

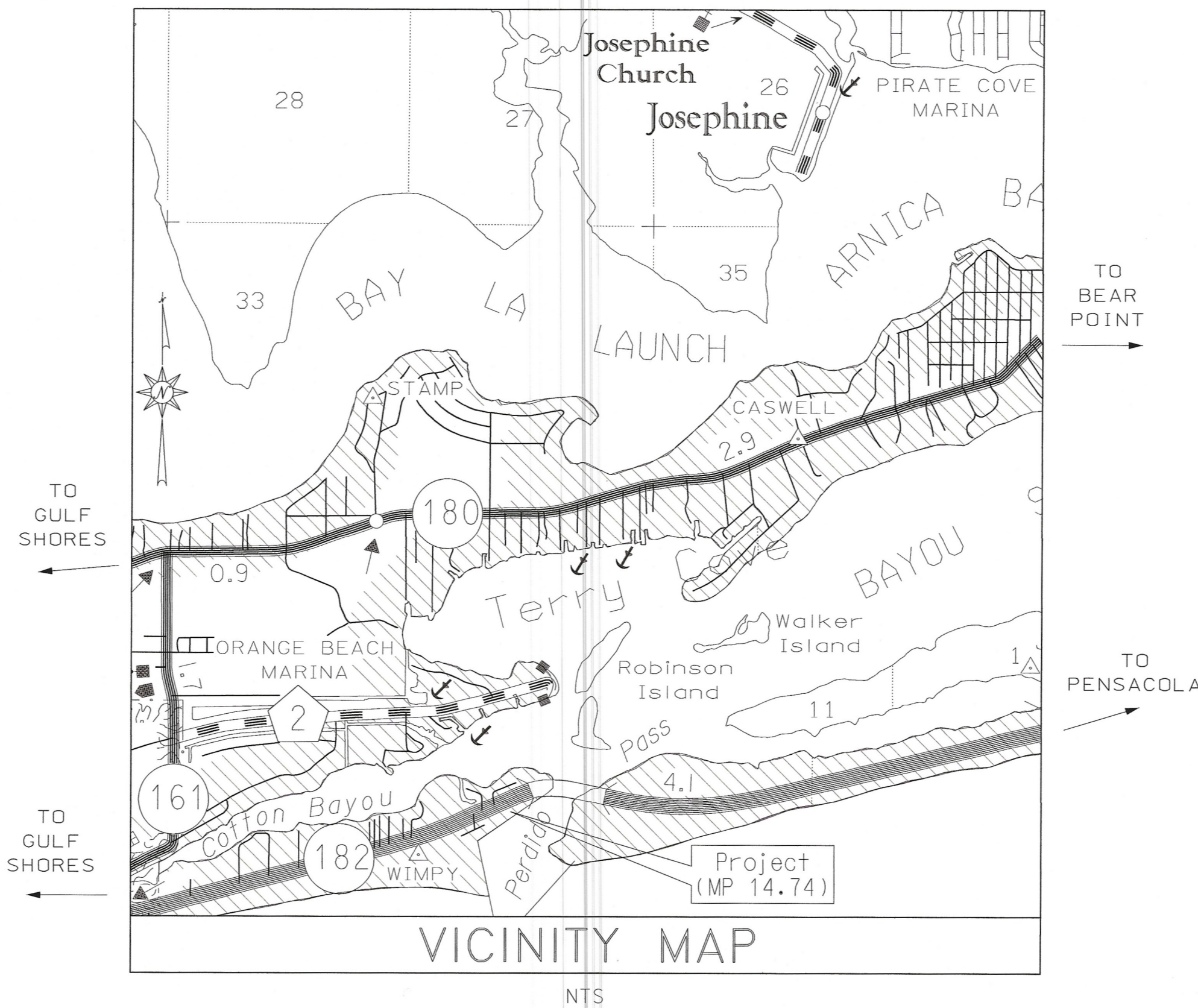
# PERDIDO PASS PARKING LOT AND SEAWALL REPAIRS PHASE II

THESE PLANS HAVE BEEN DESIGNED IN ACCORDANCE WITH  
THE ALABAMA DEPARTMENT OF TRANSPORTATION  
STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION,  
2012 EDITION

JANUARY 2017  
ISSUED FOR CONSTRUCTION

## ALDOT SPECIAL AND STANDARD HIGHWAY DRAWINGS REFERENCED (2016)

INDEX NO.	DWG NO.	TITLE
1045	TCO-100	DETAILS FOR TRAFFIC CHANNELIZATION DEVICES
1048-1049	TCM-703	PAVEMENT LEGENDS AND MARKINGS DETAILS (2 SHEETS)
1160-1160A	ESC-100	BEST MANAGEMENT PRACTICE REFERENCE MATRIX (2 SHEETS)
1161	ESC-200	TEMPORARY EROSION/SEDIMENT CONTROL APPLICATIONS (SHEET 1 OF 4)
1161-B	ESC-200	DETAIL OF SEDIMENT BARRIER APPLICATIONS
1161-C	ESC-200	DETAILS OF SILT FENCE (TYPE A) INSTALLATION
1162	ESC-300	DITCH CHECK STRUCTURES, TYPICAL APPLICATIONS AND DETAILS (SHEET 1 OF 8)
1162-A	ESC-300	TEMPORARY EROSION, SEDIMENT AND WATER POLLUTION CONTROL MEASURES, SILT FENCE AND HAY BALE CHECKS (SHEET 2 OF 8)
1162-B	ESC-300	DETAILS OF EROSION CONTROL SANDBAG DITCH CHECK (SHEET 3 OF 8)
1162-C	ESC-300	DETAILS OF EROSION CONTROL WATTLE DITCH CHECK (SHEET 4 OF 8)
1162-G	ESC-300	DETAILS OF SILT FENCE DITCH CHECK (SHEET 8 OF 8)



## INDEX OF DRAWINGS

SHEET NO.	SHEET TITLE
1	COVER SHEET AND INDEX OF DRAWINGS
1A	PLANS LEGEND & GENERAL NOTES
1B	ALDOT STANDARD NOTES
2, 2A-2G	TYPICAL SECTIONS
3	SUMMARY OF QUANTITIES
4	EXISTING CONDITIONS
5	SITE PLAN
6	GRADING PLAN
7	LANDSCAPING PLAN
8	TRAFFIC AND EROSION CONTROL PLAN
9	MISCELLANEOUS DETAILS

## CITY OF ORANGE BEACH

MAYOR TONY KENNON  
ANNETTE MITCHELL, PLACE 1  
JEFF BOYD, PLACE 2  
JERRY JOHNSON, PLACE 3  
JEFF SILVERS, PLACE 4  
JONI BLALOCK, PLACE 5

PREPARED BY:

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BKI PROJECT NO. OB.16.002

SUBMITTED BY:

*Matthew C. Rogers*

MATTHEW C. ROGERS, P.E.



1/5/2017

PLANS LEGEND & GENERAL NOTES

TEMPORARY BENCHMARKS

Point	Northing	Easting	Elevation	Description
1	100,780.281	1,950,897.752	6.06	NAIL & DISK
2	100,998.106	1,951,196.808	7.96	6" MAGHUB
4	101,165.725	1,951,305.467	11.34	NAIL & DISK
50	101,006.712	1,950,791.804	12.84	AXLE
51	100,867.761	1,950,793.234	7.51	CAPPED REBAR (ILLEGIBLE)
52	100,734.573	1,950,859.607	5.60	NAIL & DISK
53	100,835.404	1,951,024.123	5.56	NAIL & DISK
54	100,851.402	1,950,433.538	9.63	CAPPED REBAR (SEARS)
55	100,771.946	1,950,249.966	12.41	CAPPED REBAR (SEARS)
57	100,771.394	1,950,552.333	9.10	CAPPED REBAR (ILLEGIBLE)
58	100,990.567	1,951,238.220	6.54	NAIL & DISK
59	100,924.012	1,951,182.276	5.19	NAIL & DISK
61	100,880.049	1,951,123.753	4.96	NAIL & DISK
62	100,881.626	1,951,122.651	4.98	NAIL & DISK
63	101,090.576	1,951,315.867	8.50	NAIL & DISK
64	101,209.120	1,951,364.220	4.91	BRASS CAP — NATIONAL OCEAN SURVEY
67	101,139.385	1,951,123.855	12.50	BENCHMARK SPIKE IN UTILITY POLE
68	100,825.927	1,950,983.139	5.96	BOLT

HORIZONTAL COORDINATES SHOWN HEREON ARE REFERENCED TO STATE PLANE COORDINATES, ALABAMA WEST ZONE, NAD83 AND WERE ESTABLISHED ON-SITE VIA RTK GPS OBSERVATIONS

ELEVATIONS SHOWN HEREON ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88) AND WERE ESTABLISHED ON-SITE VIA RTK GPS OBSERVATIONS

LEGEND

----- W -----	WATER LINE
----- G -----	GAS LINE
----- BE -----	UNDERGROUND ELECTRIC
-----○-----○-----	CHAIN-LINK FENCE
-----○-----○-----	EXISTING GUARDRAIL
LP	LIGHT POLE
52	SURVEY CONTROL POINT
	PALM TREE
	EXISTING PAVEMENT (REMOVE-BASE BID)
	EXISTING PAVEMENT (REMOVE-ADDITIVE ALTERNATE NO. 3)
	EXISTING PAVEMENT (RETAIN)
	EXISTING PAVEMENT (RETAIN-BASE BID) (REMOVE - ADDITIVE ALTERNATE NO. 3)

GENERAL NOTES

1. THE CONTRACTOR SHALL VERIFY ALL UTILITY LOCATIONS PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE IMMEDIATE REPAIR OF ANY AND ALL DAMAGE TO EXISTING UTILITY LINES CAUSED BY THE CONTRACTOR'S CONSTRUCTION ACTIVITIES. REPAIRS SHALL BE MADE AT NO ADDITIONAL COST TO THE PROJECT. CONFLICTS WITH UTILITIES SHALL NOT BE CONSIDERED CAUSE FOR DELAY ON THE PROJECT.
2. THERE SHALL BE NO FUEL TANKS STORED ON THE PROJECT SITE, ADJACENT RIGHT OF WAY, OR ADJACENT PROPERTIES WITHOUT PRIOR WRITTEN APPROVAL. FUEL TRUCKS OR VEHICLES TRANSPORTING CHEMICALS, FERTILIZER, ETC. SHALL NOT BE LEFT UNATTENDED ON RIGHT OF WAY.
3. ALL WORK SHALL BE IN ACCORDANCE WITH THE ALABAMA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION, 2012 EDITION EXCEPT AS MODIFIED HEREIN.
4. ALL WORK SHALL BE ACCOMPLISHED UNDER THE DIRECT SUPERVISION OF A CONTRACTOR PROPERLY LICENSED IN THE STATE OF ALABAMA.
5. THE CONTRACTOR SHALL OBTAIN THE PERMISSION AND APPROVAL FOR ALL PROPOSED SUBCONTRACTORS AND SHALL BE RESPONSIBLE FOR ALL PHASES OF THE PROJECT INCLUDING THE SUBCONTRACTORS WORK.
6. THE OWNER/ENGINEER RESERVES THE RIGHT TO ALTER, MODIFY, AND/OR DELETE PORTIONS OF THE PROJECT AS DEEMED NECESSARY DURING CONSTRUCTION TO ENHANCE OR IMPROVE THE OVERALL PROJECT.
7. THE CONTRACTOR SHALL NOTIFY THE ENGINEER AND TESTING LAB A MINIMUM OF 24 HOURS IN ADVANCE OF BEGINNING ANY MAJOR PHASE OF THE PROJECT.
8. ANY CONFLICT IN THE PLANS SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER/OWNER PRIOR TO COMMENCING WORK ON THE AREA IN CONFLICT.
9. WATTLES, EROSION CONTROL FABRIC, SILT FENCING OR OTHER METHODS IN ACCORDANCE WITH ALABAMA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS SECTION 665, SHALL BE PROVIDED BY THE CONTRACTOR WHEN REQUIRED TO CONTROL EROSION. THE COST FOR PROVIDING THESE ITEMS SHALL BE INCLUDED IN THE ESTABLISHED LUMP SUM BID PRICE FOR TEMPORARY EROSION CONTROL (6650-000).
10. THE CONTRACTOR SHALL BE RESPONSIBLE FOR FENCING OR OTHER SECURITY MEASURES REQUIRED TO PROTECT WORK OR EQUIPMENT DURING CONSTRUCTION.
11. THE CONTRACTOR SHALL DISPOSE OF ALL WASTE AND UNSUITABLE MATERIAL OFF THE PROJECT SITE AT A SITE FURNISHED BY THE CONTRACTOR, LOCATED ABOVE MEAN WATER ELEVATION. THERE WILL BE NO ADDITIONAL COMPENSATION FOR EITHER USING THE WASTE MATERIAL AS DIRECTED OR FOR DISPOSING OF IT OFF THE PROJECT SITE. ALSO, NO ADDITIONAL COMPENSATION WILL BE MADE FOR DISPOSING UNSUITABLE MATERIAL EXCAVATED FROM THE PROJECT SITE.
12. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE LAYOUT OF THE PROJECT AND THE EXPENSE THEREOF BASED UPON THE BENCHMARKS, REFERENCE STATIONING AND BASELINES PROVIDED BY THE ENGINEER.
13. THE CONTRACTOR SHALL PROTECT ALL EXISTING PROPERTY CORNERS.
14. ALL FENCES SHALL REMAIN UNLESS OTHERWISE NOTED IN THE PLANS.
15. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS FOR THE CONSTRUCTION OF THIS PROJECT.
16. EXISTING PAVEMENT REMOVAL IS TO BE ACCOMPLISHED ALONG NEAT, FULL DEPTH SAW CUT LINES. THE COST OF THIS WORK SHALL BE A SUBSIDIARY OBLIGATION OF PAY ITEM 206C-026.
17. ALL GRASSING SHALL BE IN ACCORDANCE WITH THE LATEST ALABAMA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION.
18. ALL CONCRETE USED ON THE PROJECT SHALL BE 3,000 PSI MINIMUM COMPRESSIVE STRENGTH REQUIRED IN 28 DAYS, UNLESS SPECIFICATIONS REQUIRE CONCRETE OF GREATER STRENGTH.
19. THE CONTRACTOR SHALL PERFORM SPALL DAMAGE REPAIRS TO THE EXISTING CONCRETE SHEETPILE CAP. ALL WORKMANSHIP AND MATERIALS SHALL BE AS PER THE RELAVENT ALDOT STANDARD SPECIFICATIONS. SPALL REPAIR AREAS SHALL BE PREPPED BY CHIPPING DOWN TO SOUND CONCRETE/STEEL, REMOVING DELETERIOUS MATERIAL, AND CLEANING AS PER THE GROUT MANUFACTURER'S RECOMMENDATIONS PRIOR TO APPLICATION. GROUT SHALL BE PLACED IN SUCH A WAY AS TO RESTORE THE ORIGINAL SHAPE AND SIZE OF THE ORIGINAL SHEETPILE CAP. GROUT SHALL BE A NON-SHRINK, NON-METALLIC GROUT AND SHALL UTILIZE A BONDING AGENT. ALL COSTS FOR THIS WORK, INCLUDING LABOR, MATERIALS, CHIPPING, CUTTING, GRINDING, PREPPING, EQUIPMENT, REMOVAL, FORMING AND FINISHING SHALL BE INCLUDED IN THE UNIT COST BID FOR ITEM 490D-000.
20. THE CONTRACTOR SHALL CONSTRUCT THE WOODEN PEDESTRIAN BOARDWALK, STEPS, AND HANDRAILS TO THE DIMENSIONS SHOWN IN THE PLANS. ALL WORKMANSHIP AND MATERIALS SHALL BE AS PER THE RELAVENT ALDOT STANDARD SPECIFICATIONS. ALL COSTS FOR THIS WORK INCLUDING LABOR, MATERIALS, EQUIPMENT, FASTENERS, SCREWS, BOLTS, LUMBER, SEALING/STAINING, FOUNDATION AND OTHER INCIDENTALS SHALL BE INCLUDED IN THE SQUARE FOOT UNIT COST BID FOR ITEM SP-1.
21. THE CONTRACTOR SHALL REPLACE BROKEN HANDRAIL FLANGES AS SHOWN IN THE PLANS. FLANGE SHALL BE REMOVED AND A NEW FLANGE FABRICATED OF THE SAME SIZE AND MATERIAL AS THE ORIGINAL. NEW FLANGE SHALL BE REINSTALLED WITH NEW HARDWARE AND EXISTING HANDRAIL SHALL BE SECURED. ALL COSTS FOR THIS WORK INCLUDING LABOR, MATERIALS, EQUIPMENT, REMOVAL, FABRICATION, INSTALLATION AND OTHER INCIDENTALS SHALL BE INCLUDED IN THE UNIT COST BID FOR ITEM SP-2.
22. THE FENCE DESIGNATED FOR REMOVAL WILL BE RETAINED BY ALDOT. THE CONTRACTOR SHALL CONTACT JAY PALMER AT (251) 937-2086 TO COORDINATE THIS EFFORT.
23. THESE PLANS SHOW A BASE BID AND FOUR (4) ADDITIVE ALTERNATES. THIS WORK IS DIVIDED AS FOLLOWS:

BASE BID INCULDES 325 SF OF BOARDWALK, TO EXTEND THE LIMITS OF THE ALREADY IN-PLACE BOARDWALK AS SHOWN IN THESE PLANS.

