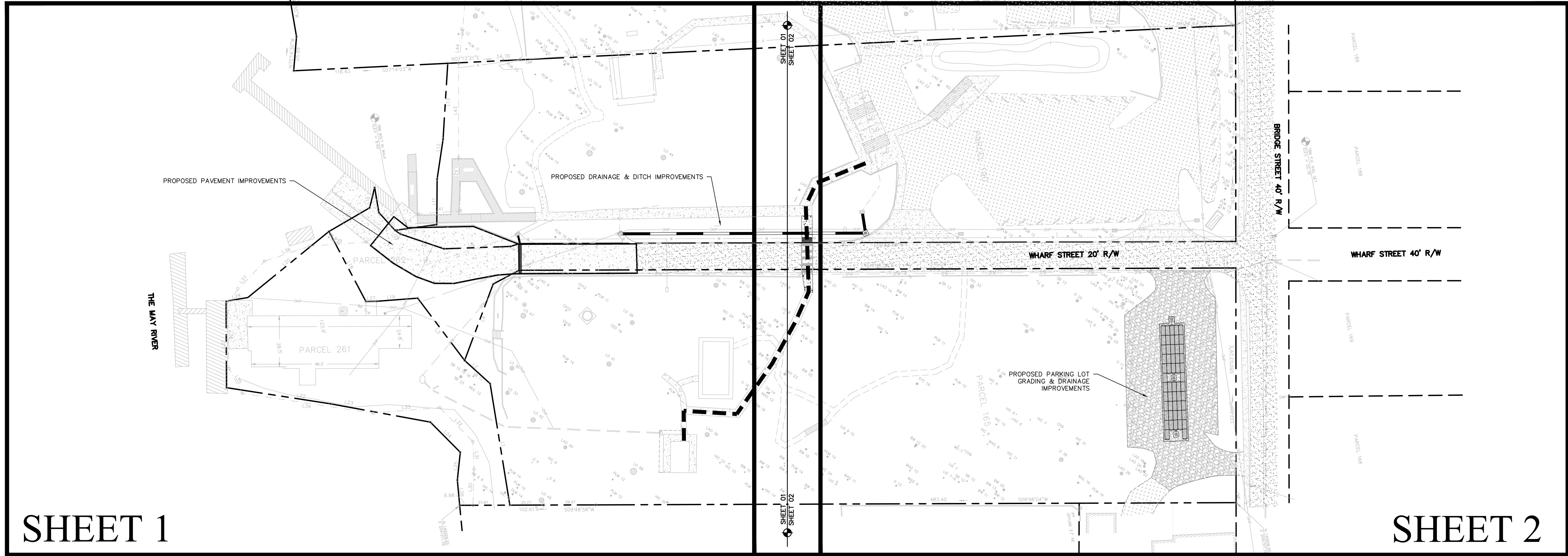




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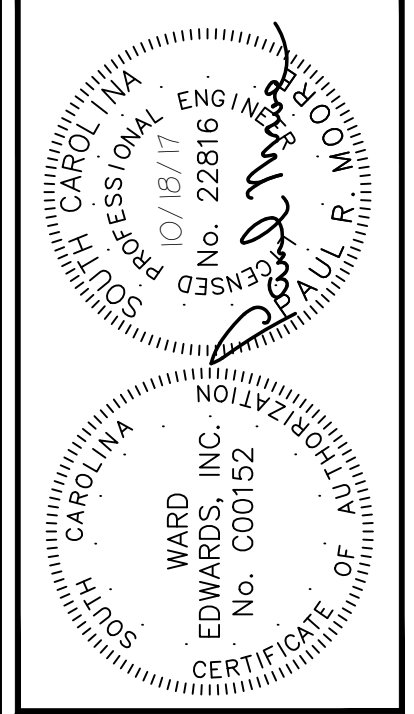
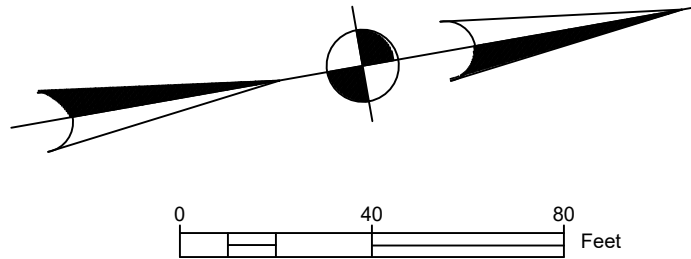


----- ADA ACCESSIBLE ROUTE

NOTE:  
THE ACCESSIBLE ROUTE SHALL COMPLY WITH THE CURRENT VERSION OF THE ADA STANDARDS FOR ACCESSIBLE DESIGN.

SHEET 1

SHEET 2



NO.	DESCRIPTION	DATE
7		
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1		

**Ward Edwards**  
ENGINEERING

P.O. BOX 381, BLUFFTON, SOUTH CAROLINA 29910  
PH: (843) 837-5353 FAX: (843) 837-2536  
WWW.WARDEDWARDS.COM

OYSTER FACTORY PARK  
TOWN OF BLUFFTON, SOUTH CAROLINA  
THE TOWN OF BLUFFTON  
Beaufort County, South Carolina

**OVERALL SITE PLAN**

NOT FOR CONSTRUCTION  
 RELEASED FOR CONSTRUCTION

PROJECT #: 150602  
DATE: 02/01/18  
DESIGNED BY: PRM  
CHECKED BY: HED  
SCALE: 1"=40'

SHEET  
**C002**

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THE AREA SHOWN ON THIS PLAT IS A REPRESENTATION OF DEPARTMENT PERMIT AUTHORITY ON THE SUBJECT PROPERTY. CRITICAL AREAS BY THEIR NATURE ARE DYNAMIC AND SUBJECT TO CHANGE OVER TIME. BY DELINEATING THE PERMIT AUTHORITY OF THE DEPARTMENT, THE DEPARTMENT IN NO WAY WAIVES ITS RIGHT TO ASSERT PERMIT JURISDICTION AT ANY TIME IN ANY CRITICAL AREA ON THE SUBJECT PROPERTY, WHETHER SHOWN HEREON OR NOT.

**REFERENCE PLATS**

- 1) A BOUNDARY SURVEY TO SHOW LOCATION OF LEASED AREA, PARCELS 190 & 165, BLUFFTON OYSTER FACTORY, TOWN OF BLUFFTON, BEAUFORT COUNTY, S.C. DRAWN: 10/03/02 RECORDED IN BOOK 90, PAGE 188, DATED 12/26/02 RMC. BEAUFORT COUNTY, SC BY: FORREST F. BAUGHMAN S.C.R.L.S. # 4922
- 2) A PLAT OF PARCELS A, B & C, A SECTION OF BLUFFTON TOWNSHIP, TOWN OF BLUFFTON, BEAUFORT COUNTY, SOUTH CAROLINA. DRAWN: 06/29/87 RECORDED IN BOOK 34, PAGE 186, DATED 07/02/87 RMC. BEAUFORT COUNTY, SC BY: JERRY L. RICHARDSON S.C.R.L.S. # 4784

LINE TABLE			LINE TABLE			LINE TABLE		
LINE	LENGTH	BEARING	LINE	LENGTH	BEARING	LINE	LENGTH	BEARING
L1	92.90	S 89°13'59" E	L16	15.82	N 66°07'50" W	L31	21.02	S 82°20'16" E
L2	25.96	N 52°07'36" E	L17	35.56	N 20°10'43" W	L32	35.79	N 55°38'56" E
L3	58.87	N 63°00'13" E	L18	59.77	N 72°08'01" E	L33	50.34	N 05°12'38" E
L4	61.50	S 59°31'29" E	L19	31.21	N 05°37'54" E	L34	100.02	N 18°34'37" E
L5	22.13	S 18°05'52" E	L20	78.93	N 29°07'55" W	L35	21.21	S 71°50'09" W
L6	20.00	S 80°25'00" E	L21	65.07	N 80°17'24" W	L36	50.21	N 81°43'47" W
L7	6.59	N 07°53'03" W	L22	79.35	S 18°49'41" W	L37	41.83	N 37°23'55" W
L8	50.31	N 07°58'20" E	L23	76.74	S 20°23'14" W	L38	36.08	N 08°21'22" W
L9	34.74	N 28°45'25" E	L24	32.07	S 55°10'09" W	L39	42.50	N 05°50'04" E
L10	31.82	N 02°06'39" E	L25	21.10	N 73°52'23" W	L40	44.85	N 18°22'35" W
L11	34.28	N 79°36'21" W	L26	19.10	N 85°22'41" W	L41	32.00	N 06°15'45" E
L12	30.37	N 71°31'02" W	L27	7.94	N 08°42'31" E	L42	40.17	N 82°04'47" W
L13	57.39	N 76°28'10" W	L28	16.74	N 00°28'22" E	L43	71.21	N 80°00'04" W
L14	18.16	N 57°44'36" E	L29	4.82	N 44°45'57" E	L44	22.41	N 72°45'48" W
			L30	27.11	S 78°18'56" E	L45	50.11	N 75°39'52" W
						L46	42.44	N 82°29'33" W

**LEGEND & SYMBOLS:**

- TREE SIZES ARE INCHES IN DIAMETER
- SPOT ELEVATION
  - CONTOUR
  - 3" CONCRETE MONUMENT FOUND
  - 1" IRON PIPE FOUND
  - P.K. NAIL SET WITH WASHER
  - 1/2" IRON PIN SET
  - TEMPORARY BENCH MARK
  - INVERT ELEVATION
  - POLYVINYL CHLORIDE
  - CORRUGATED PLASTIC PIPE
  - LIVE OAK
  - CEDAR
  - MAGNOLIA
  - TUPELO
  - PINE
  - SUGAR BERRY
  - WATER OAK
  - CHINA BERRY
  - PALM
  - LAUREL OAK
  - HOLLY
  - BLACK WALNUT
  - ELECTRIC TRANSFORMER
  - TELEPHONE SERVICE
  - TELEVISION SERVICE
  - AC/HEAT PUMP UNIT
  - UTILITY POLE
  - GUY
  - SIGN
  - LIGHT POLE
  - SANITARY MANHOLE
  - CLEANOUT
  - OVERHEAD POWERLINE
  - SPIGOT

PROPERTY AREA = 7.21 AC. 314,068 S.F. TOTAL  
 ADDRESS: BRIDGE & WHARF STREET  
 DISTRICT: 610, MAP: 39A, PARCELS: 165, 190, 191, 261 & 262  
 THIS PROPERTY LIES IN F.E.M.A. ZONE A6 & C  
 BASE FLOOD ELEVATION = 14.0' & NO MINIMUM ELEVATION  
 COMMUNITY NO. 450251, PANEL 0001A, DATED: 01/17/91

**ASBUILT, BOUNDARY, TREE AND TOPOGRAPHIC SURVEY OF: PARCELS 165, 190, 261, 262 & 191, OYSTER FACTORY PARK, TOWN OF BLUFFTON, BEAUFORT COUNTY, SOUTH CAROLINA**

PREPARED FOR: THE TOWN OF BLUFFTON

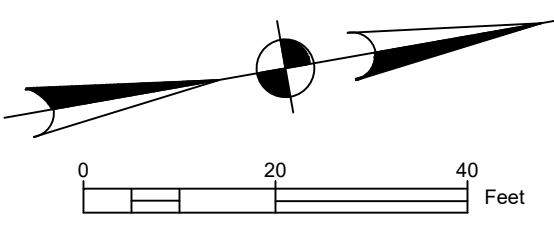
DATE: 8/24/17 SCALE: 1" = 30'

**SIS** Sea Island Land Survey, LLC.  
 4D Mathews Court, Hilton Head Island, SC 29926  
 Tel: (843) 681-3248 Fax: (843) 689-3871  
 E-mail: sils@sprynet.com  
 FILE No: 06098/3 DWG No.: 9-1671 ROTATE

**NOTES:**

- 1) UNDERGROUND UTILITIES ARE APPROXIMATELY LOCATED.
- 2) SEA ISLAND LAND SURVEY, LLC. CERTIFIES TO THE BOUNDARY, TOPOGRAPHIC AND ASBUILT INFORMATION PROVIDED HEREON AS THE DATE OF THE SURVEY. THIS DOCUMENT IS PROVIDED AS THE BASE MAP FOR OTHERS. INFORMATION ADDED AFTER THIS DATE OF SURVEY IS NOT THE RESPONSIBILITY OF SEA ISLAND LAND SURVEY, LLC.
- 3) SUBJECT PROPERTY DOES NOT APPEAR TO BE AFFECTED BY THE BEACHFRONT SETBACK REQUIREMENTS OF THE S.C. BEACH PROTECTION ACT OF JULY 1, 1988.
- 4) HORIZONTAL DATUM IS S.C. STATE PLANE (NAD 83).
- 5) VERTICAL DATUM IS NAVD 88.
- 6) CONTOUR INTERVAL IS 1'.
- 7) BUILDING SETBACKS, WHETHER SHOWN OR NOT, SHOULD BE VERIFIED BY THE LOCAL BUILDING AUTHORITY OR ARCHITECTURAL REVIEW BOARD.
- 8) THIS SURVEY HAS BEEN PREPARED WITHOUT BENEFIT OF A COMPLETE TITLE SEARCH AND IS SUBJECT TO EASEMENTS AND RESTRICTIONS OF RECORD.
- 9) THIS PROPERTY (EXCEPTING THE "OPERATION ZONE") IS SUBJECT TO CONDITIONS OF USE AS PER AGREEMENT BETWEEN BEAUFORT COUNTY AND TOWN OF BLUFFTON DATED OCTOBER 24, 2004.
- 10) THIS PROPERTY IS SUBJECT TO A CONSERVATION EASEMENT IN FAVOR OF JERRY H. REEVES III BY COUNTY OF BEAUFORT DATED FEBRUARY 28, 2002 RECORDED IN DEED BOOK 626 PAGE 629.
- 11) THIS PROPERTY HAS NO FRESHWATER WETLANDS AS DETERMINED BY NEWKIRK ENVIRONMENTAL, INC.

THE MAY RIVER



Professional Engineer Seal for Ward Edwards, Inc. No. 22816, State of South Carolina. License expires 07/18/17.

NO.	DESCRIPTION	DATE
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**Ward Edwards ENGINEERING**  
 P.O. BOX 381, BLUFFTON, SOUTH CAROLINA 29910  
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 WWW.WARDEDWARDS.COM

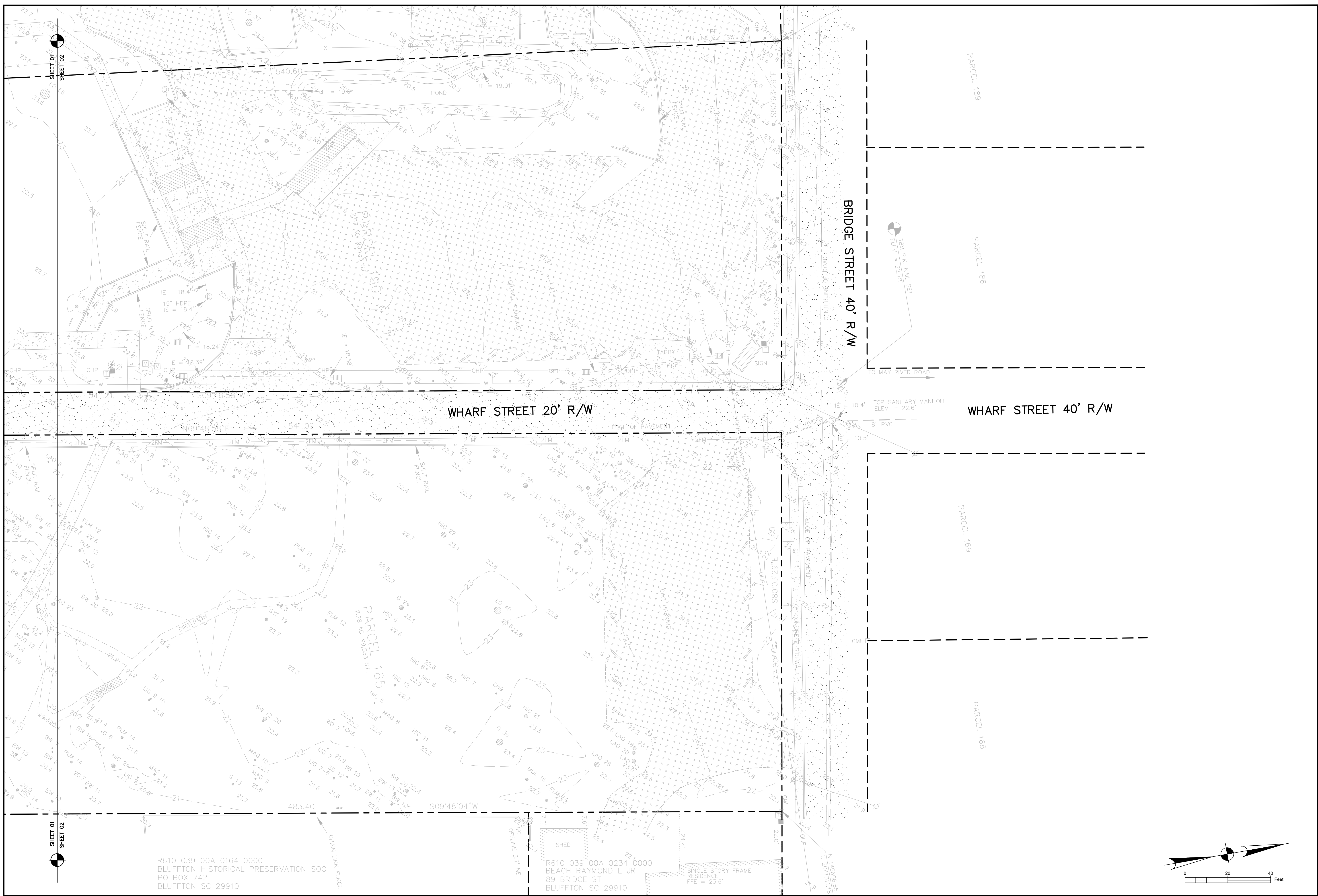
OYSTER FACTORY PARK  
 TOWN OF BLUFFTON, SOUTH CAROLINA  
**THE TOWN OF BLUFFTON**  
 Beaufort County, South Carolina  
**EXISTING CONDITIONS PLAN**

