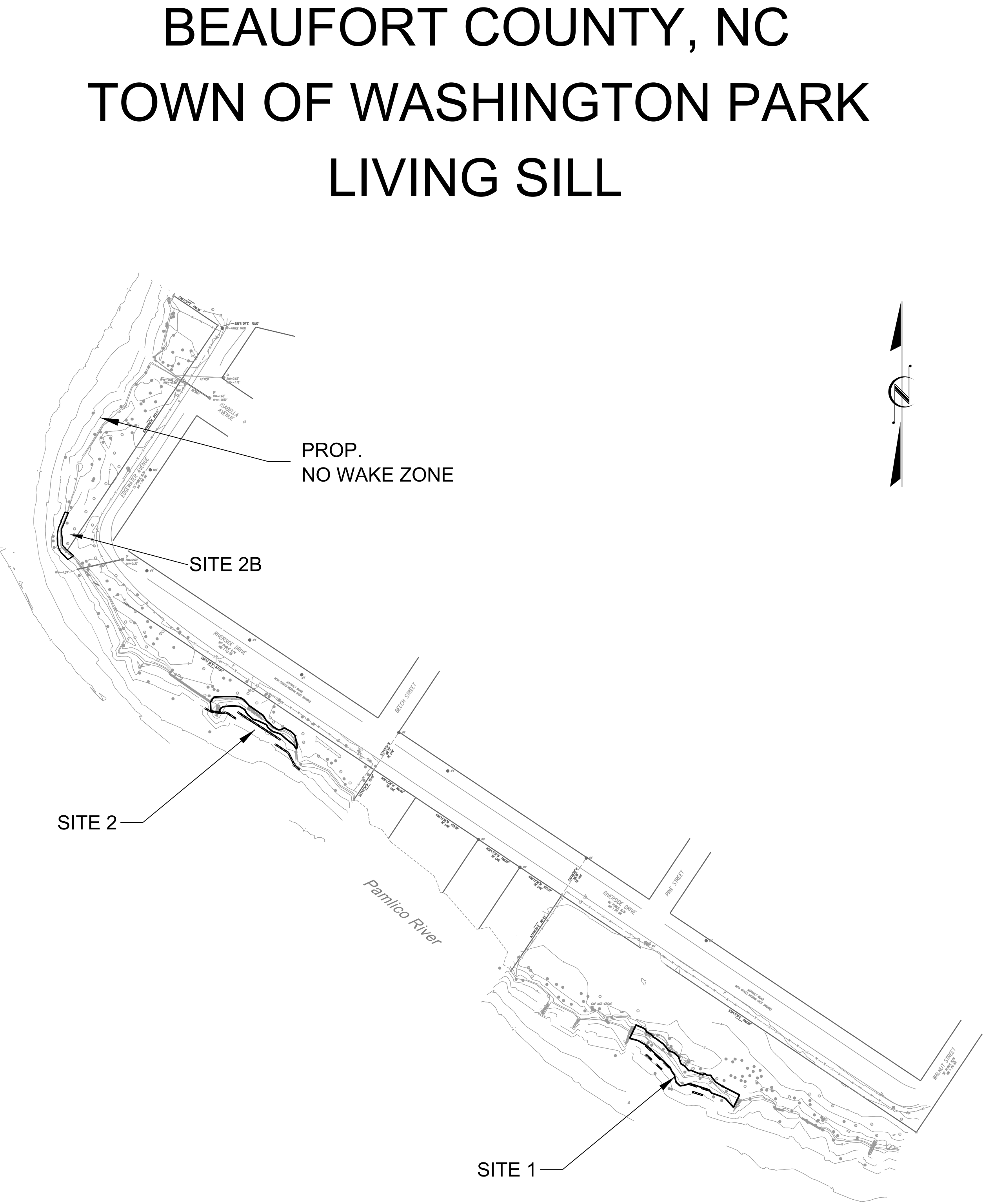
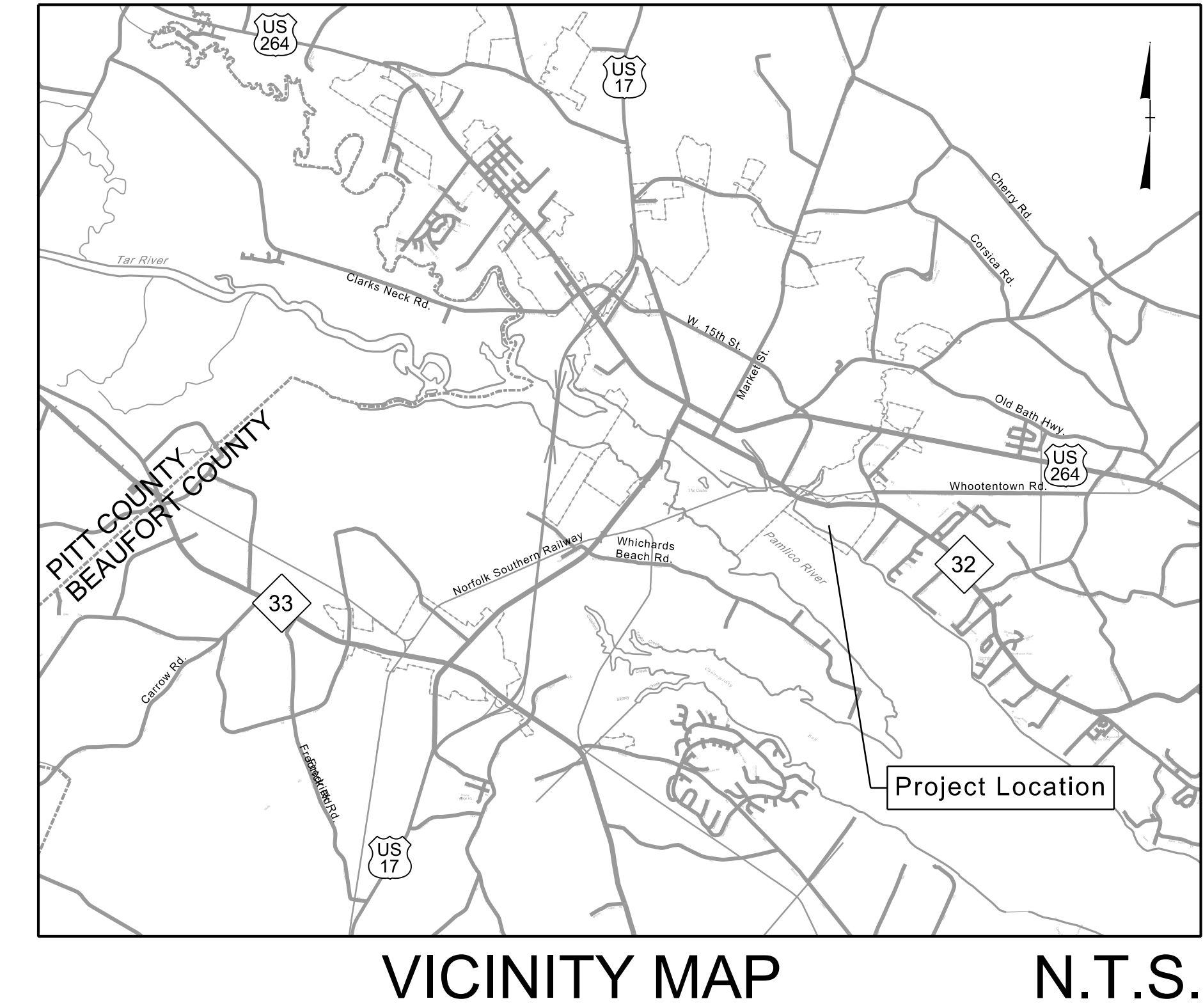


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SHEET NUMBER	SHEET
1	TITLE SHEET
1A	GENERAL NOTES
1B	CONVENTIONAL SYMBOLS
1C-1	OVERALL EXISTING CONDITION SHEETS
ECS-1 THRU ECS-2	EXISTING CONDITIONS SURVEY
2C-1	SUMMARY SHEET
G&EC-1 THRU G&EC-4	GRADING & EROSION CONTROL PLANS & DETAILS
D-1 THRU D-4	SITE PLANS & DETAILS
L-1 THRU L-3	PLANTING PLANS AND DETAILS
X-1 THRU X-2	TYPICAL SECTIONS



PRELIMINARY PLANS
DO NOT USE FOR CONSTRUCTION

PLANS PREPARED BY:

8601 SIX FORKS ROAD, FORUM 1, SUITE 700
RALEIGH, NORTH CAROLINA 27615
(919) 878-9560, NC LICENSE NO. F-0112

PLANS PREPARED FOR:

BEAUFORT COUNTY
North Carolina

BEAUFORT COUNTY, NC
TOWN OF WASHINGTON PARK
MARSH SILL

REVISIONS

DRAWN BY:
GSM

CHECKED BY:
DMK

TITLE SHEET

1

GENERAL NOTES

- 1. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE FOLLOWING STANDARDS: NORTH CAROLINA DEPARTMENT OF TRANSPORTATION "STANDARD SPECIFICATIONS FOR ROADS AND STRUCTURES" DATED JANUARY 2024, AND ANY SUPPLEMENTS THERETO ISSUED PRIOR TO THE RECEIPT OF BIDS.
- 2. ELEVATIONS ARE BASED ON NAVD-88 (NORTH AMERICAN VERTICAL DATUM). BENCHMARKS ARE SHOWN ON SHEET 1C-1.
- 3. SHOULD THE CONTRACTOR DISCOVER DISCREPANCIES BETWEEN THE PLANS AND THE ACTUAL FIELD CONDITIONS ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED IMMEDIATELY TO ARRIVE AT AN ACCEPTABLE SOLUTION.
- 4. SUBMITTALS ON MATERIALS FOR THIS PROJECT SHALL BE APPROVED BY THE ENGINEER PRIOR TO BEGINNING CONSTRUCTION.
- 5. EVERY EFFORT SHALL BE TAKEN TO MINIMIZE DISTURBANCE IN THE PROJECT AREA AND IN GAINING ACCESS TO/FROM THE WORK AREA.
- 6. THE GRADE LINE ELEVATIONS SHOWN DENOTE THE FINISHED ELEVATION OF THE PROPOSED OR FUTURE SURFACING AT GRADE POINTS SHOWN ON THE TYPICAL SECTION. GRADE LINES MAY BE ADJUSTED AT THEIR BEGINNING, ENDING AND AT STRUCTURES AS DIRECTED BY THE ENGINEER IN ORDER TO SECURE A PROPER TIE-IN OR TO CREATE A MORE "NATURAL APPEARANCE".
- 7. SILLS SHALL BE PLACED ONCE FILL HAS BEEN STABILIZED AND TURBIDITY CURTAIN HAS BEEN REMOVED.
- 9. ALL EXCESS MATERIAL MUST BE TRANSPORTED OFF SITE TO AN APPROPRIATE DISPOSAL AREA.
- 10. STOCKPILE AREAS, NOT DEFINED ON EC-1 ALL, SHALL BE APPROVED BY THE ENGINEER.
- 11. LIMIT OF DISTURBANCE DEFINED ON EC-1 REPRESENTS THE OFFSHORE LIMIT. THE CONTRACTOR SHALL PROPOSE A STABILIZED CONSTRUCTION ENTRANCE AND RESTORE ACCESS ROUTE TO PRE-CONSTRUCTION CONDITIONS PRIOR TO CLOSEOUT.
- 12. MARINE SAND SHALL BE PLACED IN AREAS OF FILL, UNLESS OTHERWISE REQUIRED IN THE PLANS. NO AREA SHALL BE CUT.
- 13. UNACCEPTABLE PLANTS AND REPLACEMENT PLANTS REFER TO 1060-10. CONTRACTOR SHALL PROMPTLY REMOVE AND REPLACE PLANTS THAT HAVE BECOME UNACCEPTABLE DURING THE ESTABLISHMENT PHASE AS NEEDED OR AS DIRECTED. SEE SPECIAL PROVISION 4.
- 14. NO HEAVY EQUIPMENT IS PERMITTED BELOW MHHW. IF NECESSARY, CONTRACTOR SHALL ESTABLISH TEMPORARY ACCESS AREAS THAT SHALL BE APPROVED BY THE ENGINEER. TEMPORARY ACCESS AREAS SHALL NOT EXCEED A CUMULATIVE AREA OF 0.10 ACRES. NO TEMPORARY ACCESS SHALL BE APPROVED WITHIN THE EXISTING AREA OF WETLAND OR SAV.
- 15. HEAVY EQUIPMENT AND, IF USED, ANY CONSTRUCTION MATTING SHALL BE POWER-WASHED PRIOR TO ARRIVAL ON SITE TO AVOID AND MINIMIZE THE INTRODUCTION OF INVASIVE SPECIES.

PLANS PREPARED BY :



8601 SIX FORKS ROAD, FORUM 1, SUITE 700
RALEIGH, NORTH CAROLINA 27615
(919) 878-9560, NC LICENSE NO. F-0112

PLANS PREPARED FOR:



BEAUFORT COUNTY, NC
TOWN OF WASHINGTON PARK
MARSH SILL

REVISIONS	
_____	_____
_____	_____
_____	_____
_____	_____
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_____	_____
DRAWN BY: GSM	CHECKED BY: DMK

GENERAL
NOTES

PRELIMINARY PLANS
DO NOT USE FOR CONSTRUCTION

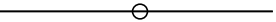
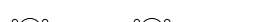
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10/3/2025
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Note: Not to Scale

STATE OF NORTH CAROLINA, DIVISION OF HIGHWAYS
CONVENTIONAL PLAN SHEET SYMBOLS

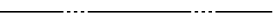
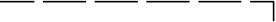
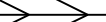
BOUNDARIES AND PROPERTY:

State Line	
County Line	
Township Line	
City Line	
Reservation Line	
Property Line	
Existing Iron Pin (EIP)	
Computed Property Corner	
Existing Concrete Monument (ECM)	
Parcel / Sequence Number	
Existing Fence Line	
Proposed Woven Wire Fence	
Proposed Chain Link Fence	
Proposed Barbed Wire Fence	
Existing Wetland Boundary	
Proposed Wetland Boundary	
Existing Endangered Animal Boundary	
Existing Endangered Plant Boundary	
Existing Historic Property Boundary	
Known Contamination Area: Soil	
Potential Contamination Area: Soil	
Known Contamination Area: Water	
Potential Contamination Area: Water	
Contaminated Site: Known or Potential	

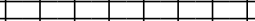
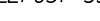
BUILDINGS AND OTHER CULTURE:

Gas Pump Vent or U/G Tank Cap	
Sign	
Well	
Small Mine	
Foundation	
Area Outline	
Cemetery	
Building	
School	
Church	
Dam	

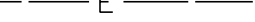
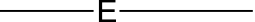
HYDROLOGY:

Stream or Body of Water	
Hydro, Pool or Reservoir	
Jurisdictional Stream	
Buffer Zone 1	
Buffer Zone 2	
Flow Arrow	
Disappearing Stream	
Spring	
Wetland	
Proposed Lateral, Tail, Head Ditch	
False Sump	

