

FOR OPEN SPACE, BUFFERS AND UTILITY EASEMENTS

TYPE ONE - PERIMETER OPEN SPACE AND BUFFER EASEMENT
 THIS ZONE WILL HAVE A TRAIL SYSTEM FOR PEDESTRIANS AND MATURE TREES WILL BE MAINTAINED FOR BUFFERING HOMES FROM SURROUNDING USES. UTILITIES CAN BE PLACED IN THIS AREA, AS CAN STORM WATER CONTROL DEVICES. ADDITIONAL ORNAMENTAL AND EVERGREEN PLANTINGS CAN BE PLACED. INVASIVE SPECIES OF VEGETATION CAN BE REMOVED AS CAN PINES LESS THAN SIX INCHES IN DIAMETER. A PEDESTRIAN TRAIL CAN OCCUR IN THIS ZONE.

TYPE TWO - OPEN SPACE, BUFFER AND UTILITY EASEMENT THIS ZONE IS PLACED ONTO THE PROPERTY LOT AND IS OWNED BY THE PROPERTY OWNER. IT IS A NO TREE CUT ZONE AND A NO BUILD ZONE. UTILITIES CAN BE PLACED IN THIS ZONE. INDIVIDUAL LOT STORM WATER DEVICES WILL BE ALLOWED IN THESE AREAS. IT IS UNDERSTOOD THAT THE CONSTRUCTION OF UTILITIES AND STORM WATER DEVICES MAY REQUIRE THE REMOVAL OF SOME TREES. AS NEEDED, INVASIVE SPECIES OF VEGETATION CAN BE REMOVED FROM THIS ZONE. THIS ZONE IS MEASURED 25 FEET WIDE FROM THE REAR PROPERTY LINES OF LOTS 4401-4407.

BUILDING SETBACKS

FRONT	20'
SIDE	10'
REAR	30'

NOTE:
 SEE COVENANTS FOR 5' SIDE LINE STORM WATER AND UTILITY EASEMENT ON EACH LOT

SITE DATA:

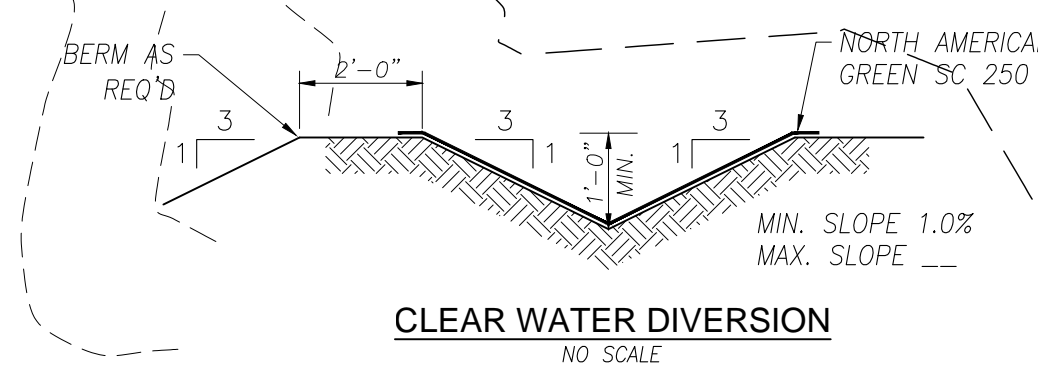
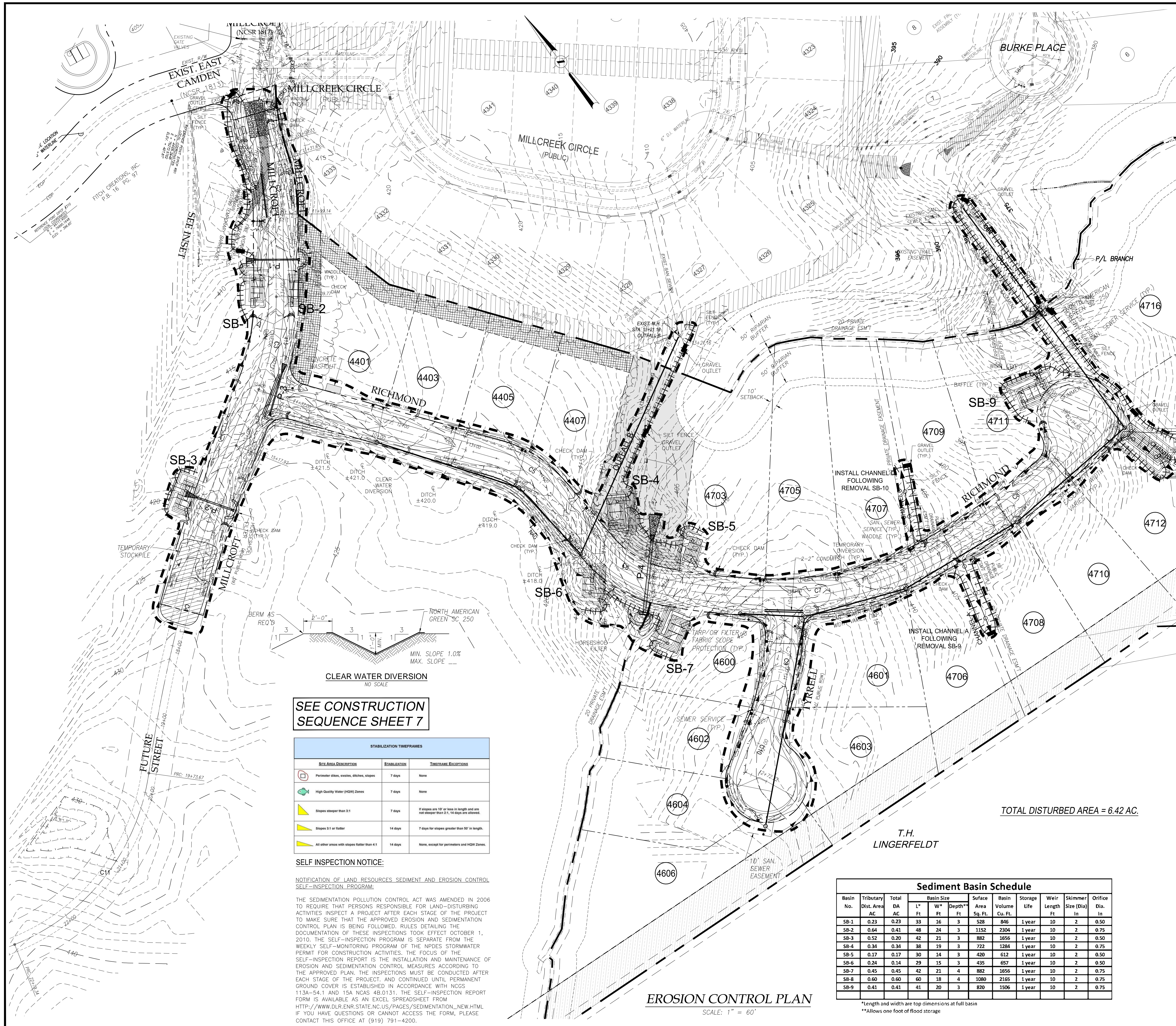
PIN: 9774 27 314-
 AREA IN R/W: 2.97 ACRES
 TOTAL AREA: 18.25 ACRES

OWNER / DEVELOPER

FITCH CREATIONS, INC.
 2000 FEARRINGTON VILLAGE CE
 PITTSBORO, N.C. 27513
 (919) 542-2000

SUBDIVISION & UTILITY PLAN

SCALE: 1" = 60'



SEE CONSTRUCTION SEQUENCE SHEET 7

STABILIZATION TIMEFRAMES		
SITE AREA DESCRIPTION	STABILIZATION	TIMEFRAME EXCEPTIONS
Perimeter ditches, swales, ditches, slopes	7 days	None
High Quality Water (HQW) Zones	7 days	None
Slopes steeper than 3:1	7 days	If slopes are 10' or less in length and are not steeper than 2:1, 14 days are allowed.
Slopes 3:1 or flatter	14 days	7 days for slopes greater than 50' in length.
All other areas with slopes flatter than 4:1	14 days	None, except for perimeters and HQW Zones.

SELF INSPECTION NOTICE:

NOTIFICATION OF LAND RESOURCES SEDIMENT AND EROSION CONTROL SELF-INSPECTION PROGRAM:

THE SEDIMENTATION POLLUTION CONTROL ACT WAS AMENDED IN 2006 TO REQUIRE THAT PERSONS RESPONSIBLE FOR LAND-DISTURBING ACTIVITIES INSPECT A PROJECT AFTER EACH STAGE OF THE PROJECT TO MAKE SURE THAT THE APPROVED EROSION AND SEDIMENTATION CONTROL PLAN IS BEING FOLLOWED. RULES DETAILING THE DOCUMENTATION OF THESE INSPECTIONS TOOK EFFECT OCTOBER 1, 2010. THE SELF-INSPECTION PROGRAM IS SEPARATE FROM THE WEEKLY SELF-MONITORING PROGRAM OF THE NPDES STORMWATER PERMIT FOR CONSTRUCTION ACTIVITIES. THE FOCUS OF THE SELF-INSPECTION REPORT IS THE INSTALLATION AND MAINTENANCE OF EROSION AND SEDIMENTATION CONTROL MEASURES ACCORDING TO THE APPROVED PLAN. THE INSPECTIONS MUST BE CONDUCTED AFTER EACH STAGE OF THE PROJECT, AND CONTINUED UNTIL PERMANENT GROUND COVER IS ESTABLISHED IN ACCORDANCE WITH NCCS 113A-54.1 AND 15A NCS 4B.0131. THE SELF-INSPECTION REPORT FORM IS AVAILABLE AS AN EXCEL SPREADSHEET FROM [HTTP://WWW.DLR.ENR.STATE.NC.US/PAGES/SEDIMENTATION_NEW.HTML](http://www.dlr.enr.state.nc.us/pages/sedimentation_new.html) IF YOU HAVE QUESTIONS OR CANNOT ACCESS THE FORM, PLEASE CONTACT THIS OFFICE AT (919) 791-4200.

TOTAL DISTURBED AREA = 6.42 AC.

EROSION CONTROL PLAN

SCALE: 1" = 60'

Basin No.	Tributary Dist. Area AC	Total DA AC	Basin Size			Surface Area Sq. Ft.	Basin Volume Cu. Ft.	Storage Life	Weir Length Ft	Skimmer Size (Dia) In	Orifice Dia. In
			L* Ft	W* Ft	Depth** Ft						
SB-1	0.23	0.23	33	16	3	528	846	1 year	10	2	0.50
SB-2	0.64	0.41	48	24	3	1152	2304	1 year	10	2	0.75
SB-3	0.52	0.20	42	21	3	882	1656	1 year	10	2	0.50
SB-4	0.34	0.34	38	19	3	722	1284	1 year	10	2	0.75
SB-5	0.17	0.17	30	14	3	420	612	1 year	10	2	0.50
SB-6	0.24	0.14	29	15	3	435	657	1 year	10	2	0.50
SB-7	0.45	0.45	42	21	4	882	1656	1 year	10	2	0.75
SB-8	0.60	0.60	60	18	4	1080	2165	1 year	10	2	0.75
SB-9	0.41	0.41	41	20	3	820	1506	1 year	10	2	0.75

*Length and width are top dimensions at full basin
 **Allows one foot of flood storage



EROSION CONTROL PLAN - ENLARGEMENT

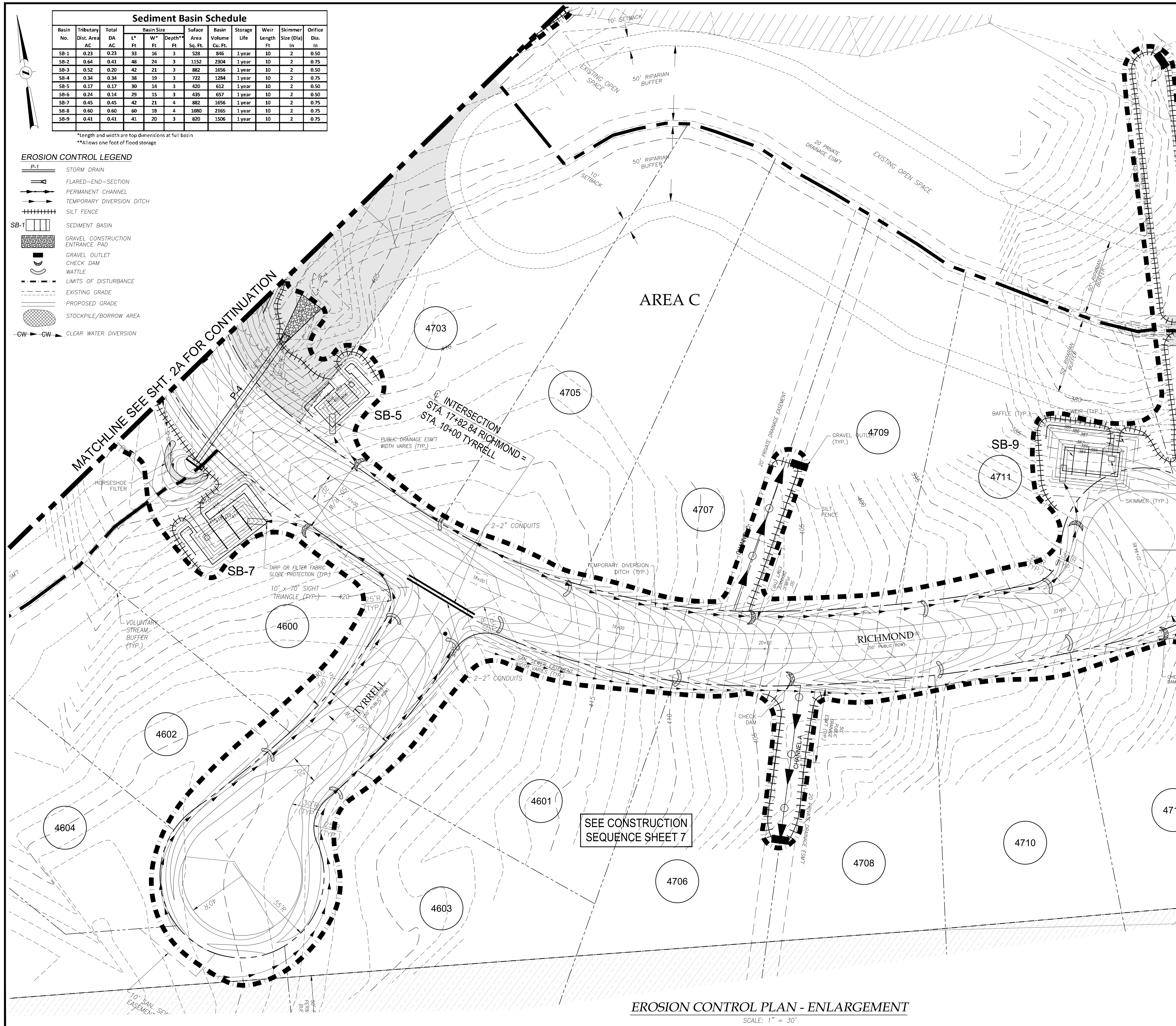
SCALE: 1" = 30'

Basin No.	Tributary Dist. Area AC	Total DA AC	Basin Size			Surface Area Sq. Ft.	Basin Volume Cu. Ft.	Storage Life	Weir Length Ft.	Skimmer Size (Dia) In.	Orifice Dia. In.
			L*	W*	Depth**						
			Ft.	Ft.	Ft.						
SB-1	0.23	0.23	33	16	3	528	846	1 year	10	2	0.50
SB-2	0.64	0.41	48	24	3	1152	2304	1 year	10	2	0.75
SB-3	0.52	0.20	42	21	3	882	1656	1 year	10	2	0.50
SB-4	0.34	0.34	38	19	3	722	1284	1 year	10	2	0.75
SB-5	0.17	0.17	30	14	3	420	612	1 year	10	2	0.50
SB-6	0.24	0.14	29	15	3	435	657	1 year	10	2	0.50
SB-7	0.45	0.45	42	21	4	882	1656	1 year	10	2	0.75
SB-8	0.60	0.60	60	18	4	1080	2165	1 year	10	2	0.75
SB-9	0.41	0.41	41	20	3	820	1506	1 year	10	2	0.75

*Length and width are top dimensions at full basin
 **Allows one foot of flood storage

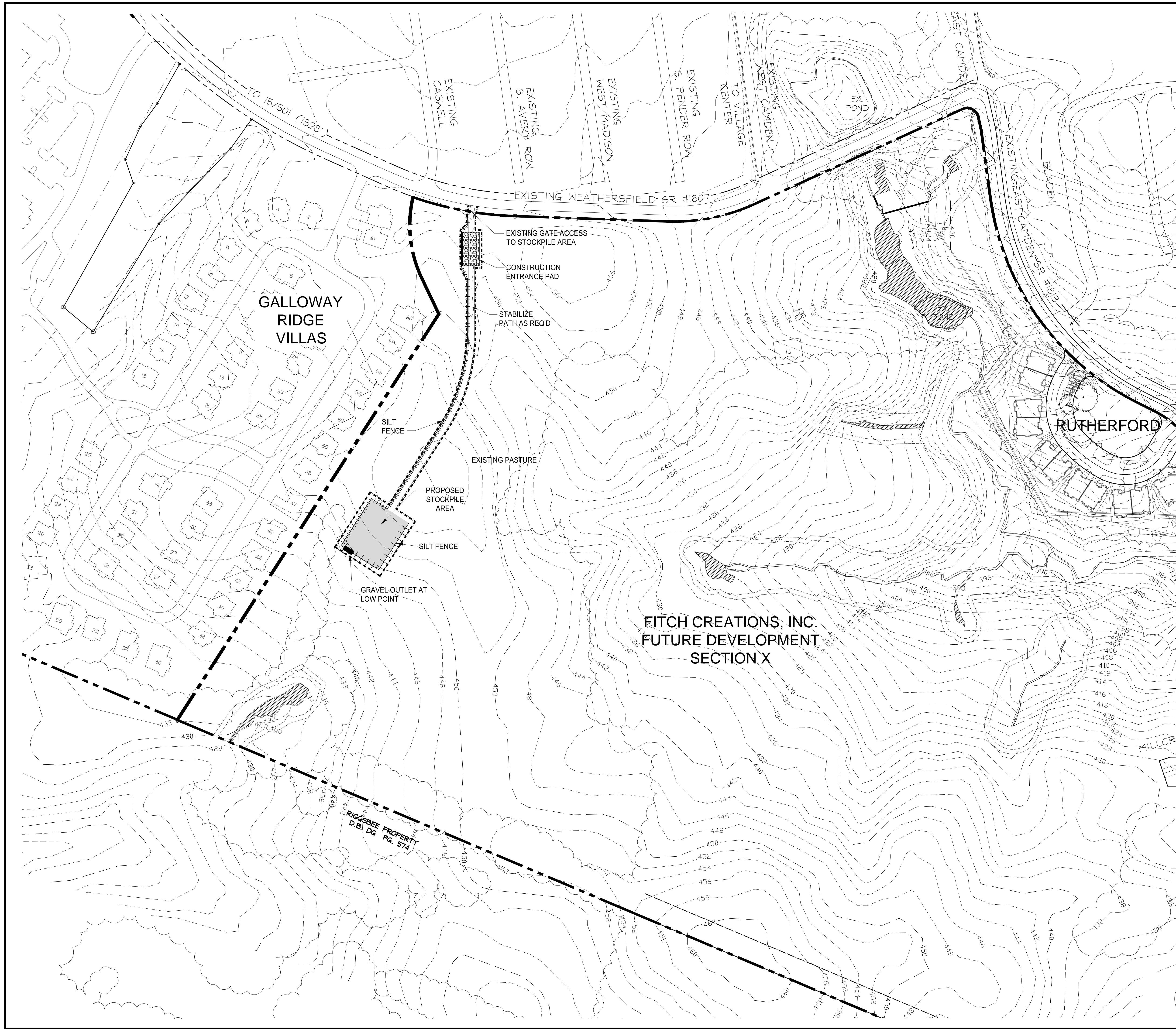
EROSION CONTROL LEGEND

- P-1 STORM DRAIN
- FLARED-END-SECTION
- PERMANENT CHANNEL
- TEMPORARY DIVERSION DITCH
- SILT FENCE
- SB-1 SEDIMENT BASIN
- GRAVEL CONSTRUCTION ENTRANCE PAD
- GRAVEL OUTLET
- CHECK DAM
- WATTLE
- LIMITS OF DISTURBANCE
- EXISTING GRADE
- PROPOSED GRADE
- STOCKPILE/BORROW AREA
- CW → CW CLEAR WATER DIVERSION