NOT FOR CONSTRUCTION  
 RELEASED FOR CONSTRUCTION

PROJECT #:	150607
DATE:	02/01/18
DESIGNED BY:	PRM
CHECKED BY:	HED
SCALE:	1"=20'

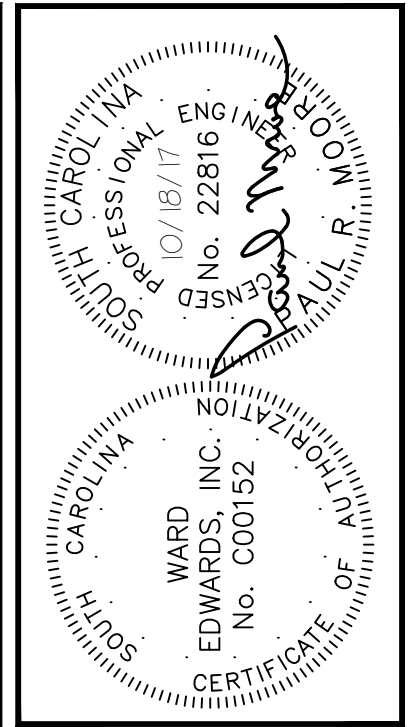
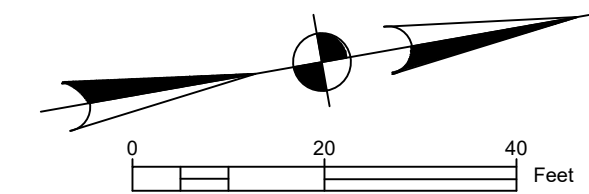
SHEET C101

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BLUFFTON HISTORICAL PRESERVATION SOC  
PO BOX 742  
BLUFFTON SC 29910

R610 039 00A 0234 0000  
BEACH RAYMOND L JR  
89 BRIDGE ST  
BLUFFTON SC 29910



PLAN REVISIONS	
NO.	DESCRIPTION
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**Ward Edwards**  
ENGINEERING

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OYSTER FACTORY PARK  
TOWN OF BLUFFTON, SOUTH CAROLINA  
THE TOWN OF BLUFFTON  
Beaufort County, South Carolina  
**EXISTING CONDITIONS PLAN**

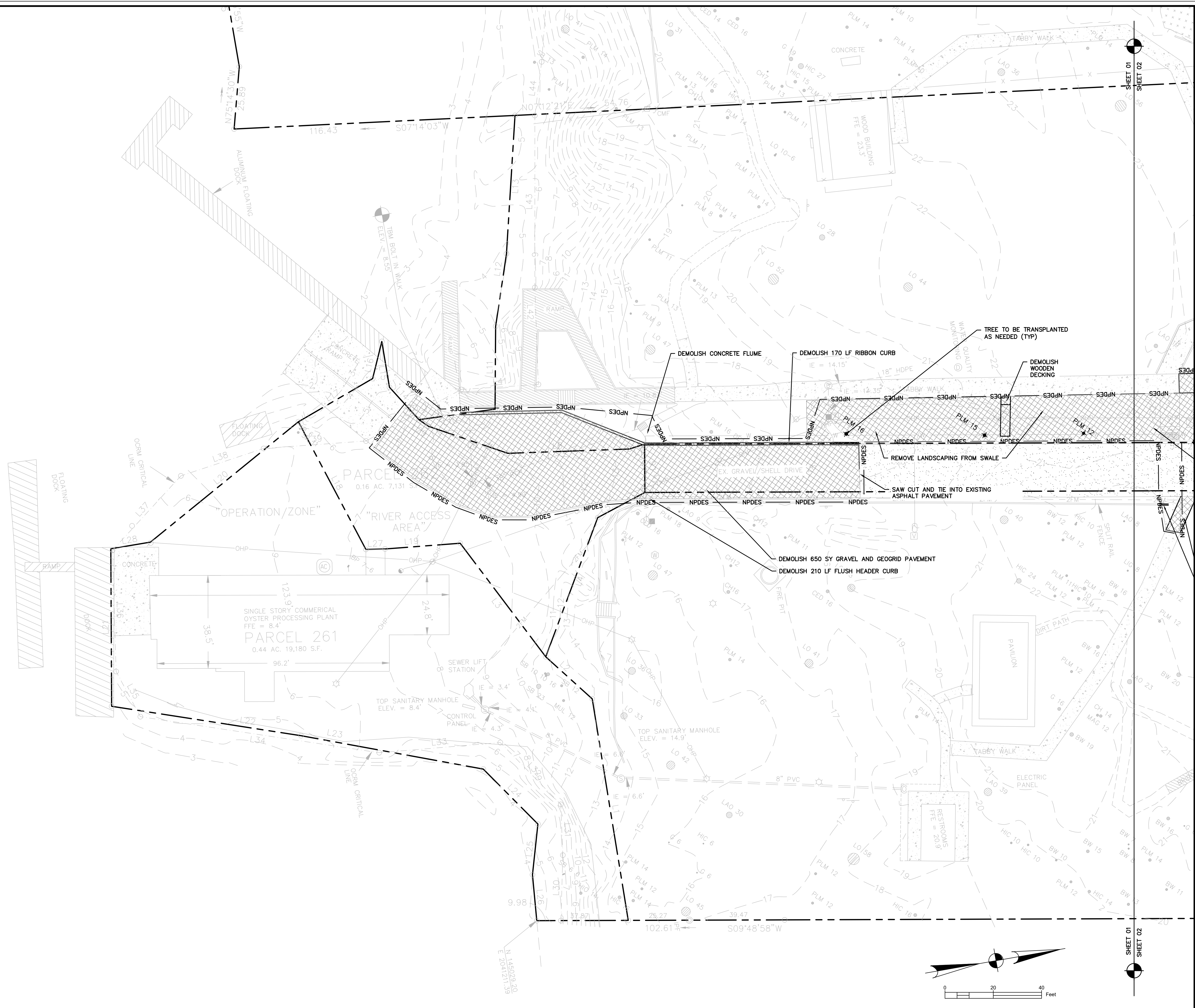
NOT FOR CONSTRUCTION  
 RELEASED FOR CONSTRUCTION

PROJECT #: 150607  
DATE: 02/01/18  
DESIGNED BY: PRM  
CHECKED BY: HED  
SCALE: 1"=20'

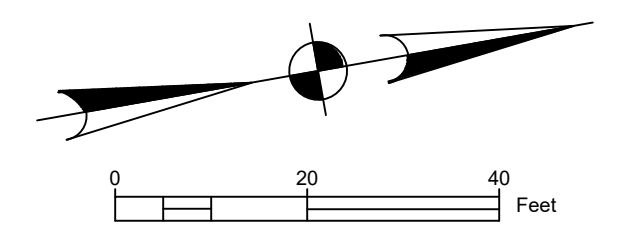
SHEET  
**C102**

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THE MAY RIVER



CLEARING / DEMOLITION LEGEND	
DEMOLITION	
MILLING	
TREE TO BE REMOVED	
TREE PROTECTION	



Professional Engineer Seal for Ward Edwards, Inc. License No. 22816, State of South Carolina. The seal is circular and contains the text 'SOUTH CAROLINA PROFESSIONAL ENGINEER WARD EDWARDS, INC. LICENSE NO. 22816'.

NO.	DESCRIPTION	DATE
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**Ward Edwards ENGINEERING**  
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 PH (843) 837-5353 FAX (843) 837-2536  
 WWW.WARDEDWARDS.COM

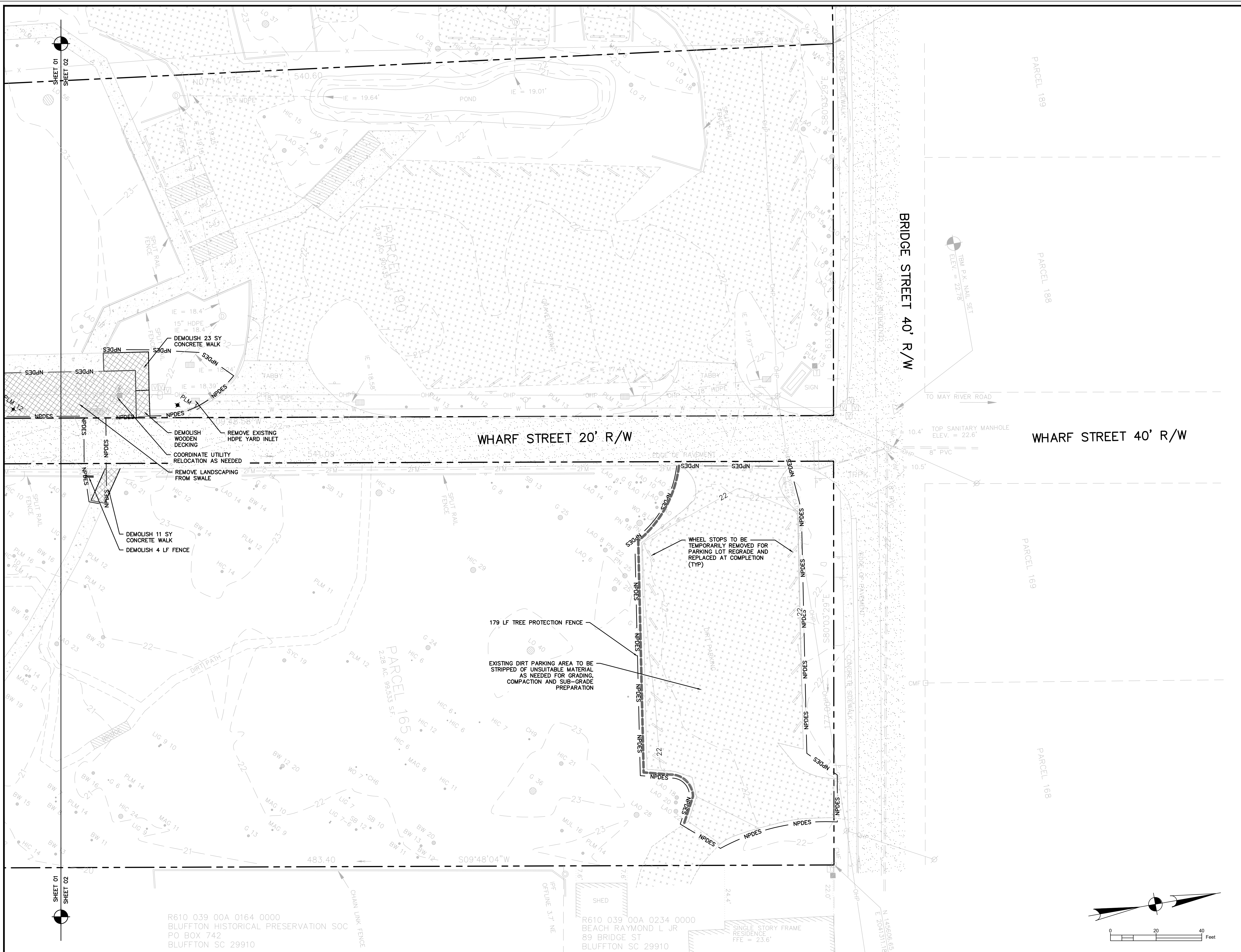
**OYSTER FACTORY PARK**  
 TOWN OF BLUFFTON, SOUTH CAROLINA  
**THE TOWN OF BLUFFTON**  
 Beaufort County, South Carolina  
**CLEARING & DEMOLITION PLAN**

<input checked="" type="checkbox"/> NOT FOR CONSTRUCTION
<input type="checkbox"/> RELEASED FOR CONSTRUCTION
PROJECT #: 150602
DATE: 02/01/18
DESIGNED BY: PRM
CHECKED BY: HED
SCALE: 1"=20'

**SHEET C201**

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 BLUFFTON HISTORICAL PRESERVATION SOC  
 PO BOX 742  
 BLUFFTON SC 29910

R610 039 00A 0234 0000  
 BEACH RAYMOND L JR  
 89 BRIDGE ST  
 BLUFFTON SC 29910

CLEARING / DEMOLITION LEGEND	
DEMOLITION	
MILLING	
TREE TO BE REMOVED	
TREE PROTECTION	

<input checked="" type="checkbox"/>	NOT FOR CONSTRUCTION
<input type="checkbox"/>	RELEASED FOR CONSTRUCTION
PROJECT #:	150602
DATE:	02/01/18
DESIGNED BY:	PRM
CHECKED BY:	HED
SCALE:	1"=20'

**SHEET  
C202**

**Ward Edwards**  
 ENGINEERING  
 P.O. BOX 381, BLUFFTON, SOUTH CAROLINA 29910  
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 WWW.WARDEDWARDS.COM

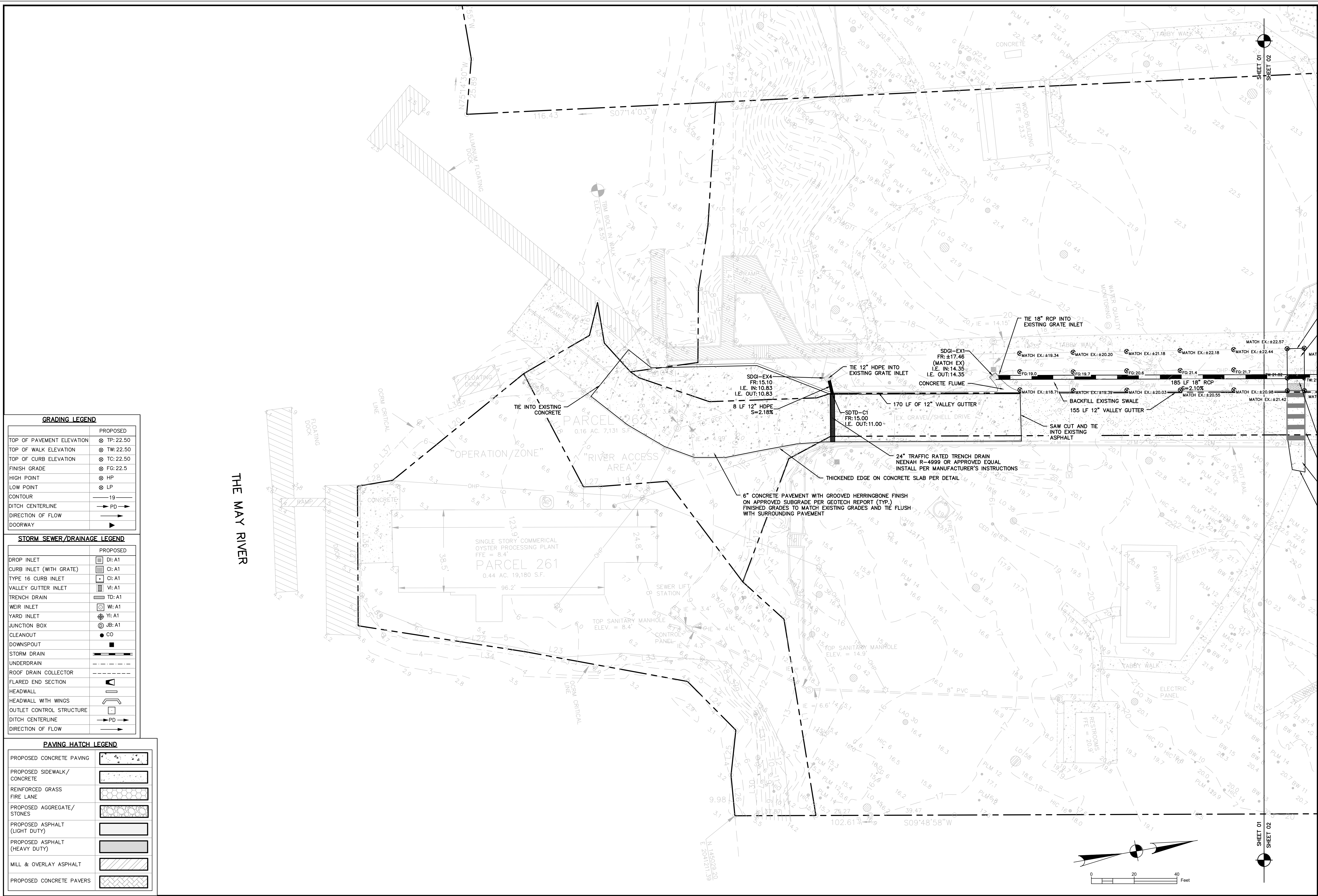
**OYSTER FACTORY PARK**  
 TOWN OF BLUFFTON, SOUTH CAROLINA  
**THE TOWN OF BLUFFTON**  
 Beaufort County, South Carolina  
**CLEARING & DEMOLITION PLAN**

PLAN REVISIONS	
NO.	DESCRIPTION
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Professional Engineer Seal for Ward Edwards, Inc. License No. 22816, State of South Carolina. The seal is circular and contains the text 'SOUTH CAROLINA PROFESSIONAL ENGINEER' and 'WARD EDWARDS, INC. LICENSE NO. 22816'.

