

THIS PROJECT CONSISTS OF 1,225 LINEAR FEET OF CONSTRUCTION
OF A NEW LIVING SHORELINE.
THE TOTAL IMPACTED AREA FOR THIS PROJECT IS 41,361 SF (0.95 AC).
BELOW JURISDICTION LINE AREA= 28,055 SF (0.64 AC)
TEMPORARY BUFFER IMPACTED AREA= 13,306 SF (0.31 AC)
PLANS BASED ON TOPOGRAPHIC SURVEY BY BREWER LAND SURVEYING, FIELD DATE OF 2/19/24.

THE PROJECT IS LOCATED ON OSSABAW ISLAND, ADJACENT TO AN EXISTING CONCRETE BOAT RAMP ON NEWELL CREEK.

BELOW CMPA JURISDICTION LINE (ELEV 5.50)
EXCAVATION: 75 CY
FILL: 1,081 CY

BELOW USACE HIGH TIDE ELEV=5.30
EXCAVATION=75 CY
FILL=1,029 CY=0.84 CY/LF

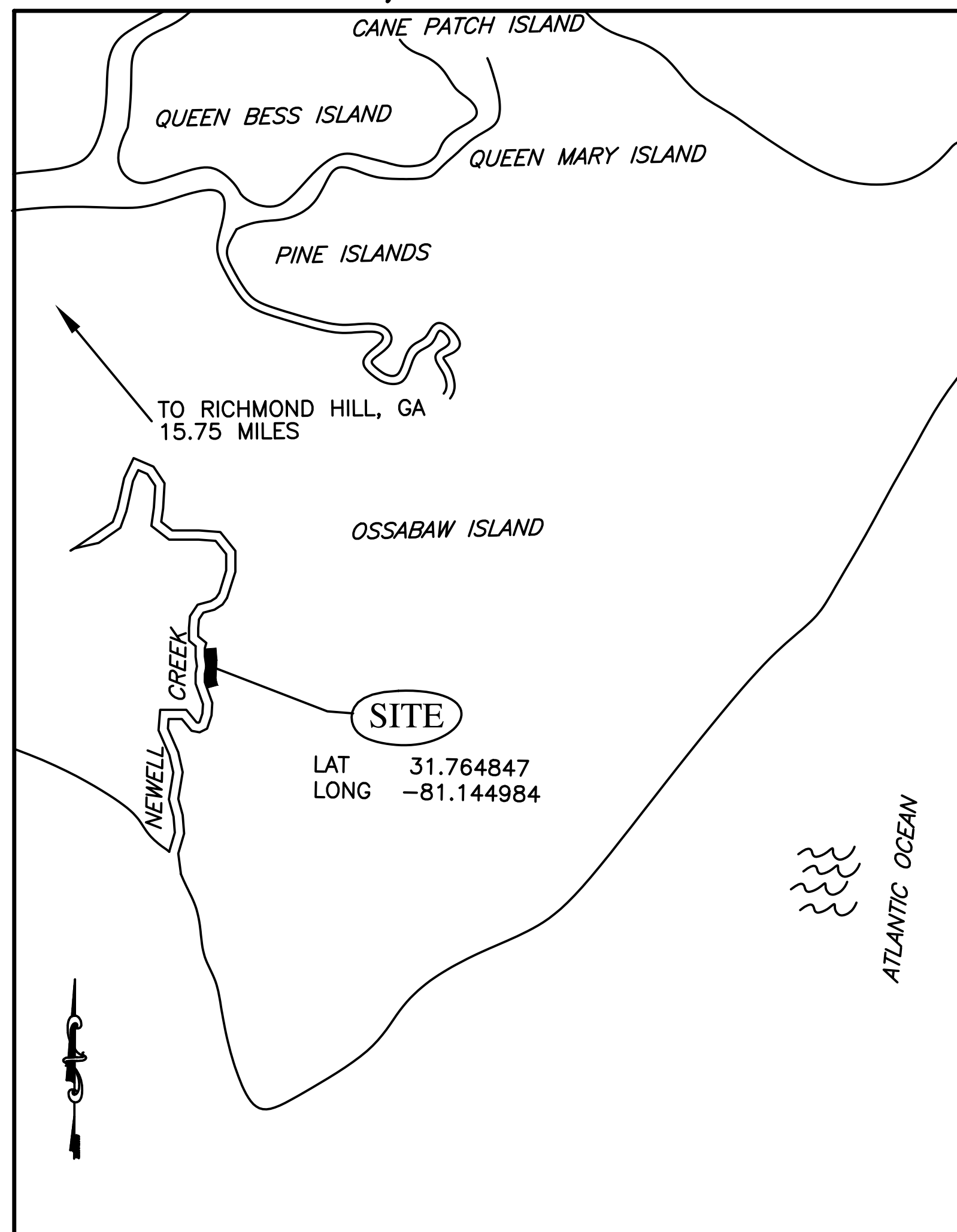
ABOVE CMPA JURISDICTION LINE (ELEV 5.50)
EXCAVATION: 0 CY
FILL: 606 CY

APPROXIMATE TOTAL FILL PER LINEAR FOOT=(1,687)/1,225=1.38 CY/LF

APPROXIMATE TOE PROTECTION VOLUME (REMOVE & REPLACE)
 $((3' \times 3' (1,225')) / 27 = 408 \text{ CY}$

	ARTICULATED CONCRETE		PRESERVE TREE
	BULKHEAD		REMOVE TREE
	COASTAL MARSHLANDS PROTECTION ACT JURISDICTION LINE		OAK TREE
	CONCRETE		PALM TREE
	EROSION CONTROL MAT		CEDAR TREE
	HEAVY DUTY EROSION CONTROL MAT		
	LIGHT DUTY EROSION CONTROL MAT		
	MARSH		
	STATE OF GEORGIA 25' BUFFER LINE		
	WALKWAY/DOCK		

ON OSSABAW ISLAND, GA



VICINITY MAP
NO SCALE

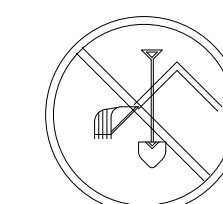
TO BE DETERMINED BY BID PROCESS

STATE OF GEORGIA
205 BUTLER ST STE 1252
ATLANTA, GA 30334
CONTACT:
GA DNR, COASTAL RESOURCES DIVISION
ONE CONSERVATION WAY
BRUNSWICK, GA 31520
912-264-7218
JAN.MACKINNON@DNR.GA.GOV

SHEET 1	COVER SHEET
SHEET 2-3	EXISTING CONDITIONS
SHEET 4-7	SITE LAYOUT PLAN
SHEET 8-11	GRADING PLAN
SHEET 12	MISCELLANEOUS DETAILS
SHEET 13	CROSS SECTIONS
SHEET L1-L4	LANDSCAPE PLANS
SHEET B1	BORROW PIT

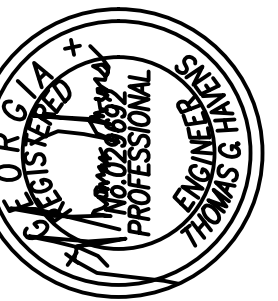
AB	AGGREGATE BASE	MAX	MAXIMUM
AC	ASPHALT CONCRETE	MIN	MINIMUM
ACU	ADJUSTABLE	MISC	MISCELLANEOUS
AGGR	AGGREGATE	MH	MANHOLE
ALT	ALTERNATE	MON	MONUMENT
&	AND	MW	MONITORING WELL
APPROX	APPROXIMATE		
⊙	AT	N	NORTH
		(N)	NORTH
		NO., #	NUMBER
		NTS	NOT TO SCALE
BC	BACK OF CURB		
BCR	BEGIN CURB RETURN		
BGS	BELOW GRADE SURFACE	OC	ON CENTER
BVC	BEGIN VERTICAL CURVE	OH	OVER HEAD
BVCE	BEGIN VERTICAL CURVE ELEVATION	OHE	OVER HEAD ELECTRICAL
BSW	BACK OF SIDEWALK	OHT	OVER HEAD TELEPHONE
		OHU	OVER HEAD UTILITY
		ORN	ORNAMENTAL
CB	CATCH BASIN		
C&G	CURB AND GUTTER		
CL	CLASS	PAV	PAVING
C	CENTERLINE	PCC	PORTLAND CEMENT CONCRETE
CO	CLEANOUT	PED	PEDESTRIAN
CONC	CONCRETE	PI	POINT OF INTERSECTION
CLR, CL	CLEARANCE	R	PROPERTY LINE
CMP	CORRUGATED METAL PIPE	PP	POWER POLE
CMPA	COASTAL MARSHLANDS PROTECTION ACT	PROP	PROPERTY
CP	CONTROL POINT	PRC	POINT OF REVERSE CURVE
CULV	CULVERT	PRVC	POINT OF REVERSE VERTICAL CURVE
		PT	POINT
DBC	DEPRESSED BACK OF CURB	PVC	POLYVINYL CHLORIDE PIPE
DI	DROP INLET	PVI	POINT OF VERTICAL INTERSECTION
DIA	DIAMETER		
D/W, DW, DWY	DRIVEWAY	R	RADIUS
		RC	RELATIVE COMPACTION
EA	EACH	RCP	REINFORCED CONCRETE PIPE
E, ELEC	ELECTRICAL	REINF	REINFORCED
EC	END CURVE	REQ	REQUIRED, REQUIREMENT
ECR	END CURB RETURN	RSP	ROCK SLOPE PROTECTION
EG	EXISTING GROUND	RT	RIGHT
EL, ELEV	ELEVATION	R/W	RIGHT OF WAY
EP	EDGE OF PAVEMENT		
EXIST	EXISTING	S	SLOPE OR SOUTH
(E)	EAST	(S)	SOUTH
EVC	END VERTICAL CURVE	SCHED	SCHEDULE
EVCE	END VERTICAL CURVE ELEVATION	SD	STORM DRAIN
		SECT	SECTION
FF	FINISHED FLOOR	SHT	SHEET
FG	FINISHED GRADE	SL	STREET LIGHT
FH	FIRE HYDRANT	SPEC	SPECIFICATIONS
FL	FLOW LINE	SS	SANITARY SEWER
FT	FEET	SDMH	STORM DRAIN MANHOLE
		SSMH	SANITARY SEWER MANHOLE
		STA	STATION
G	GAS	STD	STANDARD
GB	GRADE BREAK	ST	STREET
GND	GROUND	S/W	SIDEWALK
GRAV	GRAVEL		
GV	GATE VALVE	T	TELEPHONE
		TB	TOP OF BANK
H, HORZ	HORIZONTAL	TBM	TEMPORARY BENCH MARK
		TC	TOP OF CURB
IC	INTERCONNECT	TEL	TELEPHONE
ID	INSIDE DIAMETER	TG	TOP OF GRATE
IG	INVERT GRADE	TL	TRAFFIC LIGHT
IN	INCH	TP	TOP OF PAVEMENT
INV	INVERT	TS	TOP OF SIDEWALK
		TYP	TYPICAL
JP	JOINT POLE	TV	TELEVISION
JT	JOINT		
JUNCT	JUNCTION	UG	UNDERGROUND
LF	LINEAR FEET		
L/G	LIP OF GUTTER	VC	VERTICAL CURVE
LT	LEFT	VG	VALLEY GUTTER
		W/	WITH
		W/O	WITH OUT
		W	WATER

8" SPIKE
ELEVATION=7.89
NAVD88



UTILITIES PROTECTION CENTER
CALL THREE WORKING DAYS
BEFORE YOU DIG
THROUGHOUT GEORGIA
811

NO.	DATE	REVISION	BY



OSSABAW ISLAND – LIVING SHORELINE
CHATHAM COUNTY GEORGIA

COVER SHEET



DATE 11/17/26	
AWN BY JH	CHECKED TH

OF 13



MATCHLINE, SEE BELOW LEFT

OSSABAW ISLAND – LIVING SHORELINE
CHATHAM COUNTY, GEORGIA

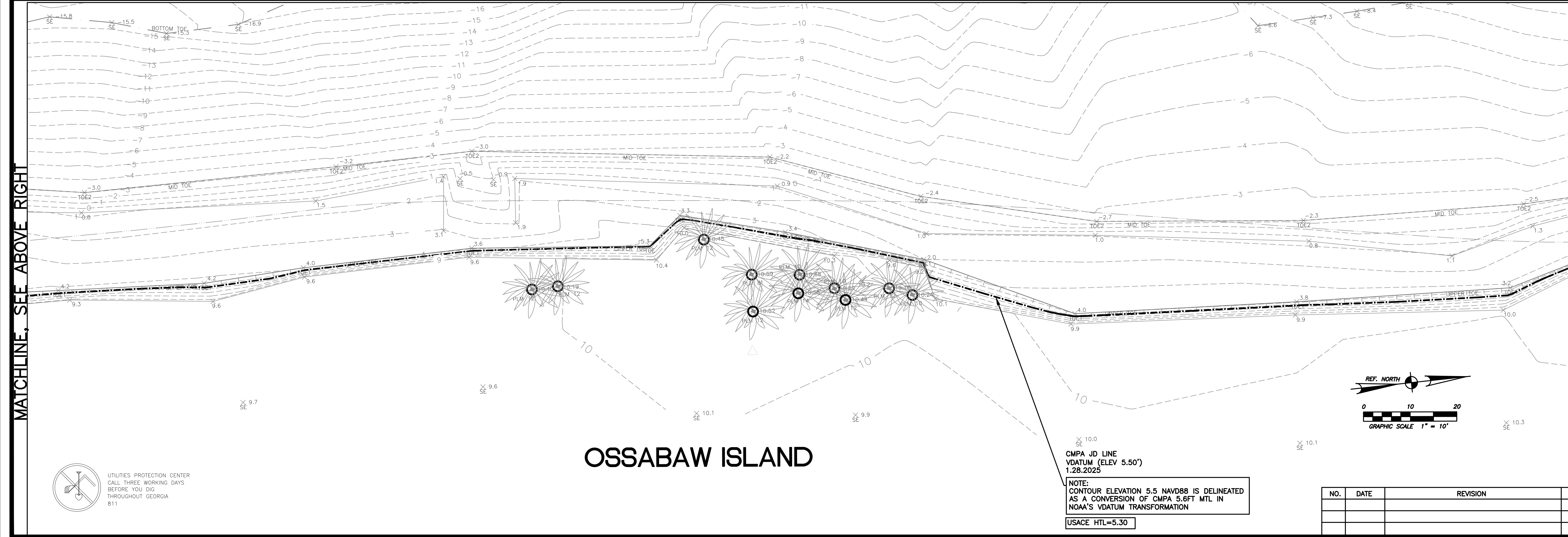
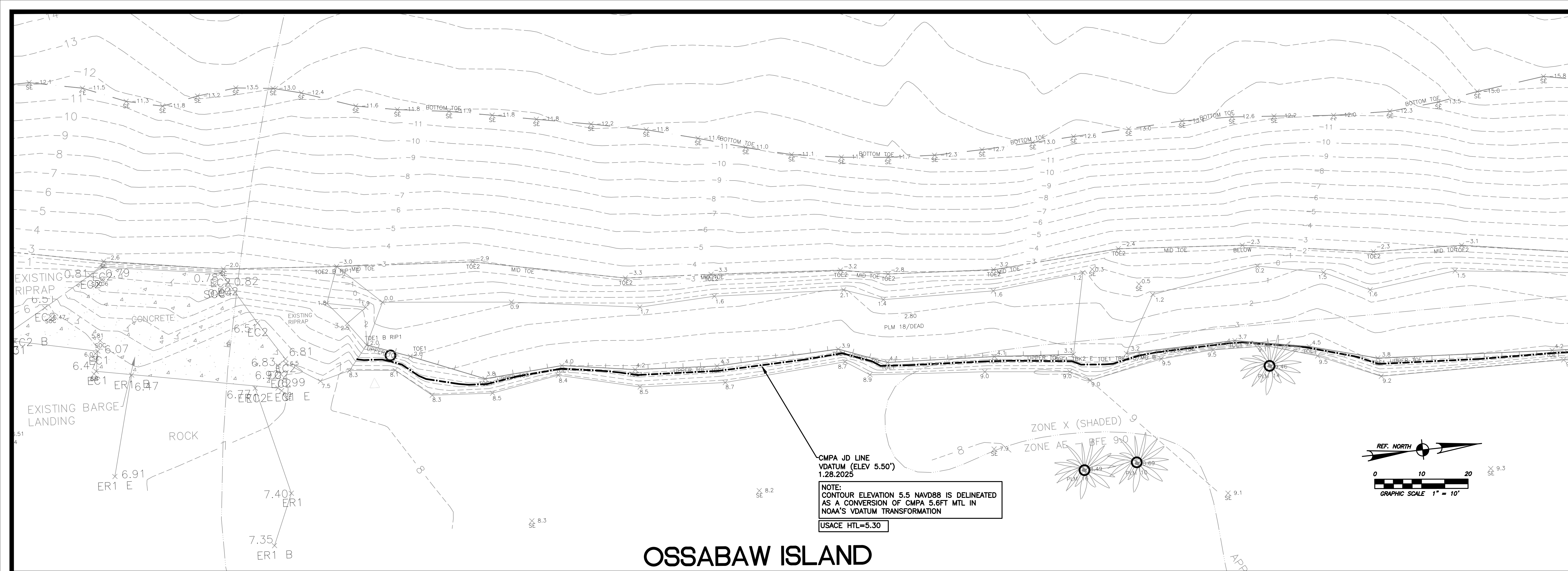
EXISTING CONDITIONS



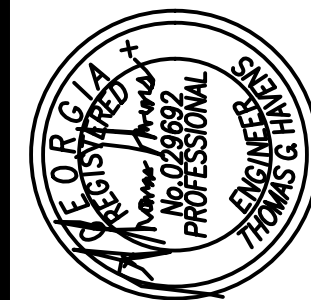
DATE: 2/17/26
DRAWN BY: JH
CHECKED BY: TH

DRAWING NUMBER

2 OF 13



UTILITIES PROTECTION CENTER
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811



OSSABAW ISLAND – LIVING SHORELINE
CHATHAM COUNTY GEORGIA

EXISTING CONDITIONS

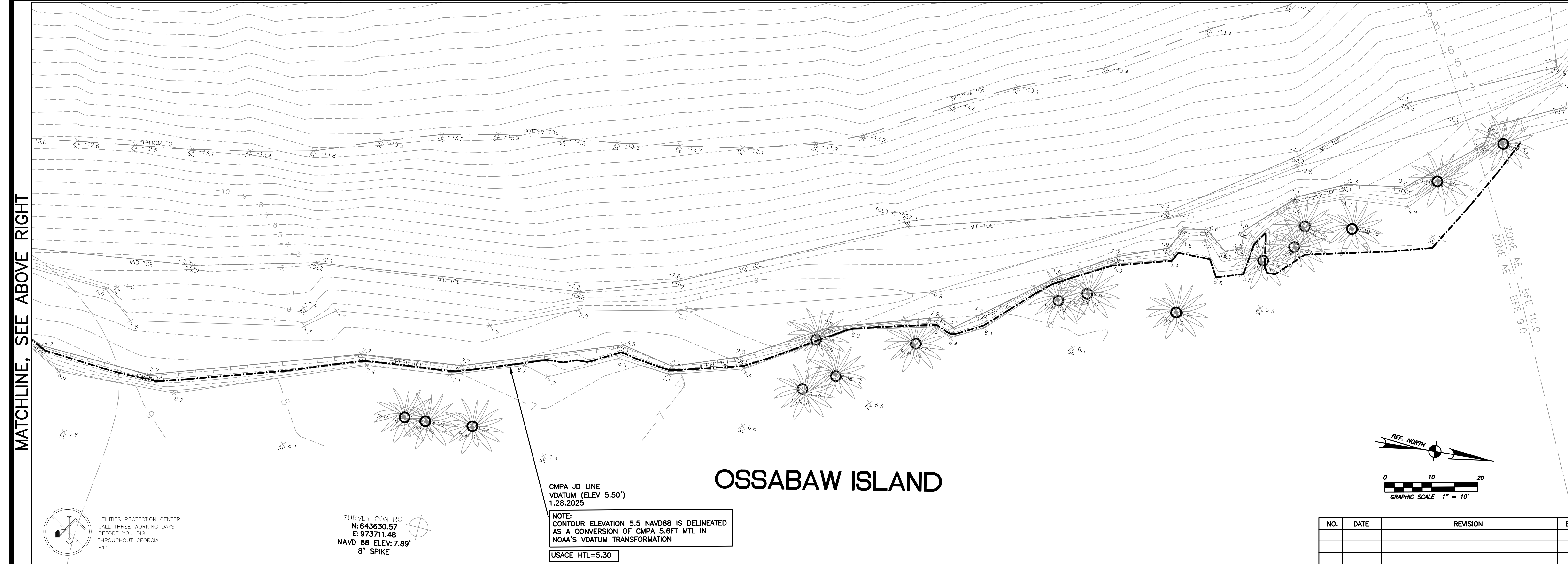
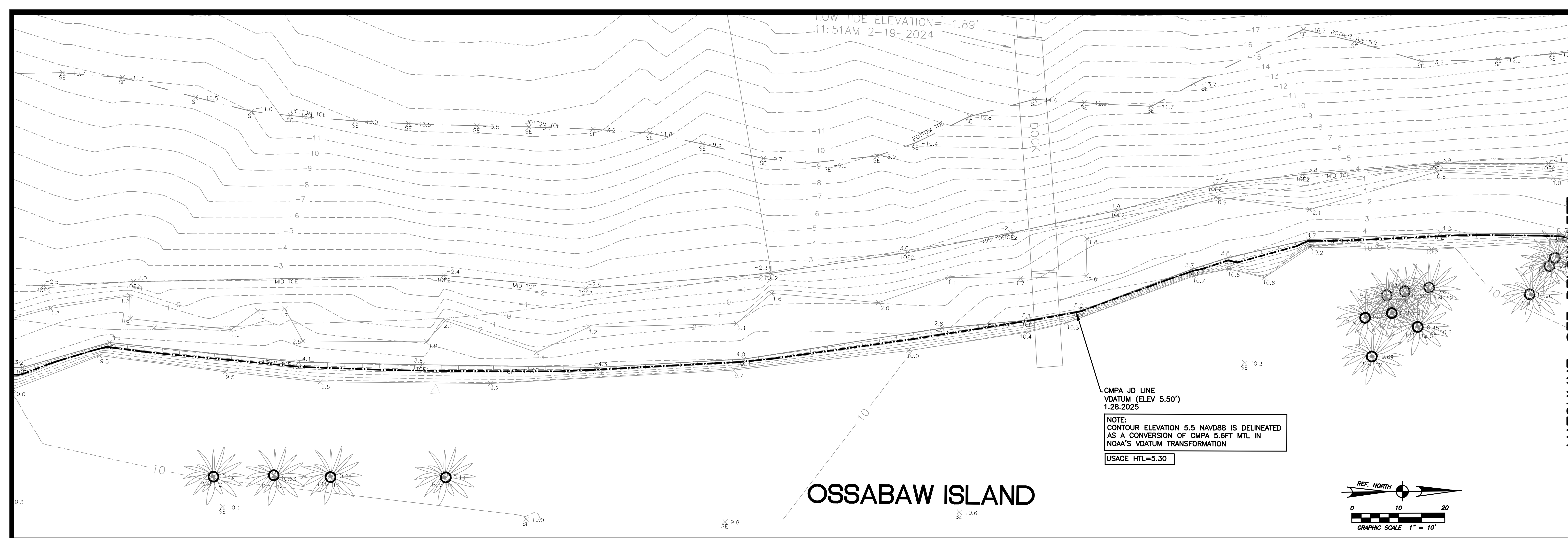