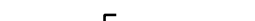
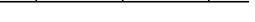
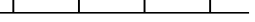
RAILROADS:

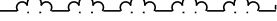
Standard Gauge	
RR Signal Milepost	
Switch	
RR Abandoned	
RR Dismantled	

RIGHT OF WAY & PROJECT CONTROL:

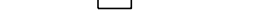
Primary Horiz Control Point	
Primary Horiz and Vert Control Point	
Secondary Horiz and Vert Control Point	
Vertical Benchmark	
Existing Right of Way Monument	
Proposed Right of Way Monument (Rebar and Cap)	
Proposed Right of Way Monument (Concrete)	
Existing Permanent Easement Monument	
Proposed Permanent Easement Monument (Rebar and Cap)	
Existing C/A Monument	
Proposed C/A Monument (Rebar and Cap)	
Proposed C/A Monument (Concrete)	
Existing Right of Way Line	
Proposed Right of Way Line	
Existing Control of Access Line	
Proposed Control of Access Line	
Proposed ROW and CA Line	
Existing Easement Line	
Proposed Temporary Construction Easement	
Proposed Temporary Drainage Easement	
Proposed Permanent Drainage Easement	
Proposed Permanent Drainage/Utility Easement	
Proposed Permanent Utility Easement	
Proposed Temporary Utility Easement	
Proposed Aerial Utility Easement	

ROADS AND RELATED FEATURES:

Existing Edge of Pavement	
Existing Curb	
Proposed Slope Stakes Cut	
Proposed Slope Stakes Fill	
Proposed Curb Ramp	
Existing Metal Guardrail	
Proposed Guardrail	
Existing Cable Guiderail	
Proposed Cable Guiderail	
Equality Symbol	
Pavement Removal	
VEGETATION:	
Single Tree	
Single Shrub	
Hedge	

Woods Line	
Orchard	
Vineyard	

EXISTING STRUCTURES:

MAJOR:	
Bridge, Tunnel or Box Culvert	
Bridge Wing Wall, Head Wall and End Wall	
MINOR:	
Head and End Wall	
Pipe Culvert	
Footbridge	
Drainage Box: Catch Basin, DI or JB	
Paved Ditch Gutter	
Storm Sewer Manhole	
Storm Sewer	

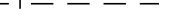
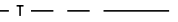
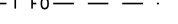
UTILITIES:

* SUE - Subsurface Utility Engineering
LOS - Level of Service - A,B,C or D (Accuracy)

POWER:

Existing Power Pole	
Proposed Power Pole	
Existing Joint Use Pole	
Proposed Joint Use Pole	
Power Manhole	
Power Line Tower	
Power Transformer	
U/G Power Cable Hand Hole	
H-Frame Pole	
U/G Power Line Test Hole (SUE - LOS A)*	
U/G Power Line (SUE - LOS B)*	
U/G Power Line (SUE - LOS C)*	
U/G Power Line (SUE - LOS D)*	

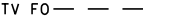
TELEPHONE:

Existing Telephone Pole	
Proposed Telephone Pole	
Telephone Manhole	
Telephone Pedestal	
Telephone Cell Tower	
U/G Telephone Cable Hand Hole	
U/G Telephone Test Hole (SUE - LOS A)*	
U/G Telephone Cable (SUE - LOS B)*	
U/G Telephone Cable (SUE - LOS C)*	
U/G Telephone Cable (SUE - LOS D)*	
U/G Telephone Conduit (SUE - LOS B)*	
U/G Telephone Conduit (SUE - LOS C)*	
U/G Telephone Conduit (SUE - LOS D)*	
U/G Fiber Optics Cable (SUE - LOS B)*	
U/G Fiber Optics Cable (SUE - LOS C)*	
U/G Fiber Optics Cable (SUE - LOS D)*	

WATER:

Water Manhole	
Water Meter	
Water Valve	
Water Hydrant	
U/G Water Line Test Hole (SUE - LOS A)*	
U/G Water Line (SUE - LOS B)*	
U/G Water Line (SUE - LOS C)*	
U/G Water Line (SUE - LOS D)*	
Above Ground Water Line	

TV:

TV Pedestal	
TV Tower	
U/G TV Cable Hand Hole	
U/G TV Test Hole (SUE - LOS A)*	
U/G TV Cable (SUE - LOS B)*	
U/G TV Cable (SUE - LOS C)*	
U/G TV Cable (SUE - LOS D)*	
U/G Fiber Optic Cable (SUE - LOS B)*	
U/G Fiber Optic Cable (SUE - LOS C)*	
U/G Fiber Optic Cable (SUE - LOS D)*	

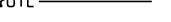
GAS:

Gas Valve	
Gas Meter	
U/G Gas Line Test Hole (SUE - LOS A)*	
U/G Gas Line (SUE - LOS B)*	
U/G Gas Line (SUE - LOS C)*	
U/G Gas Line (SUE - LOS D)*	
Above Ground Gas Line	

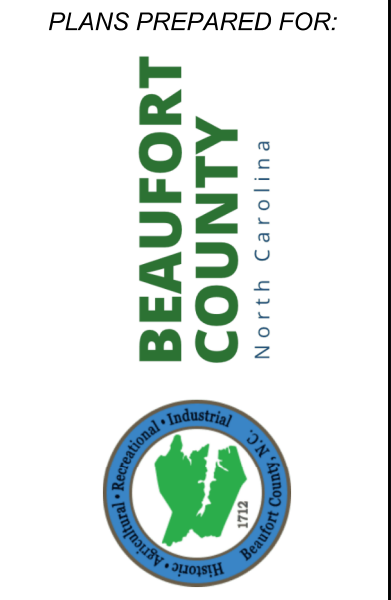
SANITARY SEWER:

Sanitary Sewer Manhole	
Sanitary Sewer Cleanout	
U/G Sanitary Sewer Line	
Above Ground Sanitary Sewer	
SS Force Main Line Test Hole (SUE - LOS A)*	
SS Force Main Line (SUE - LOS B)*	
SS Force Main Line (SUE - LOS C)*	
SS Force Main Line (SUE - LOS D)*	

MISCELLANEOUS:

Utility Pole	
Utility Pole with Base	
Utility Located Object	
Utility Traffic Signal Box	
Utility Unknown U/G Line (SUE - LOS B)*	
U/G Tank; Water, Gas, Oil	
Underground Storage Tank, Approx. Loc.	
A/G Tank; Water, Gas, Oil	
Geoenvironmental Boring	
Abandoned According to Utility Records	
End of Information	

PLANS PREPARED BY: 
8601 SIX FORKS ROAD, FORUM 1, SUITE 700
RALEIGH, NORTH CAROLINA 27615
(919) 878-9560, NC LICENSE NO. F-0112

PLANS PREPARED FOR: 
BEAUFORT COUNTY
North Carolina

BEAUFORT COUNTY, NC
TOWN OF WASHINGTON PARK
MARSH SILL

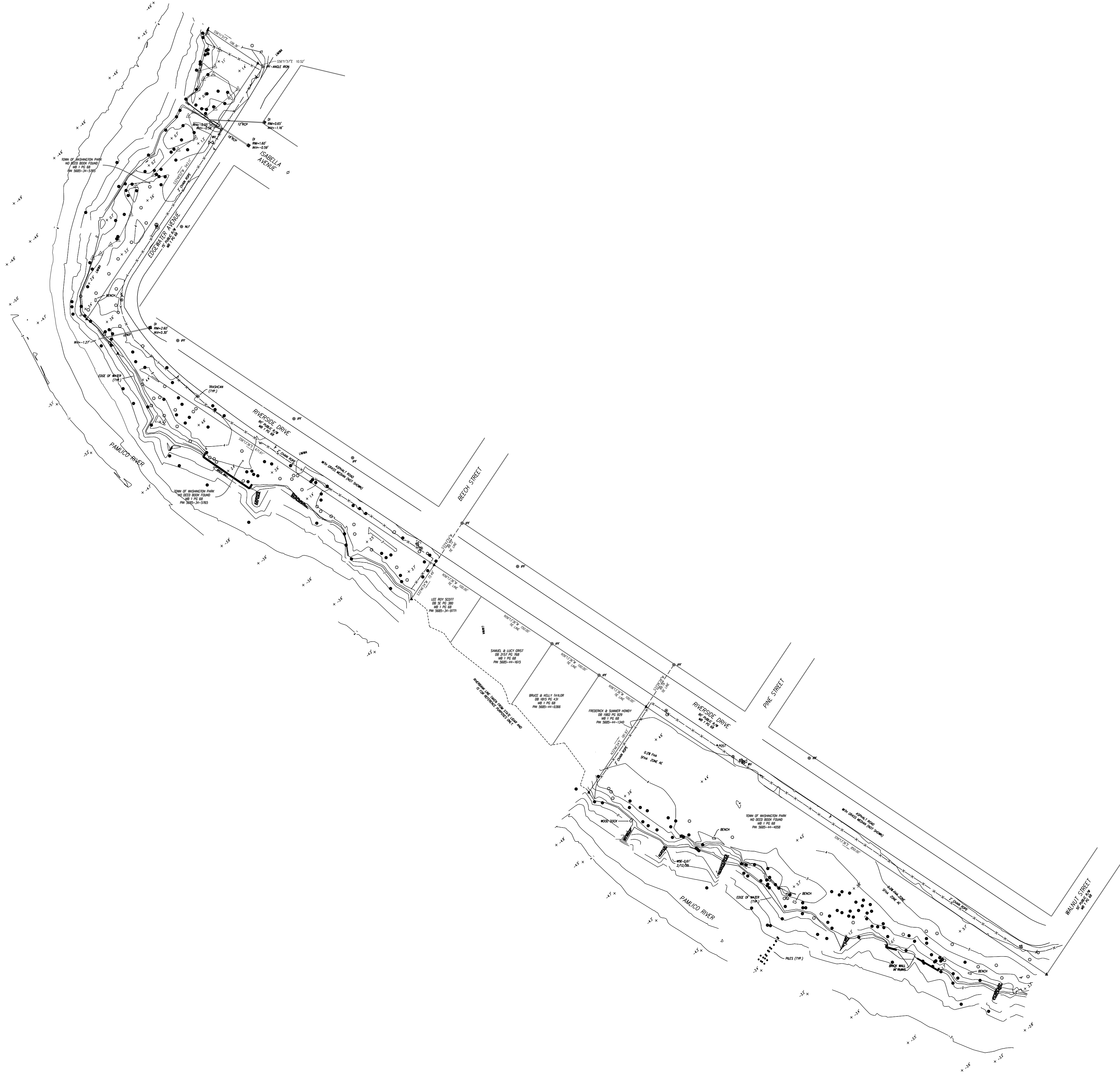
REVISIONS

DRAWN BY: GSM
CHECKED BY: DMK

CONVENTIONAL SYMBOLS

1B

10/3/2025
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BEAUFORT COUNTY, NC
TOWN OF WASHINGTON PARK
MARSH SILL

REVISIONS	

DRAWN BY: GSM	CHECKED BY: DMK
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OVERALL
EXISTING
CONDITIONS

1C

PLANS PREPARED BY:



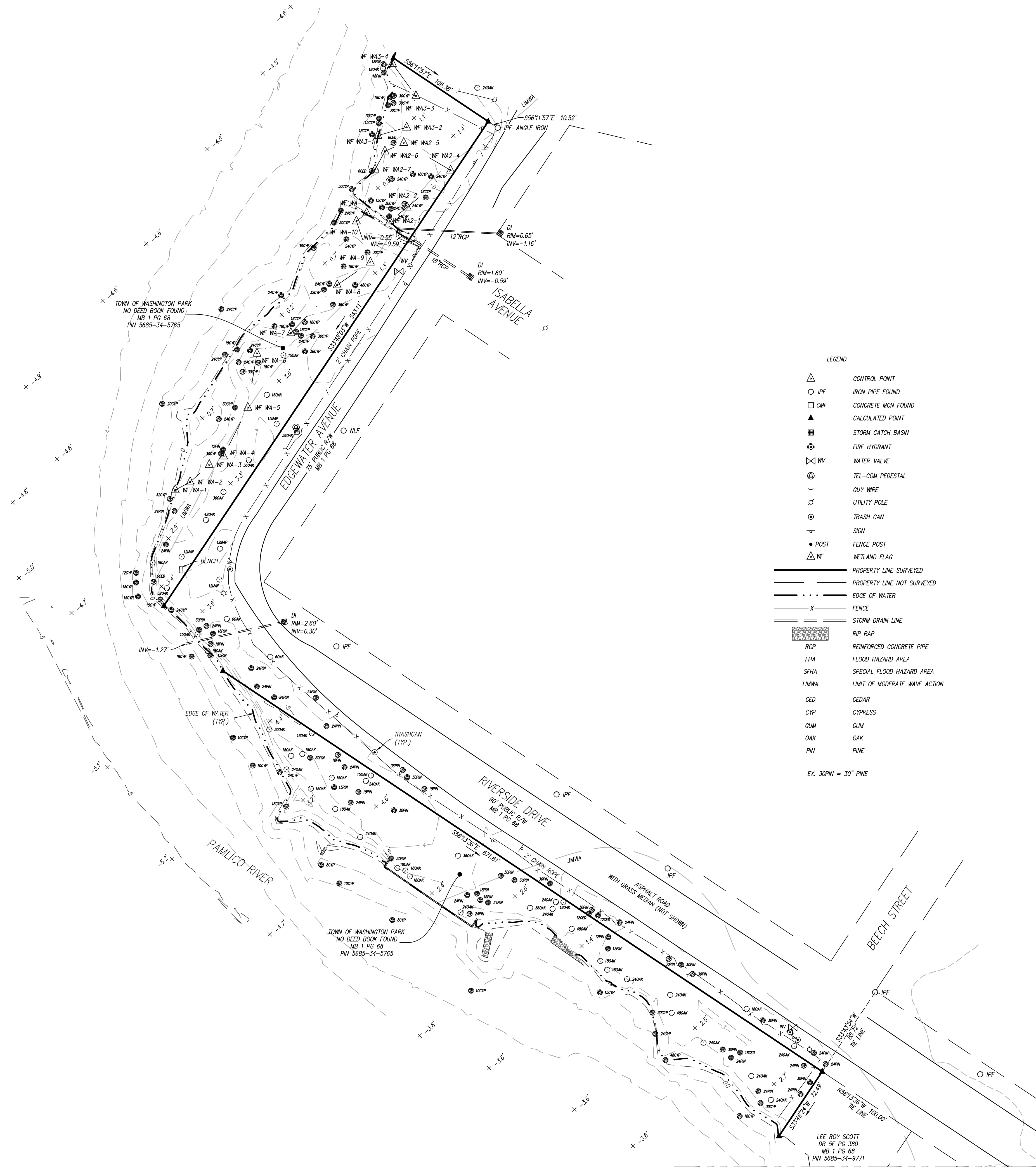
8601 SIX FORKS ROAD, FORUM 1, SUITE 700
RALEIGH, NORTH CAROLINA 27615
(919) 878-9560, NC LICENSE NO. F-0112

PLANS PREPARED FOR:



BEAUFORT
COUNTY
North Carolina

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- LEGEND
- △ CONTROL POINT
 - IPF IRON PIPE FOUND
 - CMF CONCRETE MON FOUND
 - ▲ CALCULATED POINT
 - STORM CATCH BASIN
 - ⊙ FIRE HYDRANT
 - ⊗ WV WATER VALVE
 - ⊕ TEL-COM PEDESTAL
 - ⋈ GUY WIRE
 - ⊙ UTILITY POLE
 - ⊙ TRASH CAN
 - ⋈ SIGN
 - POST
 - △ WF FENCE POST
 - △ WF WETLAND FLAG
 - PROPERTY LINE SURVEYED
 - PROPERTY LINE NOT SURVEYED
 - - - - - EDGE OF WATER
 - - - - - FENCE
 - == STORM DRAIN LINE
 - ▨ RIP RAP
 - RCF REINFORCED CONCRETE PIPE
 - FHA FLOOD HAZARD AREA
 - SFHA SPECIAL FLOOD HAZARD AREA
 - LIMWA LIMIT OF MODERATE WAVE ACTION
 - CED CEDAR
 - CYP CYPRESS
 - GUM GUM
 - OAK OAK
 - PIN PINE
- EX. 30PIN = 30° PINE

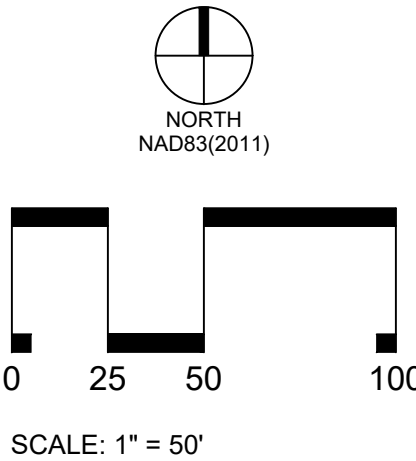
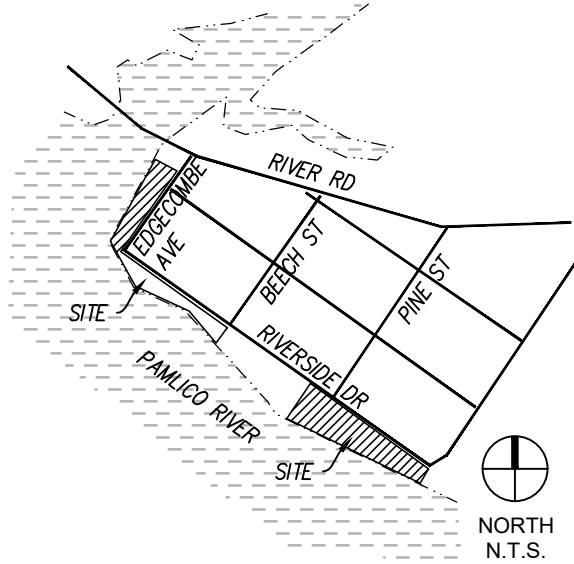
GENERAL NOTES

- THIS SURVEY MAP IS INTENDED TO REPRESENT THE EXISTING CONDITIONS/TOPOGRAPHY AND TREE SURVEY ON THE PROPERTIES OF TOWN OF WASHINGTON PARK, PINS 5685-34-5765 & 5685-44-4058, AND IS NOT A BOUNDARY SURVEY. THIS SURVEY WAS PERFORMED WITHOUT THE BENEFIT OF A TITLE REPORT AND THEREFORE ALL ENCUMBRANCES UPON THE PROPERTY MAY NOT BE SHOWN.
- THE PROPERTY LINES SHOWN HEREON HAVE BEEN CONFIRMED FROM A PARTIAL SURVEY BY STEWART ENGINEERING. PROPERTY LINES SHOWN TAKEN FROM BOOK OF MAPS 1, PAGE 68, RECOVERED MONUMENTATION AND OTHER REFERENCES LISTED HEREON.
- HORIZONTAL DATUM IS NAD 83 (2011) AND VERTICAL DATUM IS NAVD88. BASED ON GPS METHODS USING REAL-TIME KINEMATIC SOLUTIONS FOR THE SURVEY CONTROL POINTS SHOWN HEREON AND TIED TO NORTH CAROLINA GEODETIC SURVEY MONUMENT "GROVE" N 654,120.69', E 2,584,306.07', EL. 4.56'.
- THE INITIAL STATE PLANE POSITIONS FOR THIS SURVEY WERE SCALED FROM GRID TO GROUND FROM A PROJECT LOCATION OF N:654,340.82' E:2,584,293.06', AN ELEVATION OF 5.50', USING A COMBINED FACTOR OF 0.99989000.
- THIS DRAWING DOES NOT CONFORM TO N.C. GS47-30 AND THEREFORE IS NOT FOR RECORDATION.
- ALL DISTANCES ARE IN U.S. SURVEY FEET. AREA COMPUTED BY COORDINATE METHOD.
- UTILITIES SHOWN HEREON ARE BASED ON ABOVE-GROUND VISIBLE EVIDENCE ONLY. CONTRACTOR SHALL FIELD VERIFY THE LOCATION OF ALL UTILITIES BEFORE COMMENCING CONSTRUCTION.
- THE SUBJECT PROPERTY LIES IN ZONES X (AREA DETERMINED TO BE OUTSIDE THE 0.2% ANNUAL CHANCE AND FUTURE CONDITIONS 1% ANNUAL CHANCE FLOODPLAIN) AND ZONE AE (AREA DETERMINED TO BE INSIDE THE 1% ANNUAL CHANCE FLOOD, BASE FLOOD ELEVATIONS DETERMINED) BASED ON THE FLOOD INSURANCE RATE MAP NUMBER 370285685K DATED 6/19/20. FLOOD HAZARD LINES SHOWN HEREON ARE FOR REFERENCE ONLY, DOWNLOADED FROM FRIS.NC.GOV.
- ZONE AE BASE FLOOD ELEVATION = 6'. ALL SUBJECT PROPERTY ADJACENT TO EDGEWATER DR LIES WITHIN THE AE ZONE. PORTIONS OF PROPERTY ALONG RIVERSIDE DR LIE WITHIN THE 0.2% FHA.
- UNDERWATER ELEVATIONS WERE OBTAINED USING BATHYMETRIC ECHOSOUNDING EQUIPMENT. ELEVATIONS WERE CHECKED USING CONVENTIONAL GPS SURVEY TECHNIQUES.
- SITE ADDRESS: 0 RIVERSIDE DR.

I, C. RYAN DAVENPORT, CERTIFY THAT THIS PROJECT WAS COMPLETED UNDER MY DIRECT AND RESPONSIBLE CHARGE FROM AN ACTUAL SURVEY MADE UNDER MY SUPERVISION; THAT THIS GROUND SURVEY WAS PERFORMED AT THE 95 PERCENT CONFIDENCE LEVEL TO MEET FEDERAL GEOGRAPHIC DATA COMMITTEE STANDARDS; THAT THIS SURVEY WAS PERFORMED TO MEET THE REQUIREMENTS FOR A TOPOGRAPHIC/PLANIMETRIC SURVEY TO THE ACCURACY OF CLASS A AND VERTICAL ACCURACY WHEN APPLICABLE TO THE CLASS B STANDARD, AND THAT THE ORIGINAL DATA WAS OBTAINED ON 2/10/25; THAT THE SURVEY WAS COMPLETED ON 2/26/25; THAT CONTOURS SHOWN AS (CONTINUOUS LINES) MAY NOT MEET THE STATED STANDARD; AND ALL COORDINATES ARE BASED ON NAD83(2011) AND ALL ELEVATIONS ARE BASED ON NAVD 88.

Signed by: C. Ryan Davenport 3/26/2025
BAS00243030041B
C. RYAN DAVENPORT, PLS., L-4707

Vicinity Map:



EXISTING CONDITIONS
SURVEY FOR:
**WASHINGTON
PARK**

TOWN OF WASHINGTON PARK
BEAUFORT COUNTY, NORTH CAROLINA
DATE: 3/20/25 SCALE: 1"=50'
CONTOUR INTERVAL = 1 FOOT
PREPARED FOR: RK&K

Revisions:

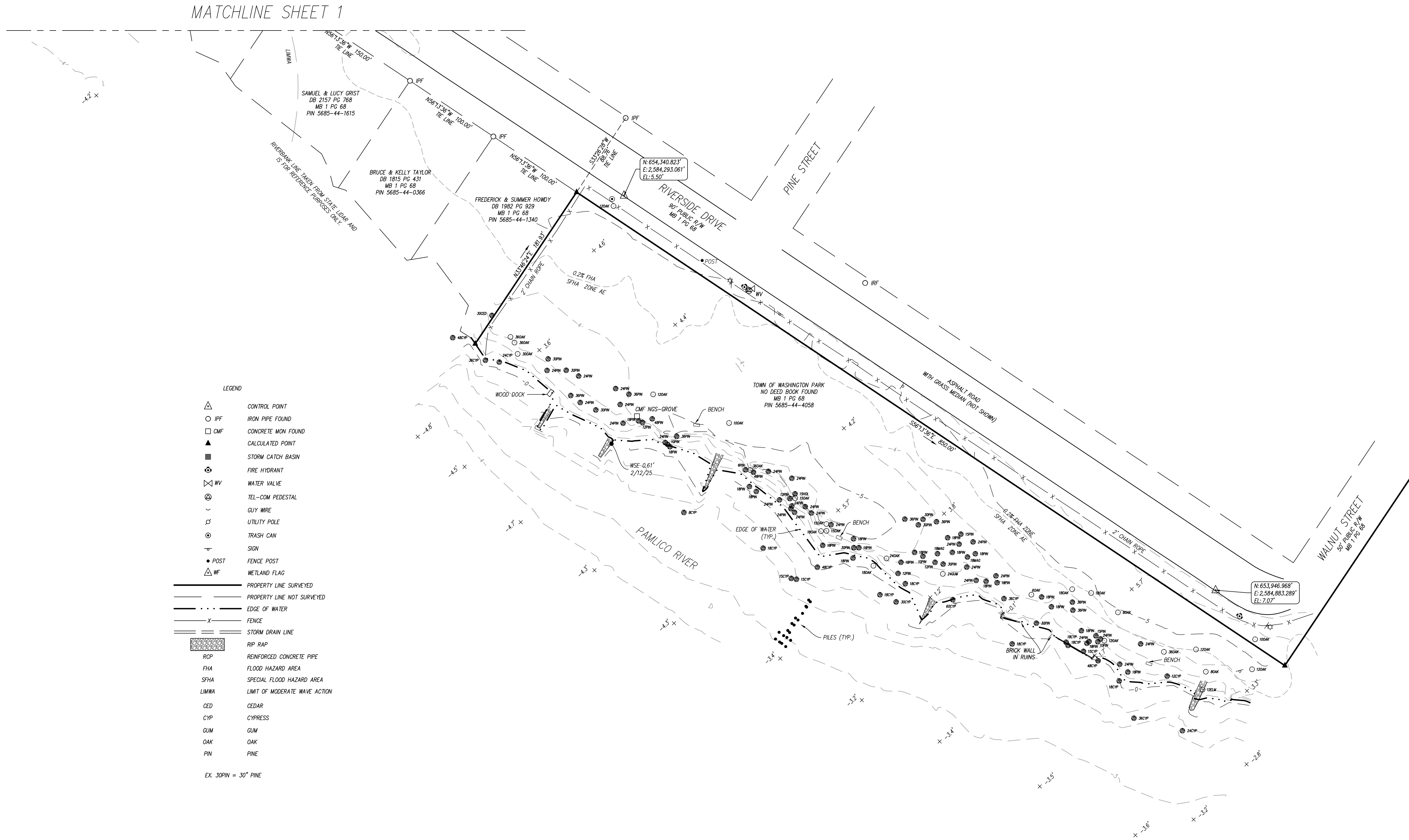
No.	Date	Description

Seal:



Project #: G24176 Sheet:
Date: 3/20/25
Drawn by: CRD
Checked by: CRD

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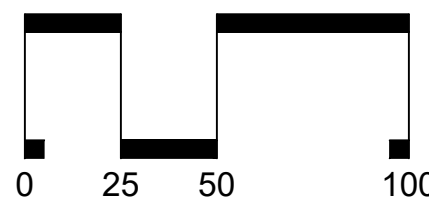
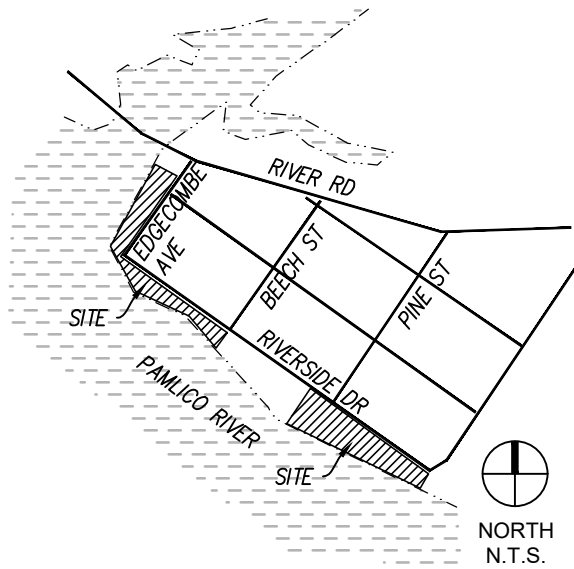


STEWART

5410 OLD POOLE RD
RALEIGH, NC 27610
T 919.380.8750

FIRM LICENSE # F-1536
www.stewartinc.com
PROJECT # G24176

Vicinity Map:



SCALE: 1" = 50'

Title:

EXISTING CONDITIONS
SURVEY FOR:

WASHINGTON
PARK

TOWN OF WASHINGTON PARK
BEAUFORT COUNTY, NORTH CAROLINA
DATE: 3/20/25 SCALE: 1"=50'
CONTOUR INTERVAL = 1 FOOT
PREPARED FOR: RK&K

Revisions:

No.	Date	Description

Seal:



3/26/2025

Project #: G24176 Sheet:
Date: 3/20/25
Drawn by: CRD
Checked by: CRD

2 of 2

SUMMARY
OF
QUANTITIES
SHEET

BEAUFORT COUNTY, NC
TOWN OF WASHINGTON PARK
MARSH SILL



PLANS PREPARED FOR:

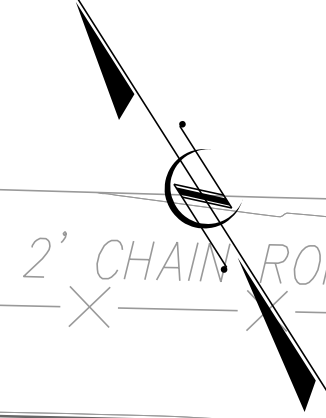
PLANS PREPARED BY :
RK&K
8601 SIX FORKS ROAD, FORUM 1, SUITE 700
RALEIGH, NORTH CAROLINA 27615
(919) 878-9660, NC LICENSE NO. F-0112

REVISIONS

DRAWN BY: GSM	CHECKED BY: DMK
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SUMMARY
OF
QUANTITIES

ASPHALT ROAD
WITH GRASS MEDIAN (NOT SHOWN)



~~0.2% FHA ZONE~~
SFHA ZONE AE

PROP. 12" COIR FIBER LOG
SHALL NOT EXCEED SAV BOUNDARY
(SEE DETAIL 3 ON SHEET G&EC-4)

TURBIDITY CURTAIN
(SEE DETAIL 1 ON SHEET G&EC-4)

SUB-AQUATIC VEGETATION

PAMUNCO RIVER

PILES (TYP.)