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GRADING LEGEND	
	PROPOSED
TOP OF PAVEMENT ELEVATION	TP: 22.50
TOP OF WALK ELEVATION	TW: 22.50
TOP OF CURB ELEVATION	TC: 22.50
FINISH GRADE	FG: 22.5
HIGH POINT	HP
LOW POINT	LP
CONTOUR	19
DITCH CENTERLINE	→ PD →
DIRECTION OF FLOW	→
DOORWAY	→

STORM SEWER/DRAINAGE LEGEND	
	PROPOSED
DROP INLET	DI: A1
CURB INLET (WITH GRATE)	CI: A1
TYPE 16 CURB INLET	CI: A1
VALLEY GUTTER INLET	VI: A1
TRENCH DRAIN	TD: A1
WEIR INLET	WI: A1
YARD INLET	YI: A1
JUNCTION BOX	JB: A1
CLEANOUT	CO
DOWNSPOUT	
STORM DRAIN	
UNDERDRAIN	
ROOF DRAIN COLLECTOR	
FLARED END SECTION	
HEADWALL	
HEADWALL WITH WINGS	
OUTLET CONTROL STRUCTURE	
DITCH CENTERLINE	→ PD →
DIRECTION OF FLOW	→

PAVING HATCH LEGEND	
PROPOSED CONCRETE PAVING	[Hatch Pattern]
PROPOSED SIDEWALK/CONCRETE	[Hatch Pattern]
REINFORCED GRASS	[Hatch Pattern]
FIRE LANE	[Hatch Pattern]
PROPOSED AGGREGATE/STONES	[Hatch Pattern]
PROPOSED ASPHALT (LIGHT DUTY)	[Hatch Pattern]
PROPOSED ASPHALT (HEAVY DUTY)	[Hatch Pattern]
MILL & OVERLAY ASPHALT	[Hatch Pattern]
PROPOSED CONCRETE PAVERS	[Hatch Pattern]

Professional Engineer Seal for Ward Edwards, Inc. No. 000152, State of North Carolina. License expires 02/18/17.

NO.	DESCRIPTION	DATE
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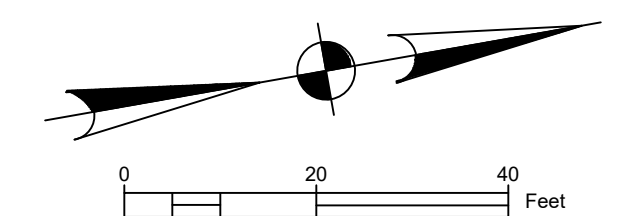
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 PH: (843) 837-5555 FAX: (843) 837-2536  
 WWW.WARDEDWARDS.COM

**OYSTER FACTORY PARK**  
 TOWN OF BLUFFTON, SOUTH CAROLINA  
**THE TOWN OF BLUFFTON**  
 Beaufort County, South Carolina  
**PAVING, GRADING & DRAINAGE PLAN**

NOT FOR CONSTRUCTION  
 RELEASED FOR CONSTRUCTION

PROJECT #: 150607  
 DATE: 02/01/18  
 DESIGNED BY: PRM  
 CHECKED BY: HED  
 SCALE: 1"=20'

**SHEET C301**



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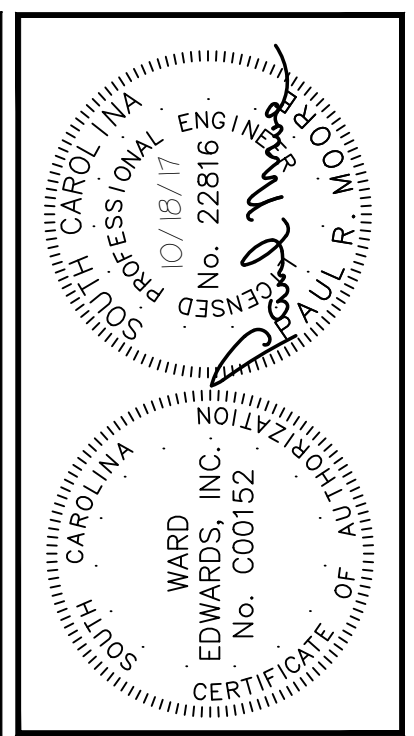
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GRADING LEGEND	
	PROPOSED
TOP OF PAVEMENT ELEVATION	TP: 22.50
TOP OF WALK ELEVATION	TW: 22.50
TOP OF CURB ELEVATION	TC: 22.50
FINISH GRADE	FG: 22.5
HIGH POINT	HP
LOW POINT	LP
CONTOUR	19
DITCH CENTERLINE	→ PD →
DIRECTION OF FLOW	→
DOORWAY	▶

STORM SEWER/DRAINAGE LEGEND	
	PROPOSED
DROP INLET	DI: A1
CURB INLET (WITH GRATE)	CI: A1
TYPE 16 CURB INLET	CI: A1
VALLEY GUTTER INLET	VI: A1
TRENCH DRAIN	TD: A1
WEIR INLET	WI: A1
YARD INLET	YI: A1
JUNCTION BOX	JB: A1
CLEANOUT	CO
DOWNSPOUT	
STORM DRAIN	
UNDERDRAIN	
ROOF DRAIN COLLECTOR	
FLARED END SECTION	
HEADWALL	
HEADWALL WITH WINGS	
OUTLET CONTROL STRUCTURE	
DITCH CENTERLINE	→ PD →
DIRECTION OF FLOW	→

PAVING HATCH LEGEND	
PROPOSED CONCRETE PAVING	[Hatch Pattern]
PROPOSED SIDEWALK/ CONCRETE	[Hatch Pattern]
REINFORCED GRASS	[Hatch Pattern]
FIRE LANE	[Hatch Pattern]
PROPOSED AGGREGATE/ STONES	[Hatch Pattern]
PROPOSED ASPHALT (LIGHT DUTY)	[Hatch Pattern]
PROPOSED ASPHALT (HEAVY DUTY)	[Hatch Pattern]
MILL & OVERLAY ASPHALT	[Hatch Pattern]
PROPOSED CONCRETE PAVERS	[Hatch Pattern]

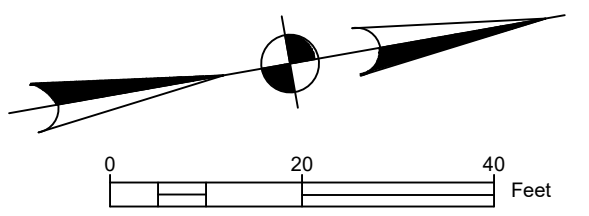


PLAN REVISIONS	
NO.	DESCRIPTION
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**Ward Edwards**  
ENGINEERING  
P.O. BOX 381, BLUFFTON, SOUTH CAROLINA 29910  
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**OYSTER FACTORY PARK**  
TOWN OF BLUFFTON, SOUTH CAROLINA  
**THE TOWN OF BLUFFTON**  
Beaufort County, South Carolina  
**PAVING, GRADING & DRAINAGE PLAN**

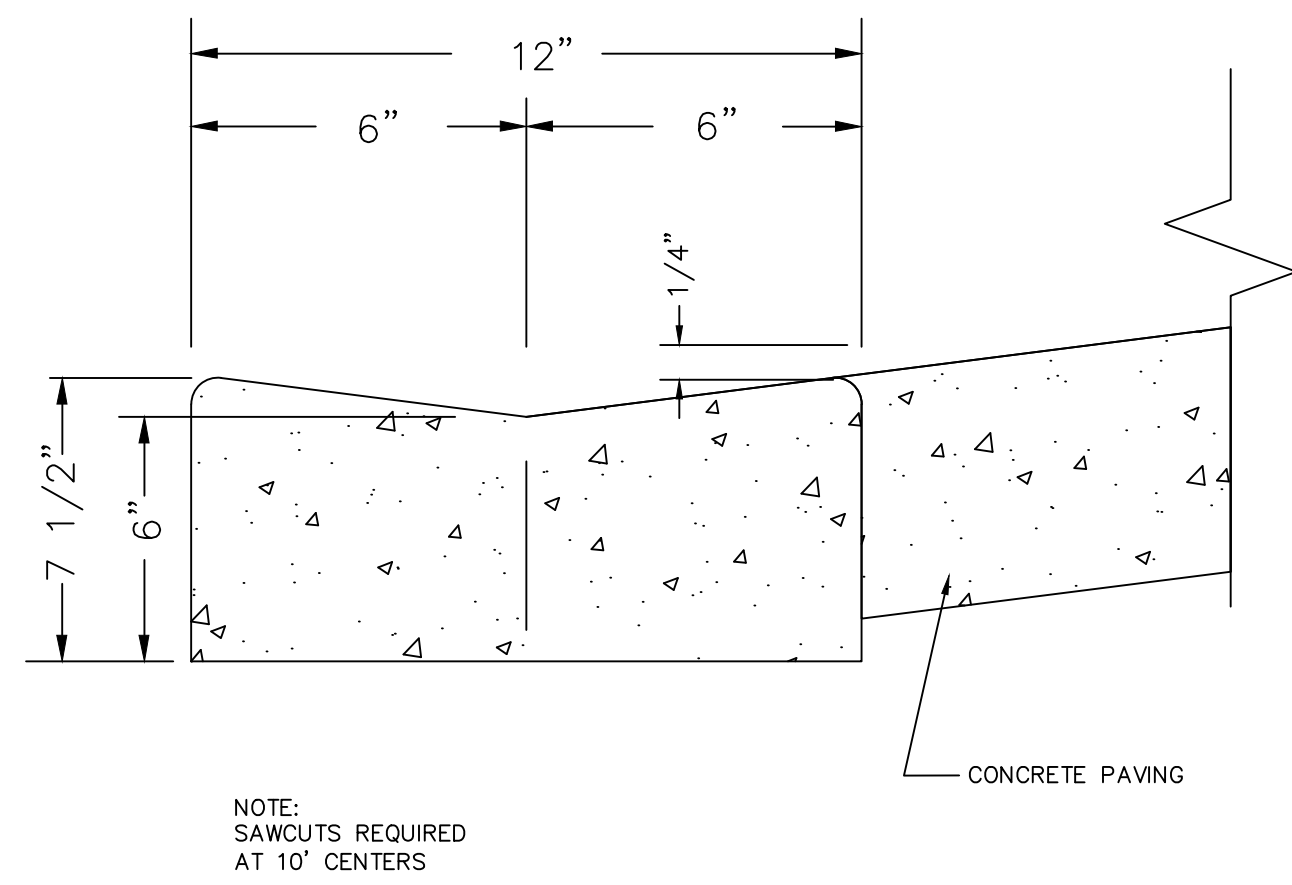
PROJECT #: 150607  
DATE: 02/01/18  
DESIGNED BY: PRM  
CHECKED BY: HED  
SCALE: 1"=20'  
**SHEET C302**



IF THIS SHEET IS LESS THAN 22" X 34" IT IS A REDUCED PRINT. SCALE ACCORDINGLY

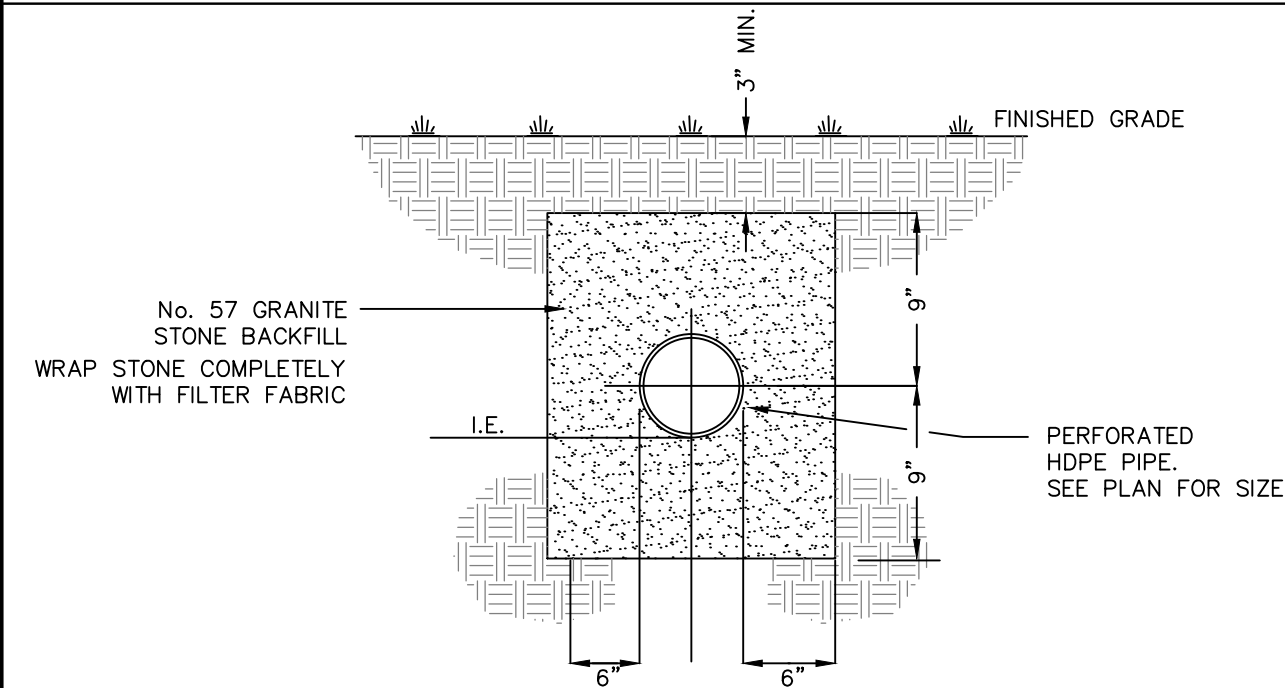


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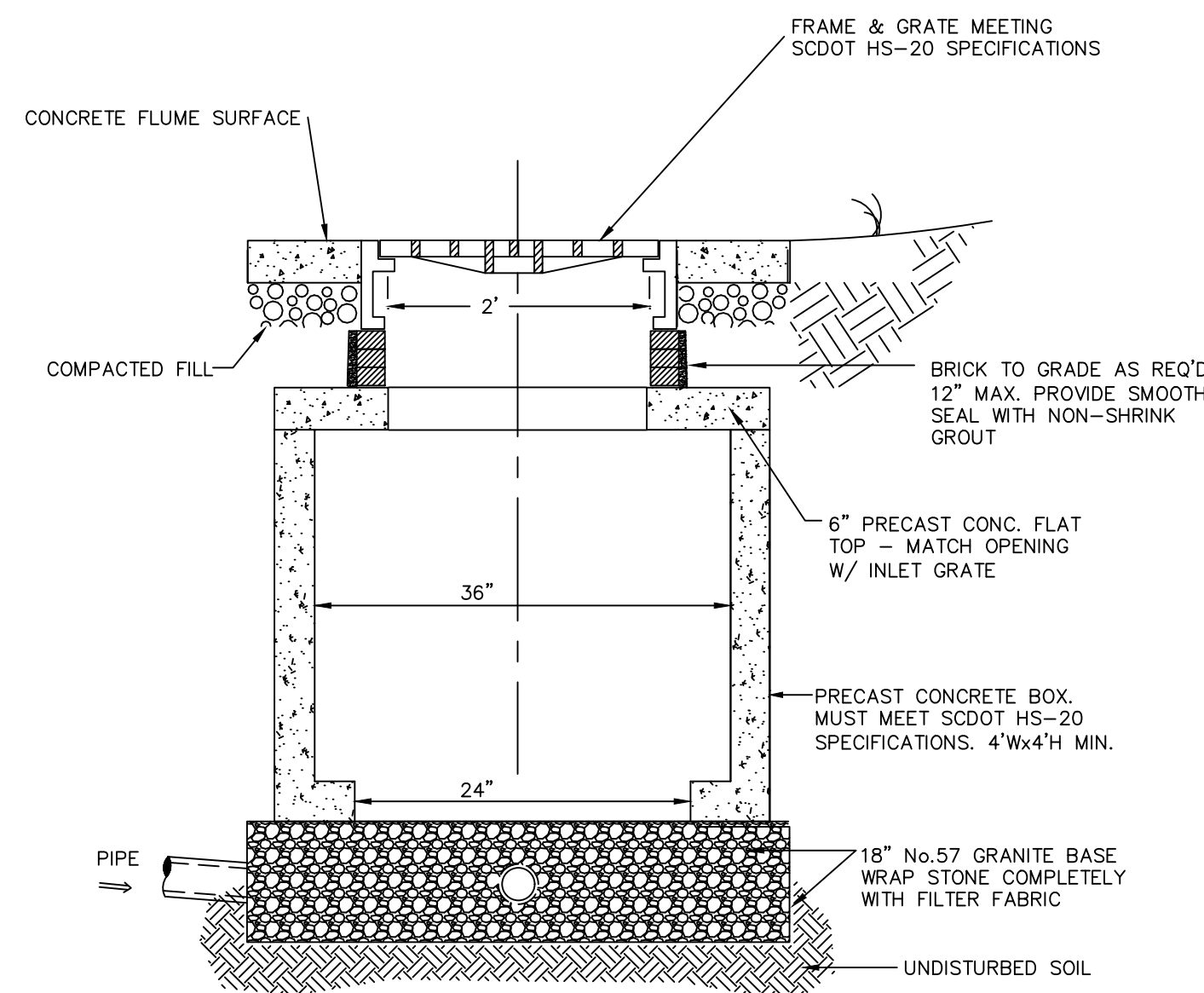