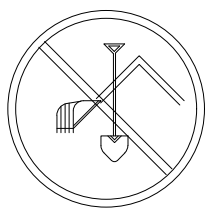
DATE: 2/17/26
DRAWN BY: JH
CHECKED: TH

DRAWING NUMBER
3 of 13

MATCHLINE, SEE BELOW LEFT

MATCHLINE, SEE ABOVE RIGHT





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NEWELL CREEK



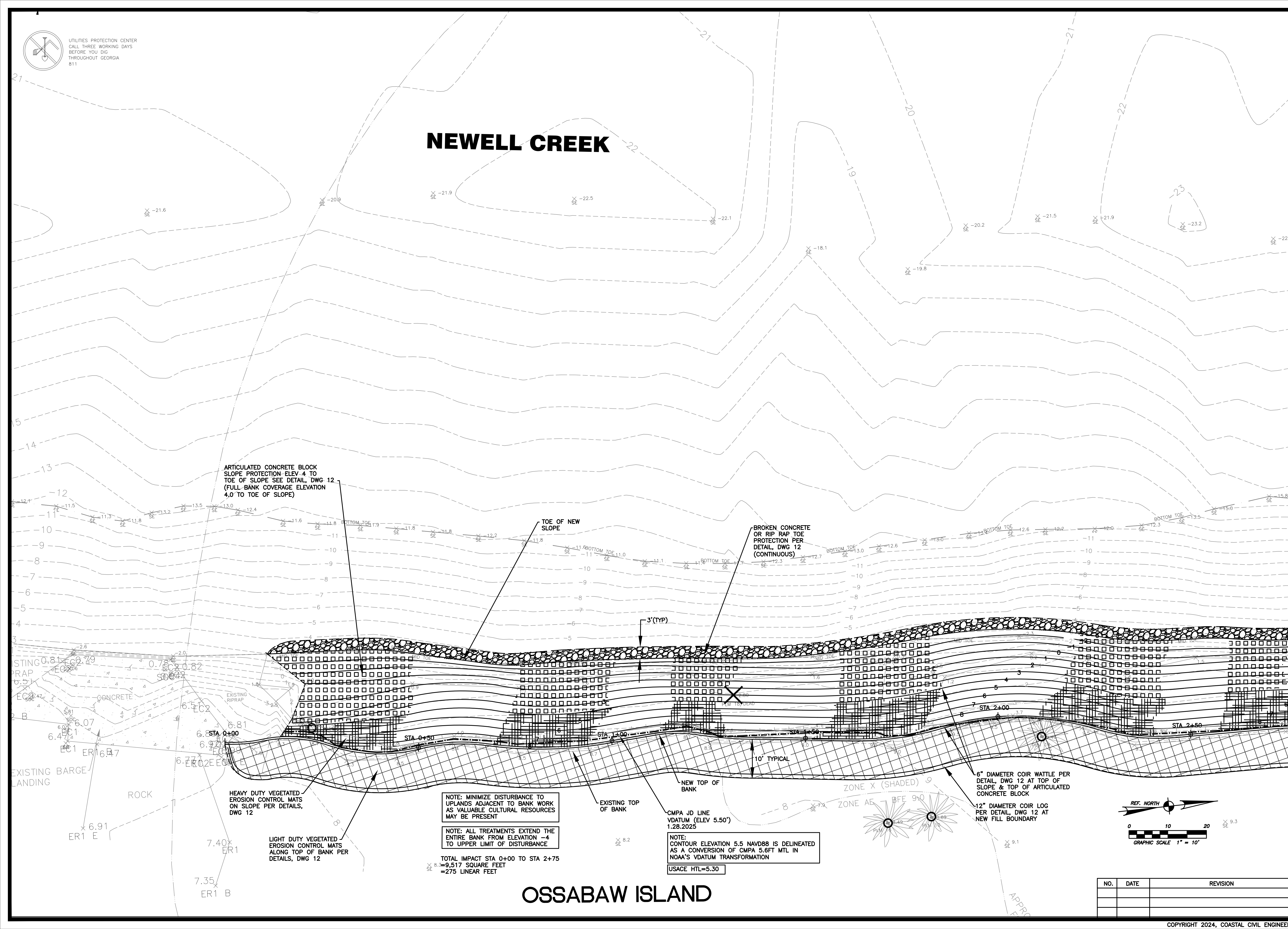
OSSABAW ISLAND – LIVING SHORELINE
CHATHAM COUNTY
GEORGIA

SITE LAYOUT PLAN



DATE: 2/17/26
DRAWN BY: JH
CHECKED: TH
DRAWING NUMBER: 4 OF 13

MATCHLINE 2+75-SEE DRAWING 5



ARTICULATED CONCRETE BLOCK
SLOPE PROTECTION ELEV 4 TO
TOE OF SLOPE SEE DETAIL, DWG 12
(FULL BANK COVERAGE ELEVATION
4.0 TO TOE OF SLOPE)

TOE OF NEW
SLOPE

BROKEN CONCRETE
OR RIP RAP TOE
PROTECTION PER
DETAIL, DWG 12
(CONTINUOUS)

3'(TYP)

10' TYPICAL

6" DIAMETER COIR WATTLE PER
DETAIL, DWG 12 AT TOP OF
SLOPE & TOP OF ARTICULATED
CONCRETE BLOCK
12" DIAMETER COIR LOG
PER DETAIL, DWG 12 AT
NEW FILL BOUNDARY

HEAVY DUTY VEGETATED
EROSION CONTROL MATS
ON SLOPE PER DETAILS,
DWG 12

LIGHT DUTY VEGETATED
EROSION CONTROL MATS
ALONG TOP OF BANK PER
DETAILS, DWG 12

NOTE: MINIMIZE DISTURBANCE TO
UPLANDS ADJACENT TO BANK WORK
AS VALUABLE CULTURAL RESOURCES
MAY BE PRESENT

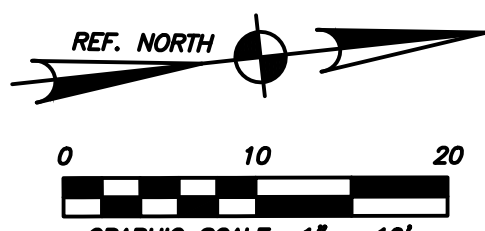
NOTE: ALL TREATMENTS EXTEND THE
ENTIRE BANK FROM ELEVATION -4
TO UPPER LIMIT OF DISTURBANCE

TOTAL IMPACT STA 0+00 TO STA 2+75
=9,517 SQUARE FEET
=275 LINEAR FEET

CMPSA JD LINE
VDATUM (ELEV 5.50')
1.28.2025

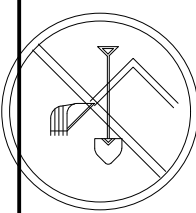
NOTE:
CONTOUR ELEVATION 5.5 NAVD88 IS DELINEATED
AS A CONVERSION OF CMPSA 5.6FT MTL IN
NOAA'S VDATUM TRANSFORMATION

USACE HTL=5.30



NO.	DATE	REVISION	BY

OSSABAW ISLAND



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OSABAW ISLAND – LIVING SHORELINE
GEORGIA

CHATHAM COUNTY

SITE LAYOUT PLAN



DATE
2/17/26
DRAWN BY
JH
CHECKED
TH

DRAWING NUMBER

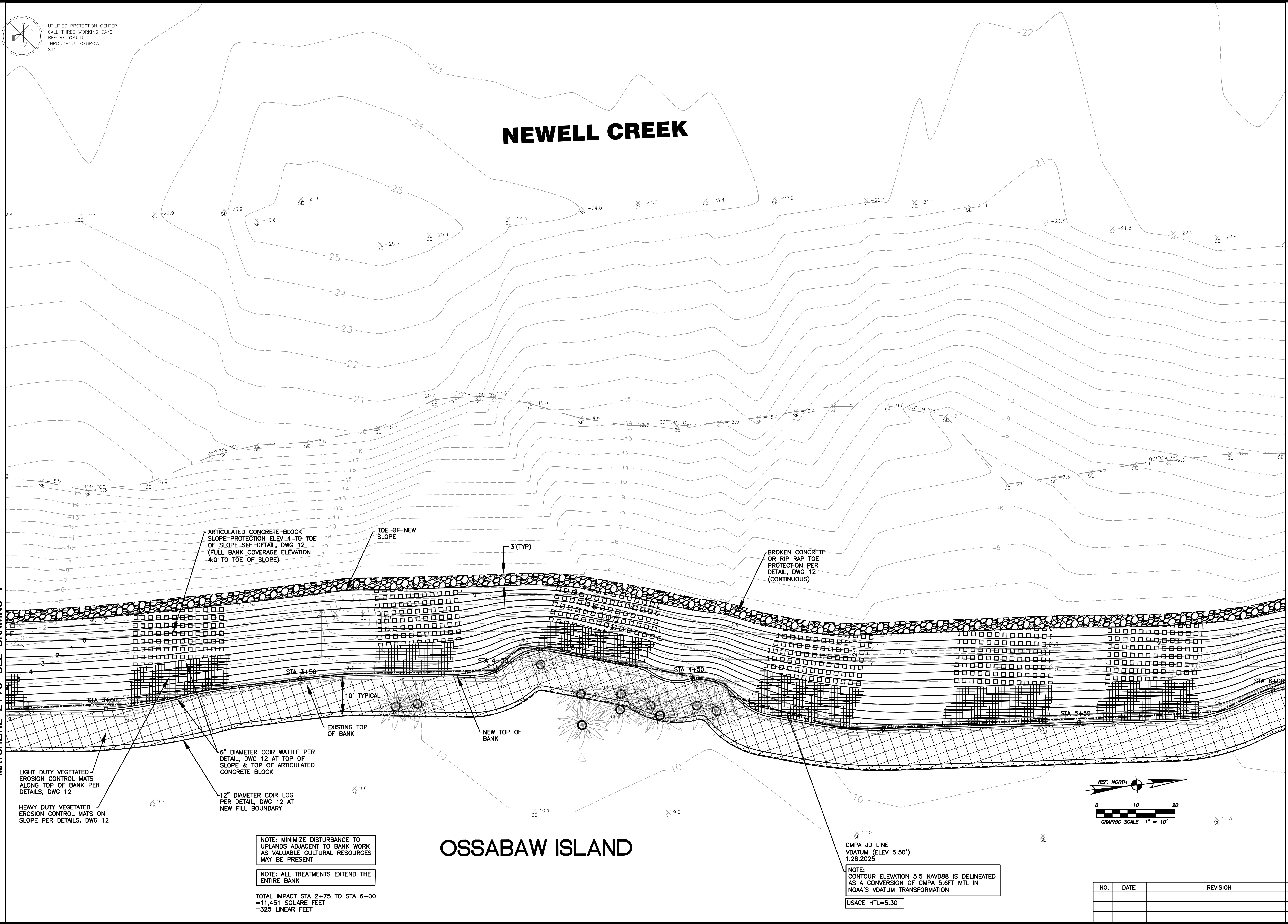
5 of 13

MATCHLINE 2+75-SEE DRAWING 4

MATCHLINE 6+00-SEE DRAWING 6

NEWELL CREEK

OSABAW ISLAND



ARTICULATED CONCRETE BLOCK
SLOPE PROTECTION ELEV 4 TO TOE
OF SLOPE SEE DETAIL, DWG 12
(FULL BANK COVERAGE ELEVATION
4.0 TO TOE OF SLOPE)

TOE OF NEW
SLOPE

3'(TYP)

BROKEN CONCRETE
OR RIP RAP TOE
PROTECTION PER
DETAIL, DWG 12
(CONTINUOUS)

LIGHT DUTY VEGETATED
EROSION CONTROL MATS
ALONG TOP OF BANK PER
DETAILS, DWG 12

HEAVY DUTY VEGETATED
EROSION CONTROL MATS ON
SLOPE PER DETAILS, DWG 12

6" DIAMETER COIR WATTLE PER
DETAIL, DWG 12 AT TOP OF
SLOPE & TOP OF ARTICULATED
CONCRETE BLOCK

12" DIAMETER COIR LOG
PER DETAIL, DWG 12 AT
NEW FILL BOUNDARY

NOTE: MINIMIZE DISTURBANCE TO
UPLANDS ADJACENT TO BANK WORK
AS VALUABLE CULTURAL RESOURCES
MAY BE PRESENT

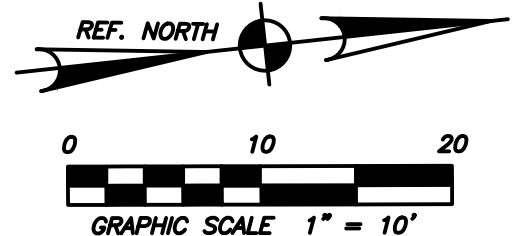
NOTE: ALL TREATMENTS EXTEND THE
ENTIRE BANK

TOTAL IMPACT STA 2+75 TO STA 6+00
=11,451 SQUARE FEET
=325 LINEAR FEET

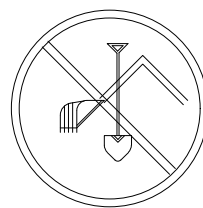
CMPA JD LINE
VDUTUM (ELEV 5.50')
1.28.2025

NOTE:
CONTOUR ELEVATION 5.5 NAVD88 IS DELINEATED
AS A CONVERSION OF CMPA 5.6FT MTL IN
NOAA'S VDUTUM TRANSFORMATION

USACE HTL=5.30



NO.	DATE	REVISION	BY



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OSSABAW ISLAND - LIVING SHORELINE
GEORGIA
CHATHAM COUNTY

SITE LAYOUT PLAN



DATE
2/17/26
DRAWN BY
JH
CHECKED
TH

DRAWING NUMBER

6 OF 13

NEWELL CREEK

FLOATING DOCK

DOCK TO BE RELOCATED
UNDER SEPARATE CONTRACT

PROPOSED DOCK-APPROXIMATE
LOCATION PER PLANS PREPARED
BY EMC DATED FEBRUARY 2024

LOW TIDE ELEVATION=-1.89'
11:51AM 2-19-2024

ARTICULATED CONCRETE BLOCK
SLOPE PROTECTION ELEV 4 TO TOE
OF SLOPE SEE DETAIL, DWG 12
(FULL BANK COVERAGE ELEVATION
4.0 TO TOE OF SLOPE)

BROKEN CONCRETE
OR RIP RAP TOE
PROTECTION PER
DETAIL, DWG 12
(CONTINUOUS)

TOE OF NEW
SLOPE

3'(TYP)

EXISTING TOP
OF BANK

NEW TOP OF
BANK

6" DIAMETER COIR WATTLE
PER DETAIL, DWG 12 AT
TOP OF SLOPE & TOP OF
ARTICULATED CONCRETE
BLOCK

12" DIAMETER COIR LOG
PER DETAIL, DWG 12 AT
NEW FILL BOUNDARY

HEAVY DUTY VEGETATED
EROSION CONTROL MATS
ON SLOPE PER DETAILS,
DWG 12

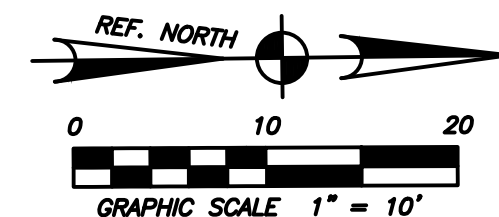
LIGHT DUTY VEGETATED
EROSION CONTROL MATS
ALONG TOP OF BANK PER
DETAILS, DWG 12

MODIFIED FILTER RING
EROSION PROTECTION
STA 8+10 TO STA 8+85
(SEE DETAIL, DWG C12)

CMPA JD LINE
VDATUM (ELEV 5.50')
1.28.2025

NOTE:
CONTOUR ELEVATION 5.5 NAVD88 IS DELINEATED
AS A CONVERSION OF CMPA 5.6FT MTL IN
NOAA'S VDATUM TRANSFORMATION

USACE HTL=5.30



OSSABAW ISLAND

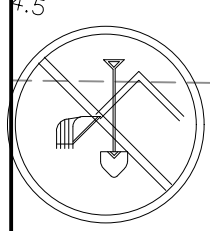
SURVEY CONTROL
N: 643378.64
E: 973748.97
NAVD 88 ELEV: 10.19'
8" SPIKE

NOTE: MINIMIZE DISTURBANCE TO
UPLANDS ADJACENT TO BANK WORK
AS VALUABLE CULTURAL RESOURCES
MAY BE PRESENT

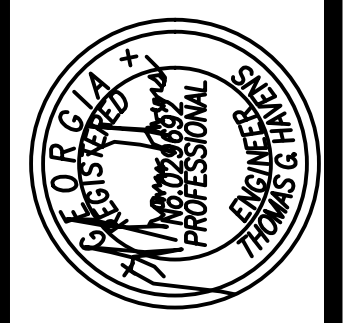
NOTE: ALL TREATMENTS EXTEND THE
ENTIRE BANK

TOTAL IMPACT STA 6+00 TO STA 9+25
=11,013 SQUARE FEET
=325 LINEAR FEET

NO.	DATE	REVISION	BY



UTILITIES PROTECTION CENTER
CALL-THREE WORKING DAYS
BEFORE YOU DIG
THROUGHOUT GEORGIA
811



OSABAW ISLAND – LIVING SHORELINE
CHATHAM COUNTY
GEORGIA

SITE LAYOUT PLAN

COASTAL
Civil Engineering
3000 1/2 River Drive, Thunderbolt, GA
Tel 912.332.9402
WWW.COASTALCIVIL.COM

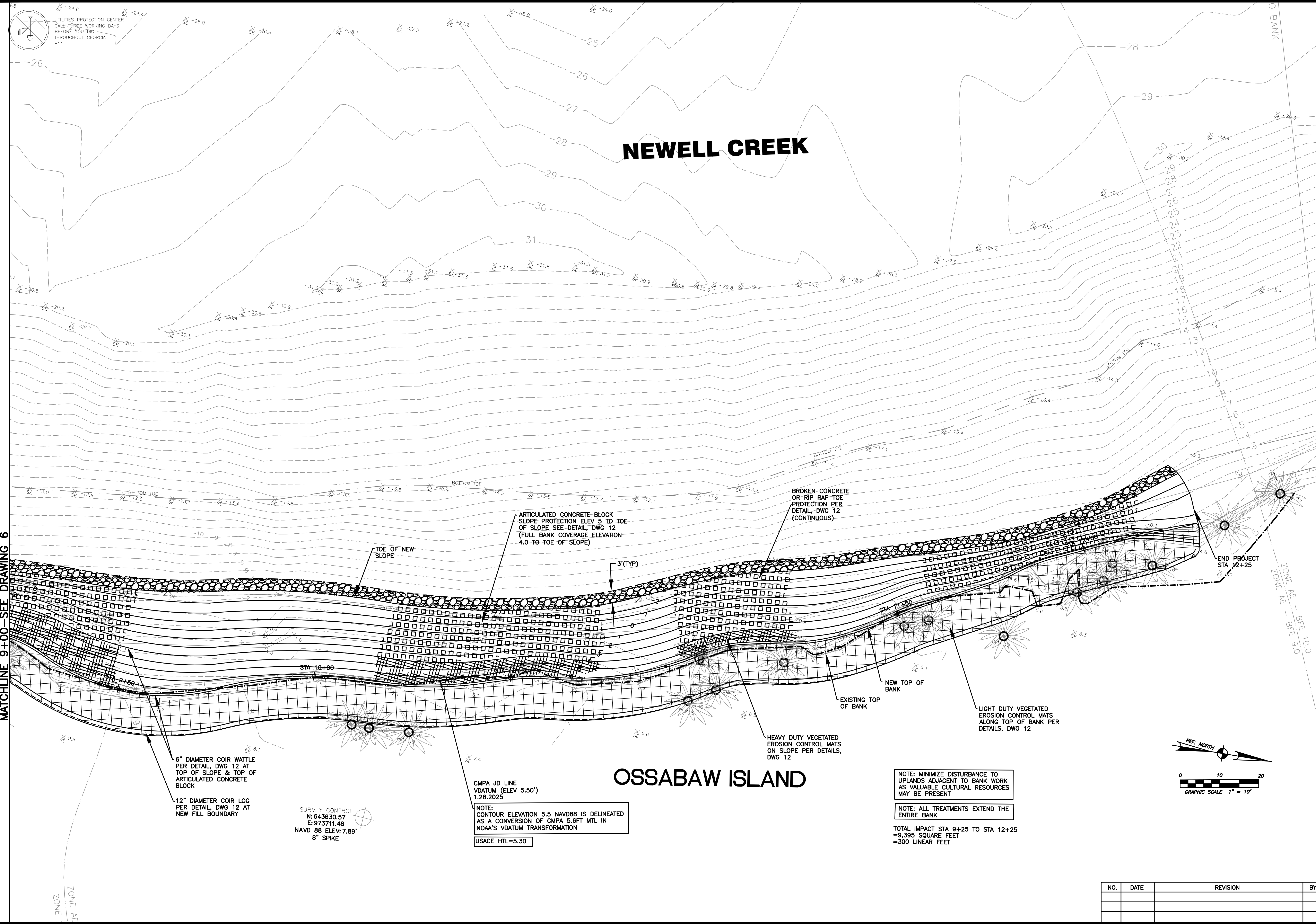
DATE	2/17/26
DRAWN BY	JH
CHECKED	TH

DRAWING NUMBER
7 of 13

NEWELL CREEK

OSABAW ISLAND

MATCHLINE 9+00—SEE DRAWING 6



6" DIAMETER COIR WATTLE
PER DETAIL, DWG 12 AT
TOP OF SLOPE & TOP OF
ARTICULATED CONCRETE
BLOCK

12" DIAMETER COIR LOG
PER DETAIL, DWG 12 AT
NEW FILL BOUNDARY

SURVEY CONTROL
N: 643630.57
E: 973711.48
NAVD 88 ELEV: 7.89'
8" SPIKE

CMPS JD LINE
VDATUM (ELEV 5.50')
1.28.2025

NOTE:
CONTOUR ELEVATION 5.5 NAVD88 IS DELINEATED
AS A CONVERSION OF CMPS 5.6FT MTL IN
NOAA'S VDATUM TRANSFORMATION

USACE HTL=5.30

BROKEN CONCRETE
OR RIP RAP TOE
PROTECTION PER
DETAIL, DWG 12
(CONTINUOUS)

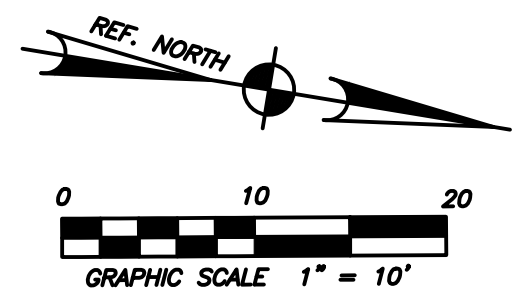
HEAVY DUTY VEGETATED
EROSION CONTROL MATS
ON SLOPE PER DETAILS,
DWG 12

LIGHT DUTY VEGETATED
EROSION CONTROL MATS
ALONG TOP OF BANK PER
DETAILS, DWG 12

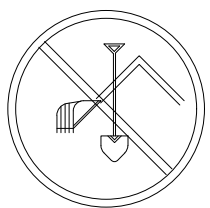
NOTE: MINIMIZE DISTURBANCE TO
UPLANDS ADJACENT TO BANK WORK
AS VALUABLE CULTURAL RESOURCES
MAY BE PRESENT

NOTE: ALL TREATMENTS EXTEND THE
ENTIRE BANK

TOTAL IMPACT STA 9+25 TO STA 12+25
=9,395 SQUARE FEET
=300 LINEAR FEET



NO.	DATE	REVISION	BY



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CALL THREE WORKING DAYS
BEFORE YOU DIG
THROUGHOUT GEORGIA
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OSSABAW ISLAND – LIVING SHORELINE
CHATHAM COUNTY
GEORGIA

GRADING PLAN



DATE
2/17/26
DRAWN BY
JH
CHECKED
TH
DRAWING NUMBER
8 OF 13

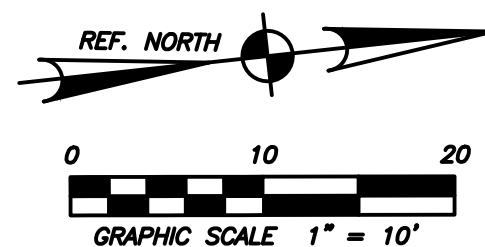
NEWELL CREEK

OSSABAW ISLAND

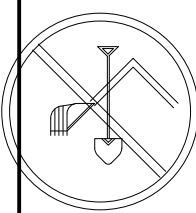
MATCHLINE 2+75-SEE DRAWING 9

NOTE: MINIMIZE DISTURBANCE TO
UPLANDS ADJACENT TO BANK WORK
AS VALUABLE CULTURAL RESOURCES
MAY BE PRESENT

CMPA JD LINE
VDATUM (ELEV 5.50')
1.28.2025
NOTE:
CONTOUR ELEVATION 5.5 NAVD88 IS DELINEATED
AS A CONVERSION OF CMPA 5.6FT MTL IN
NOAA'S VDATUM TRANSFORMATION
USACE HTL=5.30



NO.	DATE	REVISION	BY



UTILITIES PROTECTION CENTER
CALL THREE WORKING DAYS
BEFORE YOU DIG
THROUGHOUT GEORGIA
811



OSSEAW ISLAND – LIVING SHORELINE
GEORGIA

CHATHAM COUNTY

GRADING PLAN



DATE
2/17/26
DRAWN BY
JH
CHECKED
TH
DRAWING NUMBER
9 of 13

NEWELL CREEK

OSSEAW ISLAND

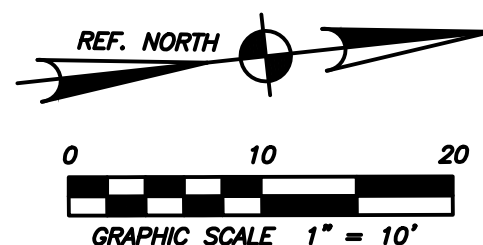
NOTE: MINIMIZE DISTURBANCE TO
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AS VALUABLE CULTURAL RESOURCES
MAY BE PRESENT