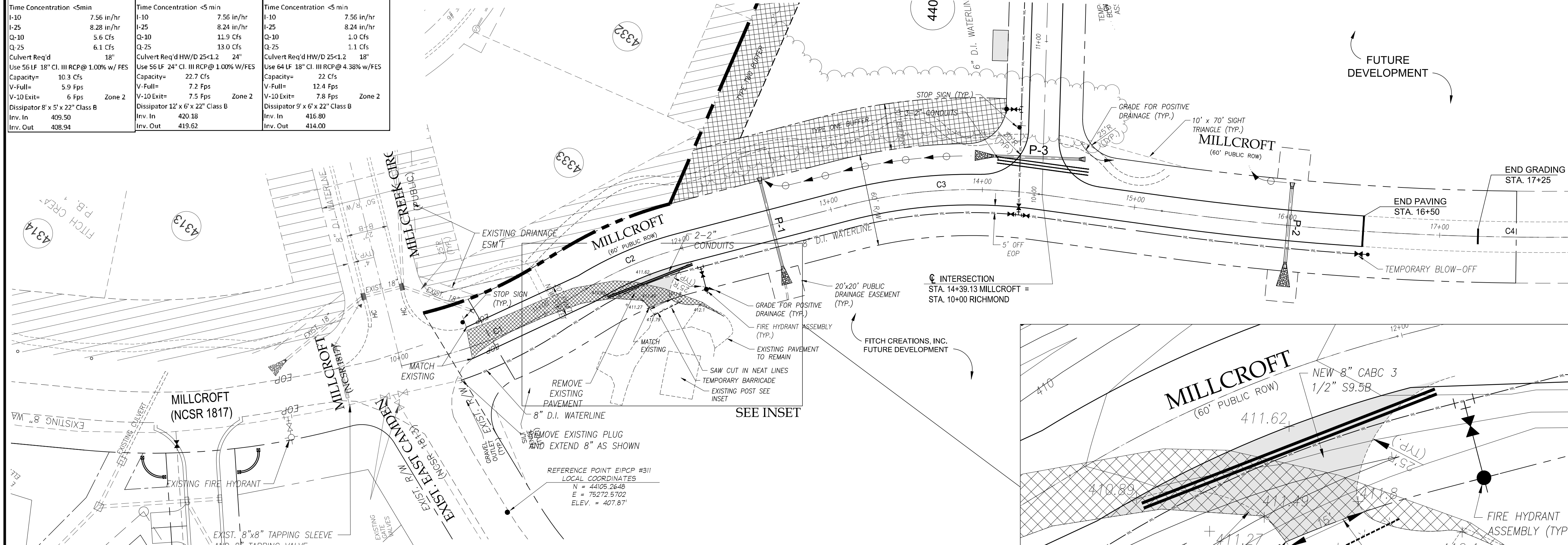
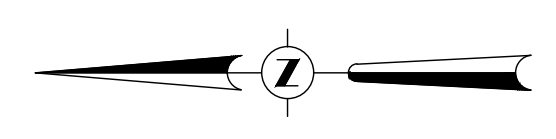


EROSION CONTROL PLAN - ENLARGEMENT

SCALE: 1" = 30'



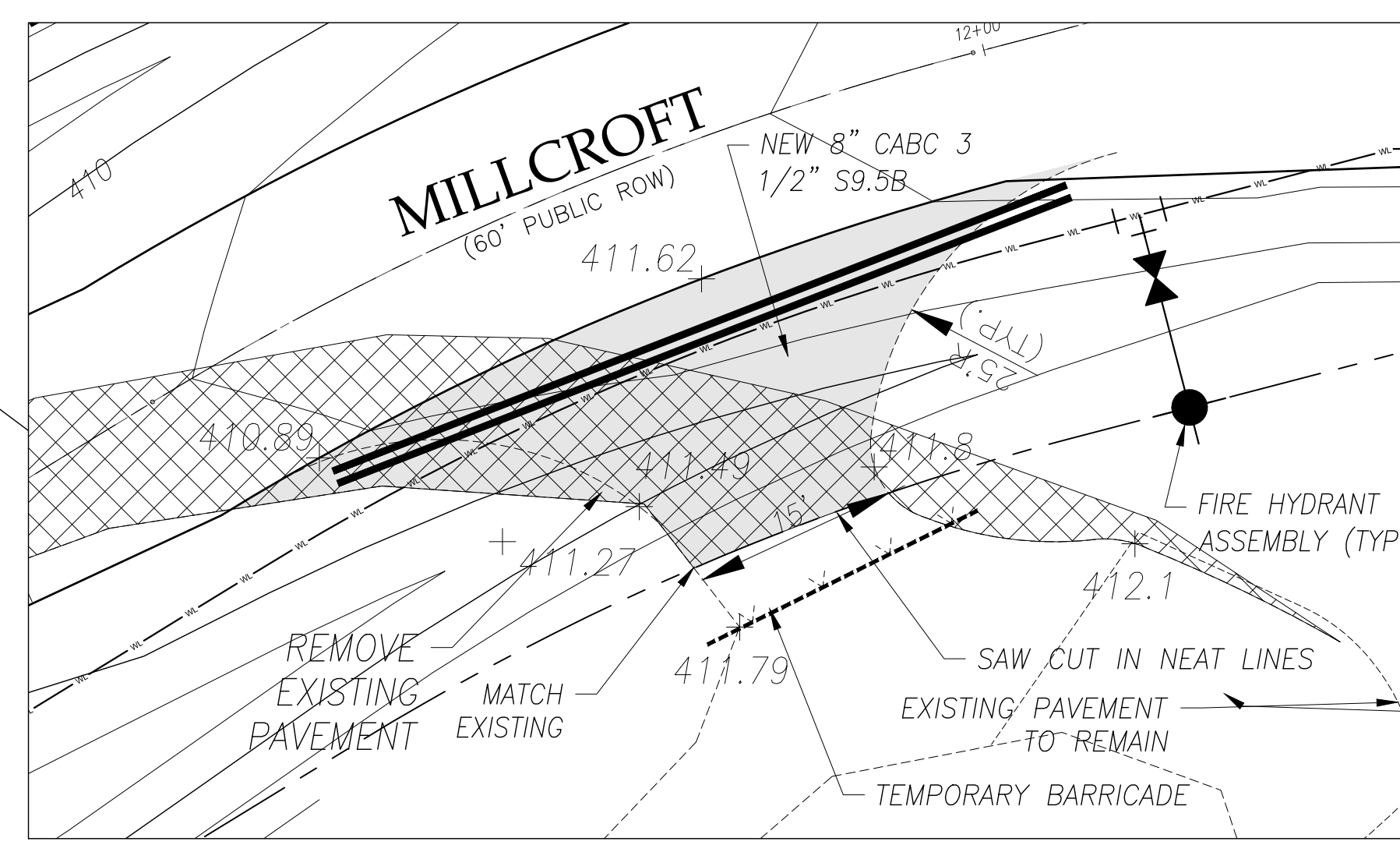
P-1	P-2	P-3
Sta 13+60 Millcroft	Sta 15+70 Millcroft	Sta 10+25 Richmond
Drainage Area= 1.46 Ac	Drainage Area= 2.23 Ac	Drainage Area= 0.43 Ac
Rational C = 0.5	Rational C = 0.7	Rational C = 0.6
Time Concentration <5min	Time Concentration <5min	Time Concentration <5min
I-10 7.56 in/hr	I-10 7.56 in/hr	I-10 7.56 in/hr
I-25 8.28 in/hr	I-25 8.24 in/hr	I-25 8.24 in/hr
Q-10 5.6 Cfs	Q-10 11.9 Cfs	Q-10 1.0 Cfs
Q-25 6.1 Cfs	Q-25 13.0 Cfs	Q-25 1.1 Cfs
Culvert Req'd 18" HI RCP@ 1.00% w/FES	Culvert Req'd 18" HI RCP@ 1.00% w/FES	Culvert Req'd 18" HI RCP@ 4.30% w/FES
Use 56 LF 18" CI, HI RCP@ 1.00% w/FES	Use 56 LF 24" CI, HI RCP@ 1.00% w/FES	Use 64 LF 18" CI, HI RCP@ 4.30% w/FES
Capacity= 10.3 Cfs	Capacity= 22.7 Cfs	Capacity= 22 Cfs
V-Full= 5.9 Fps	V-Full= 7.2 Fps	V-Full= 12.4 Fps
V-10 Exit= 6 Fps	V-10 Exit= 7.5 Fps	V-10 Exit= 7.8 Fps
Dissipator 8' x 5' x 22" Class B	Dissipator 12' x 6' x 22" Class B	Dissipator 9' x 6' x 22" Class B
Inv. In 409.50	Inv. In 420.18	Inv. In 416.80
Inv. Out 408.94	Inv. Out 419.62	Inv. Out 414.00



Curve #	Radius	Length	Chord Length	Delta
C1	280.00	84.51	84.19	17.29
C2	228.77	67.53	67.28	16.91
C3	325.89	127.24	126.43	22.37
C4	1863.65	455.70	454.57	14.01

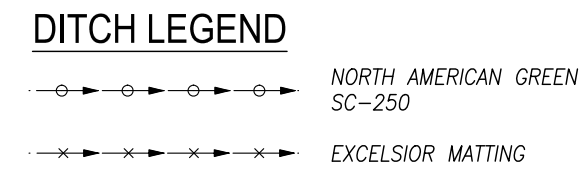
PLAN - MILLCROFT STA. 10+00 TO 22+00 (60' PUBLIC ROW)

SCALE: 1" = 40'



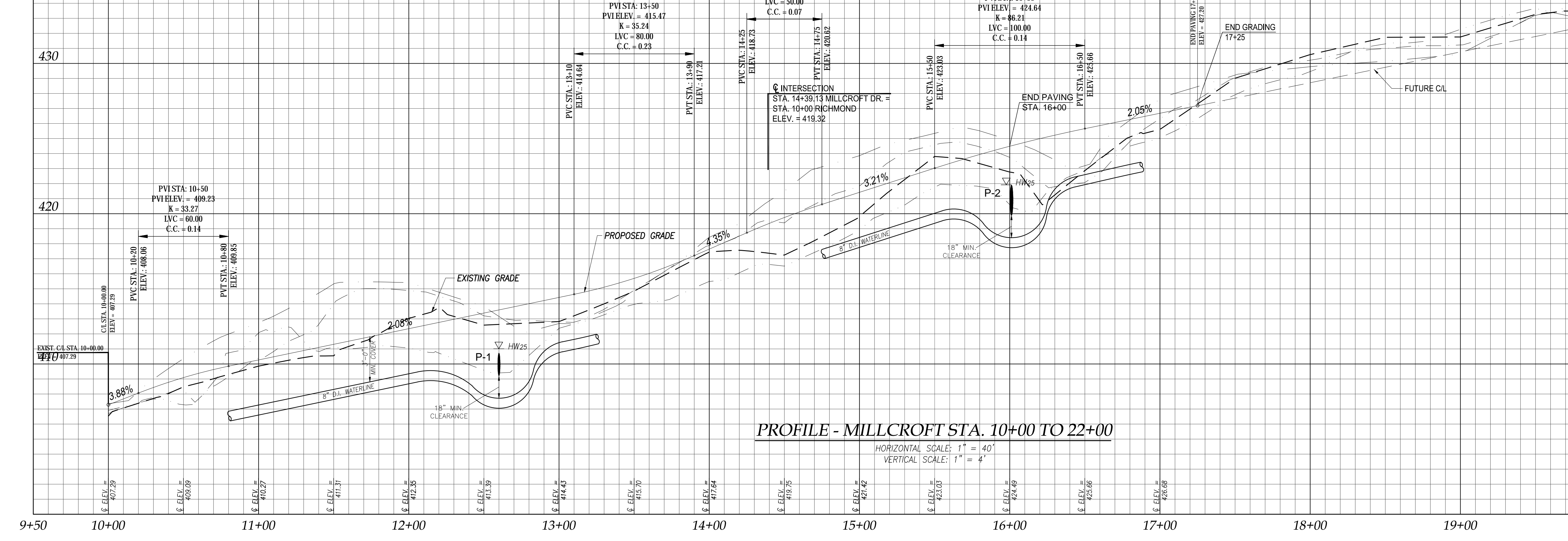
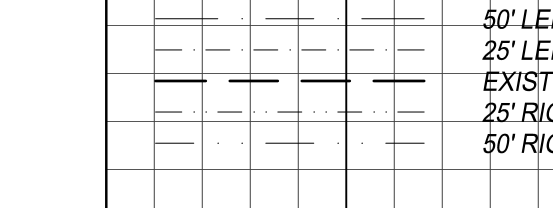
PLAN - INSET

SCALE: 1" = 20'



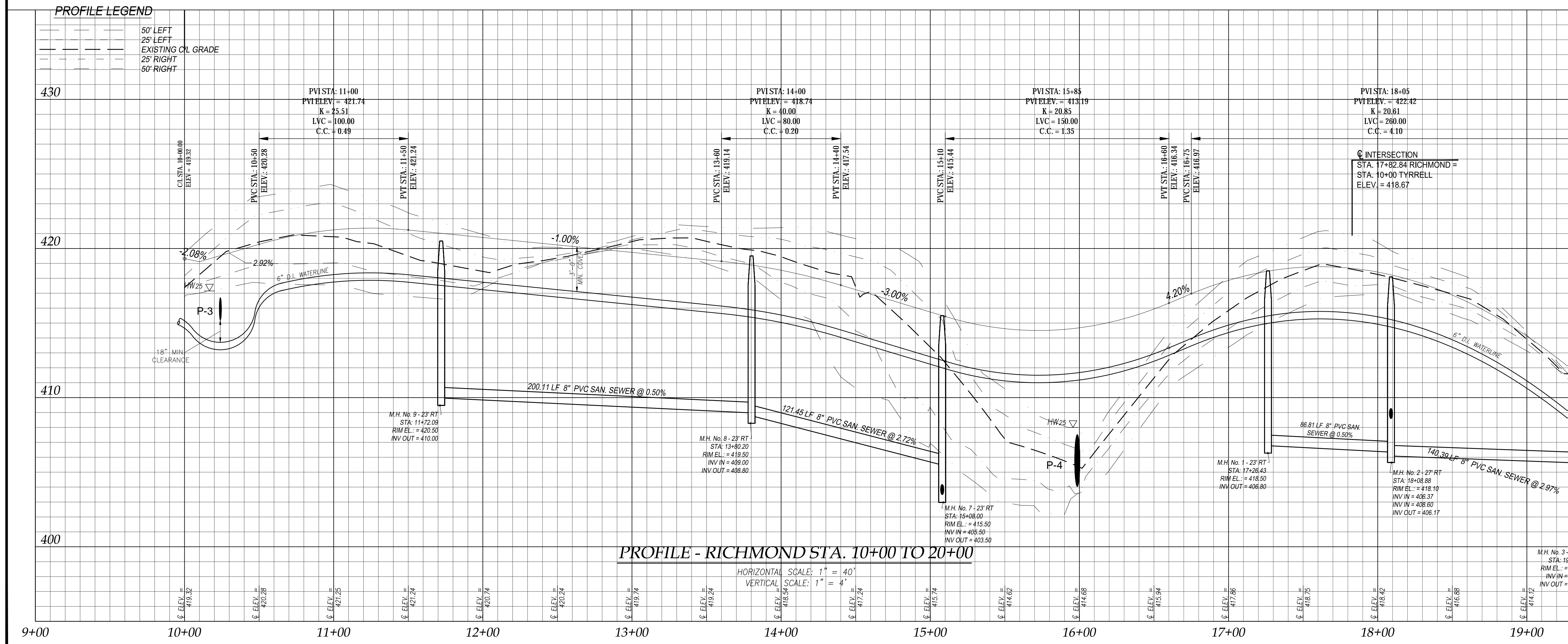
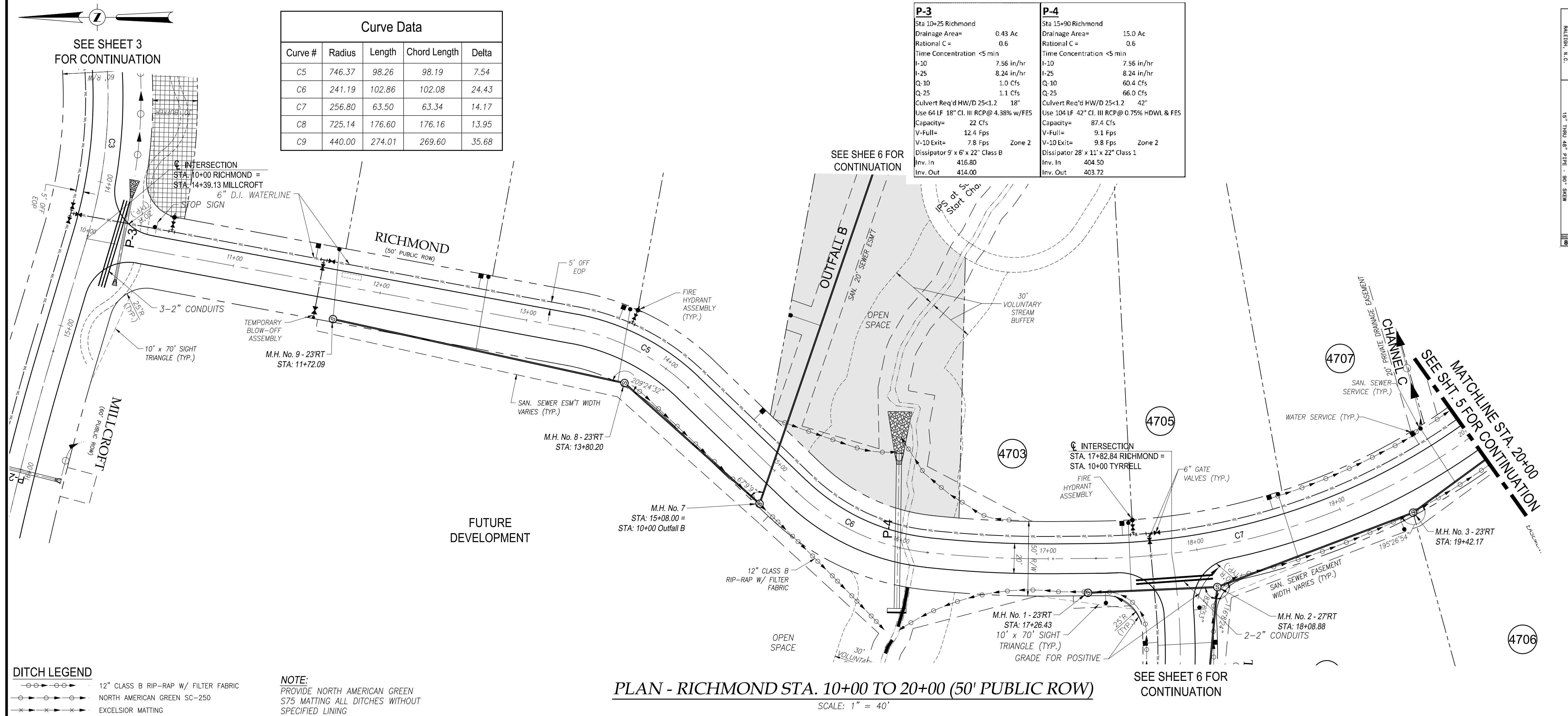
NOTE:
PROVIDE NORTH AMERICAN GREEN S75 MATTING ALL DITCHES WITHOUT SPECIFIED LINING