NOTE:  
SAWCUTS REQUIRED  
AT 10' CENTERS

**CONCRETE VALLEY GUTTER**  
N.T.S.

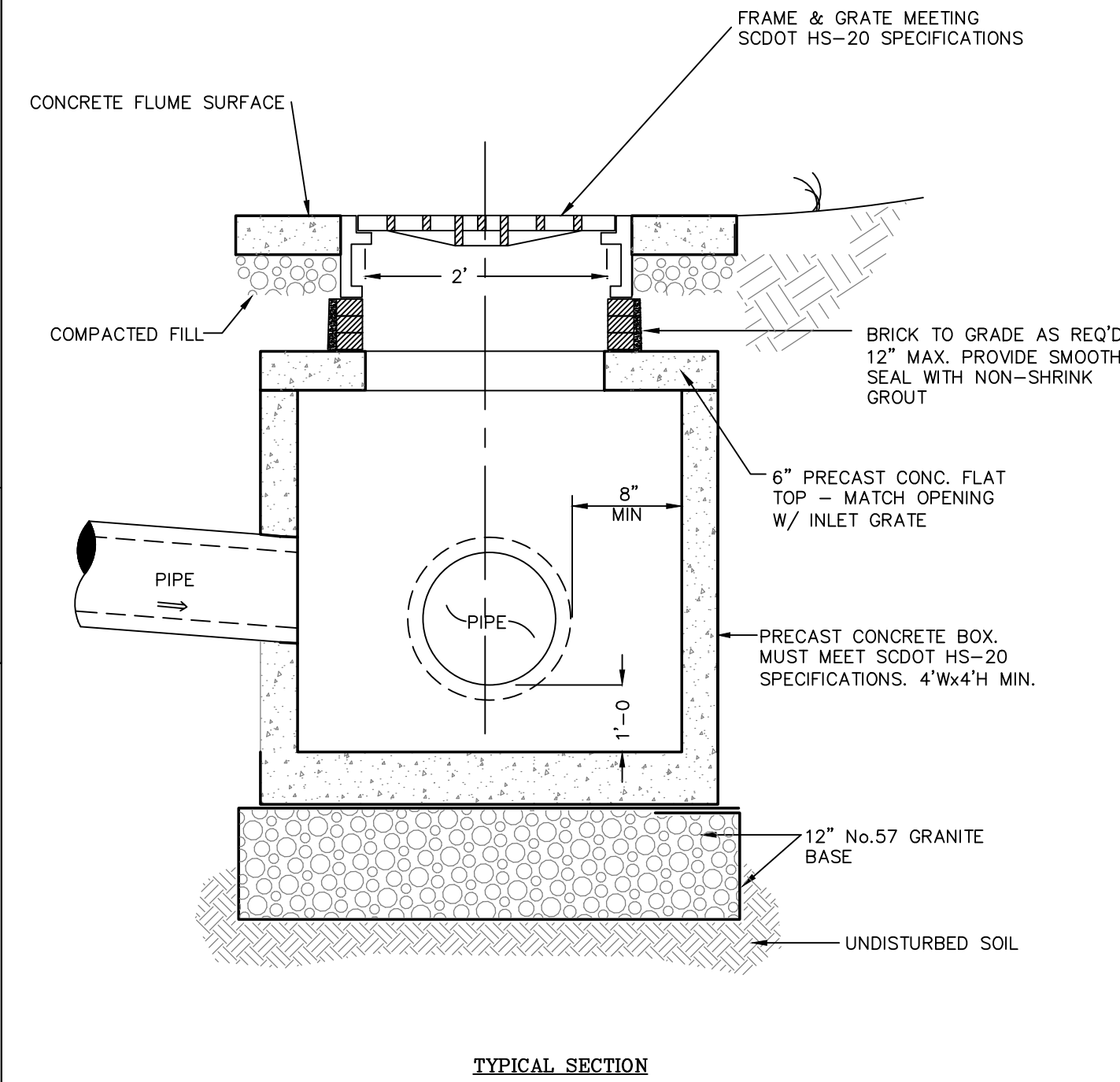


**PERFORATED PIPE TRENCH DETAIL**  
N.T.S.



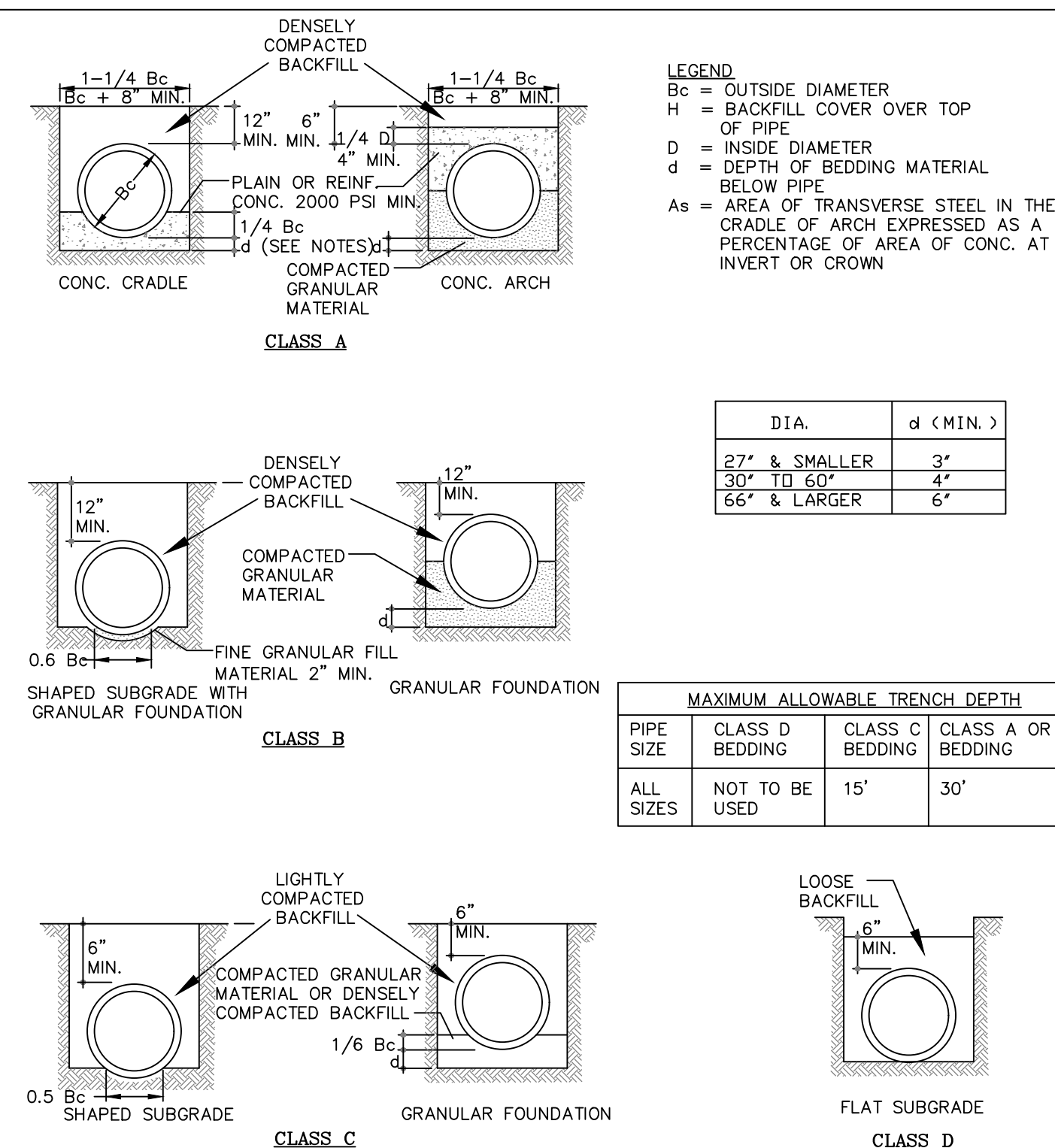
TYPICAL SECTION

**OPEN BOTTOM GRATE INLET**



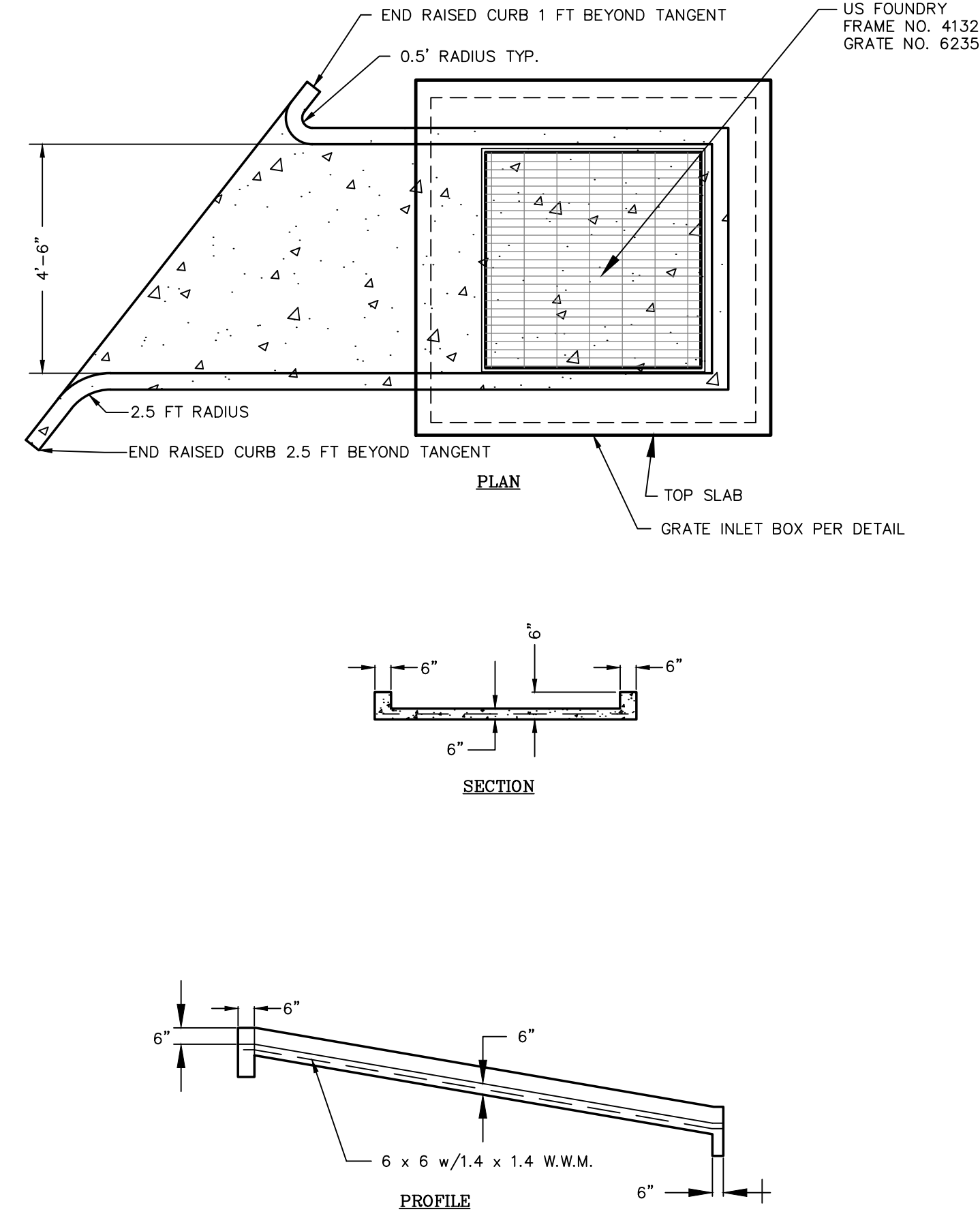
TYPICAL SECTION

**GRATE INLET IN FLUME**



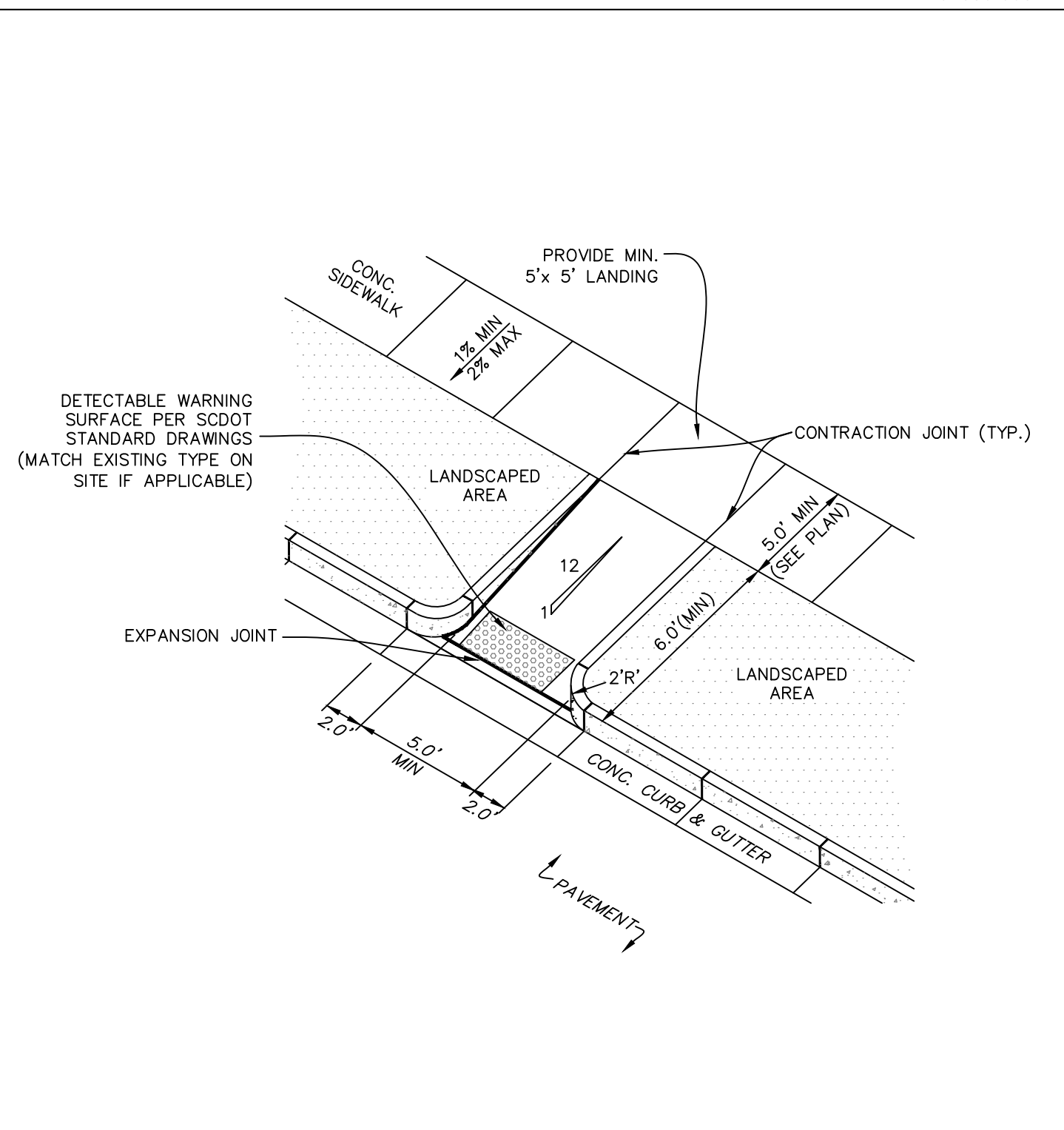
NOTES:  
1. FOR CLASS A BEDDINGS USE d AS DEPTH OF CONCRETE BELOW PIPE UNLESS OTHERWISE INDICATED BY SOIL OR DESIGN CONDITIONS  
2. FOR CLASS B AND C BEDDINGS SUBGRADE SHOULD BE EXCAVATED (OR OVER EXCAVATED IF NECESSARY) SO A UNIFORM FOUNDATION FREE OF PROTRUDING ROCKS MAY BE PROVIDED  
3. SPECIAL CARE MAY BE NECESSARY WITH CLASS A OR OTHER UNYIELDING FOUNDATIONS TO CUSHION PIPE FROM SHOCK WHEN BLASTING CAN BE ANTICIPATED IN THE AREA

**TRENCH BEDDINGS FOR CIRCULAR CONCRETE PIPE**  
DETAIL 02630-007



**CONCRETE FLUME**

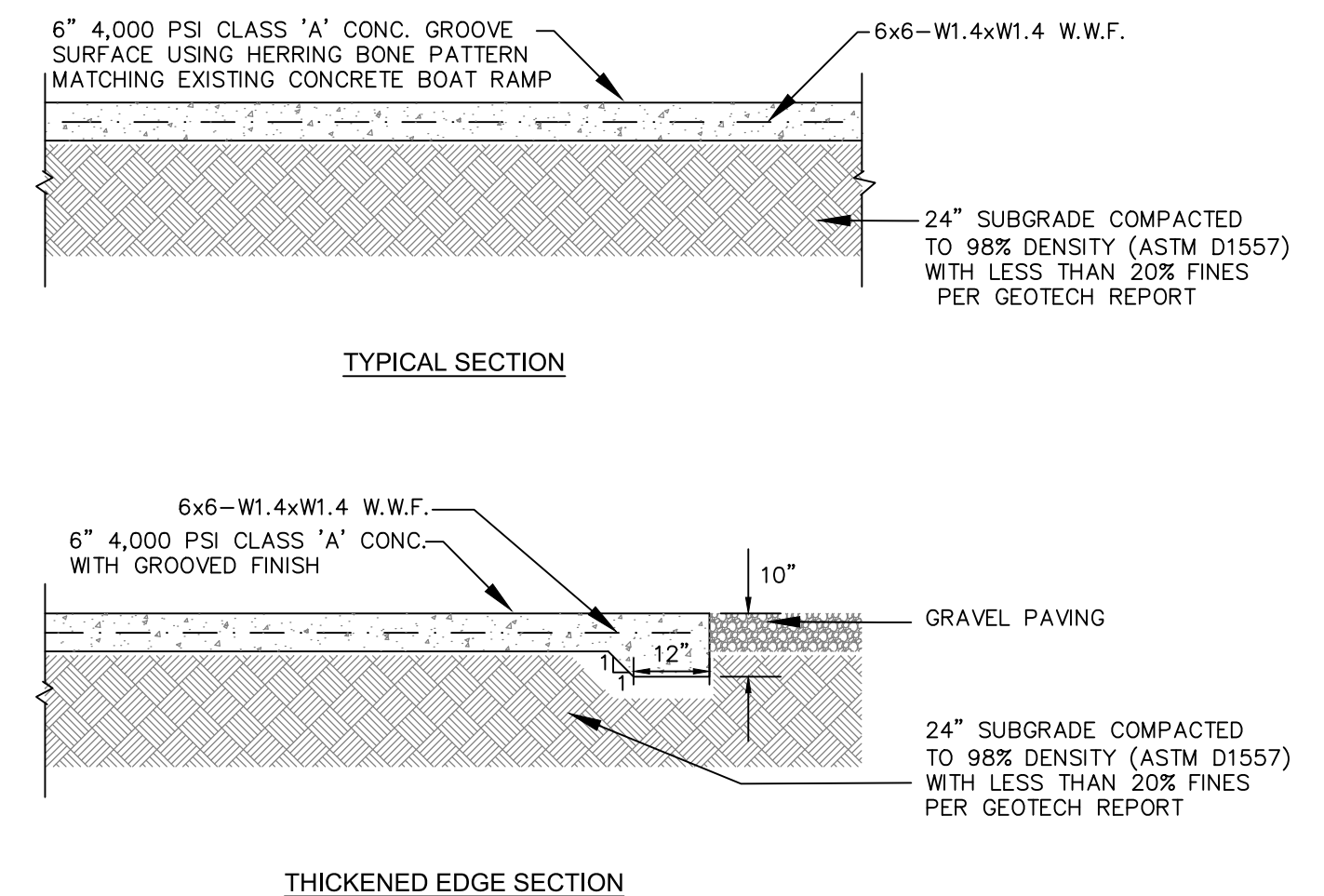
DETAIL 02630-008



NOTES:  
1. ALL CONCRETE SHALL BE CLASS A, 3,000 PSI.  
2. REFER TO STANDARD DETAILS FOR SIDEWALKS, CURB & GUTTER, AND CONCRETE JOINTS.  
3. CURB RAMP SHALL BE BROOM-FINISHED TO PROVIDE A ROUGH, SKID-RESISTANT SURFACE. ALL JOINTS AND EDGES SHALL BE HAND TOOLED.  
4. GUTTER FLOW LINE AND PLAN PROFILE SHALL BE MAINTAINED THROUGH THE RAMP AREA. THE SURFACE OF THE RAMP SHALL BE FLUSH WITH THE FLOWLINE OF THE CURB AND GUTTER.  
5. PLACE DETECTABLE WARNING IN LINE AND FLUSH WITH BACK OF "DROPPED CURB".  
6. SIDE SLOPES OF THE RAMP ARE NOT TO EXCEED 12:1 (8.33%) AT ANY LOCATION WHERE PEDESTRIAN TRAFFIC CROSSES THE RAMP.  
7. CROSS SLOPES OF SIDEWALK, RAMP, AND LANDING TO BE BETWEEN 100:1 (1%) AND 50:1 (2%).

