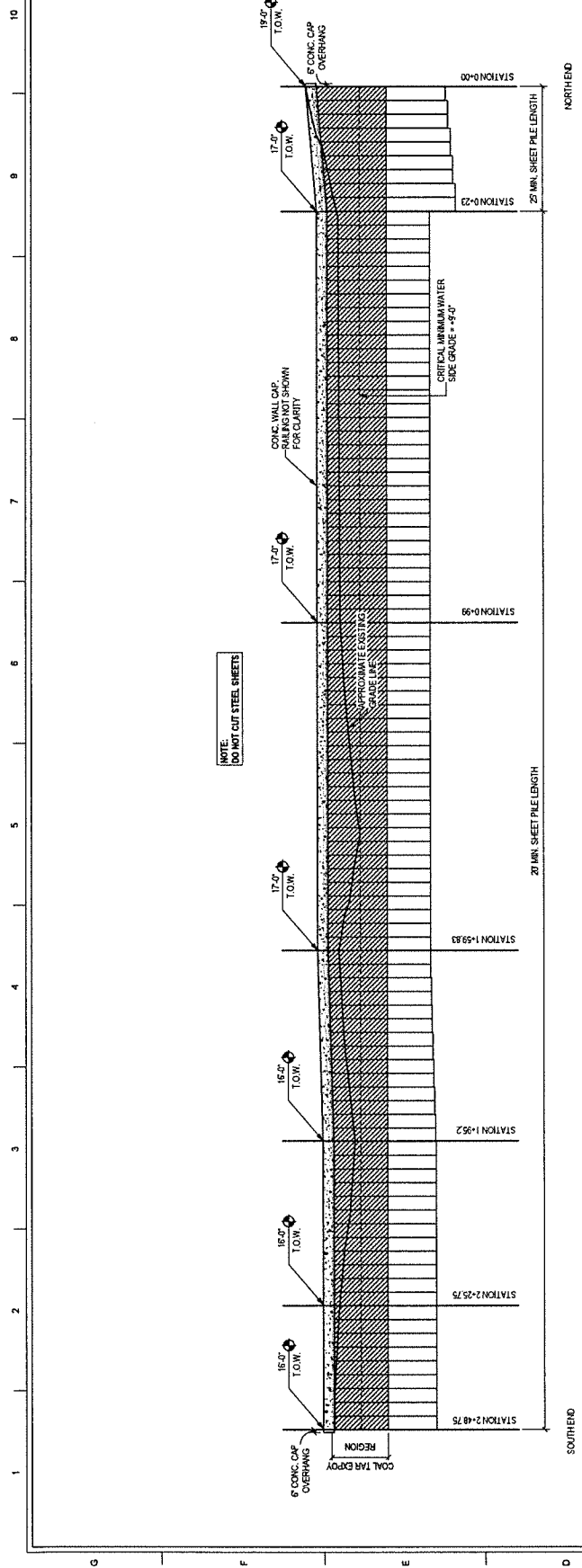
NO.	DATE	APPROV.	REVISION / ACTION TAKEN

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

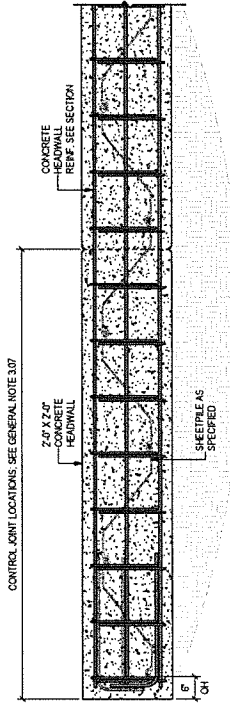
**BASKINLECHOWY, INC.**  
ENGINEERING THE SOUTH SINCE 1927

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1 UNFOLDED WALL ELEVATION  
(LOOKING WESTERLY)



2 STEEL SHEET PILE PLAN  
(3\"/>

NOTE:  
DO NOT CUT STEEL SHEETS

10 9 8 7 6 5 4 3 2 1

10 9 8 7 6 5 4 3 2 1