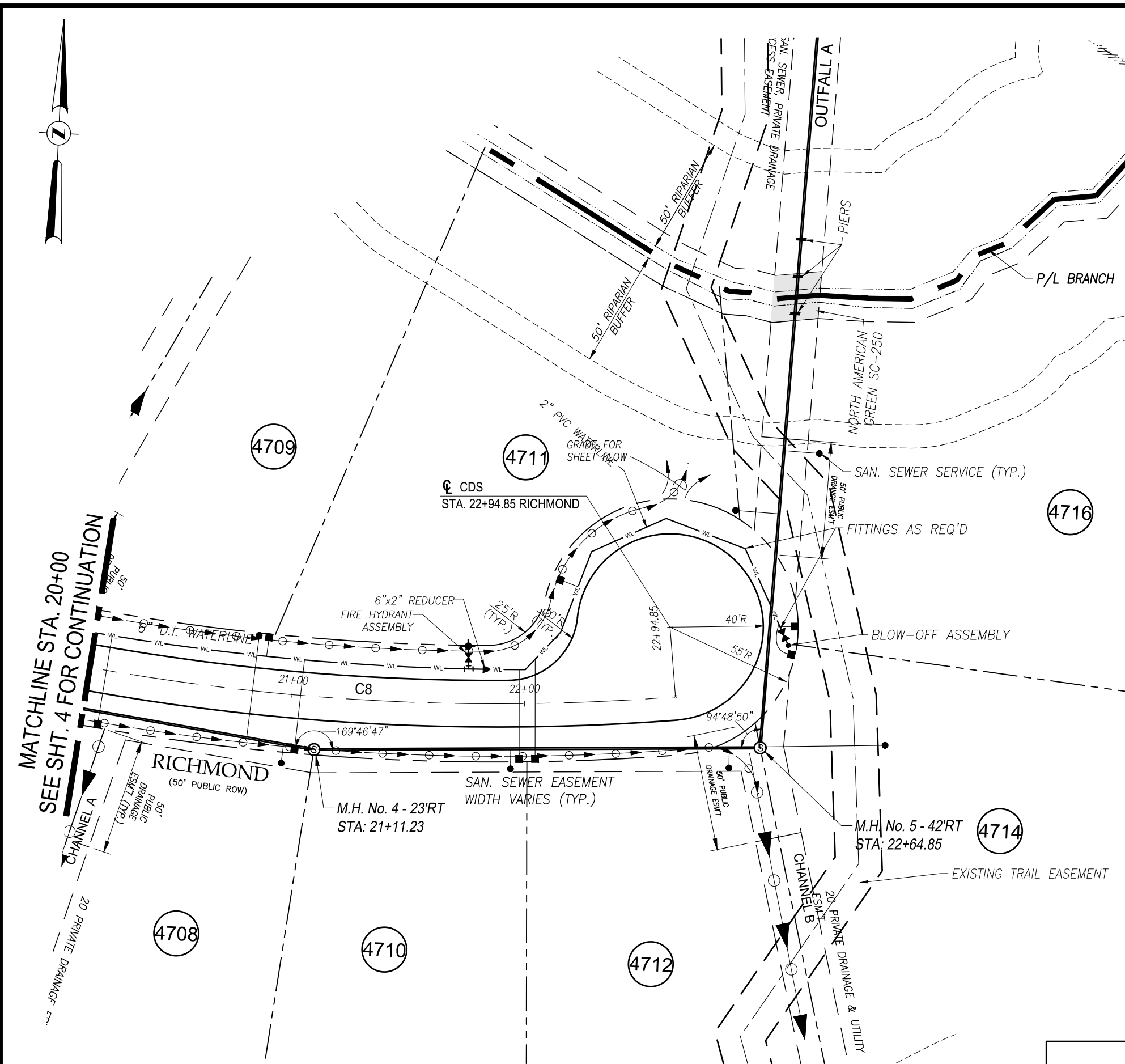
PROFILE LEGEND



PROFILE - MILLCROFT STA. 10+00 TO 22+00

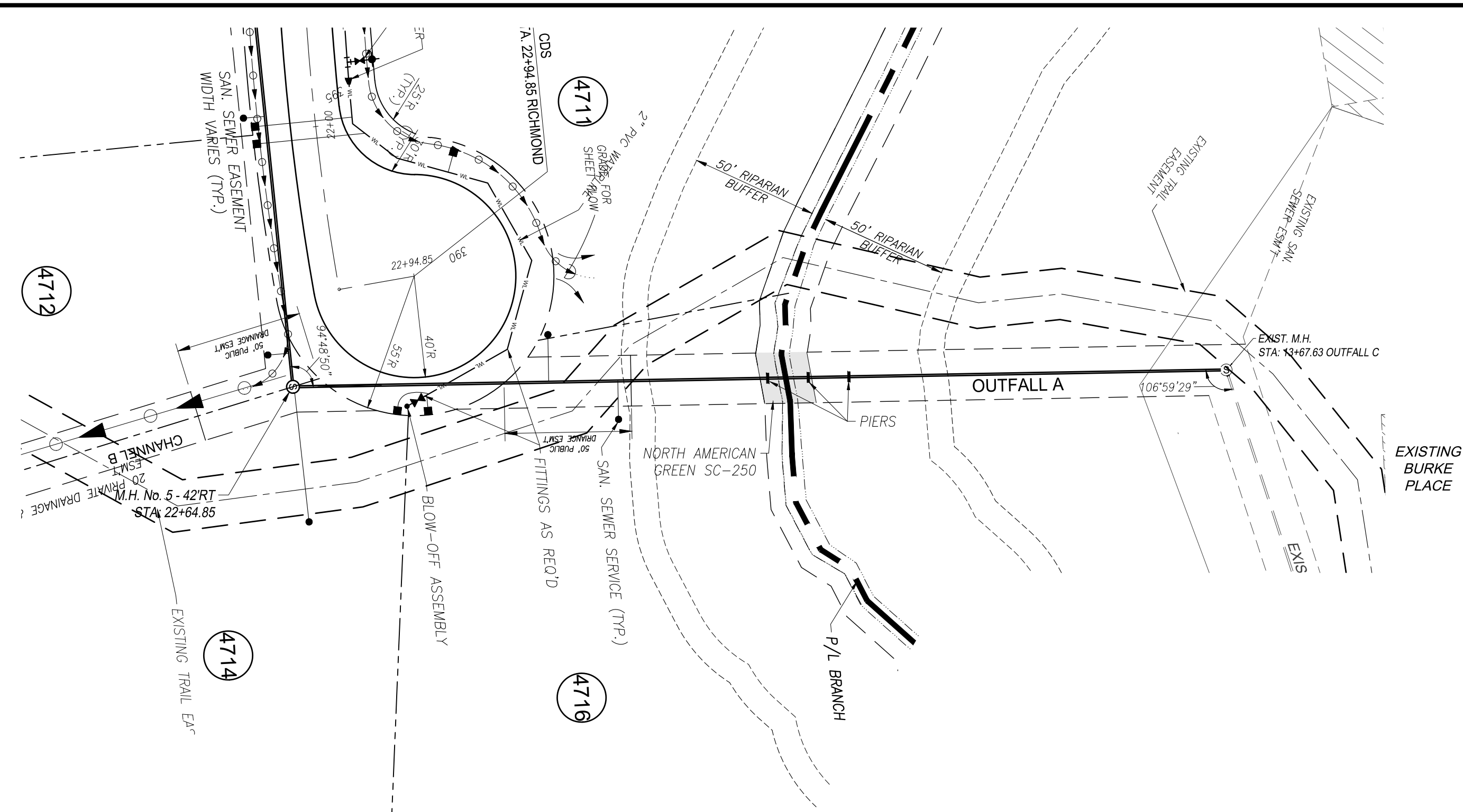
HORIZONTAL SCALE: 1" = 40'
VERTICAL SCALE: 1" = 4'



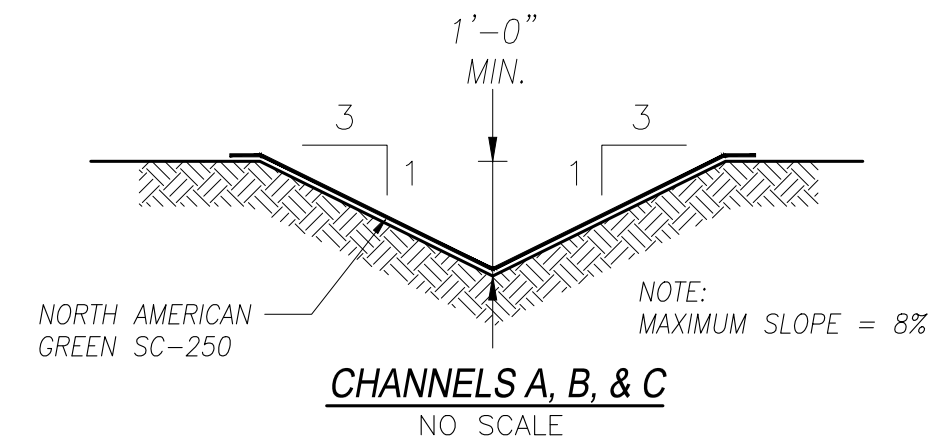


PLAN - RICHMOND STA. 20+00 CDS
 (50' PUBLIC ROW)
 SCALE: 1" = 40'

Curve Data				
Curve #	Radius	Length	Chord Length	Delta
C8	990.92	265.33	264.54	15.34

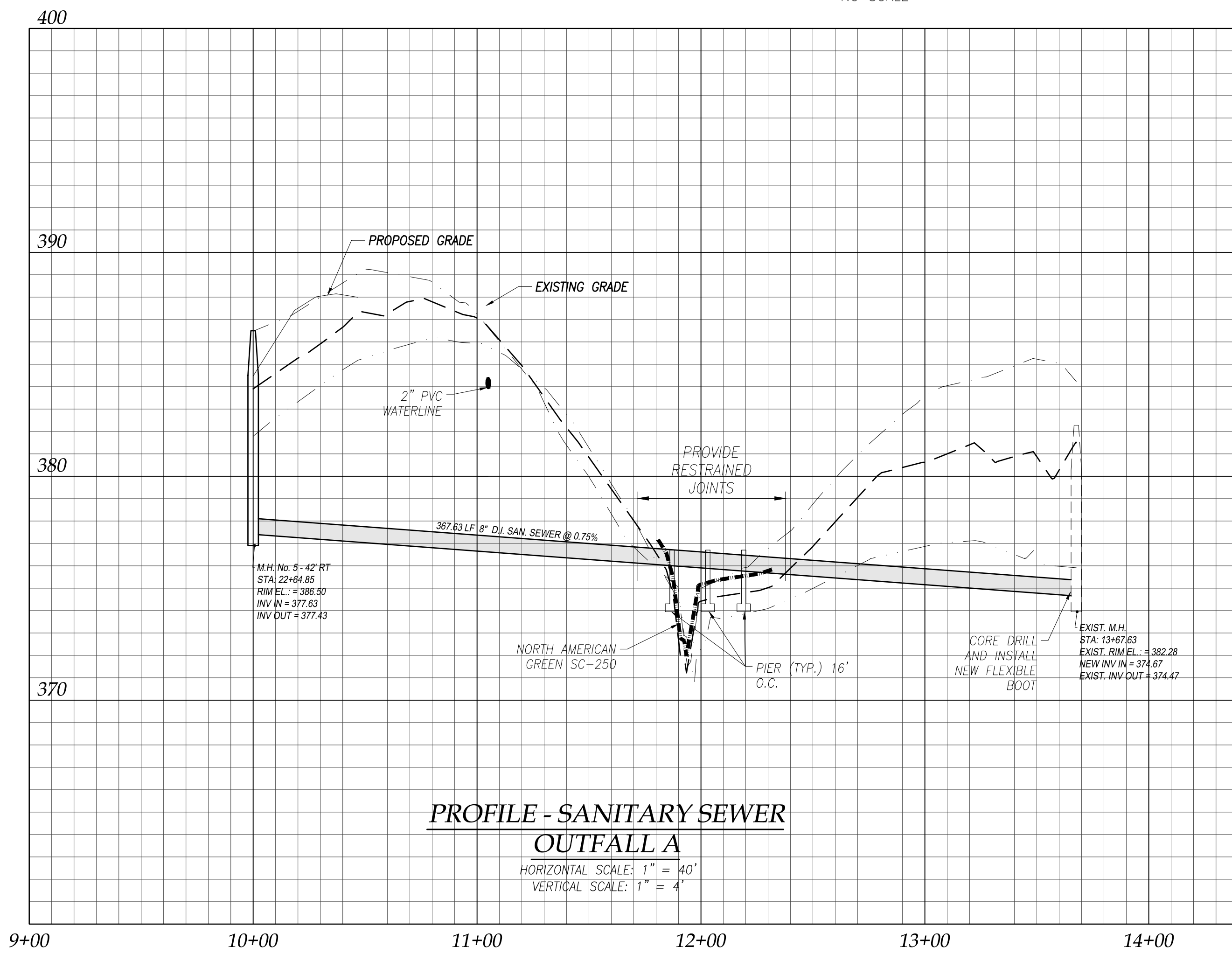
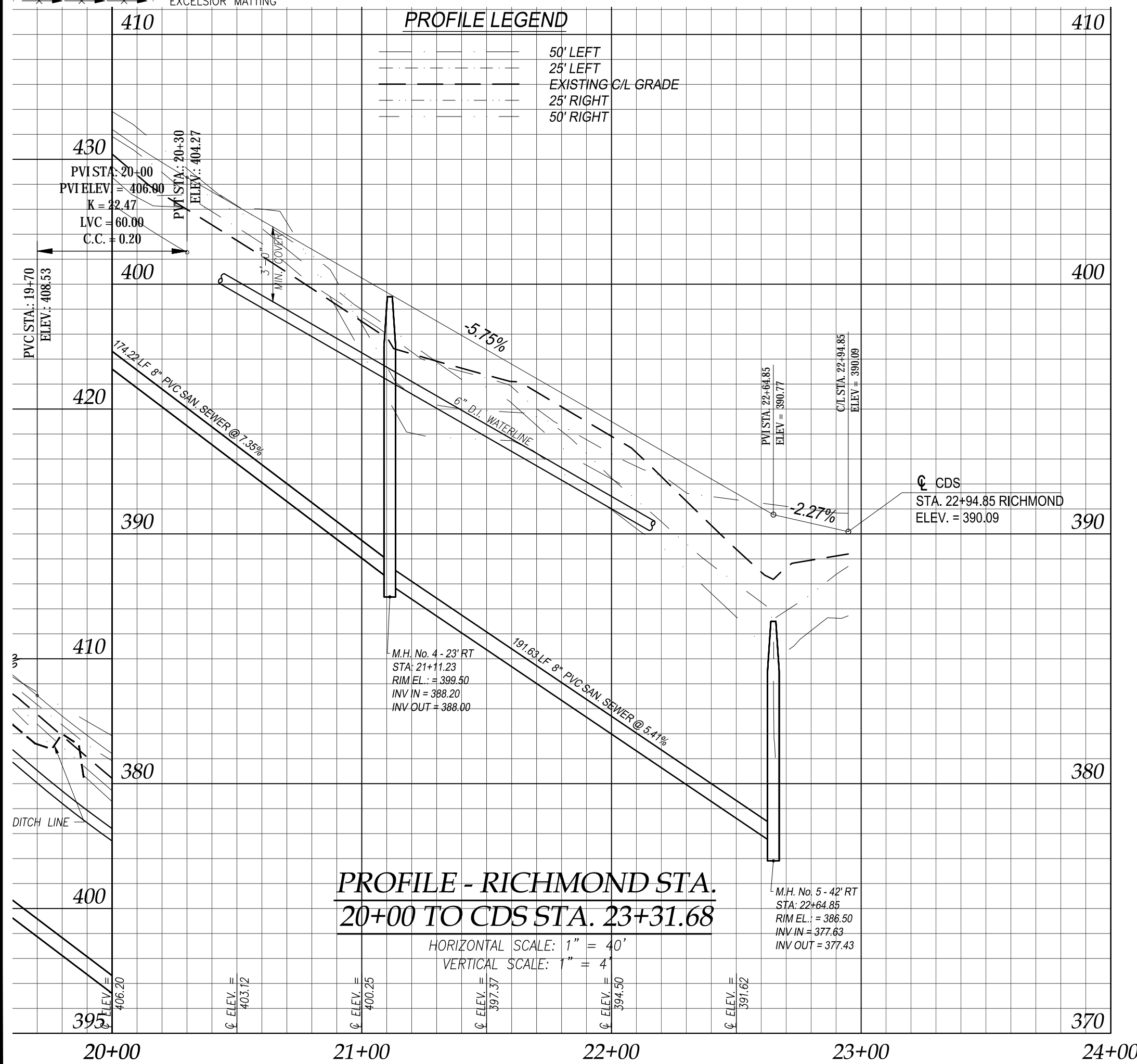


PLAN - OUTFALL A
 SCALE: 1" = 40'

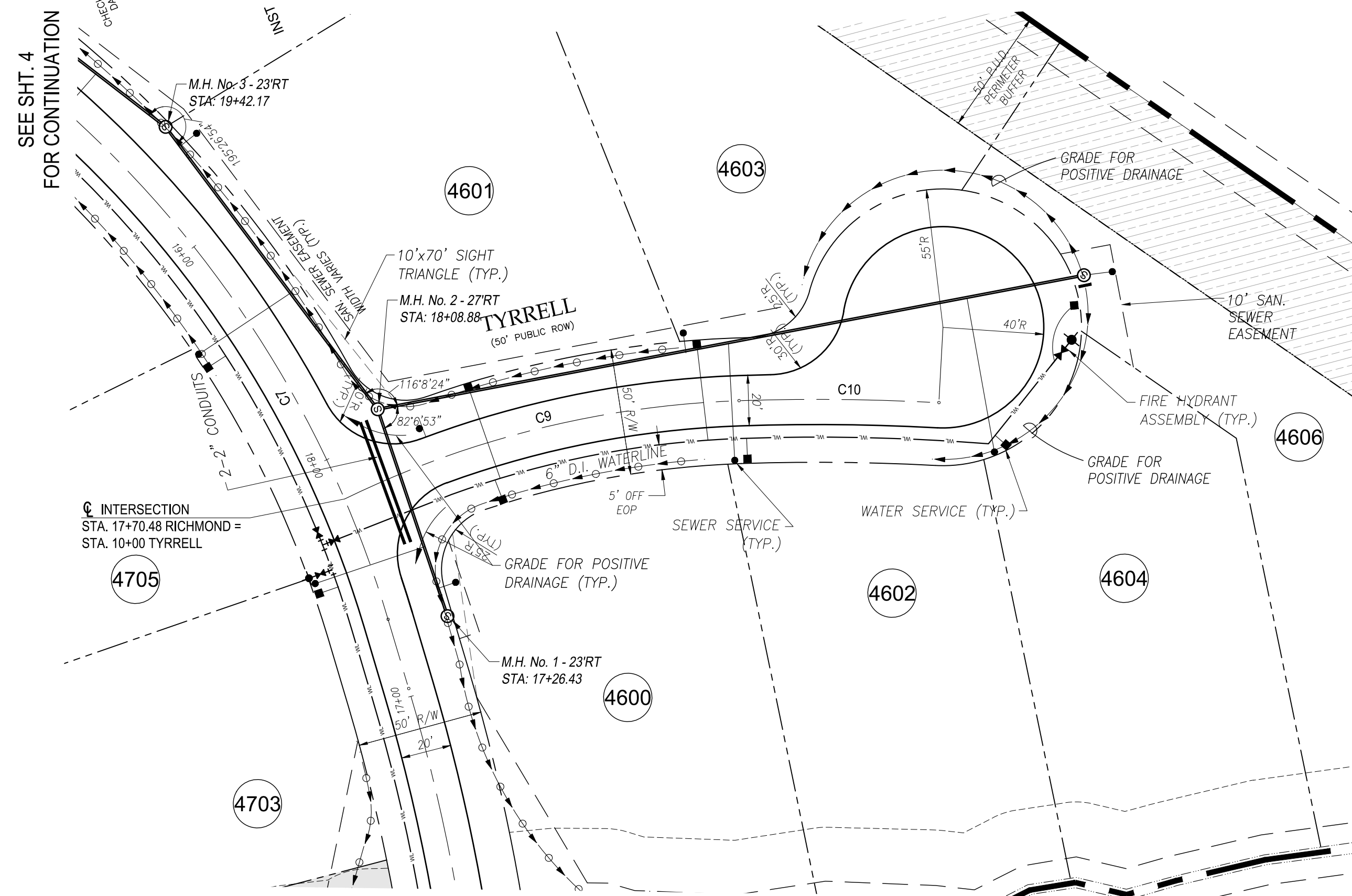
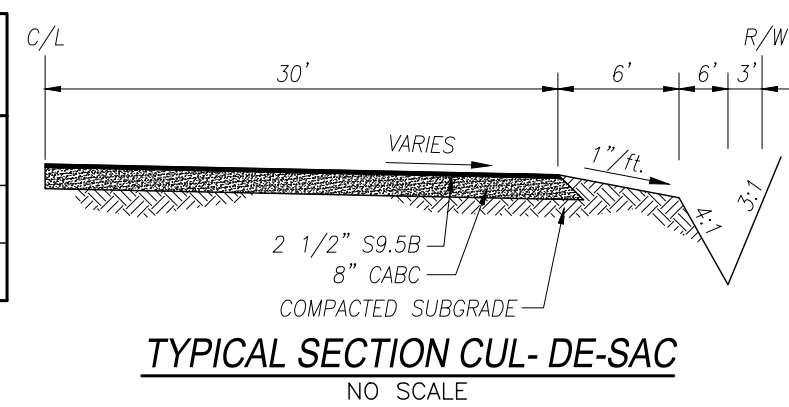


