

OWNER/PRIMARY PERMITTEE:
KEN TOSKY
KENNETH SCOTT BUILDERS
254 RED CEDAR STREET SUITE 12
BLUFFTON, SC 29910
PHONE: 843-247-1025
KEN@KENNETHSCOTTBUILDERS.COM

SITE ENGINEER:
MOORE CIVIL CONSULTING, INC.
402 GENERAL COURTNEY HODGES BLVD, SUITE 102
PERRY, GA 31069
CONTACT: ROBERT E. MOORE, JR.
PHONE: 706-224-1629
ROBERT@MOORECIVIL.COM

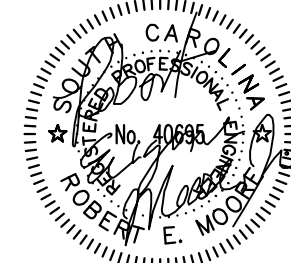
SURVEYOR:
ATLAS SURVEYING, INC.
168 BOARDWALK DRIVE, SUITE A
RIDGELAND, SC 29936
PHONE: 843-645-9277

CONSTRUCTION PLANS FOR PINELLAS DRIVE OFFICES PINELLAS DRIVE BLUFFTON, SC

SHEET INDEX	
C.100	COVER SHEET
C.110	PROJECT NOTES
C.120	SURVEY
C.130	DEMOLITION PLAN
C.200	SITE LAYOUT PLAN
C.300	GRADING & DRAINAGE PLAN
C.310	STORM PROFILES & DETAILS
C.400	CONSTRUCTION DETAILS
C.410	CONSTRUCTION DETAILS
C.500	UTILITY PLAN
C.510	UTILITY DETAILS
C.610	EROSION CONTROL PHASE I
C.620	EROSION CONTROL PHASE II
C.630	EROSION CONTROL PHASE III
C.640	EROSION CONTROL DETAILS

24-HOUR CONTACT: KEN TOSKY
PHONE NUMBER: 843-247-1025

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CONSULT 7-DESIGN-ENGINEER
ROBERT@MOORECIVIL.COM
706.224.1629



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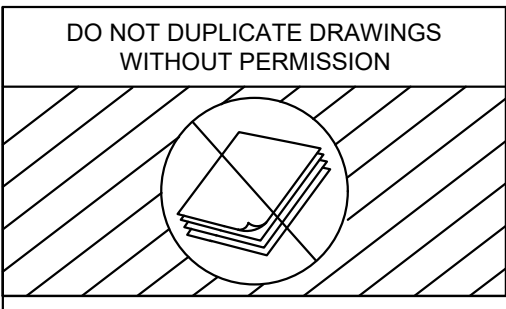
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11/18/22	BLUFFTON COMMENTS
11/22/22	BJWSA COMMENTS
1/23/23	BLUFFTON COMMENTS



LOCATION MAP (N.T.S.)

SIDEWALK AND ADA SPACE SLOPE:

CROSS SLOPE ON ALL SIDEWALKS SHALL NOT EXCEED 2.0%.
ADA PARKING AND VAN SPACES SHALL NOT EXCEED 2.0% SLOPE IN ANY DIRECTION.

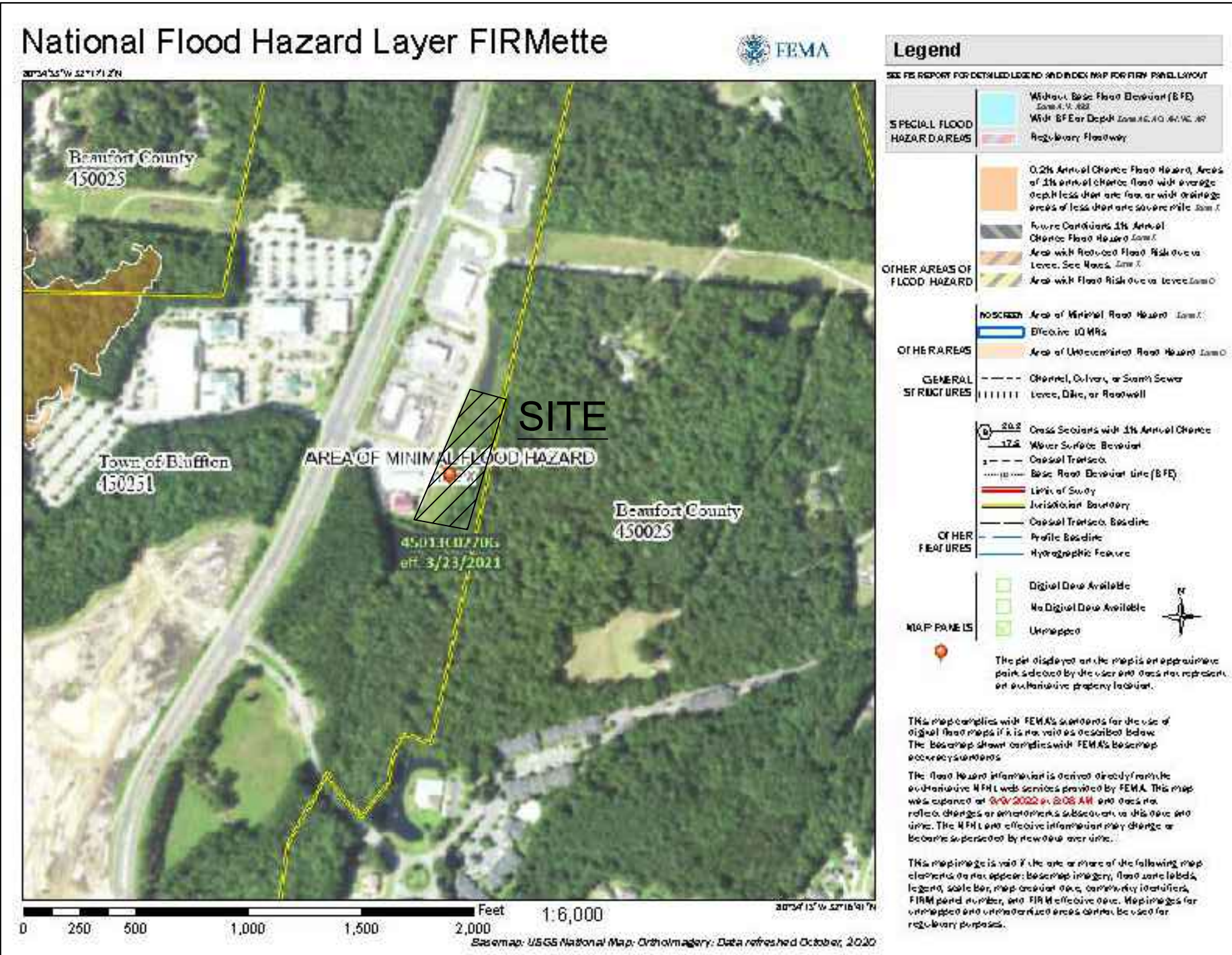


CAUTION

CONTRACTOR SHALL BE RESPONSIBLE FOR SECURING THE SERVICES OF A PRIVATE UTILITY LOCATOR FIRM DURING THE ENTIRE COURSE OF CONSTRUCTION. CONTRACTOR SHALL PAY FOR SAID SERVICES. CONTRACTOR SHALL REPAIR ALL UTILITIES DAMAGED BY CONSTRUCTION ACTIVITIES, AT NO ADDITIONAL COST TO THE OWNER/DEVELOPER.

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THIS PROPERTY IS NOT LOCATED WITHIN THE BASE FLOOD PLAIN AS PER FIRM MAP PANEL NUMBER 45013C0270G DATED MARCH 23, 2021.

NARRATIVE

THIS PROJECT INVOLVES THE CONSTRUCTION OF 3 OFFICE BUILDINGS, ASSOCIATED DRIVES AND PARKING AREAS. THIS SITE WILL BE BUILT IN SINGLE PHASE. STORM WATER FROM THIS SITE WILL SHEET FLOW TO EACH BIORETENTION BASIN AND ENTER DITCHES, LAGOONS AND BE TAKEN OFFSITE. THIS RUNOFF WILL THEN ENTER AN EXISTING MASTER DETENTION POND THAT IS SIZED TO HANDLE PEAK FLOW ATTENUATION FOR THIS SITE. THE SITE IS COVERED IN SAPLING TREES, SO THERE IS NO TREE CANOPY TO BE SHOWN. BUILDING AND PARKING LIGHTING WILL BE PROVIDED ON THE FINAL SUBMITTAL PER CITY OF BLUFFTON CODE IN THE UDO.

THE PROPOSED DEVELOPMENT WILL BE GRADED TO DRAIN STORMWATER TO THE EAST AND THEN THE SOUTH OF THE SITE. WITH THE USE OF EROSION CONTROL BMPs FROM THE SOUTH CAROLINA EROSION CONTROL MANUAL, THERE SHOULD BE NO HARMFUL EFFECTS ON DOWNSTREAM PROPERTIES DUE TO THIS DEVELOPMENT.

CONSTRUCTION SCHEDULE			
MONTH 1	MONTH 2	MONTH 12	ACTIVITY
NOTIFY INSPECTOR 24 HOURS PRIOR TO CONSTRUCTION:			
			PLACEMENT OF CONSTRUCTION EXIT
			INSTALLATION OF SEDIMENT CONTROL MEASURES
			CLEARING, GRUBBING, AND GRADING OPERATIONS (AS NECESSARY)
			INSTALL DRIVEWAYS AND CONSTRUCTION OF BUILDING
			GRASSING - INCLUDING MULCHING, TEMPORARY AND PERMANENT VEGETATION
			MAINTENANCE OF EROSION AND SEDIMENT CONTROL MEASURES
			FINAL STABILIZATION OF SITE

GENERAL NOTES

BOUNDARY & TOPO INFORMATION TAKEN FROM SURVEY BY ATLAS SURVEYING, INC.

PROPERTY IS LOCATED IN TAX PARCEL No. R610 022 000 1072 0000, BLUFFTON, BEAUFORT COUNTY, SOUTH CAROLINA.

NOTIFY THE TOWN OF BLUFFTON INSPECTION OFFICE 24 HRS BEFORE BEGINNING OF CONSTRUCTION.

ALL BUFFERS AND TREE SAVE AREAS SHALL BE CLEARLY IDENTIFIED BY FLAGGING AND/OR FENCING PRIOR TO COMMENCEMENT OF ANY LAND DISTURBANCE.

STANDARD AND SPECIFICATIONS: ALL DESIGNS WILL CONFORM TO AND ALL WORK WILL BE PERFORMED IN ACCORDANCE WITH THE STANDARDS AND SPECIFICATIONS OF THE PUBLICATION ENTITLED "MANUAL FOR EROSION AND SEDIMENTATION CONTROL IN GEORGIA."

ANY DISCREPANCY FOUND SHALL BE REFERRED TO THE SITE ENGINEER BY THE CONTRACTOR FOR CLARIFICATION BEFORE PROCEEDING WITH THE WORK.

CUT & FILL SLOPES SHALL NOT EXCEED 2:1

ALL CUT & FILL SLOPES MUST BE SURFACE ROUGHENED AND VEGETATED WITHIN SEVEN DAYS OF THEIR CONSTRUCTION

ALL FILL SLOPES WILL HAVE SILT FENCE AT TOE OF SLOPES ANY DISCREPANCY FOUND SHALL BE REFERRED TO THE SITE ENGINEER BY THE CONTRACTOR FOR CLARIFICATION BEFORE PROCEEDING WITH THE WORK.

ALL CONSTRUCTION SHALL MEET OR EXCEED TOWN OF BLUFFTON MINIMUM STANDARDS. ALL GRADES SHOWN ARE FINISHED GRADES. CONTRACTOR SHALL VERIFY ALL GRADES. CONTRACTOR SHALL VERIFY ALL BENCH MARKS BEFORE BEGINNING ANY WORK. CONTRACTOR HAS OPTION TO USE PRECAST STRUCTURES AND HEADWALLS OR CAST IN PLACE.

ALL PIPE AND STRUCTURES SHALL BE IN ACCORDANCE WITH TOWN OF BLUFFTON SPECIFICATIONS. DETENTION BASIN AND EROSION CONTROL MEASURES TO BE ACCOMPLISHED PRIOR TO ANY OTHER CONSTRUCTION ON THE SITE AND MAINTAINED UNTIL PERMANENT GROUND COVER IS ESTABLISHED.

REFER TO ARCHITECTURAL PLANS FOR BUILDING DIMENSIONS.

CONTRACTOR SHALL STAKE ALL BUILDING CORNERS FOR APPROVAL PRIOR TO POURING ANY FOOTINGS.

THE INSTALLATION OF EROSION CONTROL MEASURES AND PRACTICES SHALL TAKE PLACE PRIOR TO OR CONCURRENT WITH LAND DISTURBING ACTIVITIES.

EROSION CONTROL MEASURES ARE TO BE ACCOMPLISHED PRIOR TO ANY OTHER CONSTRUCTION ON THE SITE AND MAINTAINED UNTIL PERMANENT GROUND COVER IS ESTABLISHED.

EROSION CONTROL MEASURES WILL BE MAINTAINED AT ALL TIMES. ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES WILL BE INSTALLED IF DEEMED NECESSARY BY ON-SITE INSPECTION BY THE ISSUING AUTHORITY.

SEDIMENT AND EROSION CONTROL MEASURES TO BE INSPECTED AND MAINTAINED DAILY.

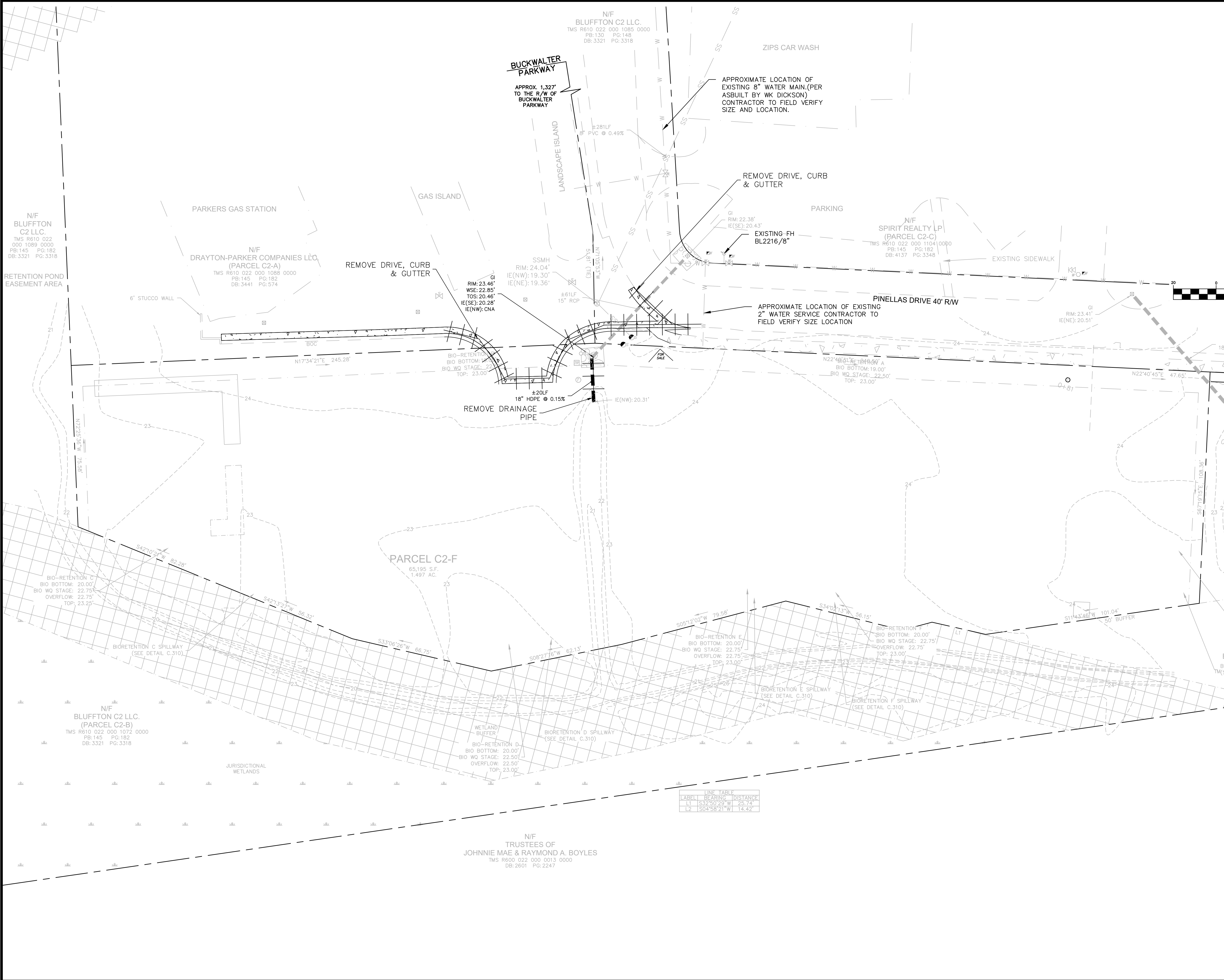
DO NOT SCALE FROM DRAWINGS.



PINELLAS OFFICES
PINELLAS DRIVE
BLUFFTON, SC

SHEET TITLE:
COVER SHEET

SHEET NUMBER:
C.100

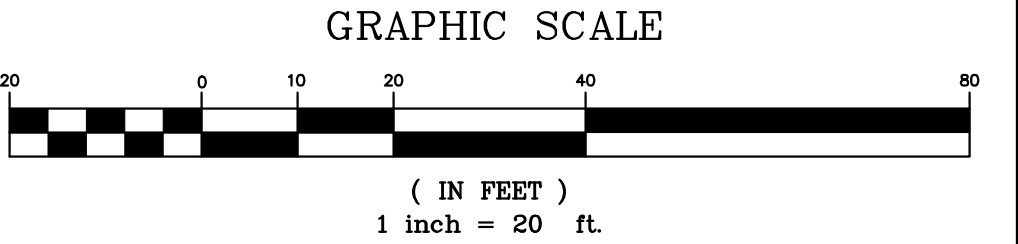


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11/18/22	BLUFFTON COMMENTS
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1/23/23	BLUFFTON COMMENTS

PINELLAS OFFICES
PINELLAS DRIVE
BLUFFTON, SC

SHEET TITLE:
DEMOLITION
PLAN

SHEET NUMBER:
C.130

LINE TABLE		
LABEL	BEARING	DISTANCE
L1	S32°50'29"W	25.74
L2	S04°58'21"W	14.42

PARKING CALCULATION TABLE

BUCKWALTER PUD REQUIRES 3.5 PARKING SPACES PER 1,000SQFT OF BUILDING SPACE.

TOTAL PARKING SPACES REQUIRED IS (12,600/1,000)x3.5=44.1
TOTAL PARKING SPACES PROVIDED IS 60

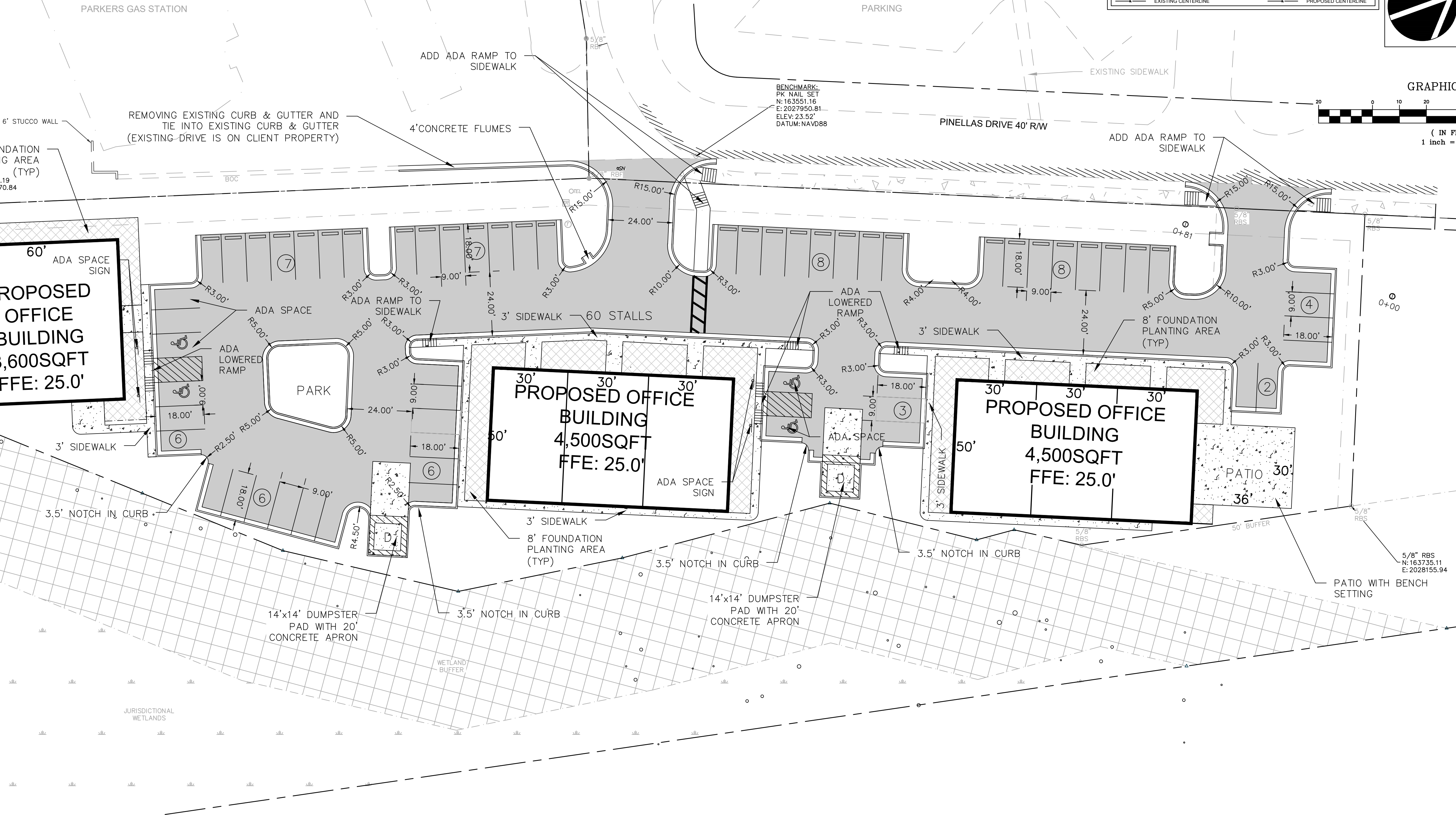
SITE DATA TABLE

TOTAL AREA = 1.50AC
TOTAL DISTURBED AREA = 1.52AC
TOTAL PERVIOUS AREA = 0.62AC
TOTAL IMPERVIOUS AREA = 0.90AC
TOTAL OPEN SPACE = 0.18AC

3 BUILDINGS
BUILDING 1 = 3,600SQFT
BUILDING 2 & 3 = 4,500SQFT EACH
TOTAL BUILDING SQUARE FEET =12,600SQFT

NOTE EXISTING CONDITION

OFFSITE EXISTING CONDITION TAKEN FROM AERIAL PHOTO FOR DRIVE, BUILDING AND SIDEWALK LOCATION FOR PARKERS GAS STATION AND ZIPS CAR WASH.