ADDITIVE ALTERNATE #1 INCLUDES AN OPTION TO INSTALL 2490 SF OF ADDITIONAL BOARDWALK AS SHOWN IN THESE PLANS. ALL COSTS FOR ADDITIONAL LABOR, MATERIALS, EQUIPMENT, FASTENERS, SCREWS, BOLTS SEALING/STAINING, FOUNDATION AND OTHER INCIDENTALS SHALL BE INCLUDED IN THE SQUARE FOOT UNIT COST BID FOR SP-1.

ADDITIVE ALTERNATE #2 INCLUDES AN OPTION TO RESET ONE (1) EXISTING CONCRETE PEDESTAL FOUNDATION AND INSTALL SIX (6) NEW LIGHT POLES AND HEADS ON EXISTING CONCRETE PEDESTAL FOUNDATIONS AS SHOWN IN THE PLANS. THE CONTRACTOR SHALL VERIFY THE EXISTING BOLT PATTERN, SPACING AND SIZE IS COMPATIBLE WITH THE NEW POLE PRIOR TO ORDERING. LIGHT FIXTURES SHALL BE "TURTLE FRIENDLY" AS SPECIFIED. ALL ADDITIONAL COSTS FOR THIS WORK INCLUDING LABOR, MATERIALS, EQUIPMENT, FABRICATION, HARDWARE, CONDUIT, CABLING, CONNECTION TO POWER SUPPLY, INSTALLATION AND ALL OTHER INCIDENTALS SHALL BE INCLUDED IN THE UNIT COST BID FOR ITEMS SP-4 AND SP-5.

ADDITIVE ALTERNATE #3 INCLUDES AN OPTION TO EXTEND THE PROJECT LIMITS FURTHER NORTH ALONG THE WALL AS SHOWN IN THE PLANS. ALL ADDITIONAL COSTS FOR THIS WORK SHALL BE INCLUDED IN THE APPROPRIATE CORRESPONDING PAY ITEMS.

ADDITIVE ALTERNATE #4 INCLUDES AN OPTION TO INSTALL 1120 SF OF ADDITIONAL BOARDWALK, STEPS, AND HANDRAILS AS SHOWN ON THE PLANS. ALL COSTS FOR ADDITIONAL LABOR, MATERIALS, EQUIPMENT, FASTENERS, SCREWS, BOLTS SEALING/STAINING, FOUNDATION AND OTHER INCIDENTALS SHALL BE INCLUDED IN THE SQUARE FOOT UNIT COST BID FOR SP-1.

SHEET NUMBER 1A

BKKBURK-KLEINPETER, INC.

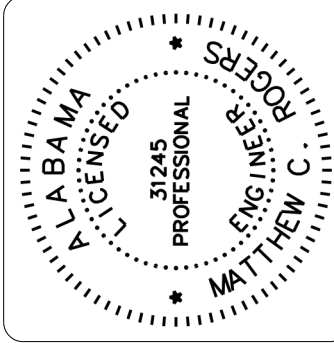
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ORANGE BEACH, ALABAMA 36561

PHONE (251) 652-2410 FAX (251) 652-2417



DESIGNED  
CHECKED

C.D.W.  
M.C.R.

SCALE

NOT TO SCALE

DATE

JAN 2017

PROJECT  
NUMBER

OB.16.002

PLAN  
SUBMITTAL

ISSUED FOR CONSTRUCTION

PROJECTTHE CITY OF ORANGE BEACH, ALABAMA  
PERDIDO PASS PARKING LOT  
AND SEAWALL REPAIRS – PHASE II

SHEET  
TITLEPLANS LEGEND & GENERAL NOTES

ALDOT STANDARD NOTES

1. ALL METERS ARE TO BE INSTALLED OFF OF ALDOT RIGHT OF WAY.

2. ALL MANHOLES, VALVE BOXES, AND HAND HOLES SHOULD BE FLUSH WITH EXISTING GROUND.

3. CONTACT DISTRICT MANAGER 48 HOURS PRIOR TO BEGINNING WORK ON ALDOT RIGHT-OF-WAY. THE DISTRICT ENGINEERS FOR THE REGION ARE AS FOLLOWS:  
  
SUB-REGION 9  
(91) MOBILE COUNTY – FRANKIE SMITH, (251) 470-8322  
(92) BALDWIN COUNTY – JAY PALMER, (251) 937-2086  
(93) ESCAMBIA AND CONECUH – BRENT MADDOX, (251) 578-7540  
  
SUB-REGION 8  
(82) MARENGO, PARTIAL CHOCTAW & PARTIAL WILCOX – DANNY ETHERIDGE, (334) 627-3458  
(83) MONROE & PARTIAL WILCOX – JOHNNY STALLWORTH, (334) 682-4718  
(84) CLARKE, WASHINGTON & PARTIAL CHOCTAW – DORELL OWENS, (251) 275-3676

4. WRITE LETTER REQUESTING TO MEET WITH DISTRICT MANAGER UPON COMPLETION OF PERMITTED WORK TO EVALUATE PUNCH LIST FOR COMPLETION OF PROJECT.

5. IF APPLICABLE, THE BOND ASSOCIATED WITH THE PERMIT WILL BE GOOD FOR ONE FULL YEAR AFTER THE WORK IS ACCEPTED BY THE DEPARTMENT.

6. ALL TRAFFIC CONTROL SHALL BE IN ACCORDANCE WITH PART 6 OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) 2009 EDITION. (IF PROJECT NECESSITATES LANE CLOSURE, LANE CLOSURE MUST BE MADE PART OF THE PERMIT.)

7. ON SITE REPRESENTATIVES & CONTACT INFORMATION: TIM TUCKER, (251)974-5492

8. ONSITE REPRESENTATIVES WILL HAVE ON HAND, AT ALL TIME:  
(1) APPROVED PERMIT AND PLANS STAMPED BY THE DIVISION ENGINEER  
(2) TRAFFIC CONTROL PLANS  
(3) EROSION CONTROL PLANS

9. ALL DISTURBED AREAS WILL BE RESODDED OR SEEDED AS DIRECTED BY THE DEPARTMENT OF TRANSPORTATION’S DISTRICT MANAGER.

10. ALL WORK WILL MEET OR EXCEED ALDOT SPECIFICATIONS.

11. ALL WORK ON THE ROW WILL BE IN CONFORMANCE WITH THE LATEST EDITION OF ALDOT STANDARD SPECIFICATIONS.

12. ELECTRIC POWER AND COMMUNICATION FACILITIES WILL CONFORM WITH THE CURRENT APPLICABLE NATIONAL ELECTRICAL SAFETY CODE.

13. A BEST MANAGEMENT PLAN SHALL AT MINIMUM RETURN ALL EXPOSED AREAS TO ORIGINAL OR BETTER CONDITION WITH A GOOD STAND OF GRASS AND/OR SOD. SILT FENCE AND ANY OTHER EROSION CONTROL ITEMS NEEDED SHALL BE USED TO PREVENT EROSION.

14. ALL TREES OVER 4” SHALL NOT BE CUT/REMOVED WITHOUT WRITTEN PERMISSION FROM ALDOT.

15. ALL INSTALLATIONS THAT REQUIRE BORE PITS MUST STATE/DEPICT BORE PIT DIMENSIONS.

16. ABSOLUTELY NO BORE PITS SHALL BE ALLOWED TO BE UNFILLED AND/OR UNCOVERED OVERNIGHT UNLESS PROTECTED. (BORE PITS HAVE A MINIMUM OF 72 HOURS TO BE OPEN BEFORE FILLED)

17. UPON COMPLETION & ANY TIME THEREAFTER, ALDOT RETAINS THE RIGHT TO REQUEST AN AS-BUILT PROFILE ON ANY BURIED UTILITIES IN SAID DEPARTMENT’S ROW.

18. WARNING: DO NOT DISTURB SURVEY MARKERS LOCATED ON ALDOT RIGHT-OF-WAY. ANY PROPERTY MARKERS DISTURBED DURING CONSTRUCTION SHALL BE RE-ESTABLISHED BY AN ALABAMA LICENSED PROFESSIONAL LAND SURVEYOR AT THE CONTRACTOR’S EXPENSE.

19. THE AMOUNT OF AREA TO BE DISTURBED DURING CONSTRUCTION OF THIS PERMIT IS 0.25 ACRES.

20. WATER LINES WILL CONFORM WITH THE CURRENTLY APPLICABLE STANDARDS OF THE AMERICAN WATER WORKS ASSOCIATION.

21. PRESSURE PIPE LINES WILL CONFORM WITH THE CURRENTLY APPLICABLE SECTIONS OF AMERICAN NATIONAL STANDARDS INSTITUTE (ANSI).

22. AS REQUIRED BY ALABAMA ACT 94-487: CALL TWO WORKING DAYS BEFORE EXCAVATION 1-800-292-8525, ALABAMA LINE LOCATION CENTER, INC.

23. IT SHALL BE THE CONTRACTOR’S RESPONSIBILITY TO CONTACT THE VARIOUS UTILITY OWNERS AND DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES ON THIS PROJECT, WHETHER SHOWN ON THE PLANS OR NOT, BEFORE COMMENCING WORK. THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR ANY DAMAGES WHICH MIGHT BE OCCASIONED BY HIS FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UTILITIES.

24. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY ORNAMENTALC VEGETATIVE LANDSCAPING (SHRUBS, FLOWERS, ORNAMENTAL GRASS, ETC.) DISTURBED DURING CONSTRUCTION AND SHALL BE REPLACED, TRANSPLANTED OR RESODDED AS DIRECTED BY THE ALABAMA DEPARTMENT OF TRANSPORTATION DISTRICT MANAGER.

25. ALL FILL MATERIAL OR ONSITE DEBRIS DEPOSITED IN THE RIGHT-OF-WAY SHALL BE REMOVED PRIOR TO INSSUANCE OF CERTIFICATE OF OCCUPANCY.

26. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY SOLID WASTE (I.E., WOOD, STUMPS, ETC.) TO BE DISPOSED OF AND MUST BE IN ACCORDANCE WITH APPLICABLE REGULATIONS OF THE ALABAMA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT (ADEM).

27. PROPERTY OBSTRUCTIONS WHICH ARE TO REMAIN IN PLACE, SUCH AS HISTORICAL STRUCTURES, TREES, DRAINS, WATER OR GAS PIPES, POLES, WALL, ETC., ARE NOT TO BE DISTURBED UNLESS NOTED AND APPROVED BY SHPO, ALDOT, ADEM, EPA, ETC.

28. CLEAN UP STREETS IMMEDIATELY AFTER CONCRETE OR OTHER DELIVERY TRUCKS LEAVE THE SITE. MUD AND DEBRIS ARE TO BE KEPT OFF STREETS, INLETS, DITCHED, ETC.

29. FUEL TANKS SHALL NOT BE STORED ON THE RIGHT-OF-WAY OVERNIGHT. VEHICLES TRANSPORTING FUEL, CHEMICALS, FERTILIZERS, ETC. ONTO RIGHT-OF-WAY SHALL NOT BE LEFT UNATTENDED.

30. PROMPTLY NOTIFY THE ENGINEER AND ALDOT OF ANY PERCEIVED CONFLICTS, AMBIGUOUS ITEMS OR DEFICIENCIES IN THE PLANS, SPECIFICATIONS, GENERAL NOTES OR RELATED CONTRACT DOCUMENTS.

31. A REFLECTORIZED DRUM SHALL BE PLACED IN FRONT OF EACH CONSTRUCTION SIGN THAT IS STORED ON THE SHOULDER AT ANY TIME DURING THE COURSE OF THE PROJECT, INCLUDING BUT NOT LIMITED TO COVERED SIGNS AND TEMPORARY MOUNTED SIGNS THAT HAVE BEEN LAID OVER. THE COST OF THIS REQUIREMENT SHALL BE A SUBSIDIARY OBLIGATION OF ITEM 740B-000 (CONSTRUCTION SIGNS) WHEN A PAY ITEM FOR CHANNELIZING DRUMS IS NOT PROVIDED IN THE PLANS.

32. THE EXISTING SPEED LIMIT ALONG SR-182 IS 45 MPH.

33. THIS PROJECT IS LOCATED AT MILEPOST 14.74 OF SR-182.

BKI

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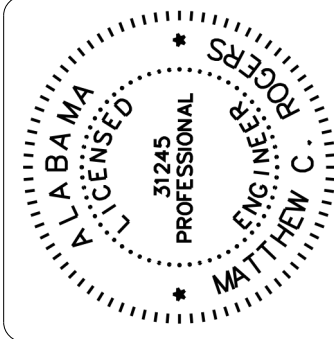
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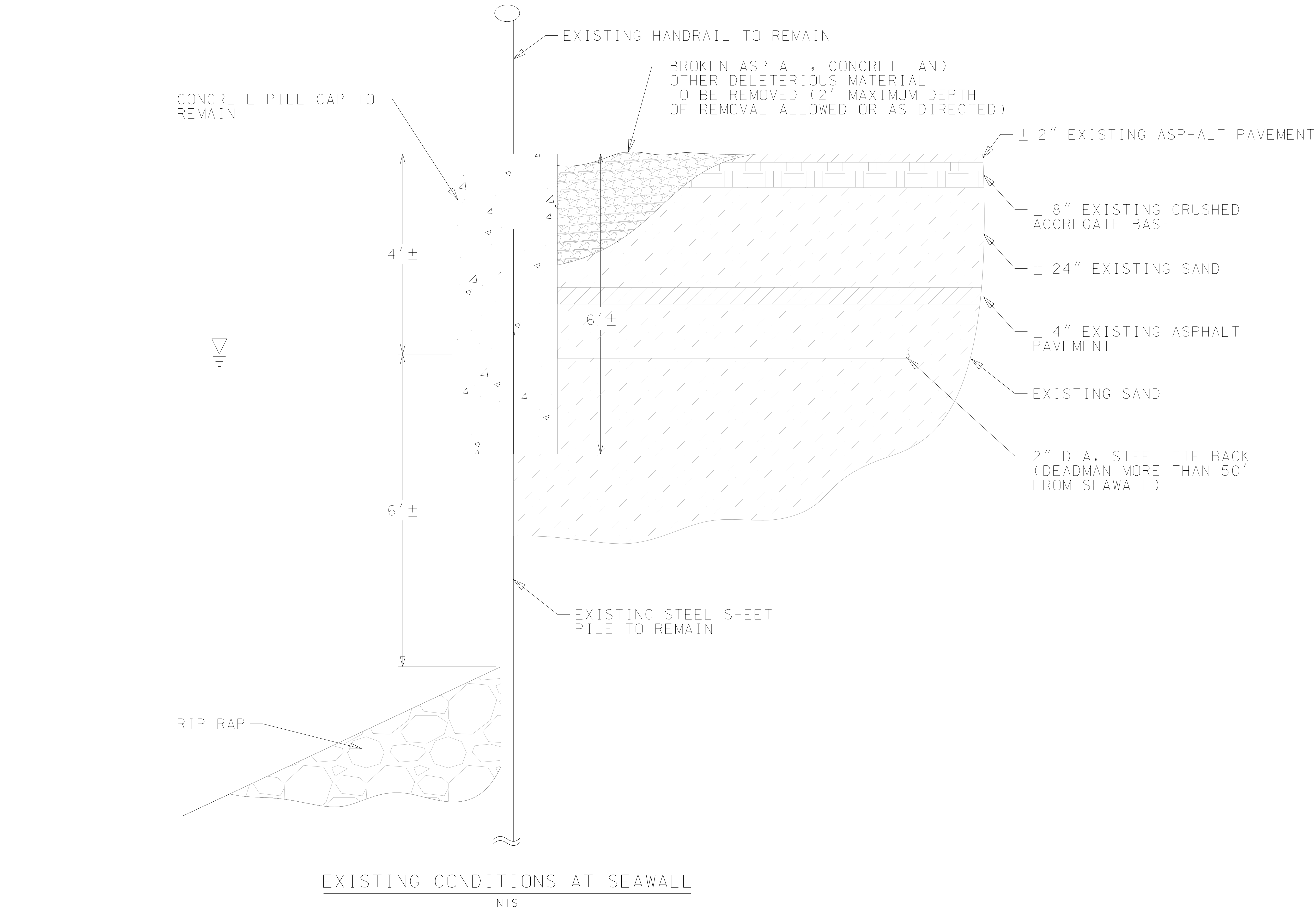
PHONE (251) 652-2410 FAX (251) 652-2417