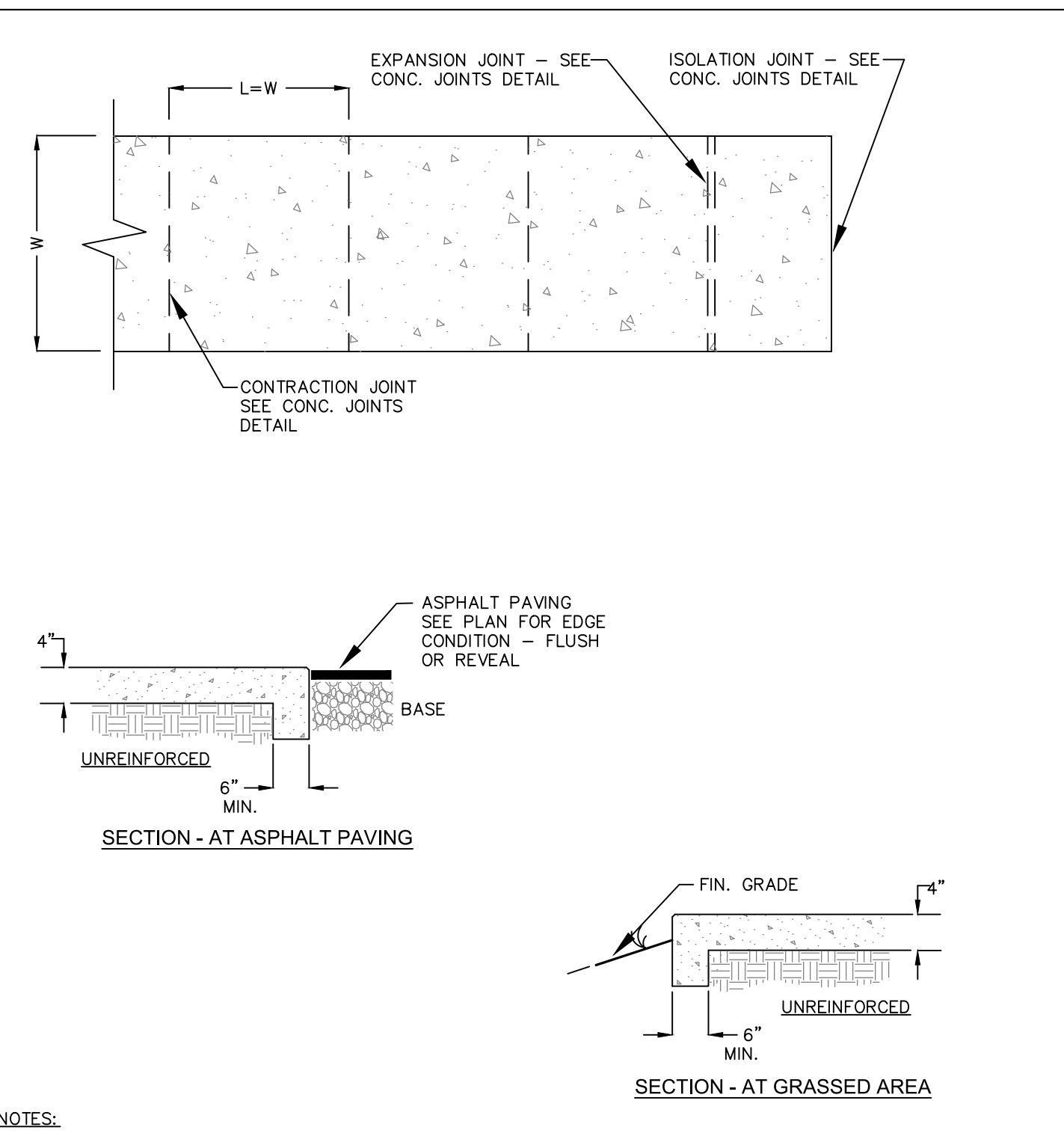
**CONCRETE CURB RAMP- TYPE D**

DETAIL 03300-033



**CONCRETE PAVING SECTION**

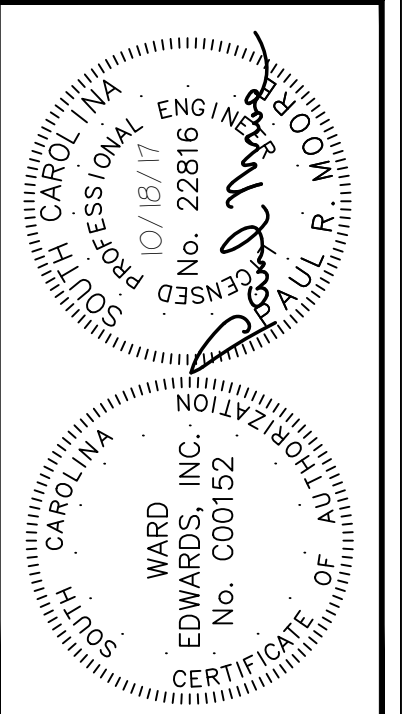
DETAIL #03300-034



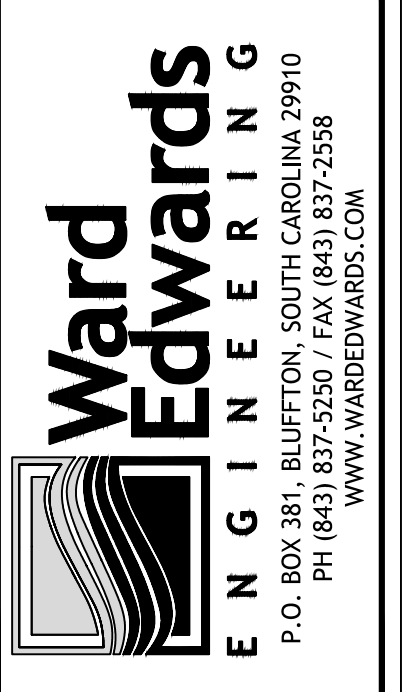
NOTES:  
1. W = VARIES, REFER TO STAKING PLAN.  
2. L = WIDTH OF PAVING UNLESS OTHERWISE INDICATED ON PLAN.  
3. SLOPE = AS INDICATED ON GRADING PLAN, NOT TO EXCEED 2% CROSS OR 8.33% LONGITUDINAL.  
4. ALL CONCRETE SHALL BE CLASS A 3000 PSI.  
5. FINISH: BROOM WITH HAND TOOLED JOINTS AND EDGES.

**CONCRETE SIDEWALK**

DETAIL 03300-022



NO.	DESCRIPTION	DATE
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**OYSTER FACTORY PARK**  
TOWN OF BLUFFTON, SOUTH CAROLINA  
**THE TOWN OF BLUFFTON**  
Beaufort County, South Carolina  
**CONSTRUCTION DETAILS**

NOT FOR CONSTRUCTION  
RELEASED FOR CONSTRUCTION

PROJECT #: 150607  
DATE: 02/01/18  
DESIGNED BY: PRM  
CHECKED BY: HED  
SCALE: AS NOTED

**SHEET C401**

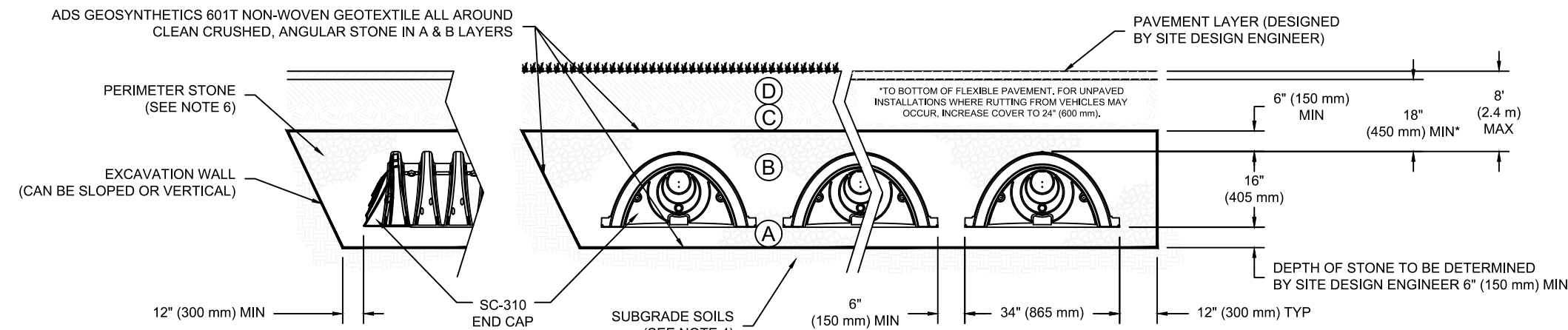
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**ACCEPTABLE FILL MATERIALS: STORMTECH SC-310 CHAMBER SYSTEMS**

MATERIAL LOCATION	DESCRIPTION	AASHTO MATERIAL CLASSIFICATIONS	COMPACTION / DENSITY REQUIREMENT
D	<b>FINAL FILL:</b> FILL MATERIAL FOR LAYER 'D' STARTS FROM THE TOP OF THE 'C' LAYER TO THE BOTTOM OF FLEXIBLE PAVEMENT OR UNPAVED FINISHED GRADE ABOVE. NOTE THAT PAVEMENT SUBBASE MAY BE PART OF THE 'D' LAYER.	N/A	PREPARE PER SITE DESIGN ENGINEER'S PLANS. PAVED INSTALLATIONS MAY HAVE STRINGENT MATERIAL AND PREPARATION REQUIREMENTS.
C	<b>INITIAL FILL:</b> FILL MATERIAL FOR LAYER 'C' STARTS FROM THE TOP OF THE EMBEDMENT STONE ('B' LAYER) TO 18" (450 mm) ABOVE THE TOP OF THE CHAMBERS. NOTE THAT PAVEMENT SUBBASE MAY BE A PART OF THE 'C' LAYER.	AASHTO M145' A-1, A-2.4, A-3  OR AASHTO M43' 3, 357, 4, 467, 5, 56, 57, 6, 67, 68, 7, 78, 8, 89, 9, 10	BEGIN COMPACTIONS AFTER 12" (300 mm) OF MATERIAL OVER THE CHAMBERS IS REACHED. COMPACT ADDITIONAL LAYERS IN 6" (150 mm) MAX LIFTS TO A MIN. 95% PROCTOR DENSITY FOR WELL GRADED MATERIAL AND 95% RELATIVE DENSITY FOR PROCESSED AGGREGATE MATERIALS. ROLLER GROSS VEHICLE WEIGHT NOT TO EXCEED 12,000 lbs (53 kN). DYNAMIC FORCE NOT TO EXCEED 20,000 lbs (89 kN).
B	<b>EMBEDMENT STONE:</b> FILL SURROUNDING THE CHAMBERS FROM THE FOUNDATION STONE ('A' LAYER) TO THE 'C' LAYER ABOVE.	AASHTO M43' 3, 357, 4, 467, 5, 56, 57	NO COMPACTION REQUIRED.
A	<b>FOUNDATION STONE:</b> FILL BELOW CHAMBERS FROM THE SUBGRADE UP TO THE FOOT (BOTTOM) OF THE CHAMBER.	AASHTO M43' 3, 357, 4, 467, 5, 56, 57	PLATE COMPACT OR ROLL TO ACHIEVE A FLAT SURFACE. **

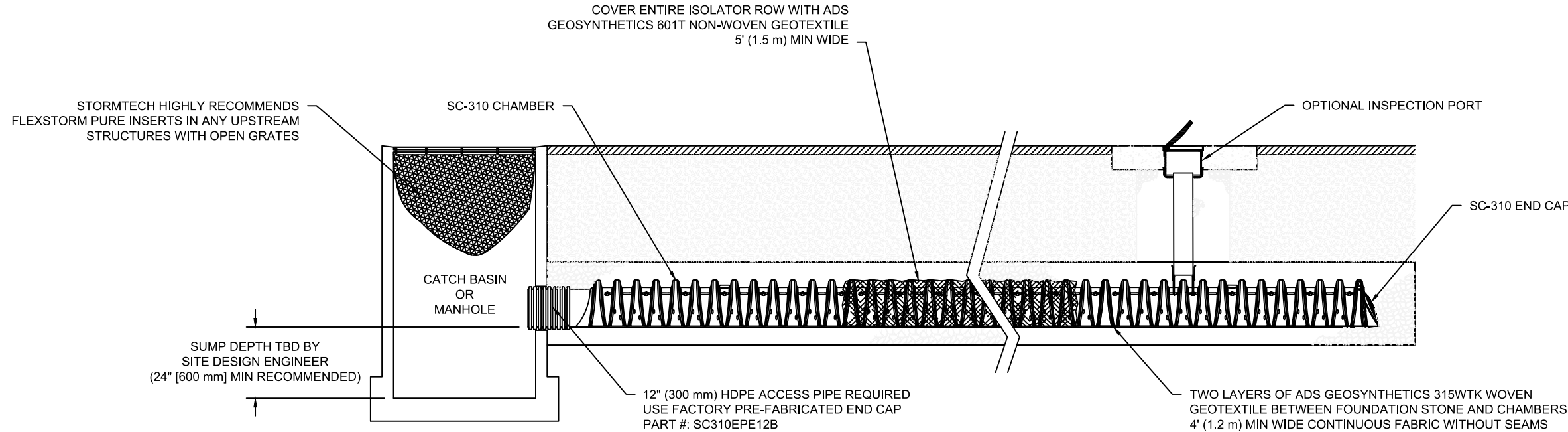
**PLEASE NOTE:**

- THE LISTED AASHTO DESIGNATIONS ARE FOR GRADATIONS ONLY. THE STONE MUST ALSO BE CLEAN, CRUSHED, ANGULAR. FOR EXAMPLE, A SPECIFICATION FOR #4 STONE WOULD STATE: "CLEAN, CRUSHED, ANGULAR NO. 4 (AASHTO M43) STONE".
- STORMTECH COMPACTION REQUIREMENTS ARE MET FOR 'A' LOCATION MATERIALS WHEN PLACED AND COMPACTED IN 6" (150 mm) (MAX) LIFTS USING TWO FULL COVERAGES WITH A VIBRATORY COMPACTOR.
- WHERE INFILTRATION SURFACES MAY BE COMPROMISED BY COMPACTION, FOR STANDARD DESIGN LOAD CONDITIONS, A FLAT SURFACE MAY BE ACHIEVED BY RAKING OR DRAGGING WITHOUT COMPACTION EQUIPMENT. FOR SPECIAL LOAD DESIGNS, CONTACT STORMTECH FOR COMPACTION REQUIREMENTS.



**NOTES:**

- SC-310 CHAMBERS SHALL CONFORM TO THE REQUIREMENTS OF ASTM F2418 "STANDARD SPECIFICATION FOR POLYPROPYLENE (PP) CORRUGATED WALL STORMWATER COLLECTION CHAMBERS", OR ASTM F2922 "STANDARD SPECIFICATION FOR POLYETHYLENE (PE) CORRUGATED WALL STORMWATER COLLECTION CHAMBERS".
- SC-310 CHAMBERS SHALL BE DESIGNED IN ACCORDANCE WITH ASTM F2787 "STANDARD PRACTICE FOR STRUCTURAL DESIGN OF THERMOPLASTIC CORRUGATED WALL STORMWATER COLLECTION CHAMBERS".
- "ACCEPTABLE FILL MATERIALS" TABLE ABOVE PROVIDES MATERIAL LOCATIONS, DESCRIPTIONS, GRADATIONS, AND COMPACTION REQUIREMENTS FOR FOUNDATION, EMBEDMENT, AND FILL MATERIALS.
- THE SITE DESIGN ENGINEER IS RESPONSIBLE FOR ASSESSING THE BEARING RESISTANCE (ALLOWABLE BEARING CAPACITY) OF THE SUBGRADE SOILS AND THE DEPTH OF FOUNDATION STONE WITH CONSIDERATION FOR THE RANGE OF EXPECTED SOIL MOISTURE CONDITIONS.
- PERIMETER STONE MUST BE EXTENDED HORIZONTALLY TO THE EXCAVATION WALL FOR BOTH VERTICAL AND SLOPED EXCAVATION WALLS.
- ONCE LAYER 'C' IS PLACED, ANY SOIL MATERIAL CAN BE PLACED IN LAYER 'D' UP TO THE FINISHED GRADE. MOST PAVEMENT SUBBASE SOILS CAN BE USED TO REPLACE THE MATERIAL REQUIREMENTS OF LAYER 'C' OR 'D' AT THE SITE DESIGN ENGINEER'S DISCRETION.