NOTE: ALL TREATMENTS EXTEND THE
ENTIRE BANK

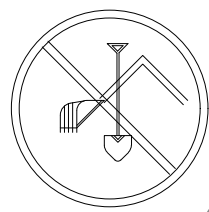
CMPS JD LINE
VDATUM (ELEV 5.50')
1.28.2025

NOTE:
CONTOUR ELEVATION 5.5 NAVD88 IS DELINEATED
AS A CONVERSION OF CMPS 5.6FT MTL IN
NOAA'S VDATUM TRANSFORMATION

USACE HTL=5.30



NO.	DATE	REVISION	BY



UTILITIES PROTECTION CENTER
CALL/THREE WORKING DAYS
BEFORE YOU DIG
THROUGHOUT GEORGIA
811



OSABAW ISLAND – LIVING SHORELINE
GEORGIA
CHATHAM COUNTY

GRADING PLAN



DATE: 2/17/26
DRAWN BY: JH
CHECKED: TH
DRAWING NUMBER: 10 of 13

NEWELL CREEK

245' +/- BANK TO BANK

FLOATING DOCK

RAMP

DOCK

LOW TIDE ELEVATION = -1.89'
11:51AM 2-19-2024

OSABAW ISLAND

SURVEY CONTROL
N: 643378.64
E: 973748.97
NAVD 88 ELEV: 10.19'
8" SPIKE

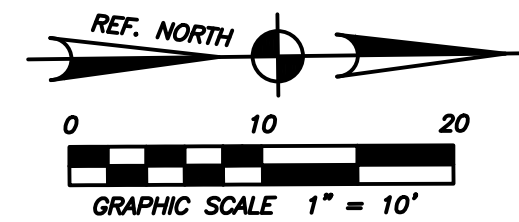
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AS VALUABLE CULTURAL RESOURCES
MAY BE PRESENT

NOTE: ALL TREATMENTS EXTEND THE
ENTIRE BANK

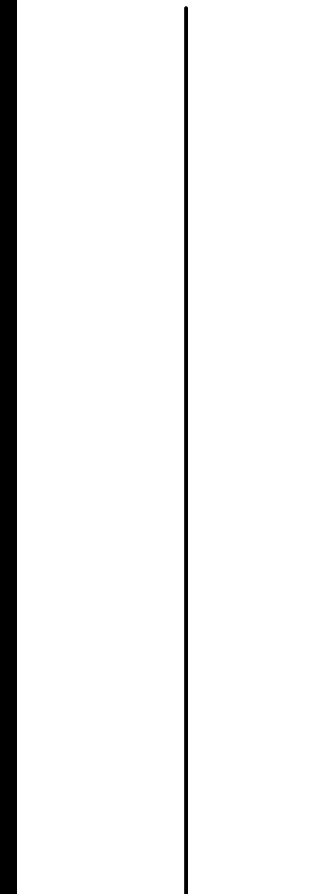
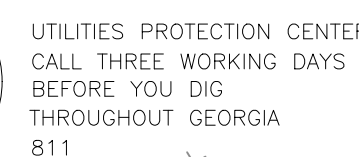
CMPA JD LINE
VDATUM (ELEV 5.50')
1.28.2025

NOTE:
CONTOUR ELEVATION 5.5 NAVD88 IS DELINEATED
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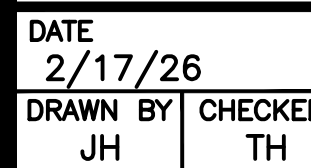
USACE HTL=5.30



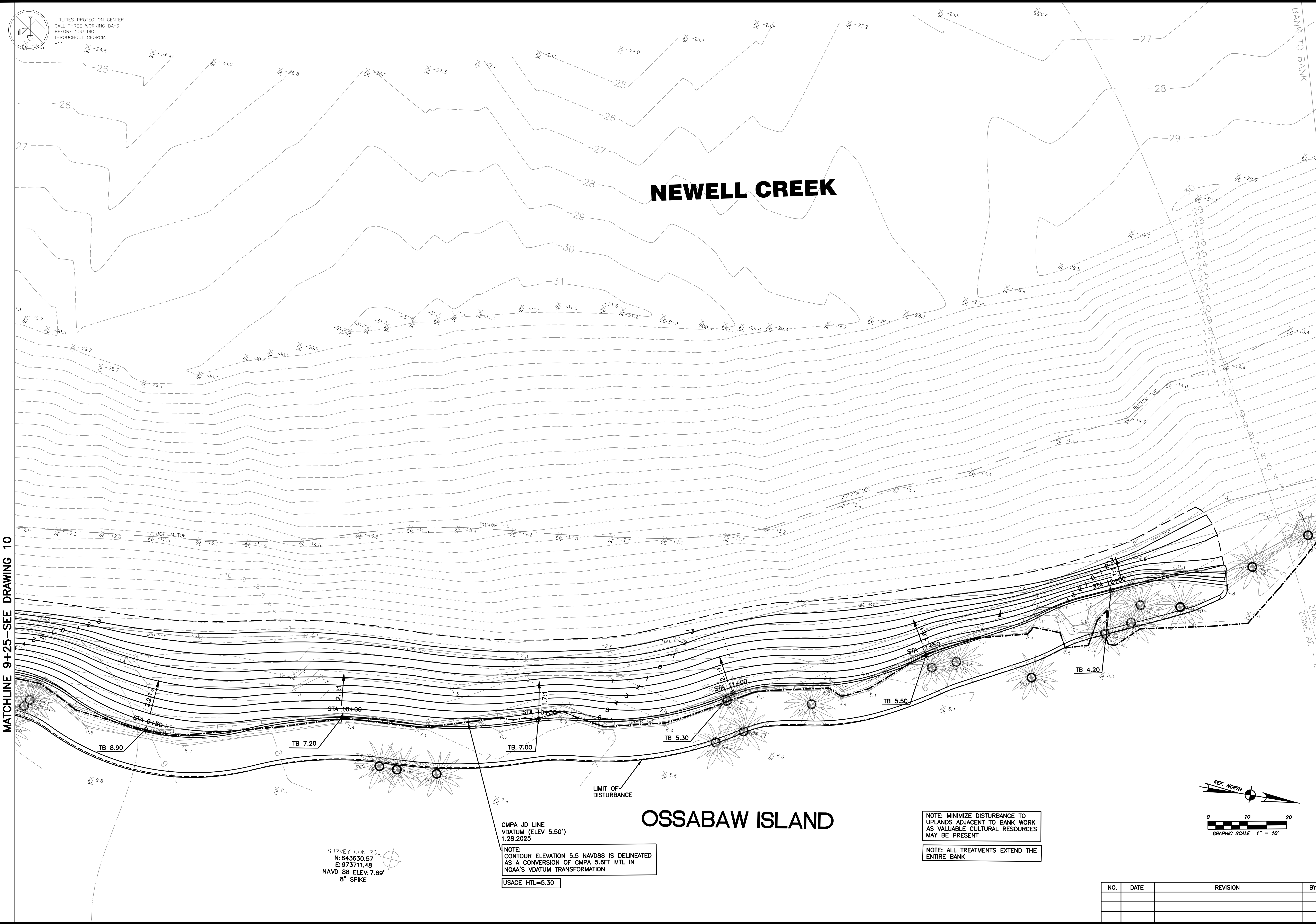
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GRADING PLAN



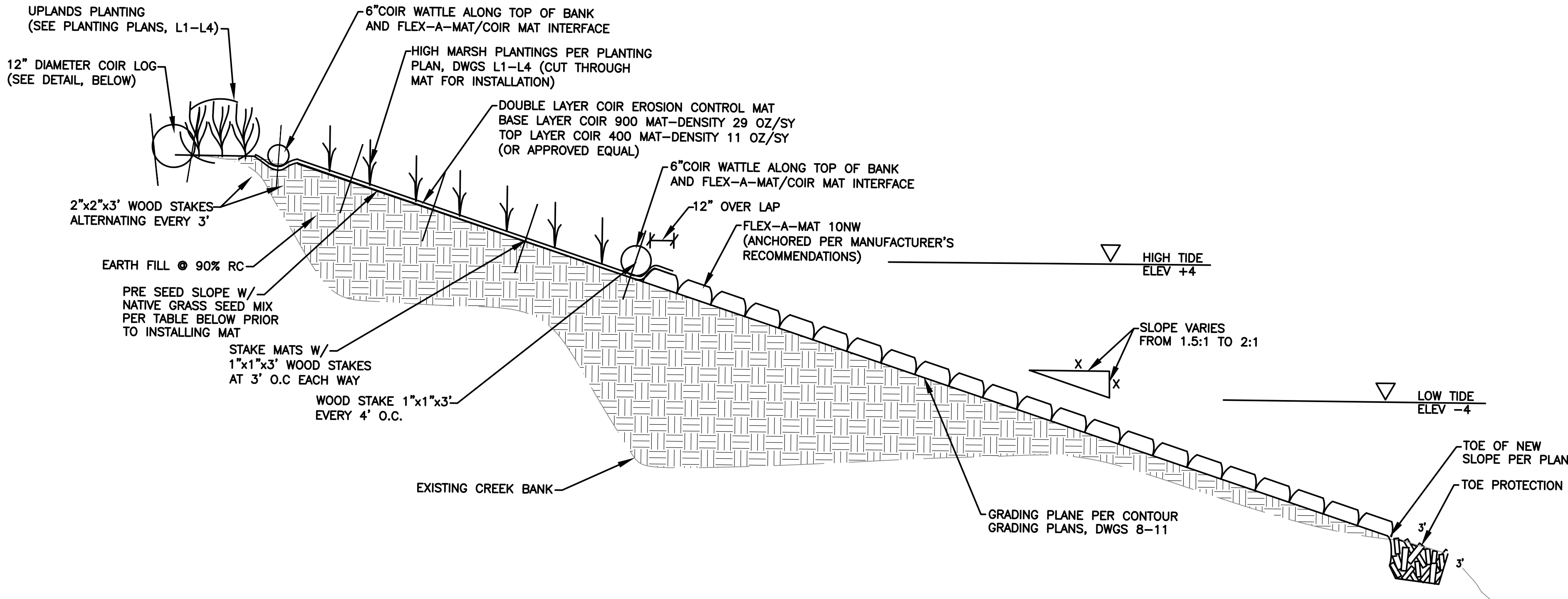
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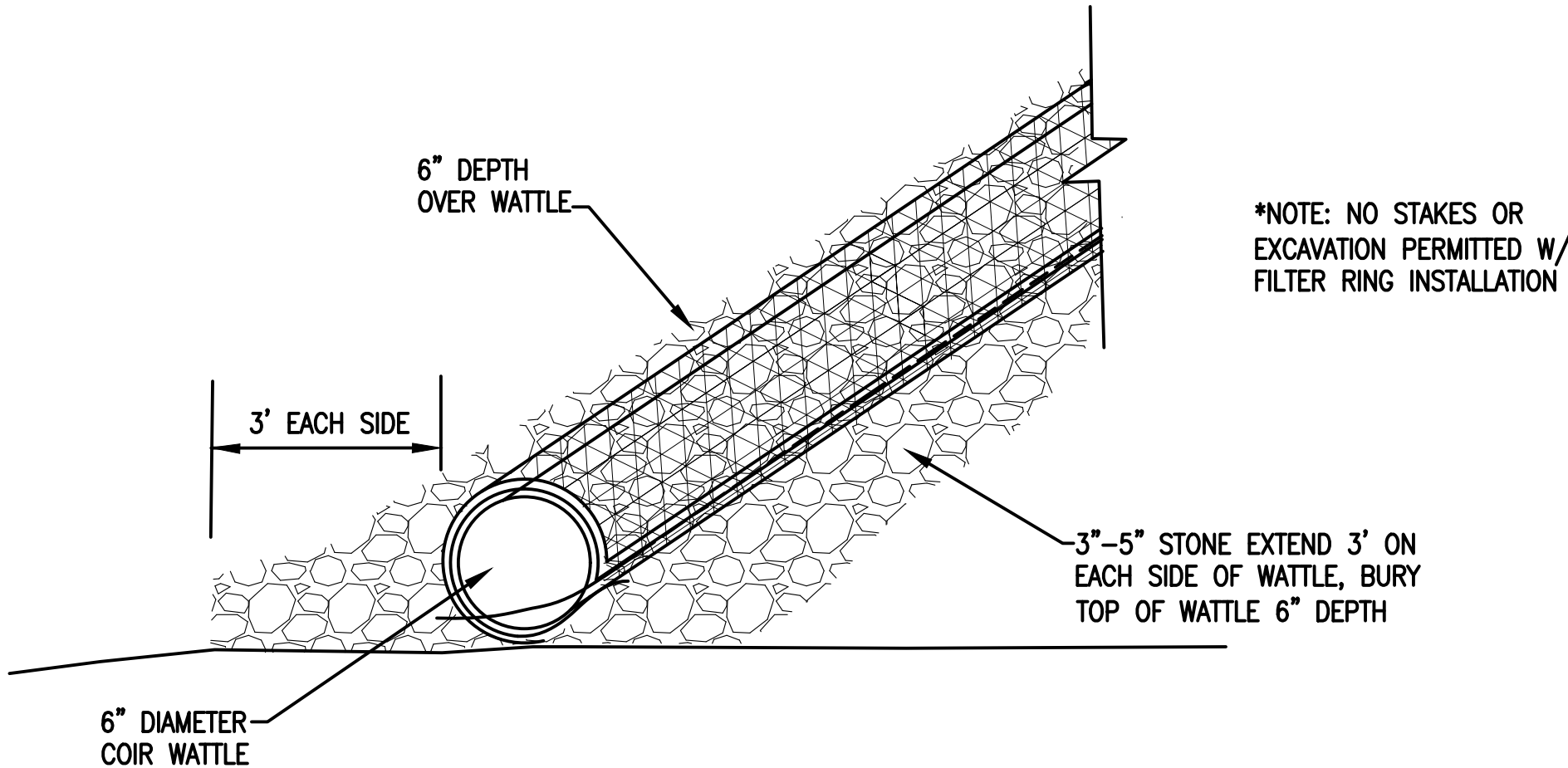
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GENERAL NOTES

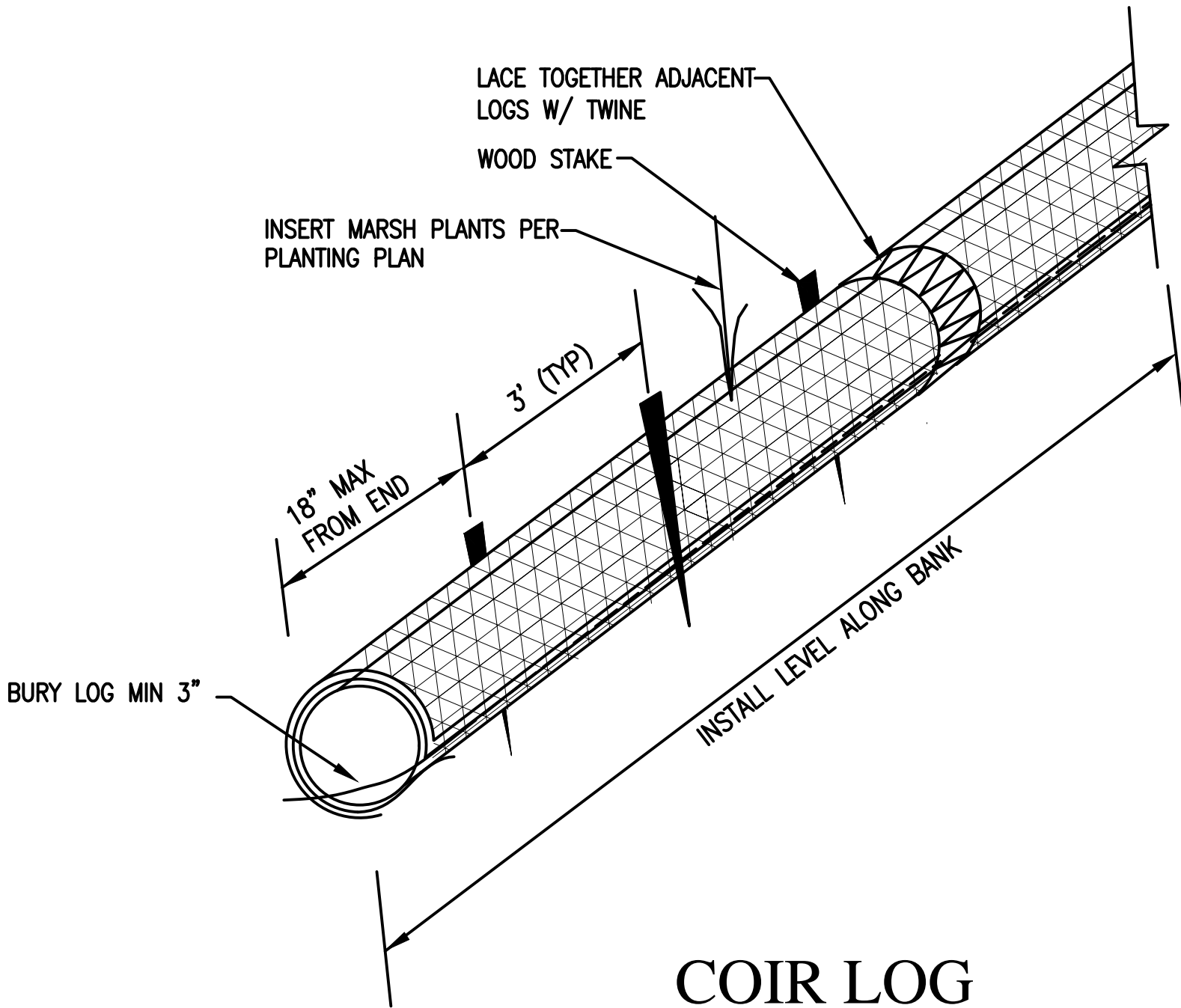
1. THE TOE OF SLOPE ELEVATION WILL VARY ALONG THE LENGTH OF THE BANK. THE EXISTING GRADE IS IRREGULAR AND WILL BE MATCHED AT TOP AND BOTTOM.
2. UTILITIES MAY EXIST WHICH ARE NOT SHOWN ON THE PLANS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING ALL UTILITY COMPANIES HAVING UTILITIES WITHIN OR ADJACENT TO THE WORK AREA. THE CONTRACTOR SHALL HAVE THE UTILITIES FIELD LOCATED AND COORDINATE WITH UTILITY COMPANIES TO HAVE THEM RELOCATED AND/OR ADAPTED FOR THE TIE-INS. IN ADDITION, CONTRACTOR IS REQUIRED TO CONTACT THE UTILITIES PROTECTION CENTER OF GEORGIA AT 1-800-282-7411 PRIOR TO ANY CLEARING OR EXCAVATION.
3. ALL VEGETATION (UNLESS OTHERWISE NOTED), ORGANICS AND UNSUITABLE BEARING SOILS SHALL BE STRIPPED FROM THE SURFACE WITHIN THE LIVING SHORELINE FOOTPRINT AND DISPOSED OF LEGALLY OFFSITE. ANY TEMPORARY STOCKPILES SHALL BE LOCATED ADJACENT TO THE CONSTRUCTION AREA, SEEDED AND SURROUNDED BY SILT FENCE. NOTE THAT THE MAXIMUM SIZE OF THE AREA TO BE STRIPPED CAN BE NO LARGER THAN WHAT CAN BE STABILIZED IN ONE DAY.
4. ALL VEGETATION, ROOT SYSTEMS, TOPSOIL, REFUSE AND OTHER DELETERIOUS, NON-SOIL MATERIAL, AND CLEAN TOPSOIL MAY BE STOCKPILED AND REUSED LATER IN LANDSCAPED AREAS.
5. THE CONTRACTOR SHALL LEAVE THE SITE IN A CLEAN AND NEAT CONDITION. ALL DEBRIS, VEGETATION WHICH HAS BEEN REMOVED, LUMBER, CONCRETE, AND WASTE FROM DEMOLITION ETC., WHICH IS NOT TO BE REUSED, SHALL BE REMOVED FROM THE SITE AND PROPERLY DISCARDED.
6. CONTRACTOR SHALL PROTECT ALL ADJACENT LANDS, UTILITIES, AND STRUCTURES FROM DAMAGE DURING CONSTRUCTION. ANY AREAS DISTURBED BEYOND THE LIVING SHORELINE SHALL BE RETURNED TO A CONDITION EQUAL TO OR BETTER THAN THE EXISTING CONDITION.
7. FILL MATERIAL SHALL BE FROM OSSABAW ISLAND BORROW ISLAND AS SPECIFIED BY GADNR.
8. MAX CUT OR FILL SLOPES SHALL BE 1.5:1 (H:V), EXCEPTING TRANSITION AREAS AT ENDS OF PROJECT.
9. EQUIPMENT, MATERIALS AND CONSTRUCTION VEHICLES SHALL BE PLACED IN AREAS DESIGNATED BY THE OWNER. CONSTRUCTION AND STORAGE AREAS SHALL BE KEPT NEAT AND CLEAN. TREE SAVE AREAS SHALL NOT BE USED FOR STORAGE OR PARKING.
10. THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF ANY DISCREPANCIES BETWEEN PLAN AND FIELD CONDITIONS PROMPTLY UPON DISCOVERY. ANY CONFLICT OR DISCREPANCIES DISCOVERED WITHIN THE CONSTRUCTION PLANS SHALL BE REPORTED IMMEDIATELY TO THE ENGINEER FOR CLARIFICATION.
11. LIMIT THE LENGTH OF EXISTING STREAM BANK THAT IS EXCAVATED TO PROPOSED GRADE TO THAT WHICH CAN BE STABILIZED IN ONE DAYS WORK (8 HRS.)
12. TIDAL FLUCTUATION AVERAGES 8.2 FEET.
13. ANY BARGES LEFT IN THE CREEK ADJACENT TO THE PROJECT SITE SHALL BE LIT TO BE VISIBLE AT NIGHT WHEN APPROACHED FROM ANY DIRECTION.
14. TOP OF NEW CONCRETE TOE PROTECTION SHALL NOT PROTRUDE ABOVE EXISTING CREEK BANK AND HINDER NAVIGATION IN THE CHANNEL. RECYCLED CONCRETE SHALL NOT CONTAIN ANY FOREIGN MATERIALS, INCLUDING REBAR, WIRE, OR OTHER METALS, NOR ANY HAZARDOUS CHEMICALS THAT COULD BE DETRIMENTAL TO MARINE LIFE.