PROPOSED LEGEND	
P.O.B.	POINT OF BEGINNING
P.O.R.	POINT OF REFERENCE
O.T.P.	OPEN TOP PIPE
I.P.F.	IRON PIN FOUND
I.P.S.	IRON PIN SET
P.L.	PROPERTY LINE
C.M.F.	CONCRETE MONUMENT FOUND
L.L.L.	LAND LOT LINE
B.O.C.	BACK OF CURB
F.C.	FENCE CORNER
●	SANITARY SEWER MANHOLE - SA
●	STORM STRUCTURE
●	JUNCTION BOX - JB
●	DROP INLET - DI
—	DOUBLE-WING CATCHBASIN - DWCB
—	SINGLE-WING CATCHBASIN - SWCB
—	HEADWALL
—	SEWER FLOW
—	DRAINAGE FLOW
—	EXISTING FENCE
—	EXISTING CENTERLINE
—	PROP. FIRE HYDRANT
—	EXIST. FIRE HYDRANT
—	EXIST. GATE VALVE
—	PROP. GATE VALVE
—	WATER METER
—	ELECTRIC BOX
—	PHONE POLE
—	SANITARY SEWER LINE
—	WATER LINE
—	TOP OF WALL
—	BOTTOM OF WALL
—	SANITARY SEWER EASEMENT
—	STORM DRAINAGE EASEMENT
—	SIGN
—	FENCE
—	T.W.
—	B.W.
—	S.S.E.
—	S.D.E.
—	PROPOSED CENTERLINE

CAUTION

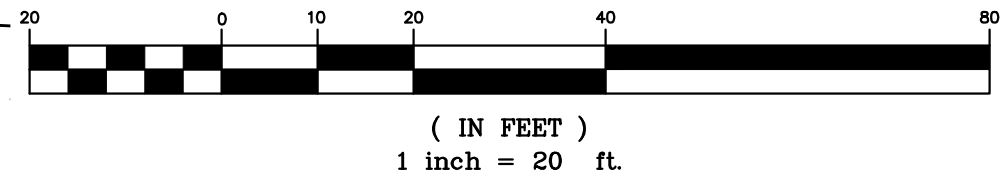
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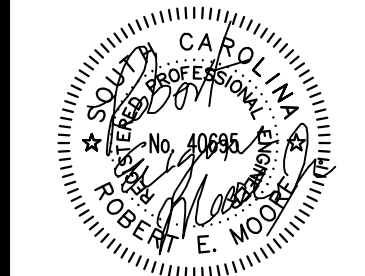
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DO NOT DUPLICATE DRAWINGS WITHOUT PERMISSION

GRAPHIC SCALE



MOORE CIVIL
CONSULT T-DESIGN-ENGINEER
ROBERT@MOORECIVIL.COM
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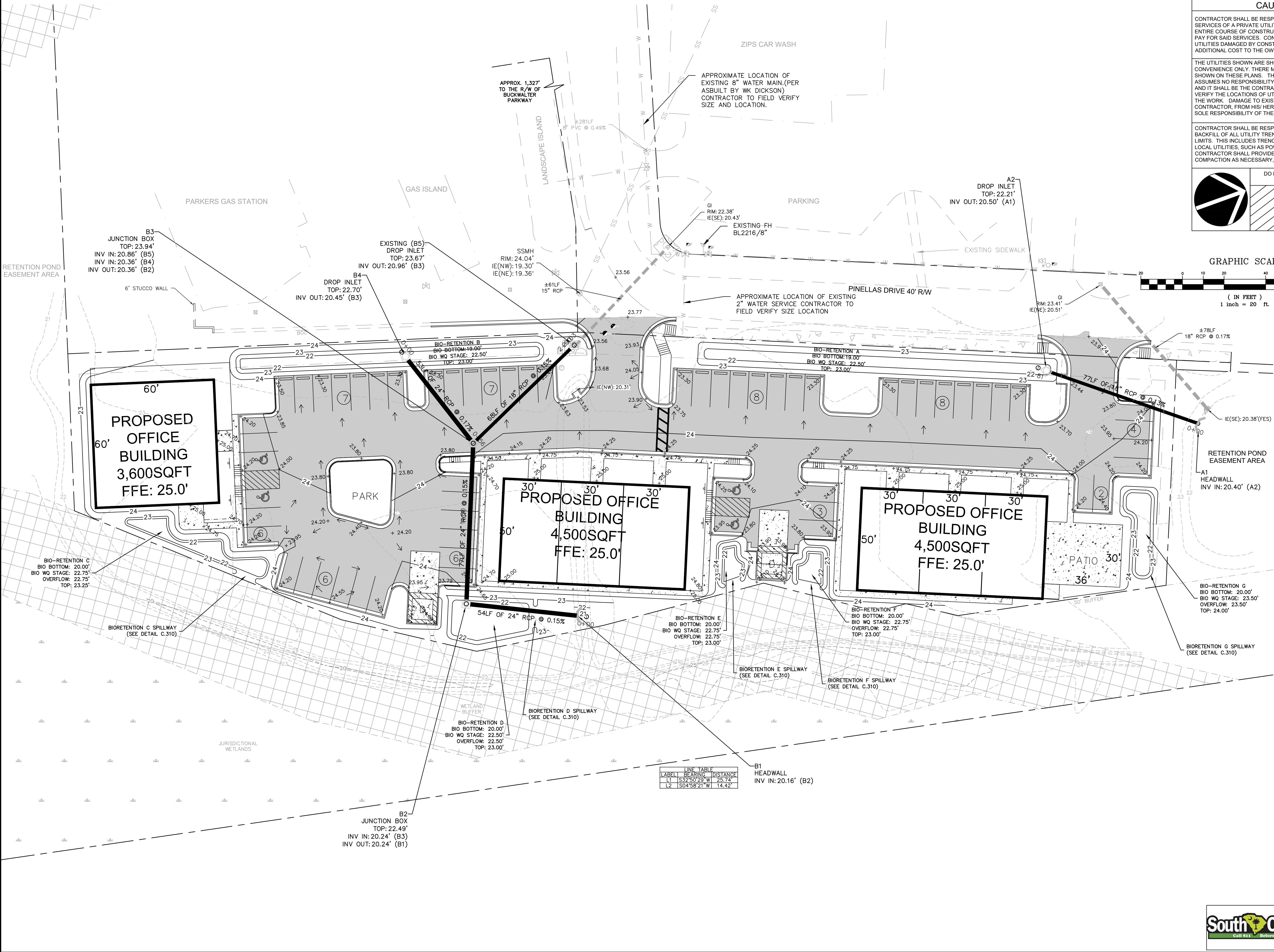
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PINELLAS OFFICES
PINELLAS DRIVE
BLUFFTON, SC

SHEET TITLE:
SITE LAYOUT
PLAN

SHEET NUMBER:
C.200



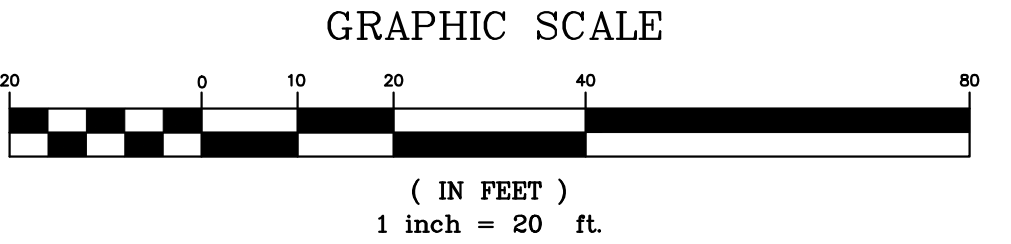


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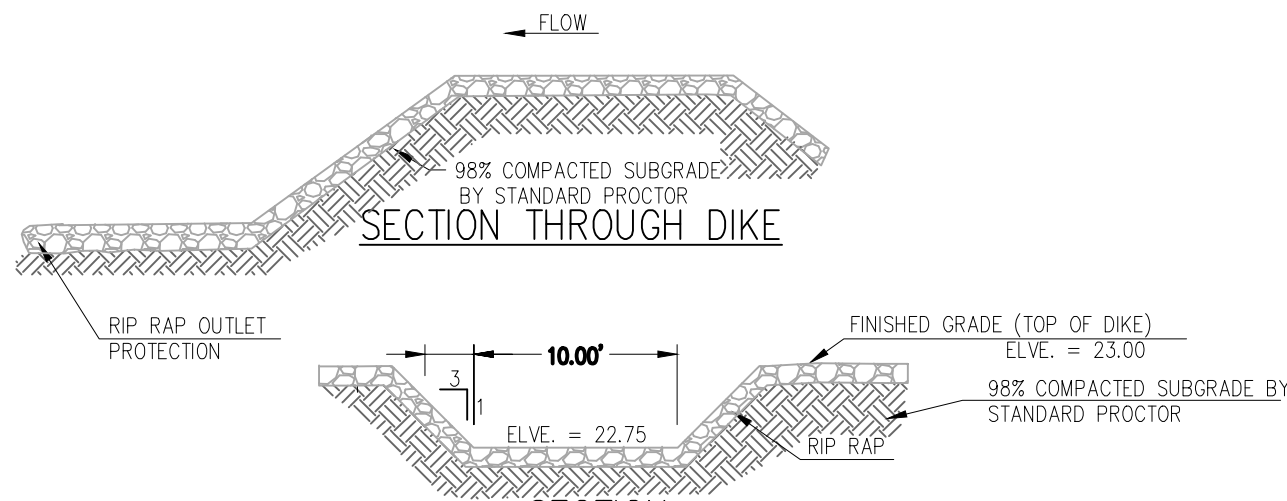
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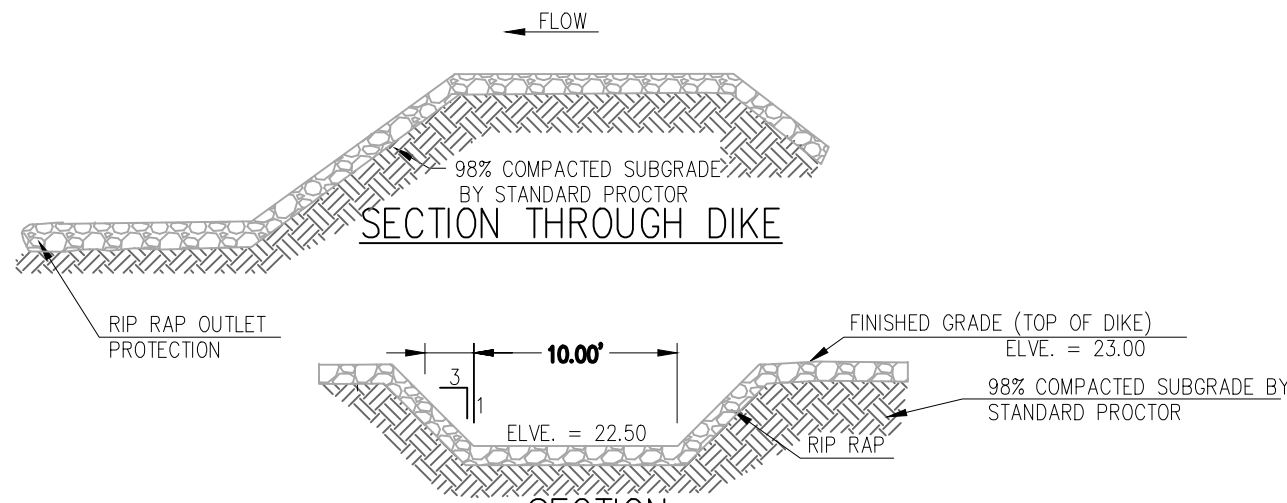
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GRADING &
DRAINAGE PLAN

SHEET NUMBER:
C.300

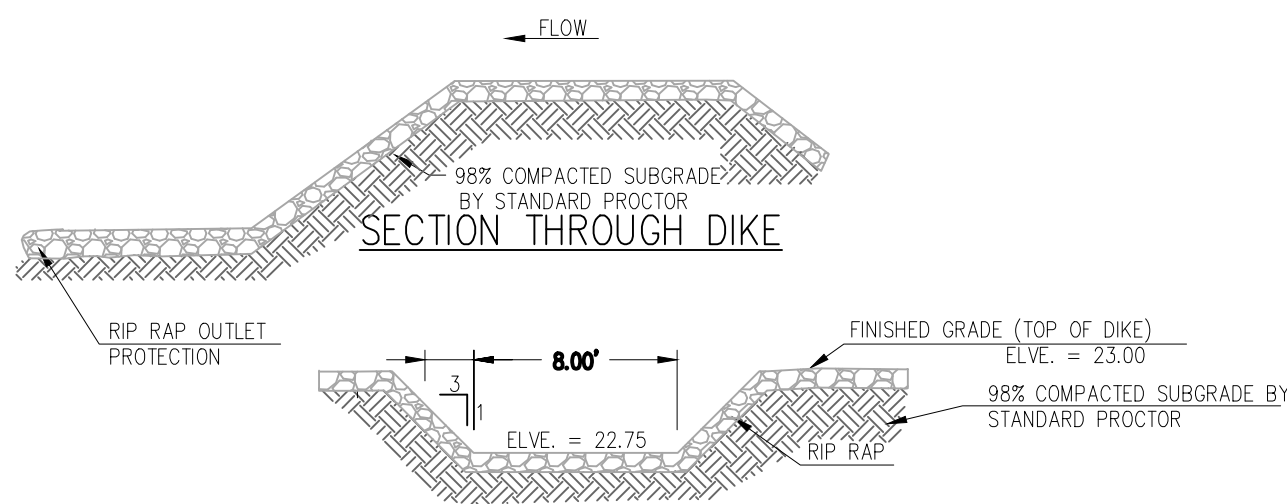




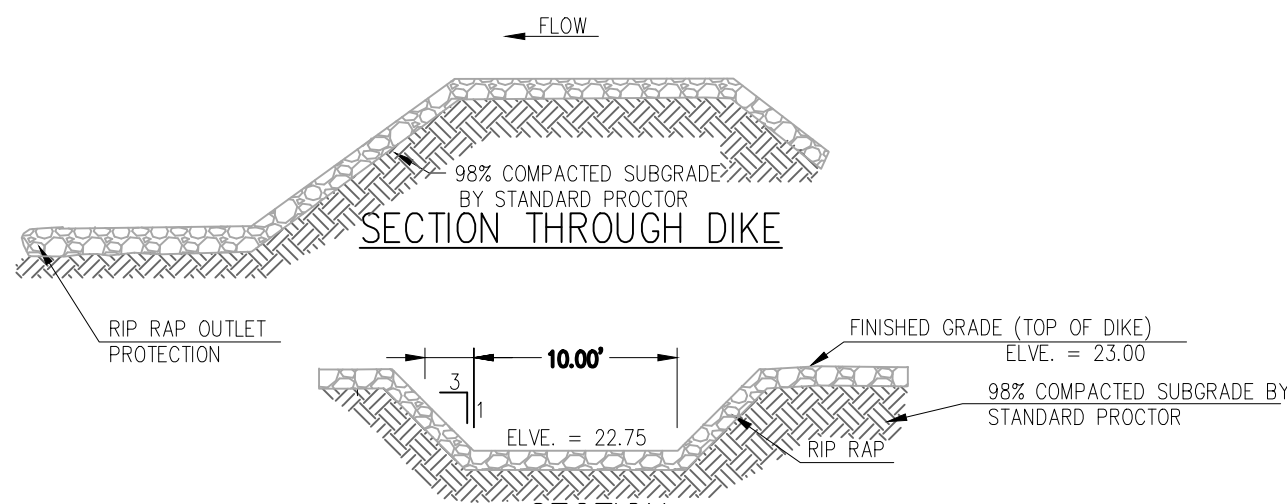
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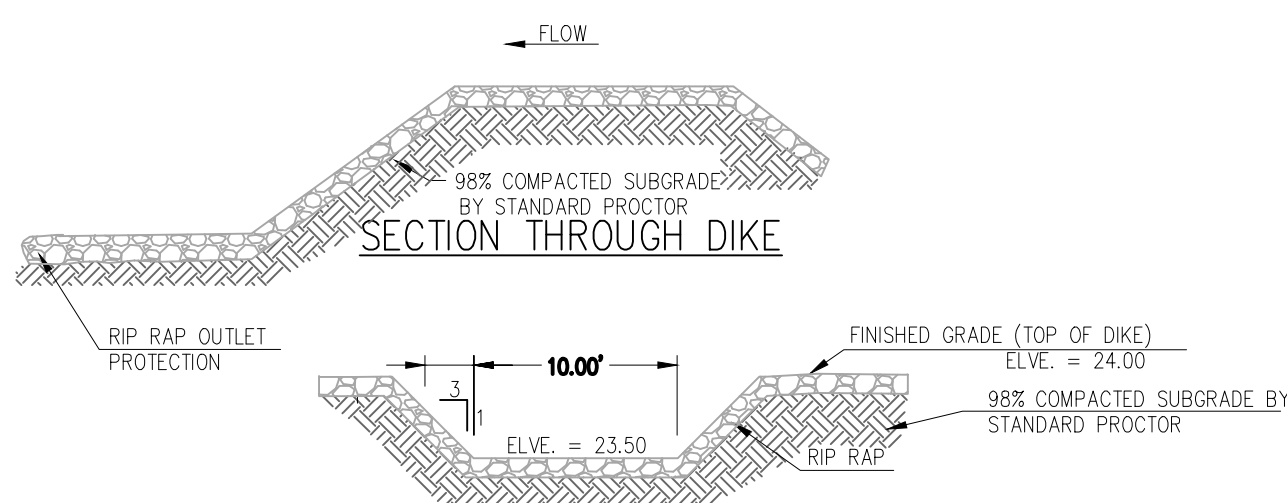
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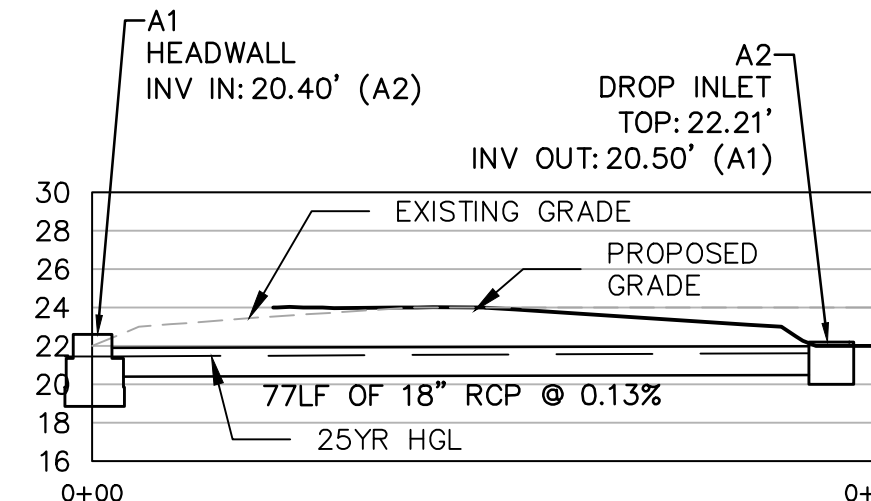
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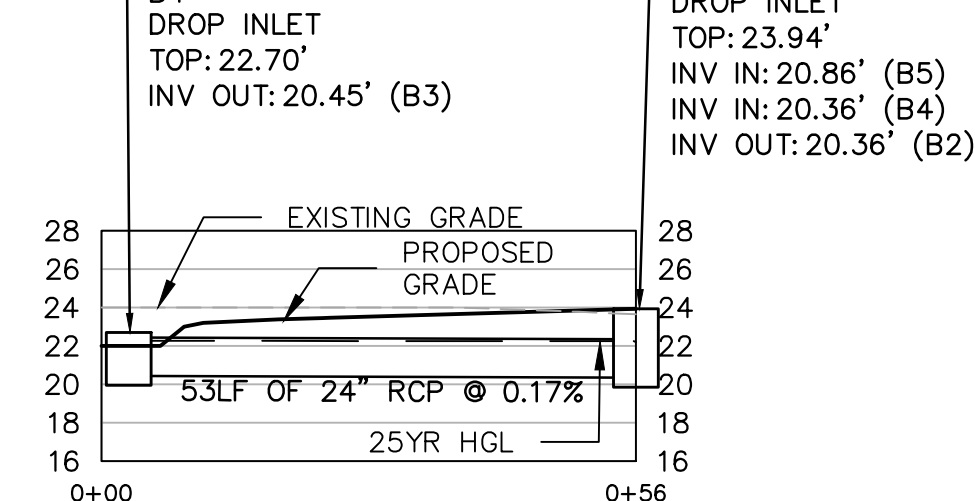
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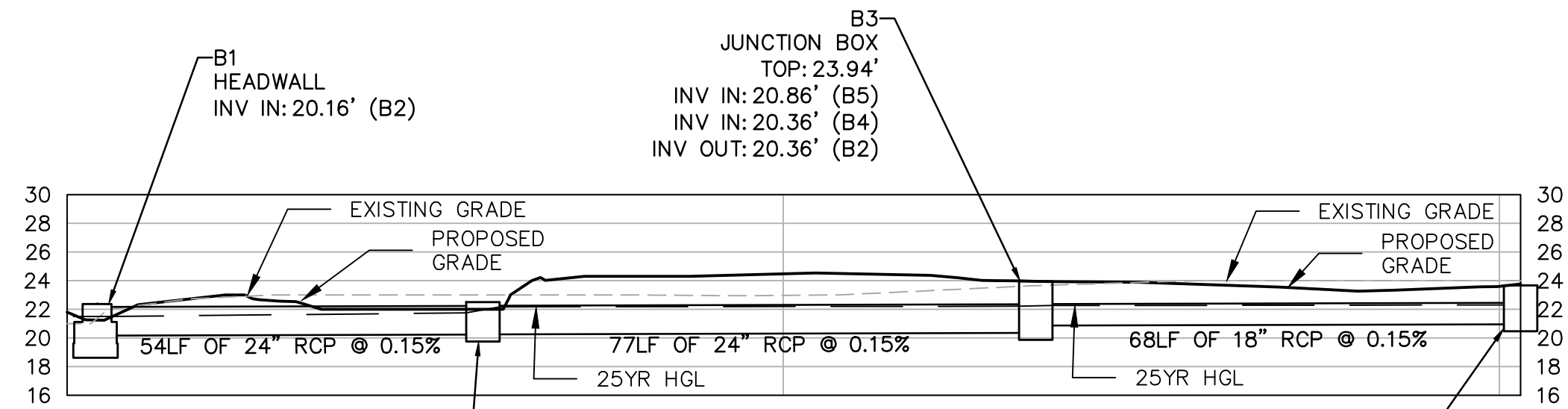
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STORM PIPE PROFILES
(STORM LINE 1)
SCALE: H: 1"=20
V: 1"=10