SITE 1

PRELIMINARY PLANS
DO NOT USE FOR CONSTRUCTION

PLANS PREPARED BY:

RK&K

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(919) 878-9580, NC LICENSE NO. F-0112

PLANS PREPARED FOR:

BEAUFORT COUNTY
North Carolina



BEAUFORT COUNTY, NC
TOWN OF WASHINGTON PARK
MARSH SILL

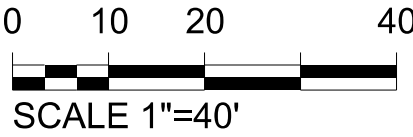
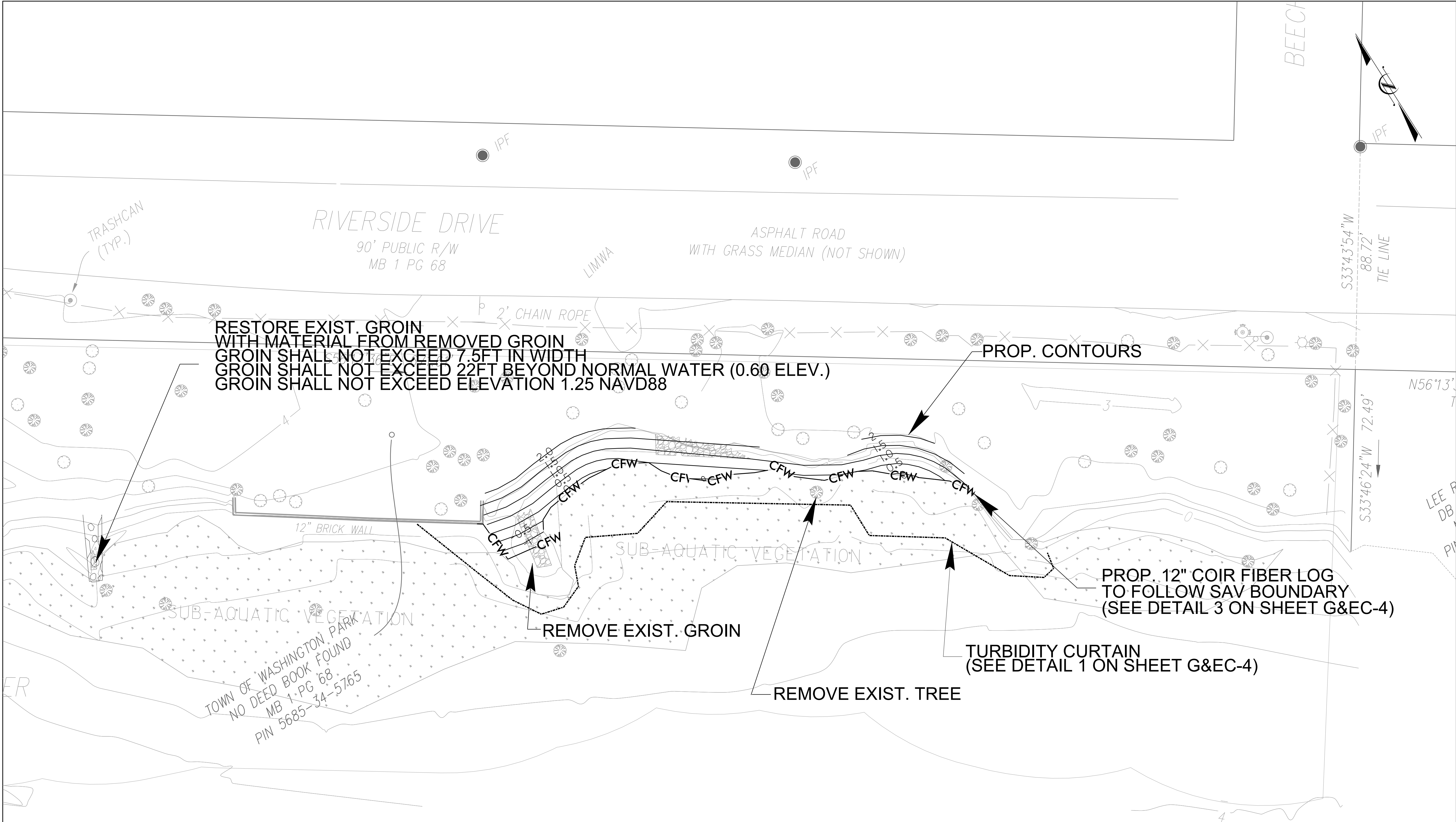
REVISIONS

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GRADING & EROSION CONTROL PLAN

G&EC-1

0 10 20 40
SCALE 1"=20'



SITE 2

PRELIMINARY PLANS
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PLANS PREPARED FOR:

BEAUFORT COUNTY
North Carolina



BEAUFORT COUNTY, NC
TOWN OF WASHINGTON PARK
MARSH SILL

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GRADING &
EROSION
CONTROL
PLAN

G&EC-2

EROSION CONTROL NOTES

- 1. ERECTION OF SEDIMENTATION AND EROSION CONTROL MEASURES SHALL BE IN ACCORDANCE WITH STATE EROSION CONTROL REGULATIONS.
- 2. THE CONTRACTOR SHALL INSTALL AND MAINTAIN THROUGHOUT THE PROJECT CONSTRUCTION ALL EROSION CONTROL MEASURES SHOWN WITHIN THESE PLANS AND IN ACCORDANCE WITH APPLICABLE NCDEQ EROSION AND SEDIMENT CONTROL REGULATIONS. THE CONTRACTOR MAY ADJUST LOCATION OF MEASURES AS NECESSARY PROVIDED CHANGES HAVE BEEN APPROVED BY THE ENGINEER.
- 3. ALL CONTROL MEASURES SHALL BE CHECKED, AND REPAIRED AS NECESSARY, MONTHLY IN DRY PERIODS, AND WITHIN 24 HOURS AFTER RAINFALL AT THE SITE OF 0.75 INCHES OR GREATER WITHIN A 24 HOUR PERIOD. THE PERMITTEE SHALL MAINTAIN WRITTEN RECORDS OF SUCH CHECKS AND REPAIRS ON SITE AT ALL TIMES.
- 4. A TURBIDITY CURTAIN SHOULD BE LOCATED BETWEEN THE PROJECT WORK AREA AND WATERWAY.
- 5. ALL DISTURBED AREAS THAT ARE NOT OTHERWISE STABILIZED SHALL BE TEMPORARILY OR PERMANENTLY SEEDED IN ACCORDANCE WITH THE NORTH CAROLINA SEDIMENT CONTROL REGULATIONS. PERMANENT SEEDING AND VEGETATION ESTABLISHMENT IS REQUIRED PRIOR TO PROJECT COMPLETION AND ACCEPTANCE.
- 6. CONSTRUCTION ENTRANCES INSTALLED AT ACCESS LOCATIONS SHALL BE MAINTAINED AS REQUIRED TO PREVENT SILT/SEDIMENT FROM LEAVING THE SITE. THIS INCLUDES, BUT IS NOT LIMITED TO, WASH DOWN OF THE CONSTRUCTION ENTRANCE, INSTALLING AND UTILIZING A VEHICLE WASH DOWN AREA, INSTALLING ADDITIONAL STONE, ETC.
- 7. DURING CONSTRUCTION OF THE PROJECT, SOIL STOCKPILES SHALL BE STABILIZED OR PROTECTED WITH SEDIMENT TRAPPING MEASURES. THE CONTRACTOR IS RESPONSIBLE FOR TEMPORARY PROTECTION AND PERMANENT STABILIZATION OF ALL SOIL STOCKPILES ON SITE AS WELL AS SOIL INTENTIONALLY TRANSPORTED FROM THE PROJECT SITE.
- 8. THE CONTRACTOR IS RESPONSIBLE FOR KEEPING MUD AND DEBRIS OFF CITY/STATE STREETS AND ROW. CLEANUP IS REQUIRED DAILY.
- 9. ALL TEMPORARY MEASURES SHALL BE REMOVED ONCE ACCEPTABLE PERMANENT STABILIZATION IS ACHIEVED. THE ENGINEER SHALL DETERMINE IF THE PERMANENT STABILIZATION IS ACCEPTABLE.

LEGEND

- CFW—— COIR FIBER LOG
- TURBIDITY CURTAIN

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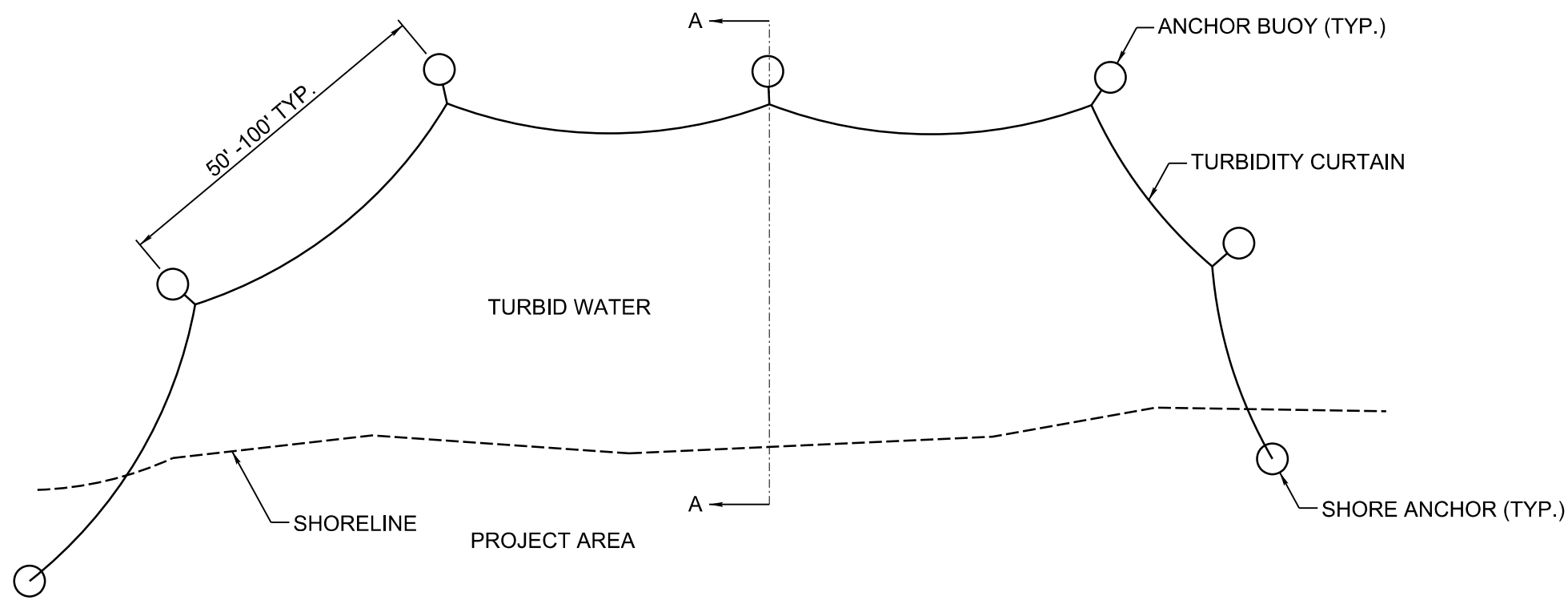
BEAUFORT COUNTY, NC
TOWN OF WASHINGTON PARK
MARSH SILL

REVISIONS

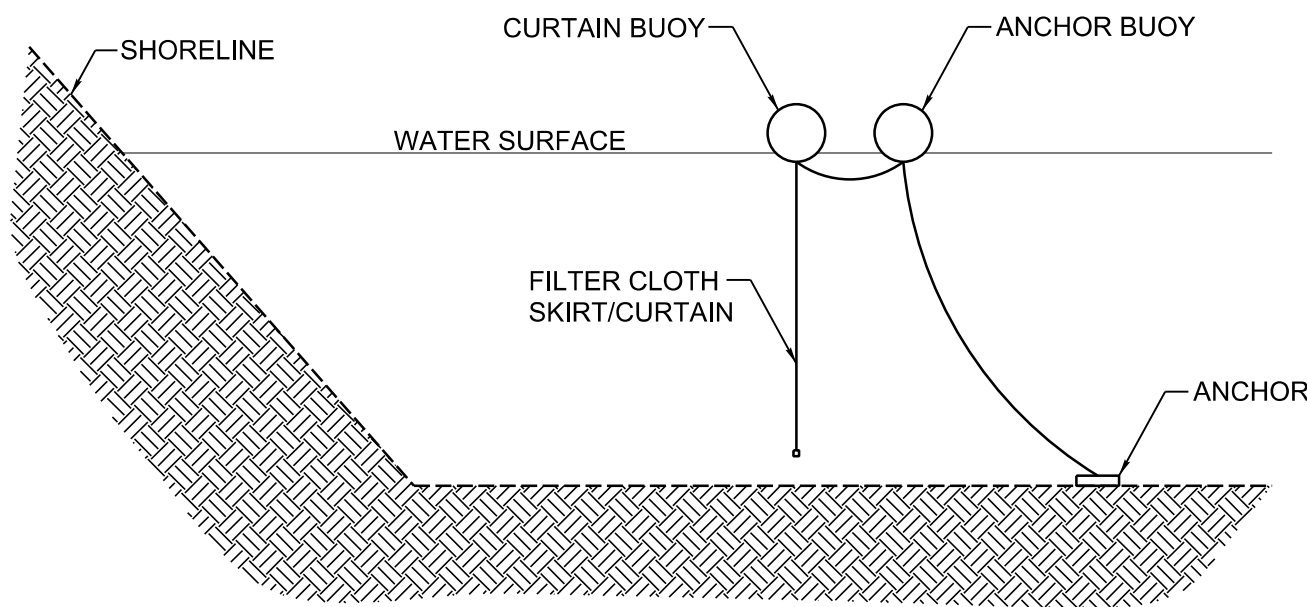
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GSM	DMK