- DITCH LEGEND**
- 12" CLASS B RIP-RAP W/ FILTER FABRIC
 - NORTH AMERICAN GREEN SC-250
 - ×-×-×-× EXCELSIOR MATTING

NOTE:
 PROVIDE NORTH AMERICAN GREEN S75 MATTING ALL DITCHES WITHOUT SPECIFIED LINING



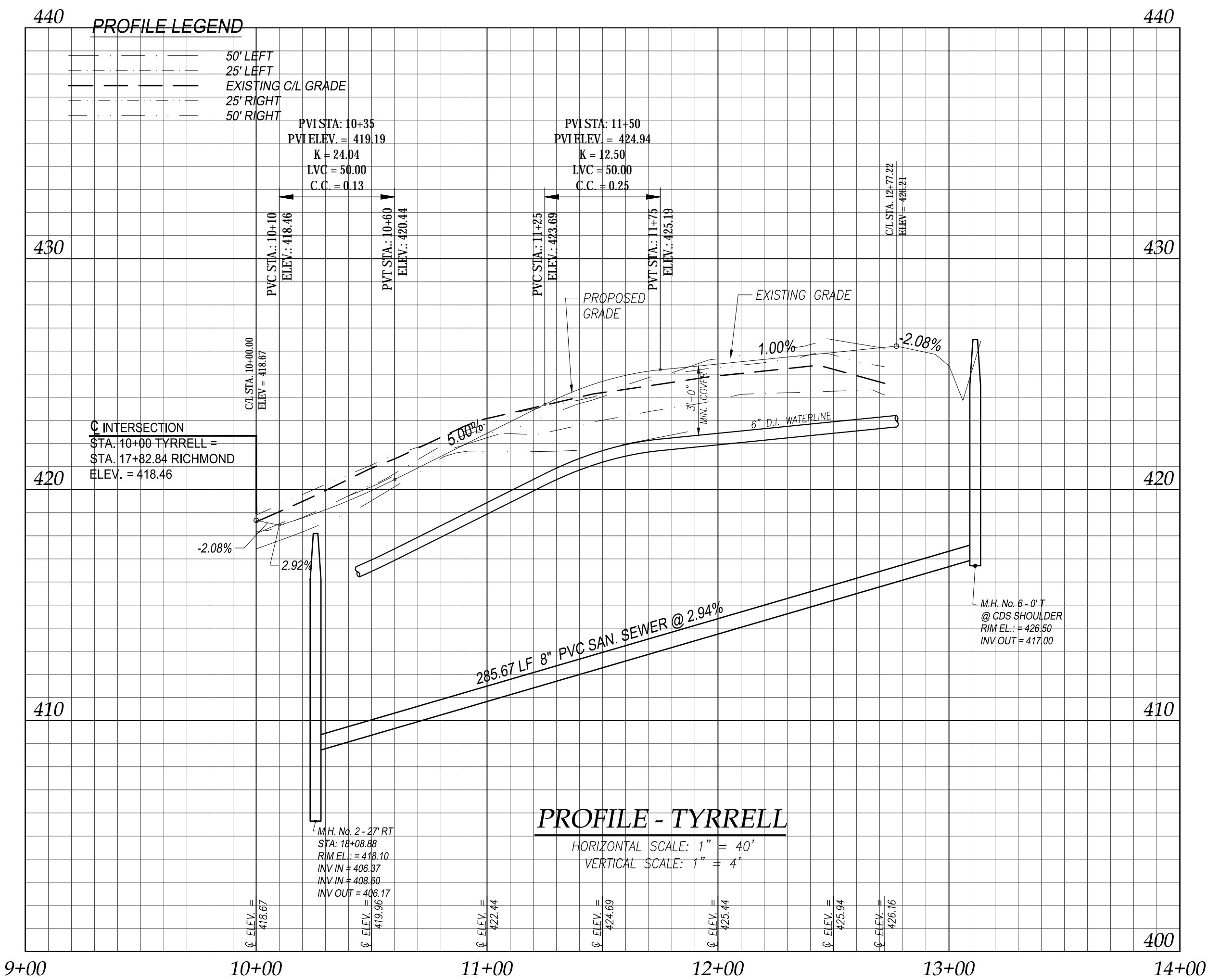
Curve Data				
Curve #	Radius	Length	Chord Length	Delta
C9	388.00	162.77	161.58	24.04
C10	894.84	79.45	79.43	5.09



- DITCH LEGEND**
- 12" CLASS 8 RIP-RAP W/ FILTER FABRIC
 - NORTH AMERICAN GREEN SC-250
 - EXCELSIOR MATTING

SEE SHT. 4 FOR CONTINUATION
PLAN - TYRRELL
 SCALE: 1" = 40'

NOTE:
 PROVIDE NORTH AMERICAN GREEN
 S75 MATTING ALL DITCHES WITHOUT
 SPECIFIED LINING



SEE SHT. 3 FOR PLAN
**PROFILE - SANITARY SEWER
 OUTFALL B**
 HORIZONTAL SCALE: 1" = 40'
 VERTICAL SCALE: 1" = 4'

SEEDBED PREPARATION

- 1.) Chisel compacted areas and spread topsoil 3 inches deep over chosen soil conditions, if available.
- 2.) Rip the entire area to 6 inches depth.
- 3.) Remove all loose rock, roots, and other obstructions leaving surface reasonably smooth and uniform.
- 4.) Apply agricultural lime, fertilizer, and superphosphate uniformly and mix with soil (see below*).
- 5.) Continue tillage until a well-pulverized, firm, reasonably uniform seedbed is prepared 4 to 6 inches deep.
- 6.) Seed on a freshly prepared seedbed and cover seed lightly with seeding equipment or cultipack after seeding.
- 7.) Mulch immediately after seeding and anchor mulch.
- 8.) Inspect all seeded areas and make necessary repairs or reseedings within the planting season, if possible. If stand should be over 60% damaged, reestablish following original time, fertilizer and seeding rates.
- 9.) Consult Erosion Control Officer on maintenance treatment and fertilization after permanent cover is established.

- * Apply: Agricultural Limestone - 2 tons/acre (3 tons/acre in clay soils)
 Fertilizer - 1,000 lbs./acre 10-10-10
 Superphosphate - 500 lbs./acre - 20% analysis
 Mulch - 2 tons/acre - small grain straw
 Anchor - Asphalt Emulsion @ 300 gals./acre

SEEDING SCHEDULE

Shoulders, Side Ditches, Slopes (MAX. 3:1)

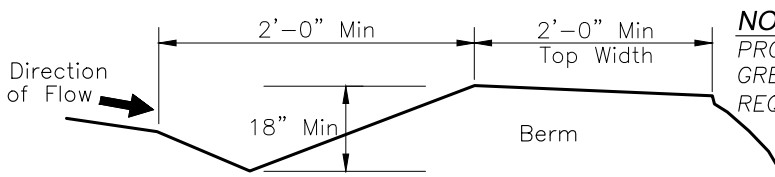
Date	Type	Planting Rate
Aug 15-Nov 1	Tall Fescue	300 lbs./acre
Nov 1-Mar 1	Tall Fescue & Abruzzi Ryegrass	300 lbs./acre
Mar 1-Apr 15	Tall Fescue	25 lbs./acre
Apr 15-June 30	Hulled Common Bermudagrass	300 lbs./acre
Jul 1-Aug 15	Tall Fescue and *** Browntop Millet *** or Sorghum-Sudan Hybrids	120 lbs./acre 35 lbs./acre 30 lbs./acre
Mar 1-June 1	Sericea Lespedeza (scarified) & Add Tall Fescue	50 lbs./acre 120 lbs./acre
(Mar 1-Apr 15)		
(Mar 1-June 30)	or Add Hulled Common Bermudagrass	25 lbs./acre
June 1-Sep 1	*** Tall Fescue and *** Browntop Millet *** or Sorghum-Sudan Hybrids	120 lbs./acre 35 lbs./acre 30 lbs./acre
Sep 1-Mar 1	Sericea Lespedeza (unhulled-unsscarified) and Tall Fescue	70 lbs./acre 120 lbs./acre
(Nov 1-Mar 1)	Add Abruzzi Ryegrass	25 lbs./acre

Slopes (3:1 to 2:1)

Mar 1-June 1	Sericea Lespedeza (scarified) & Add Tall Fescue	50 lbs./acre 120 lbs./acre
(Mar 1-Apr 15)		
(Mar 1-June 30)	or Add Hulled Common Bermudagrass	25 lbs./acre
June 1-Sep 1	*** Tall Fescue and *** Browntop Millet *** or Sorghum-Sudan Hybrids	120 lbs./acre 35 lbs./acre 30 lbs./acre
Sep 1-Mar 1	Sericea Lespedeza (unhulled-unsscarified) and Tall Fescue	70 lbs./acre 120 lbs./acre
(Nov 1-Mar 1)	Add Abruzzi Ryegrass	25 lbs./acre

Consult Conservation Engineer or Soil Conservation Services for additional information concerning other alternatives for vegetation of denuded areas. The above vegetation rates are those which do well under local conditions; other seeding rate combinations are possible. For a low quality turf, double or triple rates.

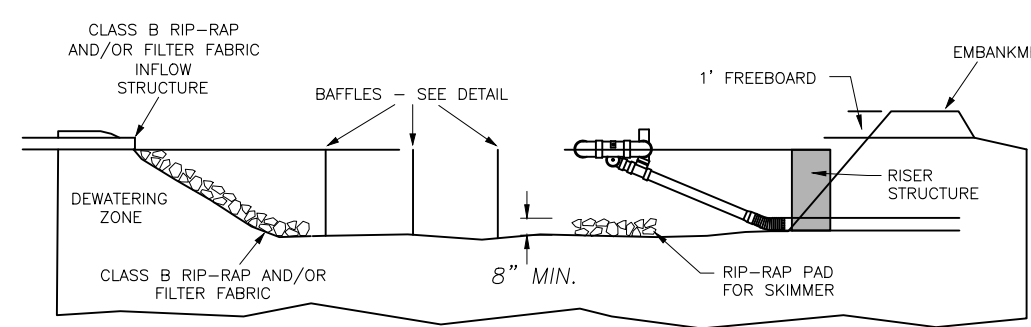
***Temporary - Reseed according to optimum season for desired permanent vegetation. Do not allow temporary cover to grow over 12" in height before mowing, otherwise fescue may be shaded out.



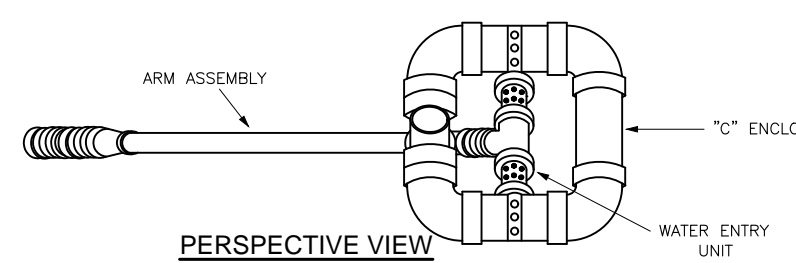
NOTE: PROVIDE NORTH AMERICAN GREEN S75 MATTING WHERE REQ'D TO ESTABLISH COVER

TEMPORARY DIVERSION SWALE DETAIL

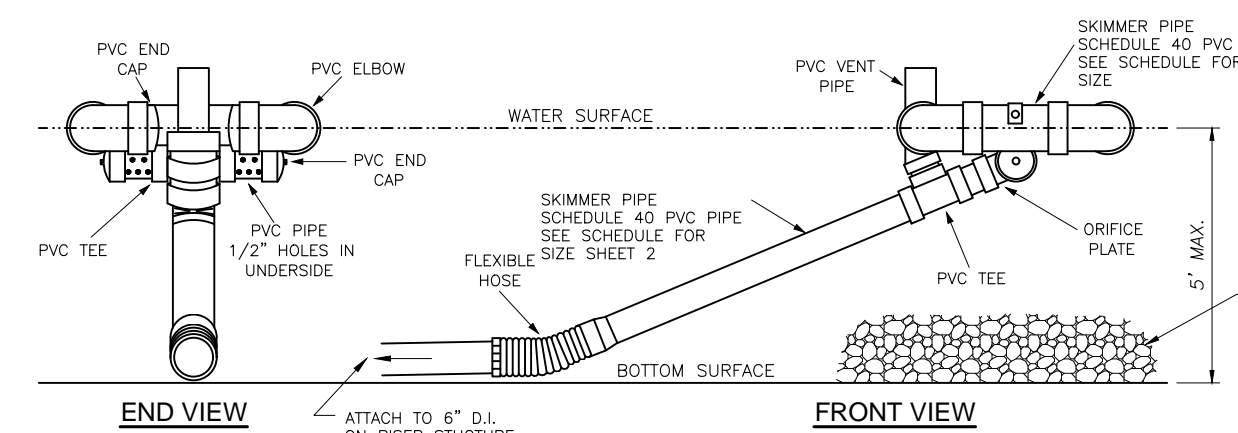
Maintenance
 Inspect temporary diversions once a week and after every rainfall. Immediately remove sediment from the flow area and repair the diversion ridge. Carefully check outlets and make timely repairs as needed. When the area protected is permanently stabilized, remove the ridge and the channel to blend with the natural ground level and appropriately stabilize it.