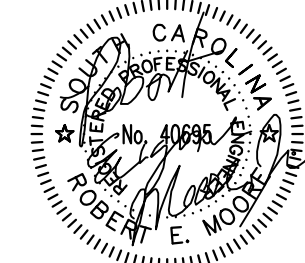
STORM PIPE PROFILES
(STORM LINE 4)
SCALE: H: 1"=20
V: 1"=10



STORM PIPE PROFILES
(STORM LINE 3)
SCALE: H: 1"=20
V: 1"=10

Line No.	Line ID	Drainage Area (ac)	Tc (min)	i Inlet (in/hr)	Runoff Coeff (C)	Incr Q (cfs)	Total Runoff (cfs)	Line Slope (%)	Line Size (in)	Line Type	Capacity Full (cfs)	Vel Ave (ft/s)	HGL Up (ft)	HGL Dn (ft)
1	A2-A1	0.00	5.0	0.00	0.00	4.14	0.00	0.13	18	Cir	3.78	2.99	21.63	21.46
2	B2-B1	0.13	6.4	0.00	0.00	4.54	0.00	0.15	24	Cir	8.72	4.51	21.75	21.50
3	B3-B2	0.00	5.8	0.00	0.00	0.00	0.00	0.16	24	Cir	8.92	2.02	22.21	22.17
4	B4-B3	0.00	5.0	0.00	0.00	3.49	0.00	0.17	24	Cir	9.33	1.15	22.27	22.26
5	B5-B3	0.47	5.0	0.00	0.00	2.71	0.00	0.15	18	Cir	4.08	1.60	22.30	22.26