EROSION
CONTROL
NOTES

G&EC-3



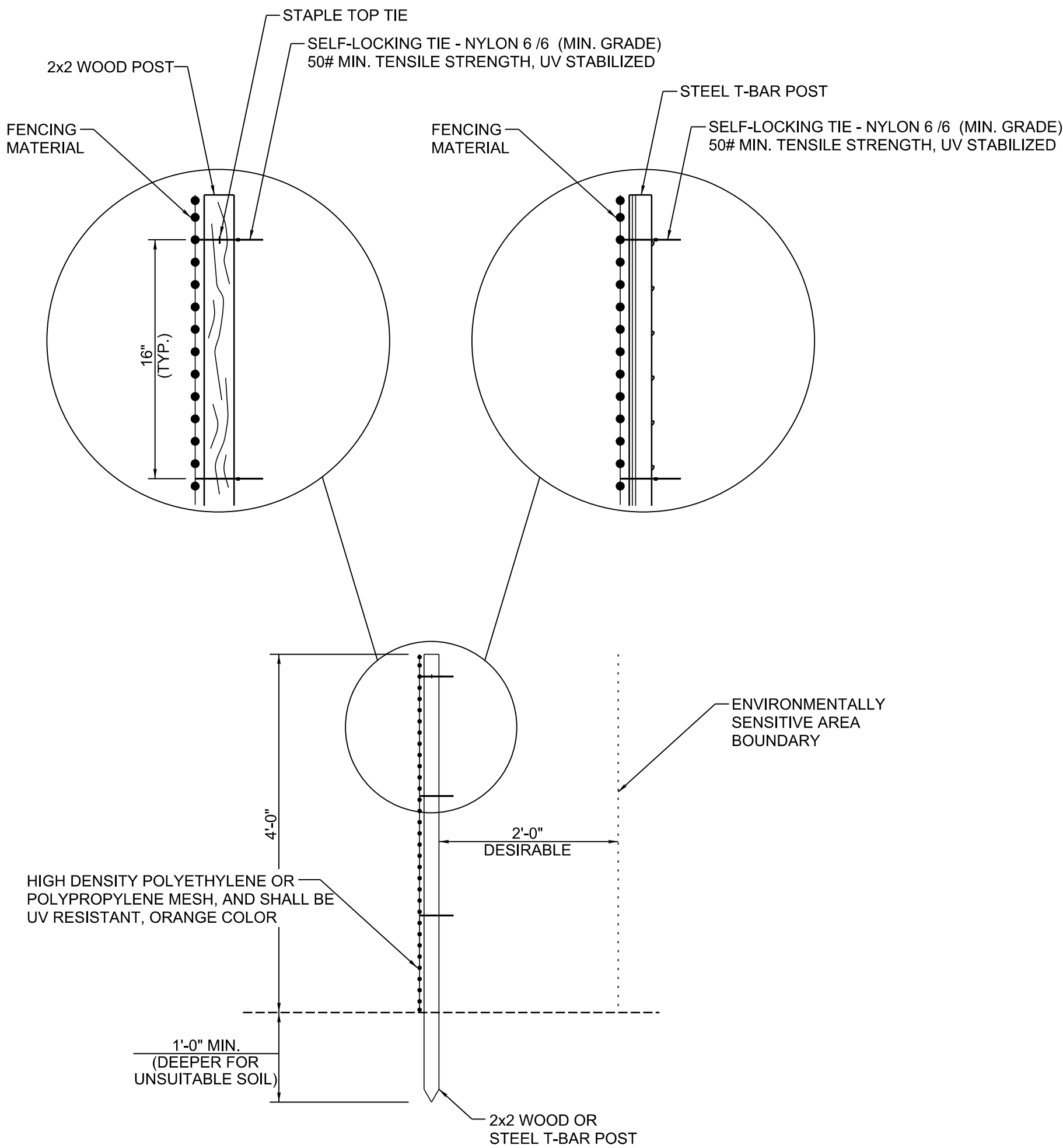
PLAN VIEW



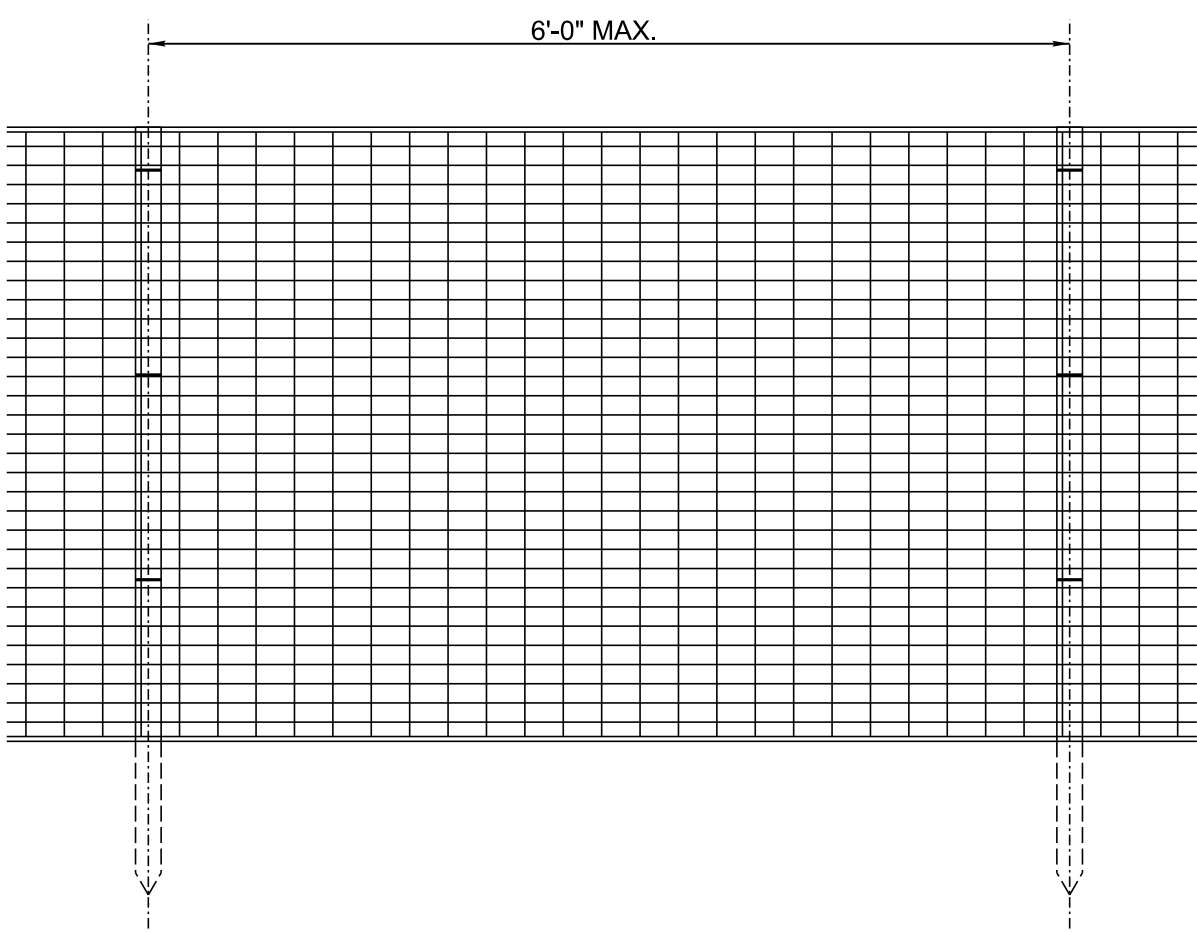
SECTION A-A

- NOTES:
1. THE TURBIDITY CURTAIN SHALL BE ANCHORED TO PREVENT DRIFT SHOREWARD. ANCHORS SHALL BE OF SUFFICIENT SIZE AND SPACING TO STABILIZE BARRIER PER MANUFACTURER'S RECOMMENDATIONS FOR WATER VELOCITIES.
 2. CURTAIN SHALL BE BRIGHT IN COLOR AND MADE OF A NON-DETERIORATING MATERIAL (PLASTIC OR NYLON) WHICH WILL ALLOW WATER TO PASS WHILE RETAINING SEDIMENT.
 3. THE TURBIDITY CURTAIN AND ADJACENT WORK AREA SHALL NOT BE DISTURBED FOR 12 HOURS PRIOR TO REMOVAL. CONTRACTOR SHALL REMOVE CURTAIN AT COMPLETION OF WORK. DURING REMOVAL, EXTREME CARE SHOULD BE TAKEN TO PREVENT SILTATION AND AVOID ANY SEDIMENT DEPOSITS.
 4. WHEN INSTALLED IN A NAVIGABLE WATERWAY, BUOYS SHOULD BE LIT ACCORDING TO REGULATORY AGENCY STANDARDS.
 5. THE MAXIMUM DEPTH OF THE CURTAIN SHALL BE 12 FEET IN WAVE ACTION SETTINGS.

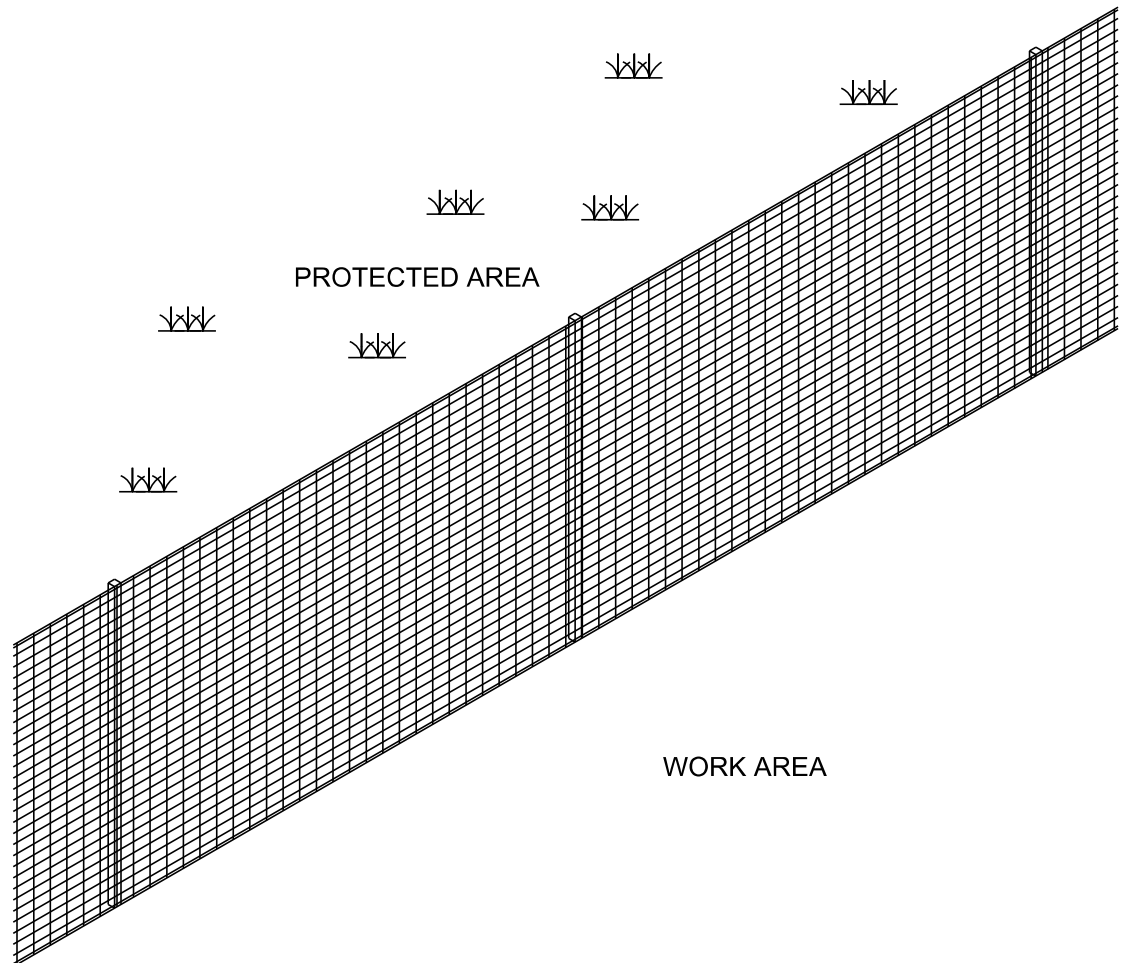
1 **TURBIDITY CURTAIN**
NOT TO SCALE



TYPICAL SECTION



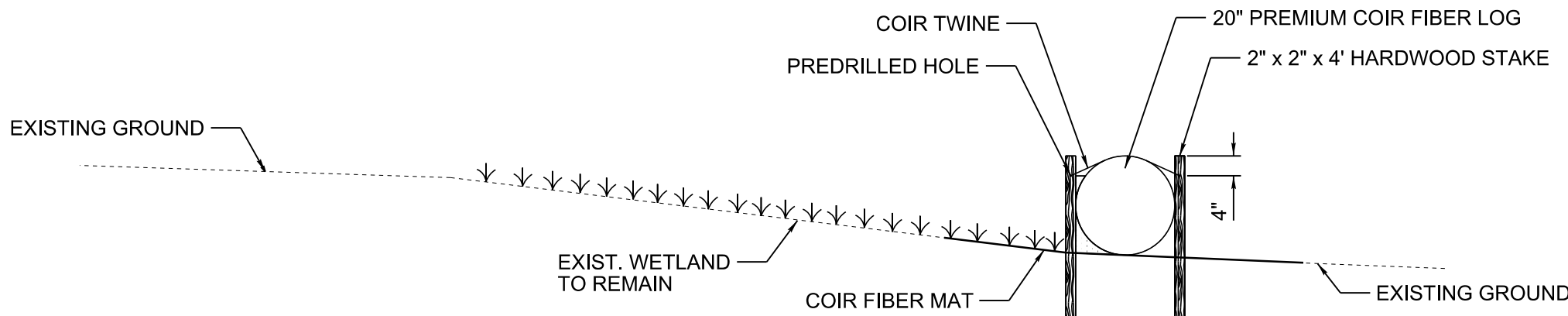
ELEVATION



ISOMETRIC

- NOTES:
1. TREE PROTECTION FENCE IS INTENDED TO BE PLACED TO MARK APPROVED STAGING / STOCKPILING LIMITS DURING CONSTRUCTION.
 2. FENCE POSTS SHALL HAVE SUFFICIENT STRENGTH AND DURABILITY TO SUPPORT THE FENCE THROUGH THE LIFE OF THE PROJECT.

2 **TREE/WETLAND PROTECTION FENCE**
NOT TO SCALE



SECTION VIEW

- COIR FIBER LOG INSTALLATION STEPS:
1. MARK OUT WITH FLAGS WHERE LOGS ARE GOING TO SIT AT THE RIGHT ELEVATION.
 2. INSTALL THE COIR FIBER MAT:
 - A. CARRY MAT TO ONE END OF THE TREATMENT SITE AND UNWRAP PLASTIC.
 - B. POSITION MAT SO THAT IT CAN BE PUSHED AND ROLLED OUT FLAT.
 - C. ROLL OUT THE MAT AT THE ELEVATION WHERE THE LOGS WILL SIT.
 3. CARRY LOGS AND POSITION IN CUSP SHAPE ON TOP OF MAT. POSITION THE LOGS END TO END WITH THE ENDS SLIGHTLY OVERLAPPING. TIE LOG ENDS TIGHTLY TOGETHER WITH COIR TWINE.
 4. LAY OUT 12, 4' PRE-DRILLED STAKES PER LOG, 6 ON EACH SIDE OF EACH LOG PARALLEL FROM EACH OTHER. PUT A FLAT SIDE OF THE STAKE TIGHTLY AGAINST THE LOG AND PUSH THE STAKE THROUGH THE MAT UNDER THE LOG AND INTO THE SOIL.
 5. HAMMER IN STAKES TIGHTLY AGAINST LOGS (6 ON EACH SIDE OF LOG) UNTIL PRE-DRILLED HOLES ARE FLUSH WITH TOP OF LOGS.
 6. CUT TWINE INTO 5-FOOT LENGTHS AND USE ONE PIECE FOR EVERY PAIR OF STAKES ACROSS FROM EACH OTHER ON THE LOGS. LOOP THE TWINE THROUGH THE HOLE OF ONE OF THE STAKES. ON THE FIRST STAKE, TIE A BOWLINE OR SIMILARLY SECURE KNOT AROUND THE STAKE. THEN THREAD THE TWINE THROUGH THE OUTER MESH AT THE TOP OF THE LOG, PULL THE TWINE TIGHT, THREAD IT THROUGH THE SECOND STAKE AND TIE A FEW HALF HITCHES TO SECURE IT. THEN HAMMER THE STAKE DOWN UNTIL THE TWINE IS SNUG AGAINST THE LOG.