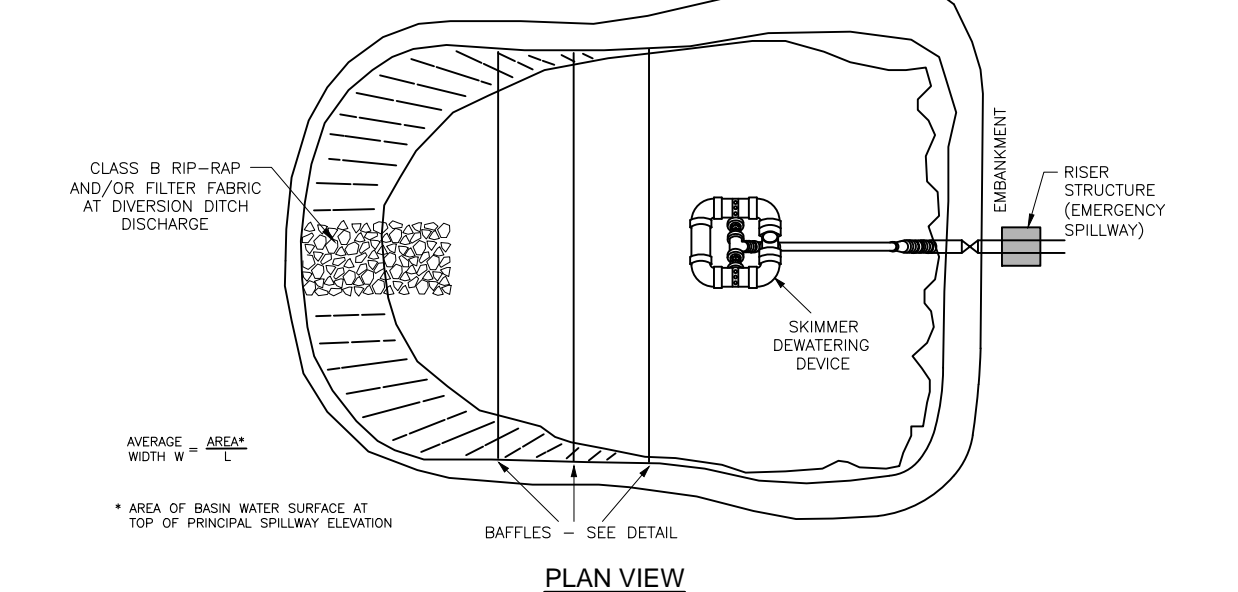
CROSS-SECTION VIEW



PERSPECTIVE VIEW



END VIEW FRONT VIEW



SKIMMER BASIN DETAIL

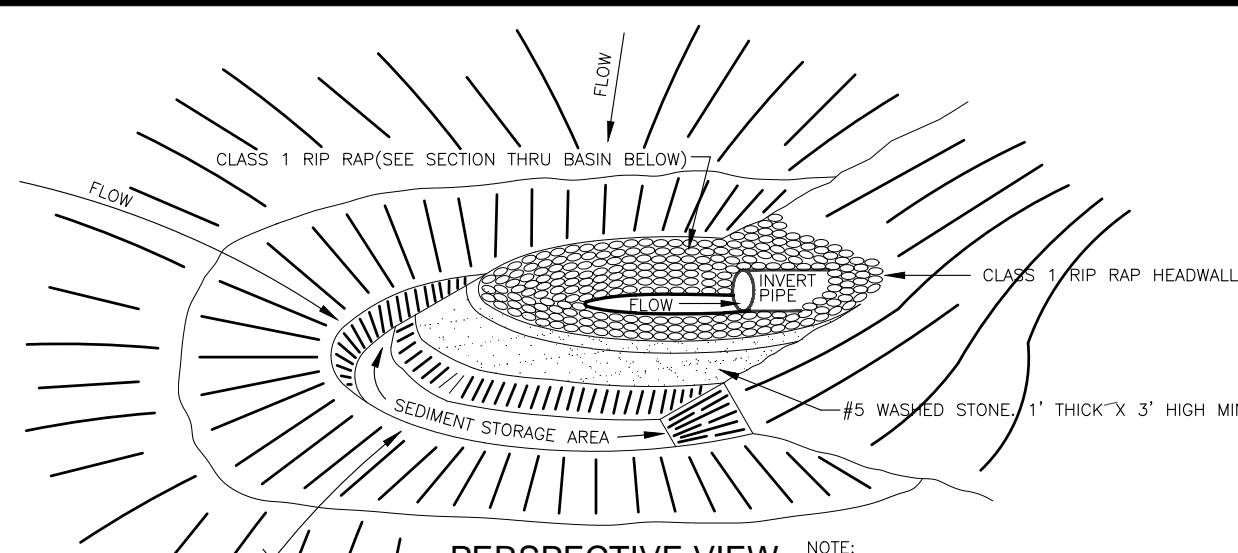
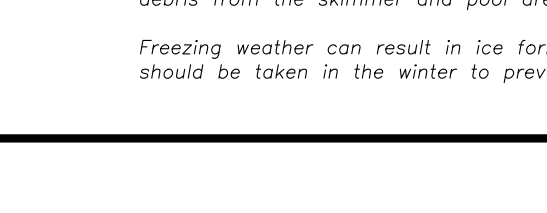
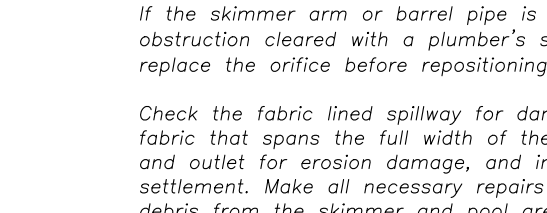
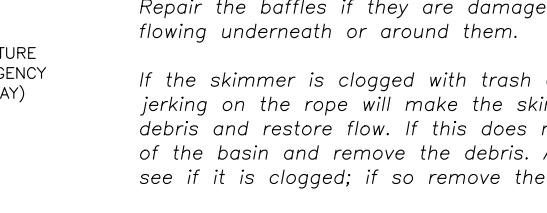
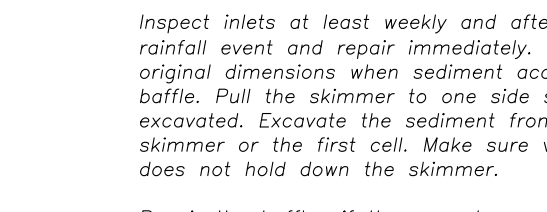
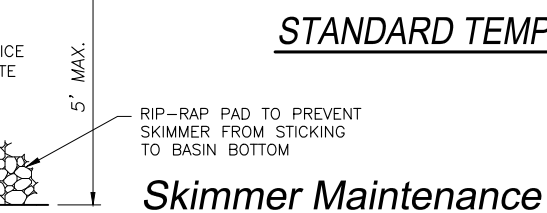
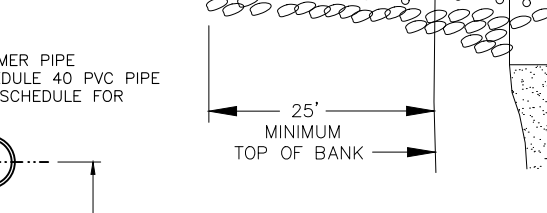
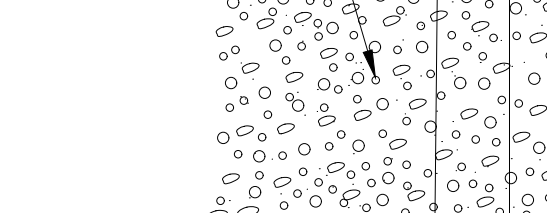
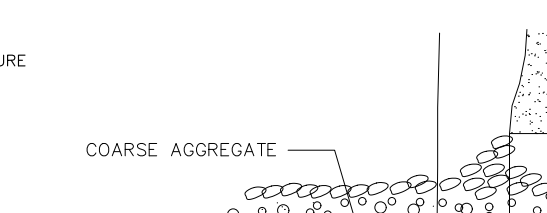
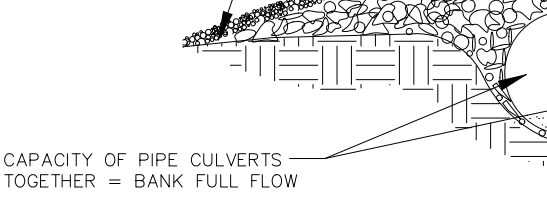
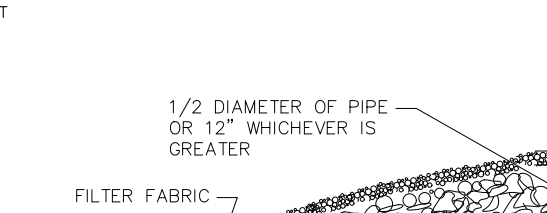
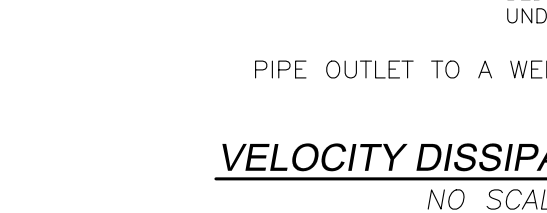
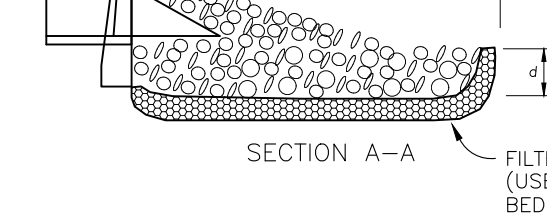
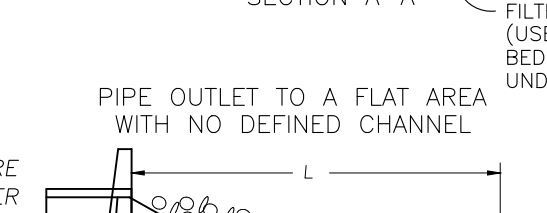
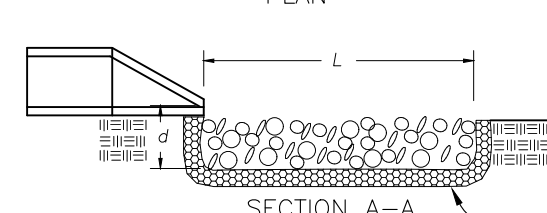
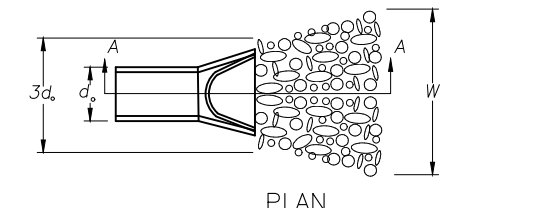
* AREA OF BASIN WATER SURFACE AT TOP OF RISING SPILLWAY ELEVATION

CONSTRUCTION SEQUENCE

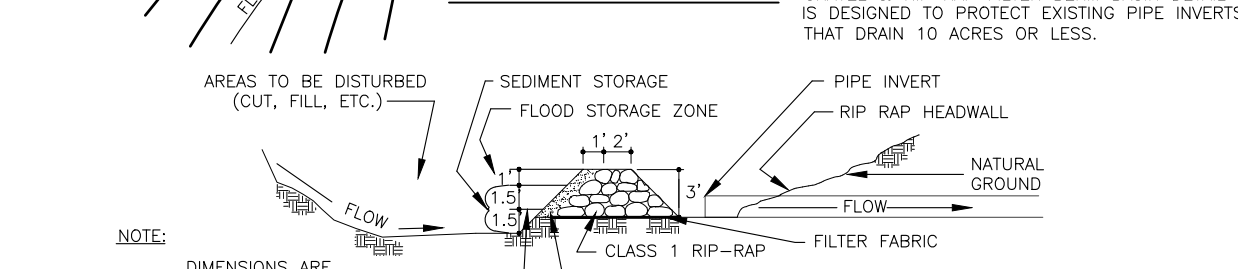
1. Obtain grading permit. Schedule and hold pre-construction meeting with Chatham County Erosion and Sedimentation control inspector. Construct temporary stream crossing.
2. Install gravel entrance and all silt fence. Clear only as required for silt fence.
3. Construct sediment basins and clear water diversion. Stabilize immediately. Install pipe P-1 with dissipator.
4. Construct temporary diversion ditches. Stabilize immediately.
5. Call (919) 545-8343 for on-site inspection by an Erosion Control Officer. If approved, begin clearing and grubbing.
6. Provide all monitoring, inspection, and record keeping as required by conditions of NCDOT/DOE Storm Water Discharge Permit. Provide copies to Chatham County Erosion Control Officer.
7. Rough grade site. Maintain devices weekly, after each rain and as needed. Stabilize pipe outlet areas before pipe construction.
8. Install utilities and storm drainage. Provide inlet protection for all inlets.
9. Stabilize site as areas are brought up to finish grade with vegetation, paving, etc. The angle for graded slopes and fills shall be no greater than the angle that can be retained by vegetative cover or other adequate erosion control devices or structures. In any event, slopes left exposed will, within 21 calendar days of completion of any phase of grading, be planted or otherwise provided with temporary ground cover, devices or structures sufficient to restrain erosion.
10. When construction is complete and all areas are stabilized completely, call for inspection by Erosion Control Officer.
11. If site is approved, remove temporary diversions, silt fencing, and seed out or pave any bare areas. Stabilize these areas immediately. Install channels A-C.
12. When vegetation has become established, call for final site inspection by Erosion Control Officer.

SEDIMENT BASIN CONVERSION

1. Remove skimmer.
2. Remove baffles.
3. Remove sediment and dispose on approved site.
4. Grade sediment basin to detention basin final contours.
5. Seed and stabilize slopes.
6. Clean outlet pipes. Install rip rap dissipators, rip rap weirs.
7. When site is fully stabilized, call Erosion Control Officer for approval of removing remaining temporary erosion control measures and advice on when site can be issued a certificate of completion.

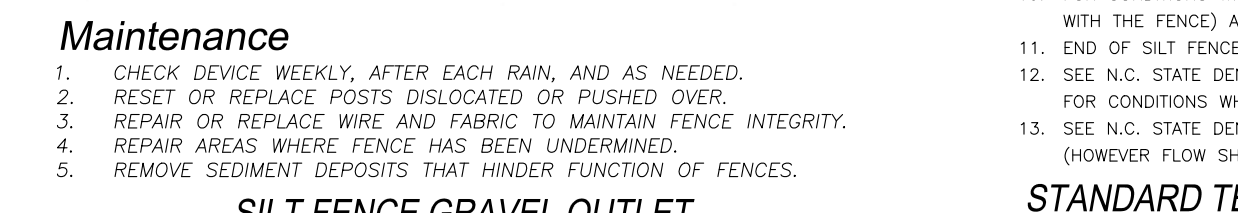
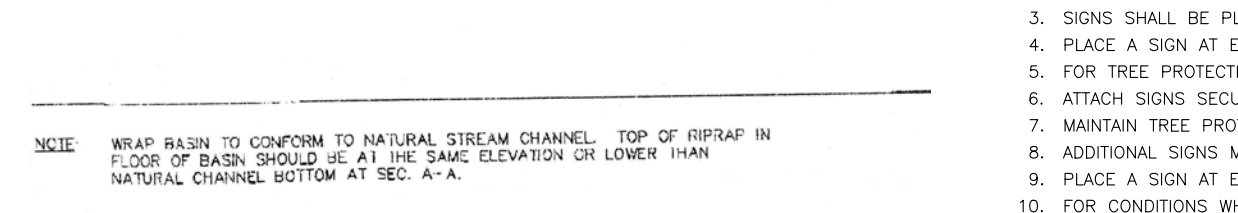
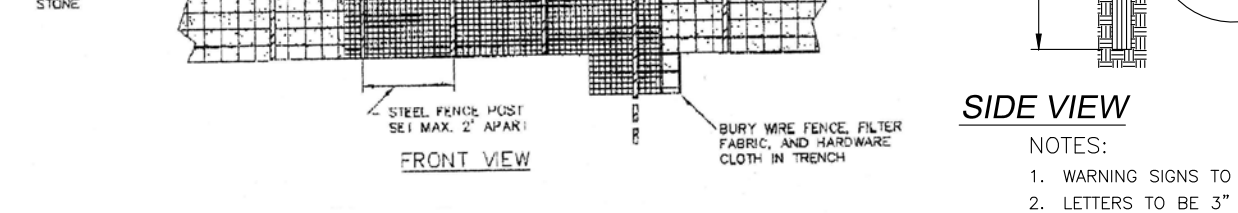
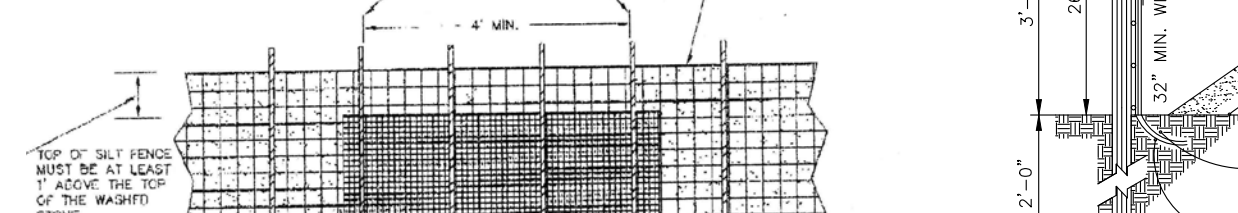
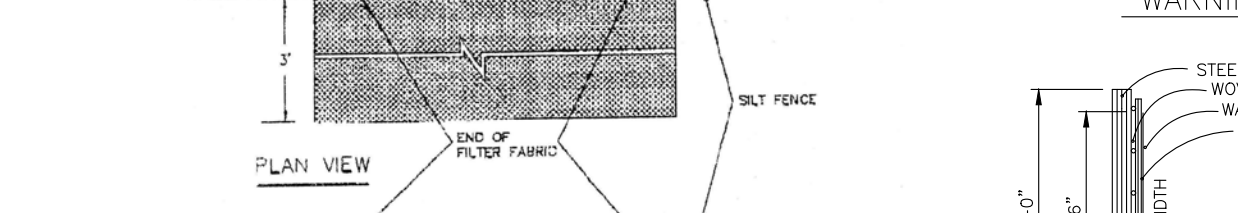
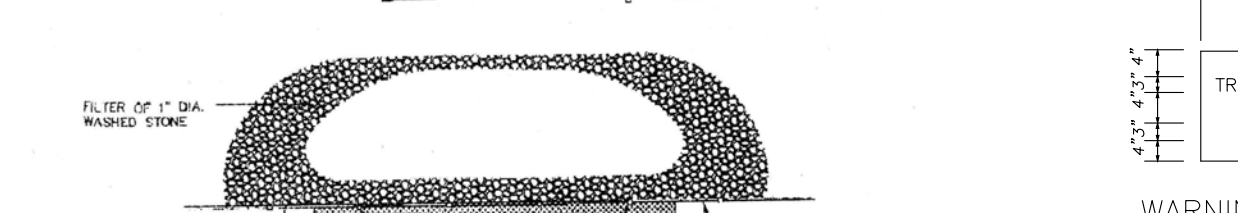
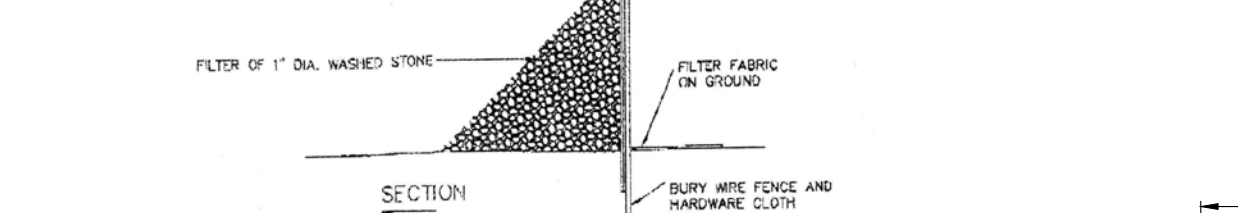
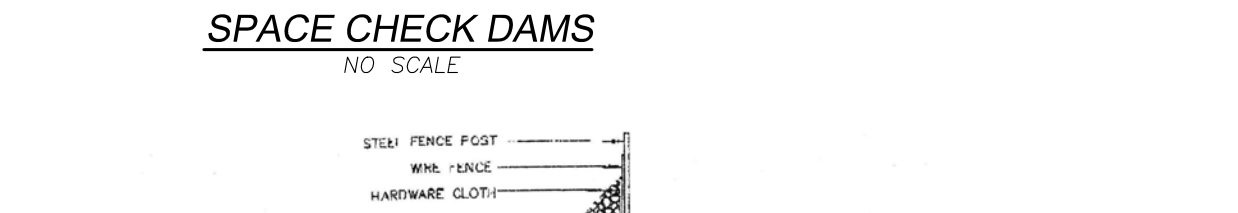
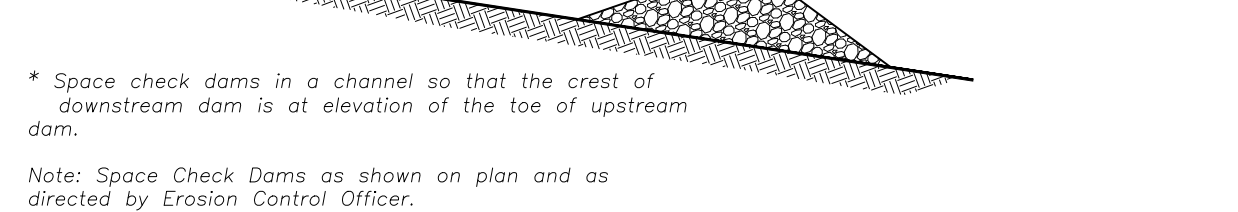
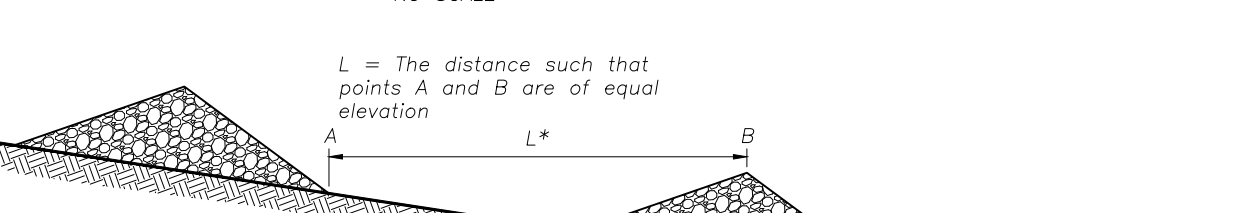
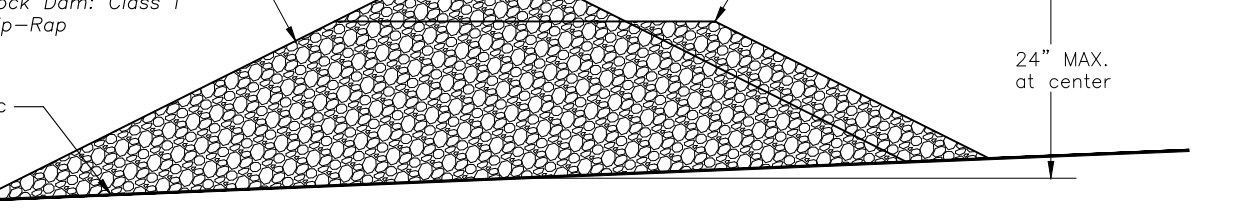
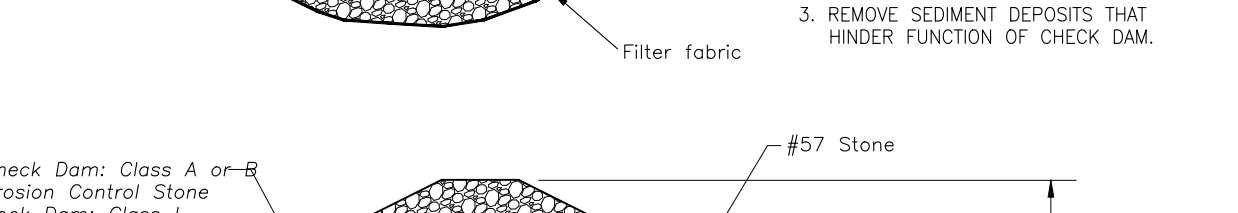
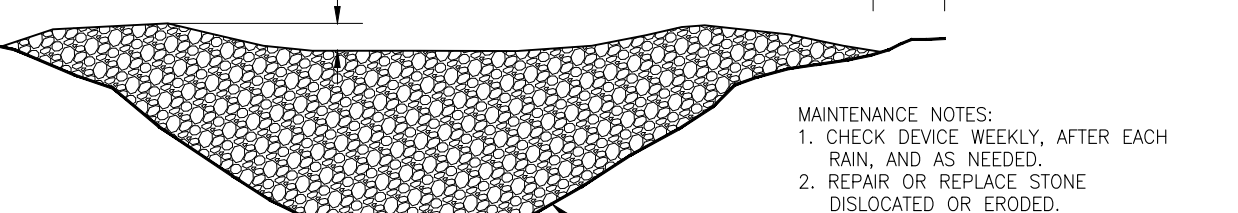
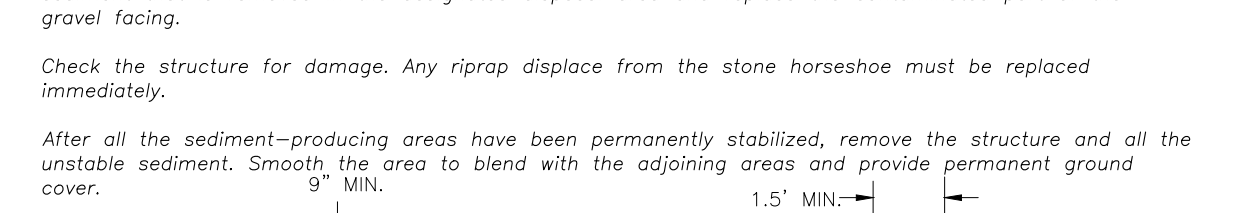