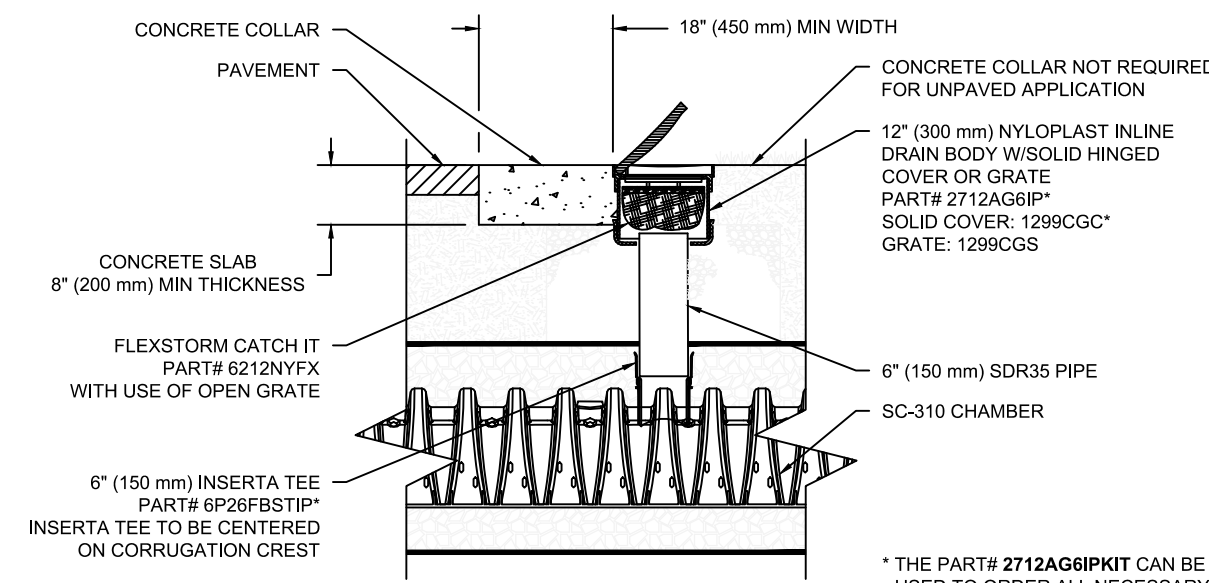
**SC-310 ISOLATOR ROW DETAIL**  
NTS

**INSPECTION & MAINTENANCE**

- STEP 1) INSPECT ISOLATOR ROW FOR SEDIMENT**
- INSPECTION PORTS (IF PRESENT)
    - REMOVE/OPEN LID ON NYLOPLAST INLINE DRAIN
    - REMOVE AND CLEAN FLEXSTORM FILTER IF INSTALLED
    - USING A FLASHLIGHT AND STADIA ROD, MEASURE DEPTH OF SEDIMENT AND RECORD ON MAINTENANCE LOG
    - LOWER A CAMERA INTO ISOLATOR ROW FOR VISUAL INSPECTION OF SEDIMENT LEVELS (OPTIONAL)
    - IF SEDIMENT IS AT OR ABOVE 3" (80 mm) PROCEED TO STEP 2. IF NOT, PROCEED TO STEP 3.
  - ALL ISOLATOR ROWS
    - REMOVE COVER FROM STRUCTURE AT UPSTREAM END OF ISOLATOR ROW
    - USING A FLASHLIGHT, INSPECT DOWN THE ISOLATOR ROW THROUGH OUTLET PIPE
      - MIRRORS ON POLES OR CAMERAS MAY BE USED TO AVOID A CONFINED SPACE ENTRY
      - FOLLOW OSHA REGULATIONS FOR CONFINED SPACE ENTRY IF ENTERING MANHOLE
    - IF SEDIMENT IS AT OR ABOVE 3" (80 mm) PROCEED TO STEP 2. IF NOT, PROCEED TO STEP 3.
- STEP 2) CLEAN OUT ISOLATOR ROW USING THE JETVAC PROCESS**
- A FIXED CULVERT CLEANING NOZZLE WITH REAR FACING SPREAD OF 45" (1.1 m) OR MORE IS PREFERRED
  - APPLY MULTIPLE PASSES OF JETVAC UNTIL BACKFLUSH WATER IS CLEAN
  - VACUUM STRUCTURE SUMP AS REQUIRED
- STEP 3) REPLACE ALL COVERS, GRATES, FILTERS, AND LIDS; RECORD OBSERVATIONS AND ACTIONS.**
- STEP 4) INSPECT AND CLEAN BASINS AND MANHOLES UPSTREAM OF THE STORMTECH SYSTEM.**

**NOTES**

- INSPECT EVERY 6 MONTHS DURING THE FIRST YEAR OF OPERATION. ADJUST THE INSPECTION INTERVAL BASED ON PREVIOUS OBSERVATIONS OF SEDIMENT ACCUMULATION AND HIGH WATER ELEVATIONS.
- CONDUCT JETTING AND VACTORING ANNUALLY OR WHEN INSPECTION SHOWS THAT MAINTENANCE IS NECESSARY.



**SC-310 6" INSPECTION PORT DETAIL**  
NTS

<b>SC-310</b> STANDARD CROSS SECTION DATE: 11/18/14 DRAWN: JLM PROJECT #: CHECKED: JLM	<b>SC-310</b> ISOLATOR ROW DETAILS DATE: 03/08/17 DRAWN: JLM PROJECT #: CHECKED:	<b>SC-310</b> ISOLATOR ROW DETAILS DATE: 03/08/17 DRAWN: JLM PROJECT #: CHECKED:	SHEET 1 OF 1
4650 TREEMAN BLVD HILLIARD, OH 43026 +5800-733-7473			
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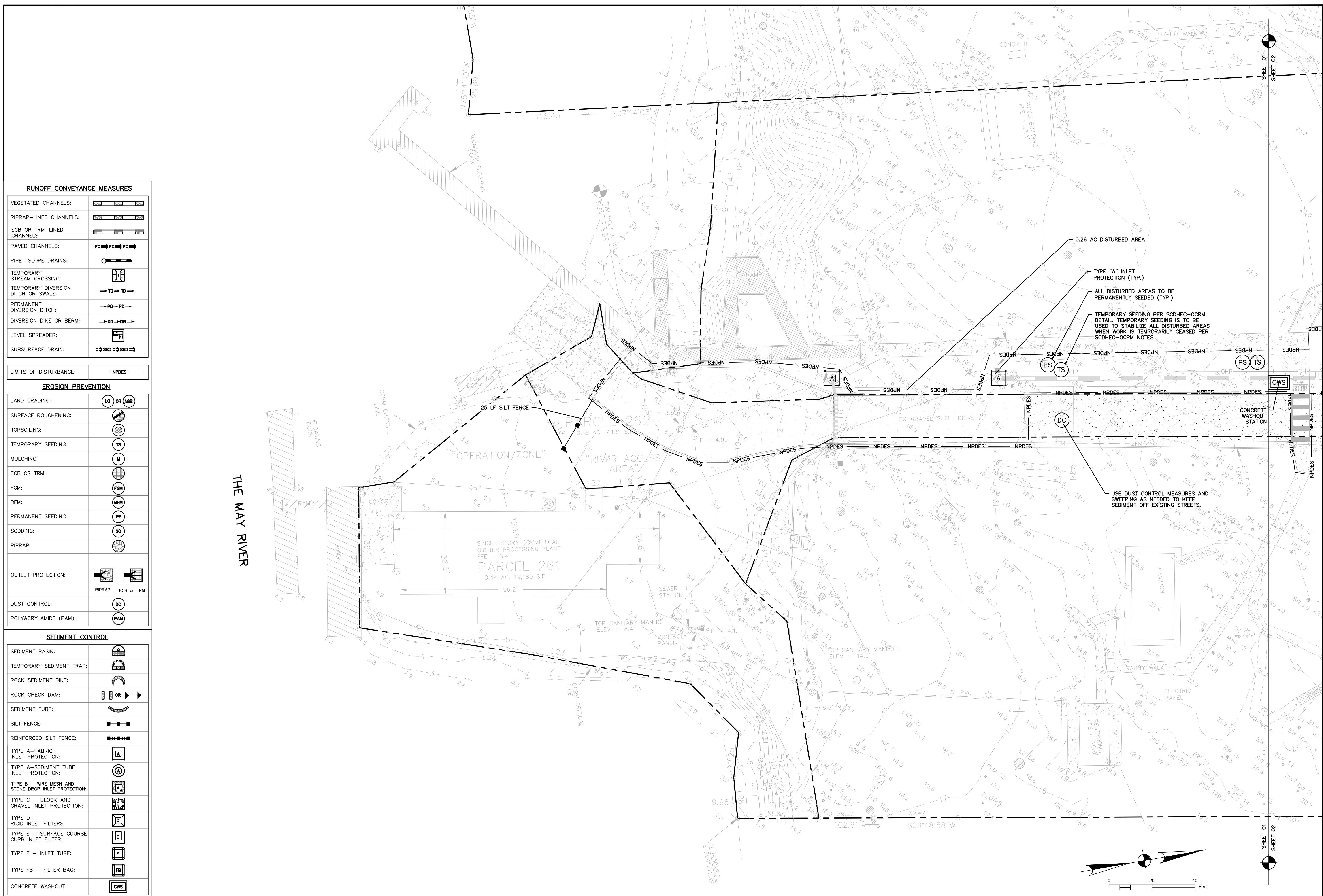
**OYSTER FACTORY PARK**  
 TOWN OF BLUFFTON, SOUTH CAROLINA  
**THE TOWN OF BLUFFTON**  
 Beaufort County, South Carolina  
**CONSTRUCTION DETAILS**

NOT FOR CONSTRUCTION  
 RELEASED FOR CONSTRUCTION

PROJECT #:	150602
DATE:	02/01/18
DESIGNED BY:	PRM
CHECKED BY:	HED
SCALE:	AS NOTED

**SHEET**  
**C402**

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**RUNOFF CONVEYANCE MEASURES**

VEGETATED CHANNELS:	
RIPRAP-LINED CHANNELS:	
ECB OR TRM-LINED CHANNELS:	
PAVED CHANNELS:	
PIPE SLOPE DRAINS:	
TEMPORARY STREAM CROSSING:	
TEMPORARY DIVERSION DITCH OR SWALE:	
PERMANENT DIVERSION DITCH:	
DIVERSION DIKE OR BERM:	
LEVEL SPREADER:	
SUBSURFACE DRAIN:	

LIMITS OF DISTURBANCE:

**EROSION PREVENTION**

LAND GRADING:	
SURFACE ROUGHENING:	
TOPSOILING:	
TEMPORARY SEEDING:	
MULCHING:	
ECB OR TRM:	
FGM:	
BFM:	
PERMANENT SEEDING:	
SODDING:	
RIPRAP:	
OUTLET PROTECTION:	
DUST CONTROL:	
POLYACRYLAMIDE (PAM):	

**SEDIMENT CONTROL**

SEDIMENT BASIN:	
TEMPORARY SEDIMENT TRAP:	
ROCK SEDIMENT DIKE:	
ROCK CHECK DAM:	
SEDIMENT TUBE:	
SILT FENCE:	
REINFORCED SILT FENCE:	
TYPE A - FABRIC INLET PROTECTION:	
TYPE A - SEDIMENT TUBE INLET PROTECTION:	
TYPE B - WIRE MESH AND STONE DROP INLET PROTECTION:	
TYPE C - BLOCK AND GRAVEL INLET PROTECTION:	
TYPE D - RIGID INLET FILTERS:	
TYPE E - SURFACE COURSE CURB INLET FILTER:	
TYPE F - INLET TUBE:	
TYPE FB - FILTER BAG:	
CONCRETE WASHOUT:	

Professional Engineer Seal for Ward Edwards, Inc. No. 000152, State of North Carolina. License No. 22816, dated 10/18/17.

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**Ward Edwards ENGINEERING**  
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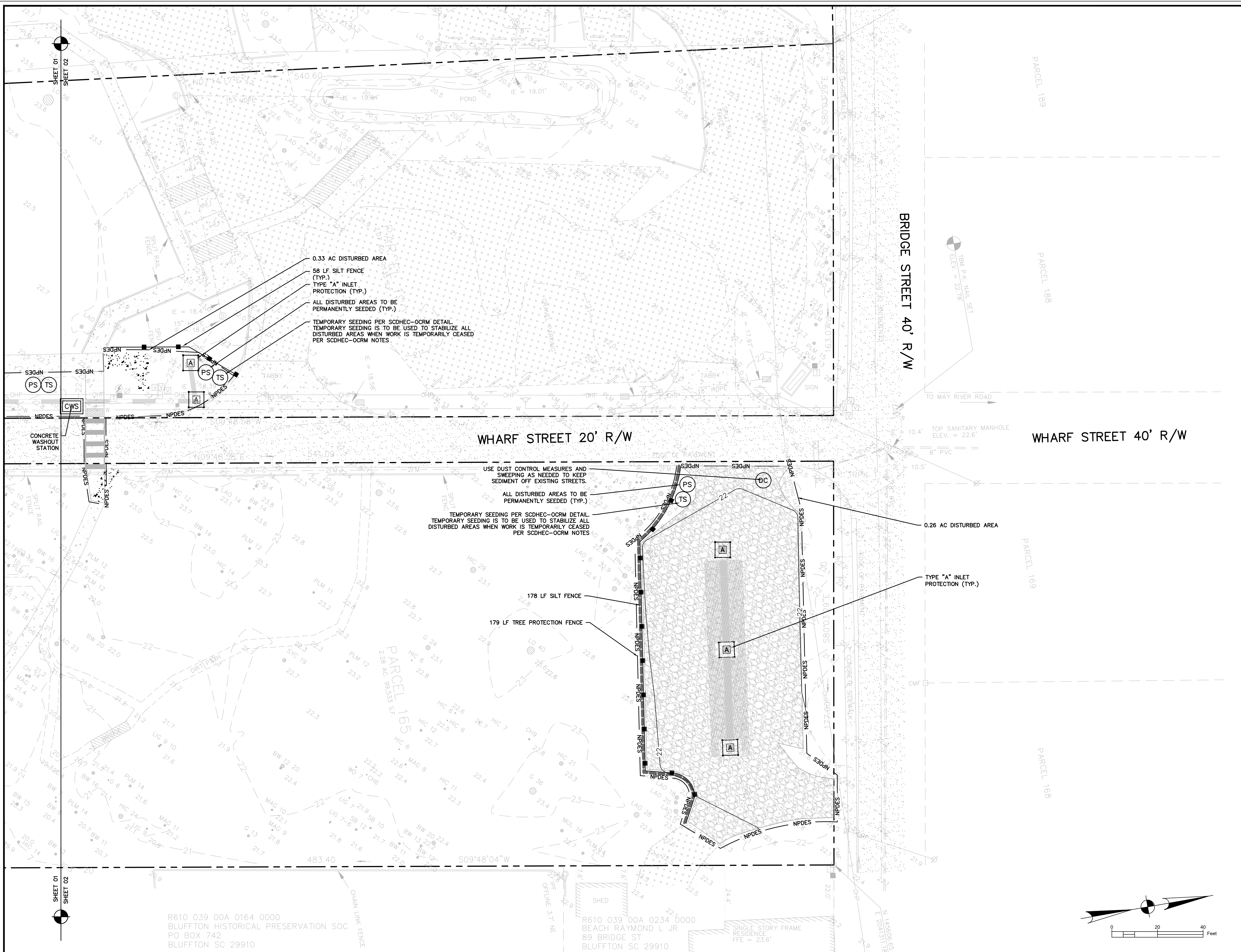
**OYSTER FACTORY PARK**  
 TOWN OF BLUFFTON, SOUTH CAROLINA  
**THE TOWN OF BLUFFTON**  
 Beaufort County, South Carolina  
**EROSION CONTROL PLAN**

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<input type="checkbox"/> RELEASED FOR CONSTRUCTION
PROJECT #: 150607
DATE: 02/01/18
DESIGNED BY: PRM
CHECKED BY: HED
SCALE: 1"=20'

**SHEET C501**

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0.33 AC DISTURBED AREA  
 58 LF SILT FENCE (TYP.)  
 TYPE "A" INLET PROTECTION (TYP.)  
 ALL DISTURBED AREAS TO BE PERMANENTLY SEEDED (TYP.)  
 TEMPORARY SEEDING PER SCDHEC-OCRM DETAIL. TEMPORARY SEEDING IS TO BE USED TO STABILIZE ALL DISTURBED AREAS WHEN WORK IS TEMPORARILY CEASED PER SCDHEC-OCRM NOTES.

USE DUST CONTROL MEASURES AND SWEEPING AS NEEDED TO KEEP SEDIMENT OFF EXISTING STREETS.  
 ALL DISTURBED AREAS TO BE PERMANENTLY SEEDED (TYP.)  
 TEMPORARY SEEDING PER SCDHEC-OCRM DETAIL. TEMPORARY SEEDING IS TO BE USED TO STABILIZE ALL DISTURBED AREAS WHEN WORK IS TEMPORARILY CEASED PER SCDHEC-OCRM NOTES.