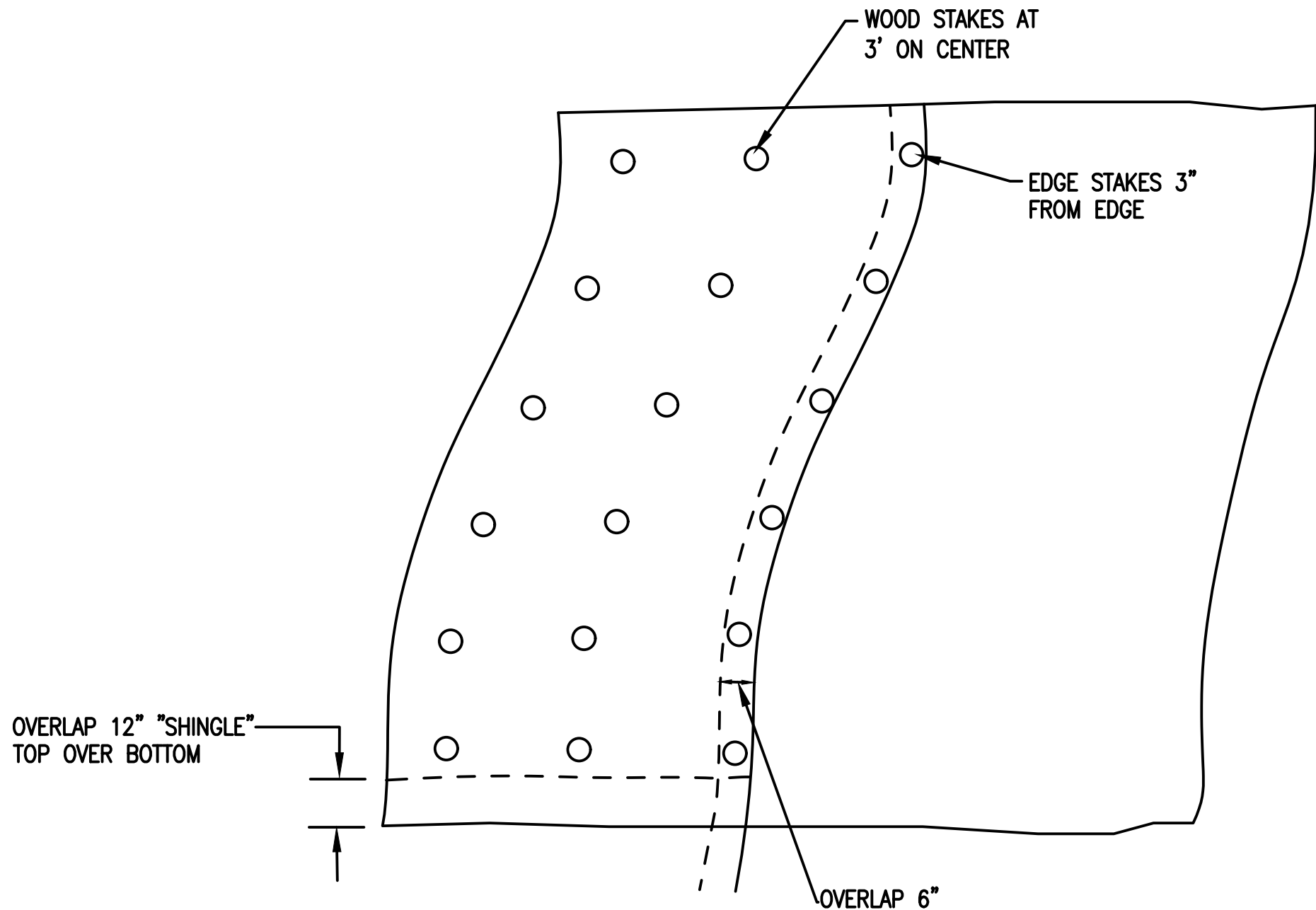
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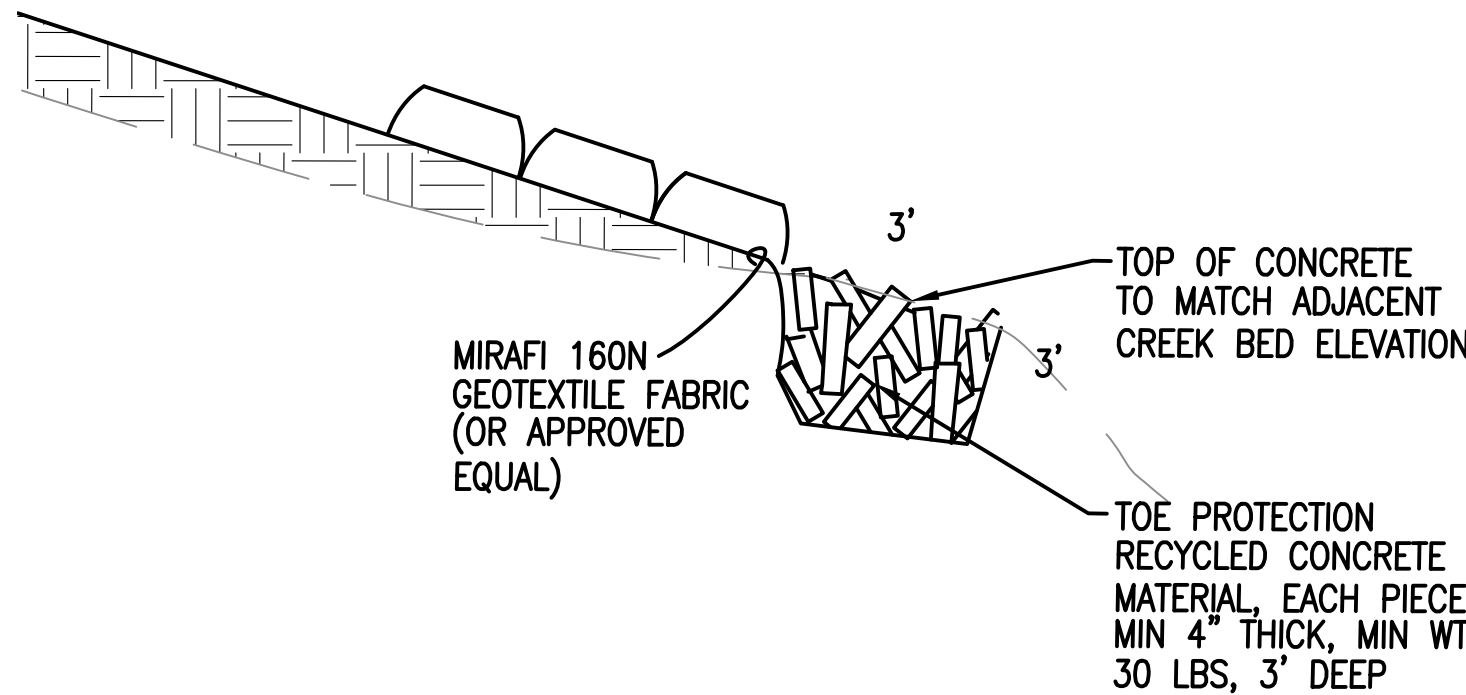
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COIR LOG
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EROSION CONTROL MAT
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TOE PROTECTION
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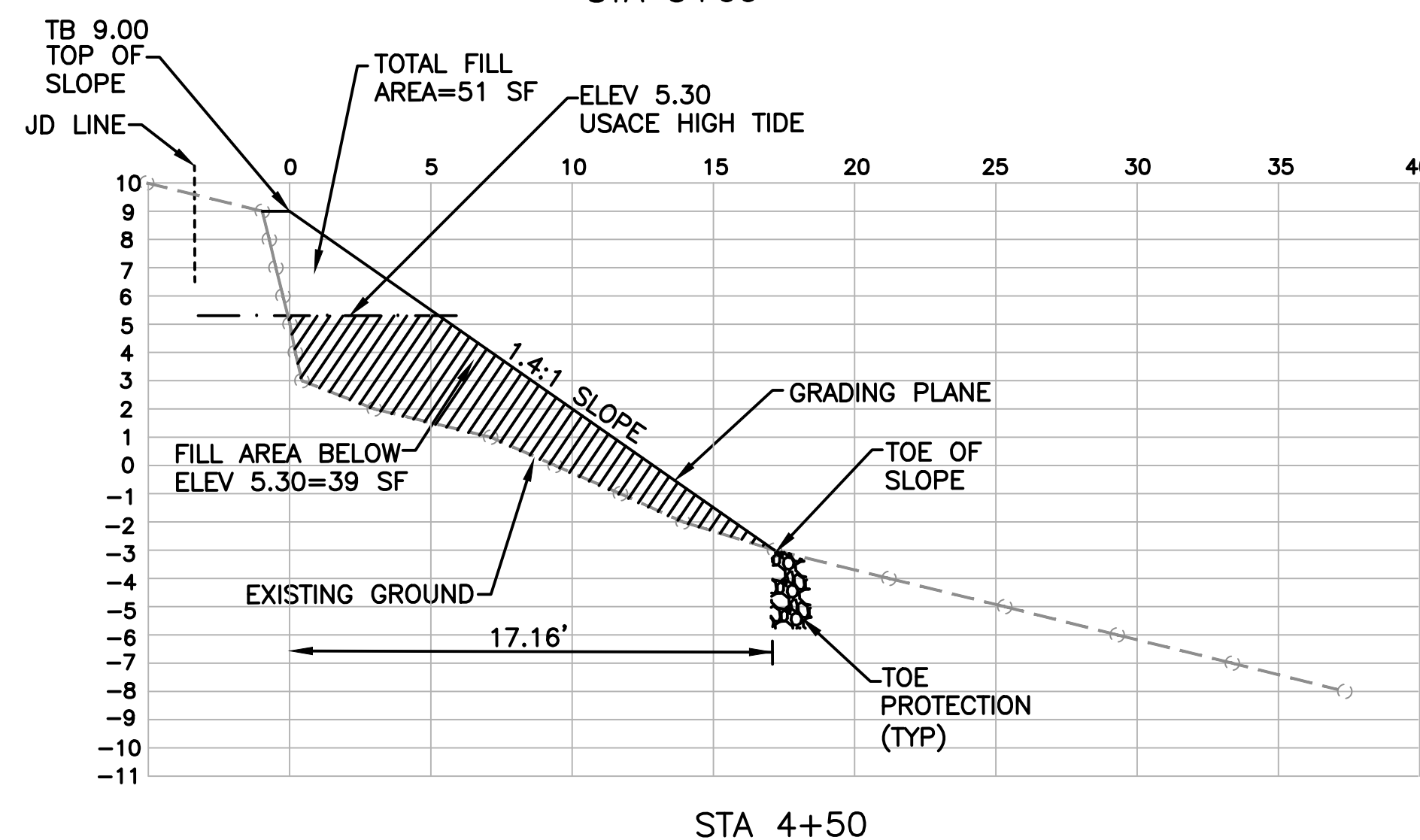