DESIGNED CHECKED	C.D.W. M.C.R.	SCALE	NOT TO SCALE
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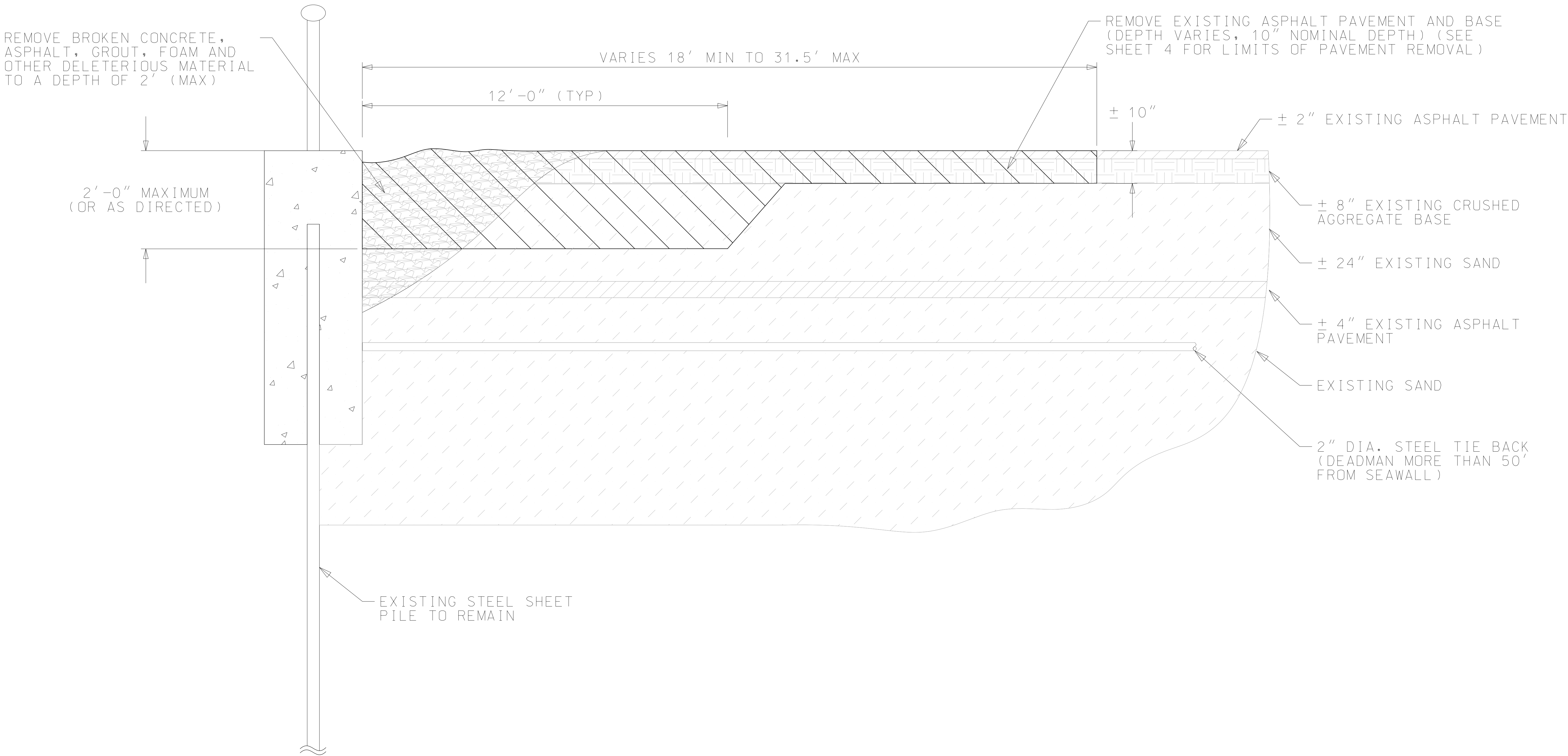
PROJECT	THE CITY OF ORANGE BEACH, ALABAMA PERDIDO PASS PARKING LOT AND SEAWALL REPAIRS – PHASE II
SHEET TITLE	ALDOT STANDARD NOTES

TYPICAL SECTIONS



PROJECT		THE CITY OF ORANGE BEACH, ALABAMA PERDIDO PASS PARKING LOT AND SEAWALL REPAIRS – PHASE II	
SHEET TITLE		TYPICAL SECTIONS	
DESIGNED CHECKED	C.D.W. M.C.R.	SCALE	NOT TO SCALE
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<div><div><b>BK</b></div><div><b>BURK-KLEINPETER, INC.</b> ENGINEERS, ARCHITECTS, PLANNERS, ENVIRONMENTAL SCIENTISTS WWW.BKUSA.COM 4751 MAIN STREET, SUITE F-212 ORANGE BEACH, ALABAMA 36561 PHONE (251) 652-2410 FAX (251) 652-2417</div></div> <div><div>ALABAMA LICENSED PROFESSIONAL ENGINEER</div><div>37245 MATTHEW C.</div></div>			
SHEET NUMBER 2			

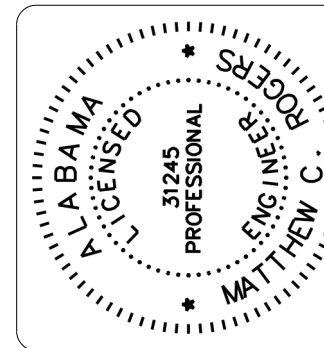
TYPICAL SECTIONS



TYPICAL SECTION OF DEMOLITION WORK  
NTS

SHEET NUMBER 2A

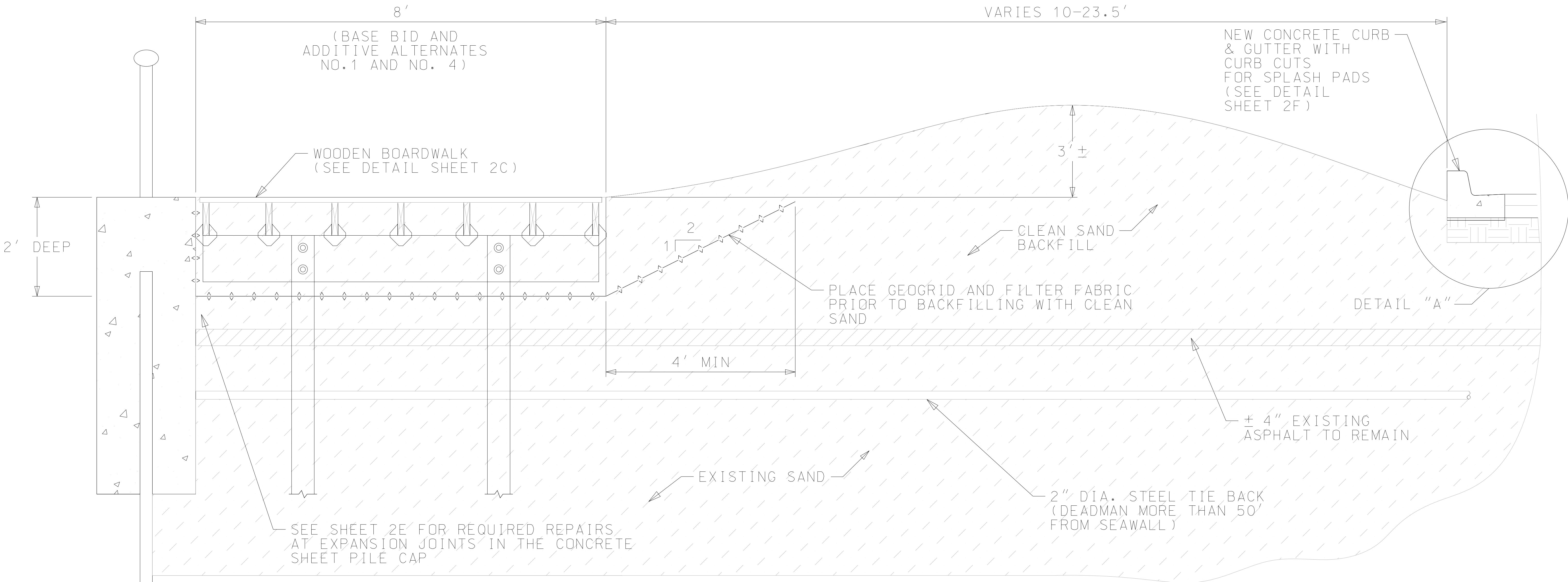
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PROJECT	THE CITY OF ORANGE BEACH, ALABAMA PERDIDO PASS PARKING LOT AND SEAWALL REPAIRS - PHASE II
SHEET TITLE	TYPICAL SECTIONS

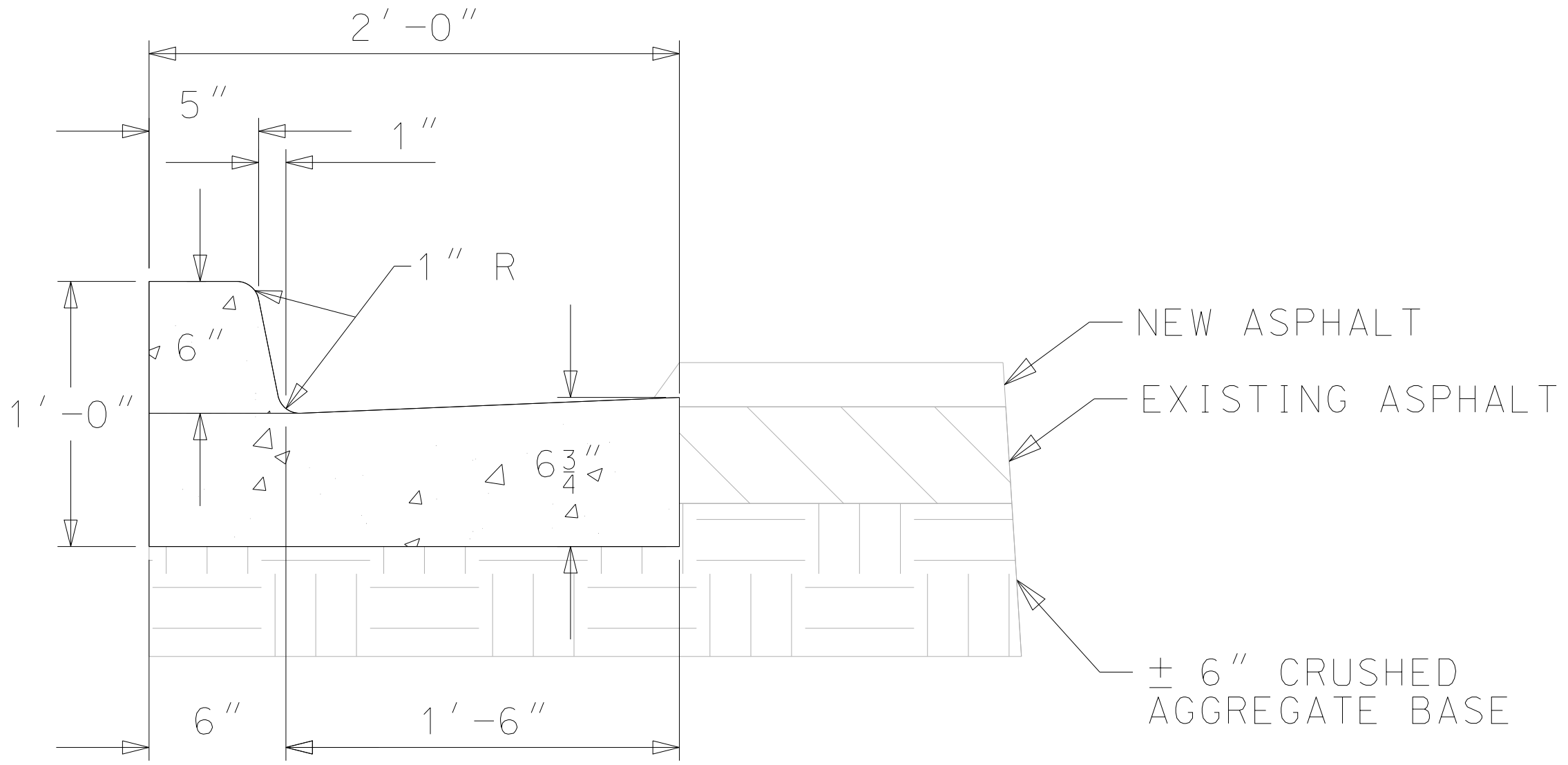
TYPICAL SECTIONS



TYPICAL SECTION OF PROPOSED BACKFILL AND BOARDWALK ADDITIVE ALTERNATE

NTS

\* SEE SHEET 2F FOR DETAIL OF CONCRETE SPLASH PAD AT TRAPEZOIDAL OPENING IN CURB

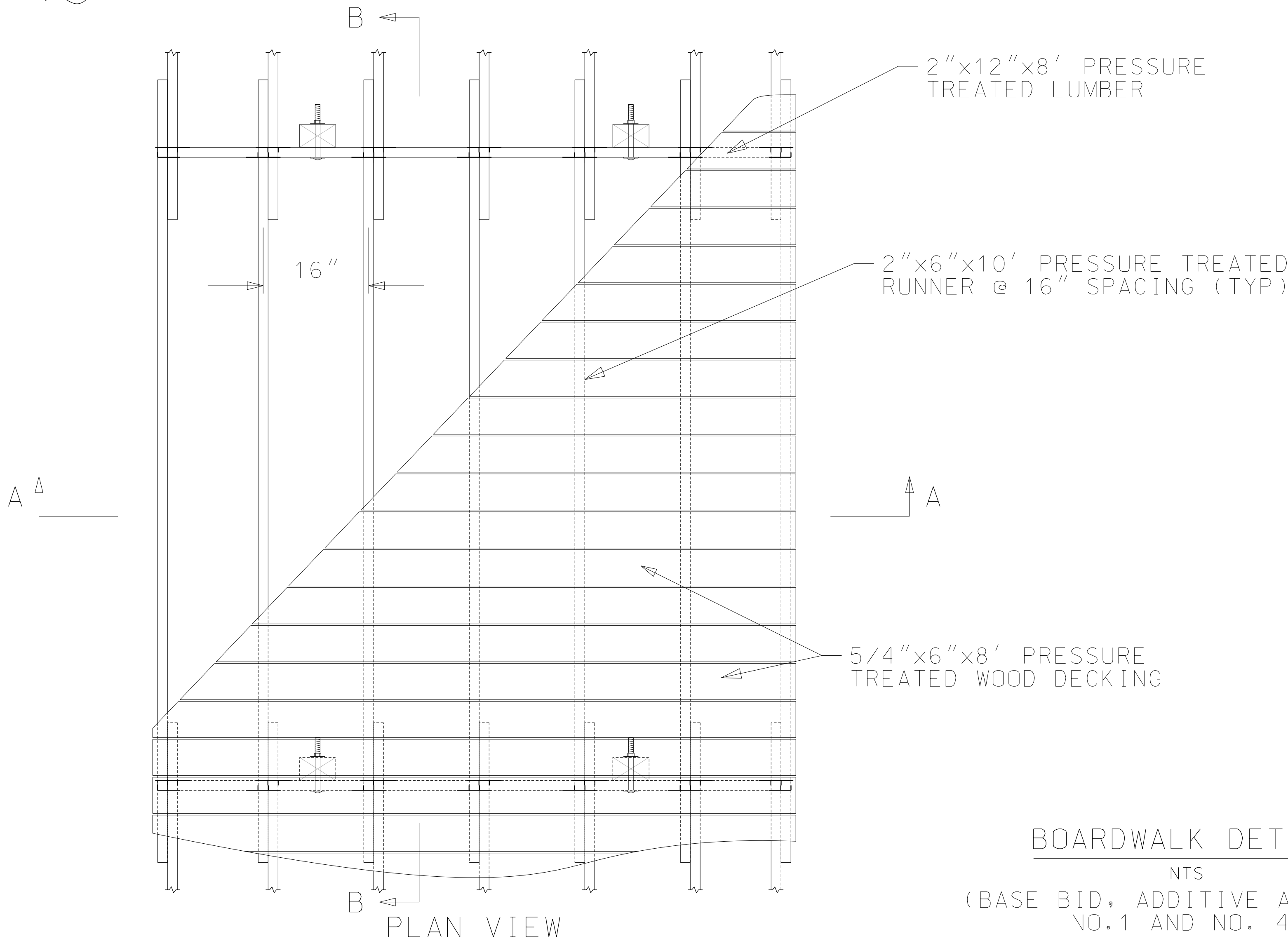
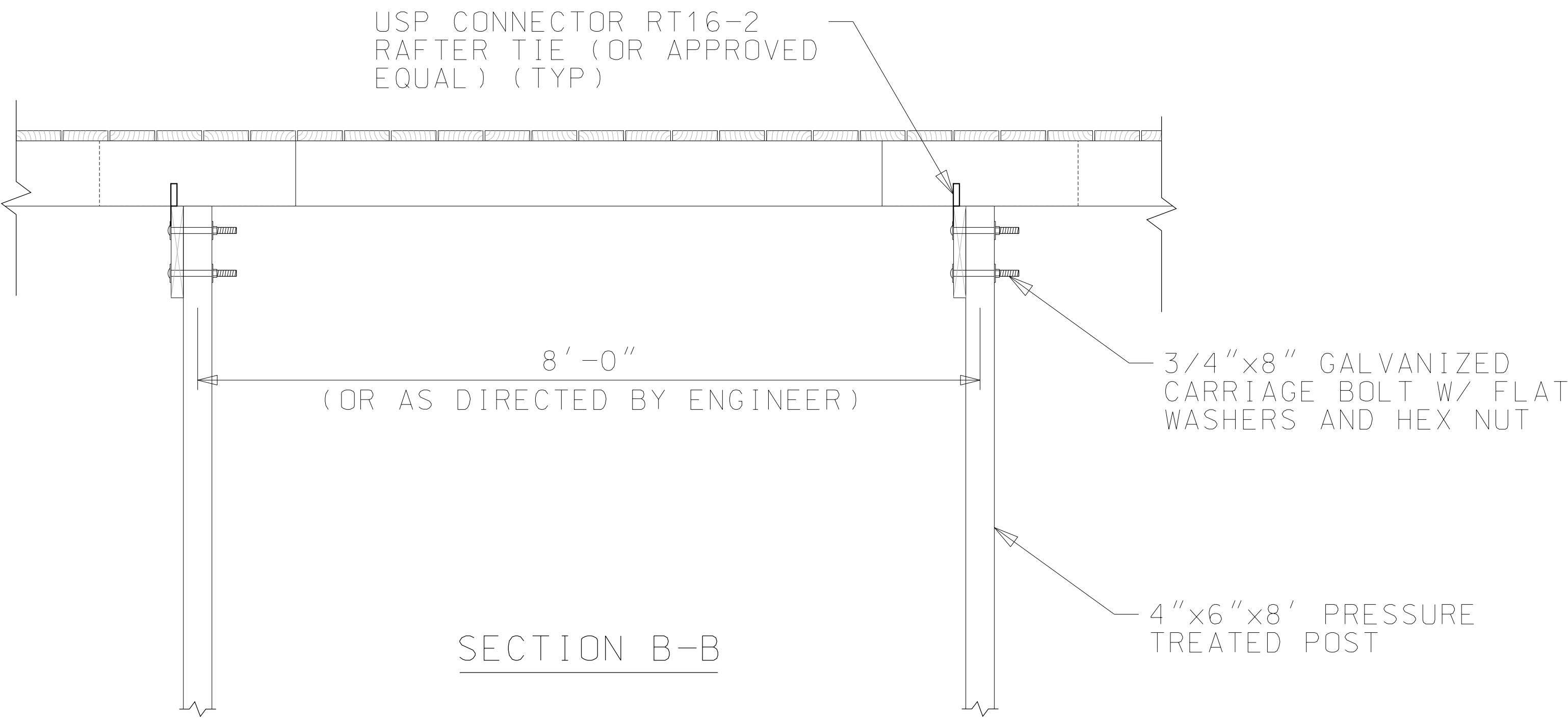
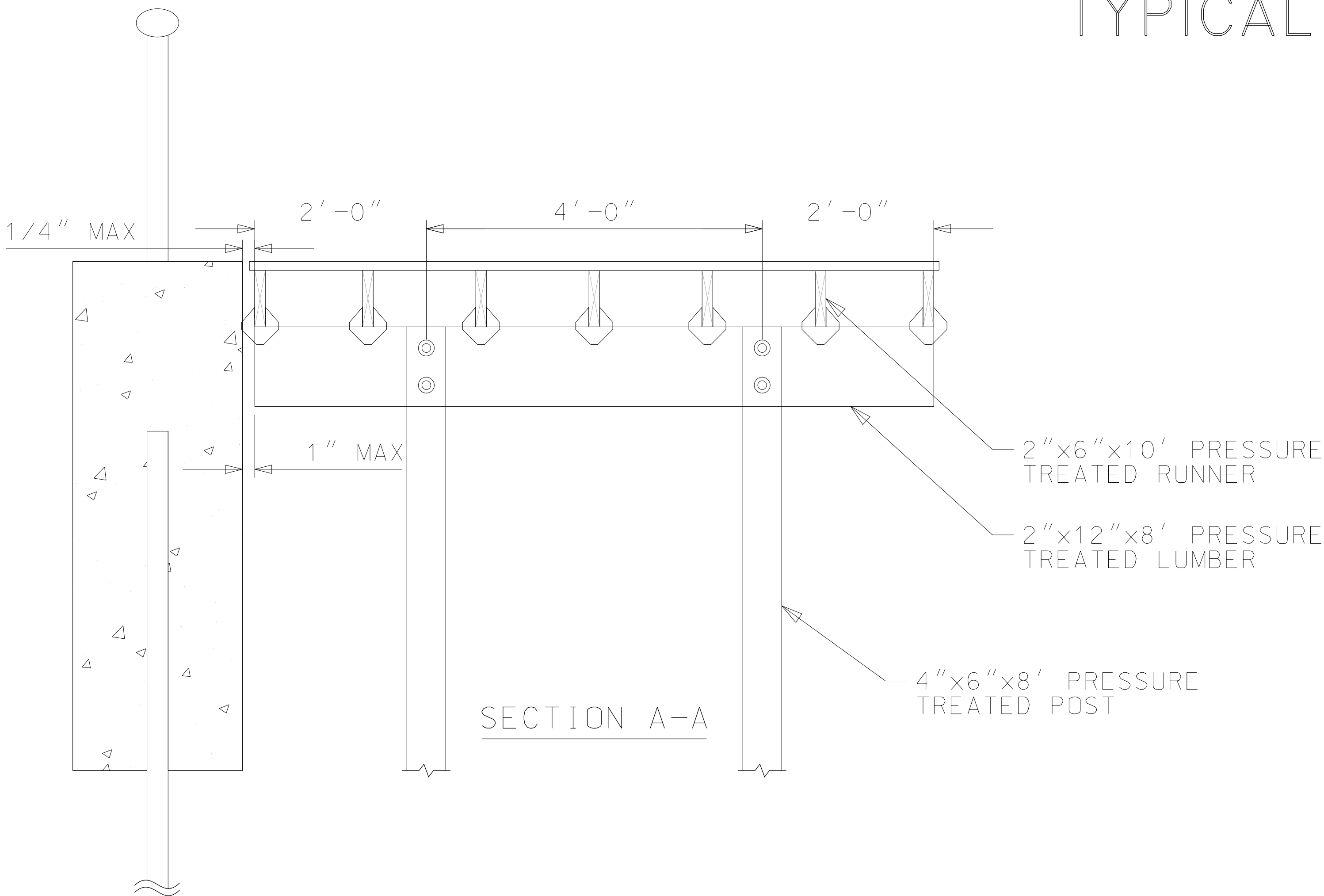