3 **COIR FIBER LOG**
NOT TO SCALE

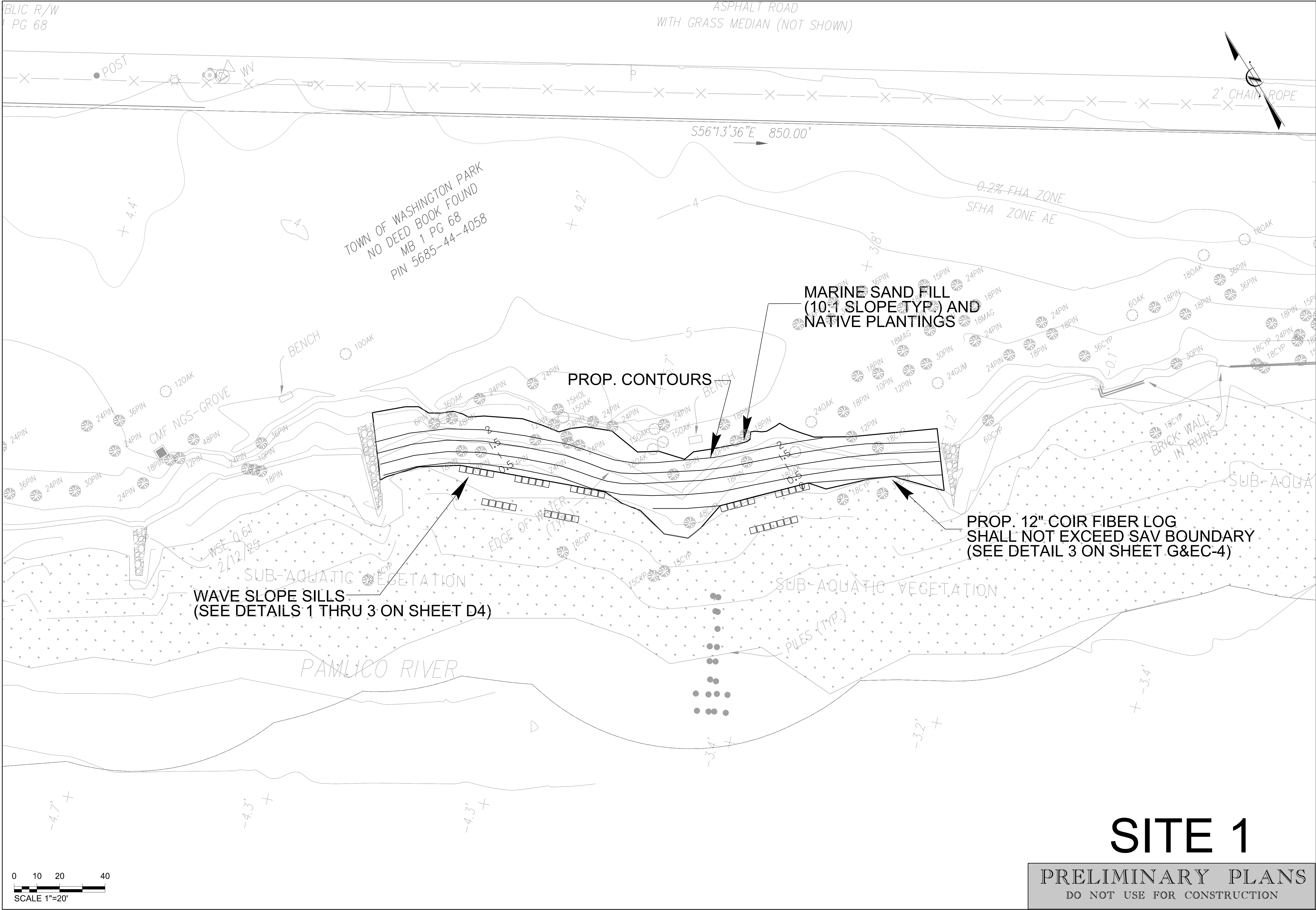
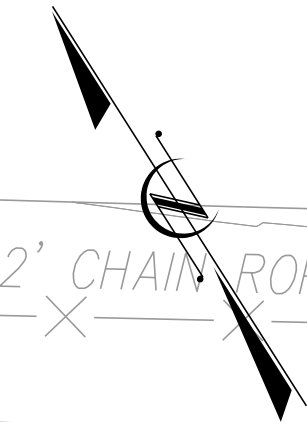
REVISIONS

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CHECKED BY: DMK

EROSION
CONTROL
DETAILS

PUBLIC R/W
PG 68

ASPHALT ROAD
WITH GRASS MEDIAN (NOT SHOWN)



TOWN OF WASHINGTON PARK
NO DEED BOOK FOUND
MB 1 PG 68
PIN 5685-44-4058

MARINE SAND FILL
(10:1 SLOPE TYP) AND
NATIVE PLANTINGS

PROP. CONTOURS

PROP. 12" COIR FIBER LOG
SHALL NOT EXCEED SAV BOUNDARY
(SEE DETAIL 3 ON SHEET G&EC-4)

WAVE SLOPE SILLS
(SEE DETAILS 1 THRU 3 ON SHEET D4)

PRELIMINARY PLANS
DO NOT USE FOR CONSTRUCTION

PLANS PREPARED BY:
ARK&K
8601 SIX FORKS ROAD, FORUM 1, SUITE 700
RALEIGH, NORTH CAROLINA 27615
(919) 878-9660, NC LICENSE NO. F-0112

PLANS PREPARED FOR:
BEAUFORT COUNTY
North Carolina

BEAUFORT COUNTY, NC
TOWN OF WASHINGTON PARK
MARSH SILL

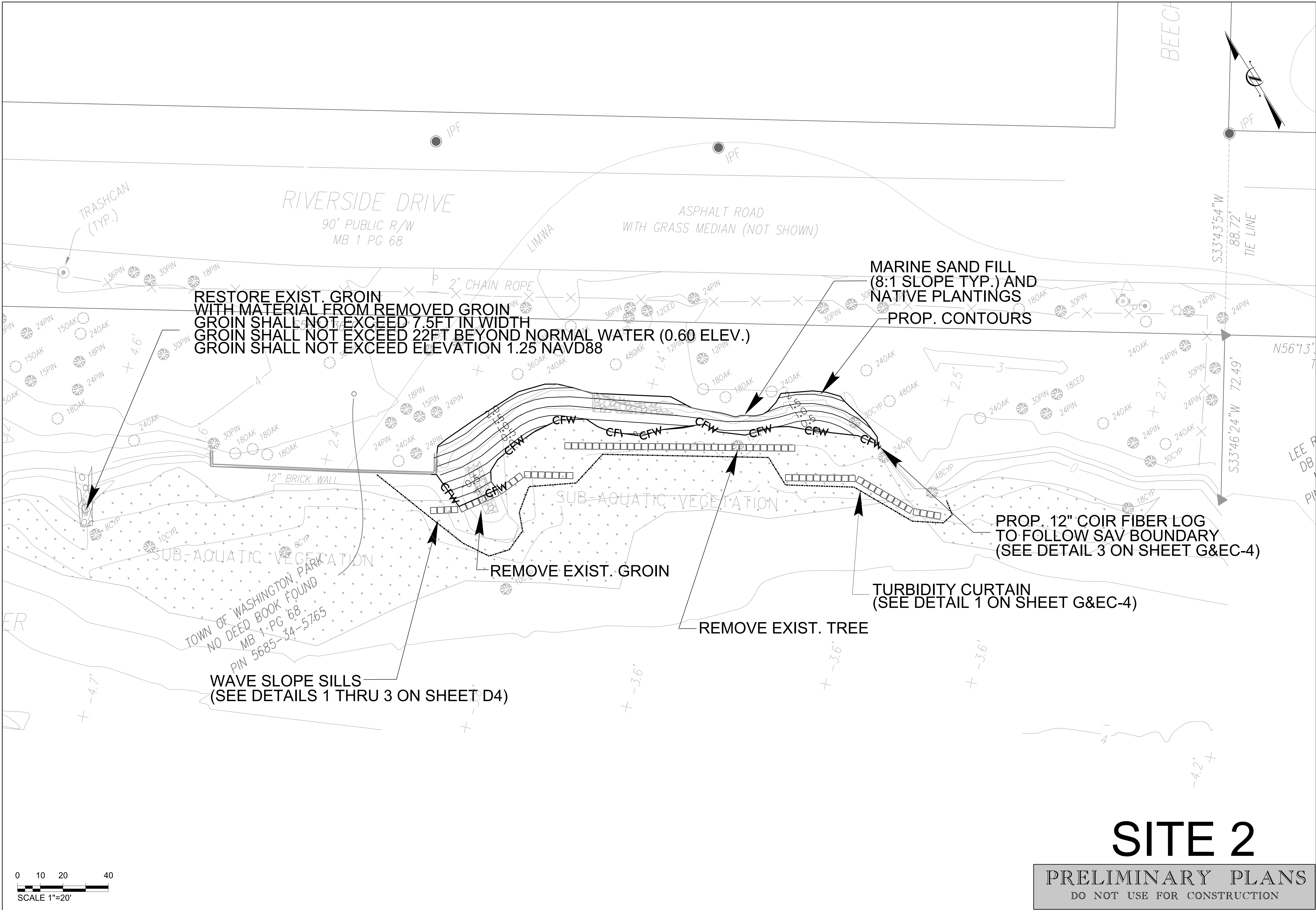
REVISIONS	

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SITE
PLAN

D-1





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TOWN OF WASHINGTON PARK

MARSH SILL

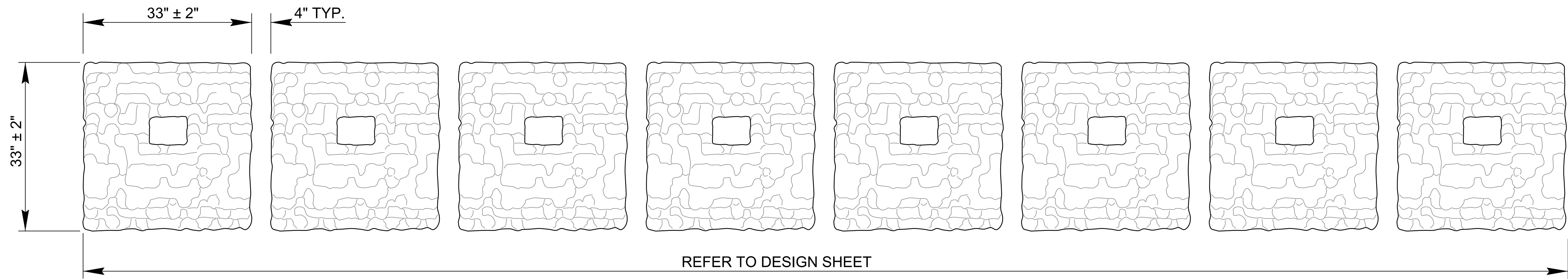
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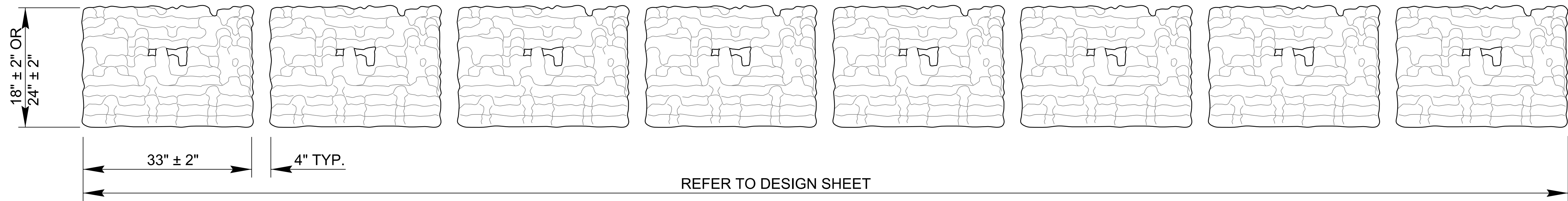
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DMK