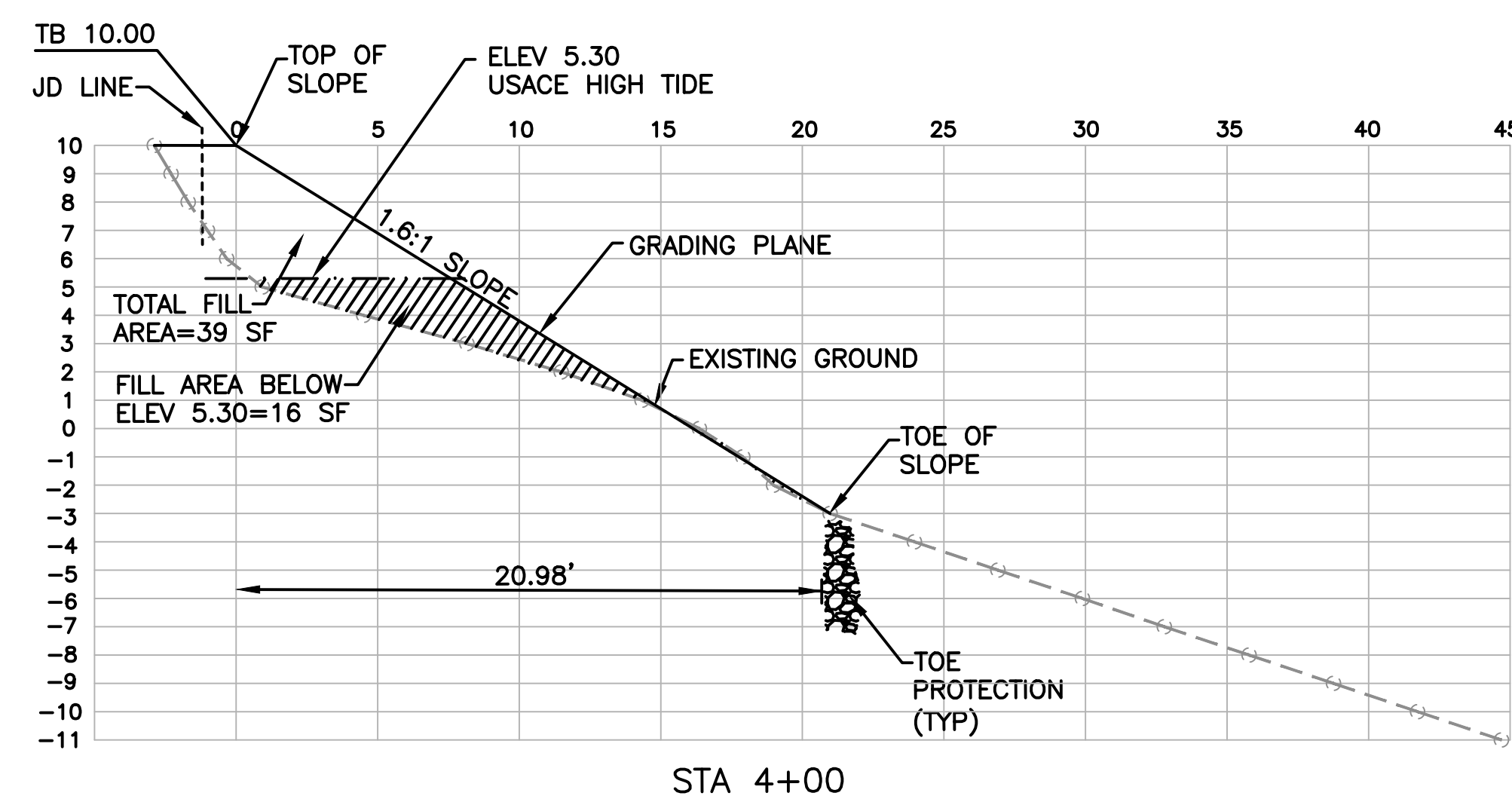
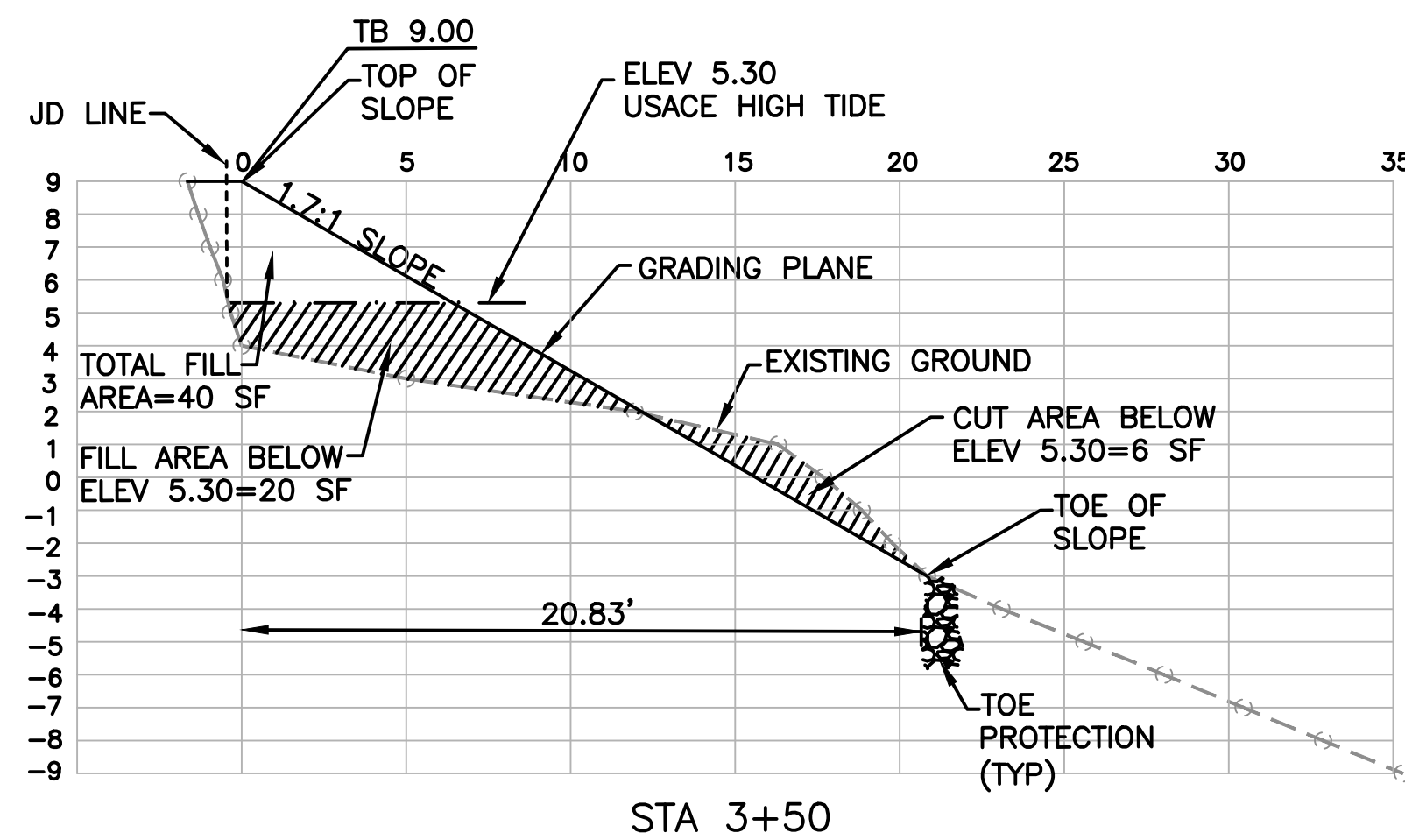
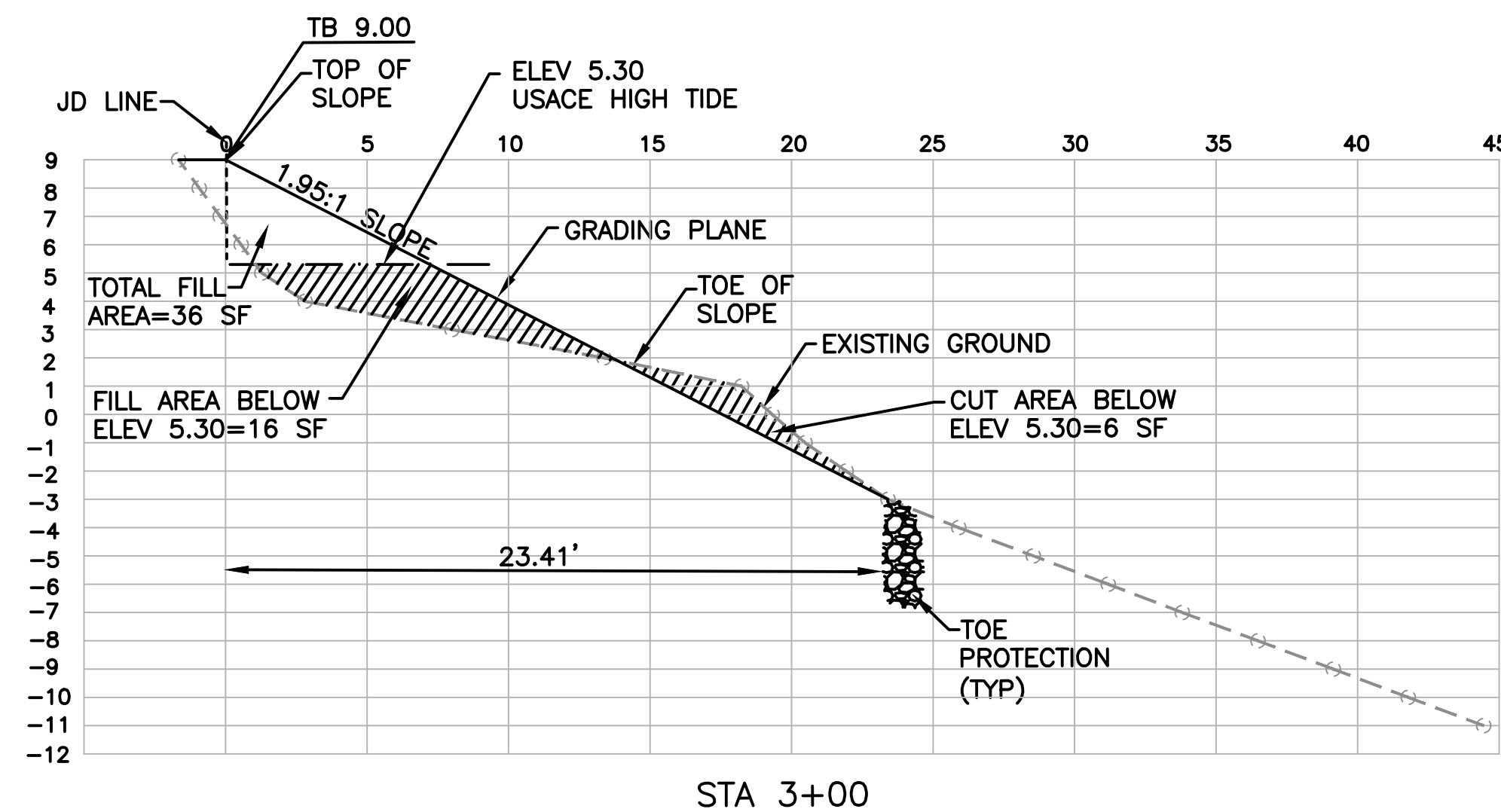
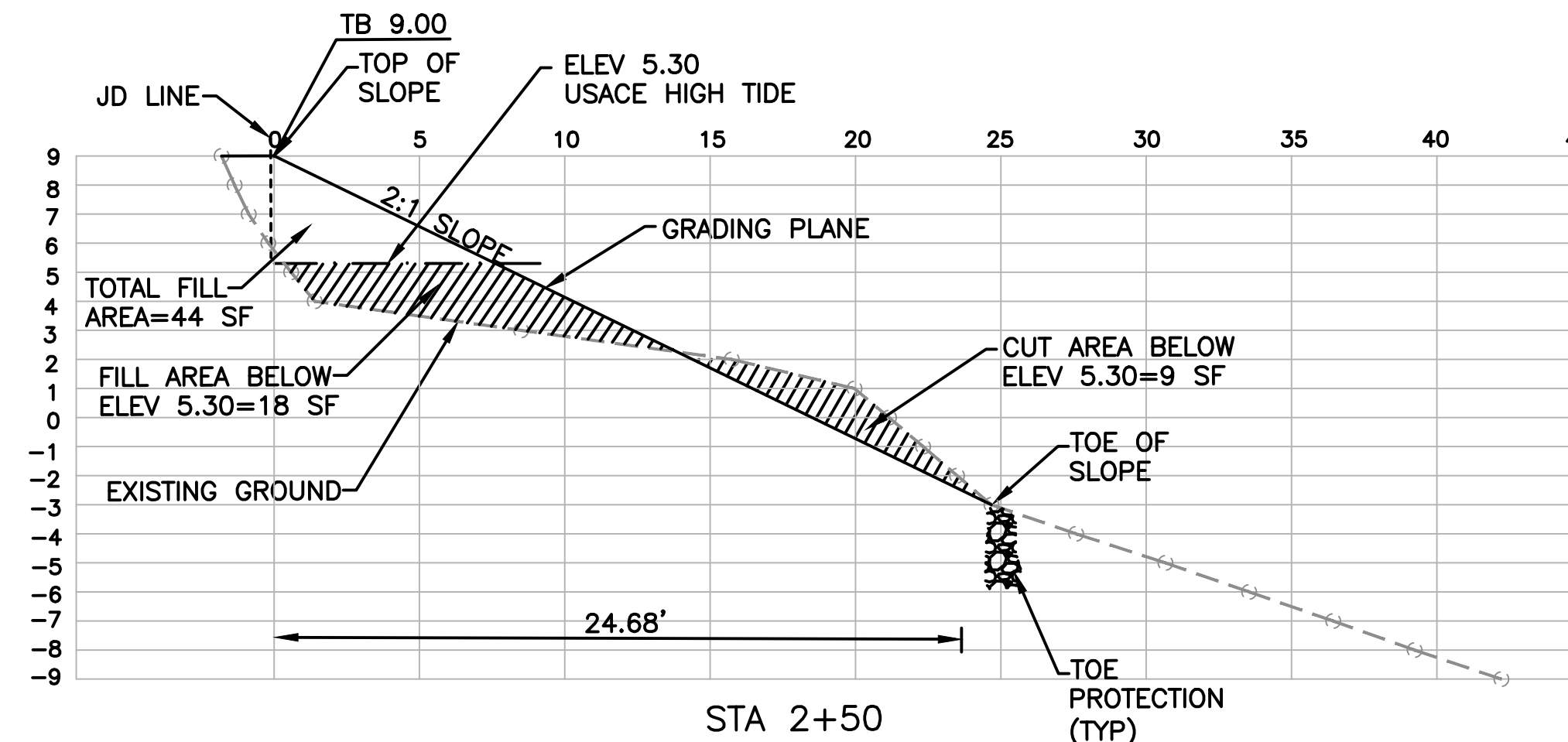
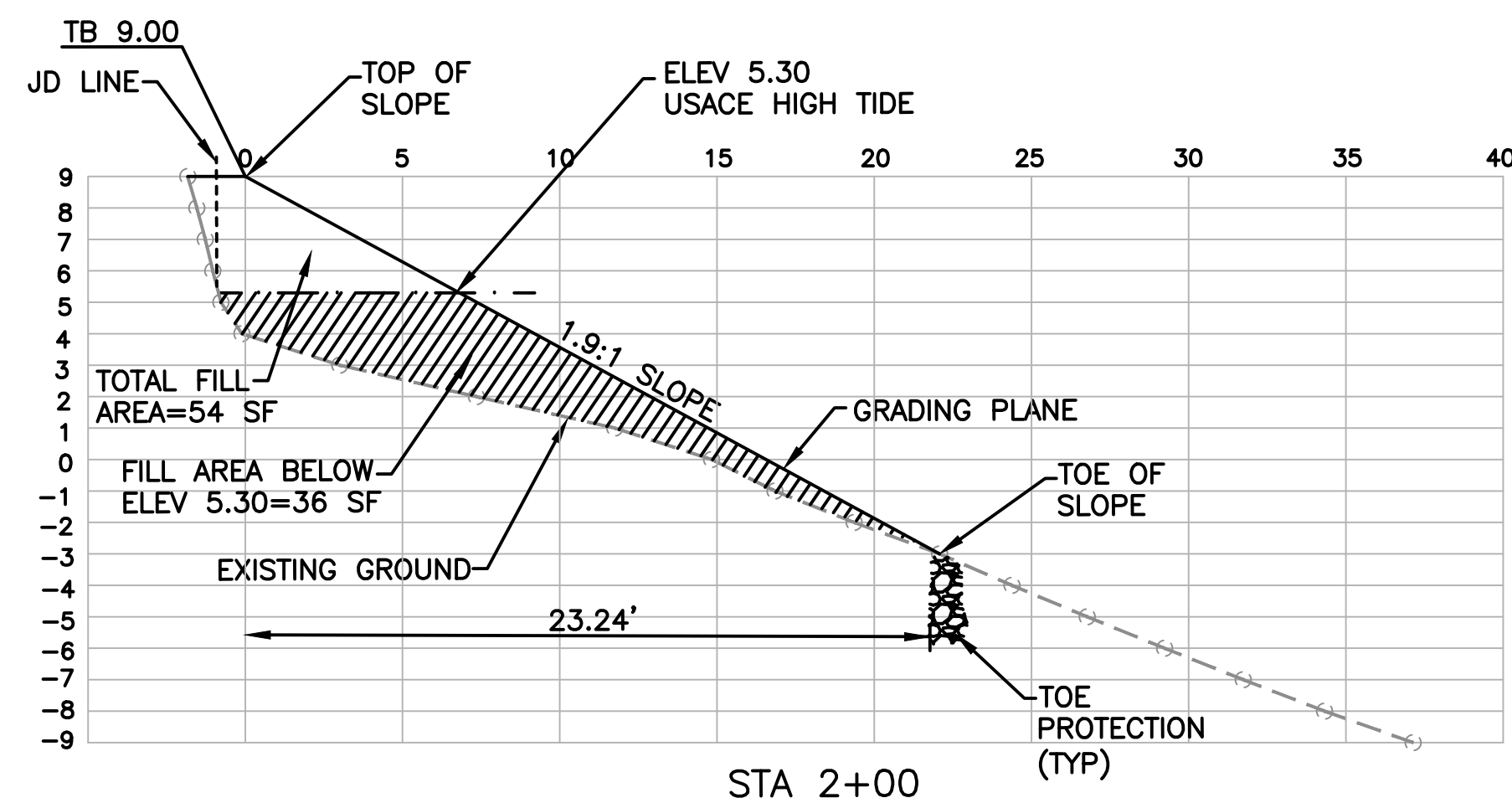
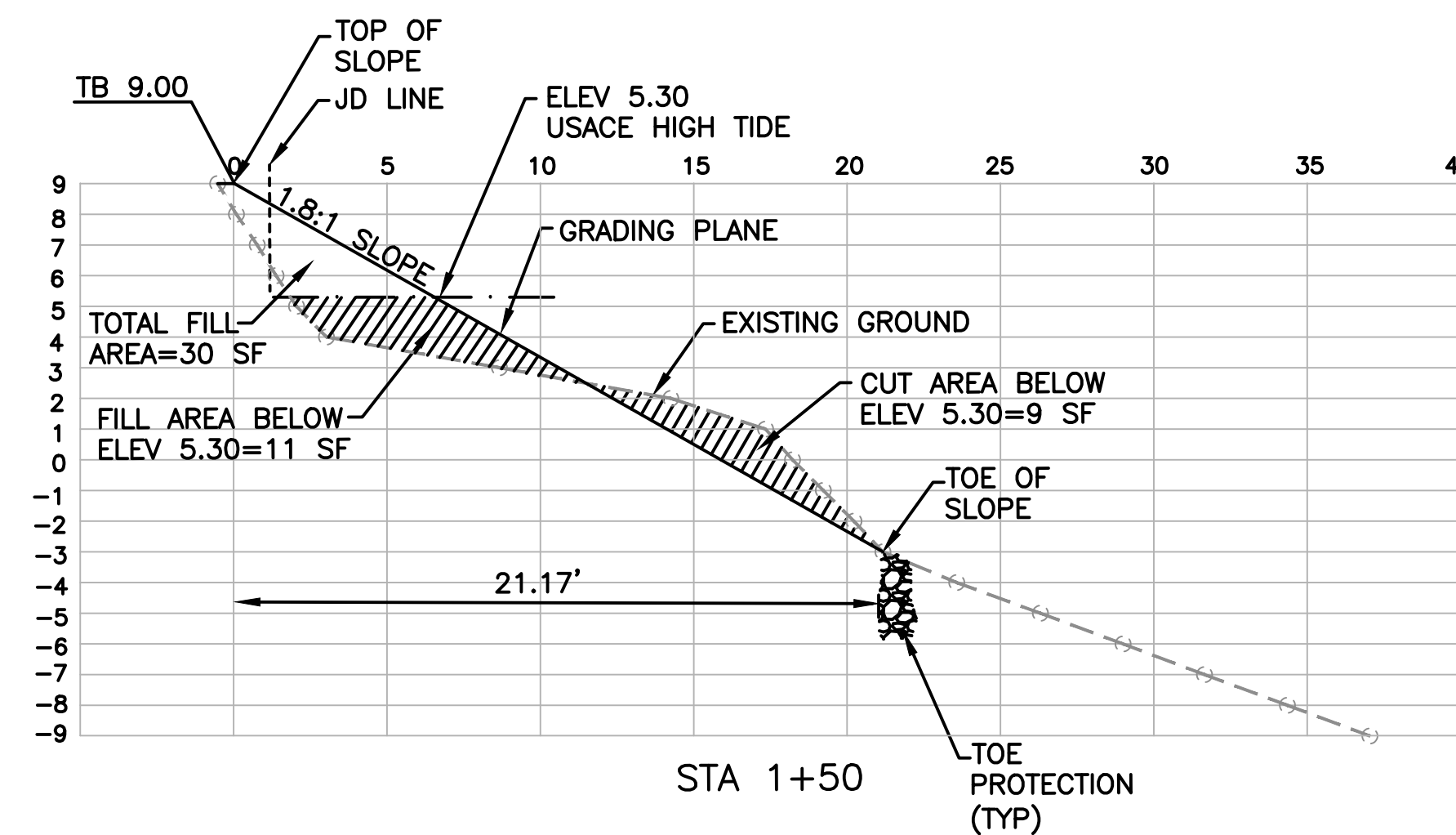
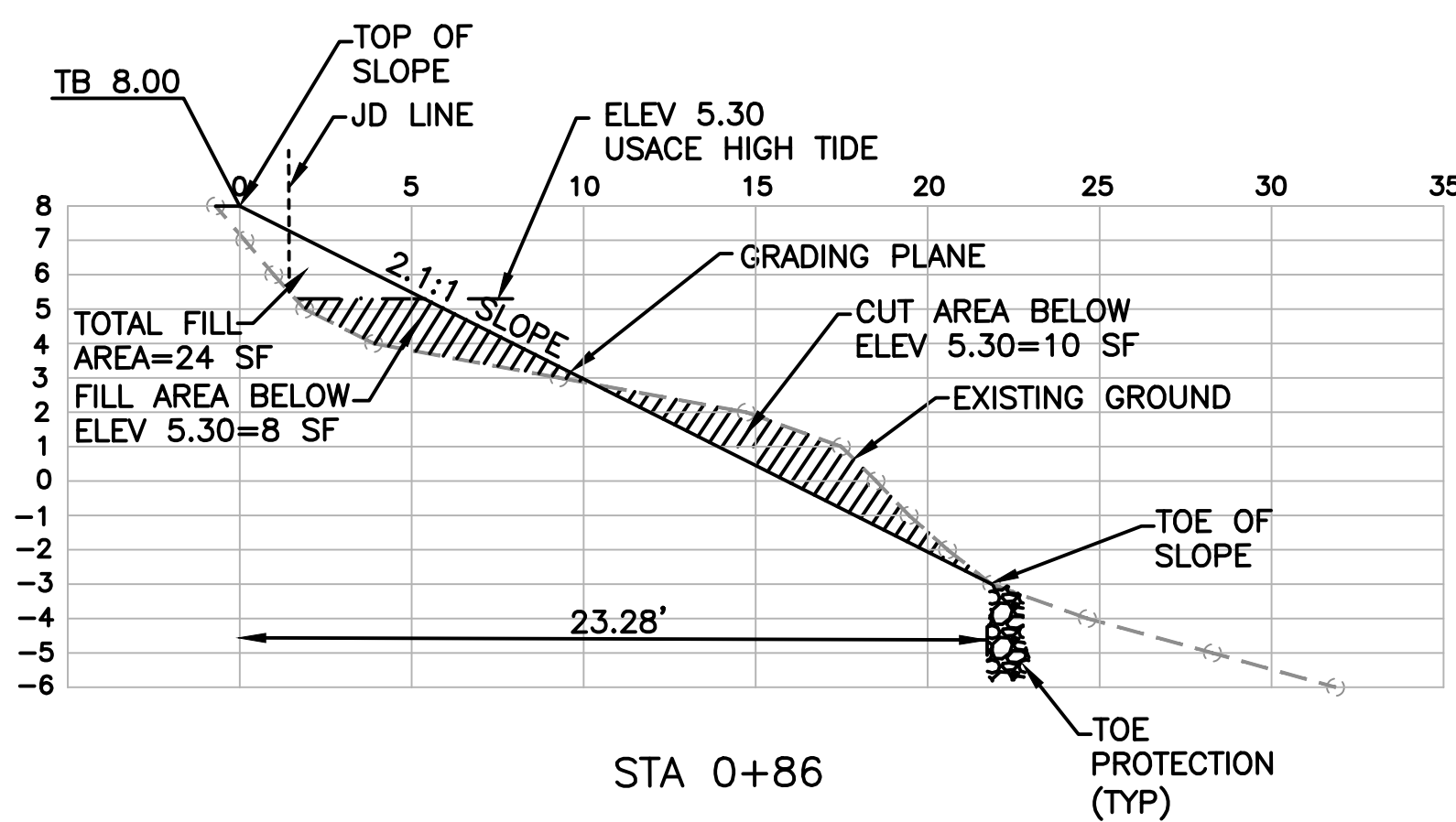
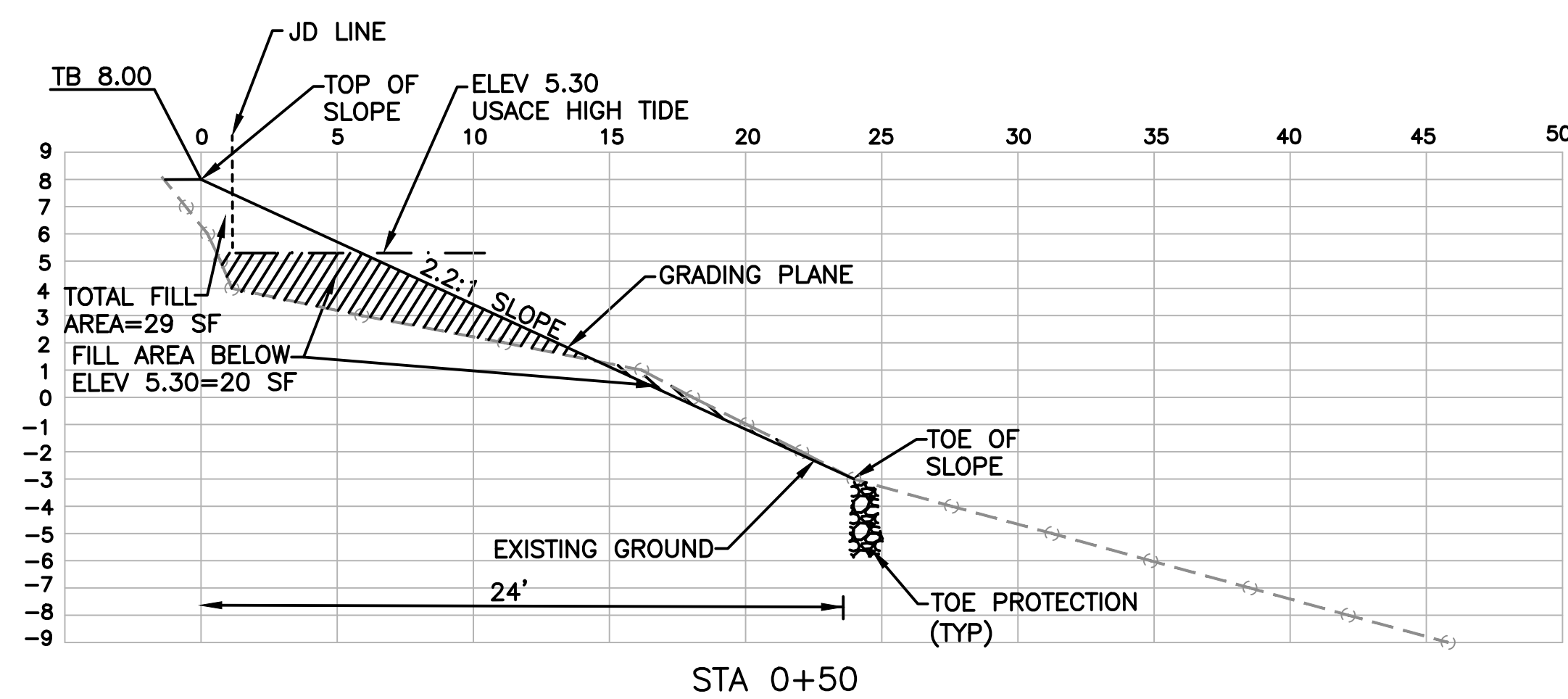
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OSSABAW ISLAND - LIVING SHORELINE
CHATHAM COUNTY
GEORGIA
MISCELLANEOUS DETAILS