0.26 AC DISTURBED AREA  
 TYPE "A" INLET PROTECTION (TYP.)

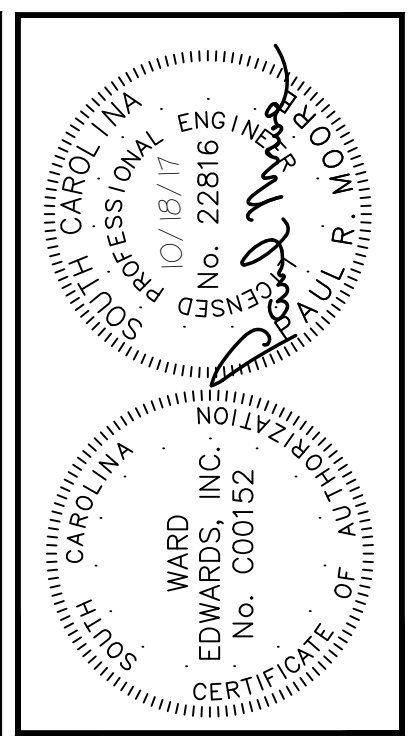
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 BLUFFTON HISTORICAL PRESERVATION SOC  
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 BLUFFTON SC 29910

R610 039 00A 0234 0000  
 BEACH RAYMOND L JR  
 89 BRIDGE ST  
 BLUFFTON SC 29910

RUNOFF CONVEYANCE MEASURES	
VEGETATED CHANNELS:	
RIPRAP-LINED CHANNELS:	
ECB OR TRM-LINED CHANNELS:	
PAVED CHANNELS:	
PIPE SLOPE DRAINS:	
TEMPORARY STREAM CROSSING:	
TEMPORARY DIVERSION DITCH OR SWALE:	
PERMANENT DIVERSION DITCH:	
DIVERSION DIKE OR BERM:	
LEVEL SPREADER:	
SUBSURFACE DRAIN:	

LIMITS OF DISTURBANCE:	
NPDES	
EROSION PREVENTION	
LAND GRADING:	
SURFACE ROUGHENING:	
TOPSOILING:	
TEMPORARY SEEDING:	
MULCHING:	
ECB OR TRM:	
FGM:	
BFM:	
PERMANENT SEEDING:	
SODDING:	
RIPRAP:	
OUTLET PROTECTION:	
DUST CONTROL:	
POLYACRYLAMIDE (PAM):	

SEDIMENT CONTROL	
SEDIMENT BASIN:	
TEMPORARY SEDIMENT TRAP:	
ROCK SEDIMENT DIKE:	
ROCK CHECK DAM:	
SEDIMENT TUBE:	
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TYPE F - INLET TUBE:	
TYPE FB - FILTER BAG:	
CONCRETE WASHOUT	



NO.	DESCRIPTION	DATE
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 ENGINEERING  
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**OYSTER FACTORY PARK**  
 TOWN OF BLUFFTON, SOUTH CAROLINA  
**THE TOWN OF BLUFFTON**  
 Beaufort County, South Carolina  
**EROSION CONTROL PLAN**

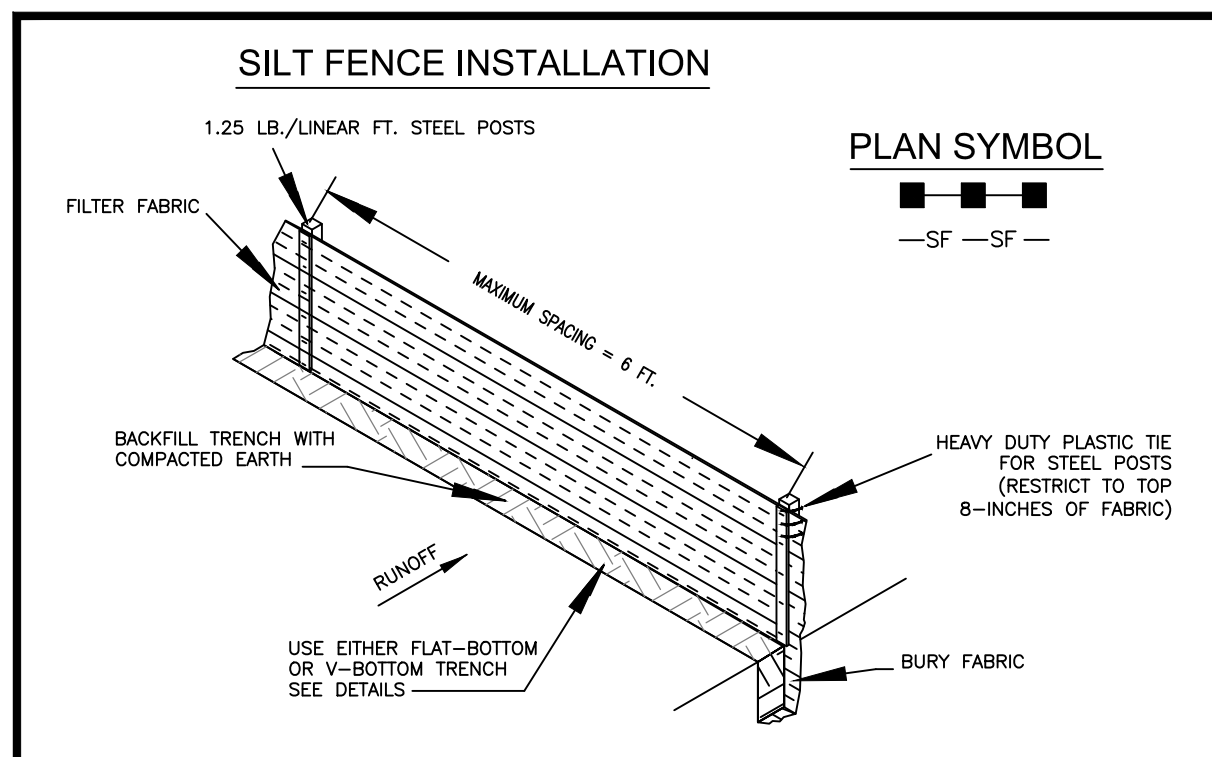
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PROJECT #: 150607  
 DATE: 02/01/18  
 DESIGNED BY: PRM  
 CHECKED BY: HED  
 SCALE: 1"=20'

**SHEET C502**

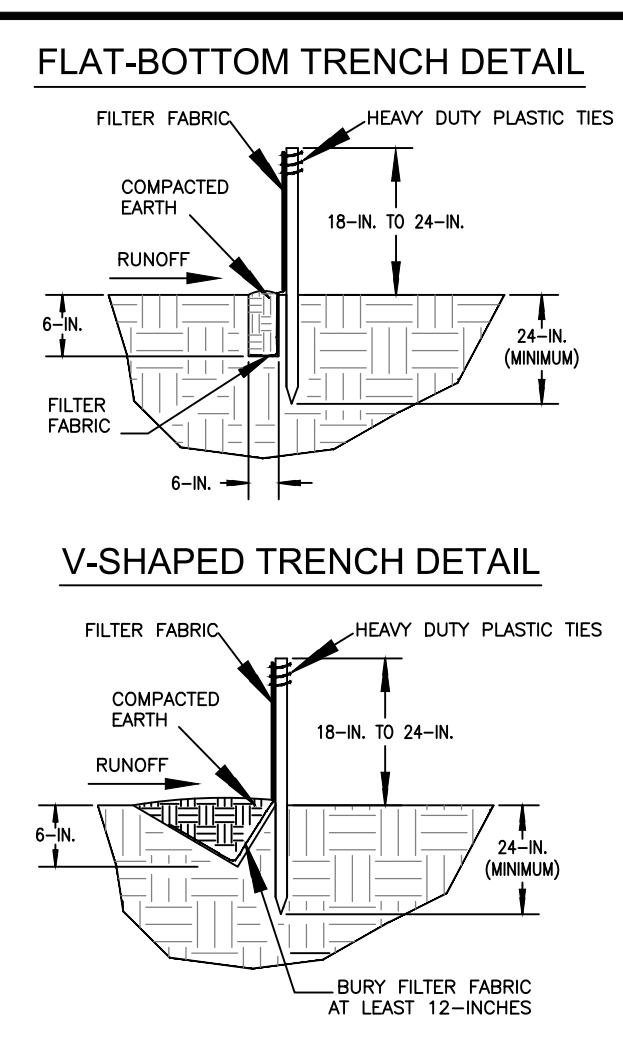
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**SILT FENCE -- GENERAL NOTES**

- Do not place silt fence across channels or in other areas subject to concentrated flows. Silt fence should not be used as a velocity control BMP. Concentrated flows are any flows greater than 0.5 cfs.
- Maximum sheet or overlaid flow path length to the silt fence shall be 100-feet.
- Maximum slope steepness (normal [perpendicular] to the fence line) shall be 2:1.
- Silt fence joints, when necessary, shall be completed by one of the following options:
  - Wrap each fabric together at a support post with both ends fastened to the post, with a 1-foot minimum overlap;
  - Overlap silt fence by installing 3-feet passed the support post to which the new silt fence roll is attached. Attach old roll to new roll with heavy-duty plastic ties; or,
  - Overlap entire width of each silt fence roll from one support post to the next support post.
- Attach filter fabric to the steel posts using heavy-duty plastic ties that are evenly spaced within the top 8-inches of the fabric.
- Install the silt fence perpendicular to the direction of the stormwater flow and place the silt fence the proper distance from the toe of steep slopes to provide sediment storage and access for maintenance and cleanout.
- Install Silt Fence Checks (Tie-Backs) every 50-100 feet, dependent on slope, along silt fence that is installed with slope and where concentrated flows are expected or are documented along the proposed/installed silt fence.

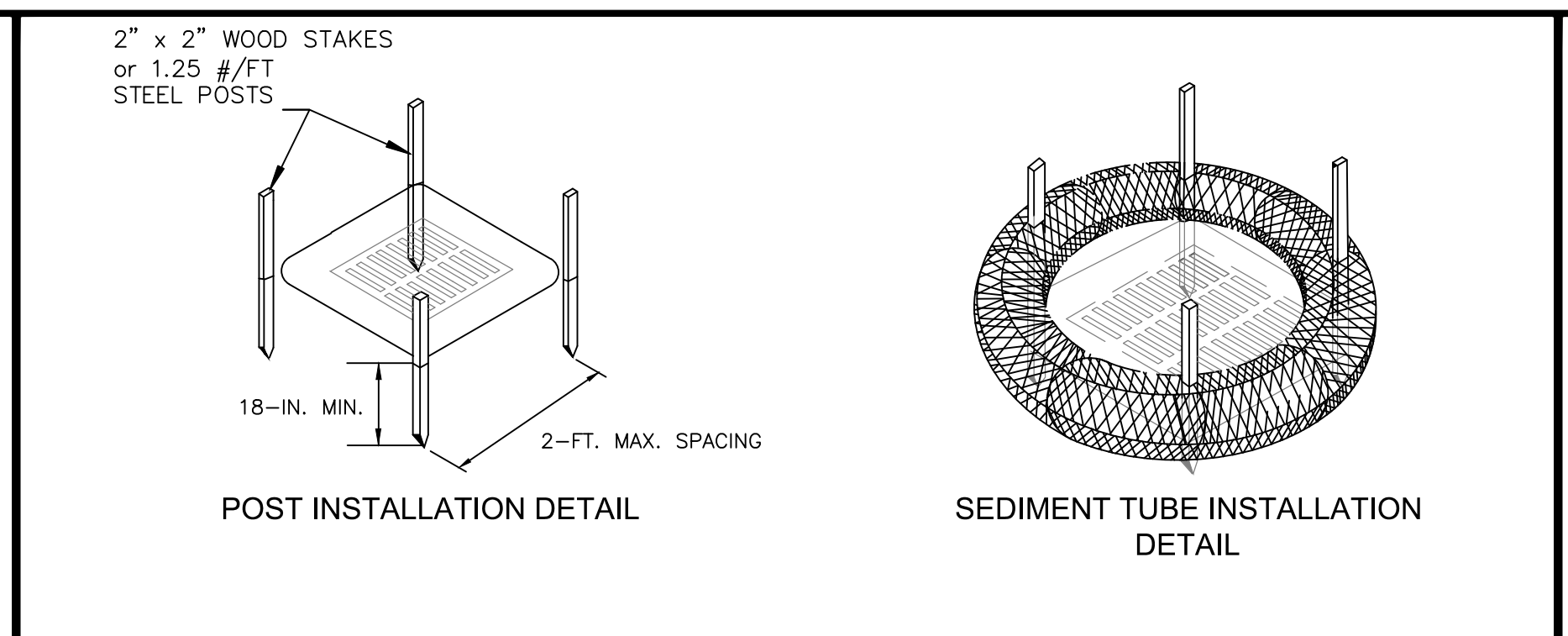


South Carolina Department of Health and Environmental Control

**SILT FENCE**

STANDARD DRAWING NO. SC-03 Page 1 of 2

NOT TO SCALE FEBRUARY 2014 DATE



2" x 2" WOOD STAKES or 1.25 #/FT STEEL POSTS

18-IN. MIN. 2-FT. MAX. SPACING

POST INSTALLATION DETAIL

SEDIMENT TUBE INSTALLATION DETAIL

PLAN SYMBOL

18-IN. TO 24-IN. DIA. "D" = TUBE DIAMETER

24-IN. MIN. 1/5 "D"

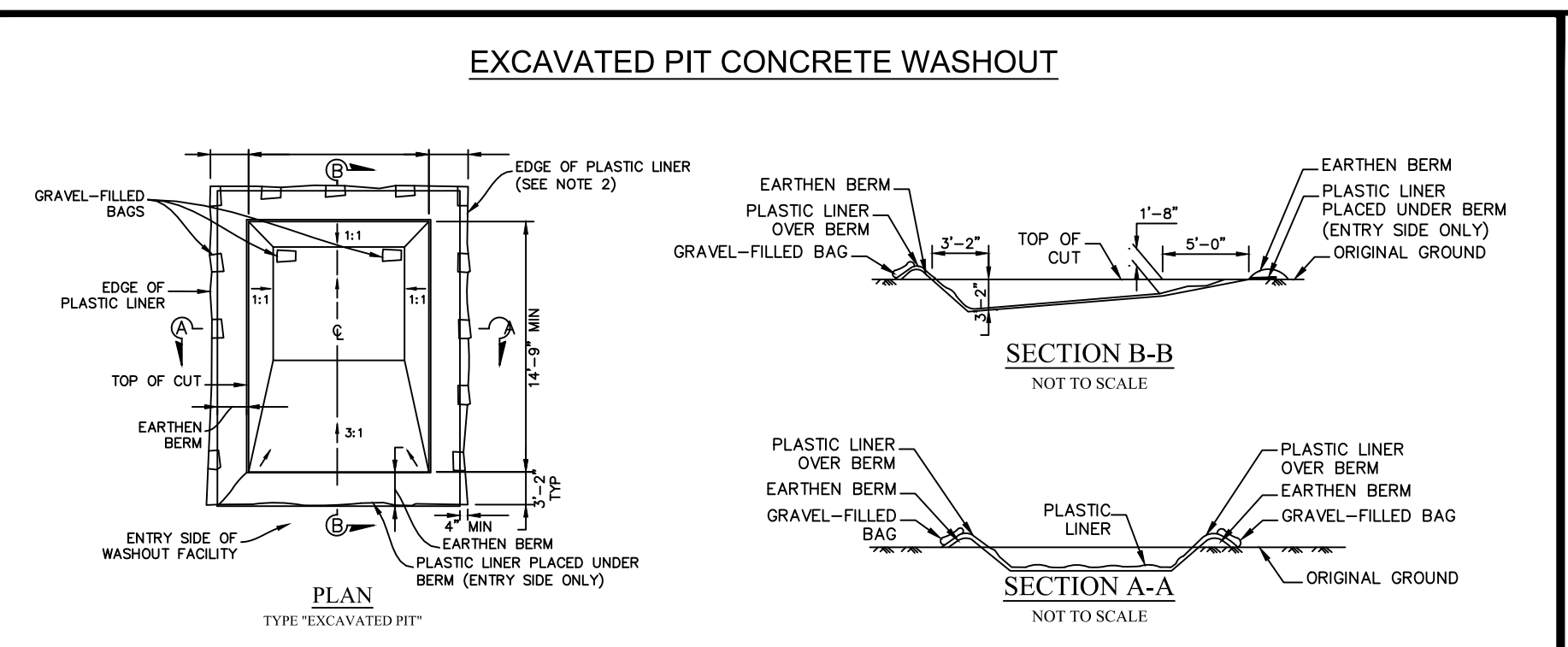
SEDIMENT TUBE BURIAL DETAIL

South Carolina Department of Health and Environmental Control

**Type A SEDIMENT TUBE INLET PROTECTION**

STANDARD DRAWING NO. SC-07A PAGE 1 of 2

NOT TO SCALE FEBRUARY 2014 DATE



EXCAVATED PIT CONCRETE WASHOUT

PLAN TYPE "EXCAVATED PIT"

SECTION B-B NOT TO SCALE

SECTION A-A NOT TO SCALE

LETTERS A MINIMUM OF 5" IN HEIGHT

CONCRETE WASHOUT SIGN DETAIL

CONCRETE WASHOUT SIGN DETAIL

NOTES:

- ACTUAL LAYOUT DETERMINED IN FIELD.
- INSTALL CONCRETE WASHOUT SIGN (24"x24", MINIMUM) WITHIN 30' OF THE TEMPORARY CONCRETE WASHOUT FACILITY.
- TEMPORARY WASHOUT AREA MUST BE AT LEAST 50' FROM A STORM DRAIN, CREEK BANK OR PERIMETER CONTROL.
- CLEAN OUT CONCRETE WASHOUT AREA WHEN 50% FULL.
- THE KEY TO FUNCTIONAL CONCRETE WASHOUTS IS WEEKLY INSPECTIONS, ROUTINE MAINTENANCE, AND REGULAR CLEAN OUT.
- SILT FENCE SHALL BE INSTALLED AROUND PERIMETER OF CONCRETE WASHOUT AREA EXCEPT FOR THE SIDE UTILIZED FOR ACCESSING THE WASHOUT.
- A ROCK CONSTRUCTION ENTRANCE MAY BE NECESSARY ALONG ONE SIDE OF THE WASHOUT TO PROVIDE VEHICLE ACCESS.