SITE PLAN

D-2

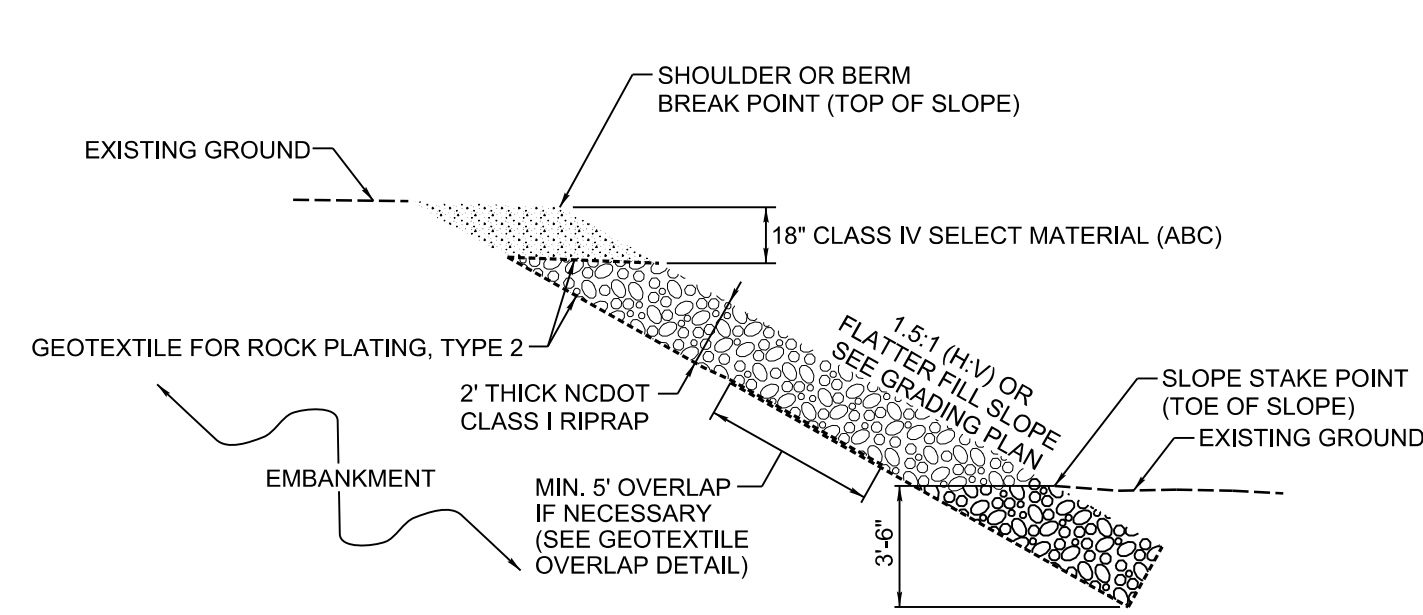


① PLAN VIEW

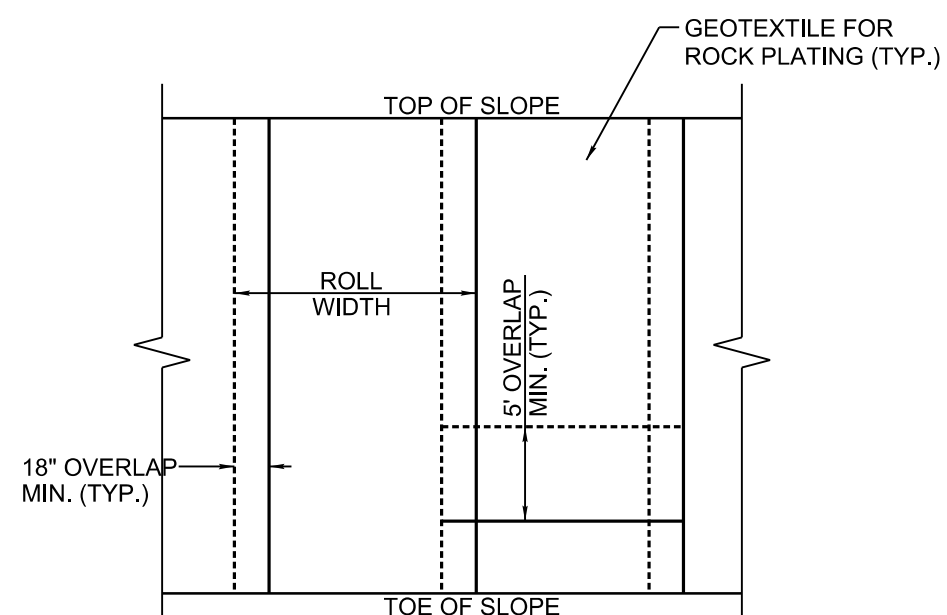


② PROFILE VIEW

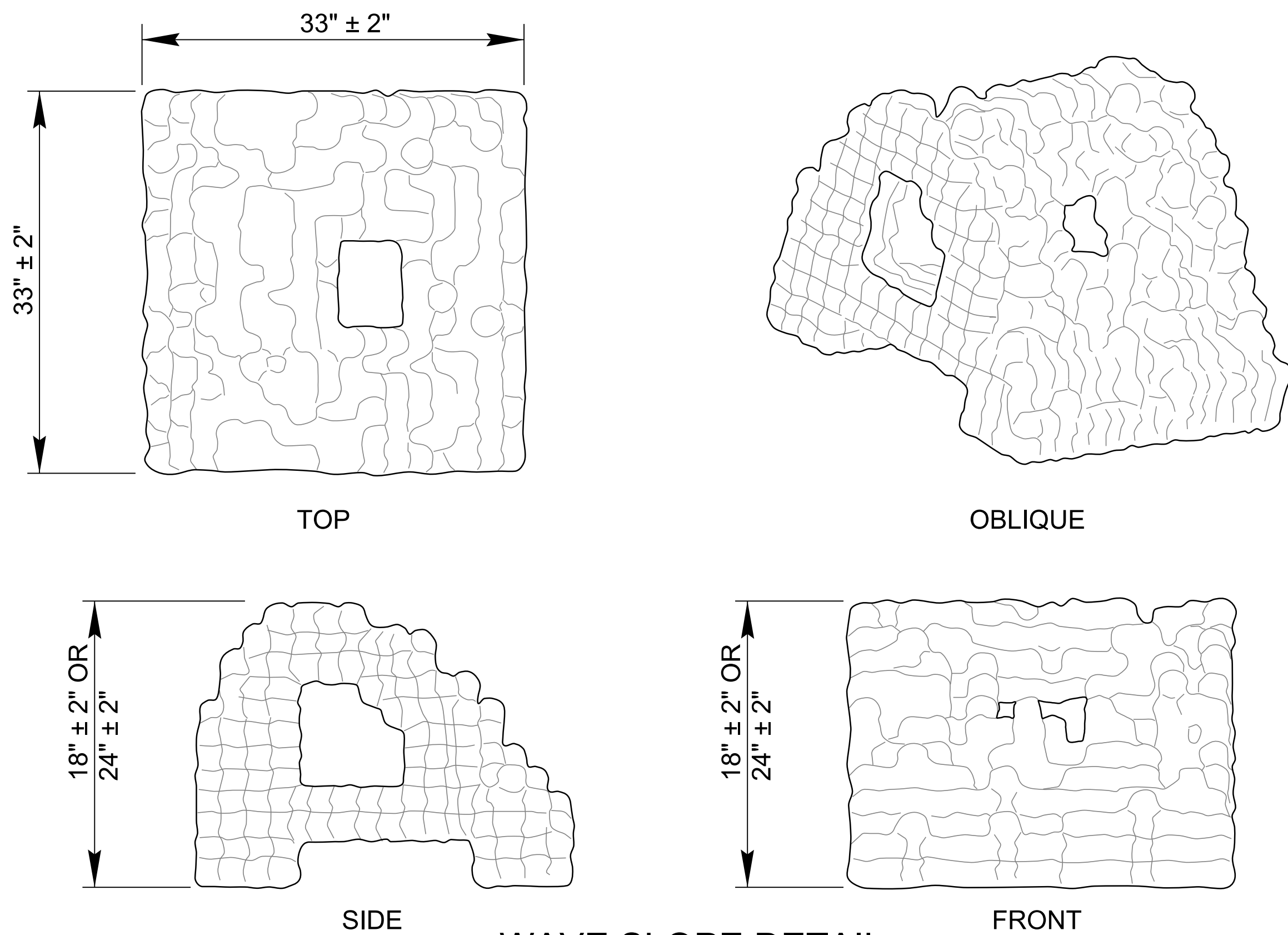
- NOTES:
1. NATRX WAVE SLOPES OR EQUIVALENT ARE TO BE PLACED 4 INCHES APART AT LOCATION SPECIFIED WITHIN THE DESIGN AND ACCORDING TO SPECIAL PROVISION.
 2. REFER TO SILL DESIGN SHEET FOR SILL LENGTH.
 3. NO DREDGE OF FILL SHALL OCCUR DURING INSTALLATION OF WAVE SLOPES.
 4. 18" OR 24" (SHORT WAVE SLOPE) DESIGN SHALL BE INSTALLED PER DESIGN.



④ REVETMENT
NOT TO SCALE



⑤ GEOTEXTILE OVERLAP DETAIL
(PLAN VIEW)
NOT TO SCALE



③ WAVE SLOPE DETAIL

REVISIONS	

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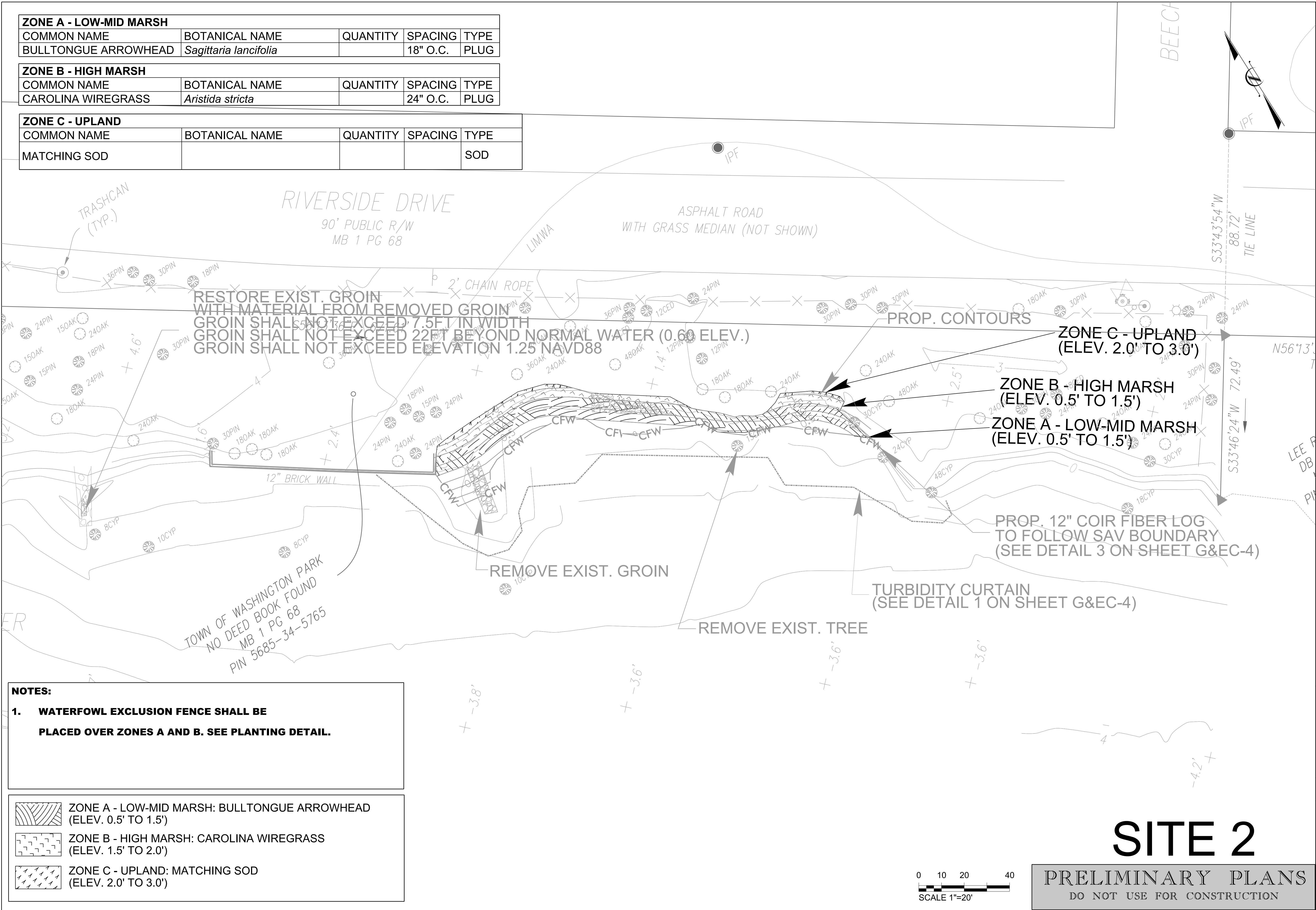
DETAIL
SHEET

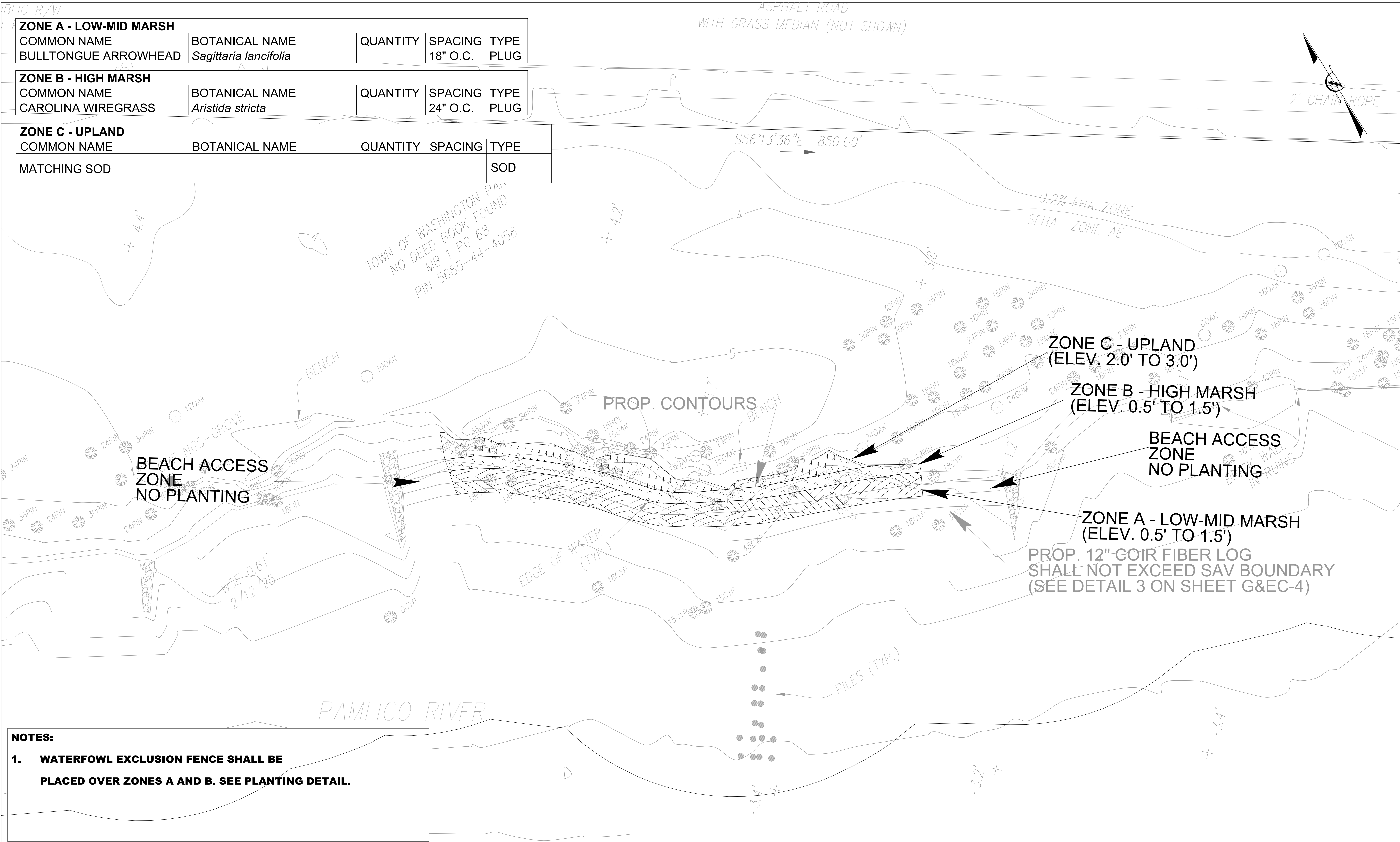
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ZONE A - LOW-MID MARSH				
COMMON NAME	BOTANICAL NAME	QUANTITY	SPACING	TYPE
BULLTONGUE ARROWHEAD	<i>Sagittaria lancifolia</i>		18" O.C.	PLUG

ZONE B - HIGH MARSH				
COMMON NAME	BOTANICAL NAME	QUANTITY	SPACING	TYPE
CAROLINA WIREGRASS	<i>Aristida stricta</i>		24" O.C.	PLUG

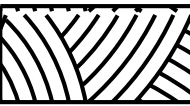
ZONE C - UPLAND				
COMMON NAME	BOTANICAL NAME	QUANTITY	SPACING	TYPE
MATCHING SOD				SOD



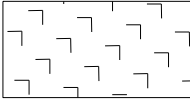


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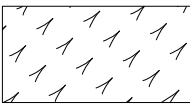
1. WATERFOWL EXCLUSION FENCE SHALL BE PLACED OVER ZONES A AND B. SEE PLANTING DETAIL.