DETAIL "A"

TYPE "C" (MODIFIED) CURB & GUTTER

NTS

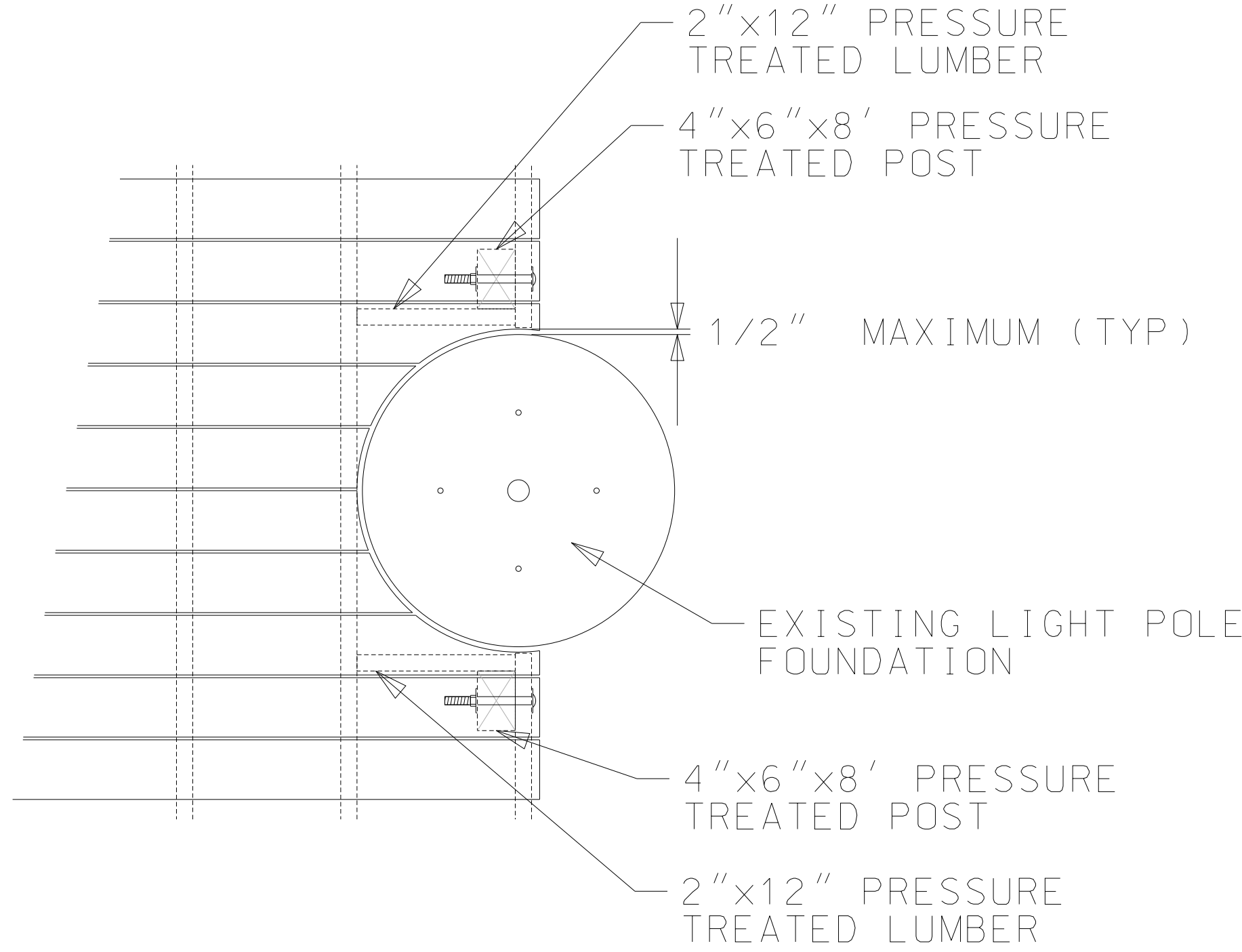
TYPICAL SECTIONS



BOARDWALK DETAIL

NTS

(BASE BID, ADDITIVE ALTERNATE  
NO.1 AND NO. 4)



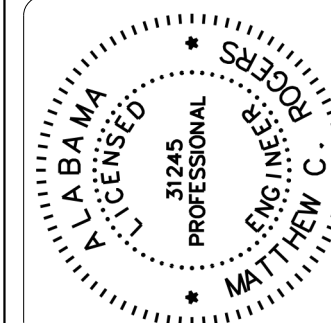
LIGHT POLE CUTOUT DETAIL

NTS

- NOTES:
- 1.ALL WOODEN DECK BOARDS SHALL BE FASTENED WITH 2 POLYMER-COATED STAR DRIVE DECK SCREWS (#9x2 1/2") PER RUNNER (16" O.C.)
  - 2.CONTRACTOR SHALL USE EXTREME CAUTION WHEN DRIVING POSTS. PATH OF EACH POST SHALL BE PROBED TO A DEPTH 2' BELOW TIP ELEVATION TO ENSURE NO DAMAGE IS DONE TO EXISTING STEEL TIEBACKS.