DATE	2/17/26
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H 1"=5'
V 1"=5'

NO.	DATE	REVISION	BY



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CHATHAM COUNTY
GEORGIA

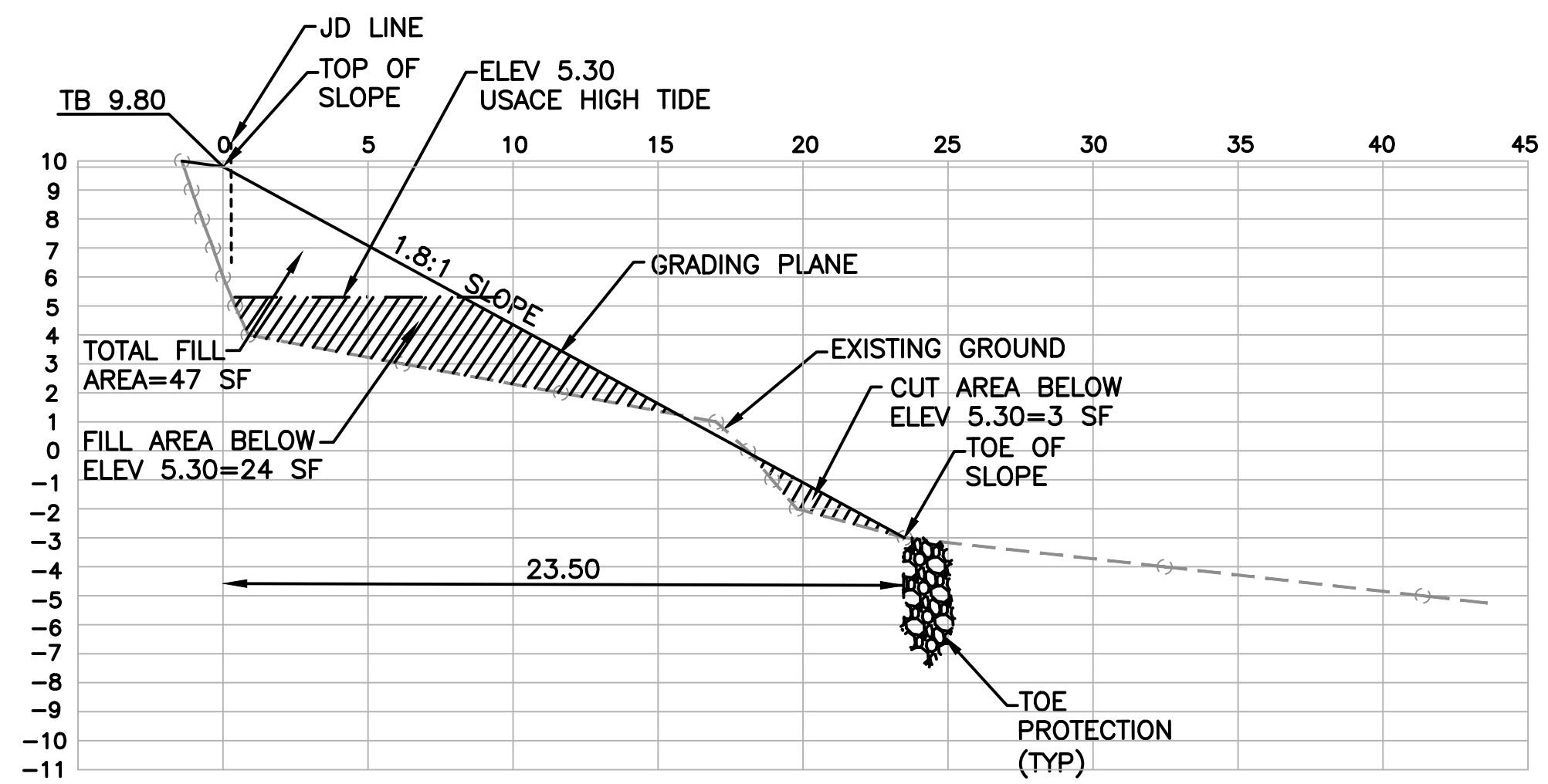
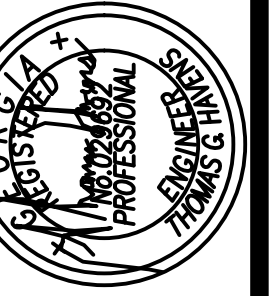
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Civil Engineering
3007 Avenue D, Marietta, GA 30066
Tel: 770.233.9402
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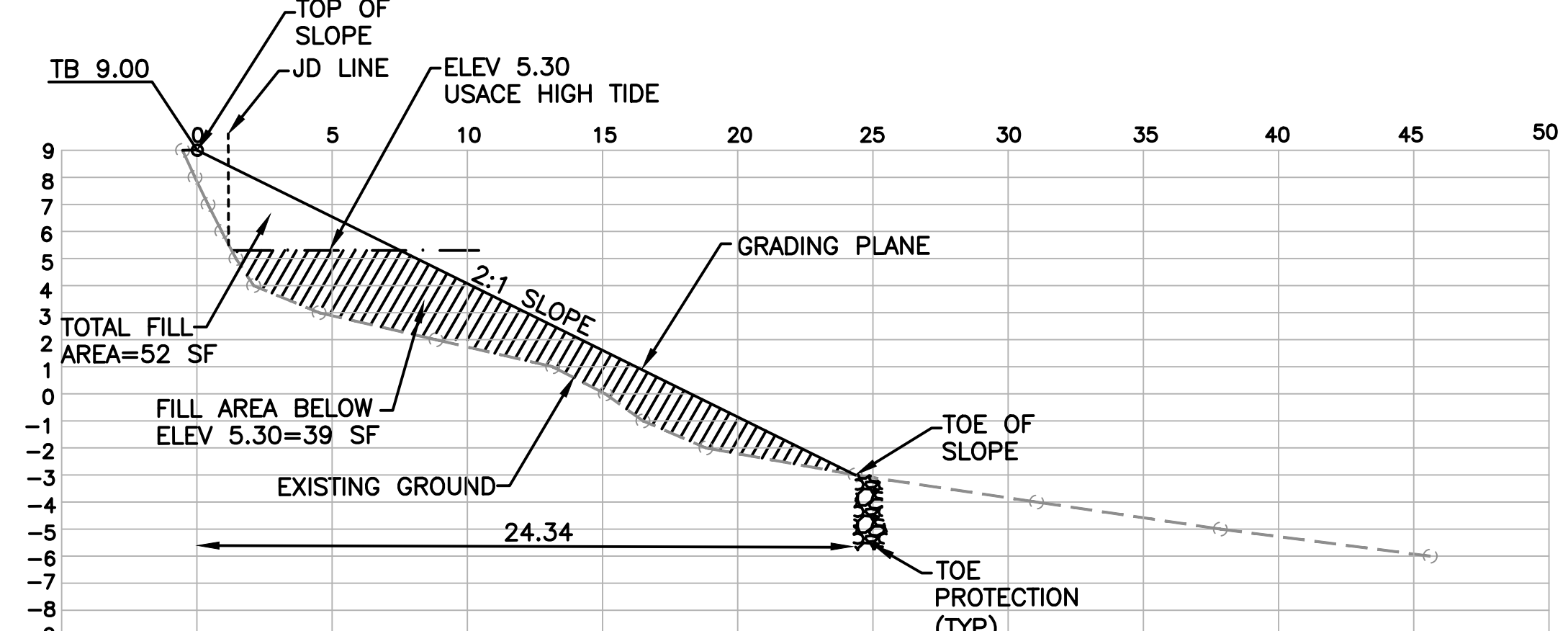
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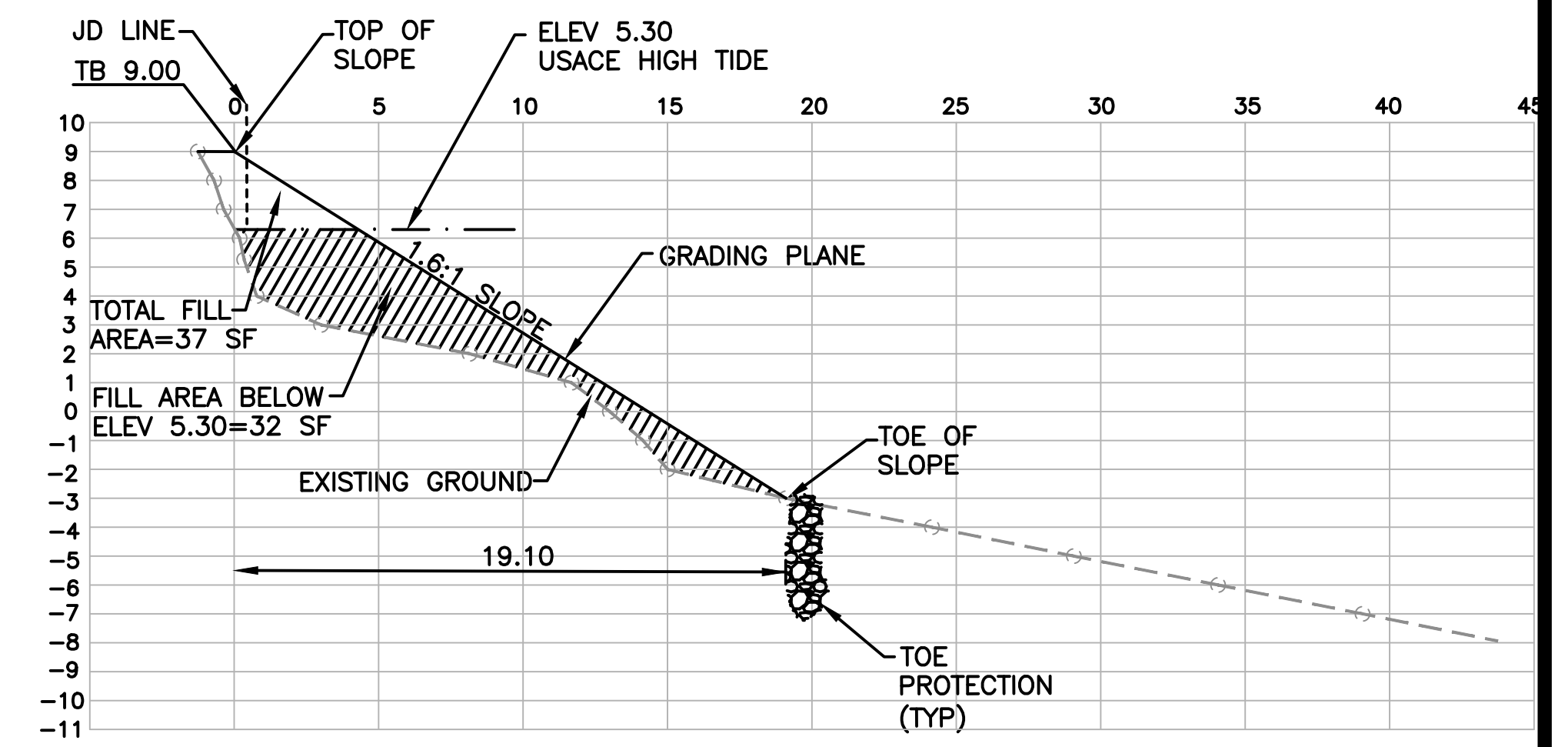
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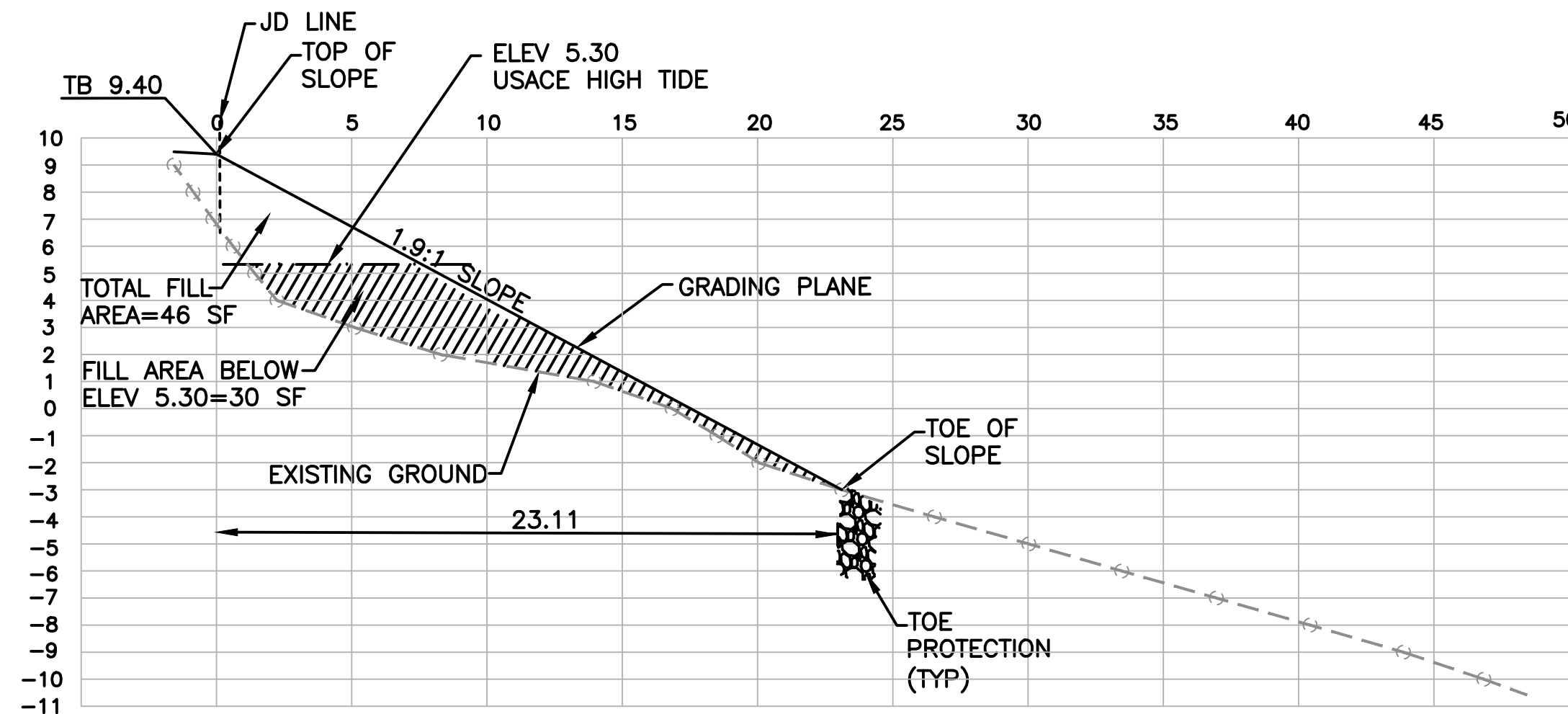
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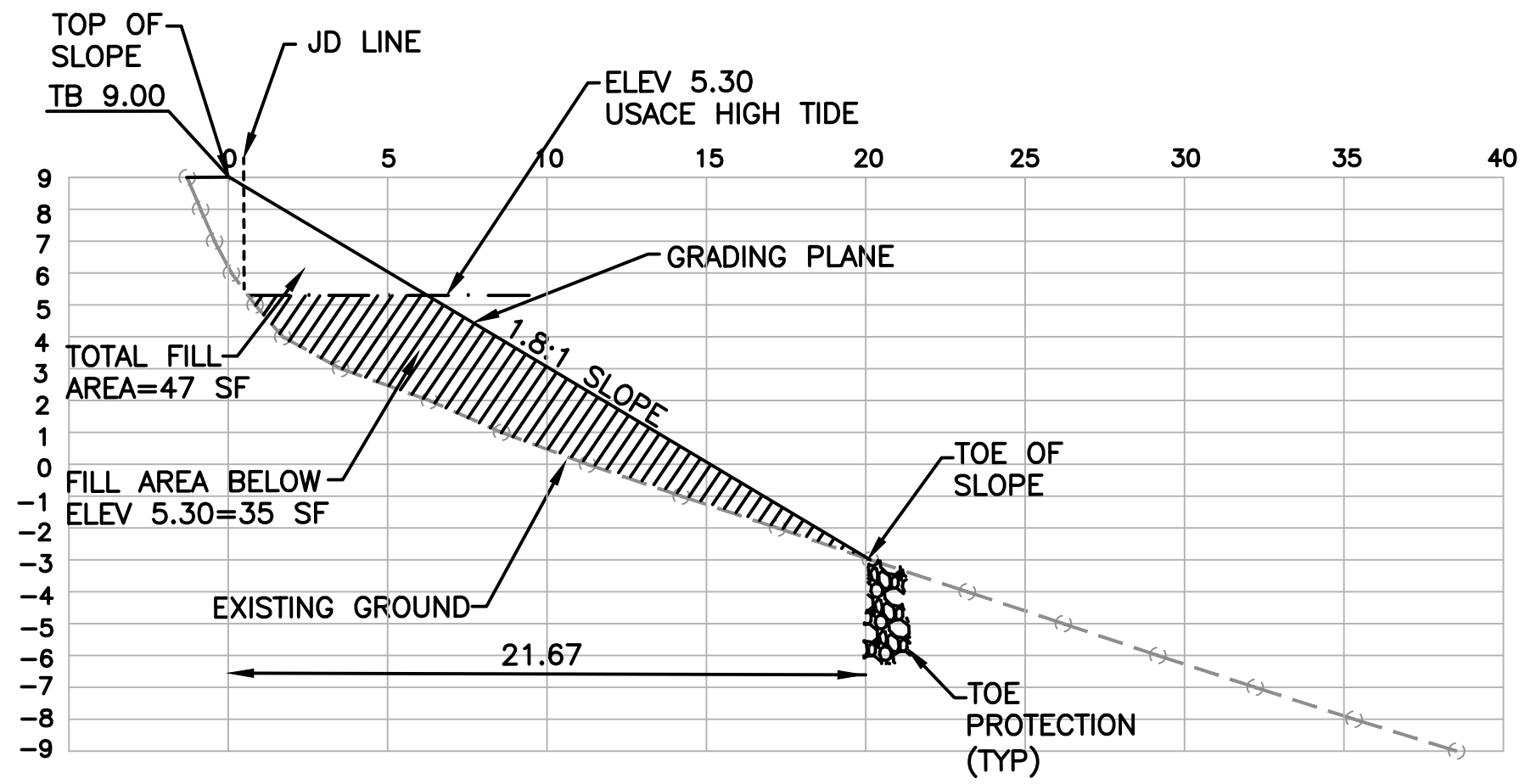
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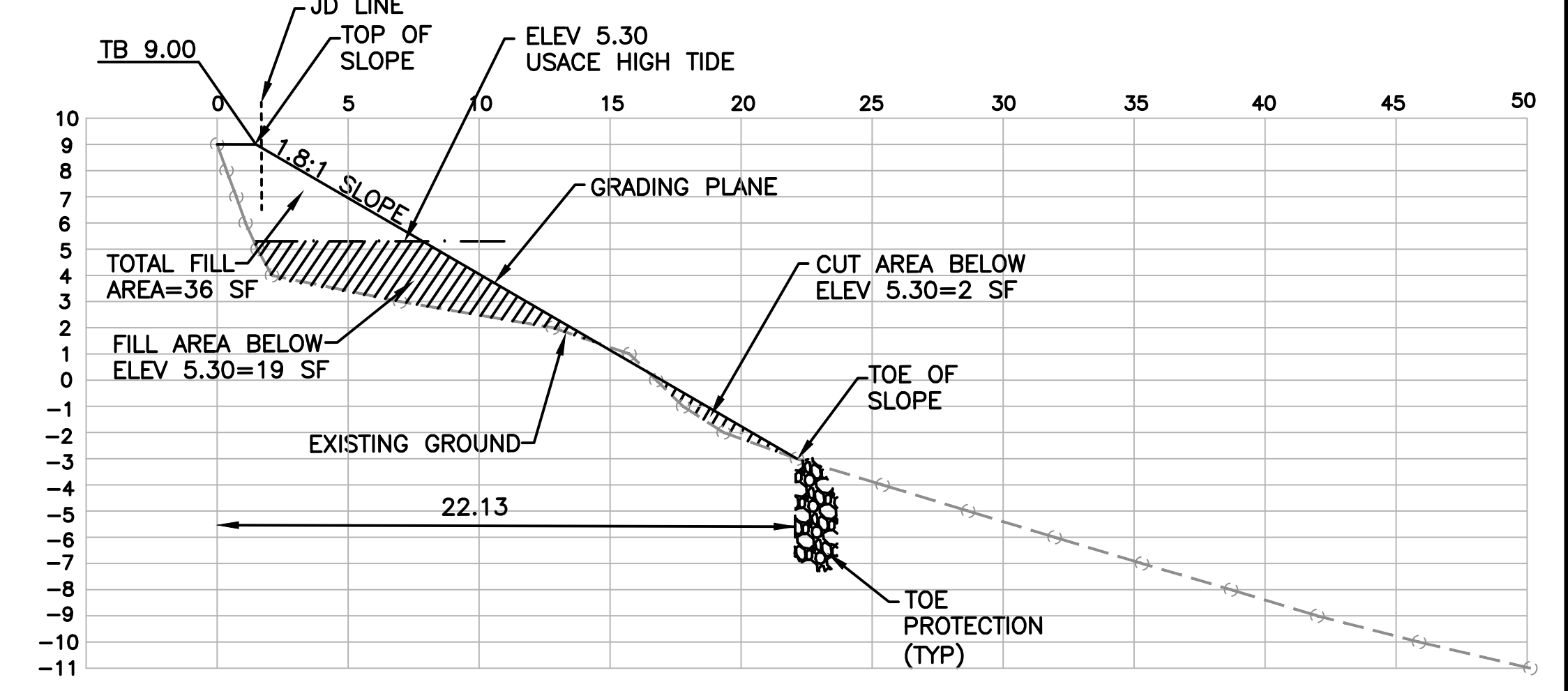
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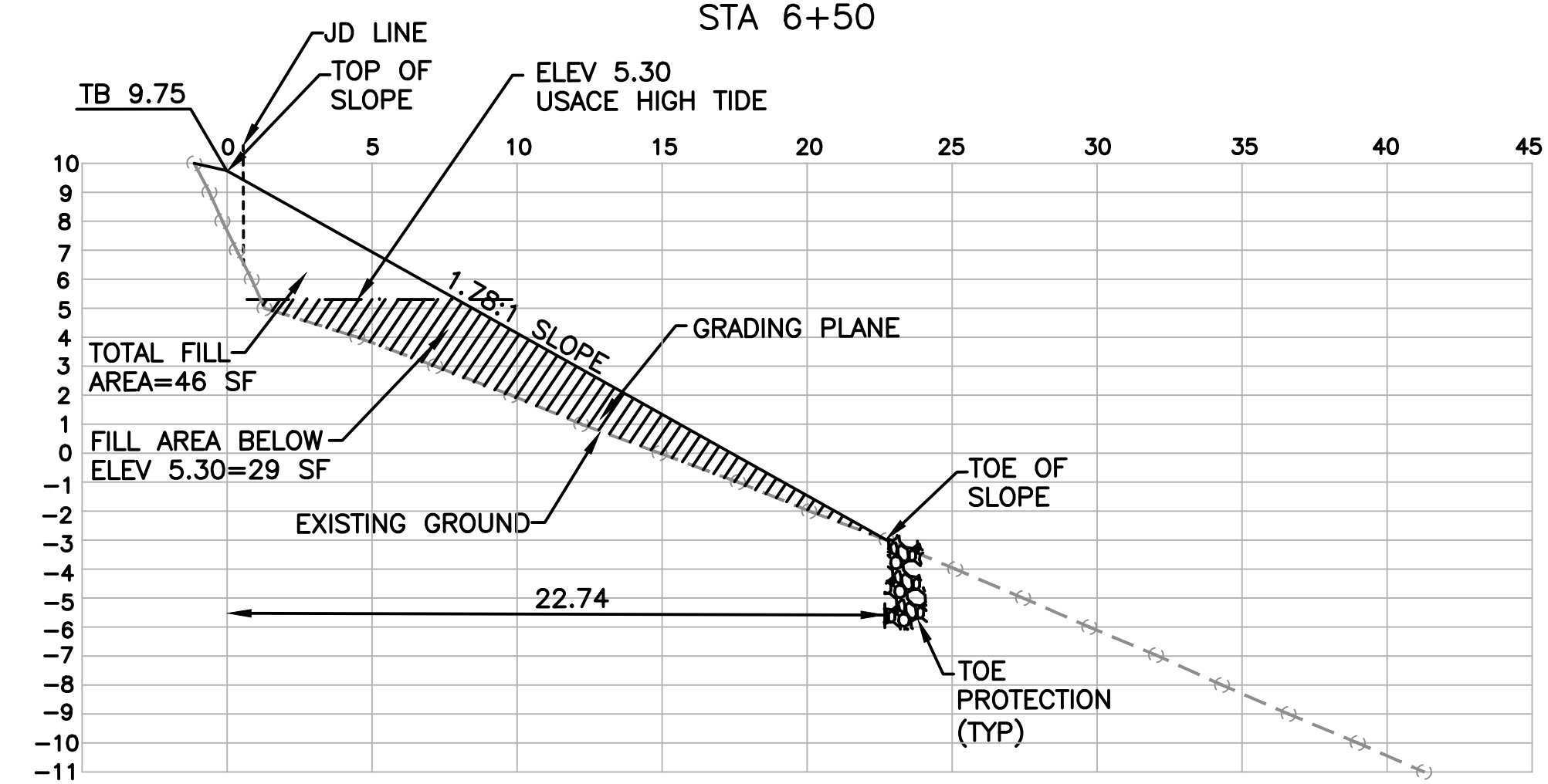
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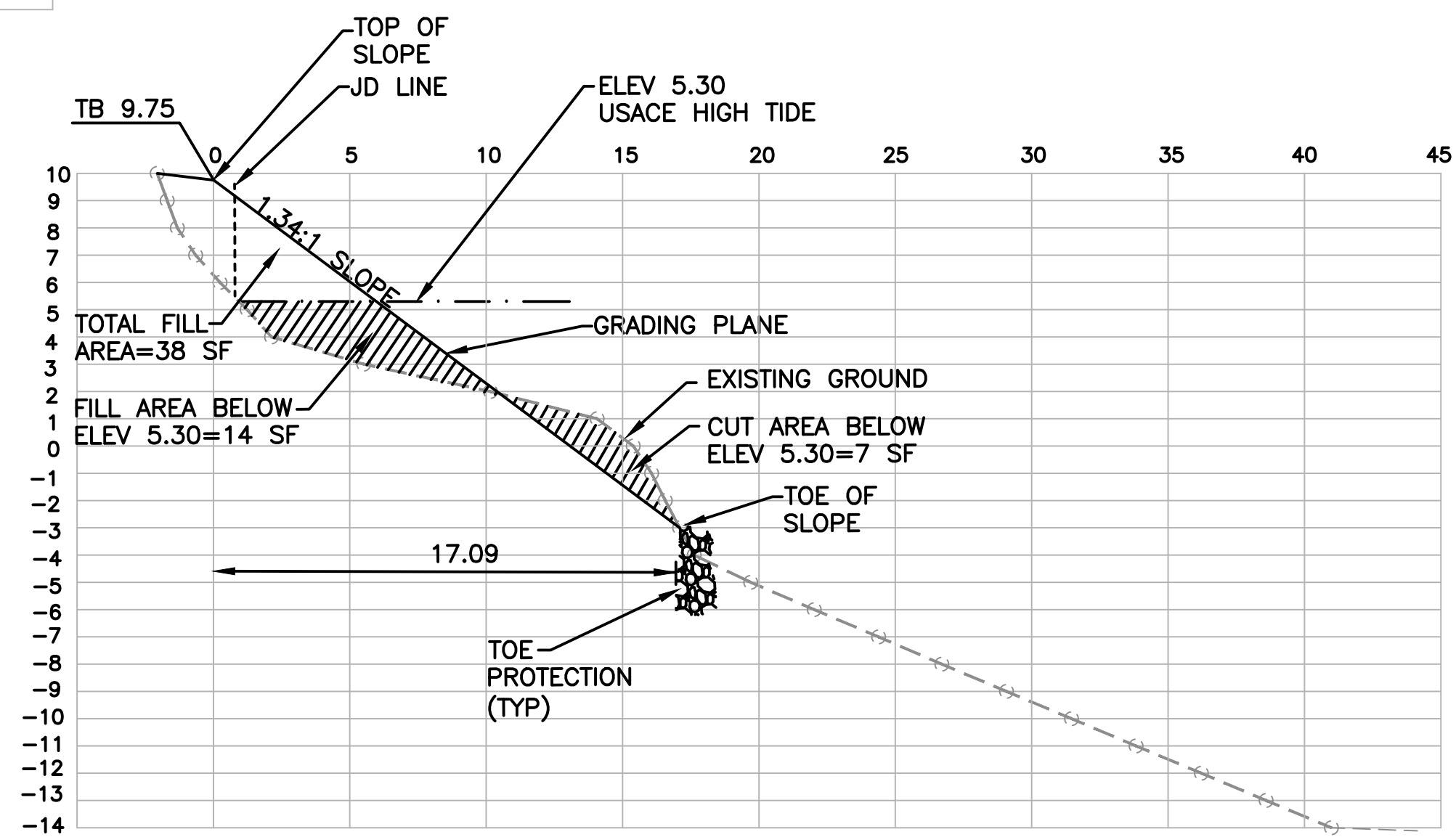
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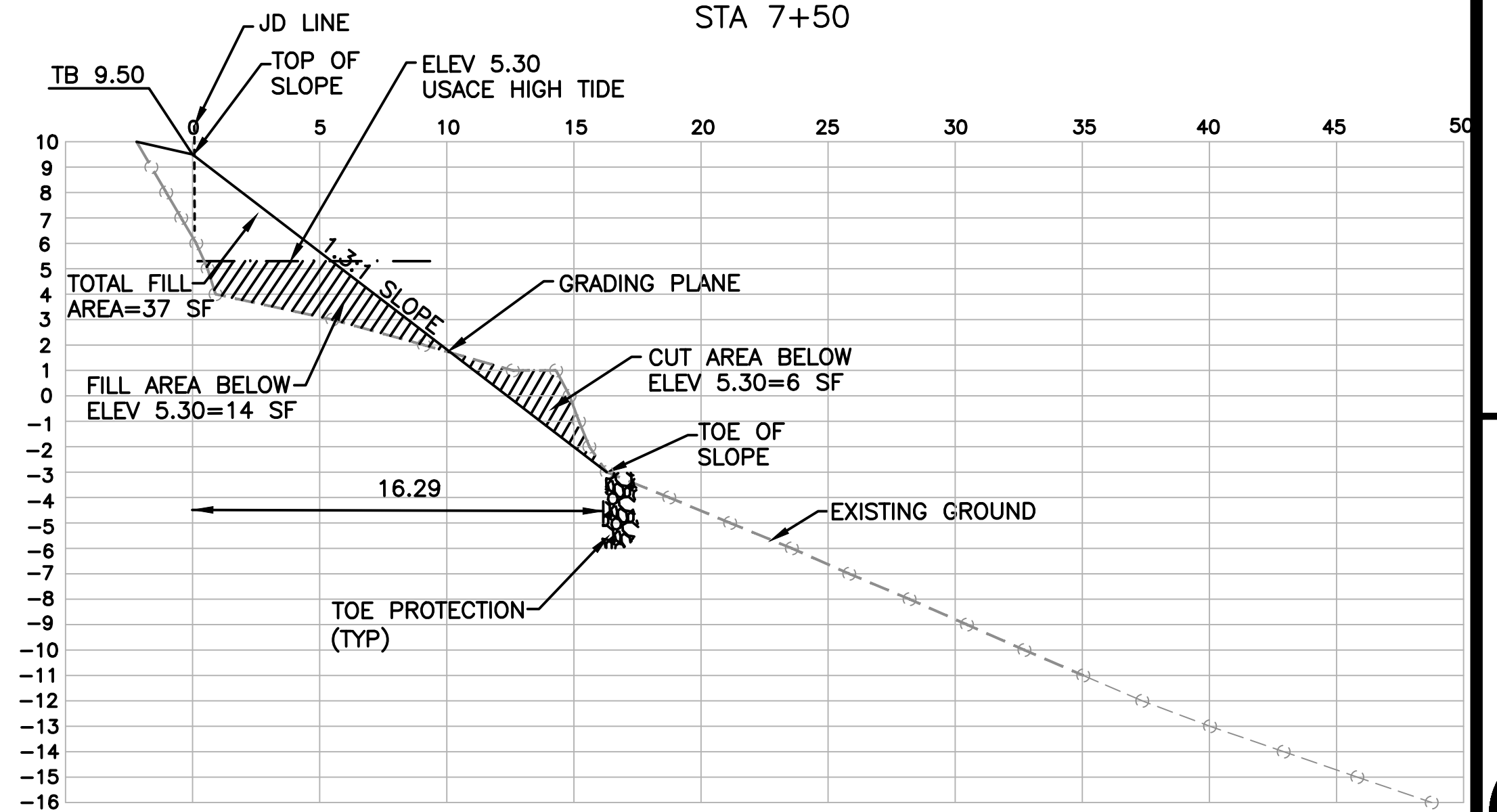
STA 7+50



STA 8+00



STA 8+50



STA 9+00

H 1"=5'
V 1"=5'