ZONE A - LOW-MID MARSH: BULLTONGUE ARROWHEAD
(ELEV. 0.5' TO 1.5')

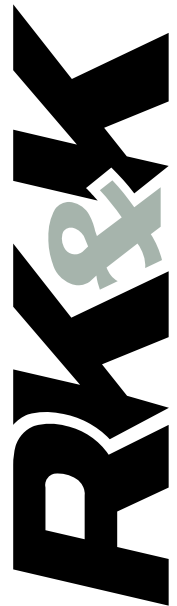


ZONE B - HIGH MARSH: CAROLINA WIREGRASS
(ELEV. 1.5' TO 2.0')



ZONE C - HIGH MARSH: MATCHING SOD
(ELEV. 2.0' TO 3.0')

PLANS PREPARED BY:



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RALEIGH, NORTH CAROLINA 27615
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PLANS PREPARED FOR:



BEAUFORT COUNTY
North Carolina



BEAUFORT COUNTY, NC
TOWN OF WASHINGTON PARK
MARSH SILL

REVISIONS

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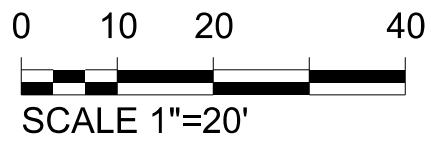
PLANTING
PLAN

L-1

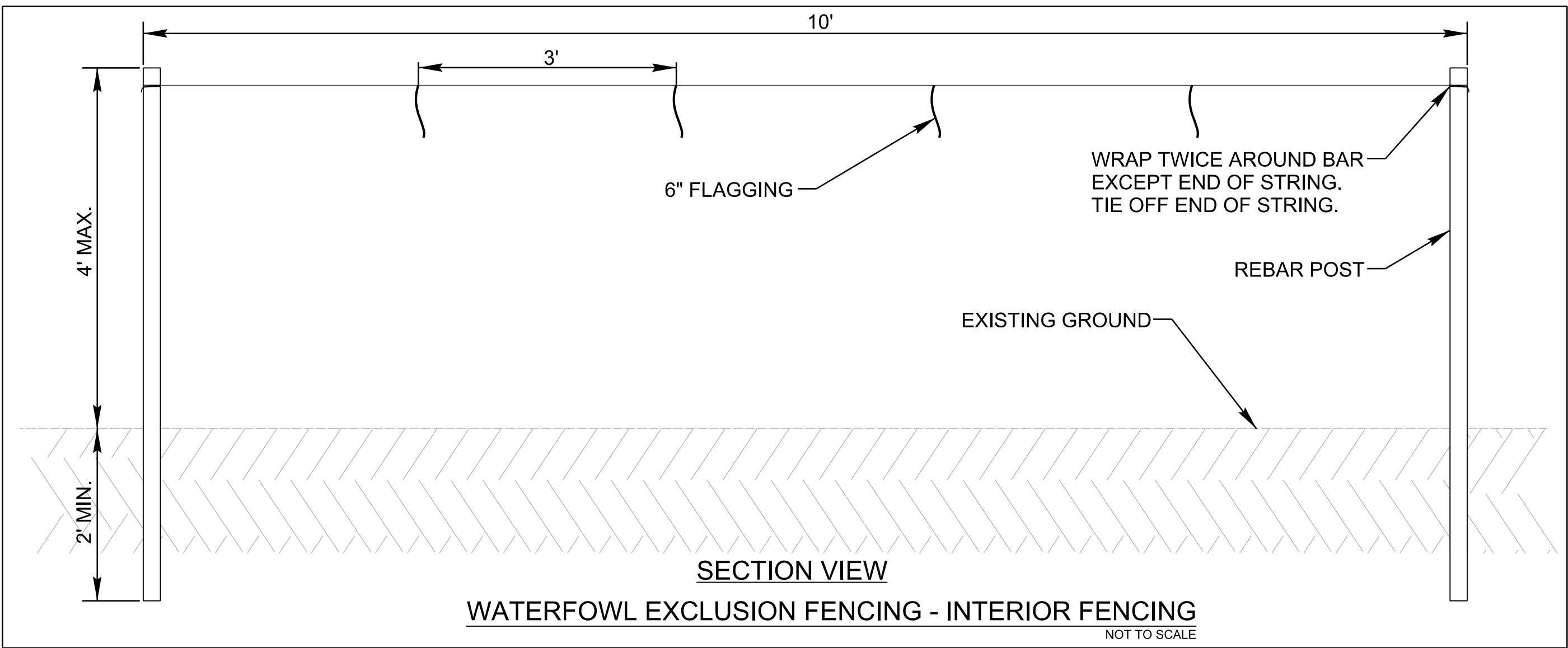
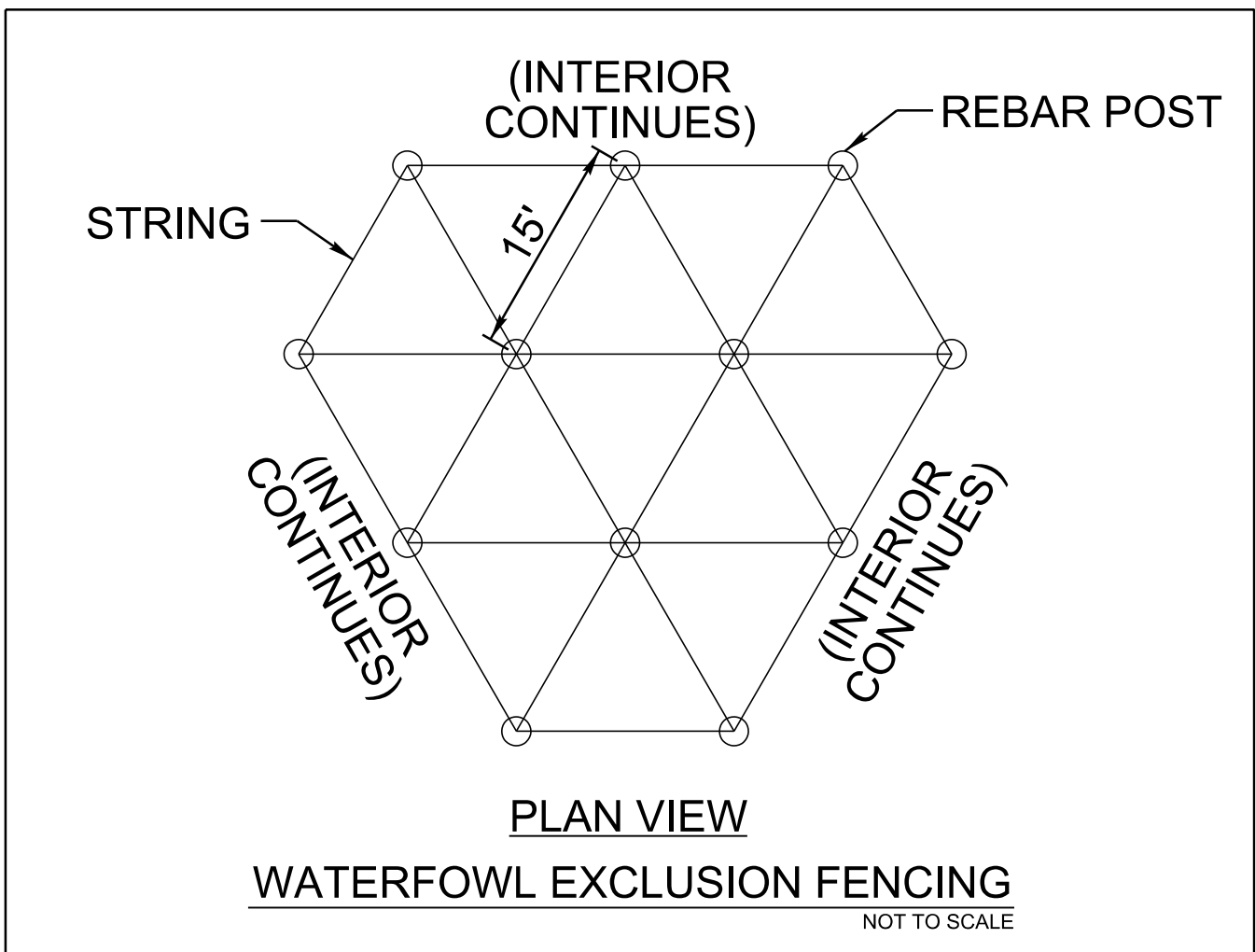
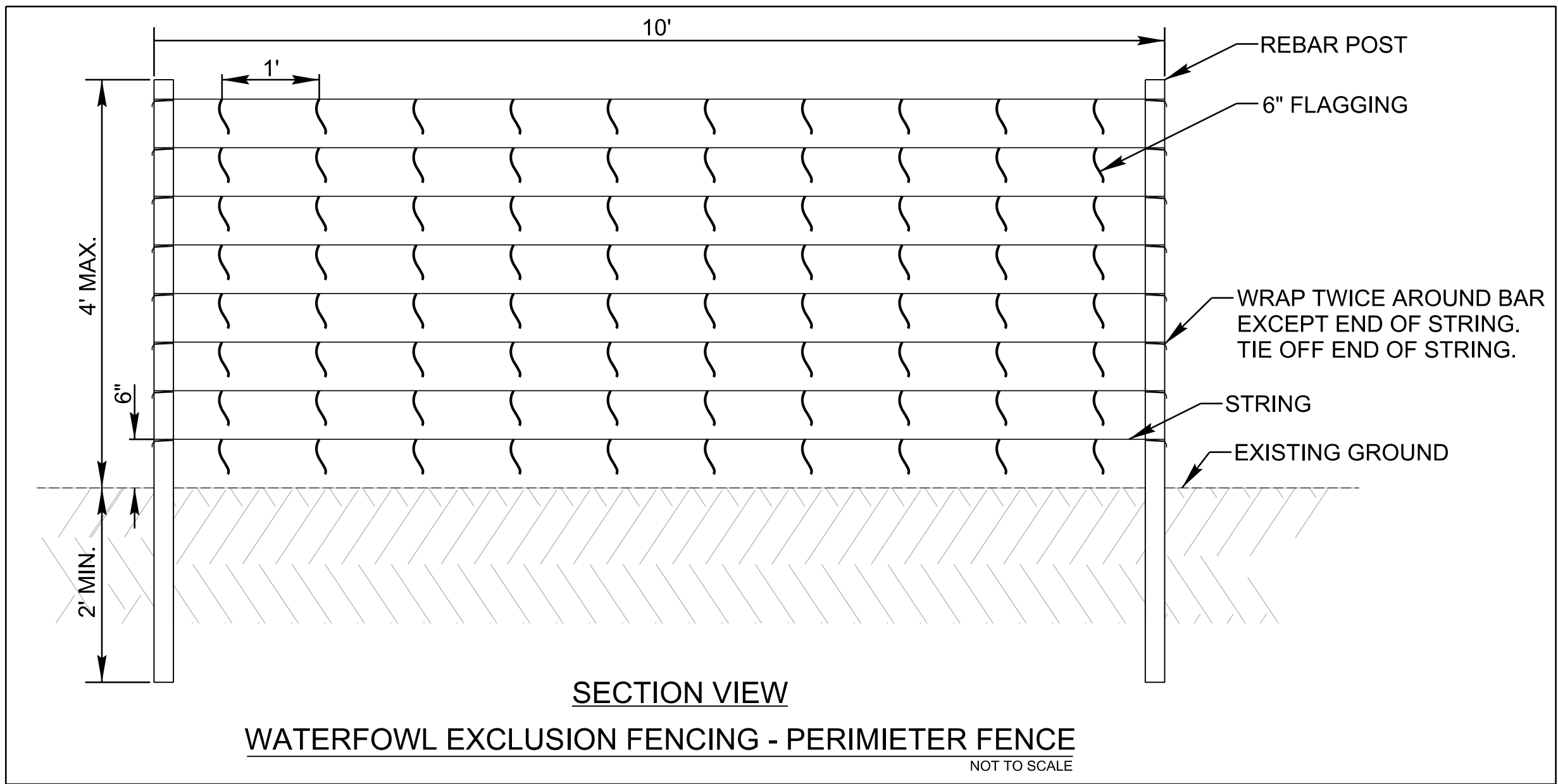
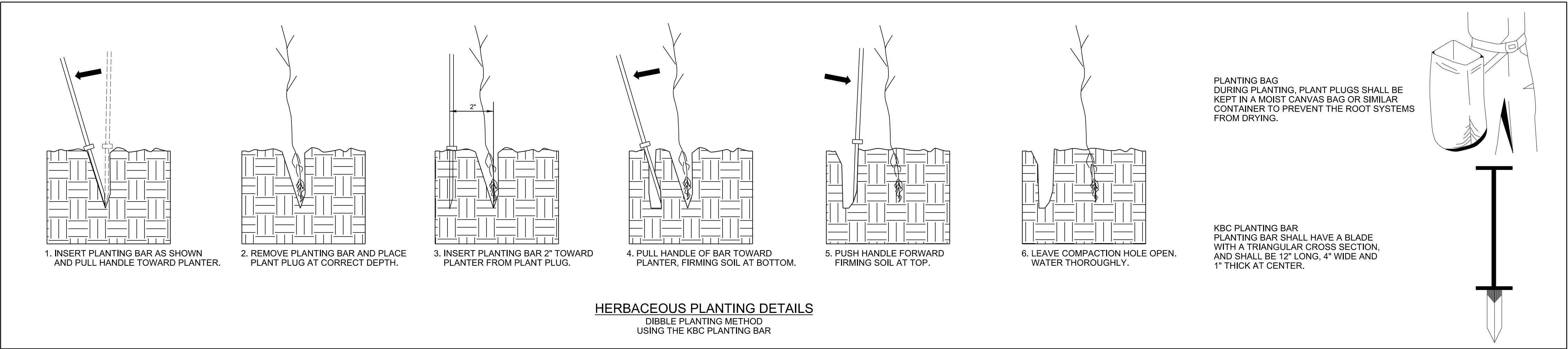
SITE 1

PRELIMINARY PLANS

DO NOT USE FOR CONSTRUCTION



10/3/2025
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BEAUFORT COUNTY, NC
TOWN OF WASHINGTON PARK
MARSH SILL

REVISIONS	

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PLANTING
DETAILS

L-3

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