South Carolina Department of Health and Environmental Control

**CONCRETE WASHOUT EXCAVATED PIT**

STANDARD DRAWING NO. RC-08 PAGE 1 of 1

NOT TO SCALE FEBRUARY 2014 DATE

**SILT FENCE -- POST REQUIREMENTS**

- Silt fence posts must be 48-inch long steel posts that meet, at a minimum, the following physical characteristics:
  - Composed of a high strength steel with a minimum yield strength of 50,000 psi.
  - Include a standard "T" section with a nominal face width of 1.38-inches and a nominal "T" length of 1.48-inches.
  - Weight 1.25 pounds per foot (± 8%).
- Posts shall be equipped with projections to aid in fastening of filter fabric.
- Steel posts may need to have a metal soil stabilization plate welded near the bottom when installed along steep slopes or installed in loose soils. The plate should have a minimum cross section of 17-square inches and be composed of 15 gauge steel, at a minimum. The metal soil stabilization plate should be completely buried.
- Install posts to a minimum of 24-inches. A minimum height of 1- to 2-inches above the fabric shall be maintained, and a maximum height of 3 feet shall be maintained above the ground.
- Post spacing shall be at a maximum of 6-feet on center.

**SILT FENCE -- FABRIC REQUIREMENTS**

- Silt fence must be composed of woven geotextile filter fabric that consists of the following requirements:
  - Composed of fibers consisting of long chain synthetic polymers of at least 85% by weight of polyolefins, polyesters, or polyamides that are formed into a network such that the filaments or yarns retain dimensional stability relative to each other;
  - Free of any treatment or coating which might adversely alter its physical properties after installation;
  - Free of any defects or flaws that significantly affect its physical and/or filtering properties; and,
  - Have a minimum width of 36-inches.
- Use only fabric appearing on SC DOT's Qualified Products Listing (QPL), Approval Sheet #34, meeting the requirements of the most current edition of the SC DOT Standard Specifications for Highway Construction.
- 12-inches of the fabric should be placed within excavated trench and toed in when the trench is backfilled.
- Filter Fabric shall be purchased in continuous rolls and cut to the length of the barrier to avoid joints.
- Filter Fabric shall be installed at a minimum of 24-inches above the ground.

**SILT FENCE -- INSPECTION & MAINTENANCE**

- The key to functional silt fence is weekly inspections, routine maintenance, and regular sediment removal.
- Regular inspections of silt fence shall be conducted once every calendar week and, as recommended, within 24-hours after each rainfall even that produces 1/2-inch or more of precipitation.
- Attention to sediment accumulations along the silt fence is extremely important. Accumulated sediment should be continually monitored and removed when necessary.
- Remove accumulated sediment when it reaches 1/3 the height of the silt fence.
- Removed sediment shall be placed in stockpile storage areas or spread thinly across disturbed area. Stabilize the removed sediment after it is relocated.
- Check for areas where stormwater runoff has eroded a channel beneath the silt fence, or where the fence has sagged or collapsed due to runoff overtopping the silt fence. Install checks/tie-backs and/or reinstall silt fence, as necessary.
- Check for tears within the silt fence, areas where silt fence has begun to decompose, and for any other circumstance that may render the silt fence ineffective. Removed damaged silt fence and reinstall new silt fence immediately.
- Silt fence should be removed within 30 days after final stabilization is achieved and once it is removed, the resulting disturbed area shall be permanently stabilized.

South Carolina Department of Health and Environmental Control

**SILT FENCE**

STANDARD DRAWING NO. SC-03 PAGE 2 of 2

GENERAL NOTES FEBRUARY 2014 DATE

**TYPE A -- SEDIMENT TUBE INLET PROTECTION**

**GENERAL NOTES**

- Sediment tubes are elongated tubes of compacted geotextiles, curled excelsior wood, natural coconut fiber, or hardwood mulch. Straw, pine needles, and leaf mulch-filled sediment tubes are not permitted.
- The outer netting of the sediment tube should consist of seamless, high-density polyethylene photodegradable materials treated with ultraviolet stabilizers or a seamless, high-density polyethylene non-degradable material.
- Sediment tube diameters shall range from 18-inches to 24-inches. Sediment tubes with smaller diameters are prohibited when used as inlet protection.
- Curled excelsior wood, or natural coconut products that are rolled up to create a sediment tube are not allowed.
- Sediment tubes should be staked using wooden oak stakes (2-inch X 2-inch) or steel posts (standard "T" or "T" sections with a minimum weight of 1.25 pounds per foot) at a minimum of 48-inches in length placed on 2-foot centers.
- Install all sediment tubes to ensure that no gaps exist between the soil and the bottom of the tube. Manufacturer's recommendations should always be consulted before installation.
- The ends of adjacent sediment tubes should be overlapped 6-inches to prevent flow and sediment from passing through the field joint.
- Sediment tubes should not be stacked on top of one another.
- Each sediment tube should be installed in a trench with a depth equal to 1/5 the diameter of the sediment tube.
- Install stakes at a diagonal facing incoming runoff.

**INSPECTION & MAINTENANCE**

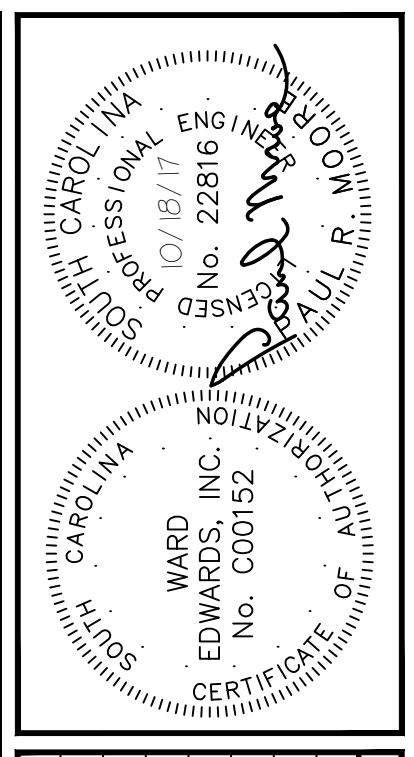
- The key to functional inlet protection is weekly inspections, routine maintenance, and regular sediment removal.
- Regular inspections of sediment tube inlet protection shall be conducted once every calendar week and, as recommended, within 24-hours after each rainfall even that produces 1/2-inch or more of precipitation.
- Attention to sediment accumulations in front of the sediment tube is extremely important. Accumulated sediment should be continually monitored and removed when necessary.
- Remove accumulated sediment when it reaches 1/3 the height of the sediment tube. When a sump is installed in front of the inlet protection, sediment shall be removed when it fills approximately 1/3 the depth of the sump.
- Removed sediment shall be placed in stockpile storage areas or spread thinly across disturbed area. Stabilize the removed sediment after it is relocated.
- Large debris, trash, and leaves should be removed from in front of tubes when found.
- Inlet protection structures should be removed after the disturbed areas are permanently stabilized. Remove all construction material and sediment, and dispose of them properly. Grade the disturbed area to the elevation of the drop inlet structure crest. Stabilize all bare areas immediately.

South Carolina Department of Health and Environmental Control

**Type A SEDIMENT TUBE INLET PROTECTION**

STANDARD DRAWING NO. SC-07A PAGE 2 of 2

NOT TO SCALE FEBRUARY 2014 DATE



NO.	DESCRIPTION	DATE
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**Ward Edwards ENGINEERING**

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OYSTER FACTORY PARK  
TOWN OF BLUFFTON, SOUTH CAROLINA

THE TOWN OF BLUFFTON  
Beaufort County, South Carolina

**EROSION CONTROL DETAILS**

NOT FOR CONSTRUCTION  
 RELEASED FOR CONSTRUCTION

PROJECT #: 150607  
DATE: 02/01/18  
DESIGNED BY: PRM  
CHECKED BY: HED  
SCALE: AS NOTED

SHEET  
**C503**

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TEMPORARY SEEDING – COASTAL

SPECIES	LBS/AC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
SANDY, DROUGHTY SITES													
BROWNTOP MILLET	40 LBS/AC												
RYE, GRAIN	56 LBS/AC												
RYEGRASS	50 LBS/AC												
WELL DRAINED, CLAYEY/LOAMEY SITES													
BROWNTOP MILLET OR JAPANESE MILLET	40 LBS/AC												
RYE, GRAIN OR OATS	56 LBS/AC												
RYEGRASS	50 LBS/AC												

PERMANENT SEEDING – COASTAL

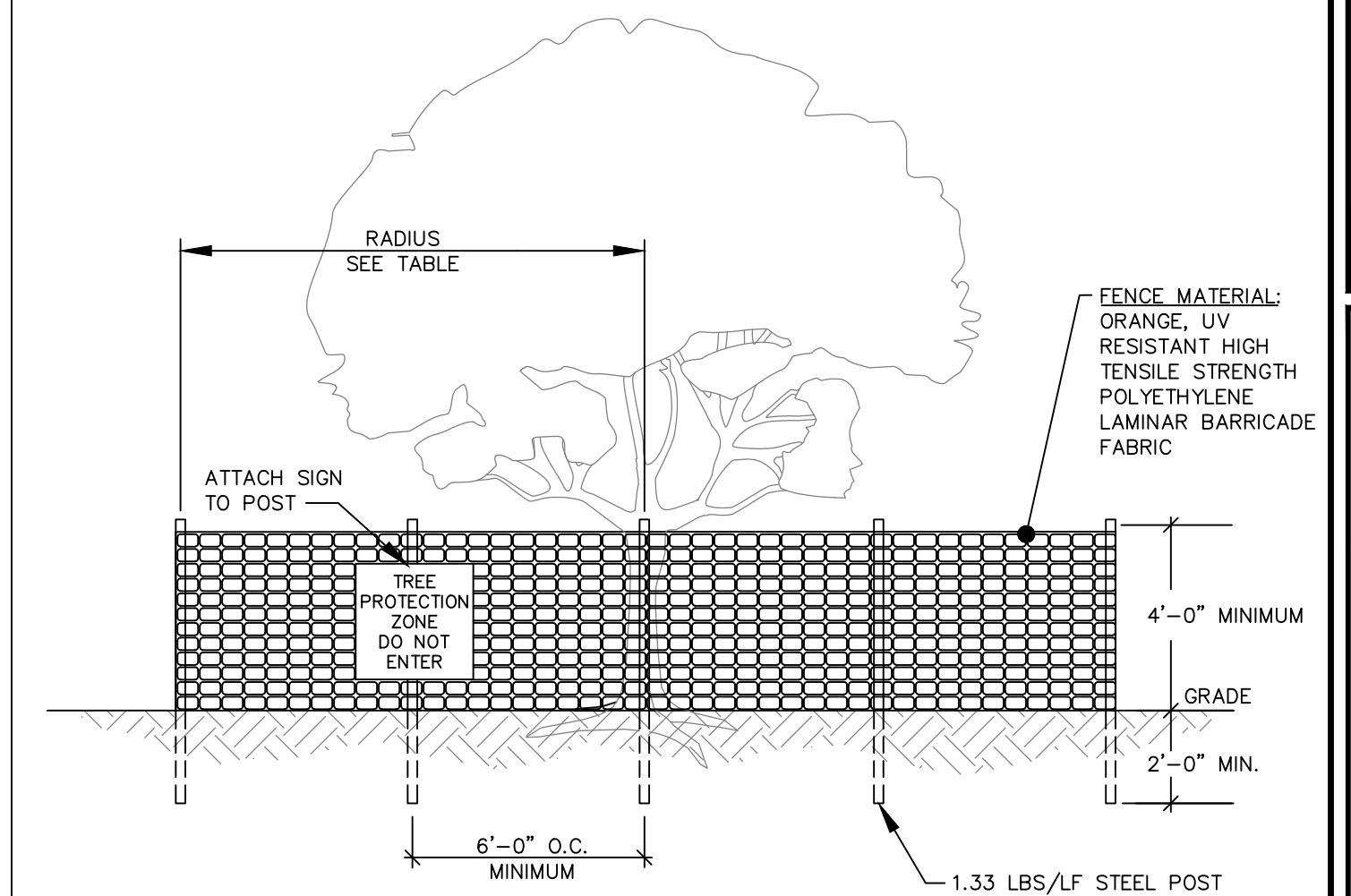
SPECIES	LBS/AC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
SANDY, DROUGHTY SITES													
BROWNTOP MILLET	10 LBS/AC												
BAHIAGRASS	40 LBS/AC												
BROWNTOP MILLET	10 LBS/AC												
BAHIAGRASS	30 LBS/AC												
SERICEA LESPEDEZA	40 LBS/AC												
WELL DRAINED, CLAYEY/LOAMEY SITES													
BROWNTOP MILLET	10 LBS/AC												
BAHIAGRASS	40 LBS/AC												
RYE, GRAIN	10 LBS/AC												
BAHIAGRASS	40 LBS/AC												
CLOVER, CRIMSON (ANNUAL)	5 LBS/AC												
BROWNTOP MILLET	10 LBS/AC												
BAHIAGRASS	30 LBS/AC												
SERICEA LESPEDEZA	40 LBS/AC												
BROWNTOP MILLET	10 LBS/AC												
BERMUDA, COMMON	10 LBS/AC												
SERICEA LESPEDEZA	40 LBS/AC												
BROWNTOP MILLET	10 LBS/AC												
BERMUDA, COMMON	12 LBS/AC												
KOBE LESPEDEZA (ANNUAL)	10 LBS/AC												
BROWNTOP MILLET	10 LBS/AC												
BAHIAGRASS	20 LBS/AC												
BERMUDA, COMMON	6 LBS/AC												
SERICEA LESPEDEZA	40 LBS/AC												
BROWNTOP MILLET	10 LBS/AC												
SWITCHGRASS	8 LBS/AC												
LITTLE BLUESTEM	3 LBS/AC												
INDIANGRASS	3 LBS/AC												

TS TEMPORARY SEEDING - COASTAL

DETAIL 02370-011

PS PERMANENT SEEDING - COASTAL

DETAIL 02370-010



NOTES:

- ALL TREES DESIGNATED TO BE SAVED SHALL BE PROTECTED BY FENCING.
- INSTALL TREE PROTECTION FENCE TO RADIUS INDICATED IN TABLE UNLESS OTHERWISE INDICATED ON PLANS.
- WARNING SIGNS TO BE MADE OF DURABLE WATERPROOF MATERIAL.
- ALL WARNING SIGN LETTERS TO BE AT LEAST 3 INCHES HIGH, CLEARLY LEGIBLE AND SPACED A MINIMUM OF ONE EVERY 40 FT. FOR PROTECTION AREAS LESS THAN 40 FT IN PERIMETER, PROVIDE NO LESS THAN ONE SIGN PER SIDE.
- THE SIZE OF EACH WARNING SIGN MUST BE A MINIMUM OF 2' x 2' AND BE VISIBLE FROM BOTH SIDES OF THE FENCE.
- ATTACH SIGNS SECURELY TO FENCE POSTS AND FABRIC.
- THERE SHALL BE NO STORAGE OF MATERIAL WITHIN THE BOUNDARIES OF THE TREE PROTECTION FENCING.
- TREE PROTECTION FENCING SHALL BE MAINTAINED THROUGHOUT THE DURATION OF THE PROJECT. FENCING MUST REMAIN UPRIGHT AND SLACK FREE.

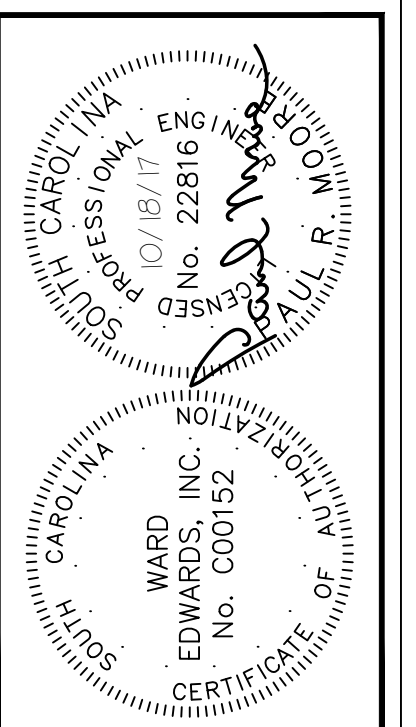
TABLE – RADIUS OF TREE PROTECTION ZONE (TPZ)

JURISDICTION	RADIUS OF CIRCULAR TPZ
BEAUFORT COUNTY DSO 106-1846(b)(2)OR	1 FOOT PER INCH OF TRUNK DBH OR 5 FEET, WHICHEVER IS GREATER
TOWN OF BLUFFTON UDO 5.3.3, C(1)	1.5 FEET PER INCH OF TRUNK DBH
TOWN OF HILTON HEAD LMO 16-6-104, J	FENCING AT DRIP LINE FOR ALL TREES PROPOSED TO BE RETAINED
CITY OF BEAUFORT UDO 7.3, D(3)	0.5 FOOT PER INCH OF TRUNK DBH OR 5 FEET, WHICHEVER IS GREATER
JASPER COUNTY ZONING ORD. ART. 13	FENCING AT DRIP LINE FOR "SIGNIFICANT" AND "LANDMARK" TREES
CITY OF HARDEEVILLE MZDSO 4.8, F	FENCING AT DRIP LINE FOR "PROTECTED TREES", SEE PLANS FOR ALL OTHERS

DBH = TRUNK DIAMETER AT BREAST HEIGHT

TREE PROTECTION FENCE

DETAIL #02915-008



NO.	DESCRIPTION	DATE
7		
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