NO.	DATE	REVISION	BY



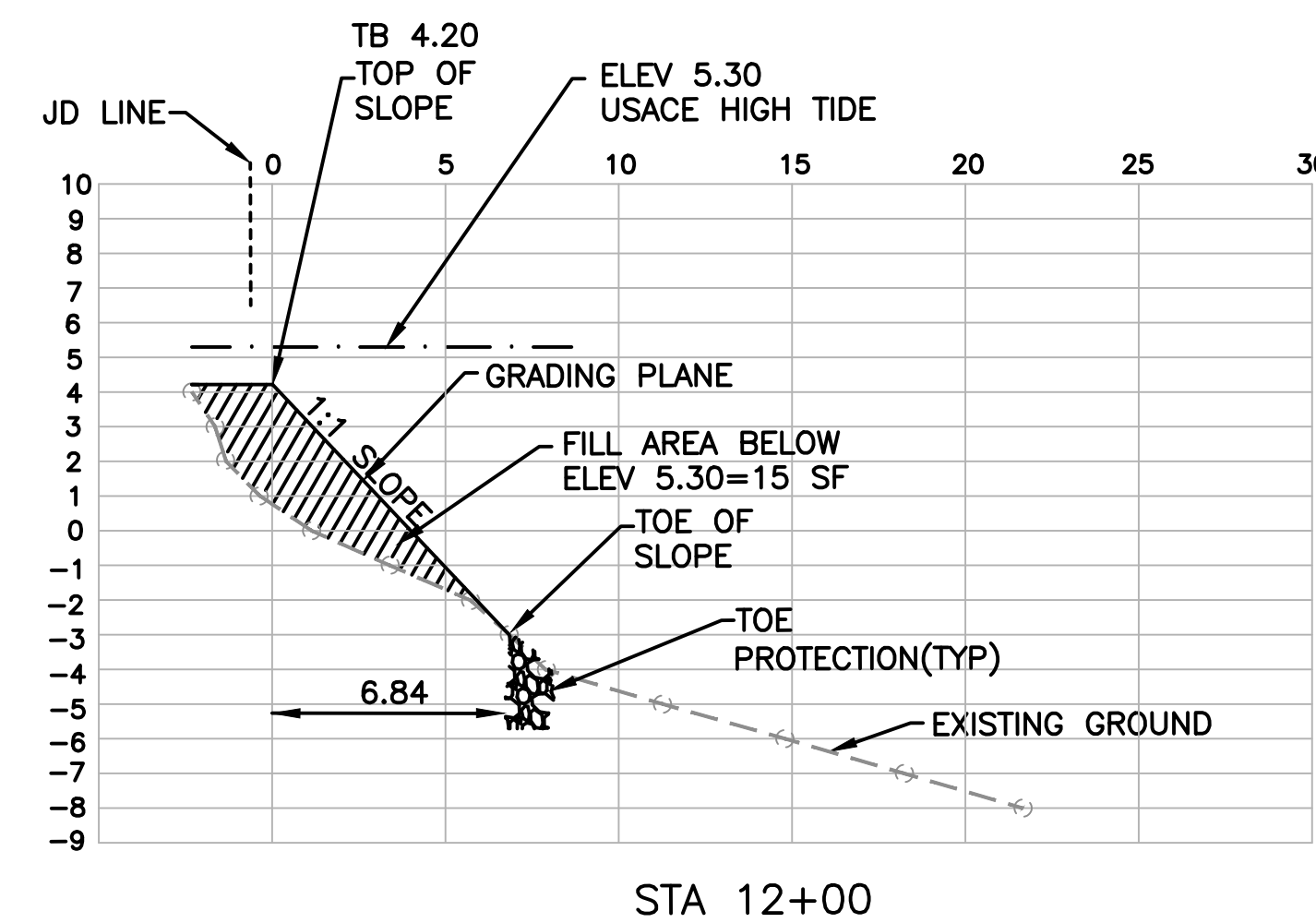
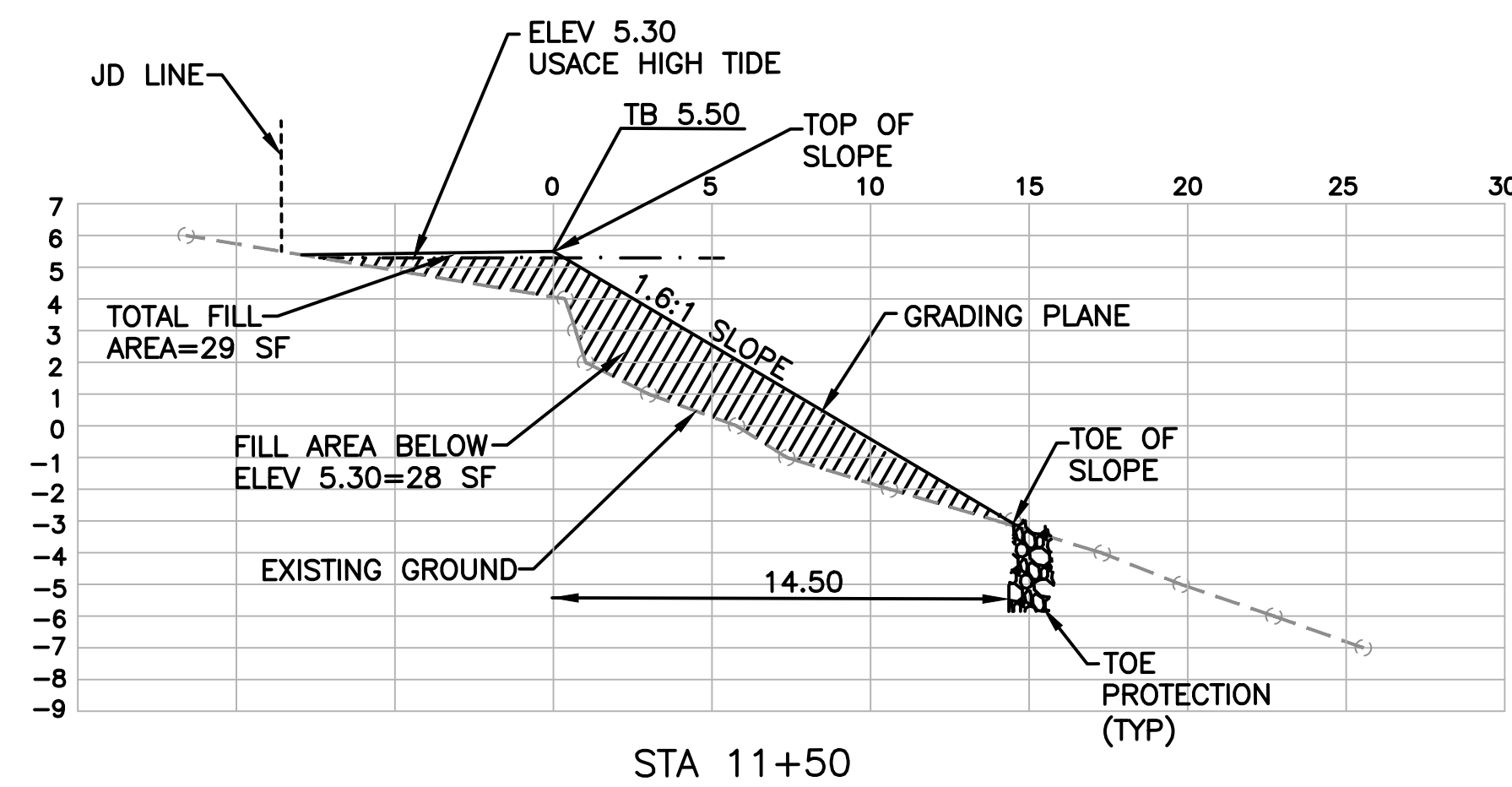
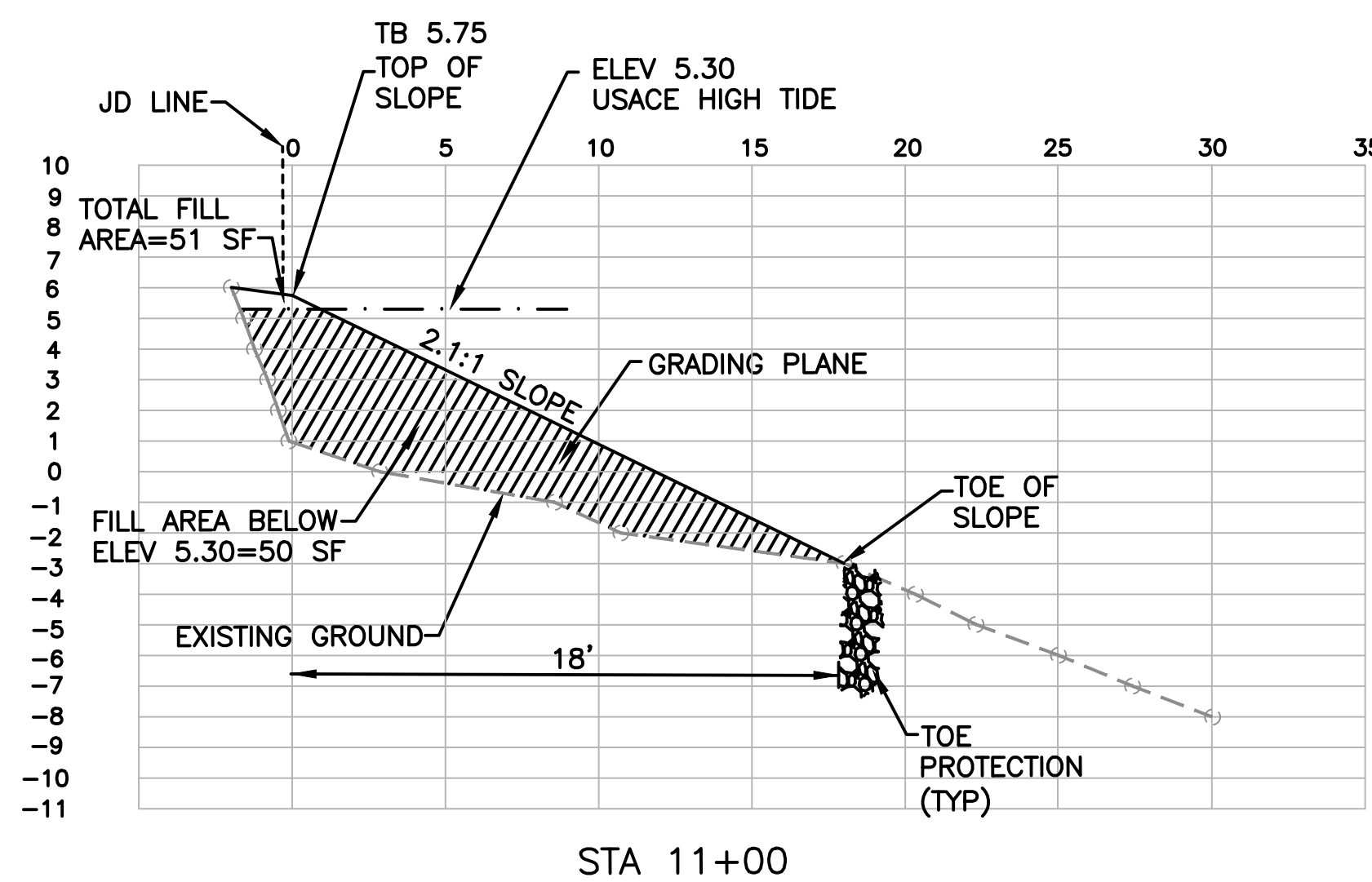
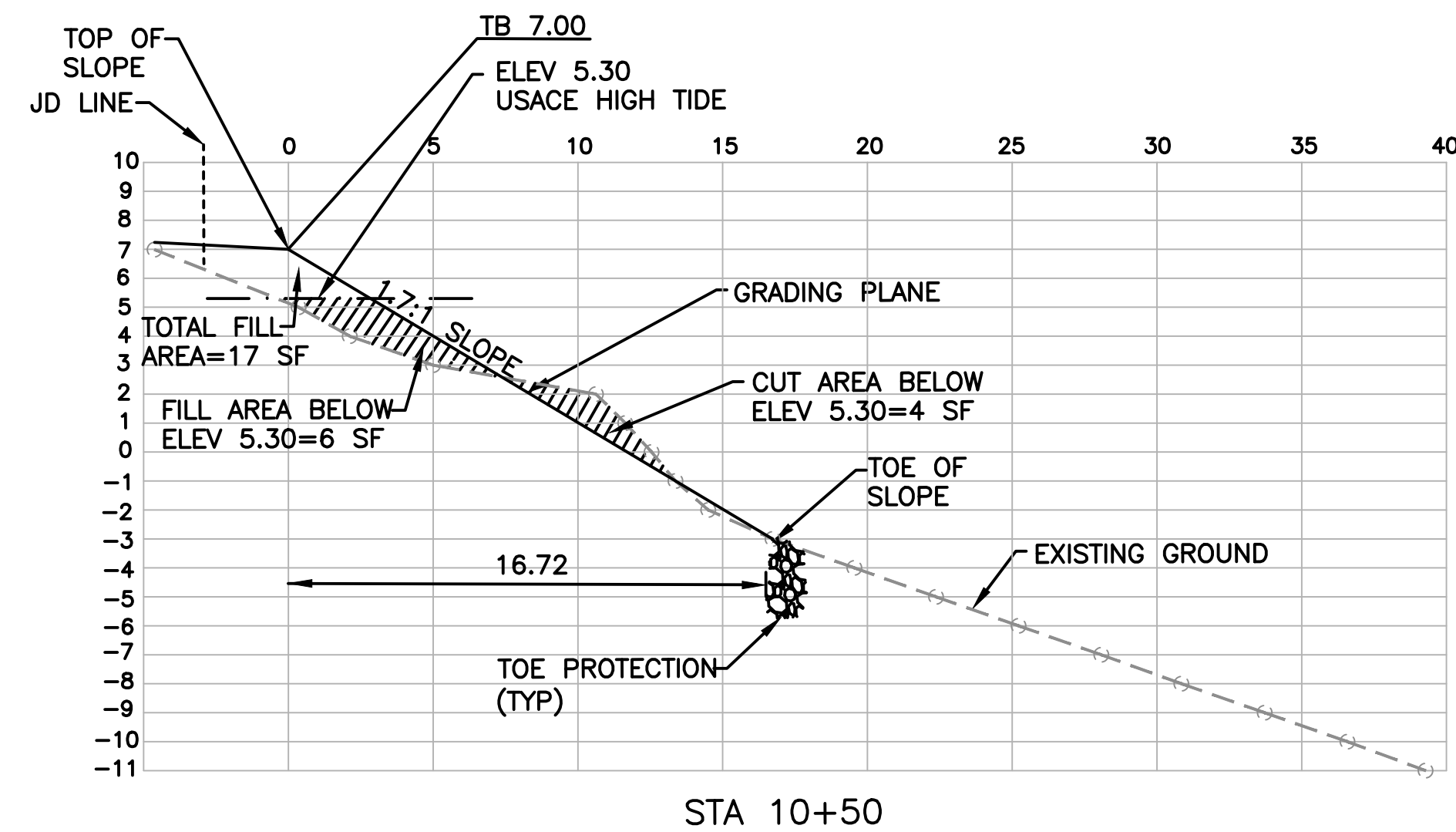
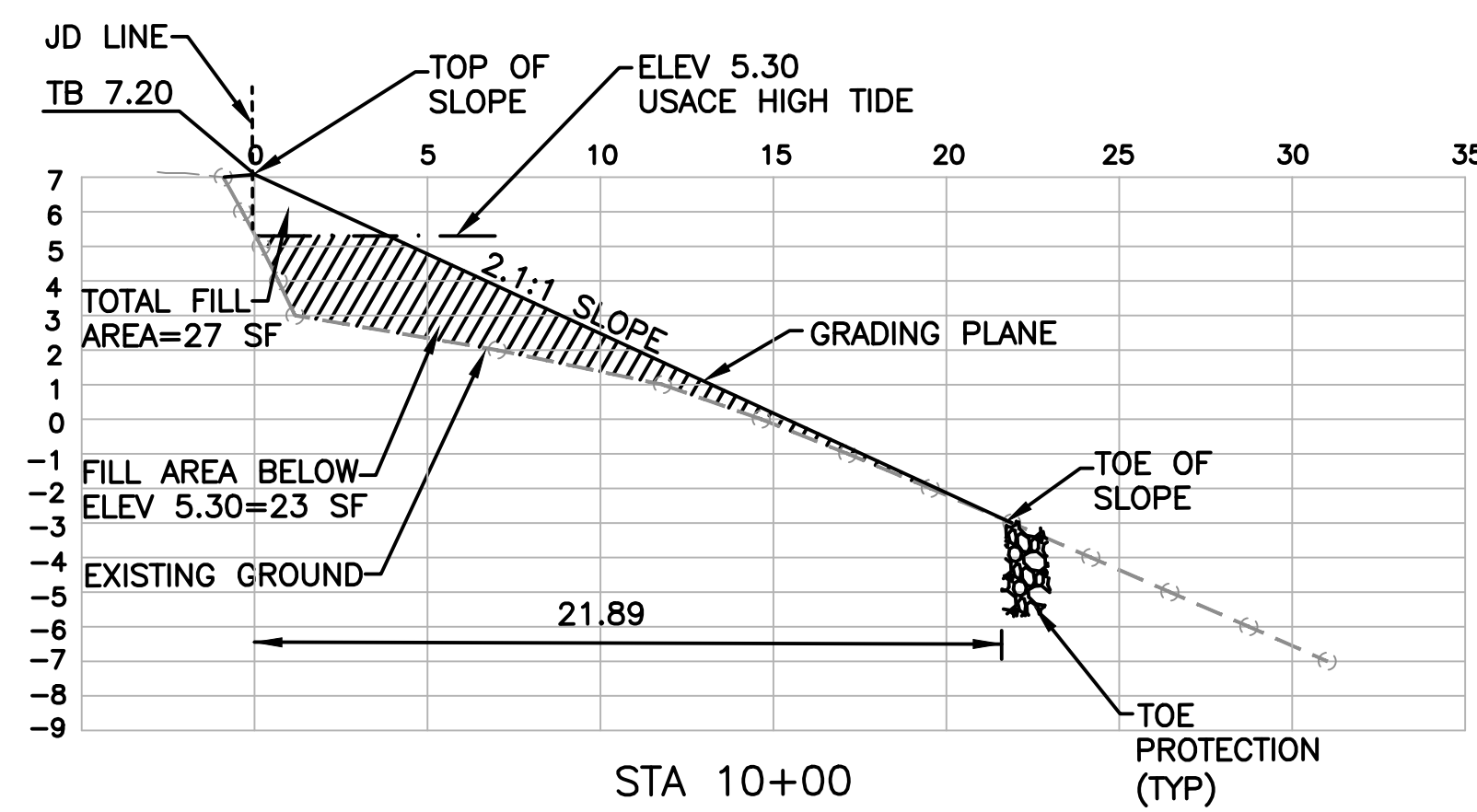
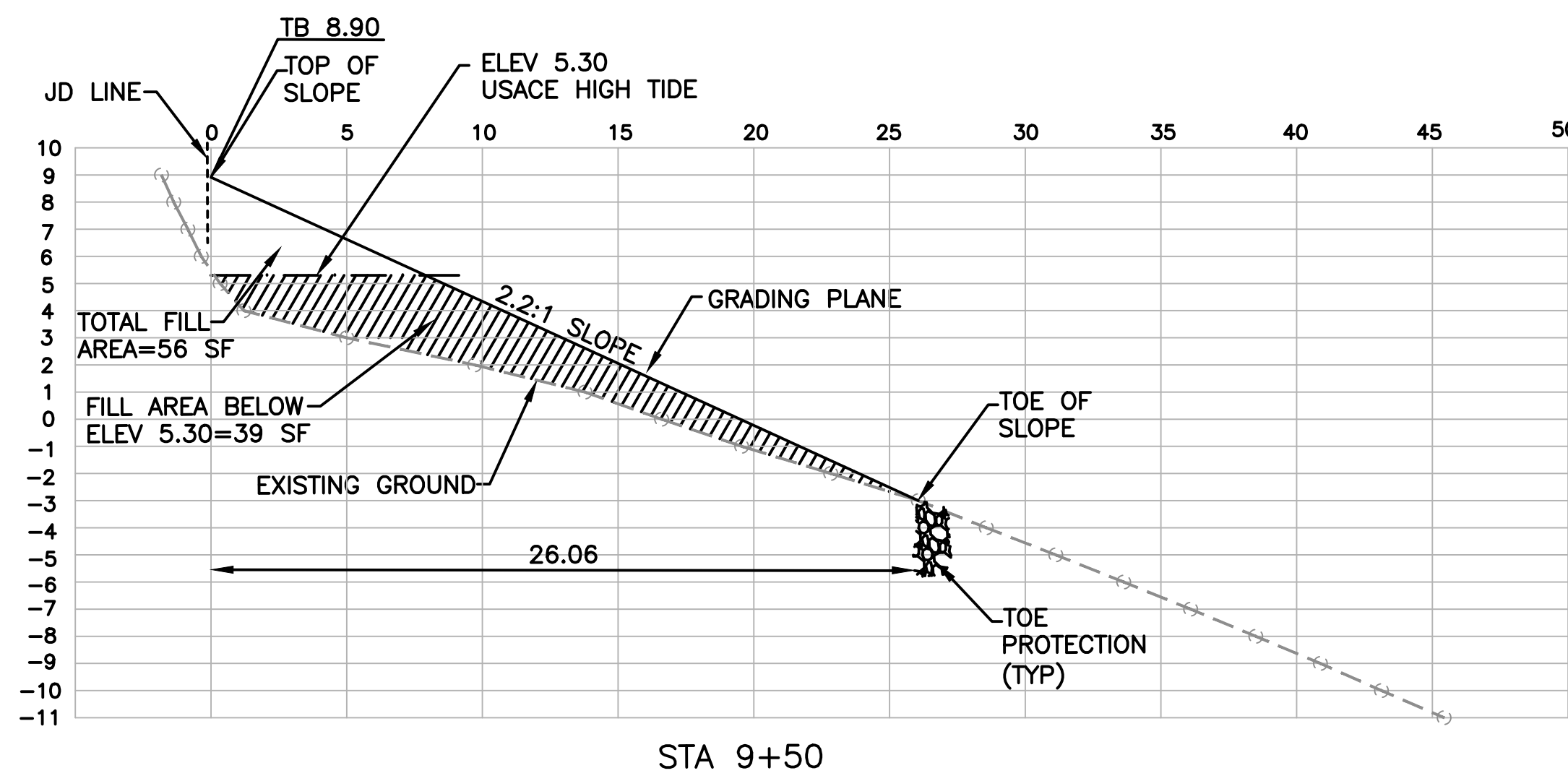
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CHATHAM COUNTY
GEORGIA

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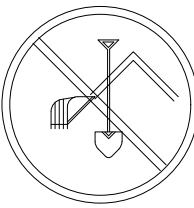
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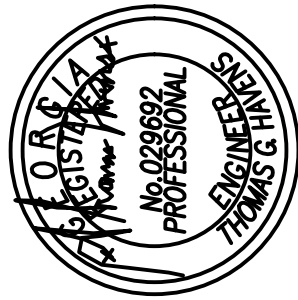
H 1"=5'
V 1"=5'

NO.	DATE	REVISION	BY

PLANTING LEGEND			
PLANTED ELEV 8'-9'±	PLANTED ELEV 7'-8'	PLANTED ELEV 5'-8'	PLANTED ELEV 4'-5'
MUHLY GRASS, MUHLENBERGIA CAPILLARIS	SALTGRASS, DISTICHLIS SPICATA	SEA-OXEYE DAISY, BORRICHIA FRUTESCENS	SMOOTH CORDGRASS, SPARTINA ALTERNIFLORA
MARSH ELDER, IVA FRUTESCENS			
GROUNDSEL, SENECIO VULGERIS			



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GEORGIA

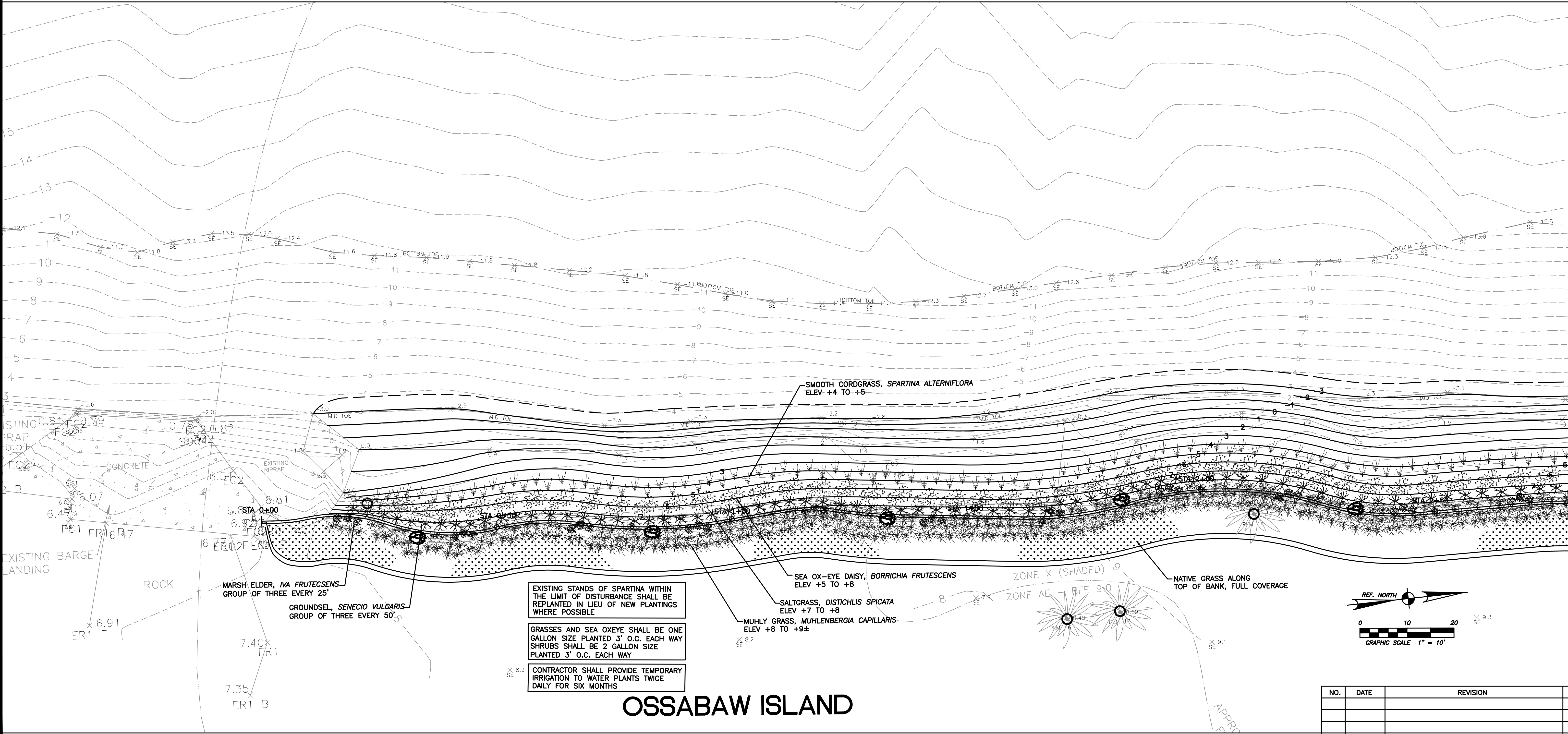
CHATHAM COUNTY

PLANTING PLAN

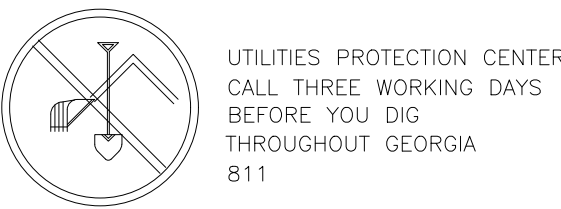


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L1 OF L4



PLANTING LEGEND			
PLANTED ELEV 8'-9'±	PLANTED ELEV 7'-8'	PLANTED ELEV 5'-8'	PLANTED ELEV 4'-5'
MUHLY GRASS, MUHLENBERGIA CAPILLARIS	SALTGRASS, DISTICHLIS SPICATA	SEA-OXEYE DAISY, BORRICHIA FRUTESCENS	SMOOTH CORDGRASS, SPARTINA ALTERNIFLORA
MARSH ELDER, IVA FRUTESCENS			
GROUNDSEL, SENECIO VULGERIS			