SHEET  
NUMBER 2C

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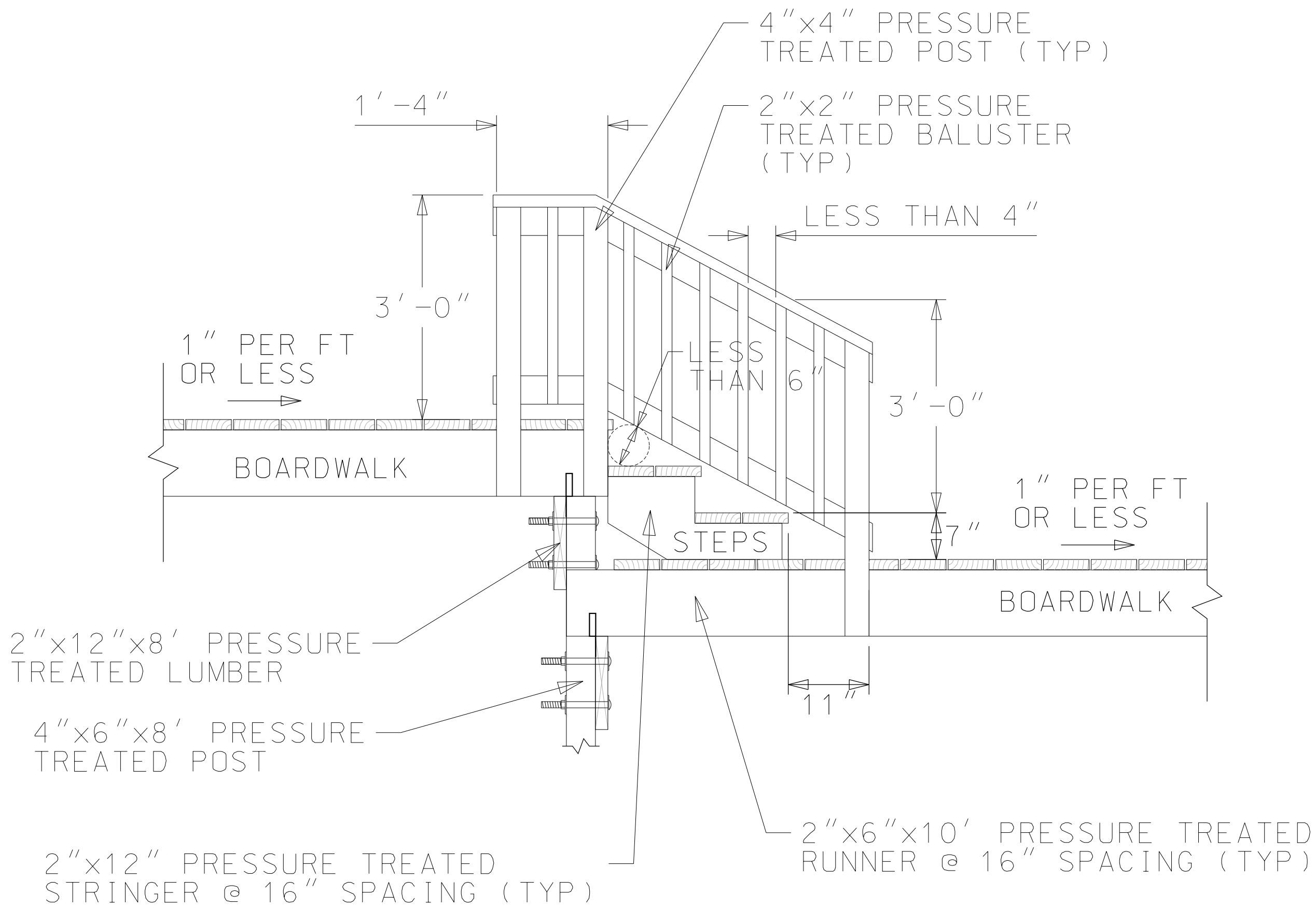
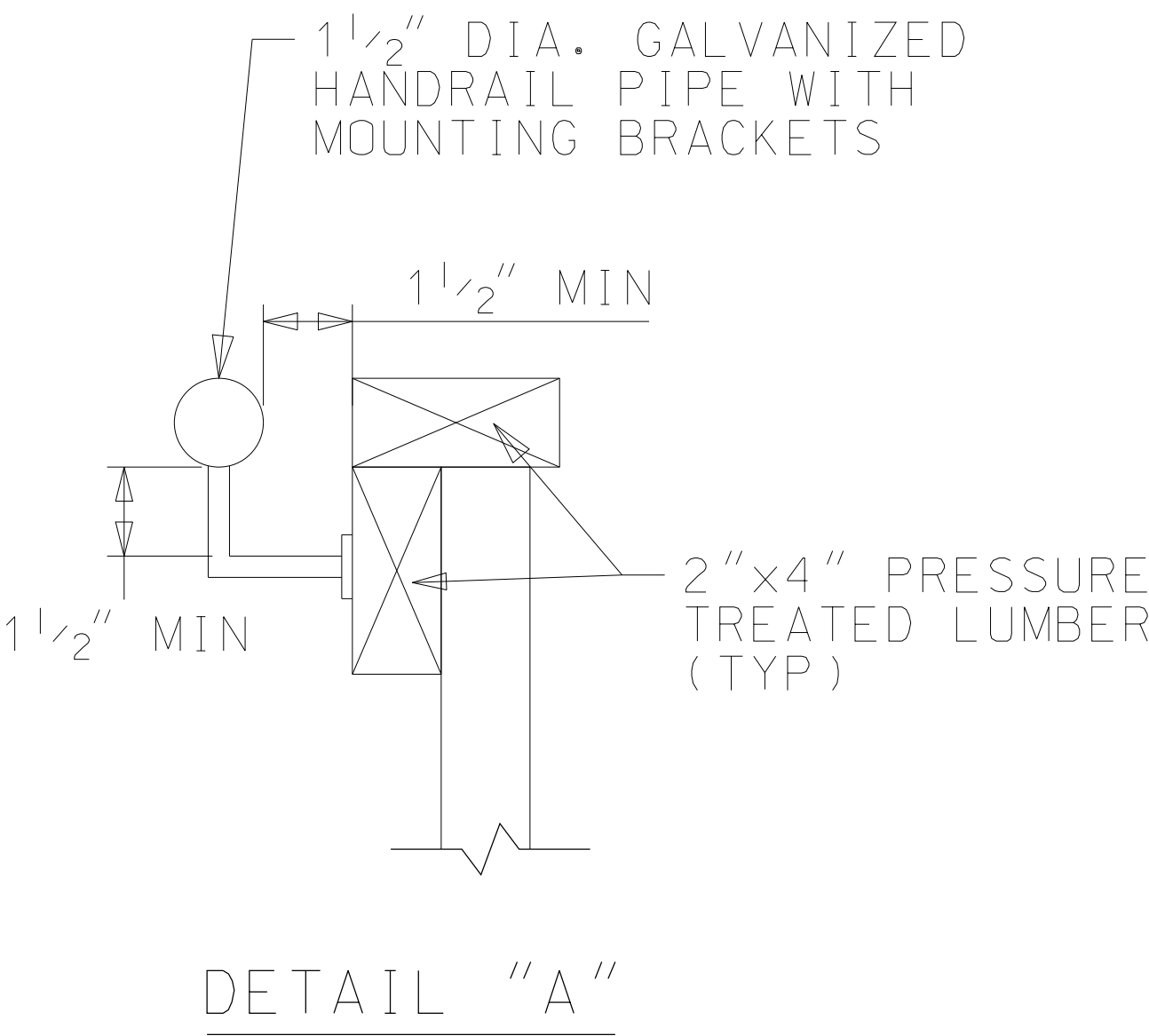
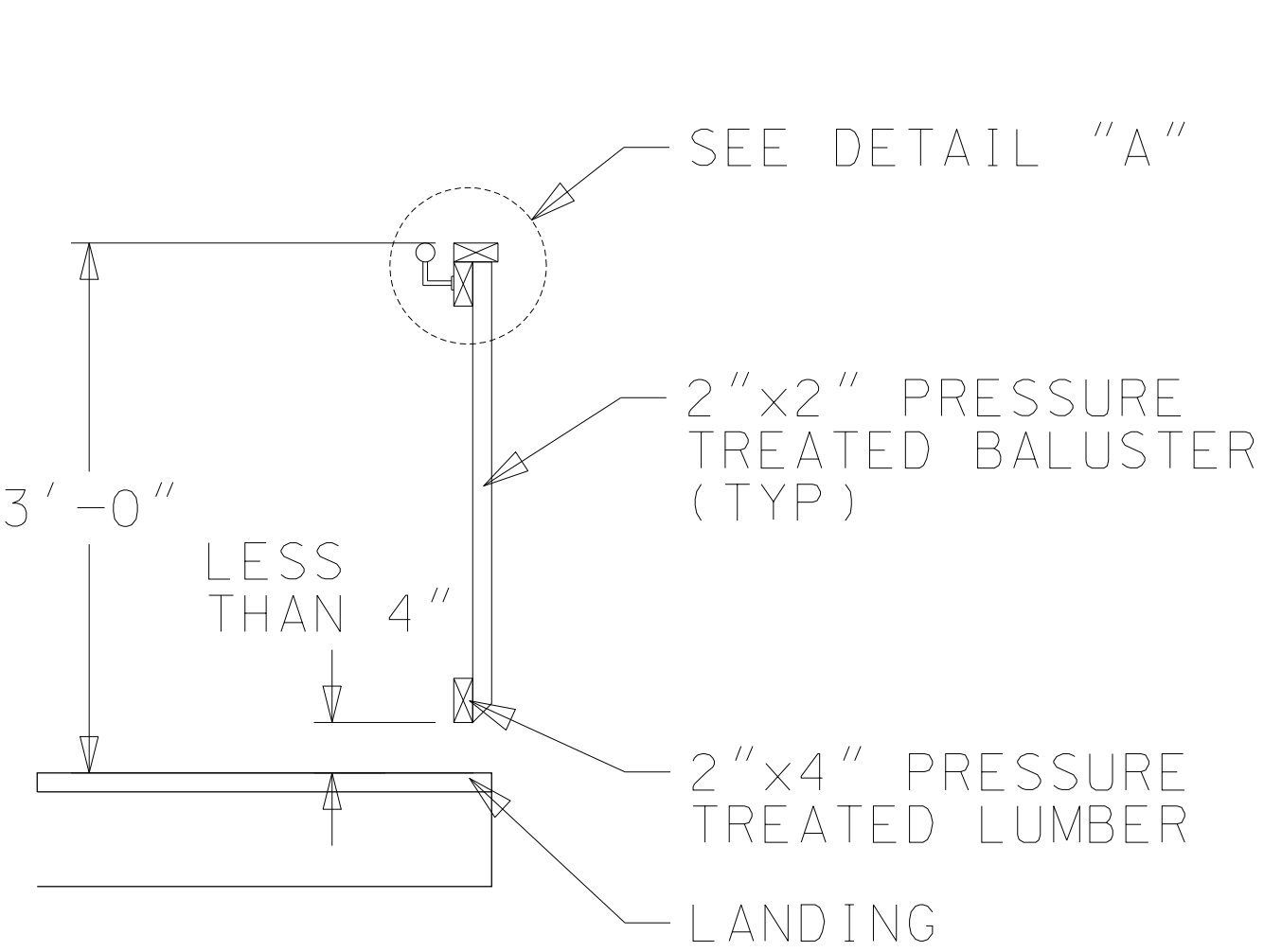
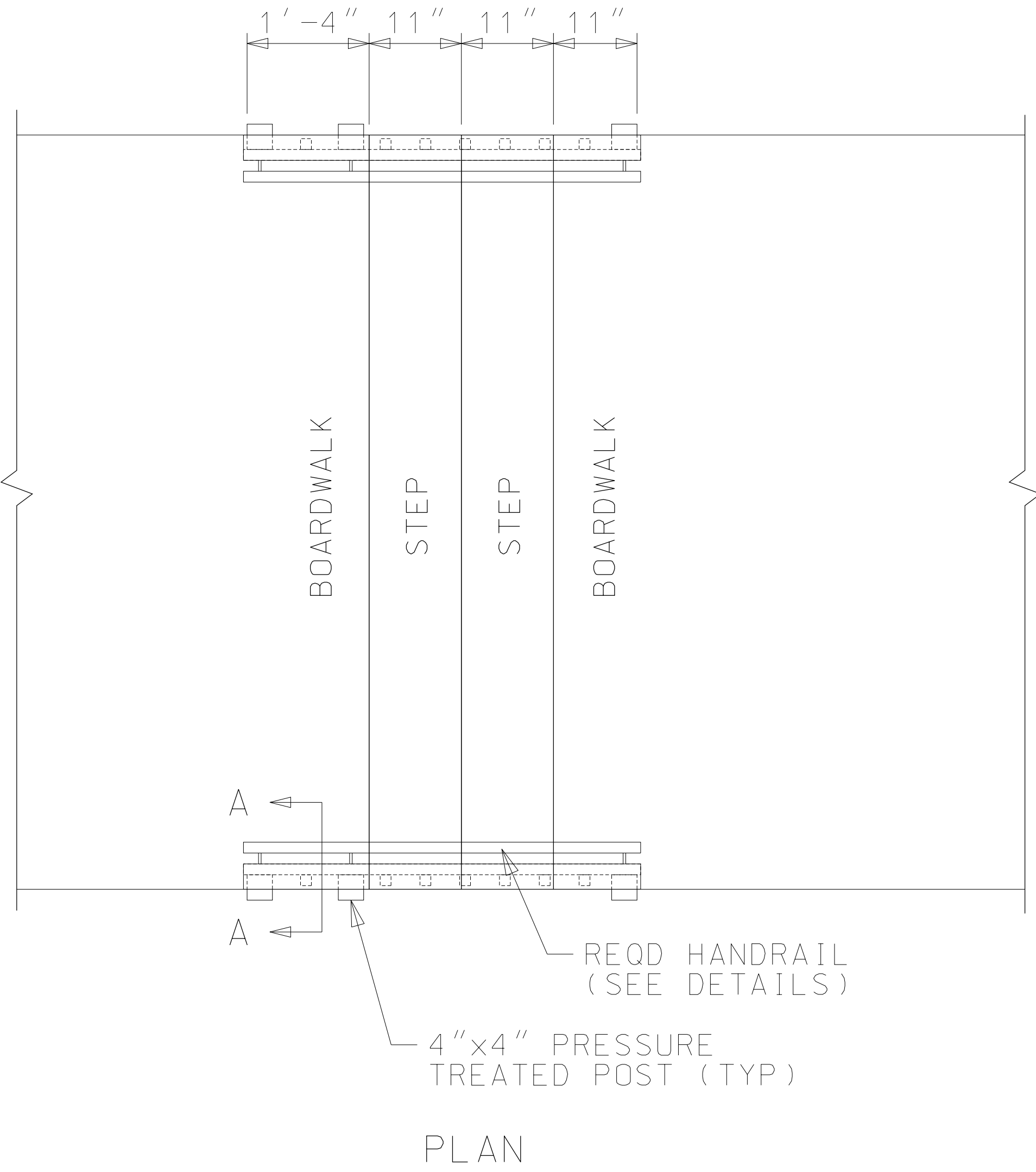
DESIGNED	C.D.W.	SCALE	NOT TO SCALE
CHECKED	M.C.R.	PROJECT	OB.16.002
DATE	JAN 2017	NUMBER	
PLAN	ISSUED FOR CONSTRUCTION		
SUBMITAL			

PROJECT THE CITY OF ORANGE BEACH, ALABAMA  
PERDIDO PASS PARKING LOT  
AND SEAWALL REPAIRS - PHASE II

SHEET  
TITLE

TYPICAL SECTIONS

TYPICAL SECTIONS

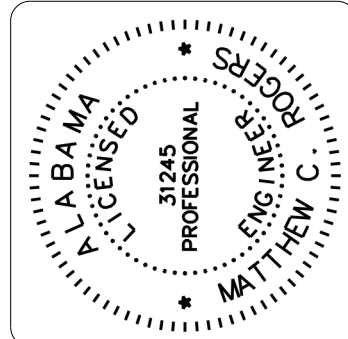


NOTES: 1.CONTRACTOR SHALL USE THE SAME MATERIALS AND CONSTRUCTION TECHNIQUES AS NOTED ON SHEET 2C.

2.ALL COSTS ASSOCIATED WITH THE STAIRS AND HANDRAIL AS SHOWN HEREIN SHALL BE CONSIDERED A SUBSIDIARY OBLIGATION OF PAY ITEM SP-1, WOODEN PEDESTRIAN BOARDWALK.

STAIR AND HANDRAIL DETAIL  
NTS  
(ADDITIVE ALTERNATE NO. 4)

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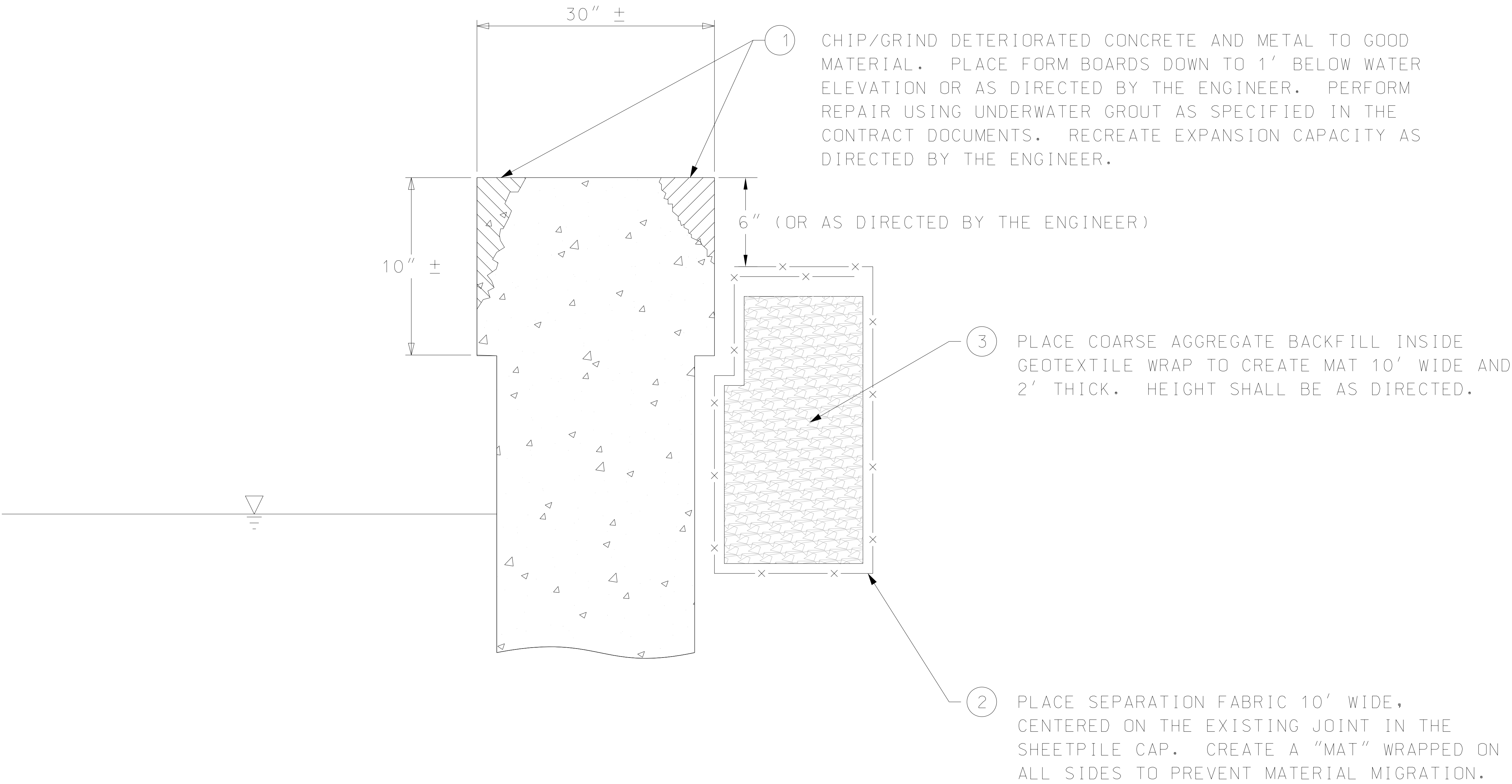


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DATE	JAN 2017	NUMBER	
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SUBMITTAL			

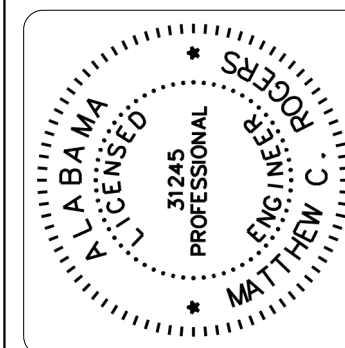
PROJECT THE CITY OF ORANGE BEACH, ALABAMA  
PERDIDO PASS PARKING LOT  
AND SEAWALL REPAIRS - PHASE II

SHEET TITLE TYPICAL SECTIONS

TYPICAL SECTIONS



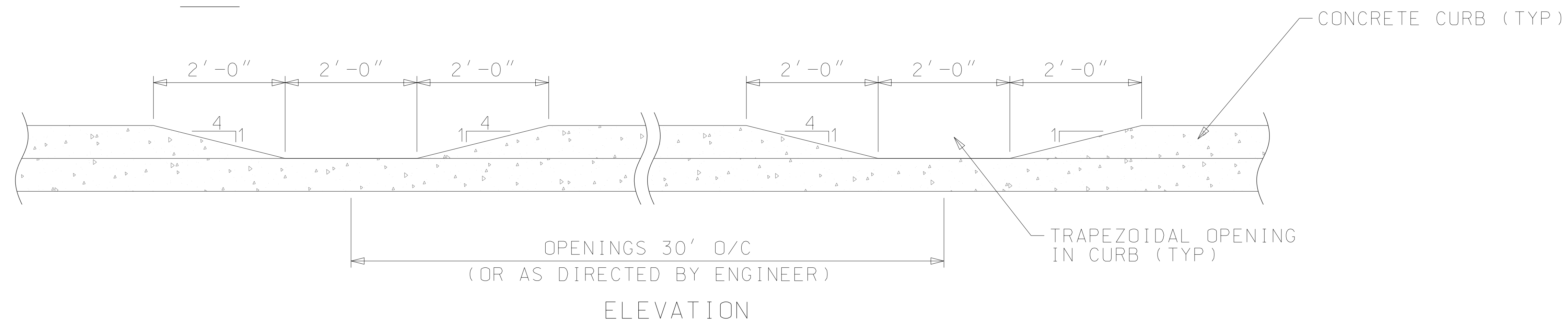
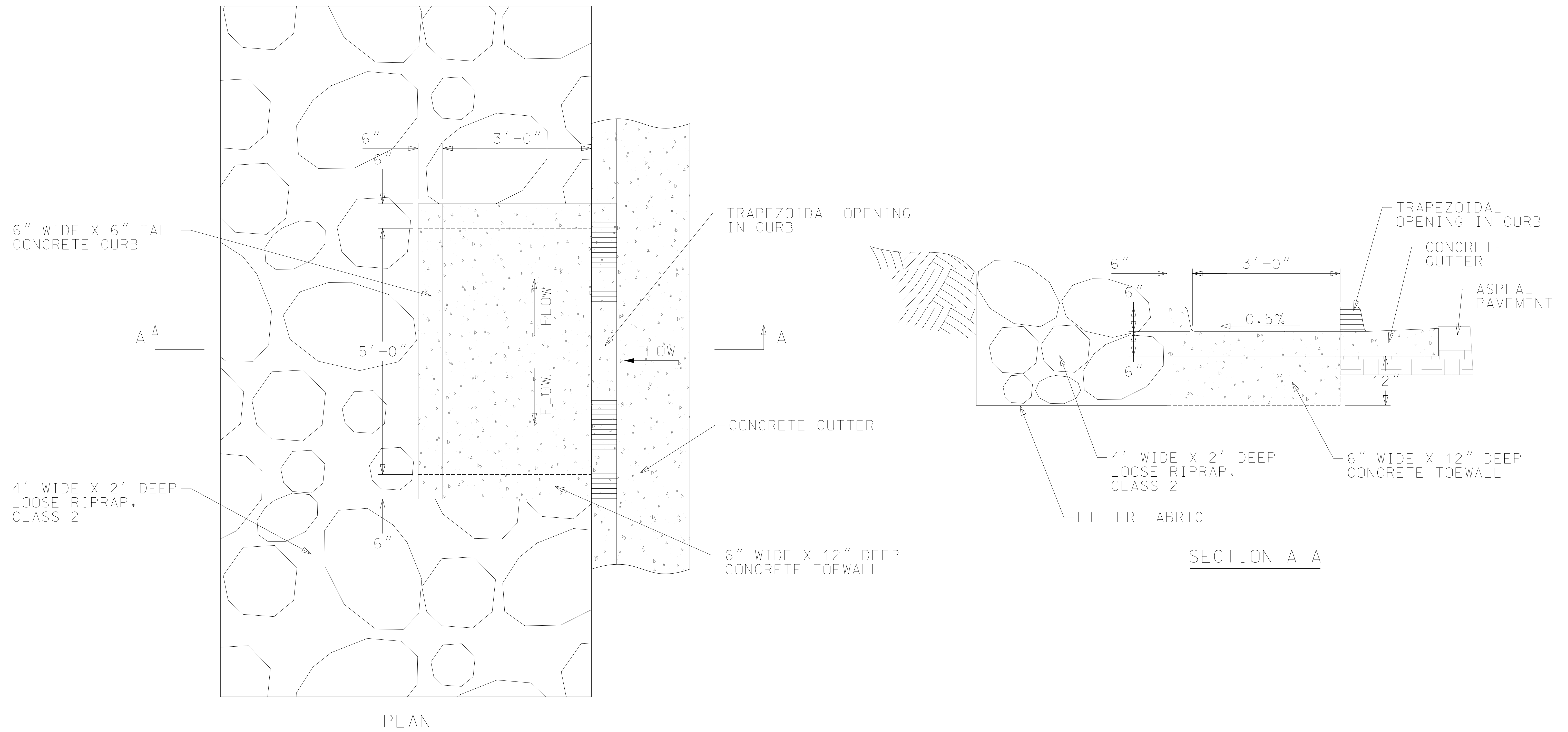
REPAIR AT EXISTING EXPANSION JOINT IN CONCRETE SHEET PILE CAP  
NTS