PERSPECTIVE VIEW

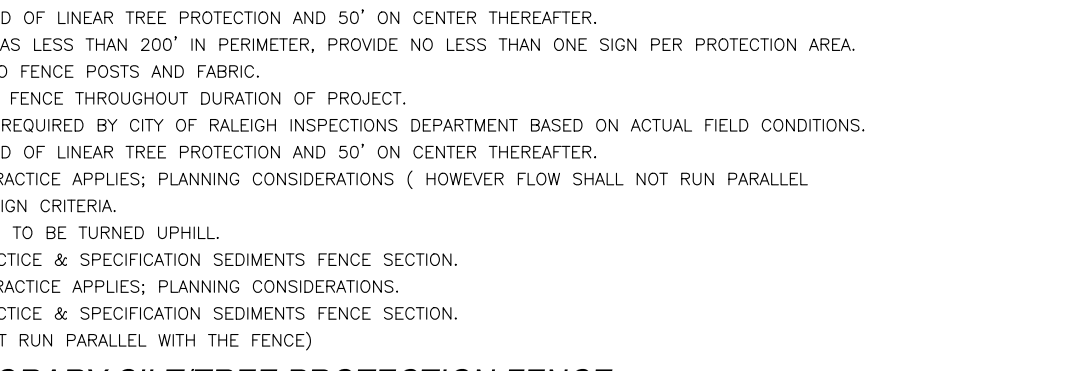
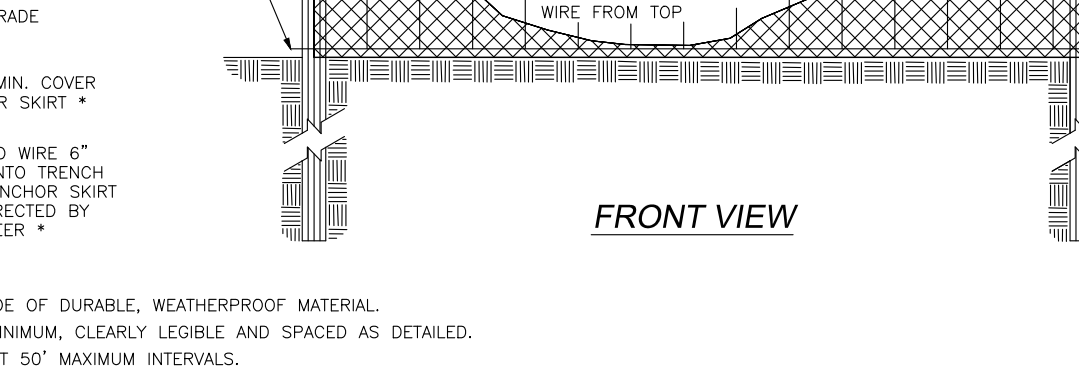
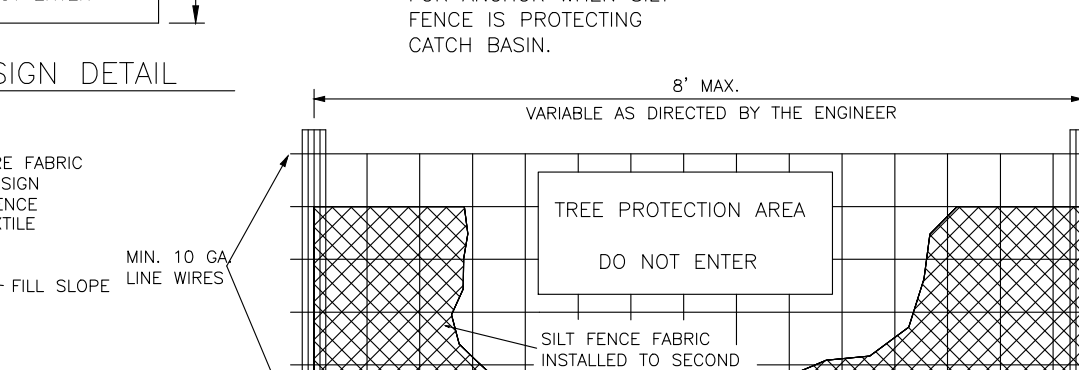
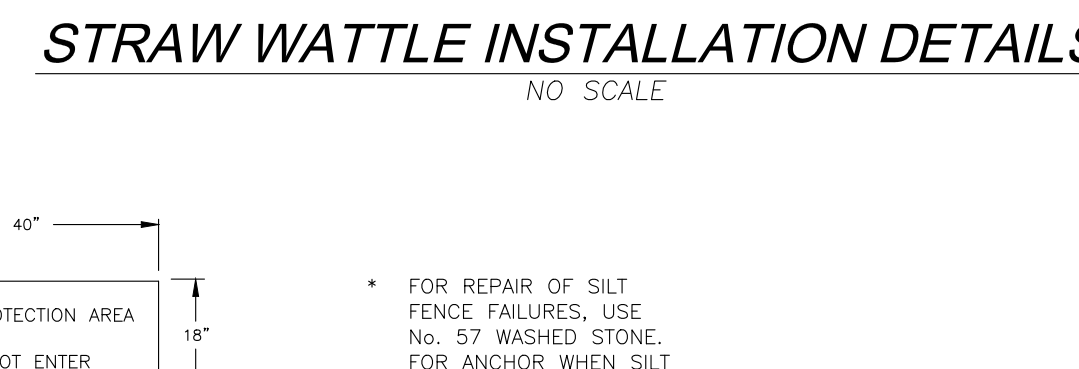
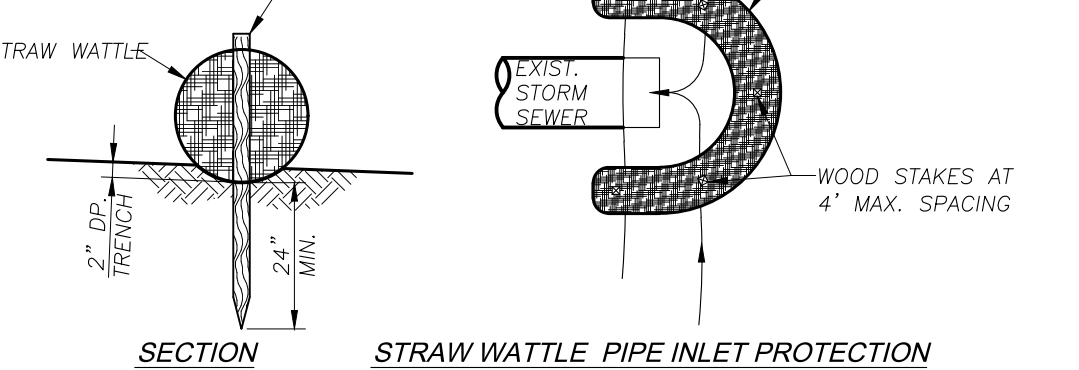
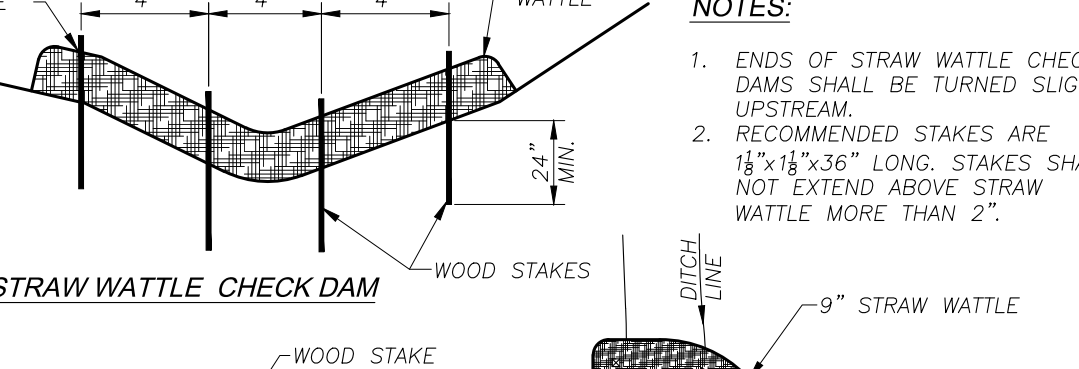
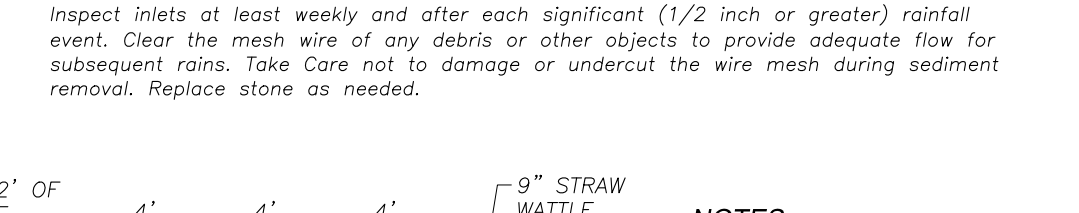
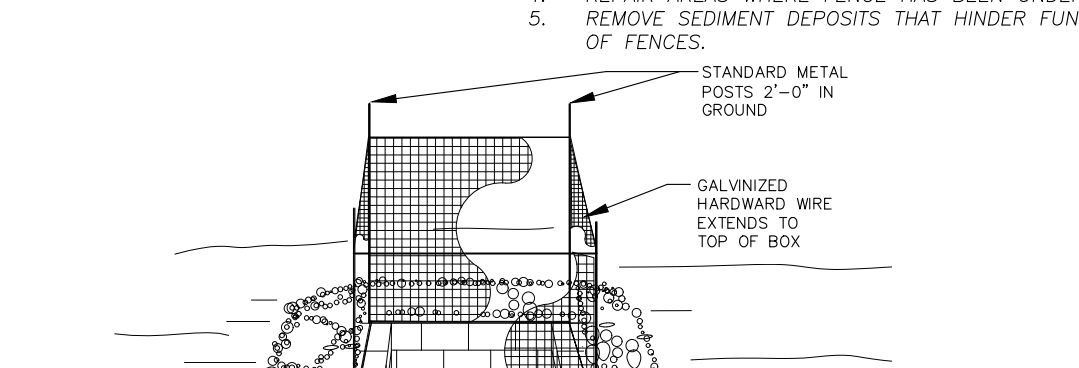
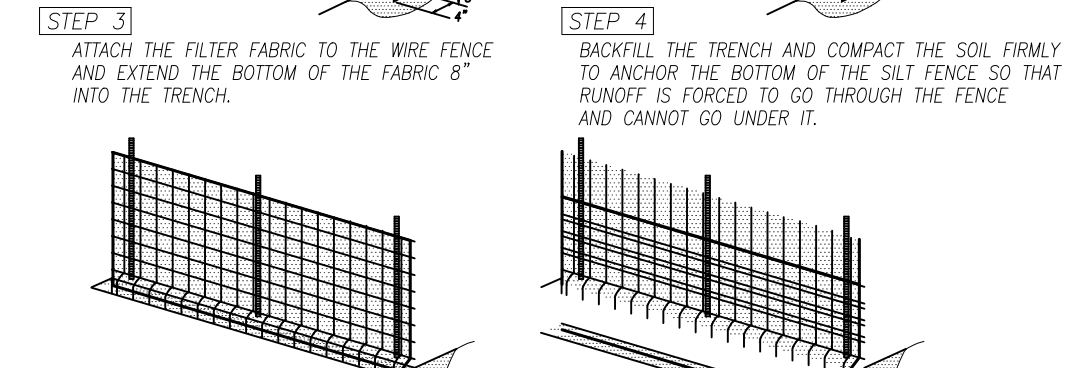
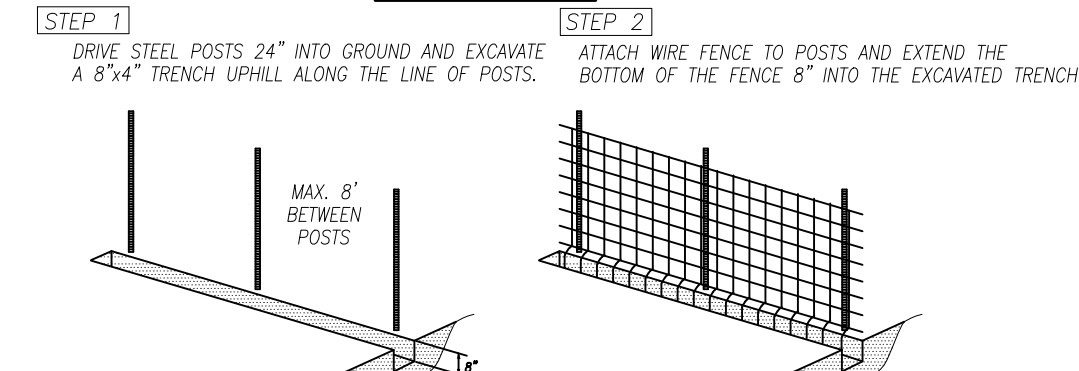


SECTION THRU BASIN, FILTER AND CULVERT PIPE

GRAVEL & RIP RAP HORSESHOE INLET BASIN
 NO SCALE
Maintenance
 Inspect rock pipe inlet protection at least weekly and after each significant (1/2 inch or greater) rainfall event and repair immediately. Remove sediment and restore the sediment storage area to its original dimensions when the sediment has accumulated to one-half the design depth of the trap. Place the sediment that is removed in the designated disposal area and replace the contaminated part of the gravel facing.
 Check the structure for damage. Any riprap displace from the stone horseshoe must be replaced immediately.
 After all the sediment-producing areas have been permanently stabilized, remove the structure and all the unstable sediment. Smooth the area to blend with the adjoining areas and provide permanent ground cover.



SILT FENCE



NOTES:

1. DIVERSION TO BE IMMEDIATELY LINE CERTIFICATE OF C DIVERSIONS SHOU
2. ANY SEDIMENT L CONTROL BMP. CI

Flow from undisturbed

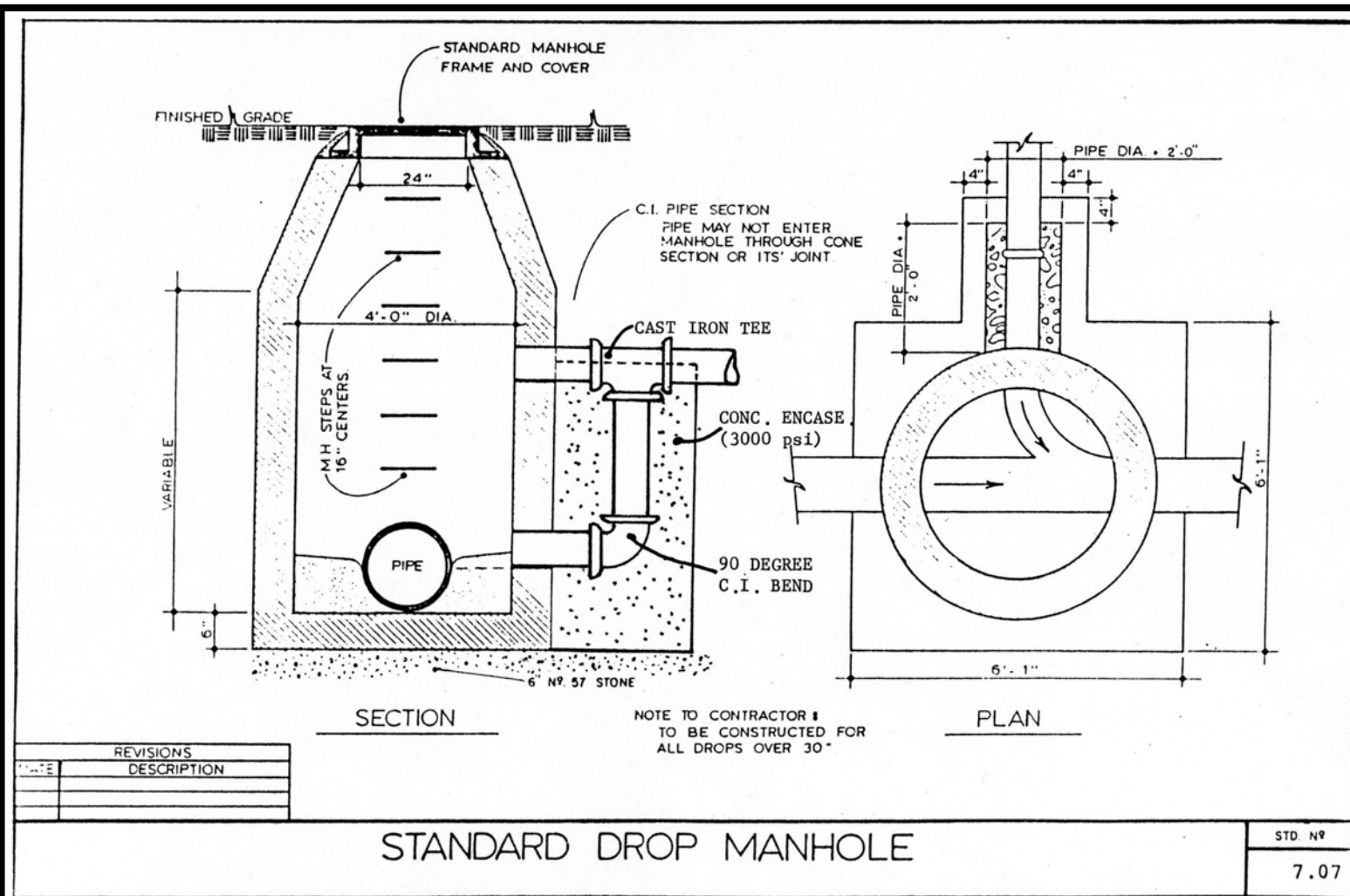
Me Appl after one

TL

NOTE: SEE FOR CONSTRUCTION

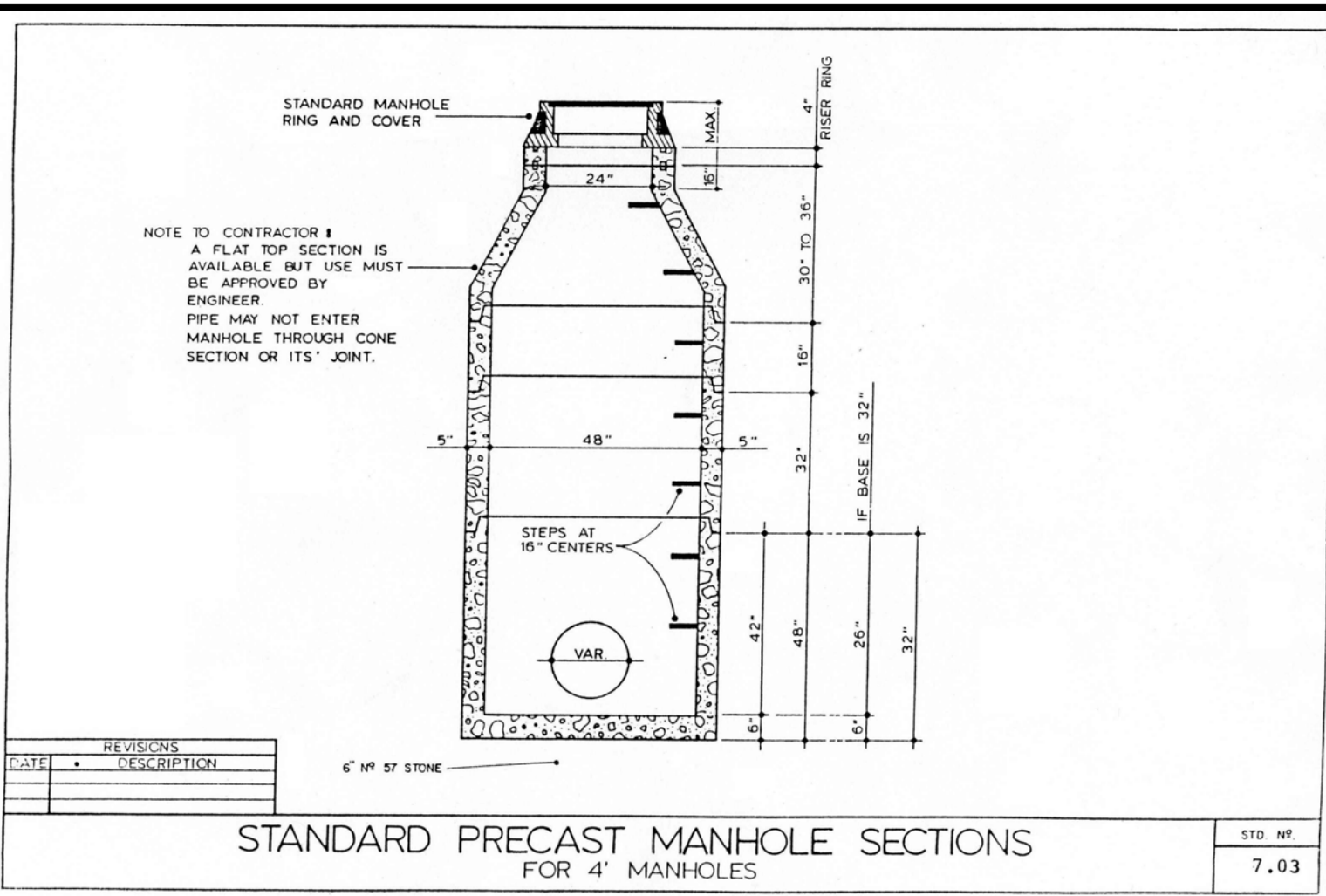
Stabilize outlet

4' level



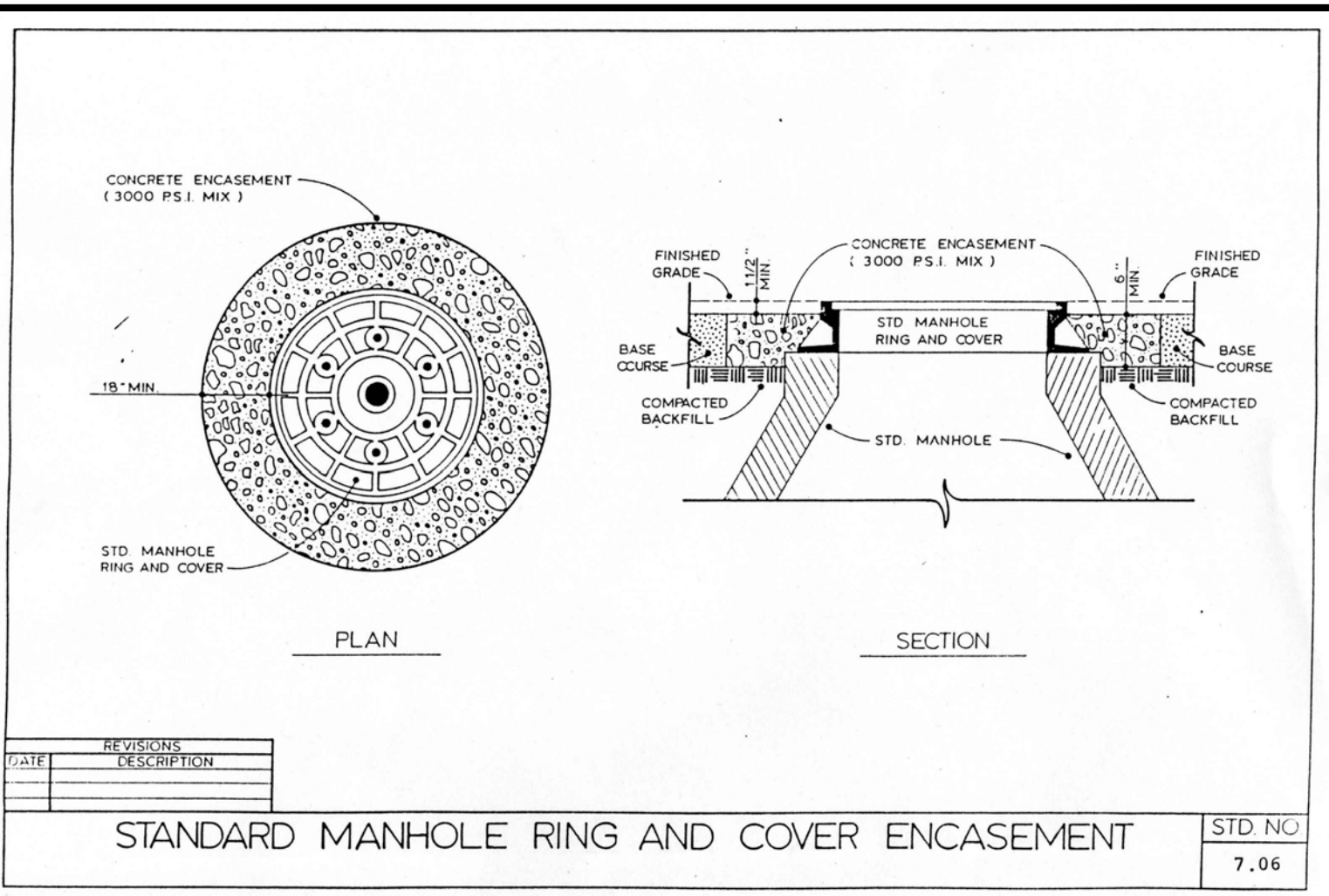
STANDARD DROP MANHOLE

STD NO
7.07



STANDARD PRECAST MANHOLE SECTIONS FOR 4' MANHOLES

STD NO
7.03

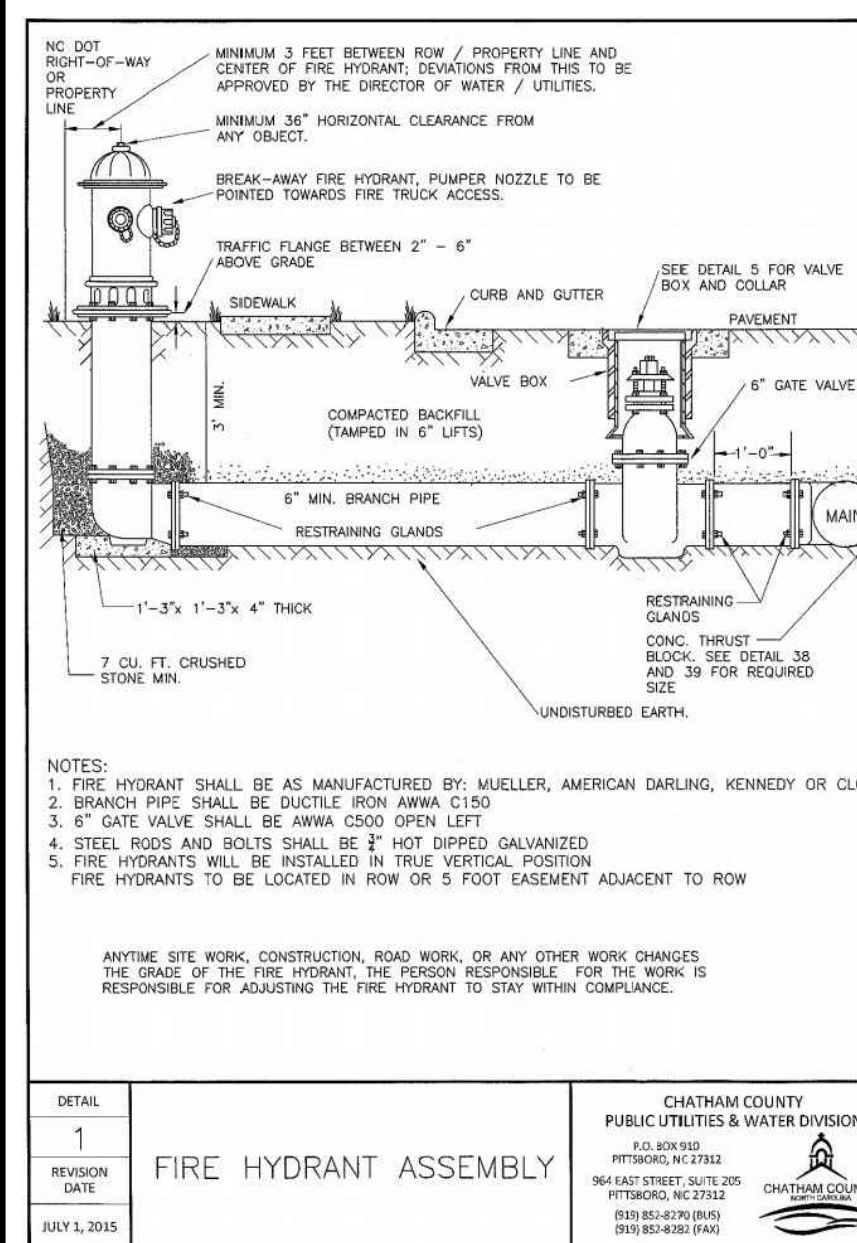


STANDARD MANHOLE RING AND COVER ENCASEMENT

STD NO
7.06

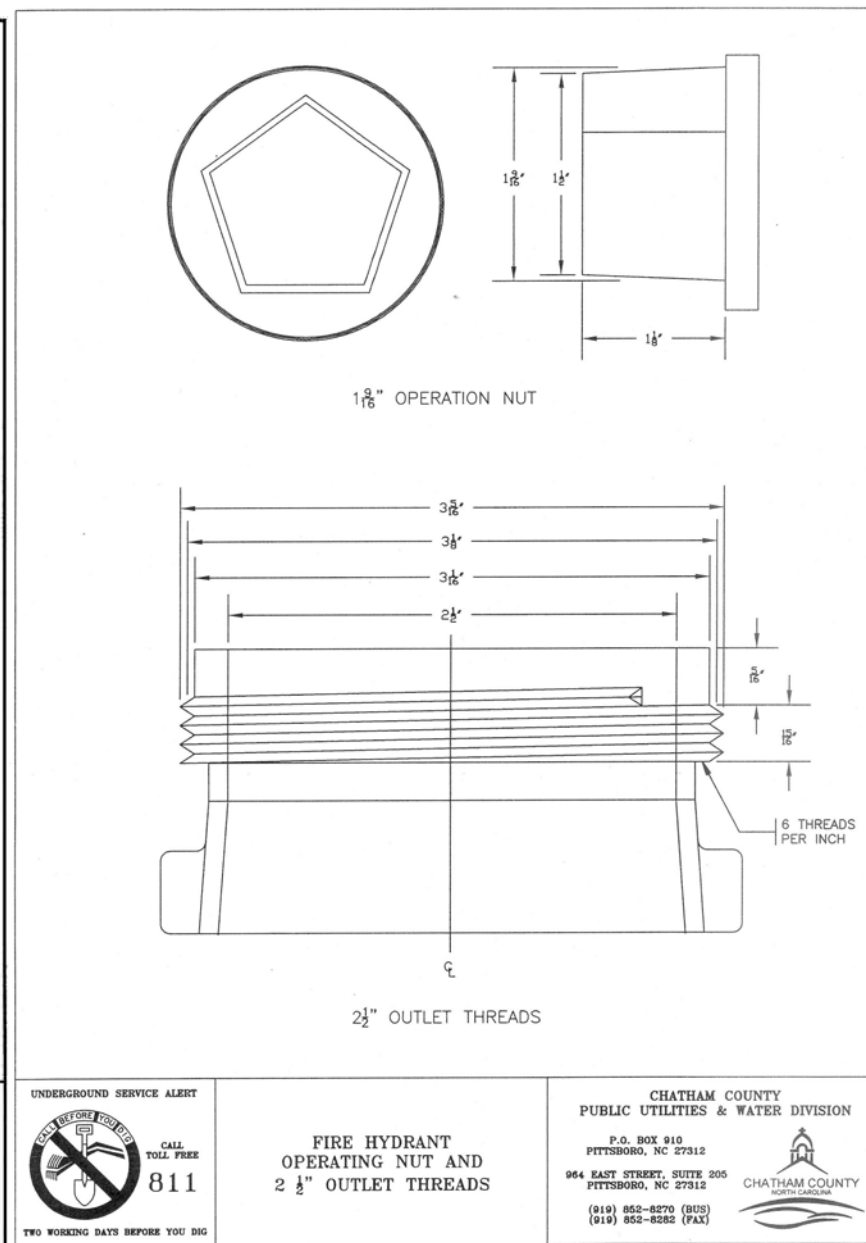


STANDARD



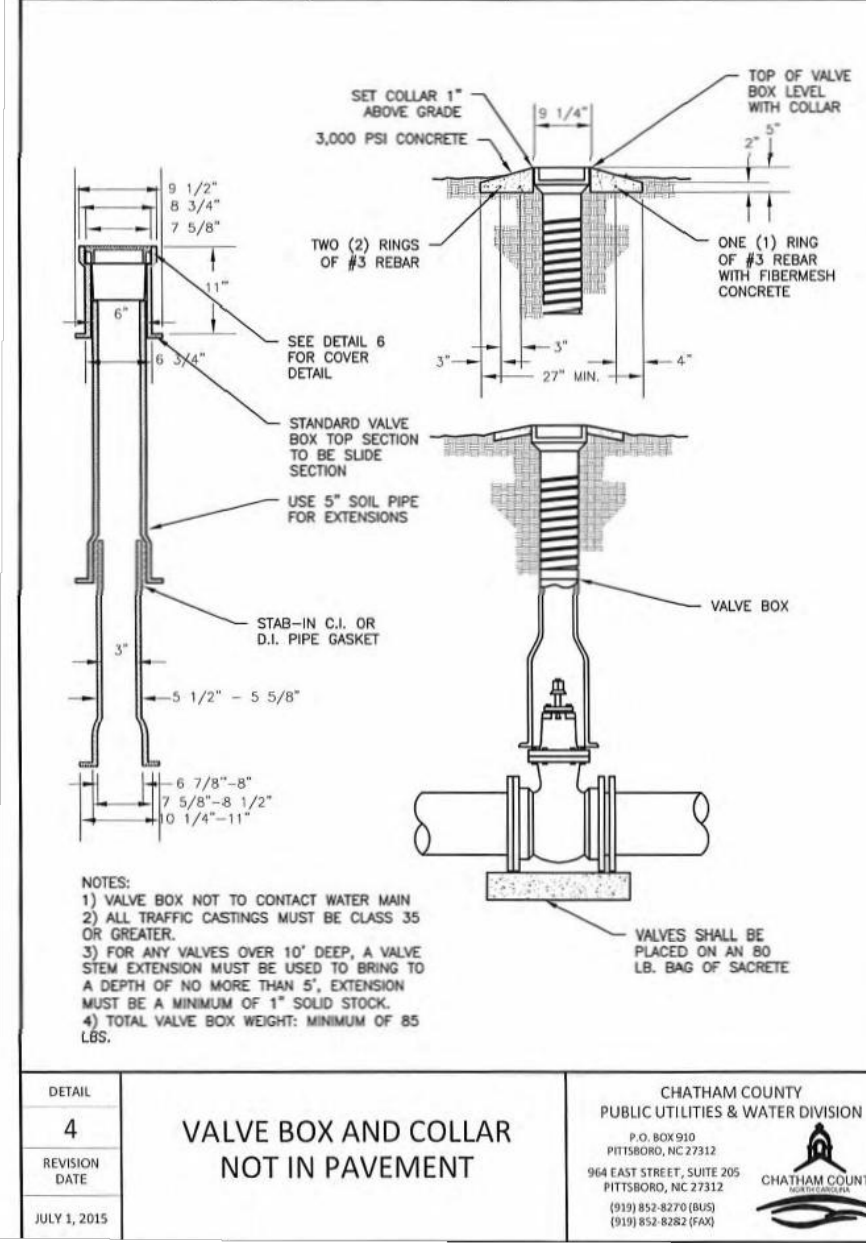
FIRE HYDRANT ASSEMBLY

CHATHAM COUNTY PUBLIC UTILITIES & WATER DIVISION
REVISED DATE: JULY 2, 2015



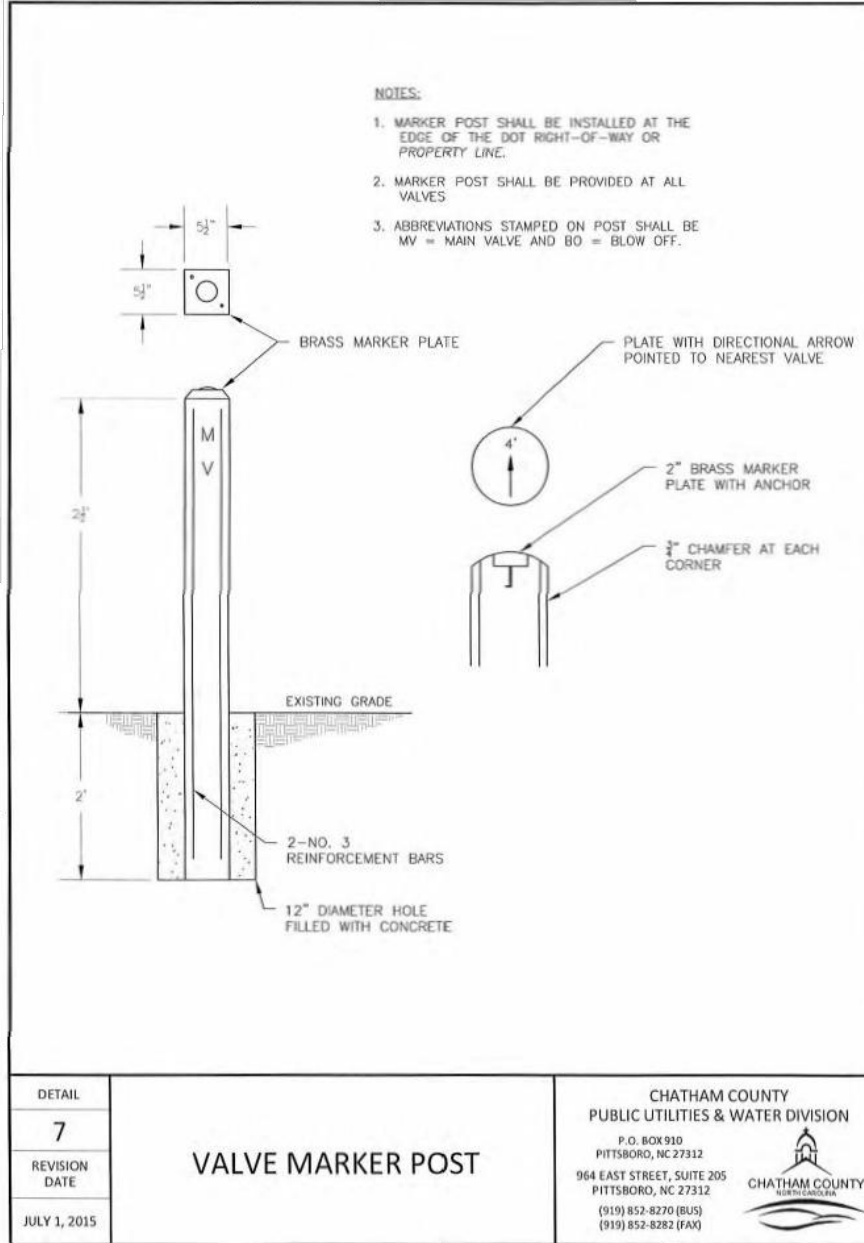
FIRE HYDRANT OPERATING NUT AND 2\"/>

CHATHAM COUNTY PUBLIC UTILITIES & WATER DIVISION