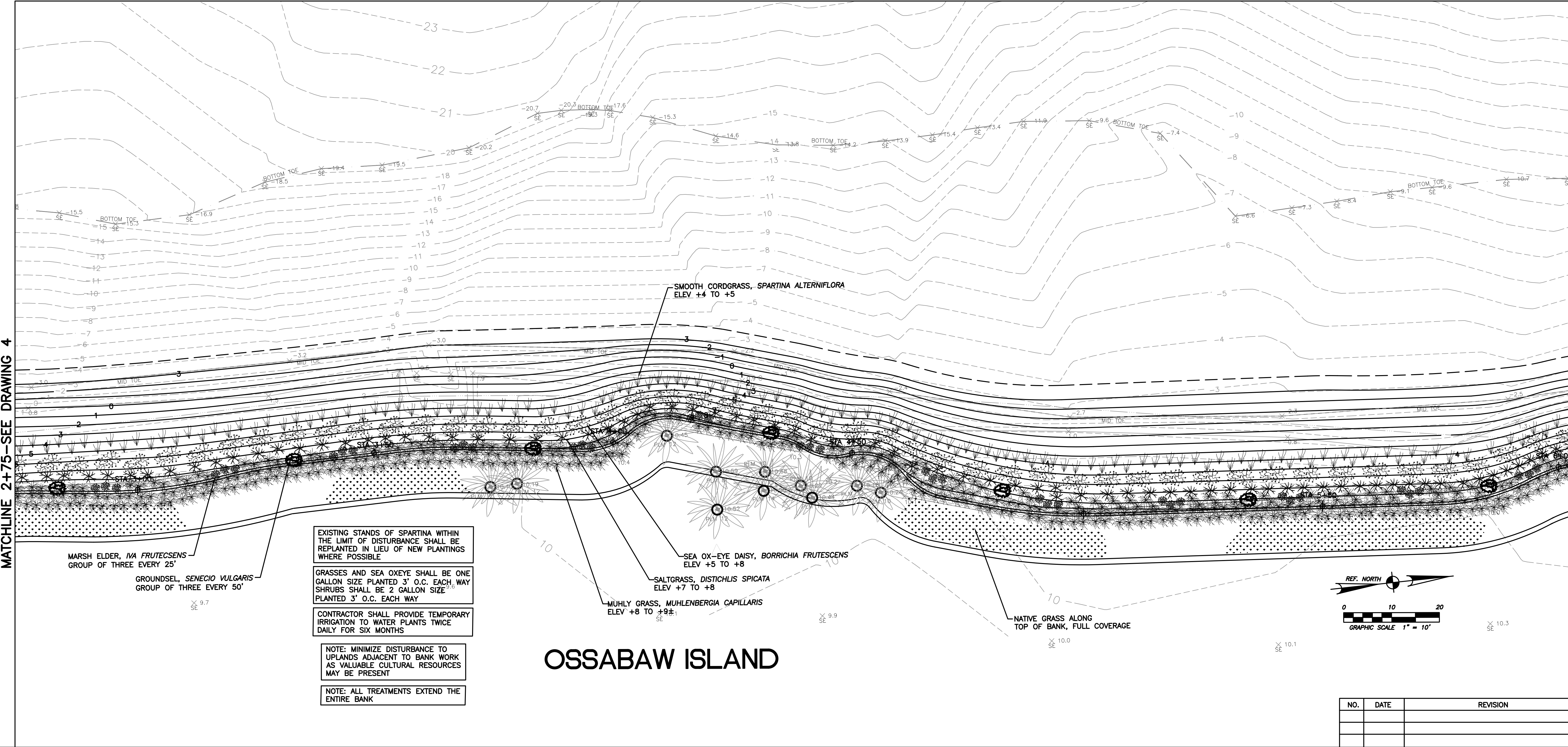
OSSABAW ISLAND – LIVING SHORELINE
GEORGIA

CHATHAM COUNTY
PLANTING PLAN

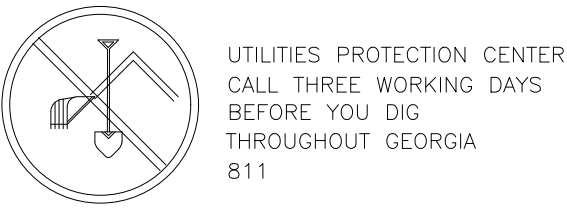


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L2 of L4



PLANTING LEGEND			
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MUHLY GRASS, MUHLENBERGIA CAPILLARIS	SALTGRASS, DISTICHLIS SPICATA	SEA-OXEYE DAISY, BORRICHIA FRUTESCENS	SMOOTH CORDGRASS, SPARTINA ALTERNIFLORA
MARSH ELDER, IVA FRUTESCENS			
GROUNDSEL, SENECIO VULGERIS			



OSSABAW ISLAND – LIVING SHORELINE
GEORGIA

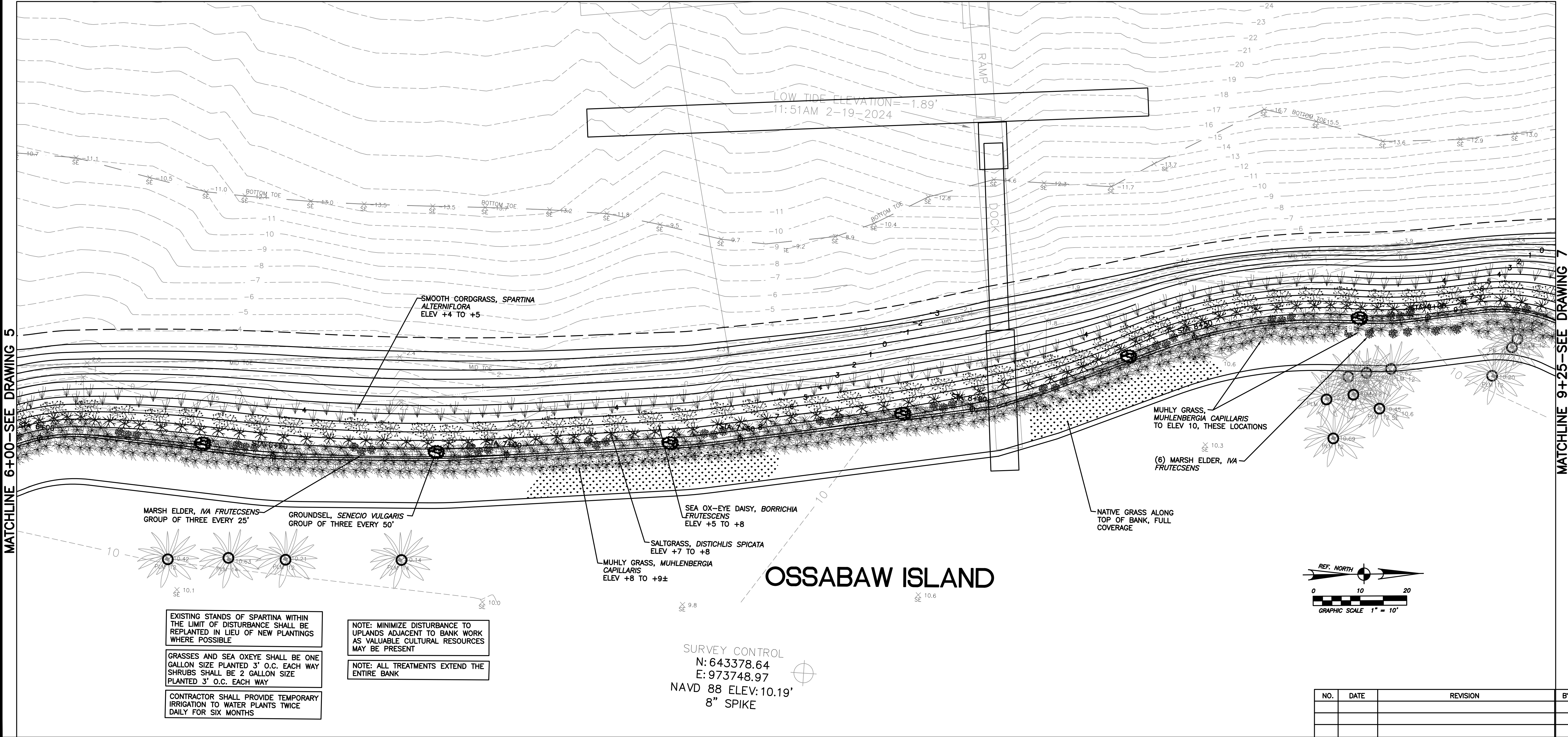
CHATHAM COUNTY

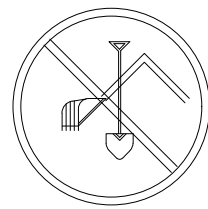
PLANTING PLAN



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L3 OF L4





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GEORGIA

CHATHAM COUNTY

PLANTING PLAN

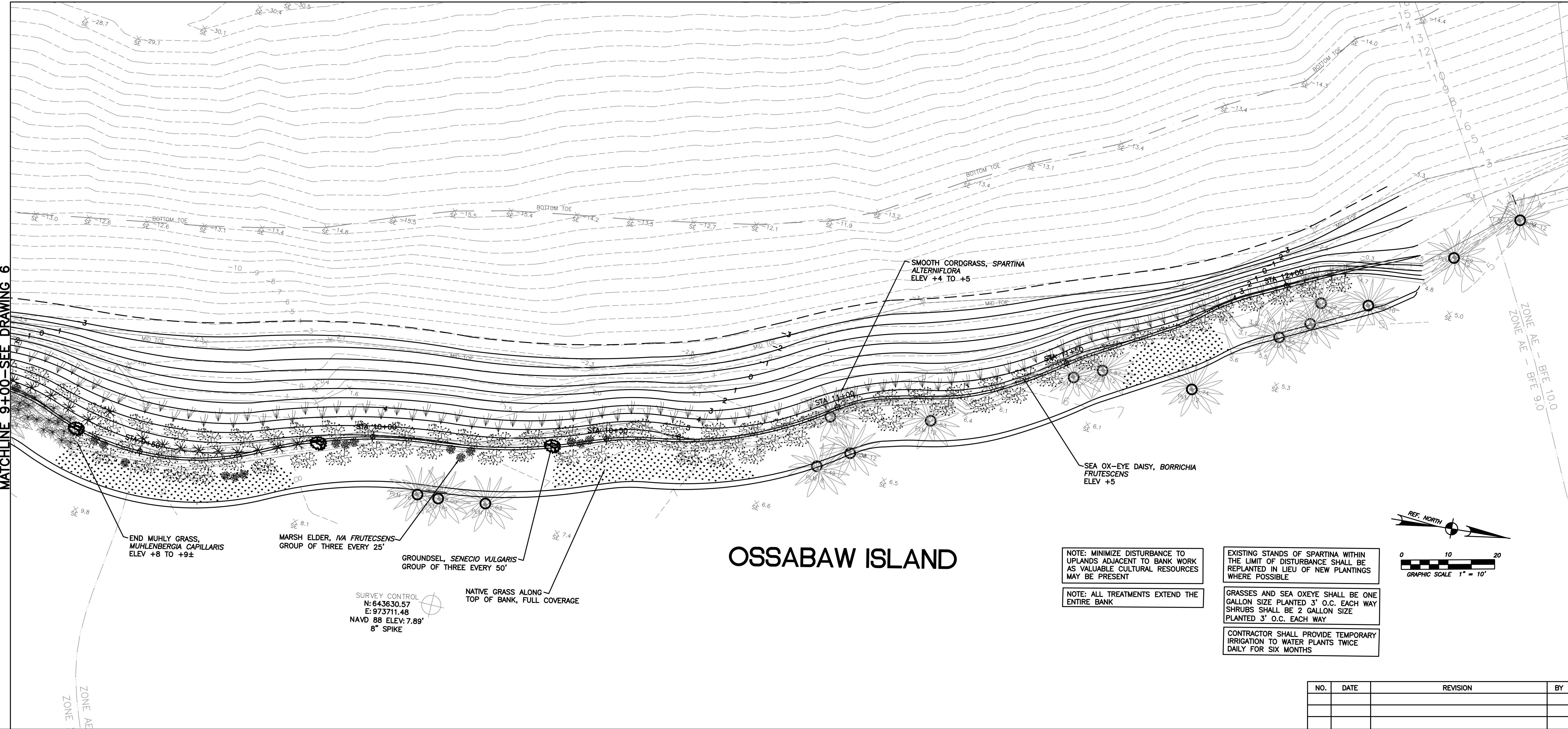
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Civil Engineering
3000 1/2 River Drive, Thunderbolt, GA
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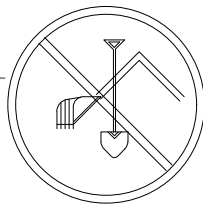
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L4 of L4

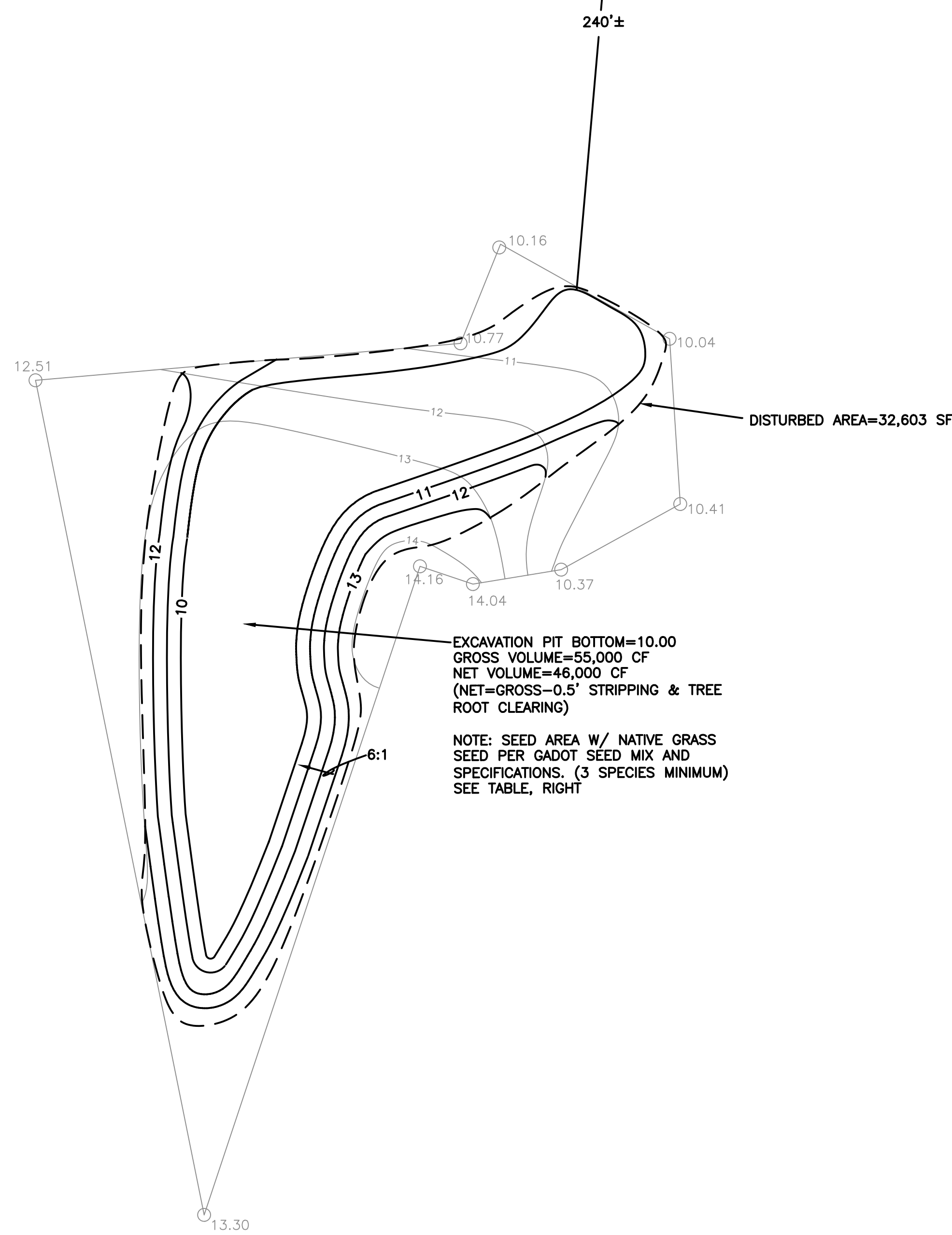
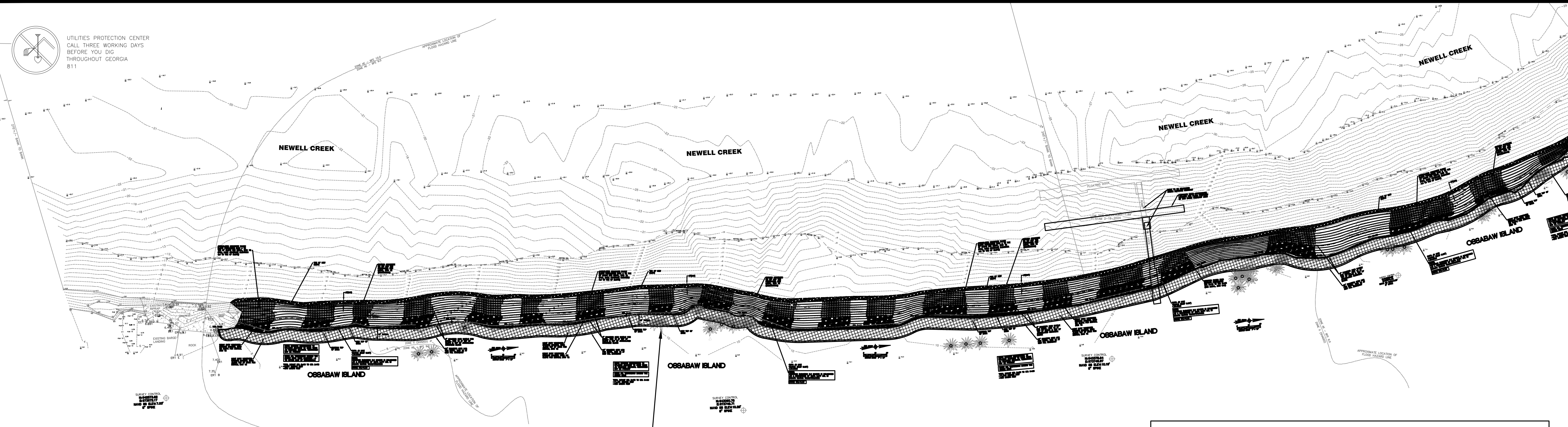
PLANTING LEGEND

PLANTED ELEV 8'–9'±	PLANTED ELEV 7'–8'	PLANTED ELEV 5'–8'	PLANTED ELEV 4'–5'
MUHLY GRASS, MUHLENBERGIA CAPILLARIS	SALTGRASS, DISTICHLIS SPICATA	SEA–OXEYE DAISY, BORRICHIA FRUTESCENS	SMOOTH CORDGRASS, SPARTINA ALTERNIFLORA
MARSH ELDER, IVA FRUTESCENS			
GROUNDSEL, SENECIO VULGERIS			





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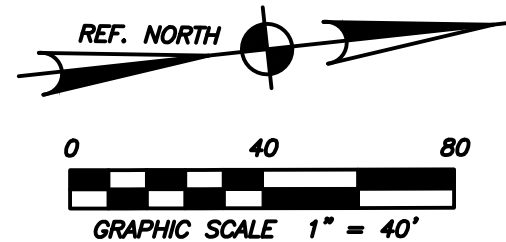
Section 700 — Grassing

NATIVE GRASS SEEDING TABLE 3
For Non-mowable Slopes or Areas Designated as Permanent Native Grass Plots.
(Plant native seed mixes on back slopes, fill slopes and areas which will not be subject to frequent mowing (slopes steeper than 3:1).

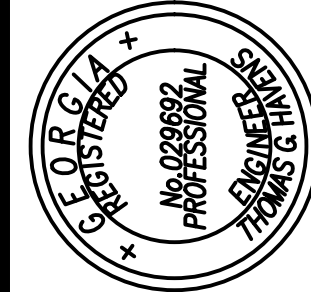
Common Name	Botanical Name	Class/Type	Rate/Acre	Planting Zone	Planting Dates
Canada Wild Rye	<i>Elymus canadensis</i>	Cool Season	Minimum 2 (2)	1,2,3,4	October 31 - March 31
Virginia Wild Rye	<i>Elymus virginicus</i>	Cool Season	Minimum 2 (2)	1,2,3,4	October 31 - March 31
Bottle-brush Grass	<i>Hystrix patula</i>	Cool Season	Minimum 2 (2)	1,2,3,4	October 31 - March 31
Little Bluestem	<i>Schizachyrium scoparium (Andropogon scoparius)</i>	Warm Season	Minimum 2 (2)	1,2,3,4	March 31 - August 31
Indiangrass	<i>Sorghastrum nutans</i>	Warm Season	Minimum 2 (2)	1,2,3,4	March 31 - August 31
Eastern Gama Grass	<i>Tripsacum dactyloides</i>	Warm Season	Minimum 2 (2)	1,2,3,4,1,2,3,4	March 31 - August 31
Rice Cut Grass	<i>Leersia oryzoides</i>	Warm Season	Minimum 2 (2)	1,2,3,4	March 31 - August 31
Deertongue	<i>Panicum clandestinum</i>	Warm Season	Minimum 2 (2)	1,2,3,4	March 31 - August 31
Switchgrass	<i>Panicum virgatum</i>	Warm Season	Minimum 2 (2)	1,2,3,4	March 31 - August 31
Woolgrass	<i>Scirpus cyperinus</i>	Cool Season	Minimum 2 (2)	1,2,3,4	October 31 - March 31
River Oats	<i>Chasmanthium latifolium</i>	Cool Season	Minimum 2 (2)	1,2,3,4	October 31 - March 31
Purple Top	<i>Tridens flavus</i>	Warm Season	Minimum 2 (2)	1,2,3,4	March 31 - August 31

See plan sheets/plant lists for detailed native restoration and riparian mitigation seed mix combinations to be applied at a minimum rate total of 10 (11) lbs. per acre (kg/hectare) for each combined mix. If the mix is not provided in the plan sheets, use a minimum of 3 species based on planting dates shown above.

1344



NO.	DATE	REVISION	BY



OSSABAW ISLAND – LIVING SHORELINE
CHATHAM COUNTY GEORGIA
SITE LAYOUT PLAN & BORROW PIT



DATE	XX/XX/XX
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