DESIGNED CHECKED	C.D.W. M.C.R.	SCALE	NOT TO SCALE
DATE	JAN 2017	PROJECT NUMBER	OB.16.002
PLAN SUBMITTAL	ISSUED FOR CONSTRUCTION		

PROJECT	THE CITY OF ORANGE BEACH, ALABAMA PERDIDO PASS PARKING LOT AND SEAWALL REPAIRS – PHASE II
SHEET TITLE	TYPICAL SECTIONS

## TYPICAL SECTIONS

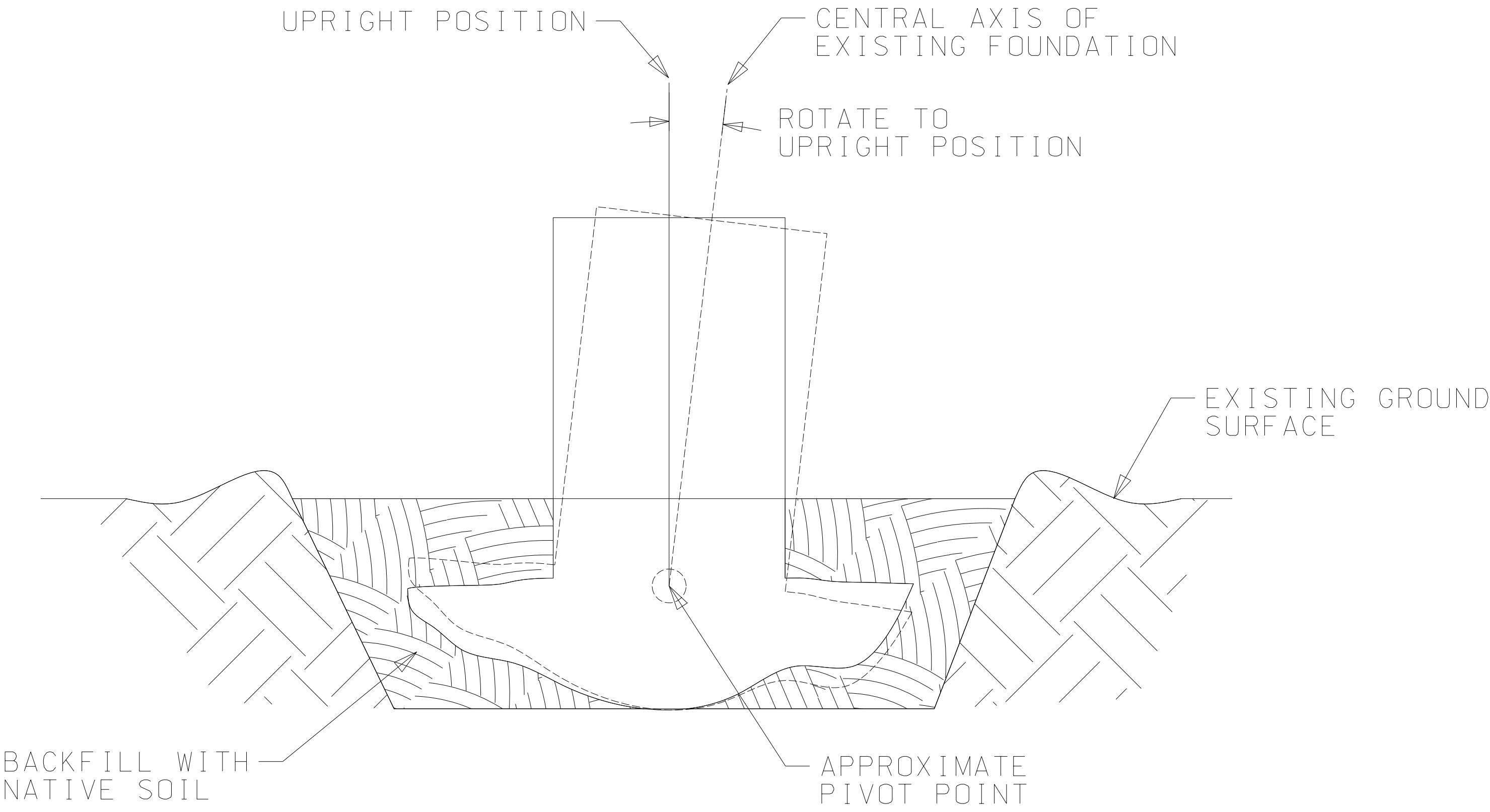


## CONCRETE SPLASH PAD DETAIL

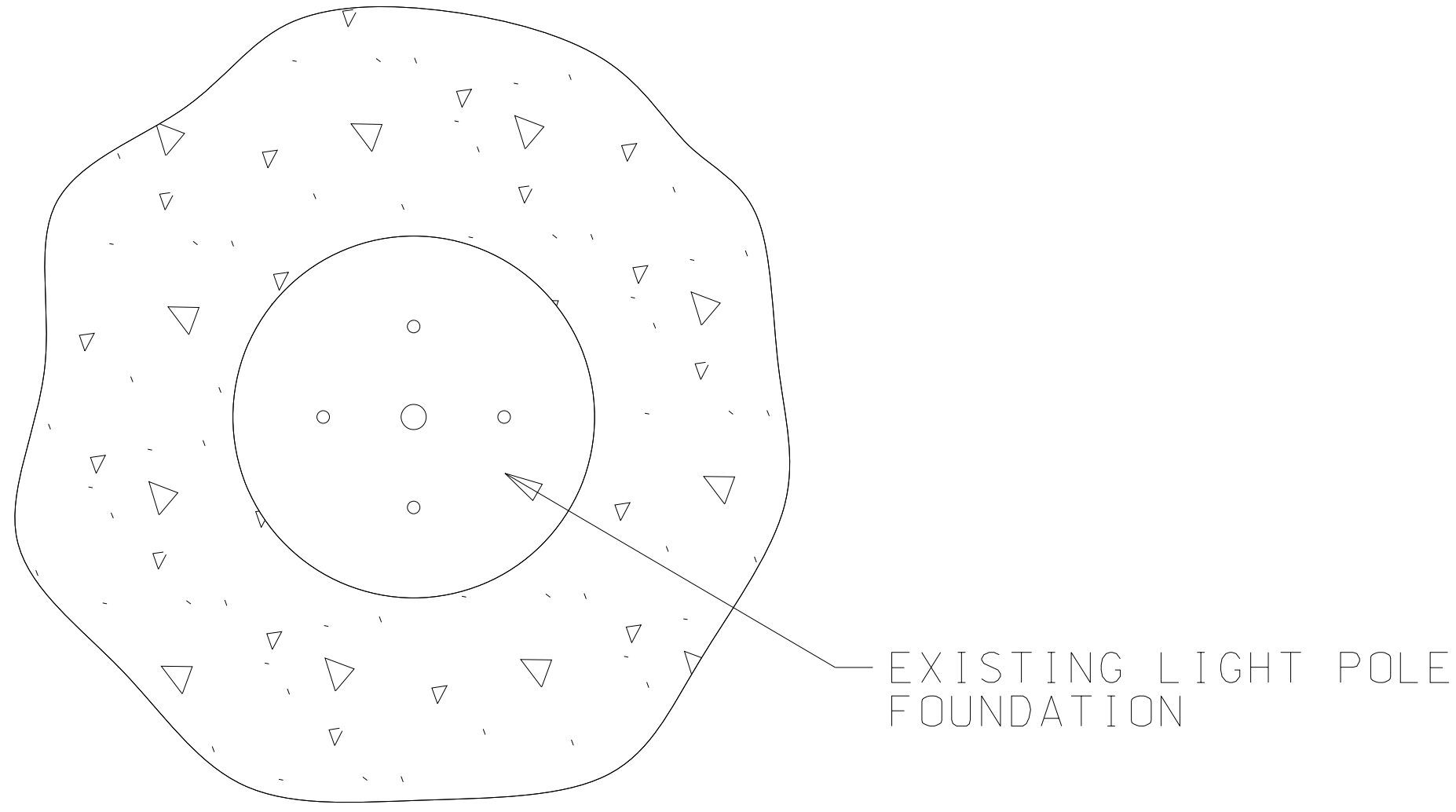
NTS

(BASE BID AND ADDITIVE ALTERNATE NO. 3)

TYPICAL SECTIONS

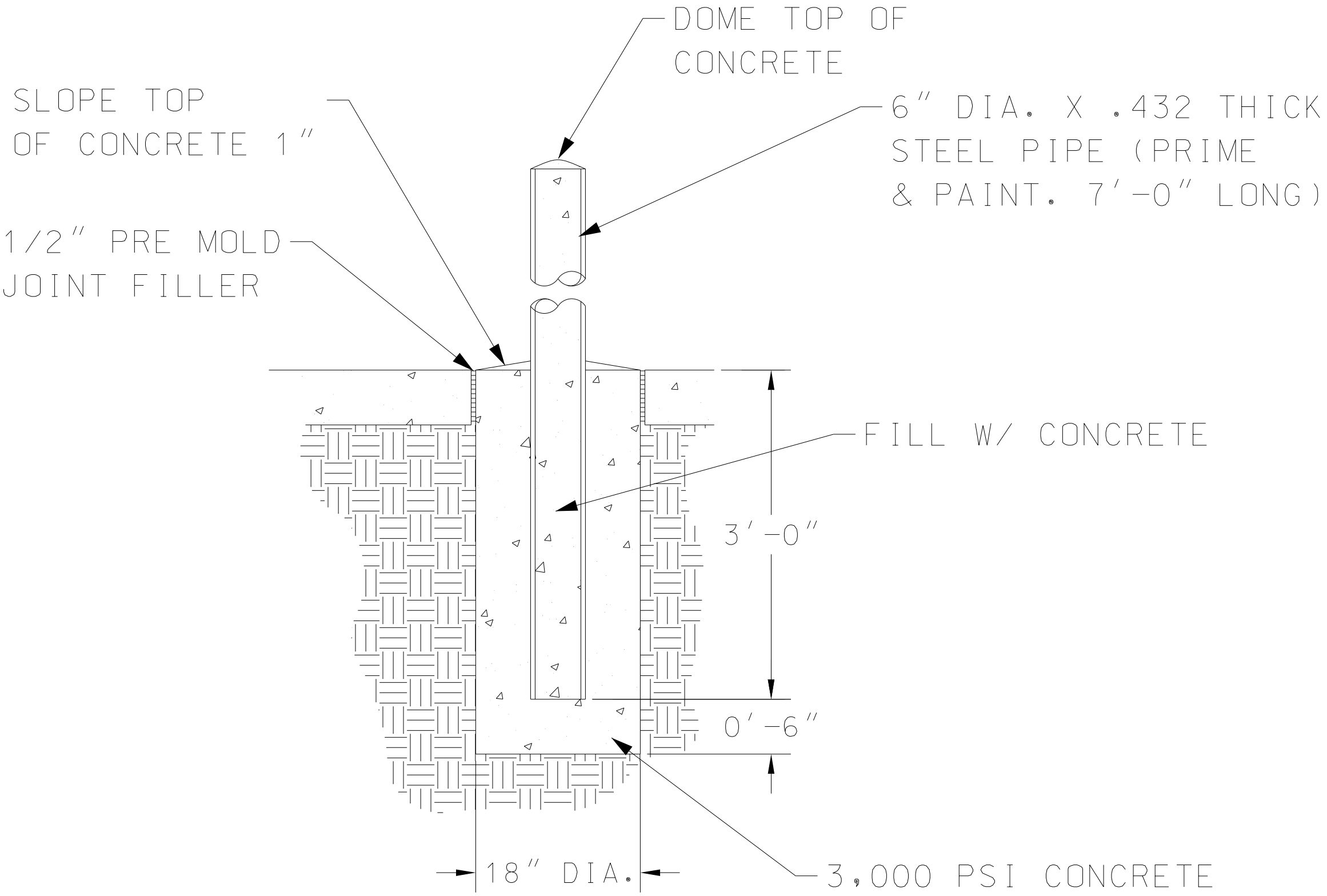


ELEVATION

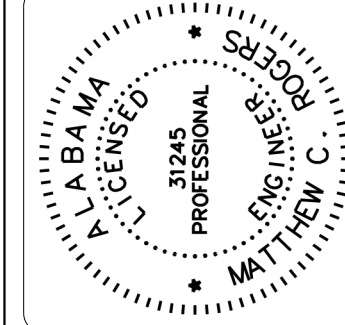


PLAN

RESET EXISTING CONCRETE PEDESTAL FOUNDATION DETAIL  
NTS  
(ADDITIVE ALTERNATE NO. 2)



TYPICAL BOLLARD DETAIL  
NTS



DESIGNED	C.D.W.	SCALE	NOT TO SCALE
CHECKED	M.C.R.		
DATE	JAN 2017	PROJECT NUMBER	OB.16.002
PLAN SUBMITTAL	ISSUED FOR CONSTRUCTION		

SUMMARY OF QUANTITIES

BASE BID				
ITEM NUMBER	ITEM DESCRIPTION	UNIT	BID QUANTITY	AS-BUILT QUANTITY
206C-026	REMOVING ASPHALT PAVEMENT	SY	600.00	
206D-001	REMOVING GUARDRAIL (INCLUDING POSTS)	LF	180.00	
206D-011	REMOVING FENCE (INCLUDING GATES)	LF	216.00	
206G-002	REMOVAL OF RUBBLE (RIPRAP/CONCRETE)	CY	130.00	
210A-000	UNCLASSIFIED EXCAVATION	CY	200.00	
210D-022	BORROW EXCAVATION (CLEAN SAND)	CY (TBM)	500.00	
243A-002	SOIL STABILIZATION GEOGRID, TYPE 3	SY	300.00	
301B-999	COARSE AGGREGATE BACKFILL MATERIAL (UNCRUSHED #57 STONE)	TON	5.00	
490D-000	SPALL REPAIR	LS	1.00	
600A-000	MOBILIZATION	LS	1.00	
610C-001	LOOSE RIPRAP, CLASS 2	TON	120.00	
610D-003	FILTER BLANKET, GEOTEXTILE	SY	520.00	
614A-000	SLOPE PAVING	CY	3.00	
623C-003	COMBINATION CURB & GUTTER, TYPE C (MODIFIED)	LF	340.00	
665O-000	TEMPORARY EROSION CONTROL	LS	1.00	
674A-000	CONSTRUCTION SAFETY FENCE	LF	500.00	
740A-000	TRAFFIC CONTROL SCHEME	LS	1.00	
770L-005	BOLLARD, COMPLETE IN PLACE	EA	1.00	
902A-000	6' HIGH CHAIN LINK FENCE (MATCH EXISTING, INCLUDING GATES)	LF	40.00	
SP-1	WOODEN PEDESTRIAN BOARDWALK (COMPLETE INCL. STAIN/SEAL)	SF	325.00	
SP-2	REPLACE BROKEN HANDRAIL FLANGES	EA	1.00	
SP-3	PAINTING CONCRETE PILECAP	SF	700.00	
LS-1	SABAL PALMETTO / CABBAGE PALM, FG,14-20' CT	EA	30.00	
ADDITIVE ALTERNATE #1				
ITEM NUMBER	ITEM DESCRIPTION	UNIT	QUANTITY	
770L-005	BOLLARD, COMPLETE IN PLACE	EA	2.00	
SP-1	WOODEN PEDESTRIAN BOARDWALK (COMPLETE INCL. STAIN/SEAL)	SF	2490.00	
ADDITIVE ALTERNATE #2				
ITEM NUMBER	ITEM DESCRIPTION	UNIT	QUANTITY	
SP-4	RESETTING CONCRETE PEDESTAL	EA	1.00	
SP-5	NEW LIGHT POLES AND HEADS (COMPLETE)	EA	6.00	
ADDITIVE ALTERNATE #3				
ITEM NUMBER	ITEM DESCRIPTION	UNIT	QUANTITY	
206C-026	REMOVING ASPHALT PAVEMENT	SY	500.00	
206D-001	REMOVING GUARDRAIL (INCLUDING POSTS)	LF	55.00	
206D-011	REMOVING FENCE (INCLUDING GATES)	LF	174.00	
206G-002	REMOVAL OF RUBBLE (RIPRAP/CONCRETE)	CY	150.00	
210A-000	UNCLASSIFIED EXCAVATION	CY	250.00	
210D-022	BORROW EXCAVATION (CLEAN SAND)	CY (TBM)	450.00	
243A-002	SOIL STABILIZATION GEOGRID, TYPE 3	SY	190.00	
301B-999	COARSE AGGREGATE BACKFILL MATERIAL (UNCRUSHED #57 STONE)	TON	5.00	
490D-000	SPALL REPAIR	LS	1.00	
610C-001	LOOSE RIPRAP, CLASS 2	TON	35.00	
610D-003	FILTER BLANKET, GEOTEXTILE	SY	280.00	
614A-000	SLOPE PAVING	CY	1.00	
623C-003	COMBINATION CURB & GUTTER, TYPE C (MODIFIED)	LF	145.00	
674A-000	CONSTRUCTION SAFETY FENCE	LF	300.00	
SP-3	PAINTING CONCRETE PILE CAP	SF	500.00	
ADDITIVE ALTERNATE #4				
ITEM NUMBER	ITEM DESCRIPTION	UNIT	QUANTITY	
770L-005	BOLLARD, COMPLETE IN PLACE	EA	1.00	
SP-1	WOODEN PEDESTRIAN BOARDWALK (COMPLETE INCL. STAIN/SEAL)	SF	1120.00	