25 YEAR STORM PIPE CHART



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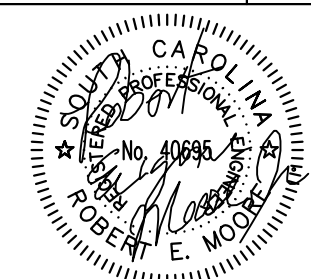
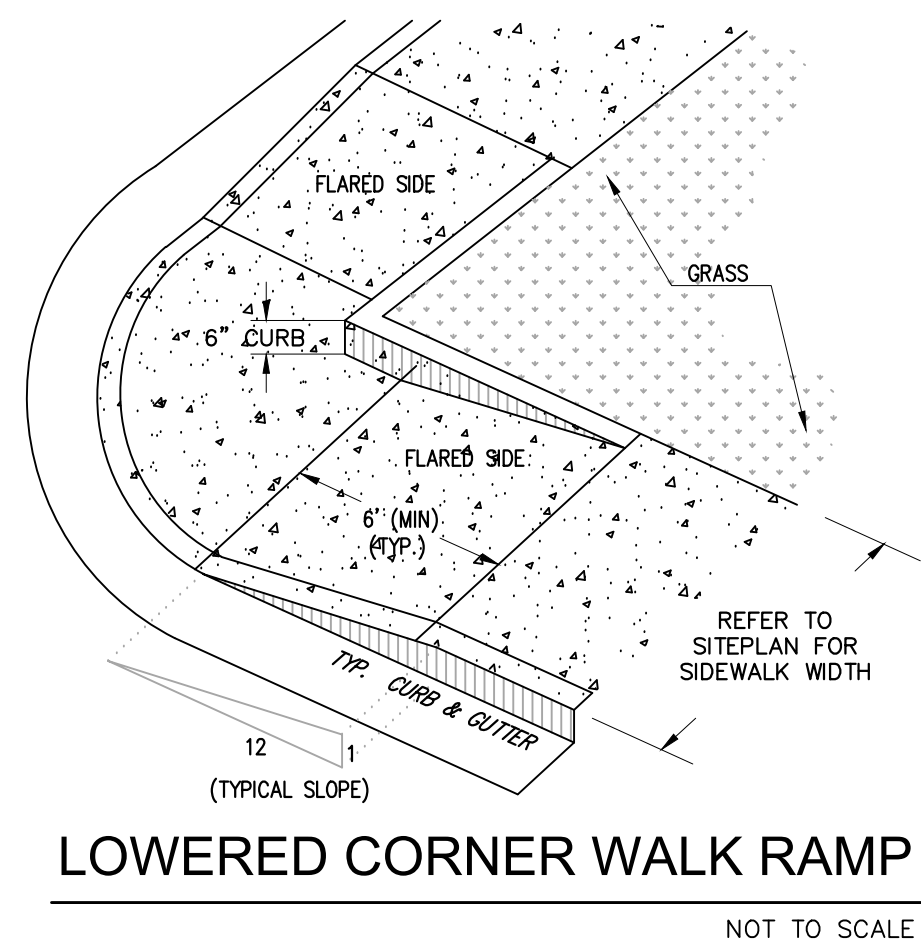
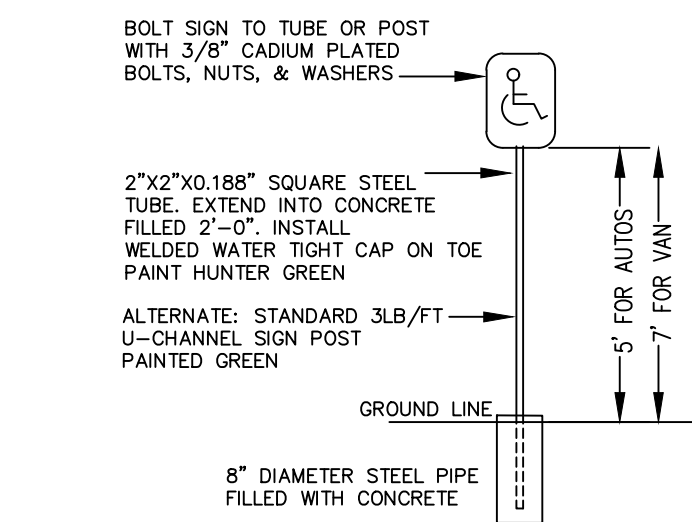
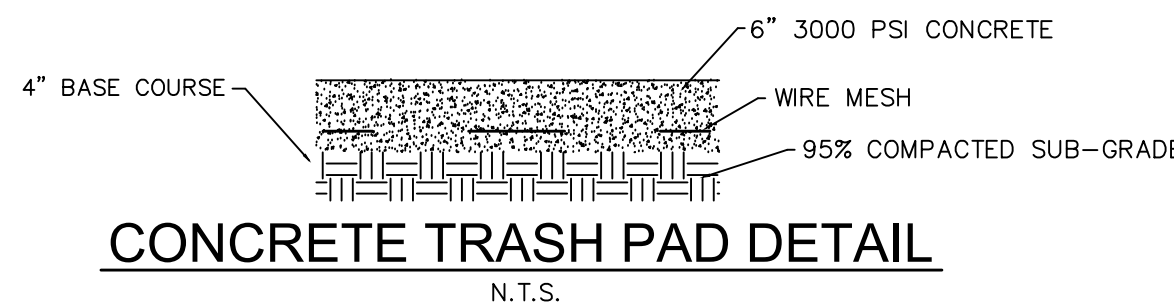
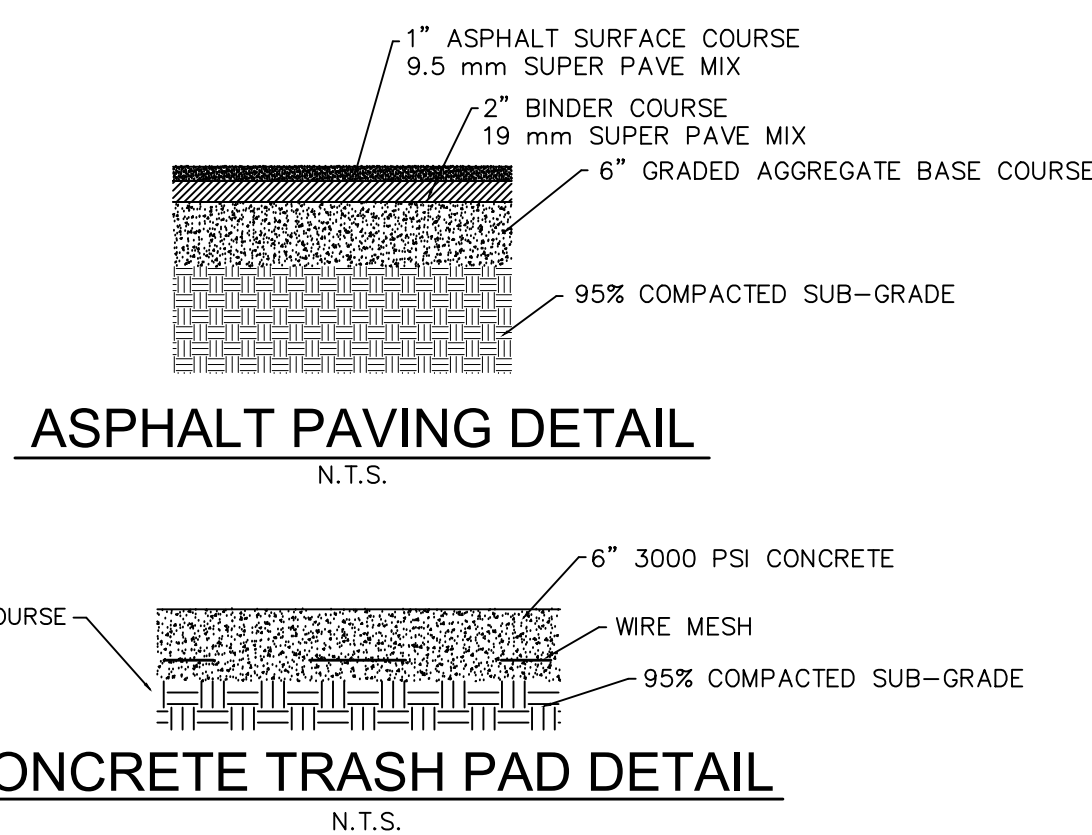
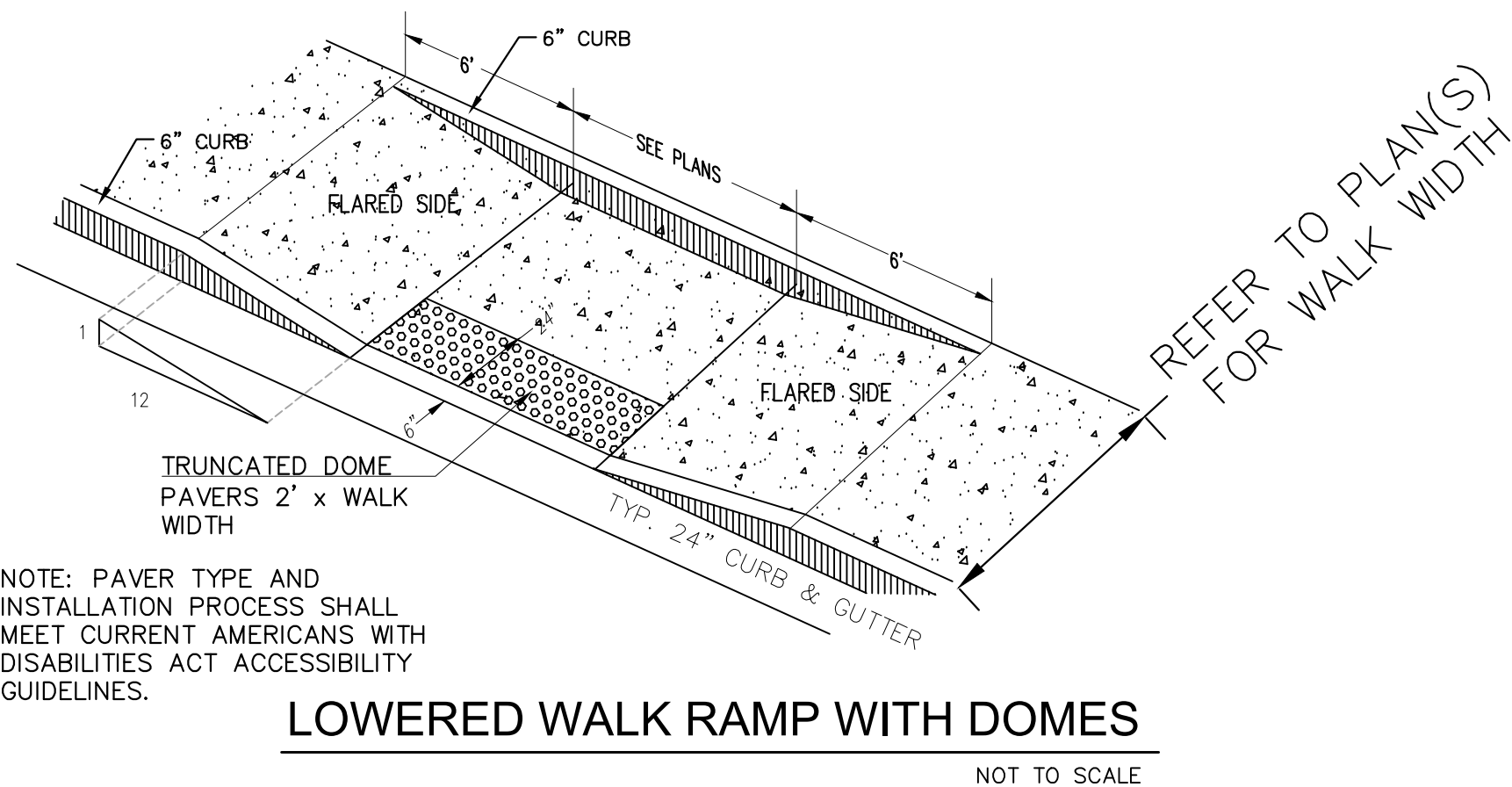
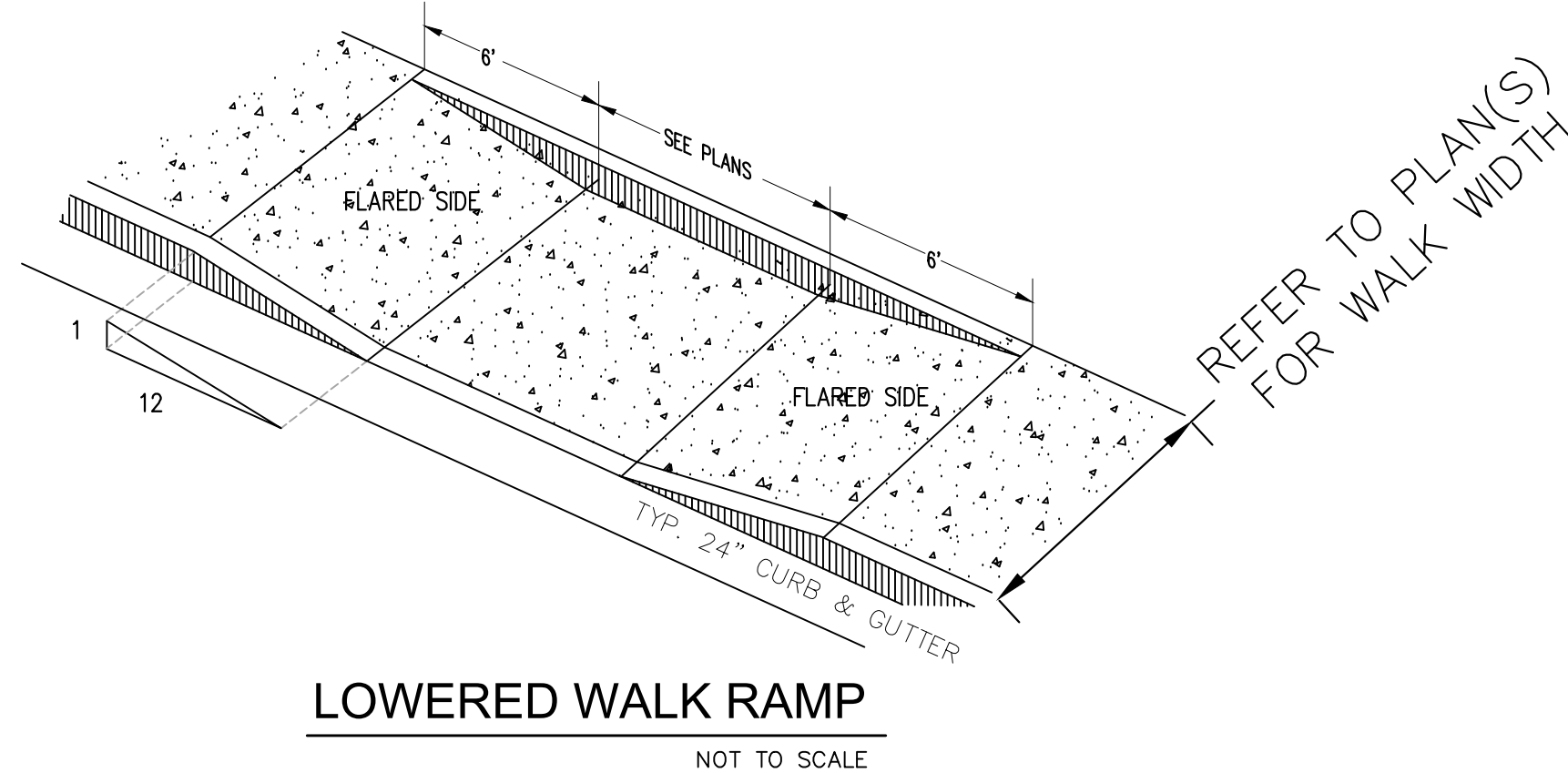
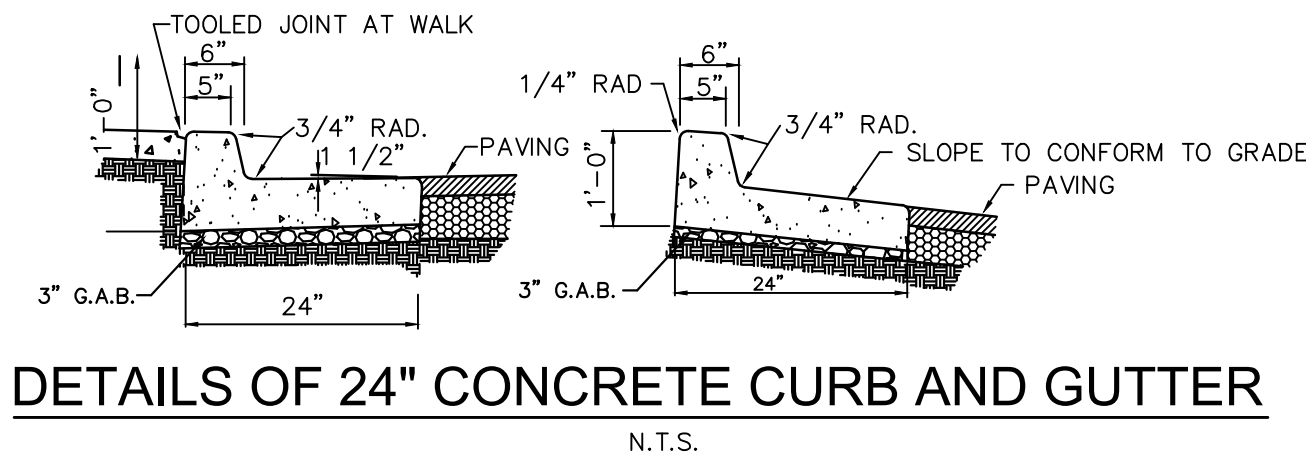
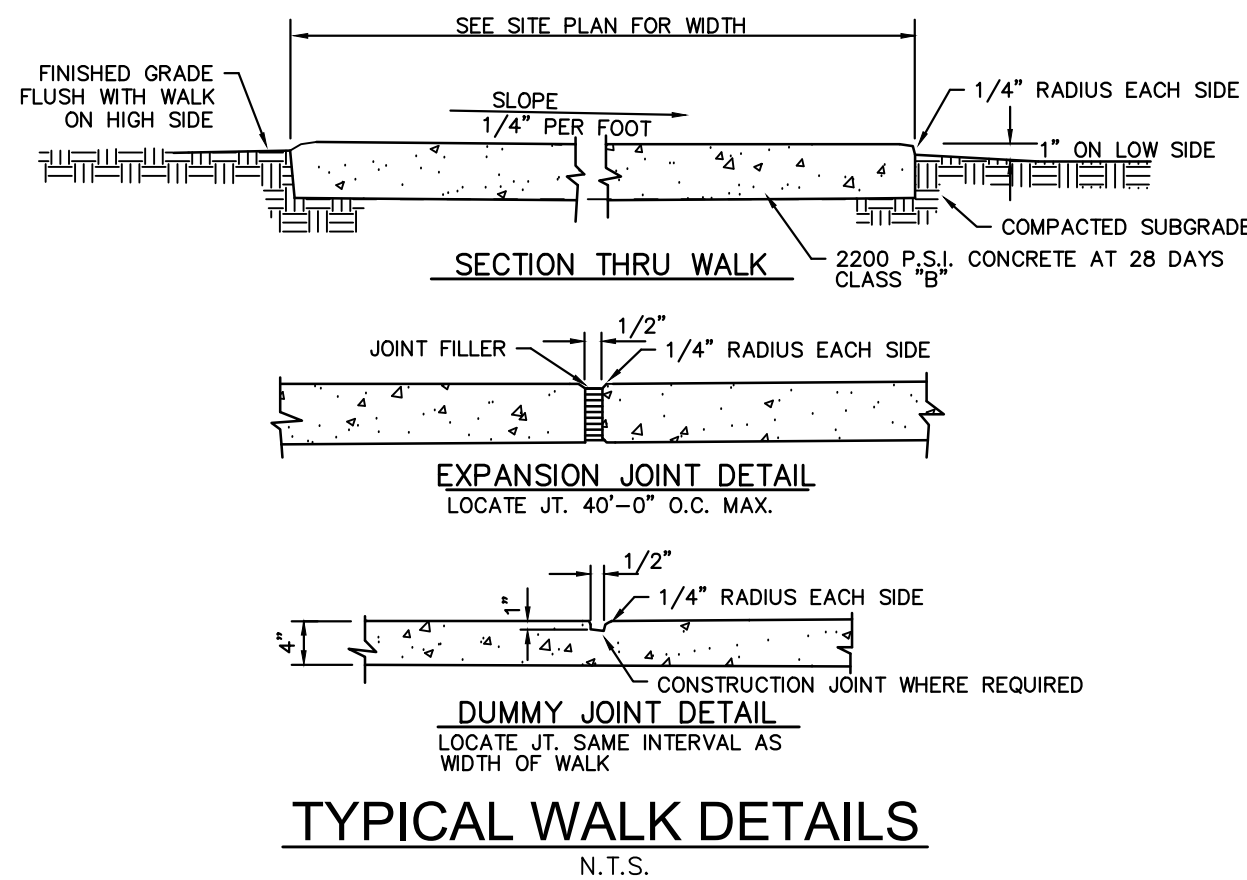
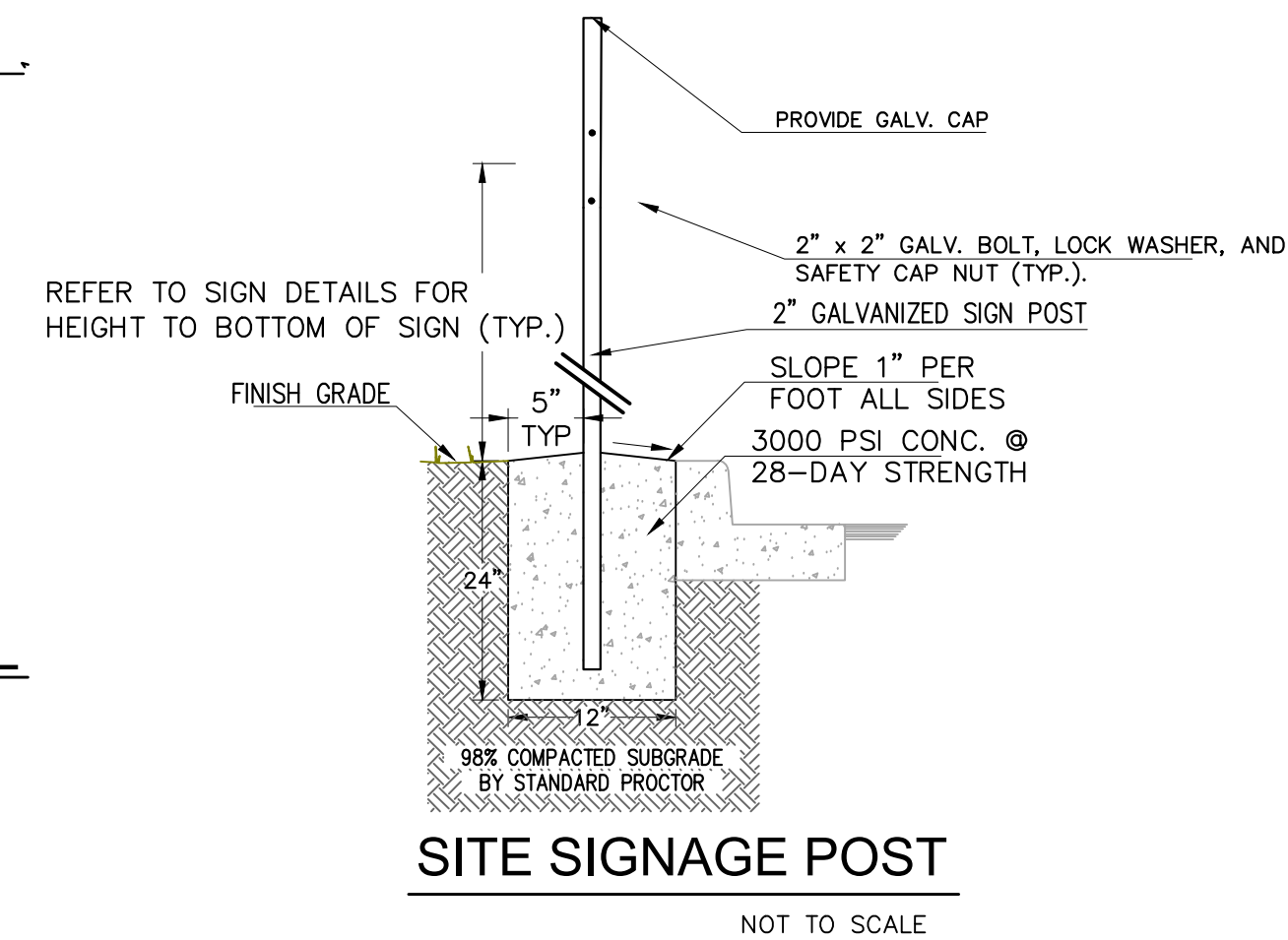
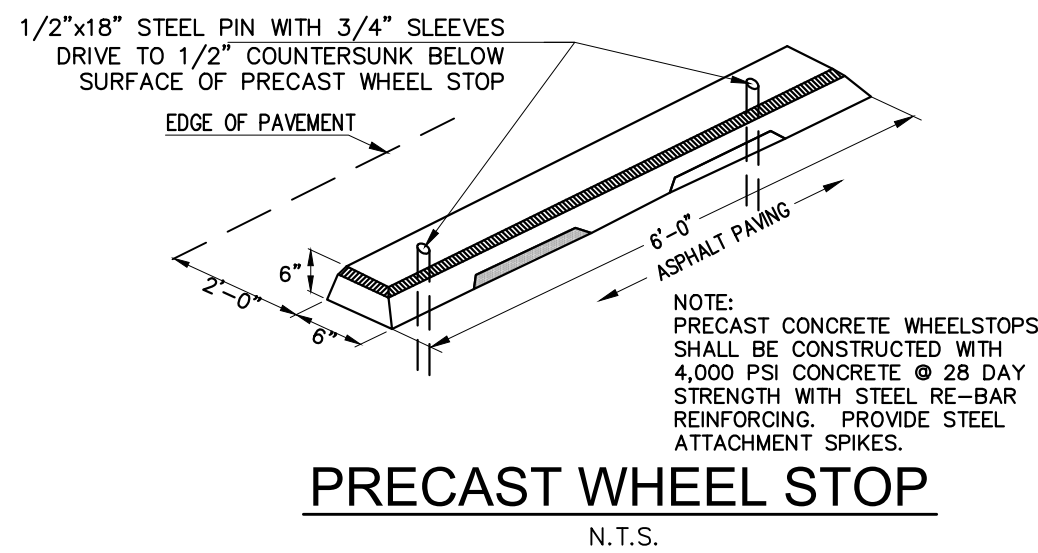
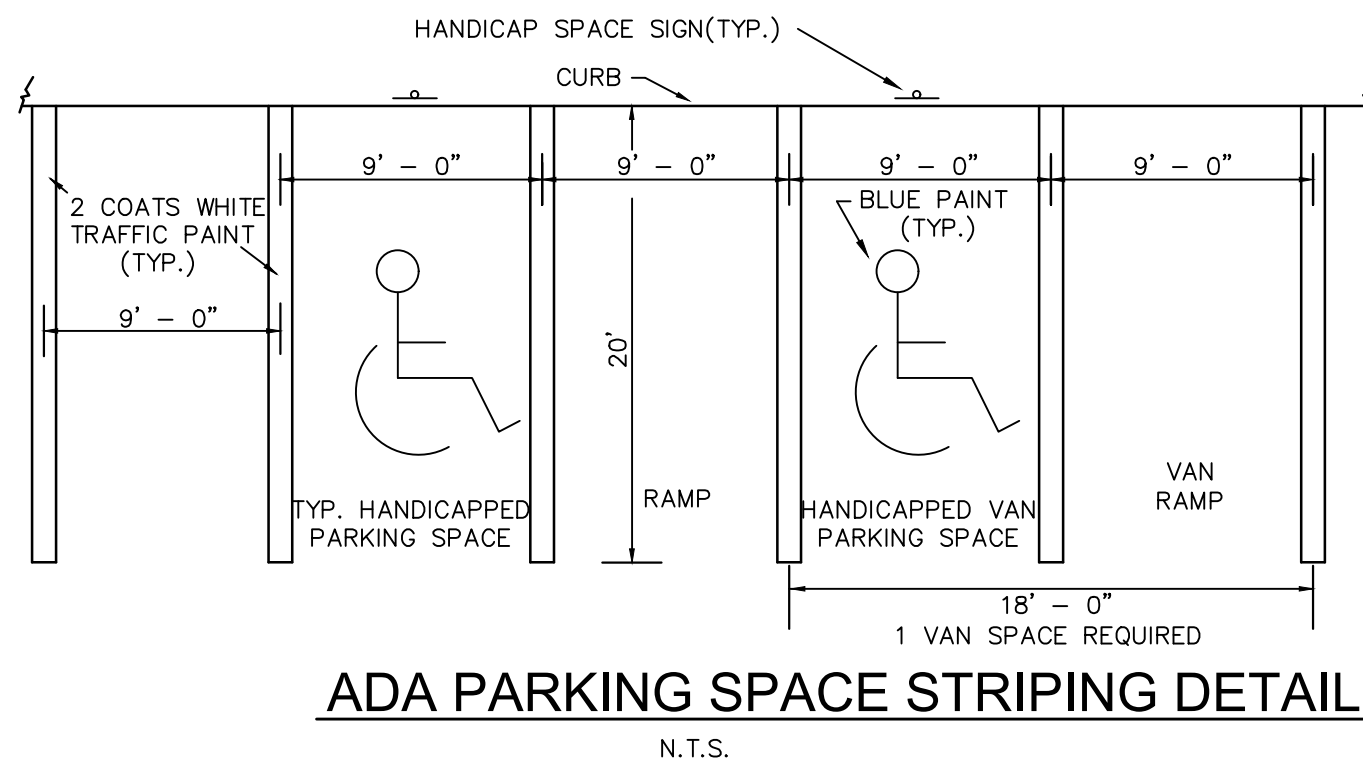
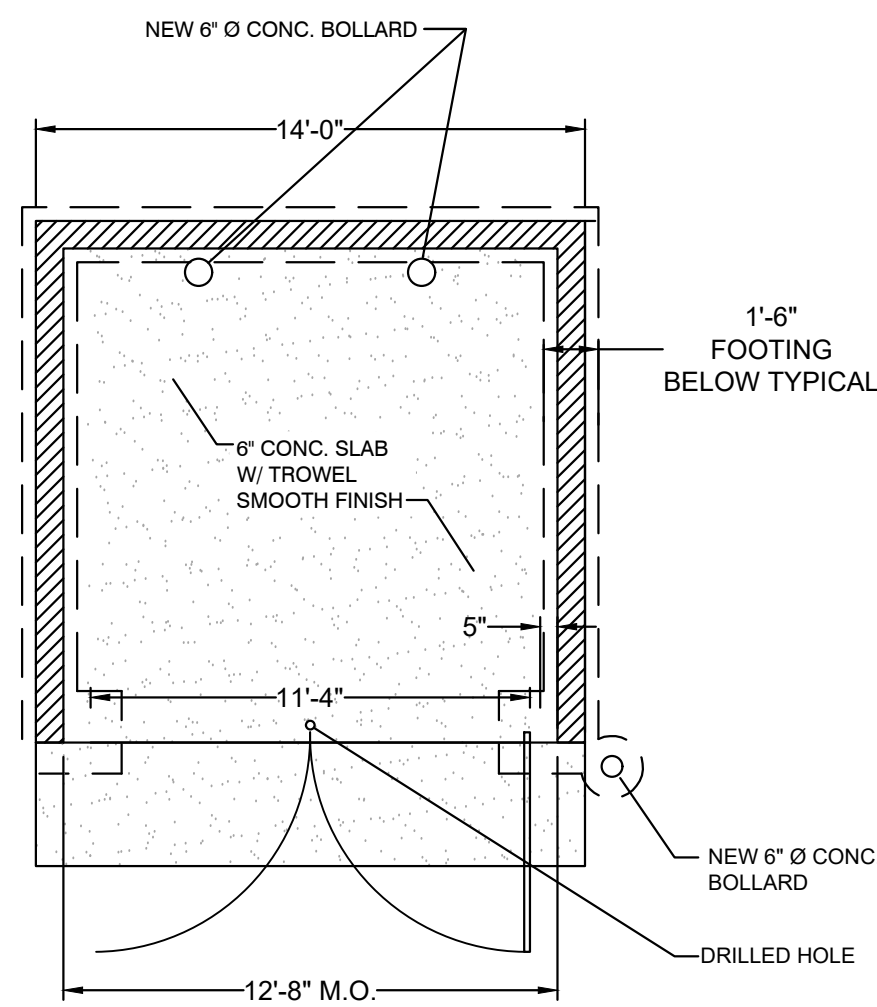
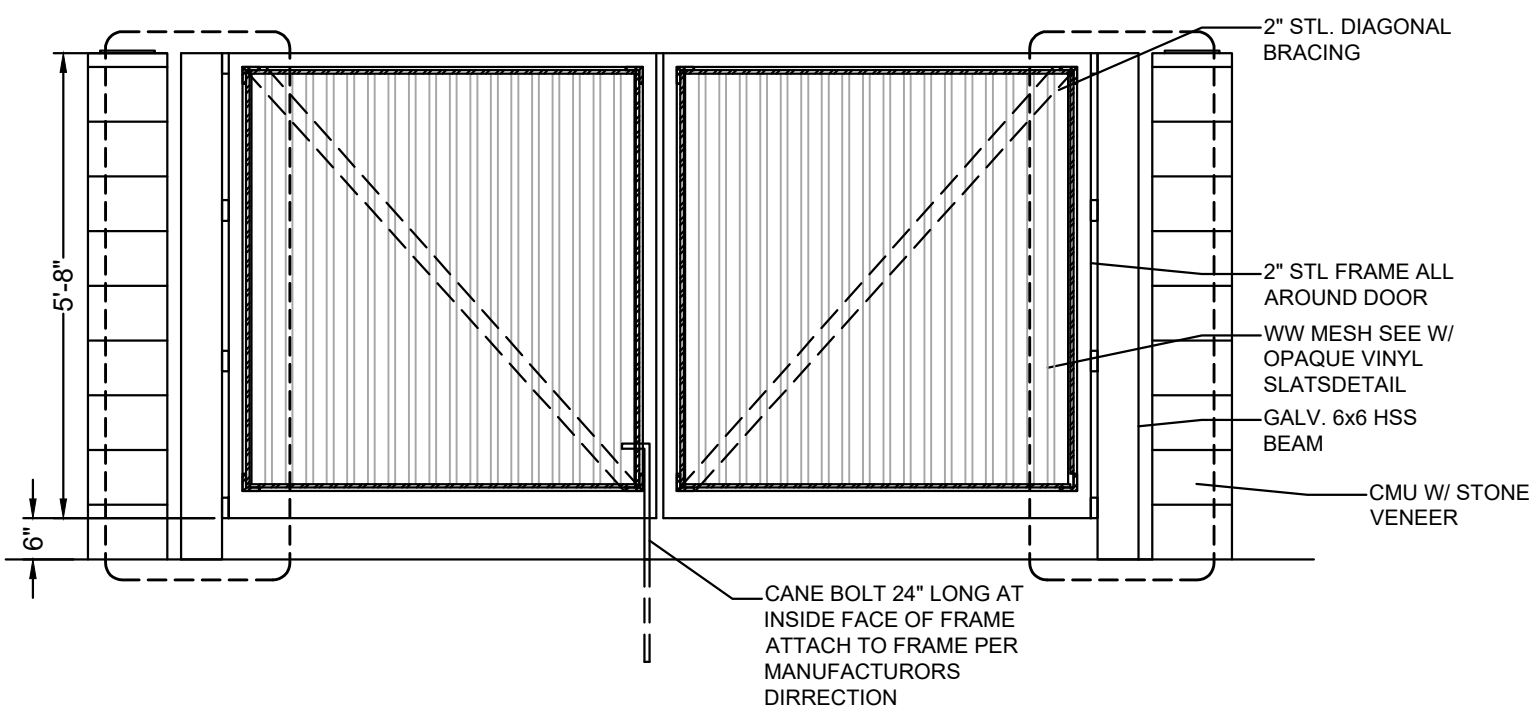
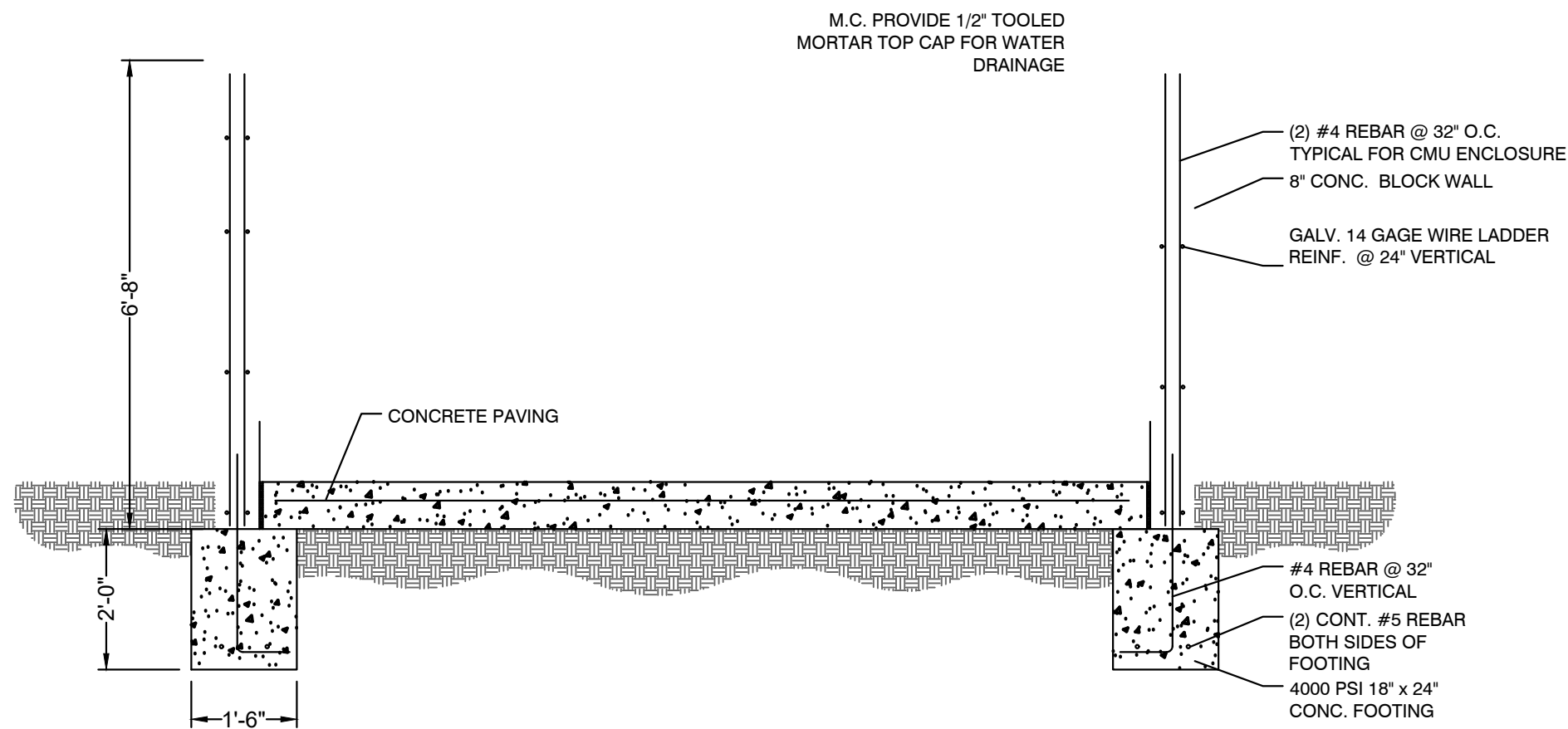
REVISIONS:

11/2/22 PRE-APPLICATION SUBMIT
11/18/22 BLUFFTON COMMENTS
11/22/22 BJWSA COMMENTS
1/23/23 BLUFFTON COMMENTS

PINELLAS OFFICES
PINELLAS DRIVE
BLUFFTON, SC

SHEET TITLE:
STORM PROFILES
& DETAILS

SHEET NUMBER:
C.310



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24 HOUR CONTACT
KEN TOSKY

CLIENT:
KENNETH SCOTT BUILDERS
254 RED CEDAR STREET,
SUITE 12
BLUFFTON, SC 29910
843-247-1025
KEN@KENNETHSCOTTBUILDERS.COM

OWNER INFORMATION:
KENNETH SCOTT BUILDERS
254 RED CEDAR STREET,
SUITE 12
BLUFFTON, SC 29910
843-247-1025
KEN@KENNETHSCOTTBUILDERS.COM

TMP PIN R610-022-000-1143

REVISIONS:

NO.	DATE	DESCRIPTION
11/2/22	PRE-APPLICATION SUBMIT	
11/18/22	BLUFFTON COMMENTS	
11/22/22	BJWSA COMMENTS	
1/23/23	BLUFFTON COMMENTS	

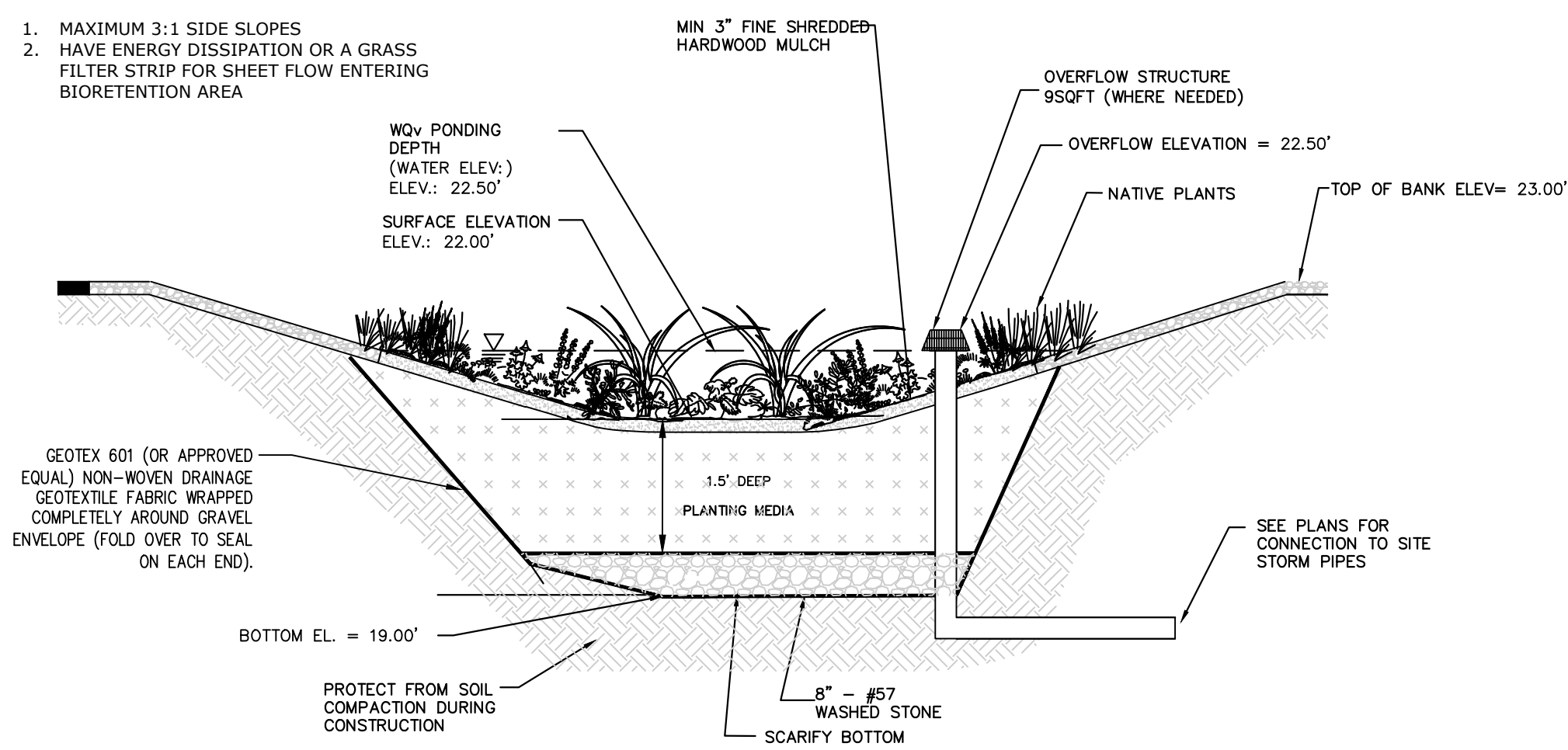
PINELLAS OFFICES
PINELLAS DRIVE
BLUFFTON, SC

SHEET TITLE:
CONSTRUCTION
DETAILS

SHEET NUMBER:
C.400

NOTES TO DESIGNERS:

1. MAXIMUM 3:1 SIDE SLOPES
2. HAVE ENERGY DISSIPATION OR A GRASS FILTER STRIP FOR SHEET FLOW ENTERING BIORETENTION AREA

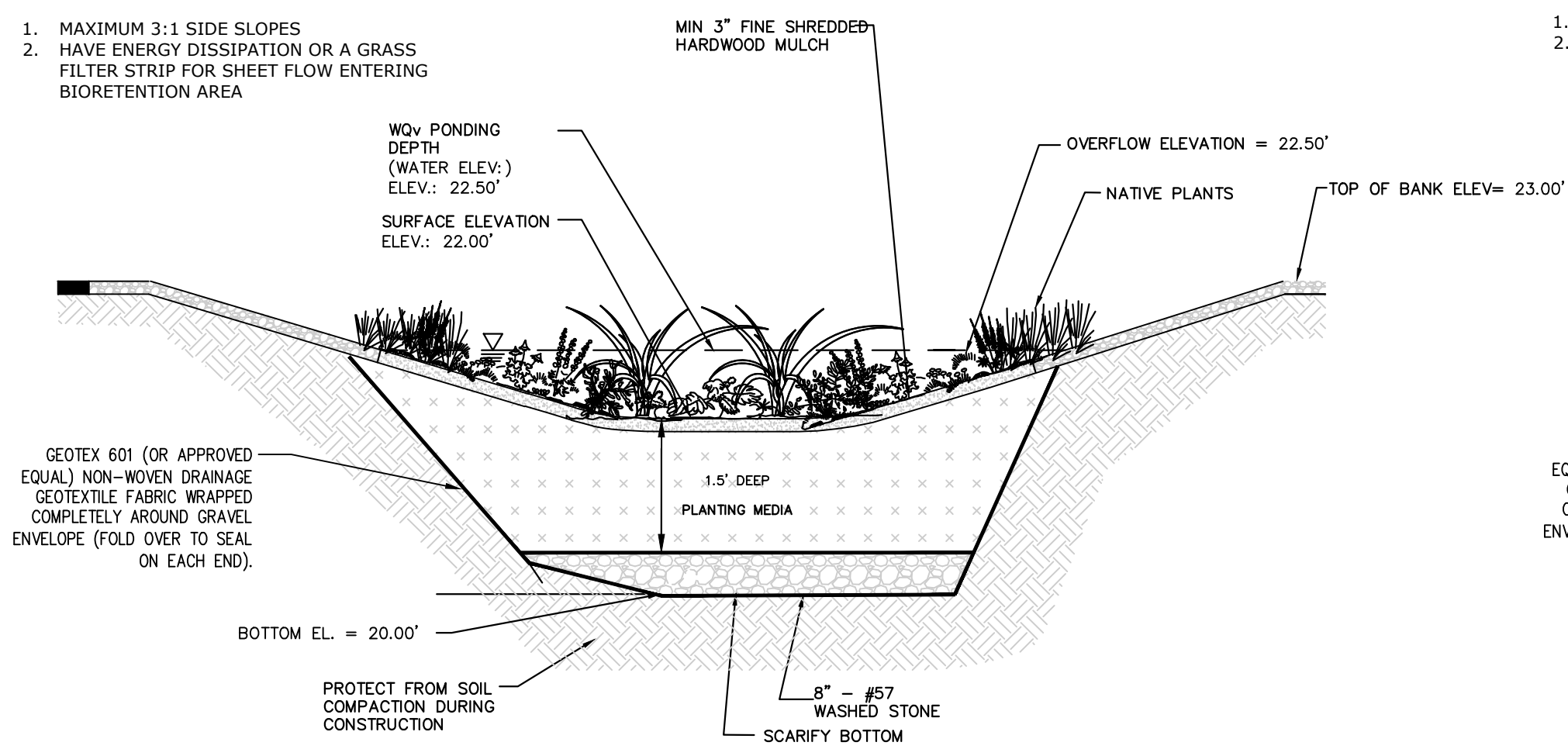


BIORETENTION A W/ UNDERDRAIN

scale: NTS

NOTES TO DESIGNERS:

1. MAXIMUM 3:1 SIDE SLOPES
2. HAVE ENERGY DISSIPATION OR A GRASS FILTER STRIP FOR SHEET FLOW ENTERING BIORETENTION AREA

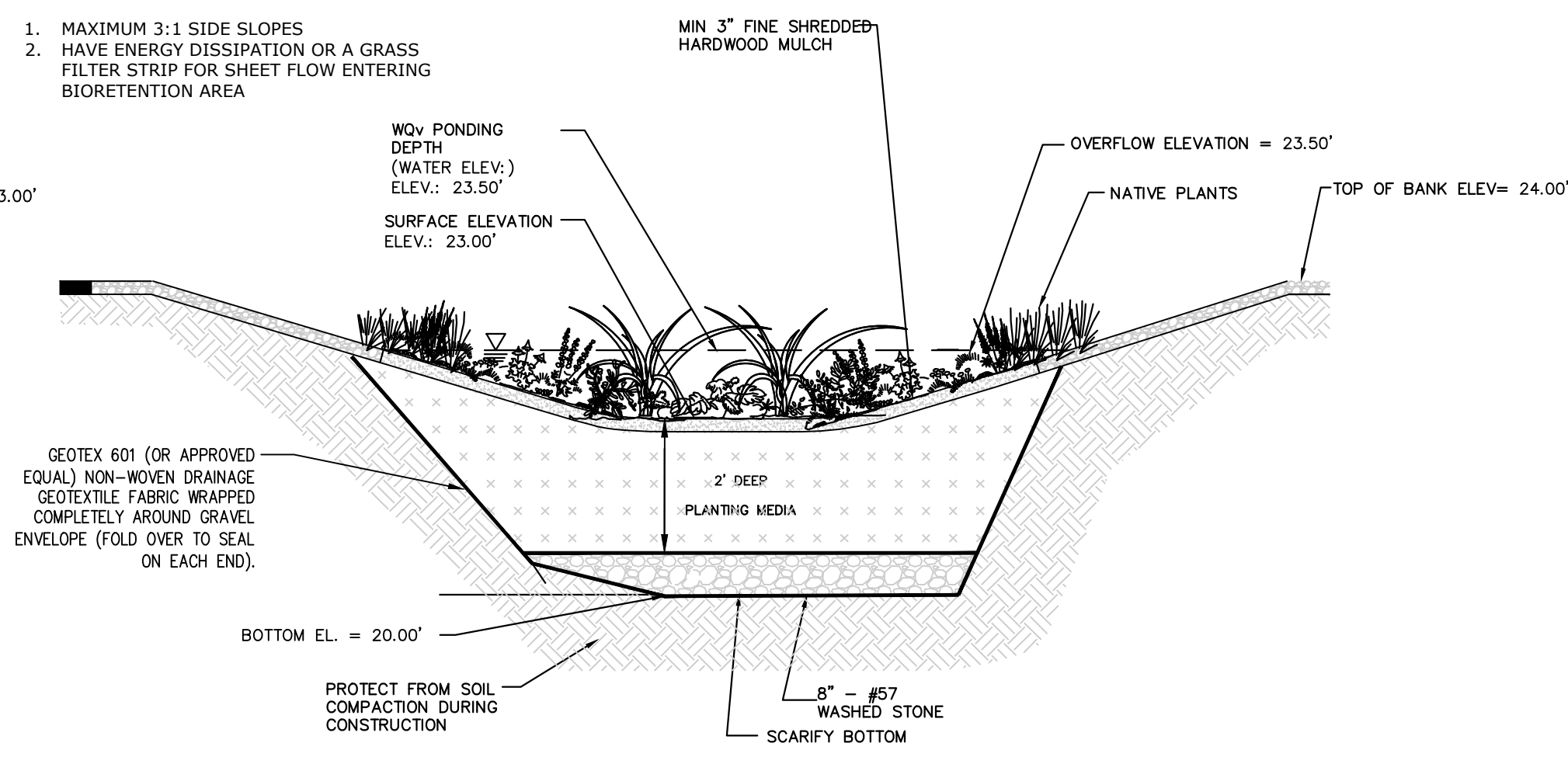


BIORETENTION D W/ SPILLWAY(SEE SHEET C310 FOR DETAIL)

scale: NTS

NOTES TO DESIGNERS:

1. MAXIMUM 3:1 SIDE SLOPES
2. HAVE ENERGY DISSIPATION OR A GRASS FILTER STRIP FOR SHEET FLOW ENTERING BIORETENTION AREA

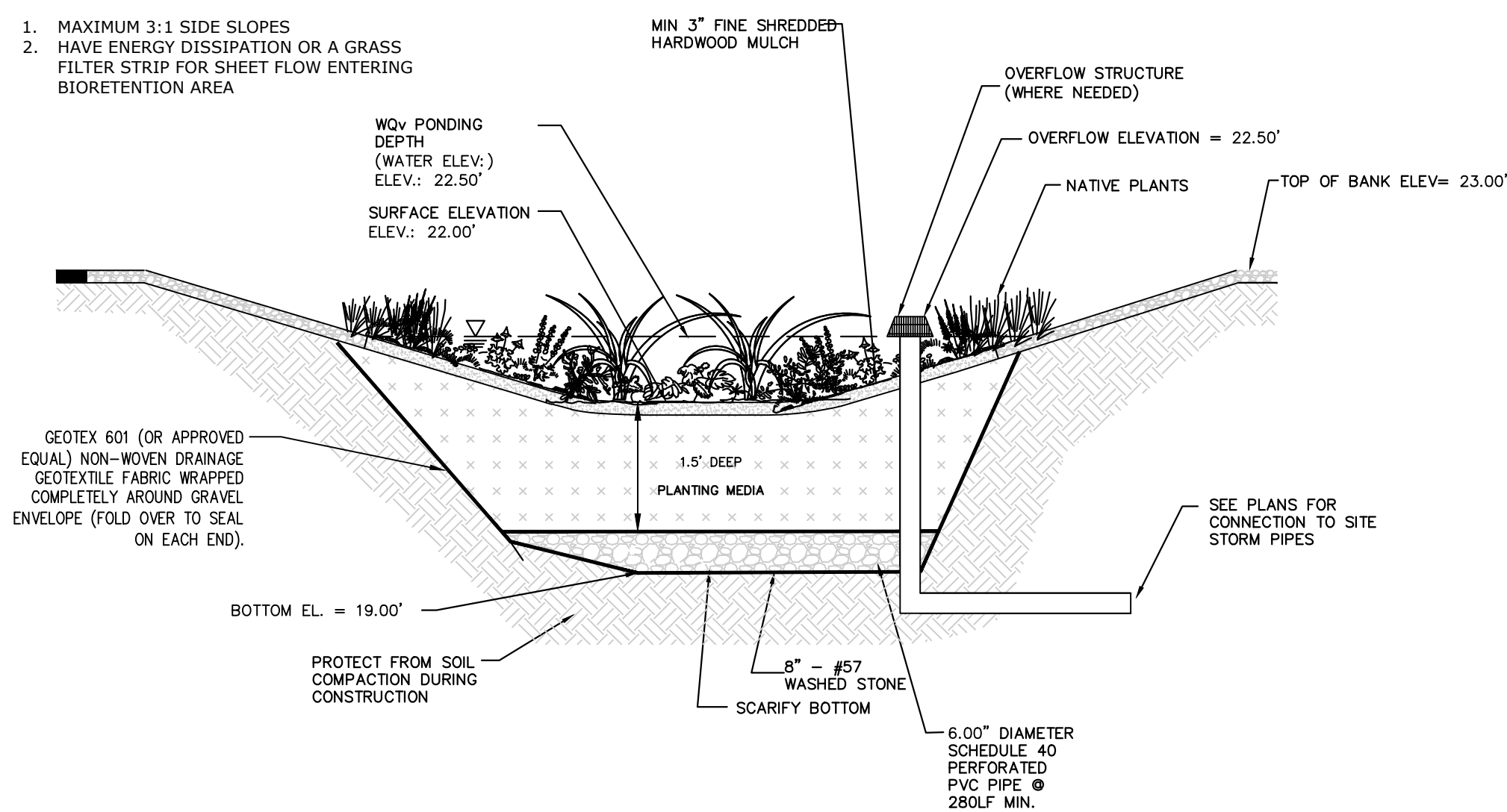


BIORETENTION G W/ SPILLWAY(SEE SHEET C310 FOR DETAIL)

scale: NTS

NOTES TO DESIGNERS:

1. MAXIMUM 3:1 SIDE SLOPES
2. HAVE ENERGY DISSIPATION OR A GRASS FILTER STRIP FOR SHEET FLOW ENTERING BIORETENTION AREA

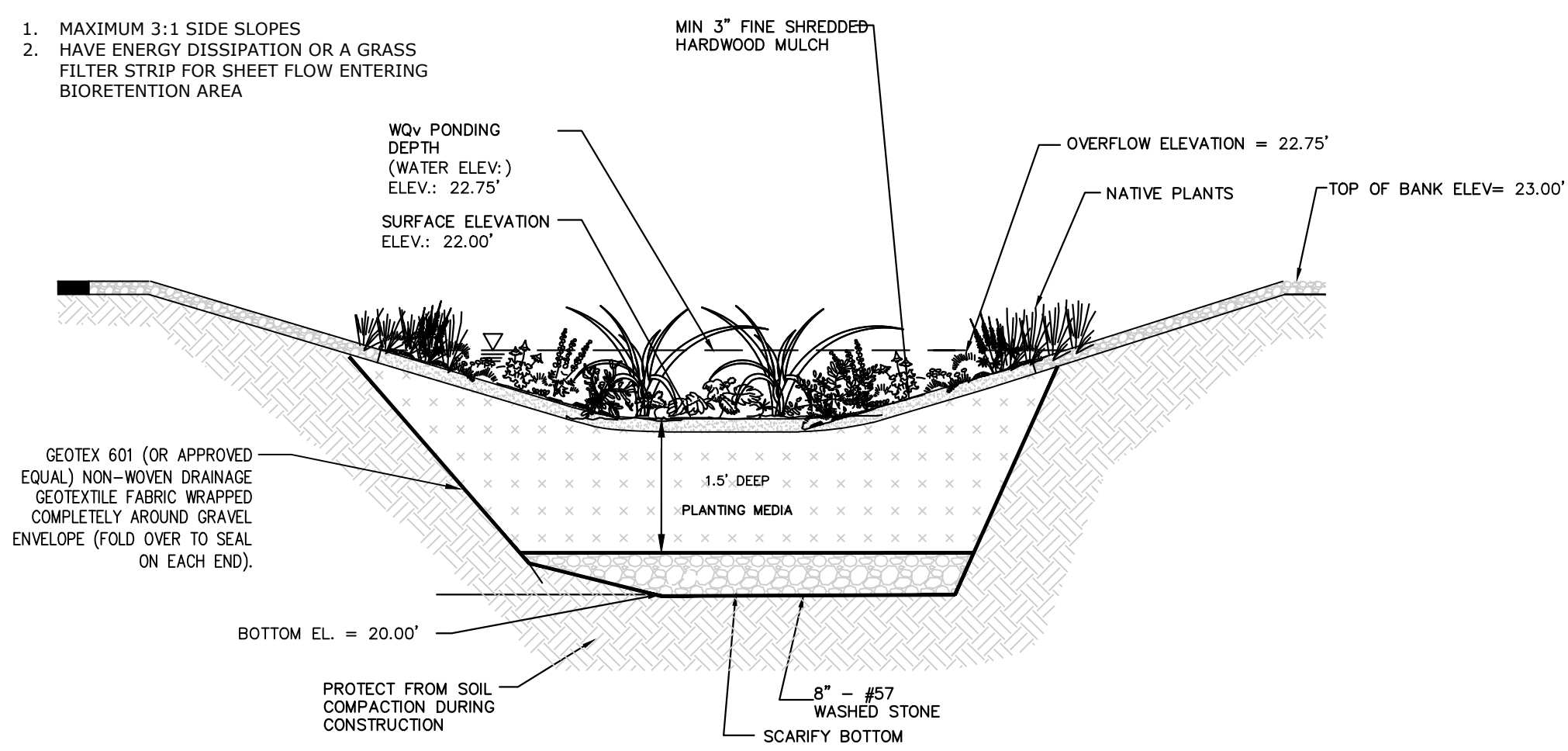


BIORETENTION B W/ UNDERDRAIN

scale: NTS

NOTES TO DESIGNERS:

1. MAXIMUM 3:1 SIDE SLOPES
2. HAVE ENERGY DISSIPATION OR A GRASS FILTER STRIP FOR SHEET FLOW ENTERING BIORETENTION AREA

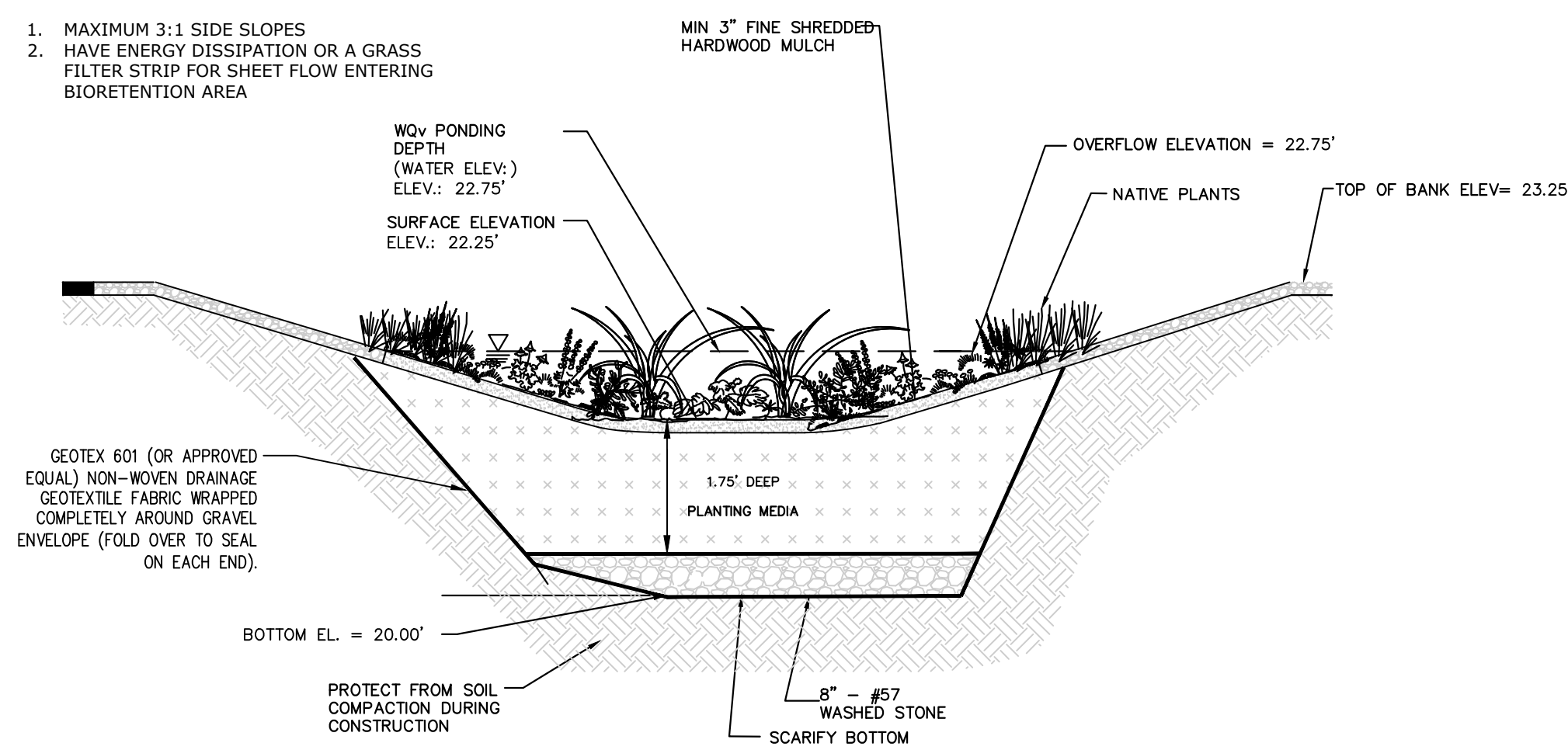


BIORETENTION E W/ SPILLWAY(SEE SHEET C310 FOR DETAIL)

scale: NTS

NOTES TO DESIGNERS:

1. MAXIMUM 3:1 SIDE SLOPES
2. HAVE ENERGY DISSIPATION OR A GRASS FILTER STRIP FOR SHEET FLOW ENTERING BIORETENTION AREA

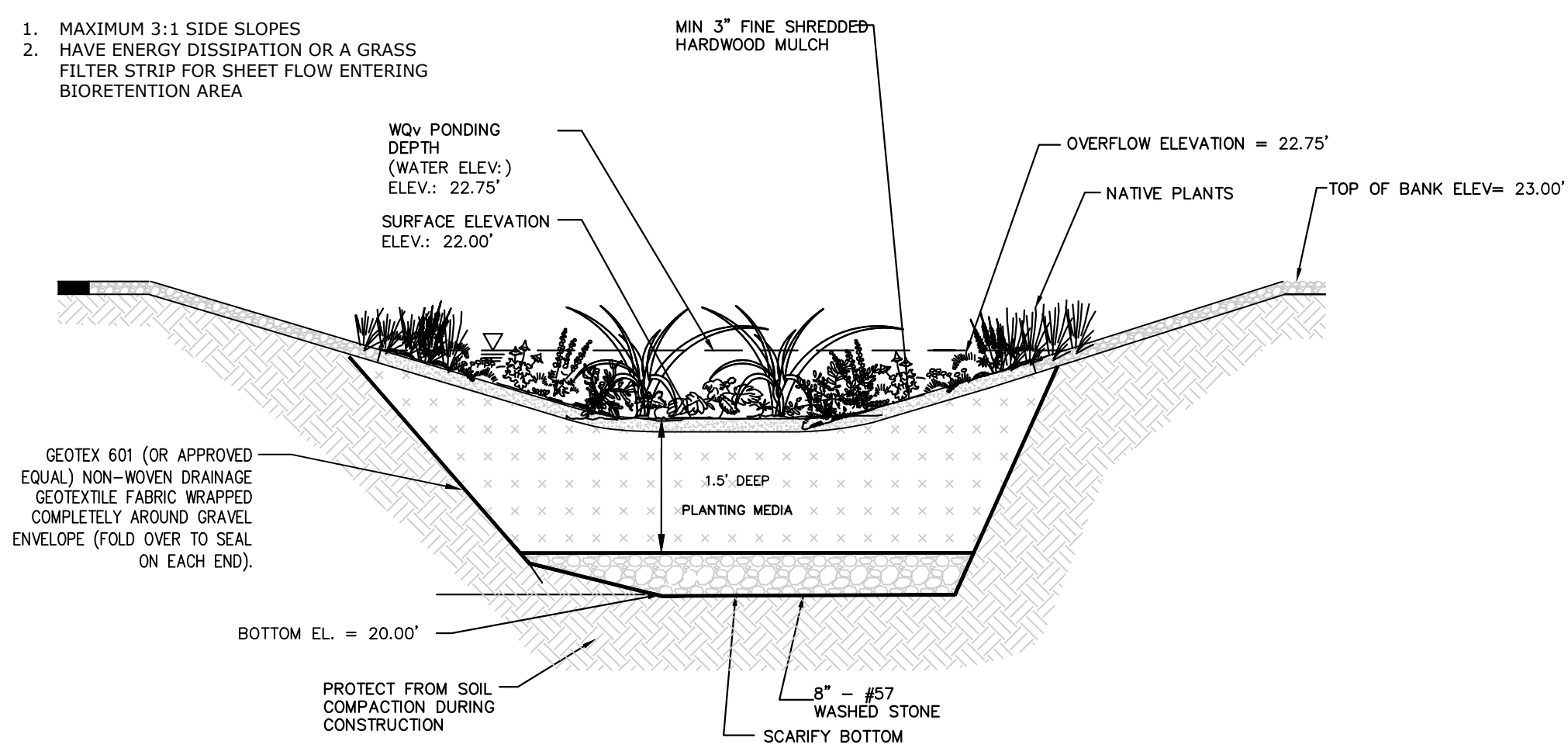


BIORETENTION C W/ SPILLWAY(SEE SHEET C310 FOR DETAIL)

scale: NTS

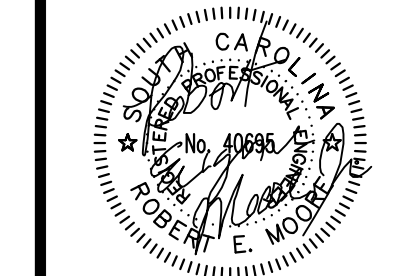
NOTES TO DESIGNERS:

1. MAXIMUM 3:1 SIDE SLOPES
2. HAVE ENERGY DISSIPATION OR A GRASS FILTER STRIP FOR SHEET FLOW ENTERING BIORETENTION AREA



BIORETENTION F W/ SPILLWAY(SEE SHEET C310 FOR DETAIL)

scale: NTS



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KEN TOSKY

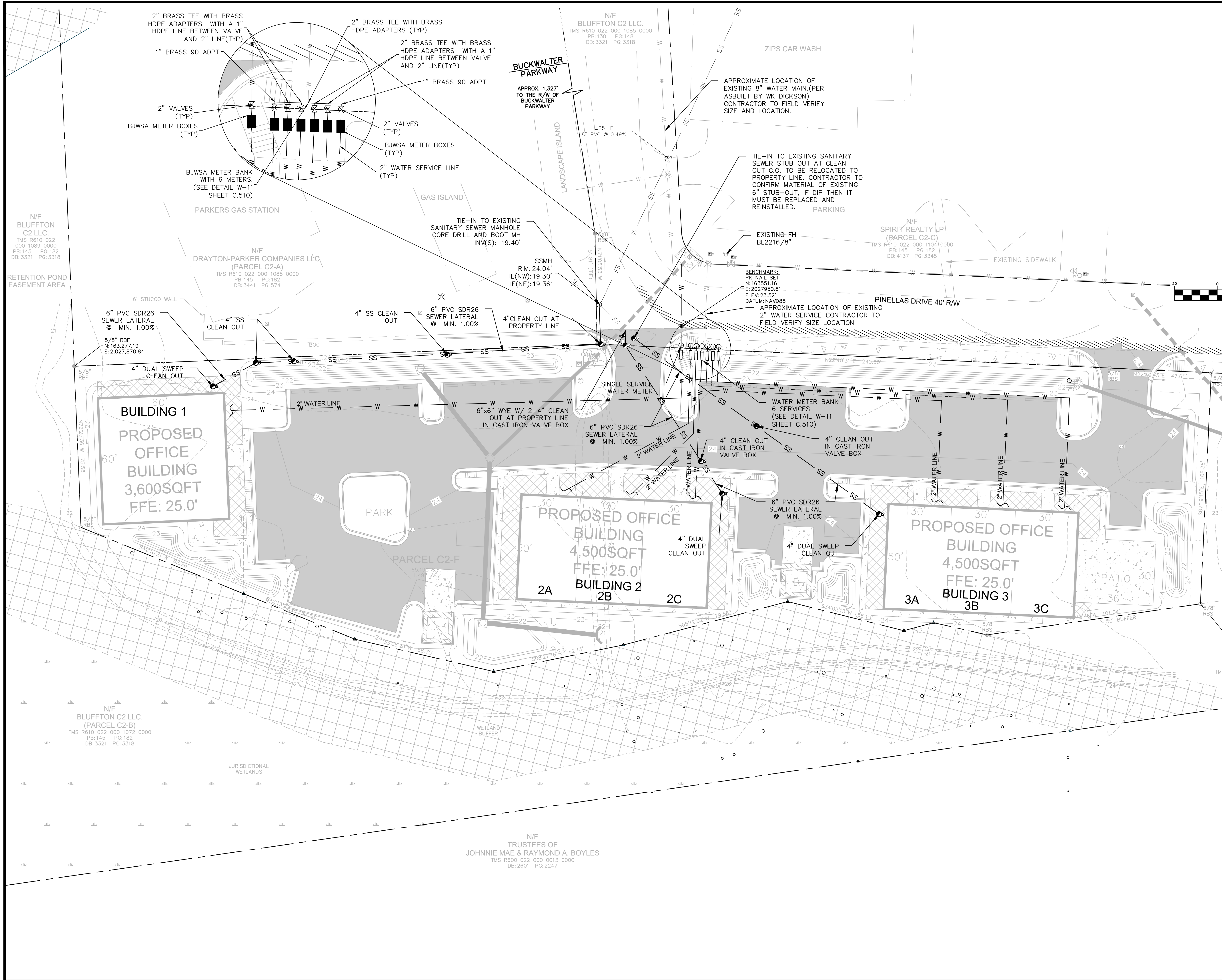
CLIENT:
KENNETH SCOTT BUILDERS
254 RED CEDAR STREET,
SUITE 12
BLUFFTON, SC 29910
843-247-1025
KEN@KENNETHSCOTTBUILDERS.COM

OWNER INFORMATION:
KENNETH SCOTT BUILDERS
254 RED CEDAR STREET,
SUITE 12
BLUFFTON, SC 29910
843-247-1025
KEN@KENNETHSCOTTBUILDERS.COM

TMP PIN R616-022-000-1143

REVISIONS:

11/2/22	PRE-APPLICATION SUBMIT
11/18/22	BLUFFTON COMMENTS
11/22/22	BJWSA COMMENTS
1/23/23	BLUFFTON COMMENTS



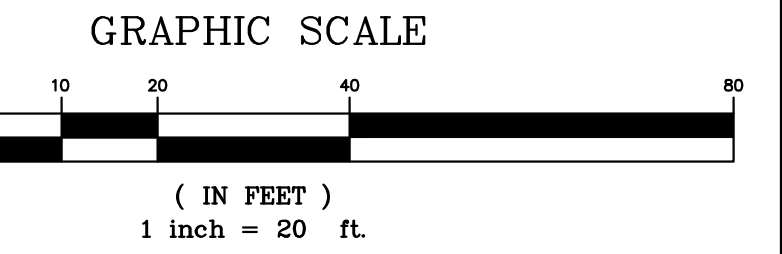
CAUTION

CONTRACTOR SHALL BE RESPONSIBLE FOR SECURING THE SERVICES OF A PRIVATE UTILITY LOCATOR FIRM DURING THE ENTIRE COURSE OF CONSTRUCTION. CONTRACTOR SHALL PAY FOR SAID SERVICES. CONTRACTOR SHALL REPAIR ALL UTILITIES DAMAGED BY CONSTRUCTION ACTIVITIES, AT NO ADDITIONAL COST TO THE OWNER/DEVELOPER.

THE UTILITIES SHOWN ARE SHOWN FOR THE CONTRACTOR'S CONVENIENCE ONLY. THERE MAY BE OTHER UTILITIES NOT SHOWN ON THESE PLANS. THE SITE DESIGN PROFESSIONAL ASSUMES NO RESPONSIBILITY FOR THE LOCATIONS SHOWN AND IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY THE LOCATIONS OF UTILITIES WITHIN THE LIMITS OF THE WORK. DAMAGE TO EXISTING UTILITIES BY THE CONTRACTOR, FROM HIS/HER OPERATIONS SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.

CONTRACTOR SHALL BE RESPONSIBLE FOR COMPACTION OF BACKFILL OF ALL UTILITY TRENCHES WITHIN SITE WORK LIMITS. THIS INCLUDES TRENCHES DUG AND BACKFILLED BY LOCAL UTILITIES, SUCH AS POWER, GAS, TELEPHONE, ETC. CONTRACTOR SHALL PROVIDE ADDITIONAL BACKFILL AND COMPACTION AS NECESSARY, IF SETTLEMENT OCCURS.

DO NOT DUPLICATE DRAWINGS WITHOUT PERMISSION

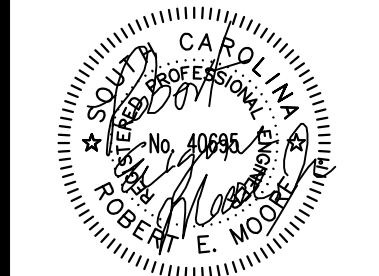


MOORE CIVIL

CONSULT 7-DESIGN-ENGINEER

ROBERT@MOORECIVIL.COM

706.224.1629



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KEN TOSKY

CLIENT:

KENNETH SCOTT BUILDERS
254 RED CEDAR STREET,
SUITE 12
BLUFFTON, SC 29910
843-247-1025
KEN@KENNETHSCOTTBUILDERS.COM

OWNER INFORMATION:

KENNETH SCOTT BUILDERS
254 RED CEDAR STREET,
SUITE 12
BLUFFTON, SC 29910
843-247-1025
KEN@KENNETHSCOTTBUILDERS.COM

TMP PIN R610-022-000-1143

REVISIONS:

DATE	DESCRIPTION
11/2/22	PRE-APPLICATION SUBMIT
11/18/22	BLUFFTON COMMENTS
11/22/22	BJWSA COMMENTS
1/23/23	BLUFFTON COMMENTS

PINELLAS OFFICES

PINELLAS DRIVE
BLUFFTON, SC

SHEET TITLE:
UTILITY PLAN

SHEET NUMBER:
C.500





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KEN TOSKY

CLIENT:
KENNETH SCOTT BUILDERS
254 RED CEDAR STREET,
SUITE 12
BLUFFTON, SC 29910
843-247-1025
KEN@KENNETHSCOTTBUILDERS.COM

OWNER INFORMATION:
KENNETH SCOTT BUILDERS
254 RED CEDAR STREET,
SUITE 12
BLUFFTON, SC 29910
843-247-1025
KEN@KENNETHSCOTTBUILDERS.COM

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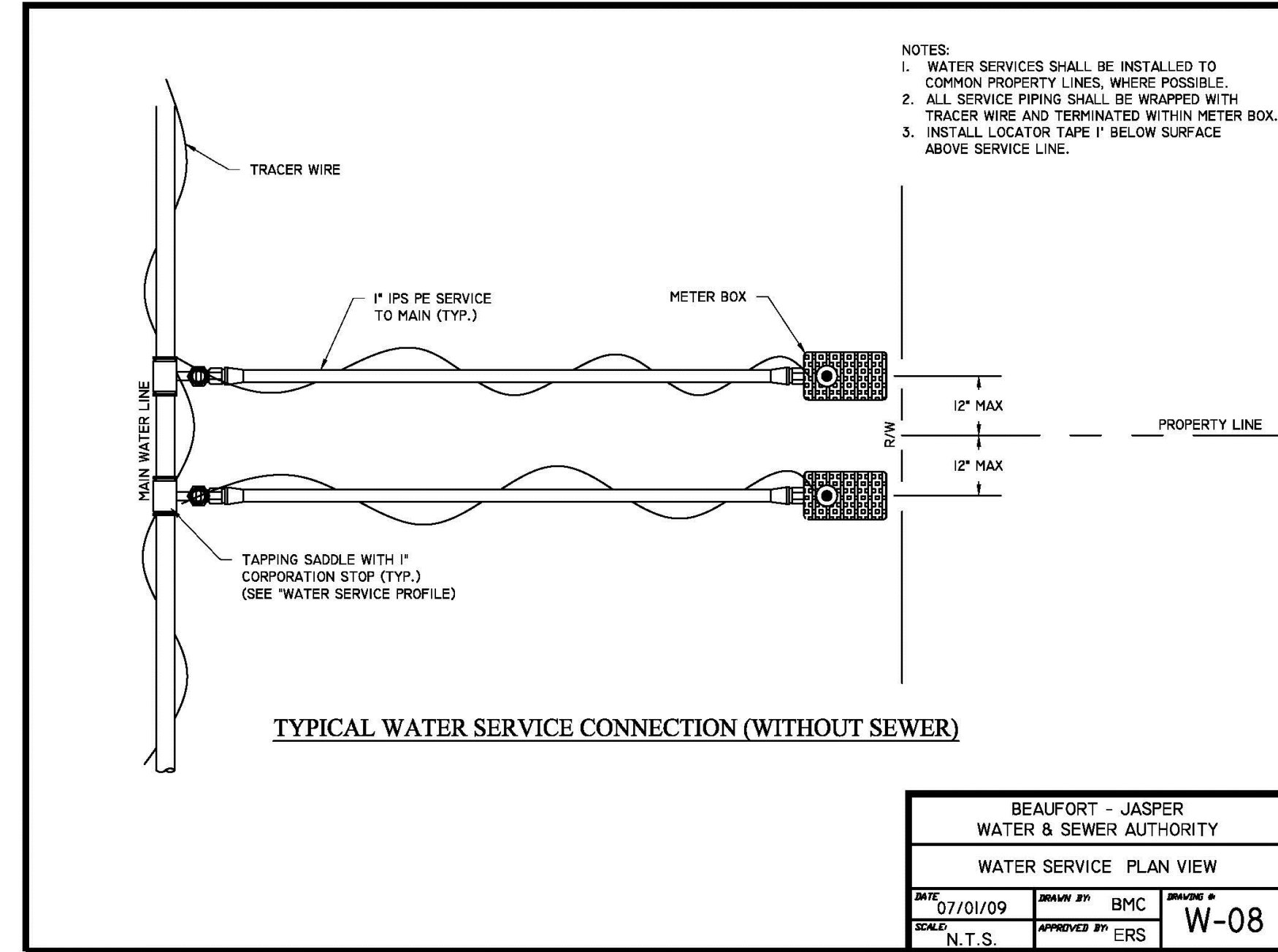
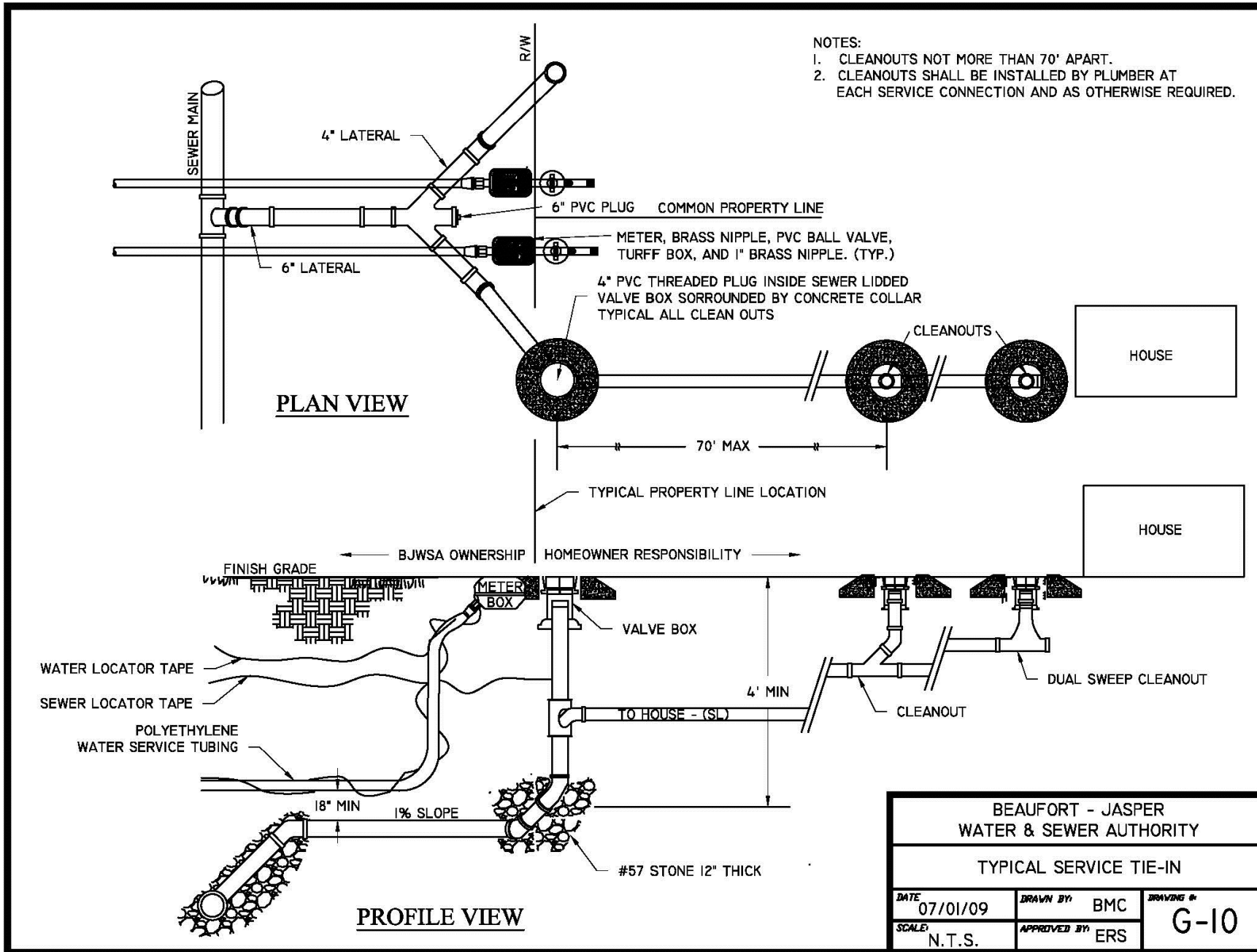
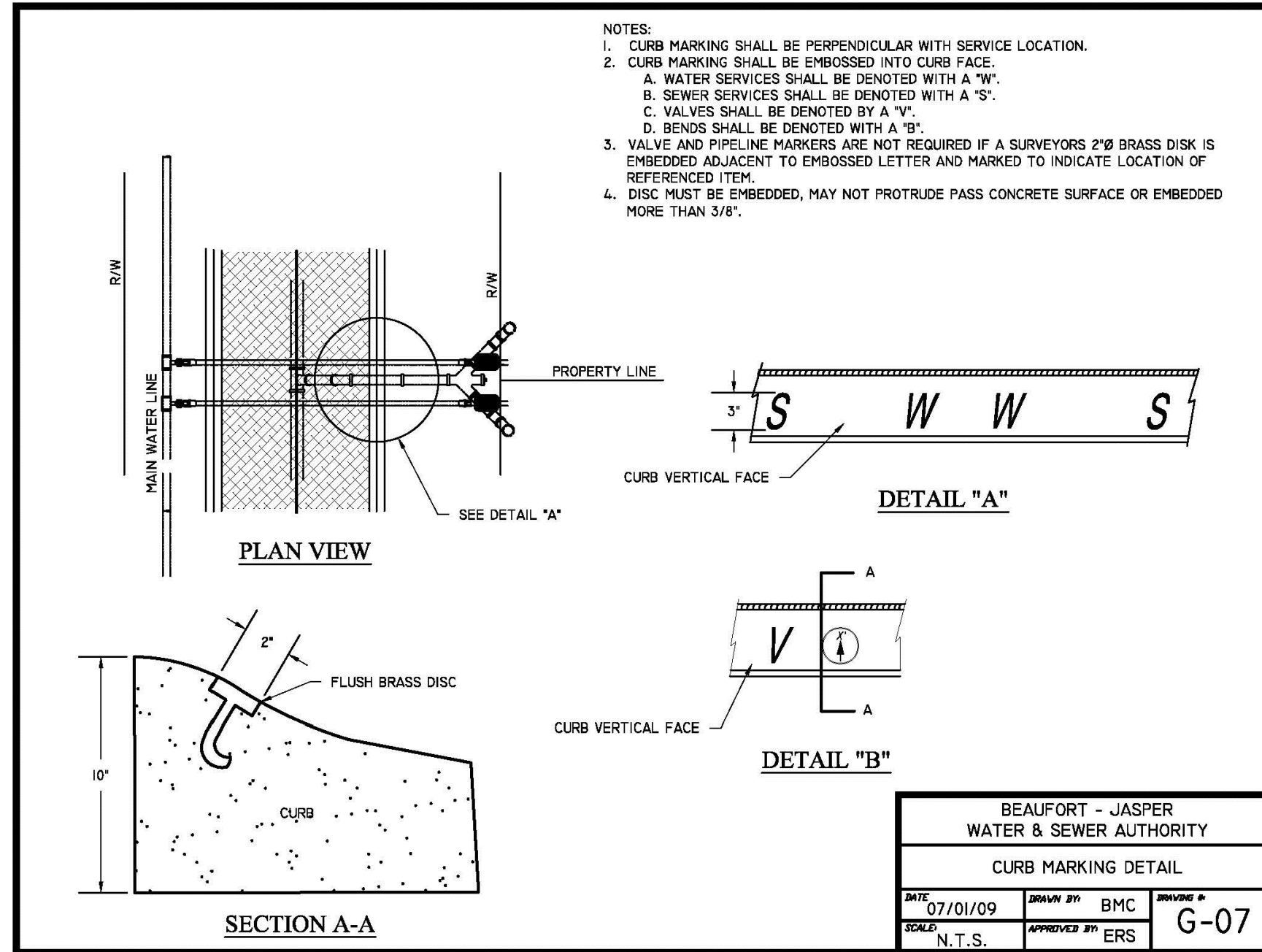
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11/18/22	BLUFFTON COMMENTS
11/22/22	BJWSA COMMENTS
1/23/23	BLUFFTON COMMENTS