BKI

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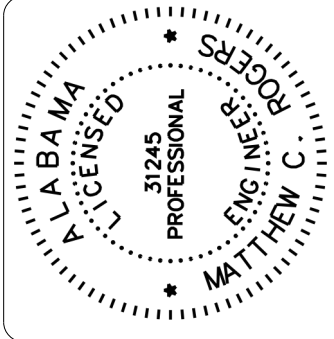
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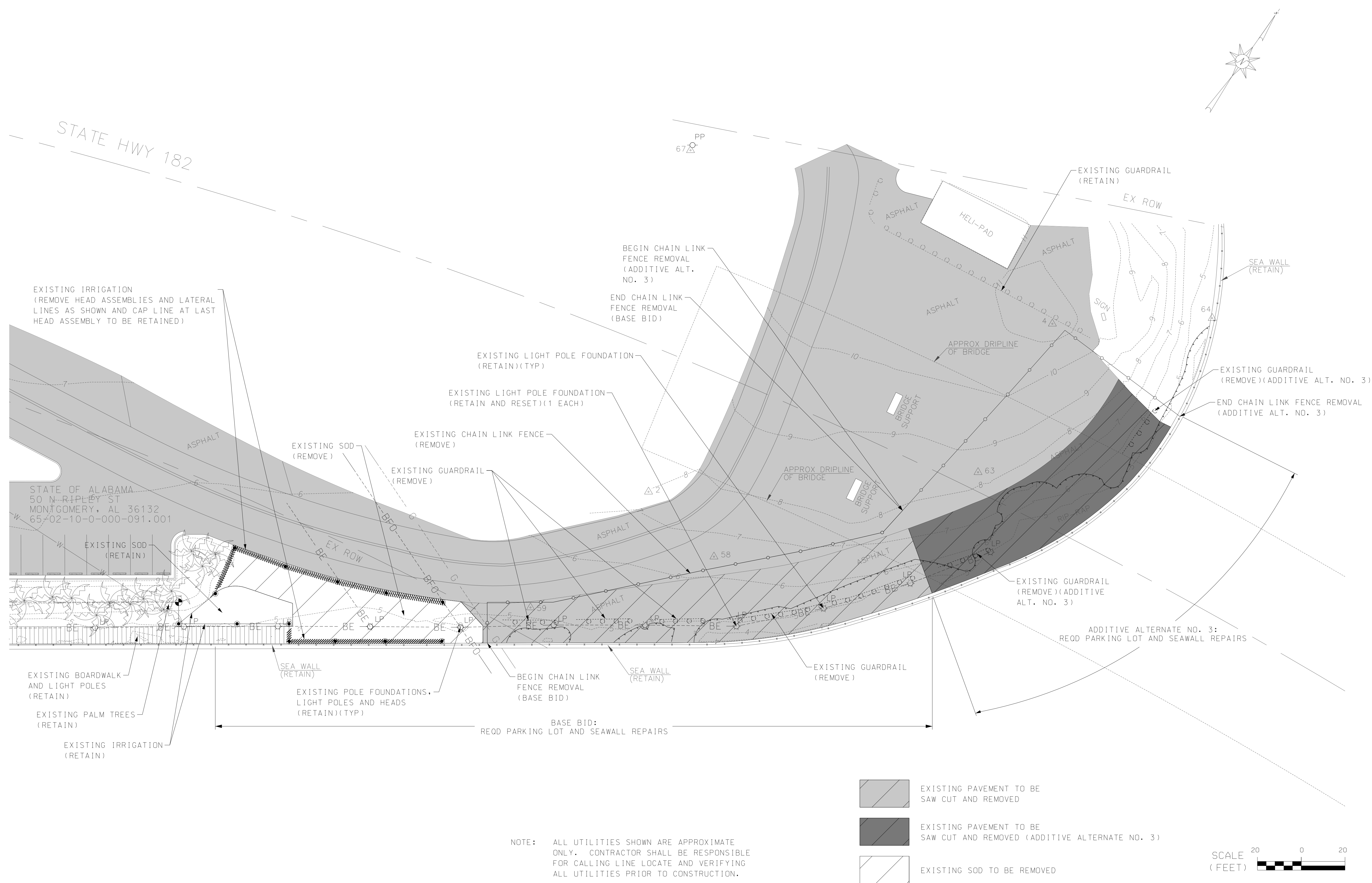
ORANGE BEACH, ALABAMA 36561

PHONE (251) 652-2410 FAX (251) 652-2417



DESIGNED	C.D.W.	SCALE
CHECKED	M.C.R.	
DATE	JAN 2017	PROJECT NUMBER
		OB.16.002
PLAN SUBMITTAL	ISSUED FOR CONSTRUCTION	

EXISTING CONDITIONS



SHEET NUMBER 4

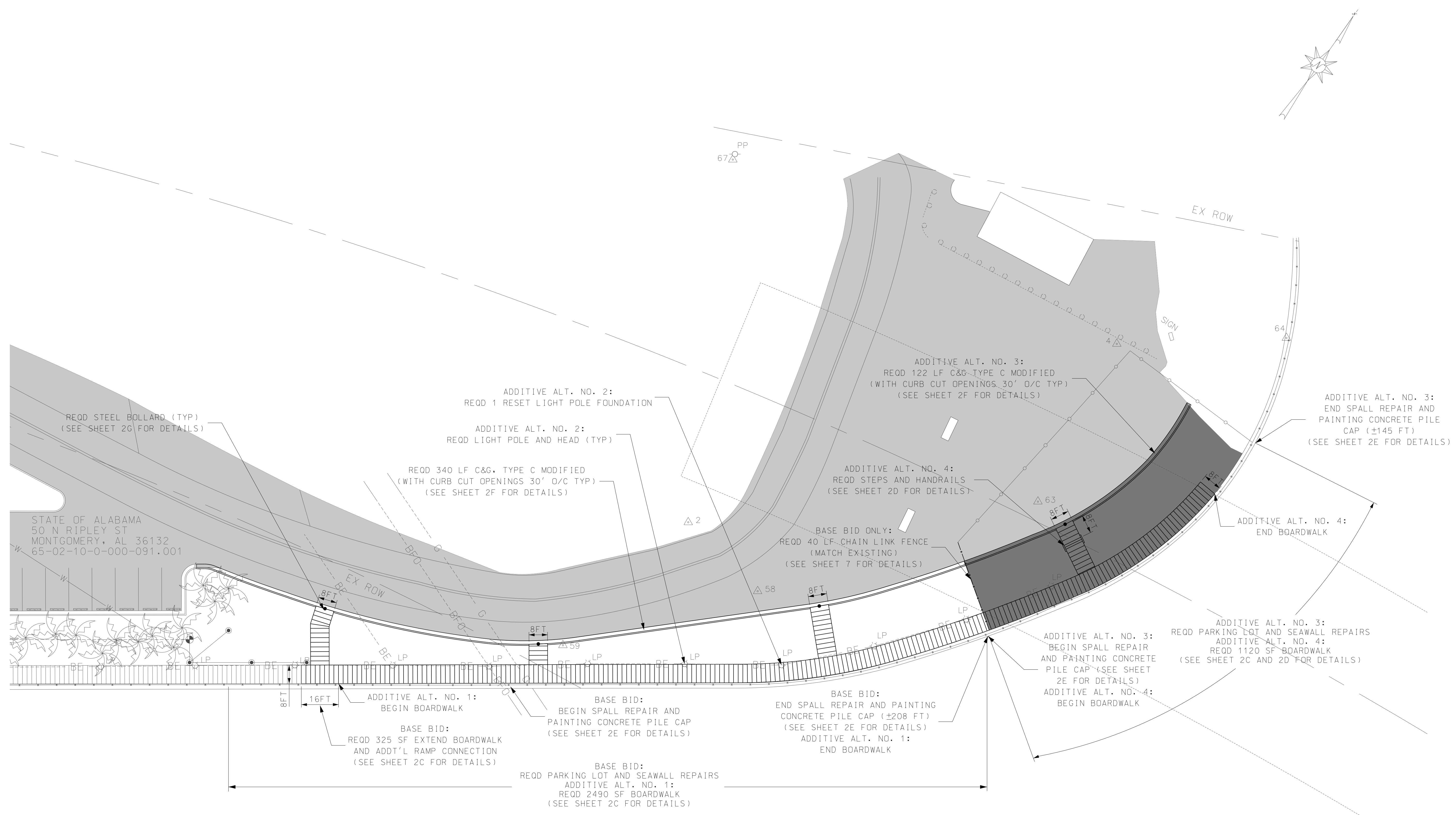
**BK****K****P****E****T****E****R****.****I****N****C.**  
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ORANGE BEACH, ALABAMA 36561  
PHONE (251) 652-2410 FAX (251) 652-2417

ALABAMA  
LICENSED PROFESSIONAL ENGINEER  
MATTHEW C. BURK-KLEIN  
37245

DESIGNED	C.D.W.	SCALE	1" = 20'
CHECKED	M.C.R.	PROJECT NUMBER	OB.16.002
DATE	JAN 2017	ISSUED FOR CONSTRUCTION	
PLAN SUBMITAL	EXISTING CONDITIONS		

PROJECT	THE CITY OF ORANGE BEACH, ALABAMA PERDIDO PASS PARKING LOT AND SEAWALL REPAIRS - PHASE II
SHEET TITLE	EXISTING CONDITIONS

SITE PLAN



- LEGEND
- EXISTING ASPHALT PAVEMENT (RETAIN)
  - EXISTING ASPHALT PAVEMENT (RETAIN-BASE BID)  
(REMOVE-ADDITIVE ALTERNATE NO. 3)
  - EXISTING CHAIN-LINK FENCE (RETAIN-BASE BID)  
(REMOVE-ADDITIVE ALTERNATE NO. 3)



SHEET  
NUMBER

5

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THE CITY OF ORANGE BEACH, ALABAMA

PERDIDO PASS PARKING LOT

AND SEAWALL REPAIRS – PHASE II

DESIGNED  
CHECKED

C.D.W.  
M.C.R.

DATE

JAN 2017

SCALE

1" = 20'

PROJECT  
NUMBER

OB.16.002

PLAN  
SUBMITAL

ISSUED FOR CONSTRUCTION

SHEET  
TITLE

SITE PLAN

# GRADING PLAN

SHEET  
NUMBER 6

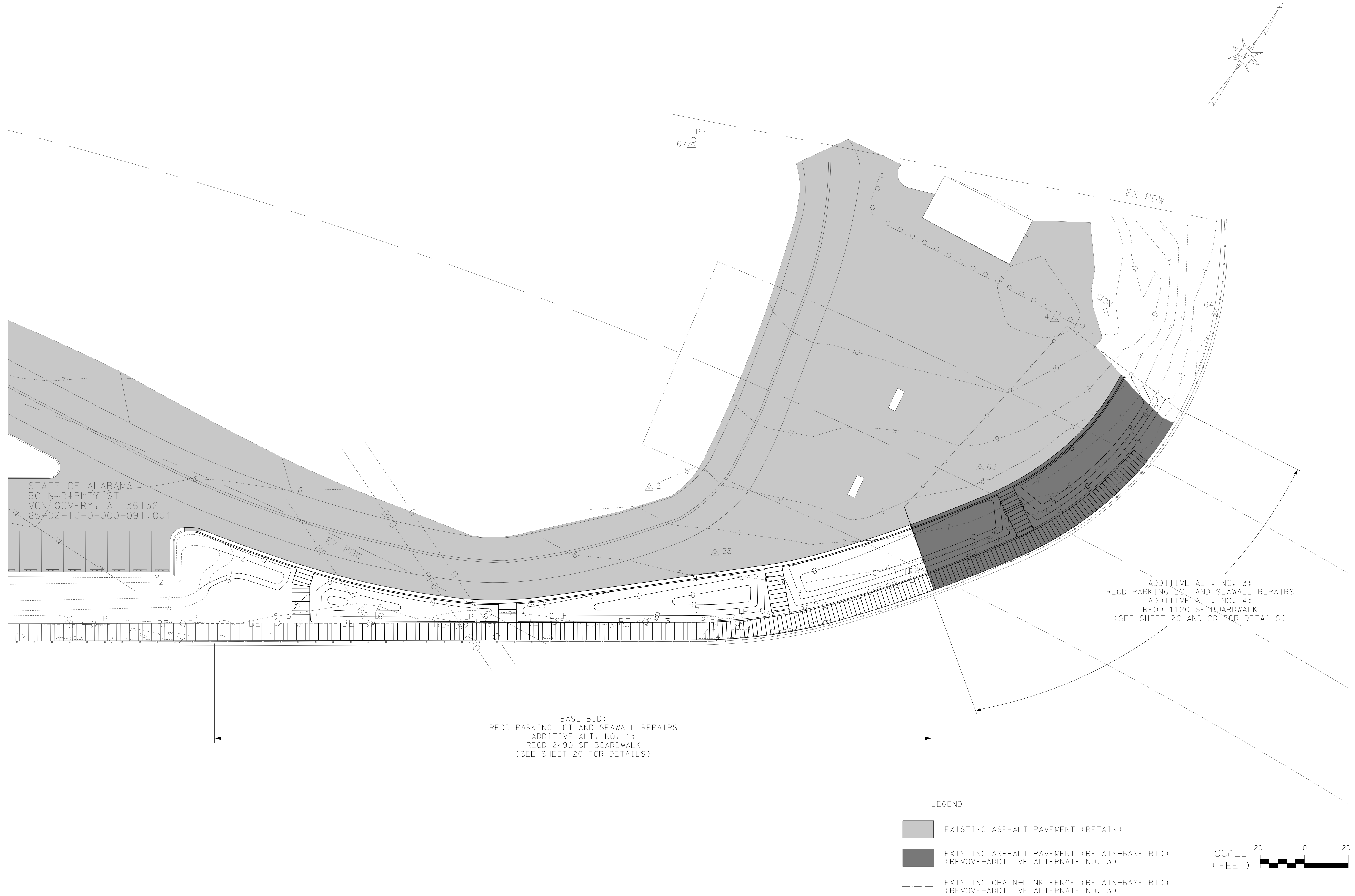
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DESIGNED	C.D.W.	SCALE	1" = 20'
CHECKED	M.C.R.		
DATE	JAN 2017	PROJECT NUMBER	OB.16.002
PLAN SUBMITTAL ISSUED FOR CONSTRUCTION			

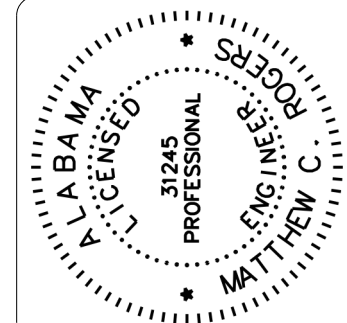
PROJECT	THE CITY OF ORANGE BEACH, ALABAMA PERDIDO PASS PARKING LOT AND SEAWALL REPAIRS – PHASE II
SHEET TITLE	GRADING PLAN



LANDSCAPING PLAN

SHEET NUMBER 7

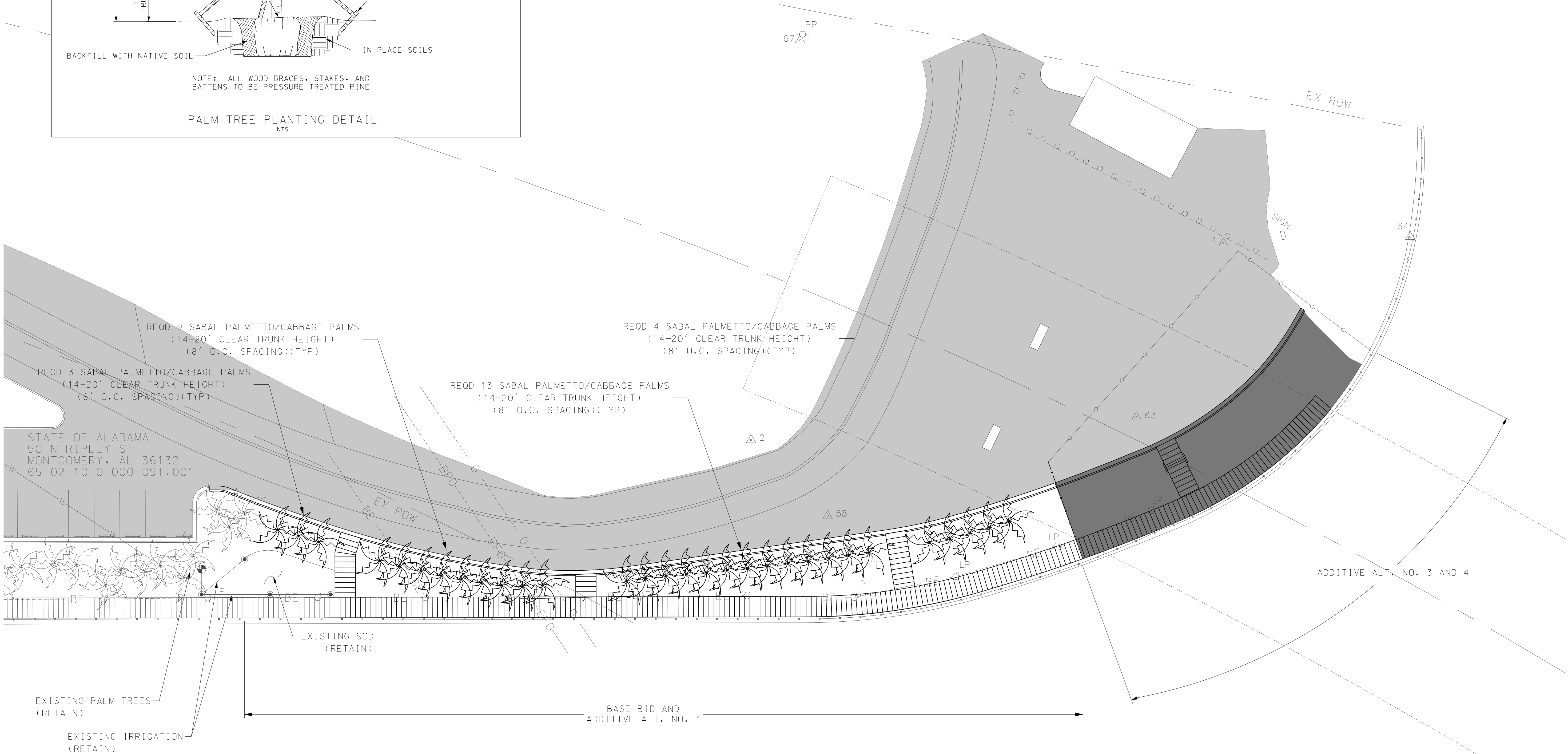
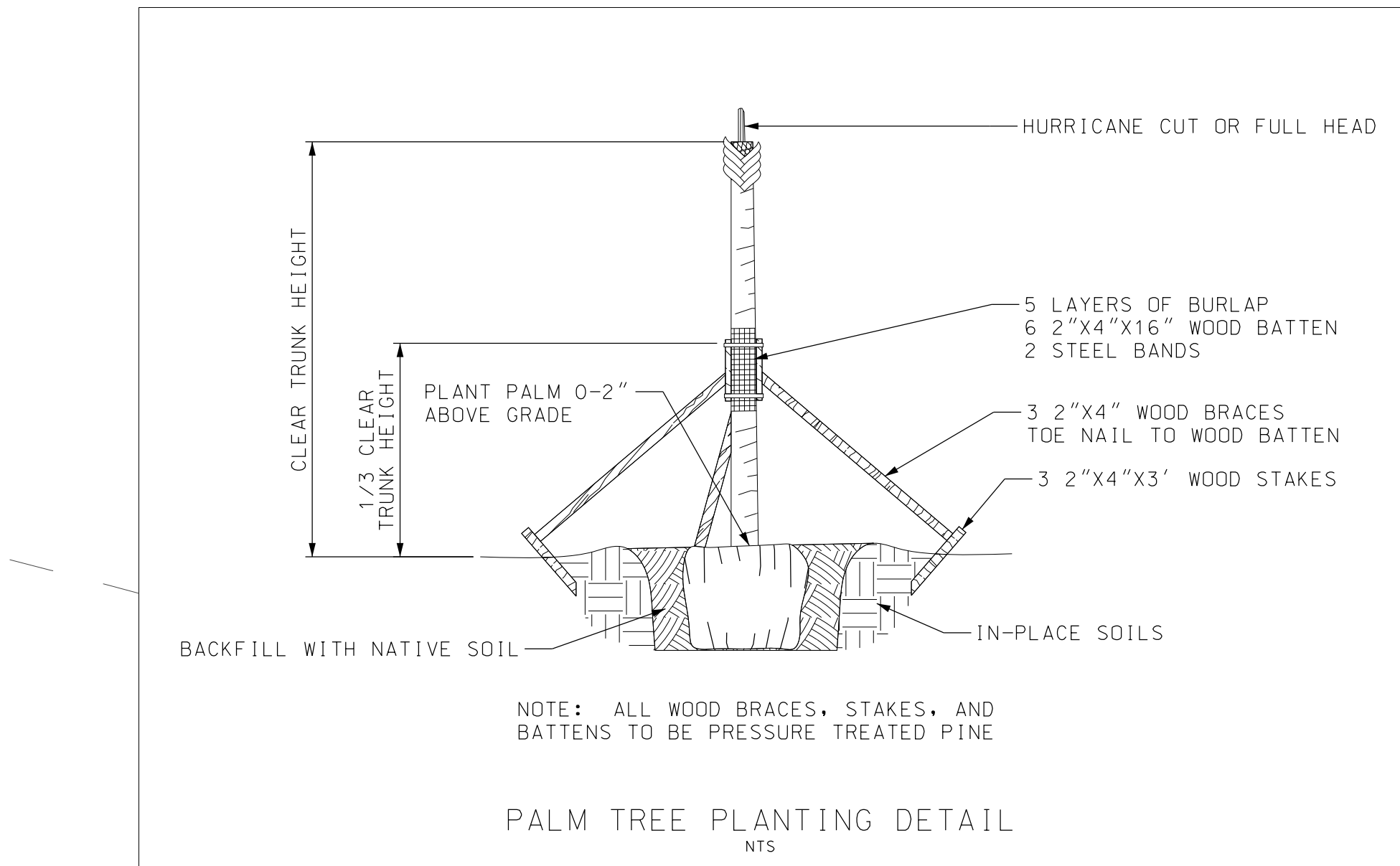
**BK**  
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CHECKED	M.C.R.	PROJECT NUMBER	OB.16.002
DATE	JAN 2017	ISSUED FOR CONSTRUCTION	
SUBMITAL			

PROJECT THE CITY OF ORANGE BEACH, ALABAMA  
PERDIDO PASS PARKING LOT  
AND SEAWALL REPAIRS – PHASE II

SHEET TITLE LANDSCAPING PLAN



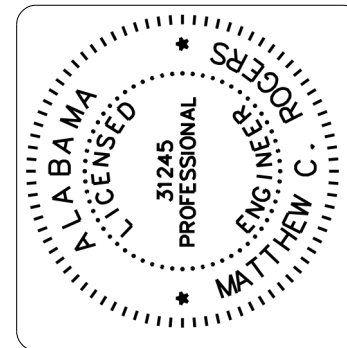
- LEGEND
- EXISTING ASPHALT PAVEMENT (RETAIN)
  - EXISTING ASPHALT PAVEMENT (RETAIN-BASE BID) (REMOVE-ADDITIVE ALTERNATE NO. 3)
  - EXISTING CHAIN-LINK FENCE (RETAIN-BASE BID) (REMOVE-ADDITIVE ALTERNATE NO. 3)



TRAFFIC AND EROSION CONTROL PLAN

SHEET  
NUMBER 8

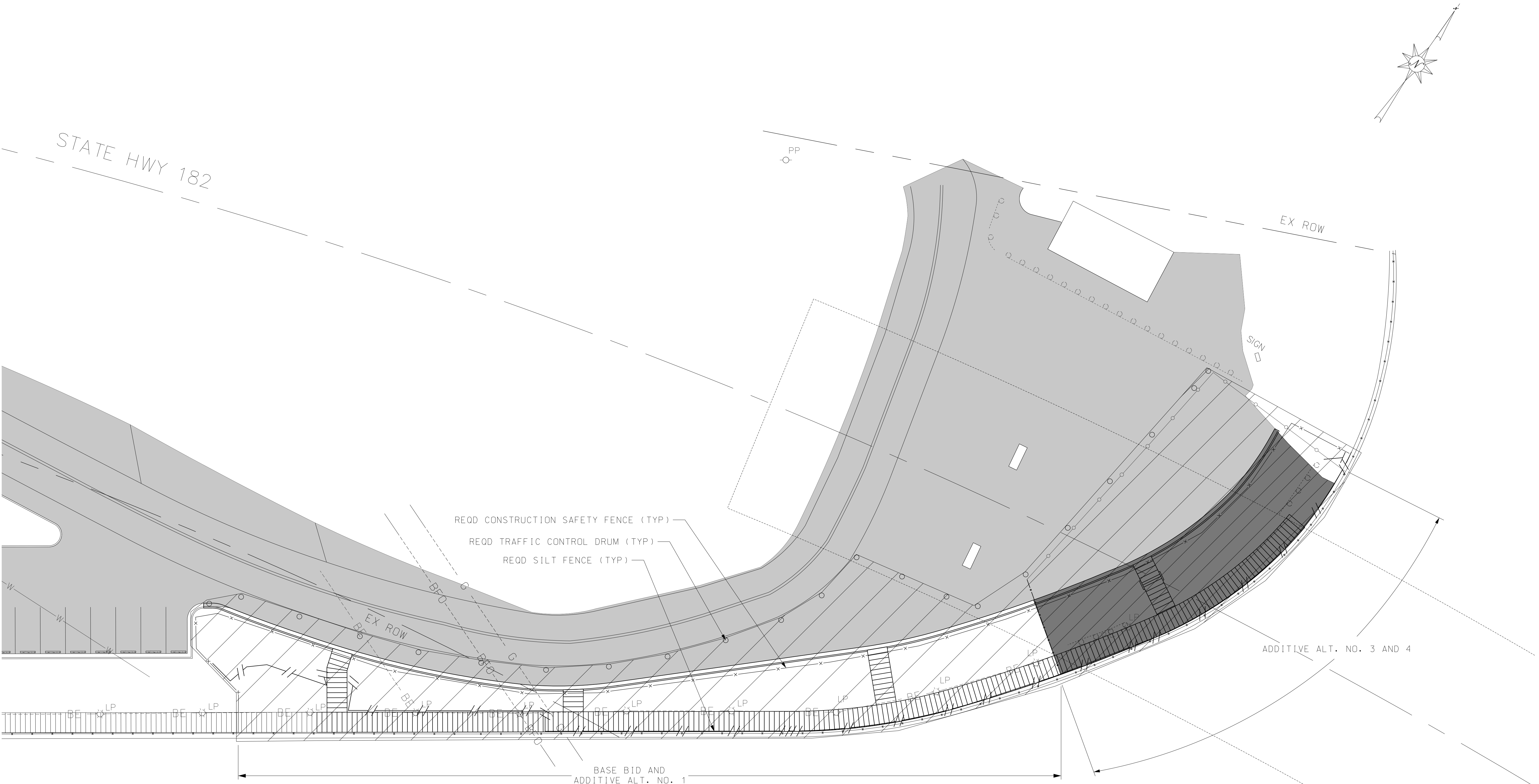
**BK**  
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ORANGE BEACH, ALABAMA 36561  
PHONE: (251) 652-2410 FAX: (251) 652-2417



DESIGNED CHECKED	C.D.W. M.C.R.	SCALE 1" = 20'
DATE JAN 2017	PROJECT NUMBER OB.16.002	PLAN SUBMITTAL ISSUED FOR CONSTRUCTION

PROJECT  
THE CITY OF ORANGE BEACH, ALABAMA  
PERDIDO PASS PARKING LOT  
AND SEAWALL REPAIRS – PHASE II

SHEET  
TITLE  
TRAFFIC AND EROSION CONTROL PLAN



EROSION CONTROL NOTES

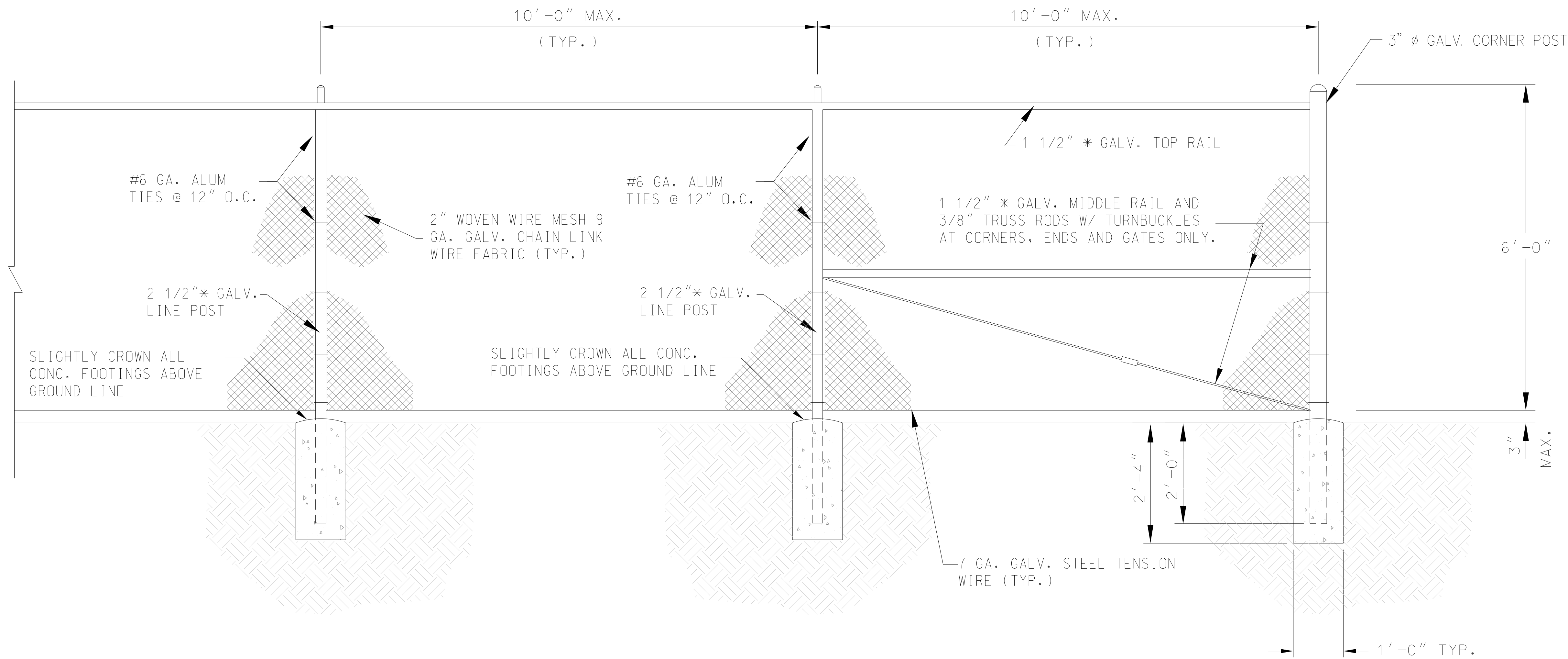
1. ALL CLEARING OPERATIONS SHALL BE CONDUCTED IN A MANNER TO LIMIT EROSION OF MATERIALS FROM THE CONSTRUCTION AREA.
2. AT THE END OF EACH WORK DAY OR PERIOD, THE CONTRACTOR SHALL INSTALL NECESSARY RETENTION BERMS, WATTLES OR SILT FENCE TO PREVENT EROSION OF MATERIALS PRIOR TO THE NEXT SCHEDULED WORK OR PERIOD.
3. REGULAR MAINTENANCE OF EROSION CONTROL AND SILTATION FACILITIES SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
4. THE ENGINEER SHALL HAVE THE RIGHT TO REQUIRE INSTALLATION OF ADDITIONAL FACILITIES IF DEEMED NECESSARY TO PROTECT ADJACENT AREAS.
5. EROSION CONTROL AND SILTATION FACILITIES SHALL BE REMOVED ON AN INDIVIDUAL BASIS ONLY AFTER SPECIFIC AREAS HAVE STABILIZED.
6. CONTRACTOR SHALL ADHERE TO THE ALABAMA HANDBOOK FOR EROSION CONTROL, SEDIMENT CONTROL & STORM WATER MANAGEMENT ON CONSTRUCTION SITES & URBAN AREAS, VOLS. I & II, LATEST EDITION.

LEGEND

	SILT FENCE
	CONSTRUCTION SAFETY FENCE
	TRAFFIC DRUMS
	WORK ZONE



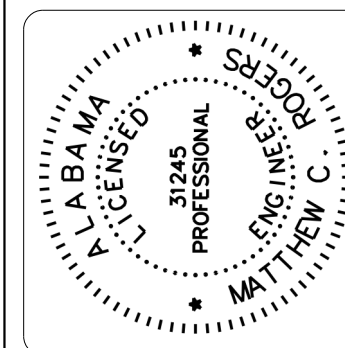
MISCELLANEOUS DETAILS



FENCE DETAILS  
NTS  
(BASE BID)

SHEET  
NUMBER 9

**BK**  
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PROJECT  
THE CITY OF ORANGE BEACH, ALABAMA  
PERDIDO PASS PARKING LOT  
AND SEAWALL REPAIRS - PHASE II

SHEET  
TITLE  
MISCELLANEOUS DETAILS