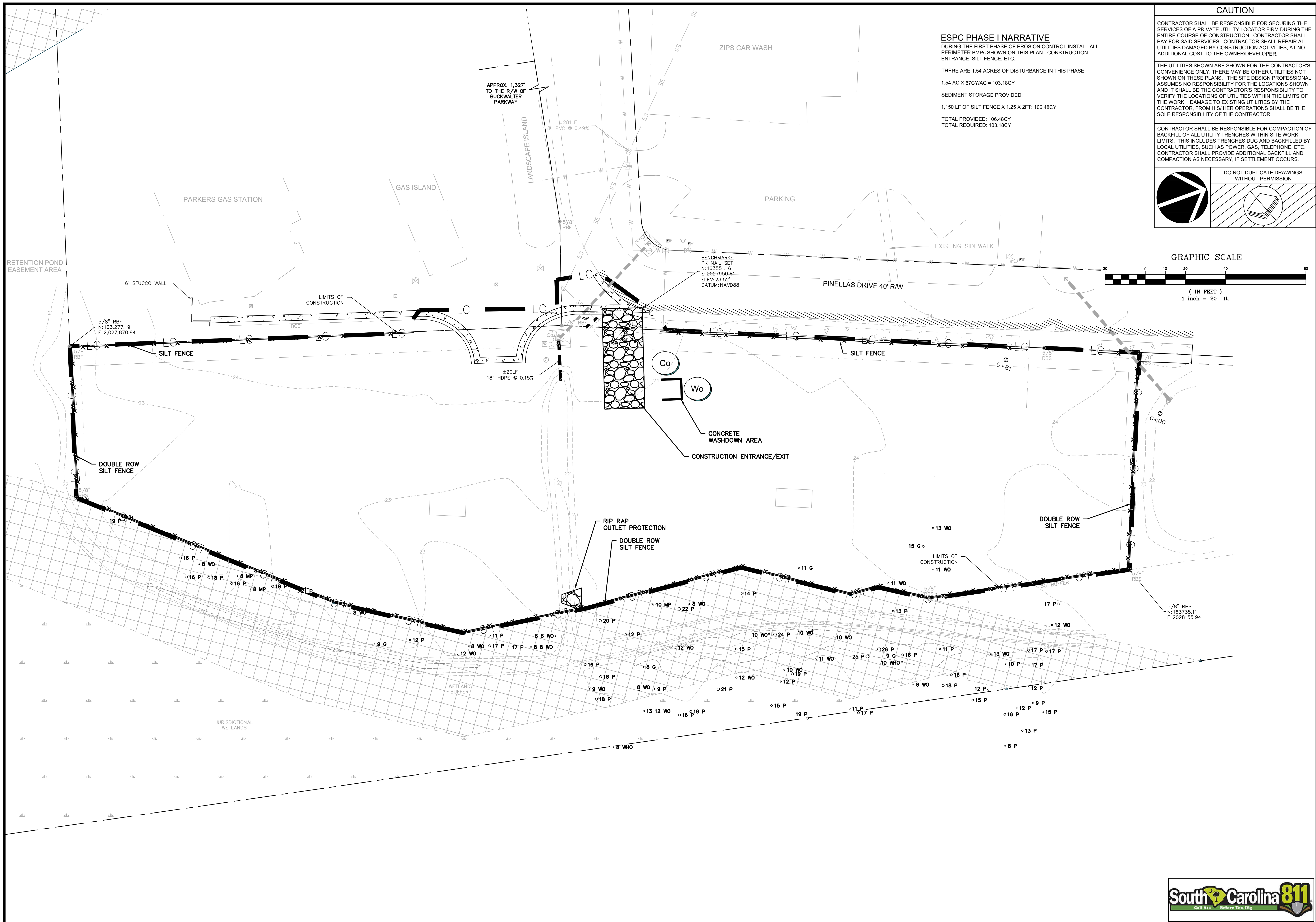
PINELLAS OFFICES
PINELLAS DRIVE
BLUFFTON, SC

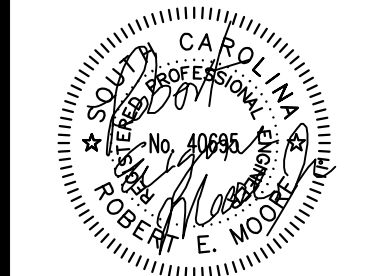
SHEET TITLE:

UTILITY DETAILS

SHEET NUMBER:
C.510







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CLIENT:
KENNETH SCOTT BUILDERS
254 RED CEDAR STREET,
SUITE 12
BLUFFTON, SC 29910
843-247-1025
KENC@KENNETHSCOTTBUILDERS.COM

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11/18/22	BLUFFTON COMMENTS
11/22/22	BJWSA COMMENTS
1/23/23	BLUFFTON COMMENTS

[illegible]

SHEET TITLE:
EROSION CONTROL
PHASE II

SHEET NUMBER:
C.620

CONTRACTOR SHALL BE RESPONSIBLE FOR SECURING THE SERVICES OF A PRIVATE UTILITY LOCATOR FIRM DURING THE ENTIRE COURSE OF CONSTRUCTION. CONTRACTOR SHALL PAY FOR SAID SERVICES. CONTRACTOR SHALL REPAIR ALL UTILITIES DAMAGED BY CONSTRUCTION ACTIVITIES, AT NO ADDITIONAL COST TO THE OWNER/DEVELOPER.

CONTRACTOR SHALL BE RESPONSIBLE FOR COMPACTION OF BACKFILL OF ALL UTILITY TRENCHES WITHIN SITE WORK LIMITS. THIS INCLUDES TRENCHES DUG AND BACKFILLED BY LOCAL UTILITIES, SUCH AS POWER, GAS, TELEPHONE, ETC. CONTRACTOR SHALL PROVIDE ADDITIONAL BACKFILL AND COMPACTION AS NECESSARY, IF SETTLEMENT OCCURS.

	DO NOT DUPLICATE DRAWINGS WITHOUT PERMISSION 
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GRAPHIC SCALE



(IN FEET)
1 inch = 20 ft.

DURING THE SECOND PHASE OF EROSION CONTROL MAINTAIN ALL PERIMETER BMPs SHOWN ON THIS PLAN - CONSTRUCTION ENTRANCE, SILT FENCE, ETC. GRADING, STORM & UTILITY INSTALLATION WILL OCCUR IN THIS PHASE. ADDITIONAL INLET SEDIMENT TRAPS WILL BE INSTALLED DURING THIS PHASE. SILT STORAGE WILL BE PROVIDED IN SILT FENCE

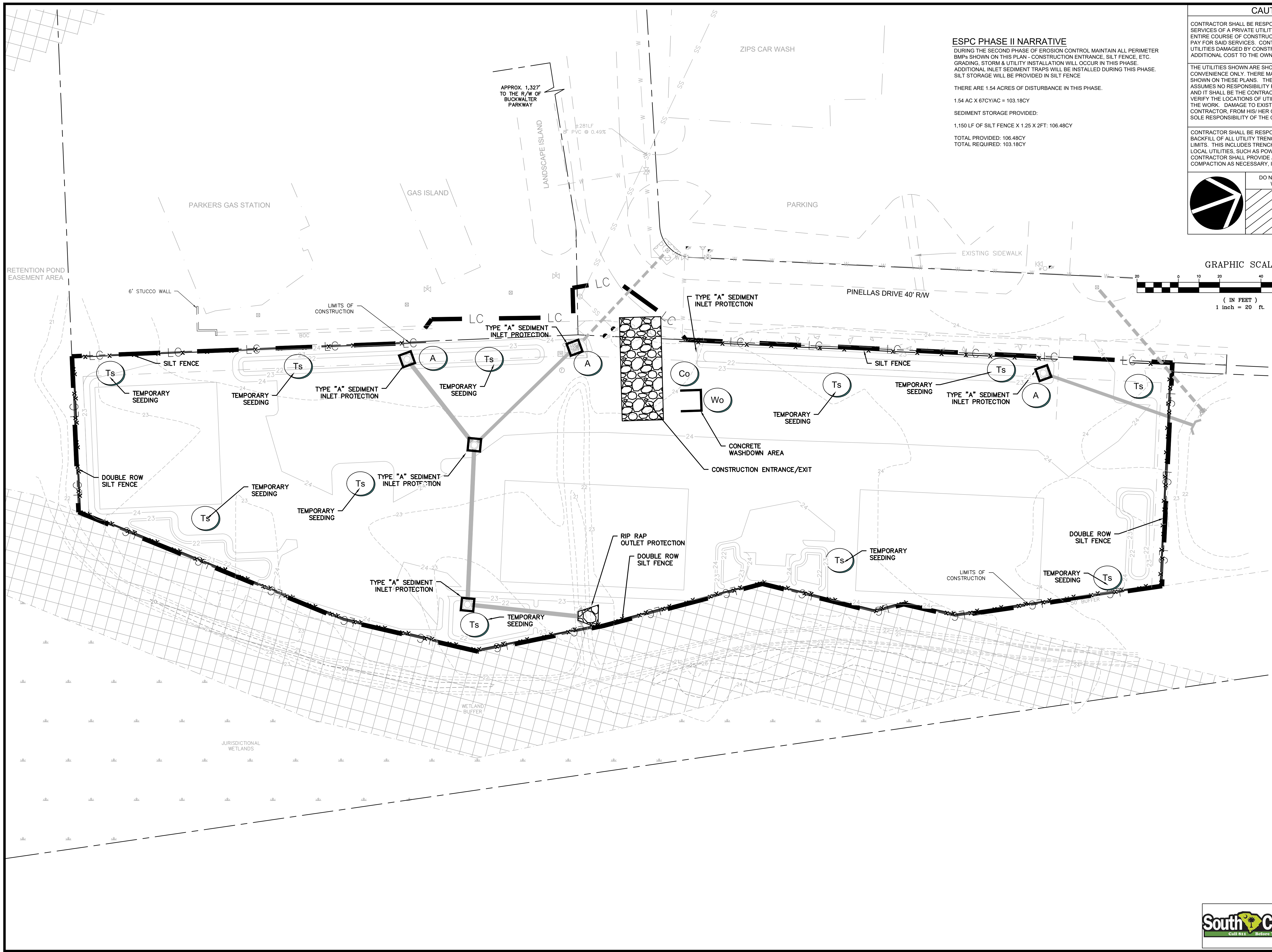
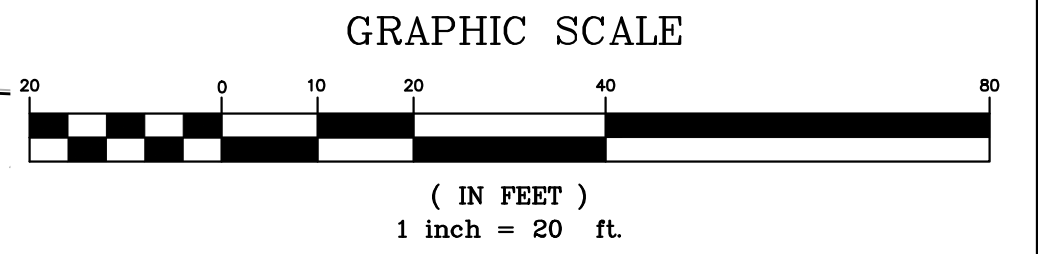
$$1.54 \text{ AC} \times 67 \text{ CY/AC} = 103.18 \text{C}$$

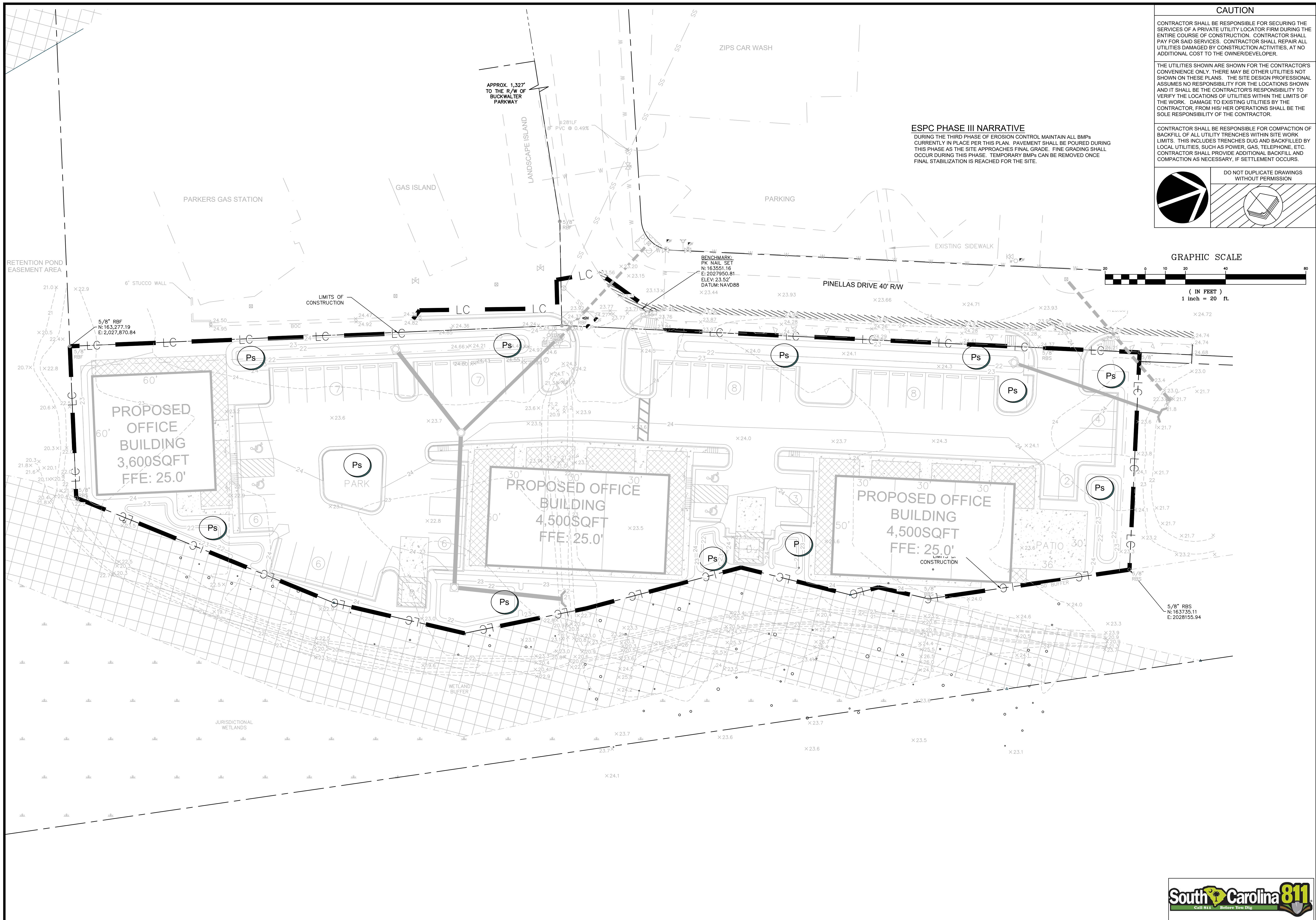
SEDIMENT STORAGE PROVIDED:

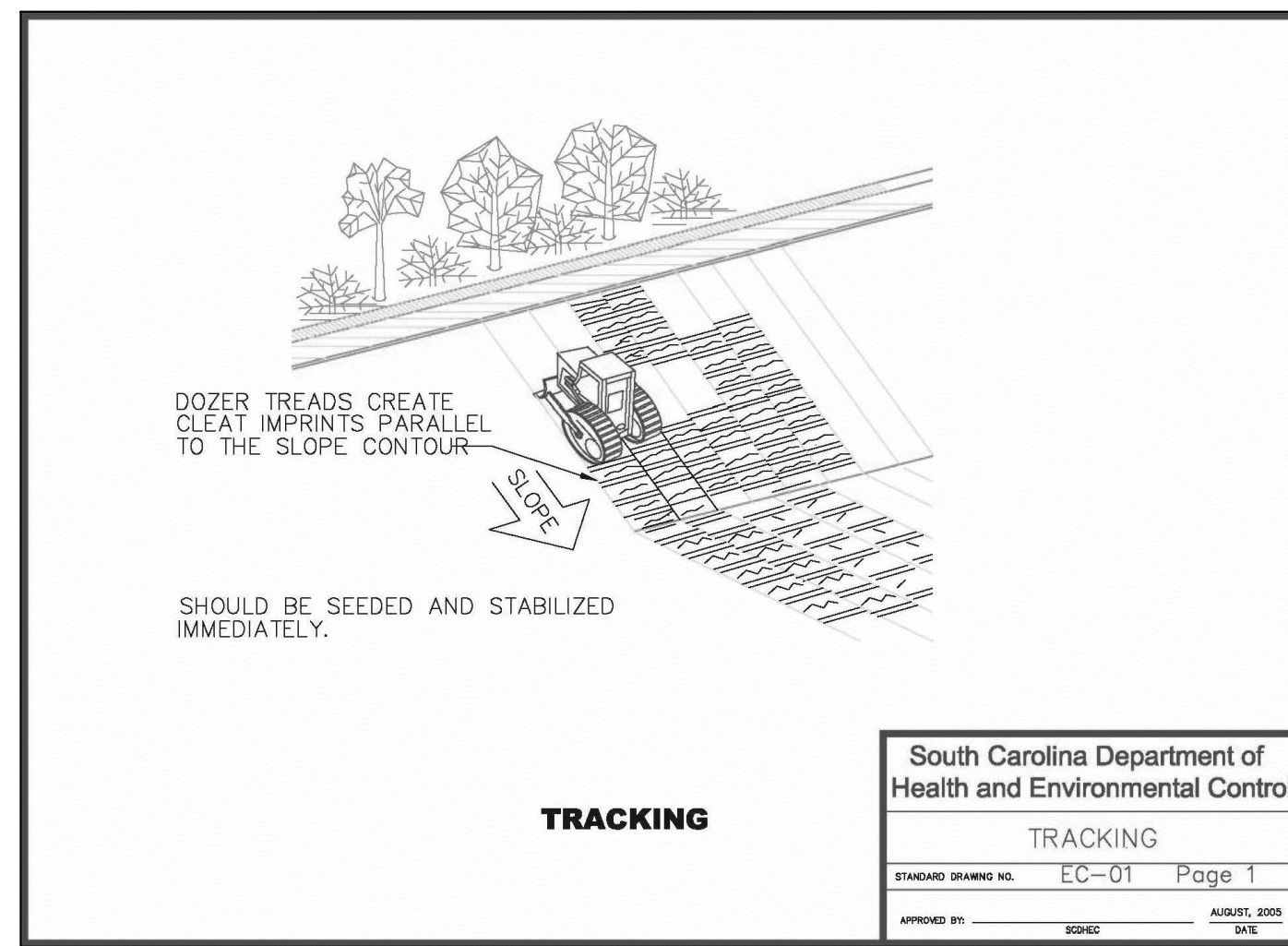
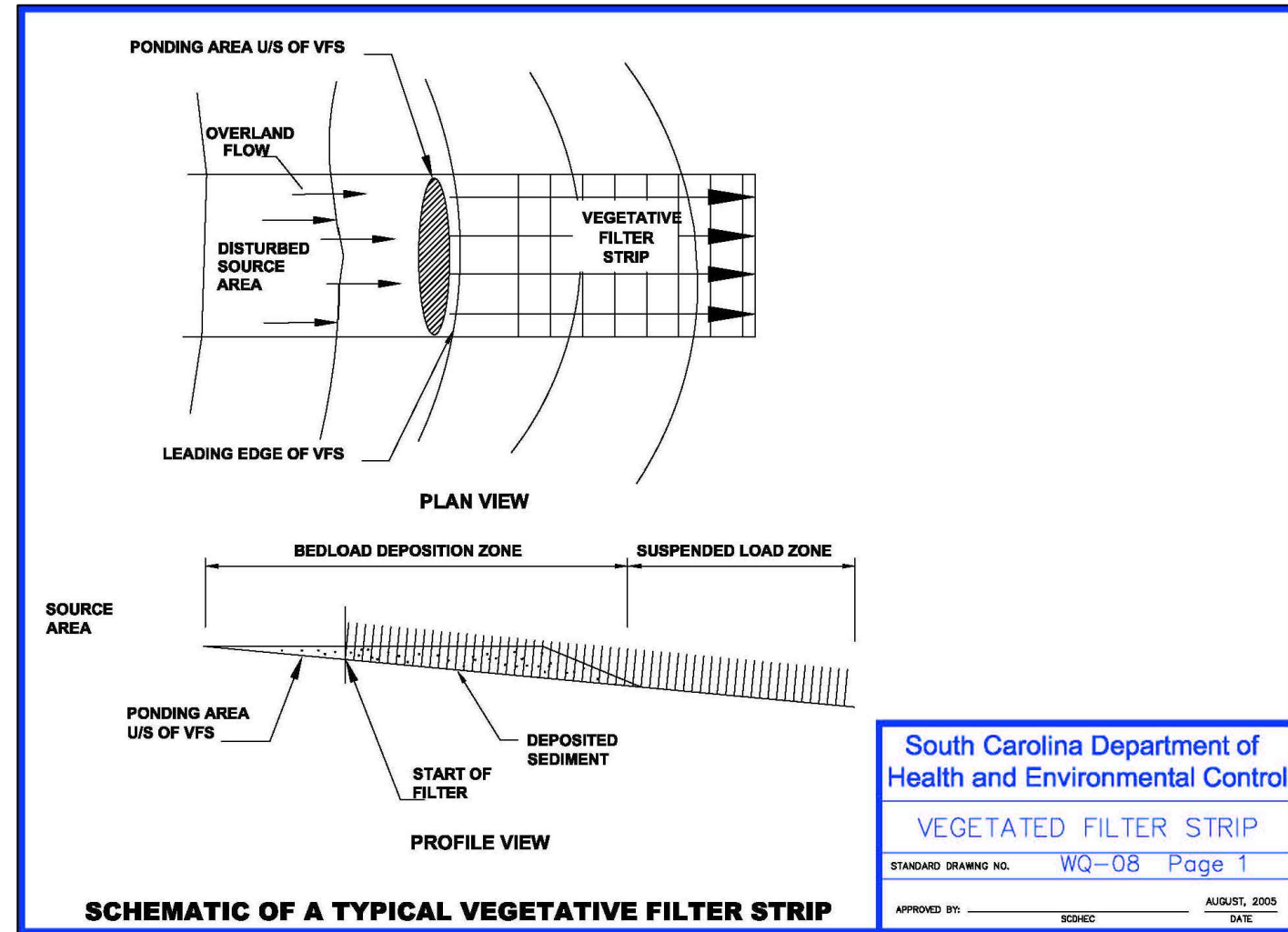
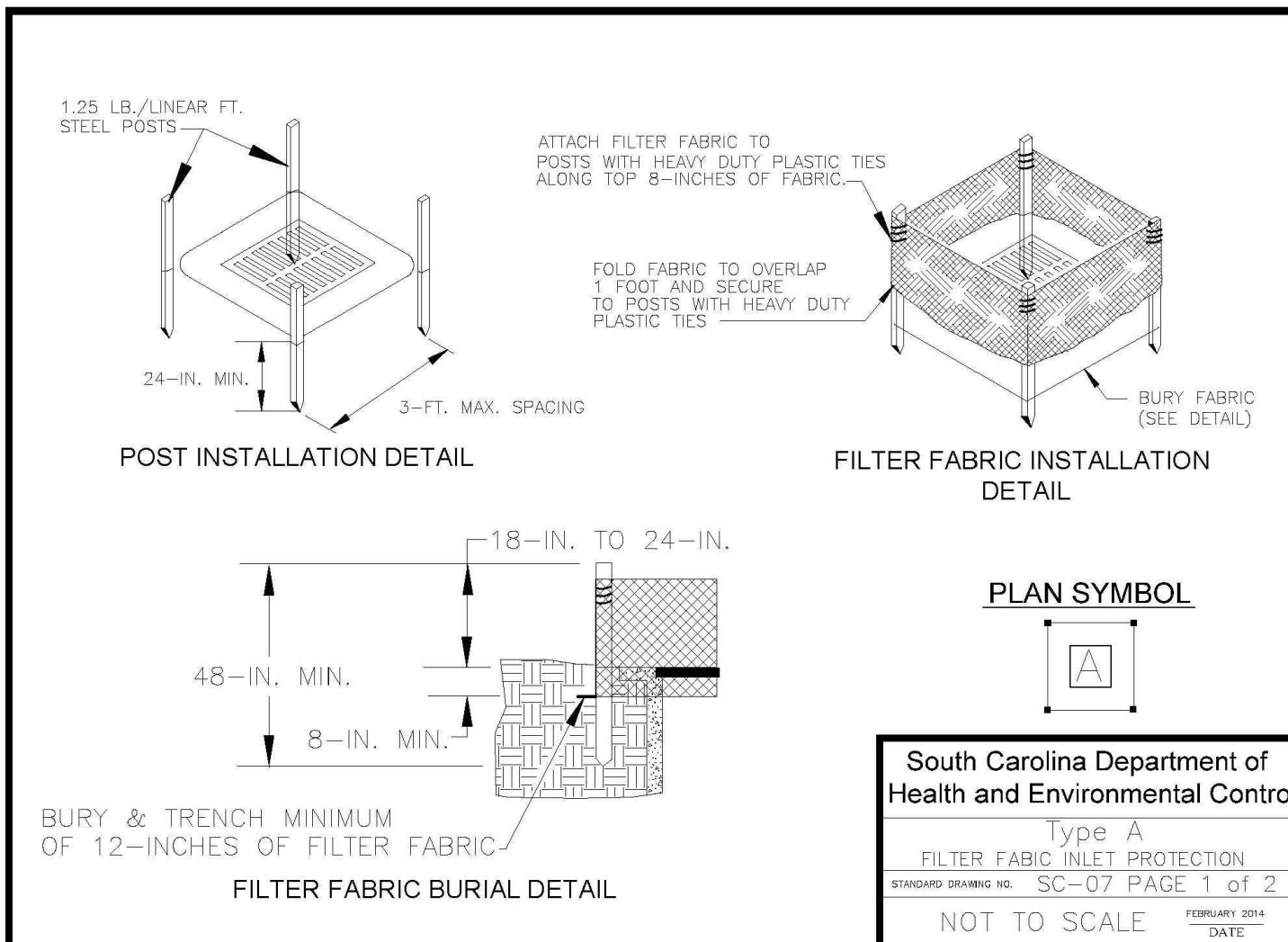
1,150 LF OF SILT FENCE X 1.25 X 2FT: 106.48CY

TOTAL PROVIDED: 106.48CY
TOTAL REQUIRED: 103.18CY

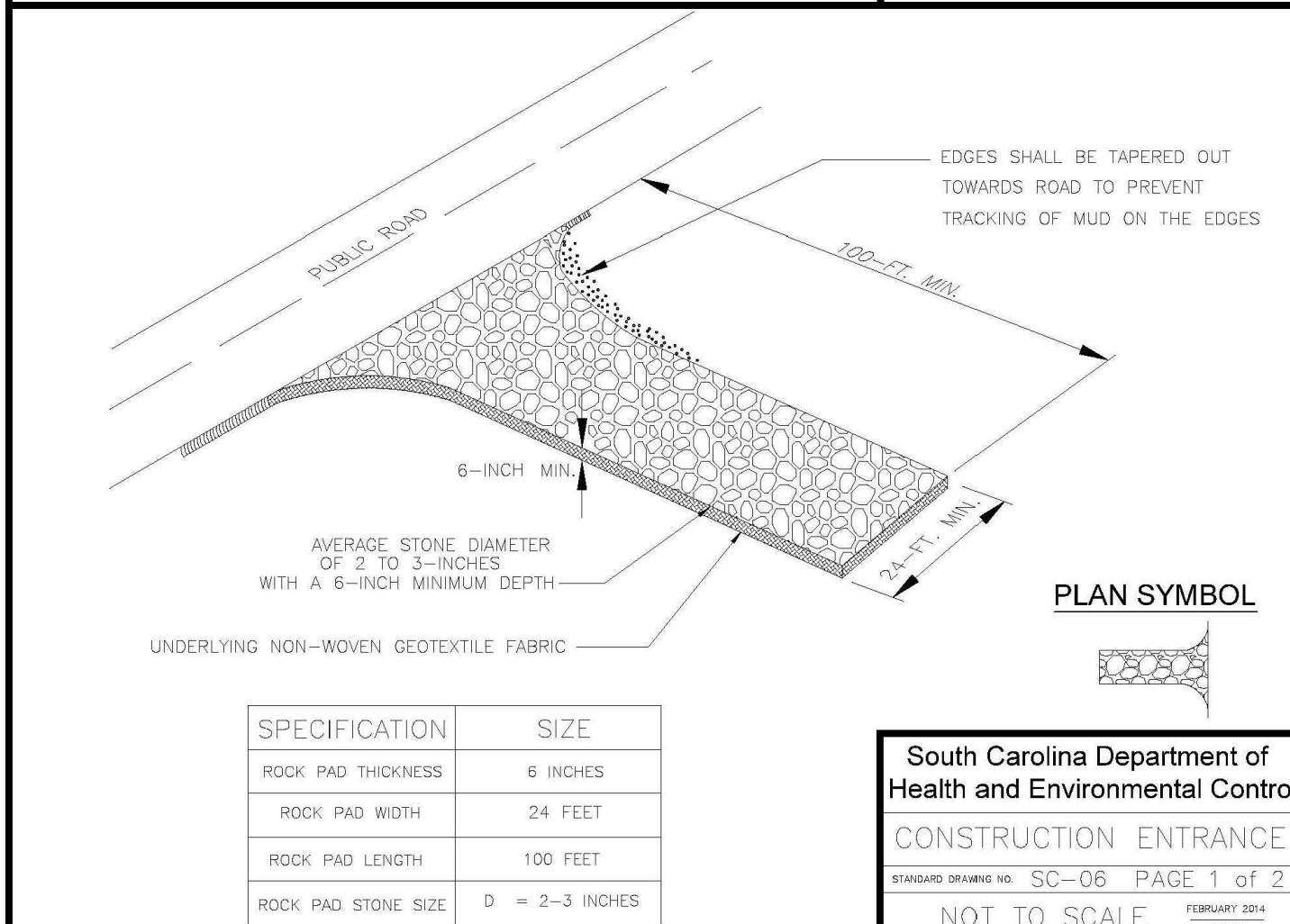
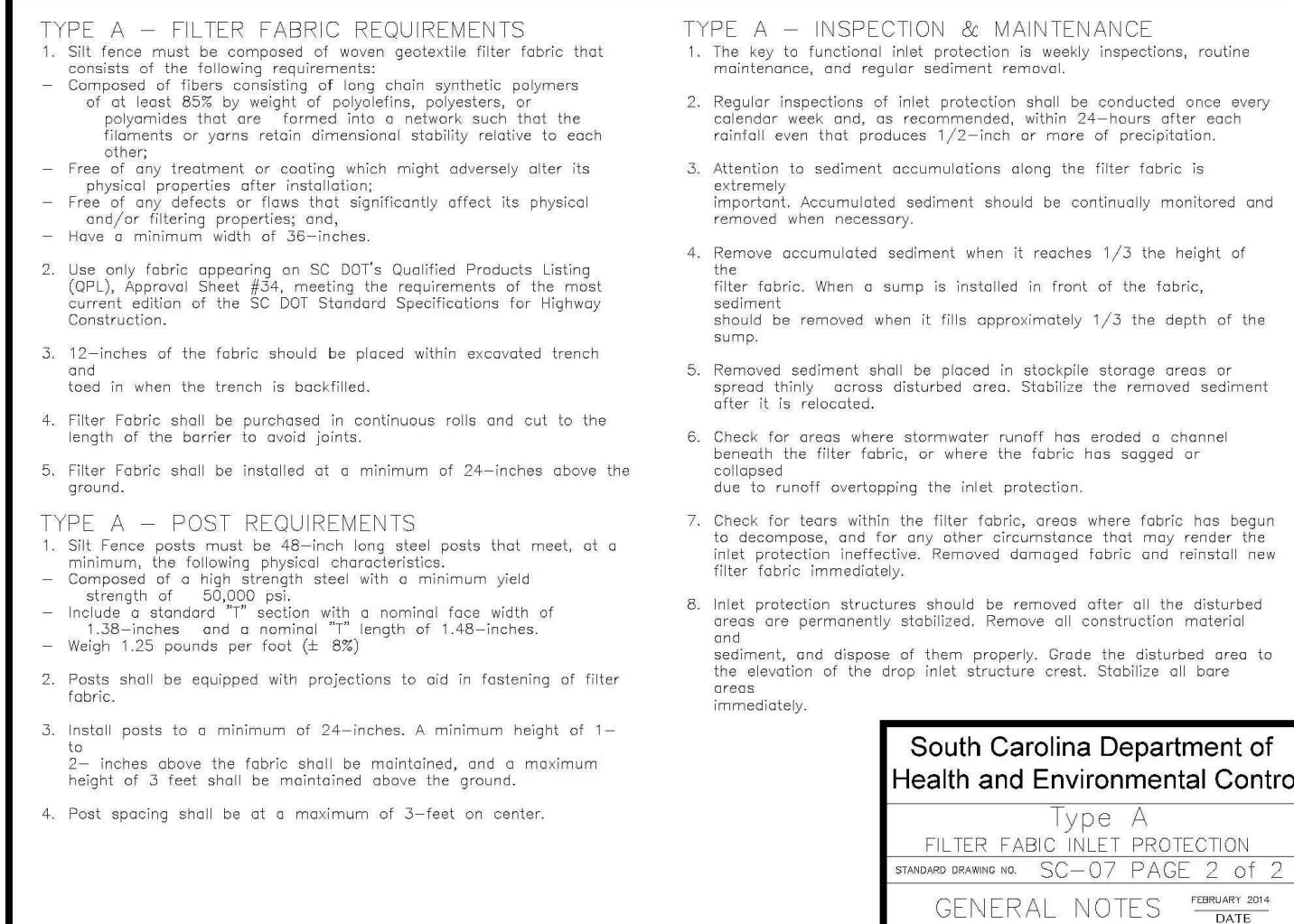
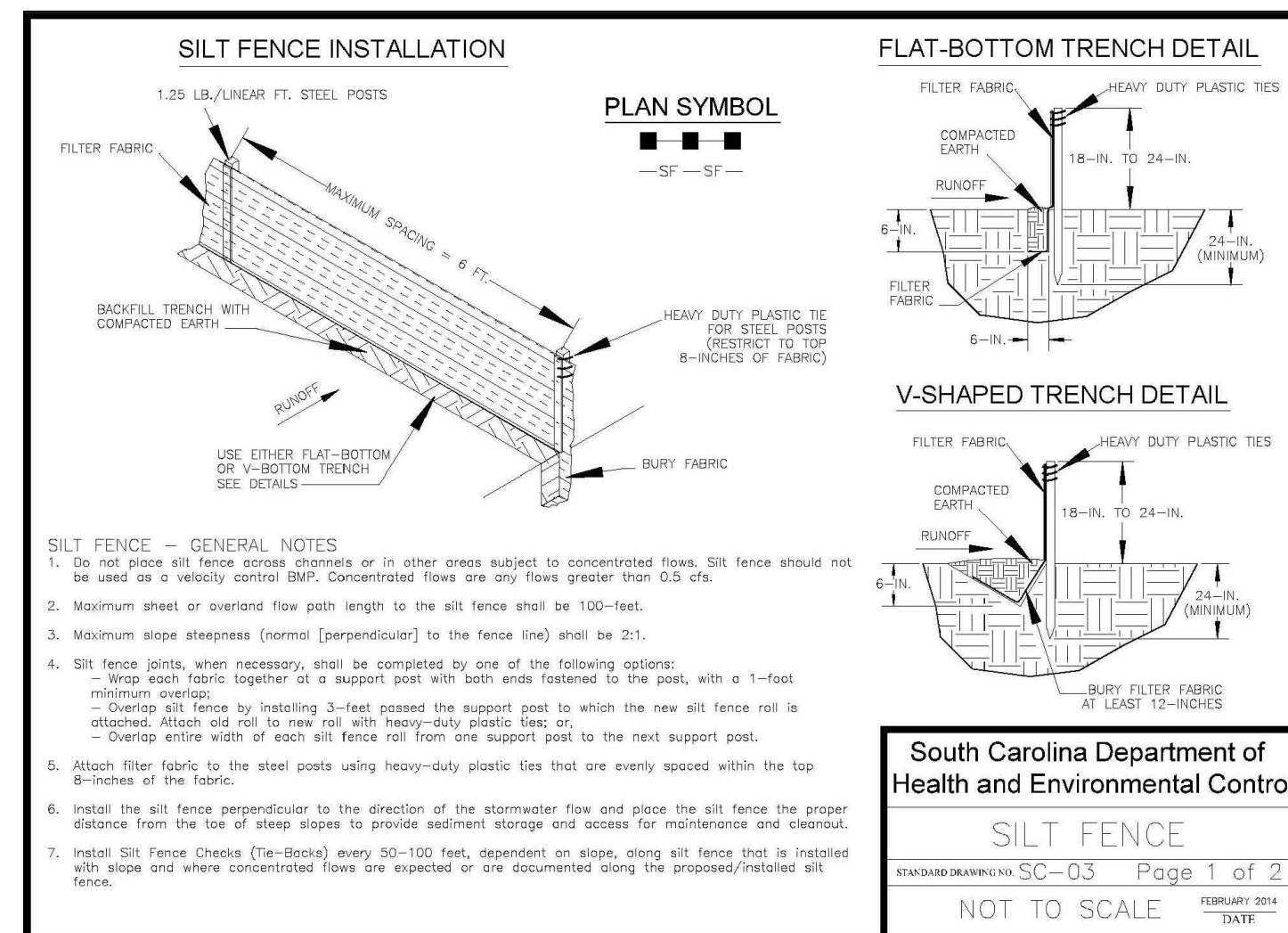
TOTAL REQUIRED: 103.18CT



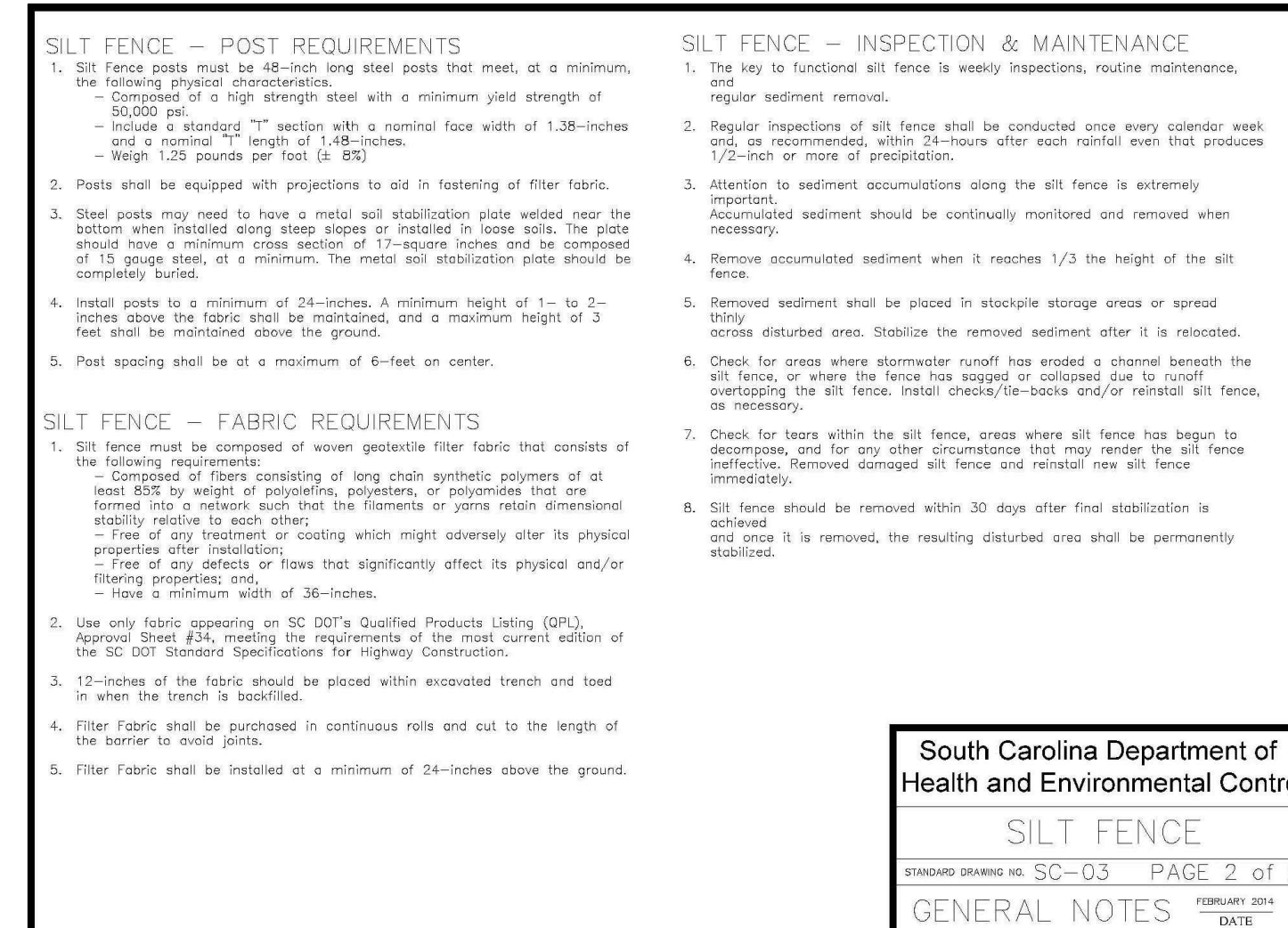


[illegible][illegible]

Well drained, clayey/loamey Sites			
Browntop Millet	10 lbs./ac.		
Bahiagrass	40 lbs./ac.		
Kyle, Gram	40 lbs./ac.		
Bahiagrass	40 lbs./ac.		
Clover, Crimson (Annua)	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 (annua)	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	3 lbs./ac.		
Little Bluestem	P.I.S		
Indiangrass	3 lbs./ac.		
	P.I.S		
	3 lbs./ac.		
	P.I.S		



SPECIFICATION	SIZE
ROCK PAD THICKNESS	6 INCHES
ROCK PAD WIDTH	24 FEET
ROCK PAD LENGTH	100 FEET
ROCK PAD STONE SIZE	D = 2-3 INCHES



SPECIFICATION	SIZE
ROCK PAD THICKNESS	6 INCHES
ROCK PAD WIDTH	24 FEET
ROCK PAD LENGTH	100 FEET
ROCK PAD STONE SIZE	D = 2-3 INCHES