REVISED DATE: JULY 2, 2015



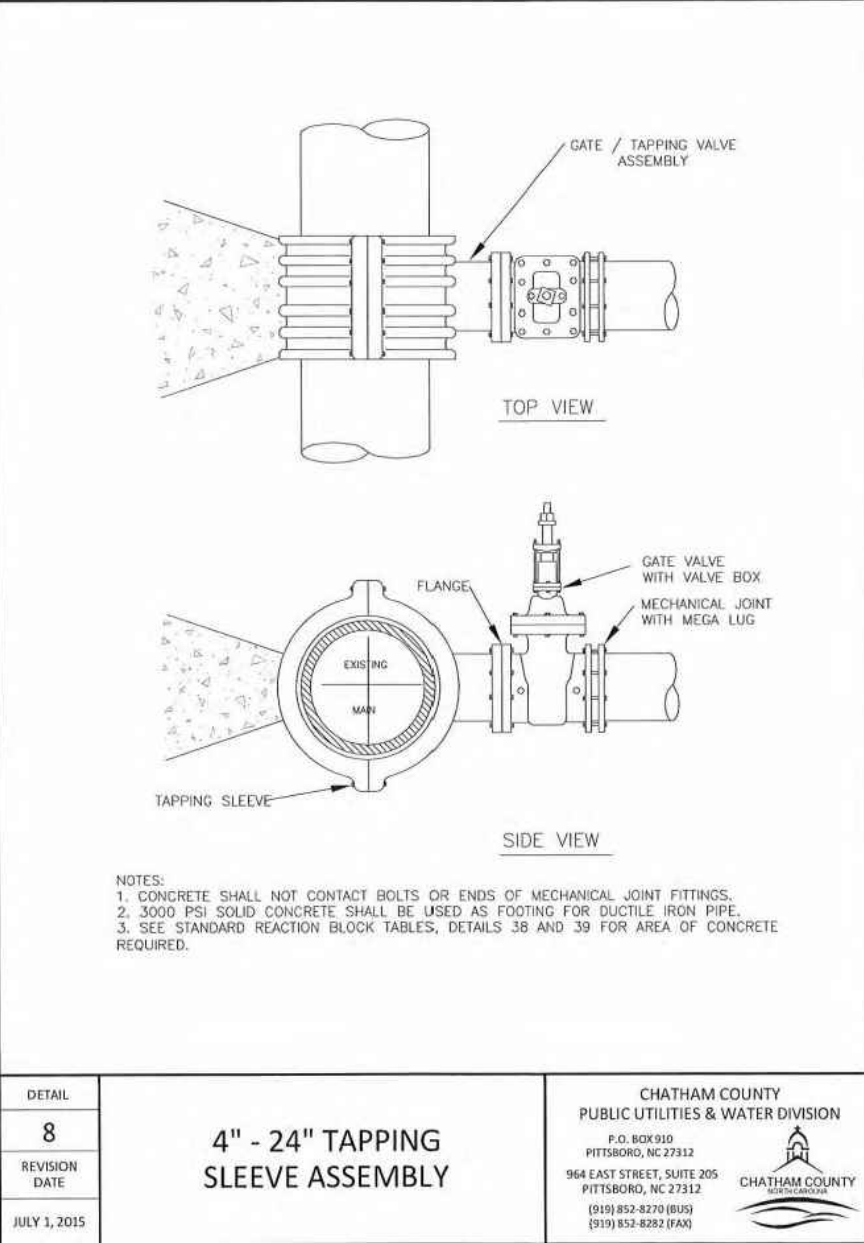
VALVE BOX AND COLLAR NOT IN PAVEMENT

CHATHAM COUNTY PUBLIC UTILITIES & WATER DIVISION
REVISED DATE: JULY 2, 2015



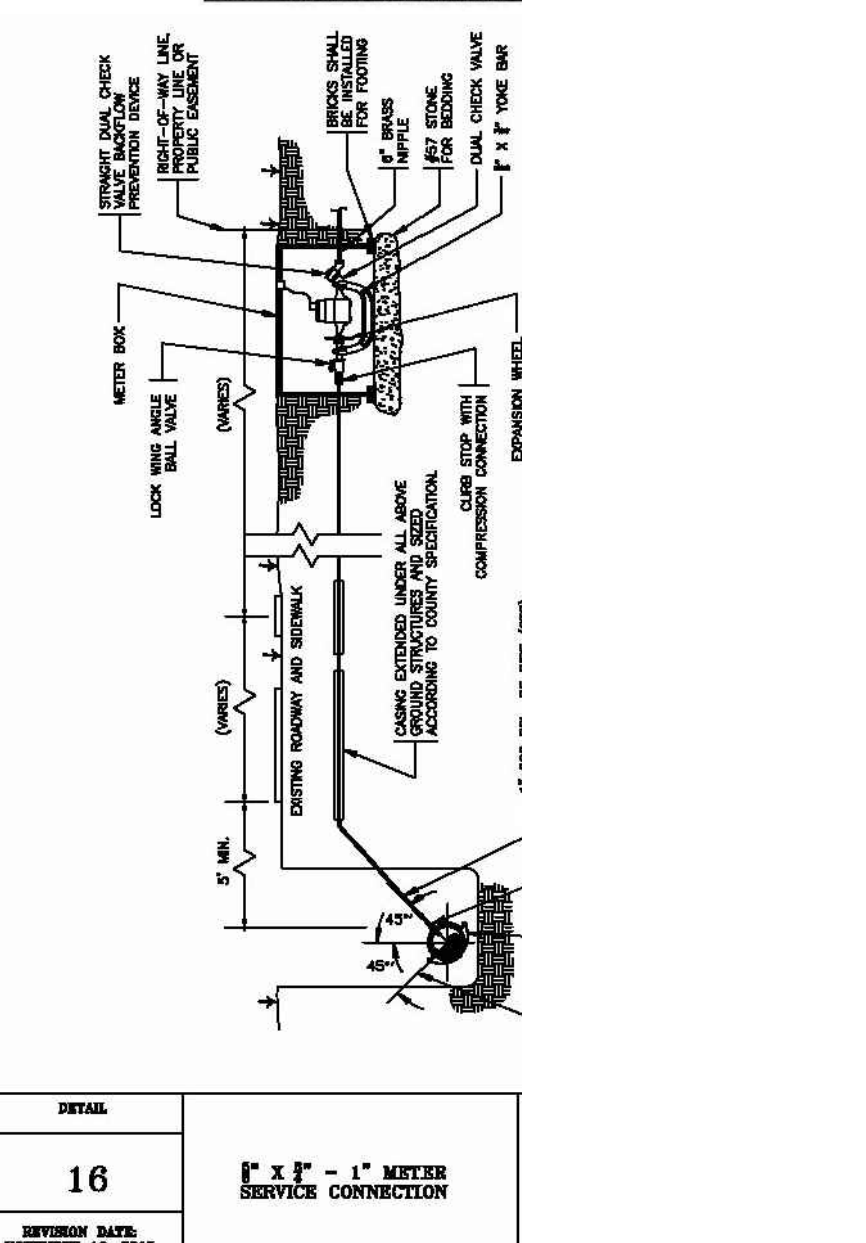
VALVE MARKER POST

CHATHAM COUNTY PUBLIC UTILITIES & WATER DIVISION
REVISED DATE: JULY 2, 2015



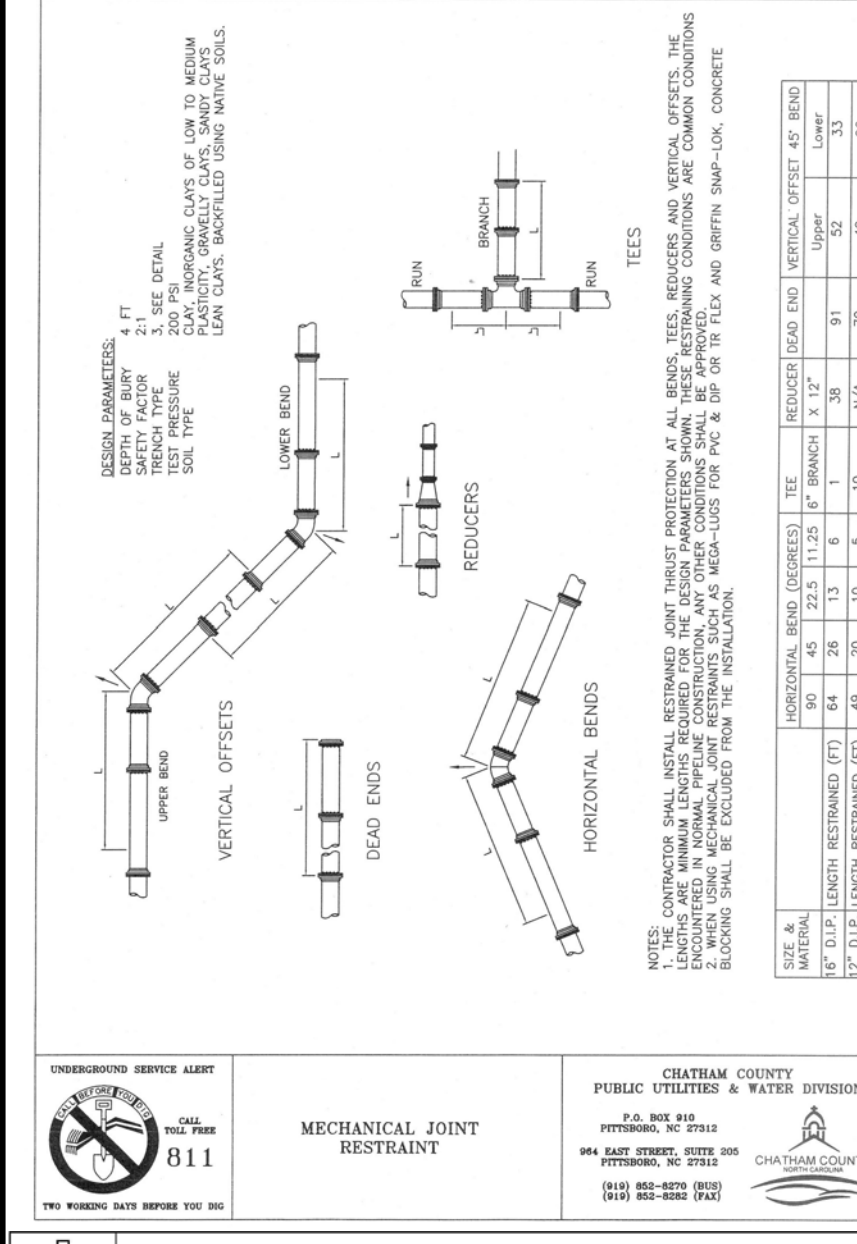
4\"/>

CHATHAM COUNTY PUBLIC UTILITIES & WATER DIVISION
REVISED DATE: JULY 2, 2015



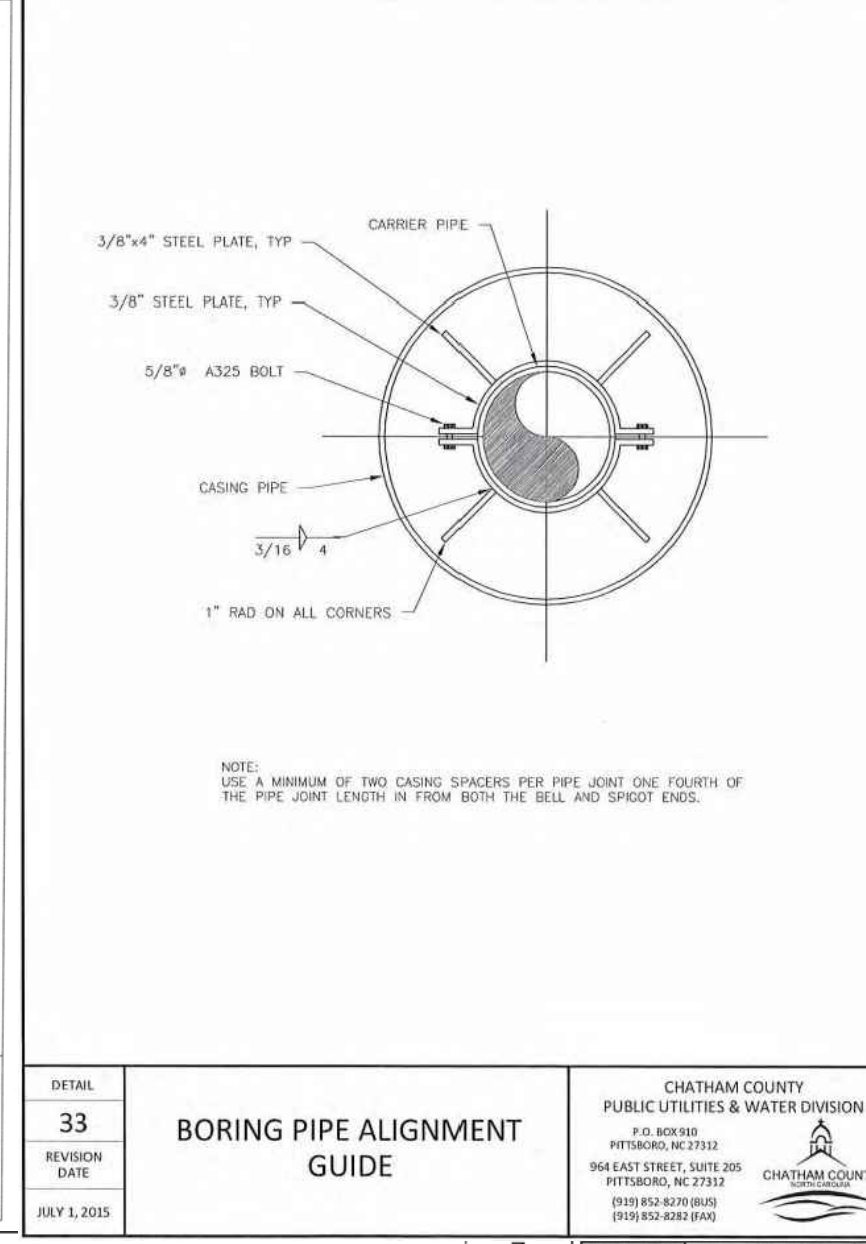
1\"/>

CHATHAM COUNTY PUBLIC UTILITIES & WATER DIVISION
REVISED DATE: JULY 2, 2015



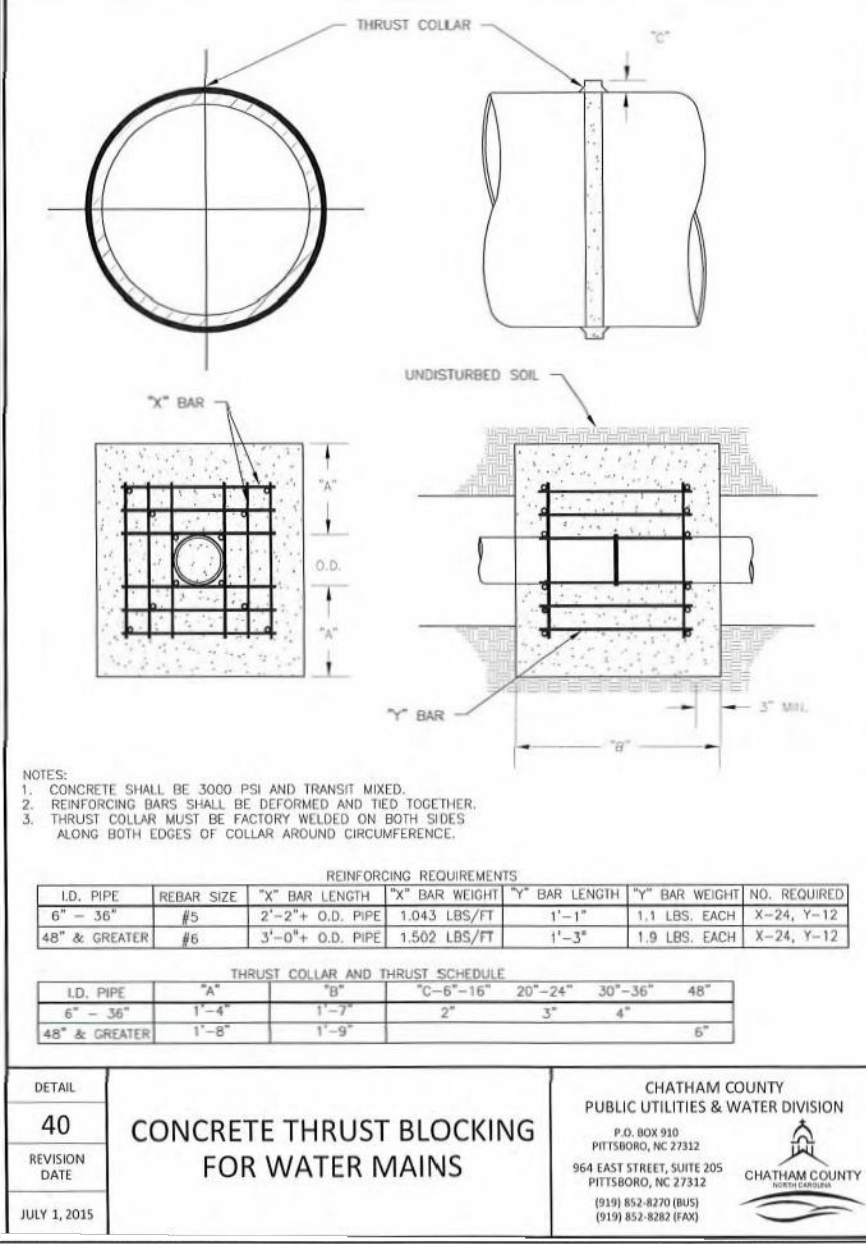
MECHANICAL JOINT RESTRAINT

CHATHAM COUNTY PUBLIC UTILITIES & WATER DIVISION
REVISED DATE: JULY 2, 2015



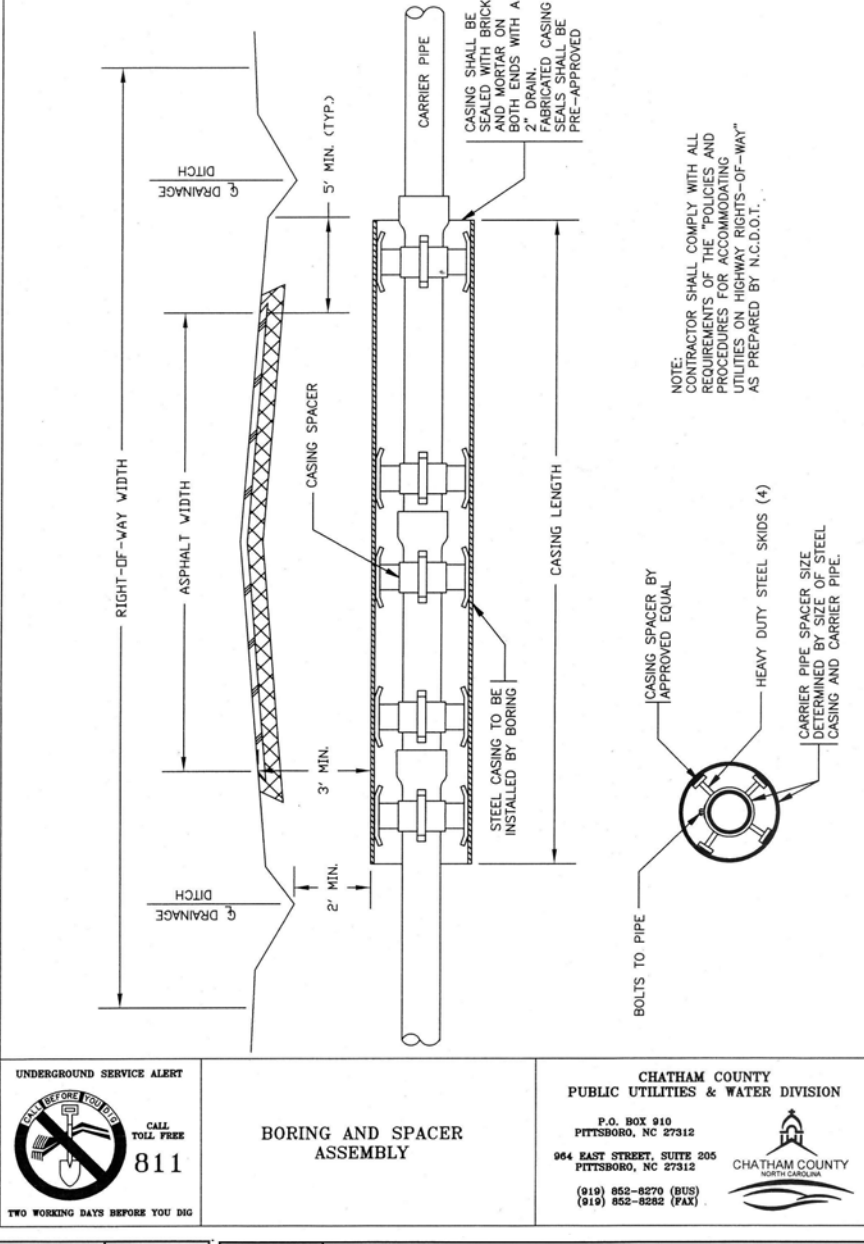
BORING PIPE ALIGNMENT GUIDE

CHATHAM COUNTY PUBLIC UTILITIES & WATER DIVISION
REVISED DATE: JULY 2, 2015



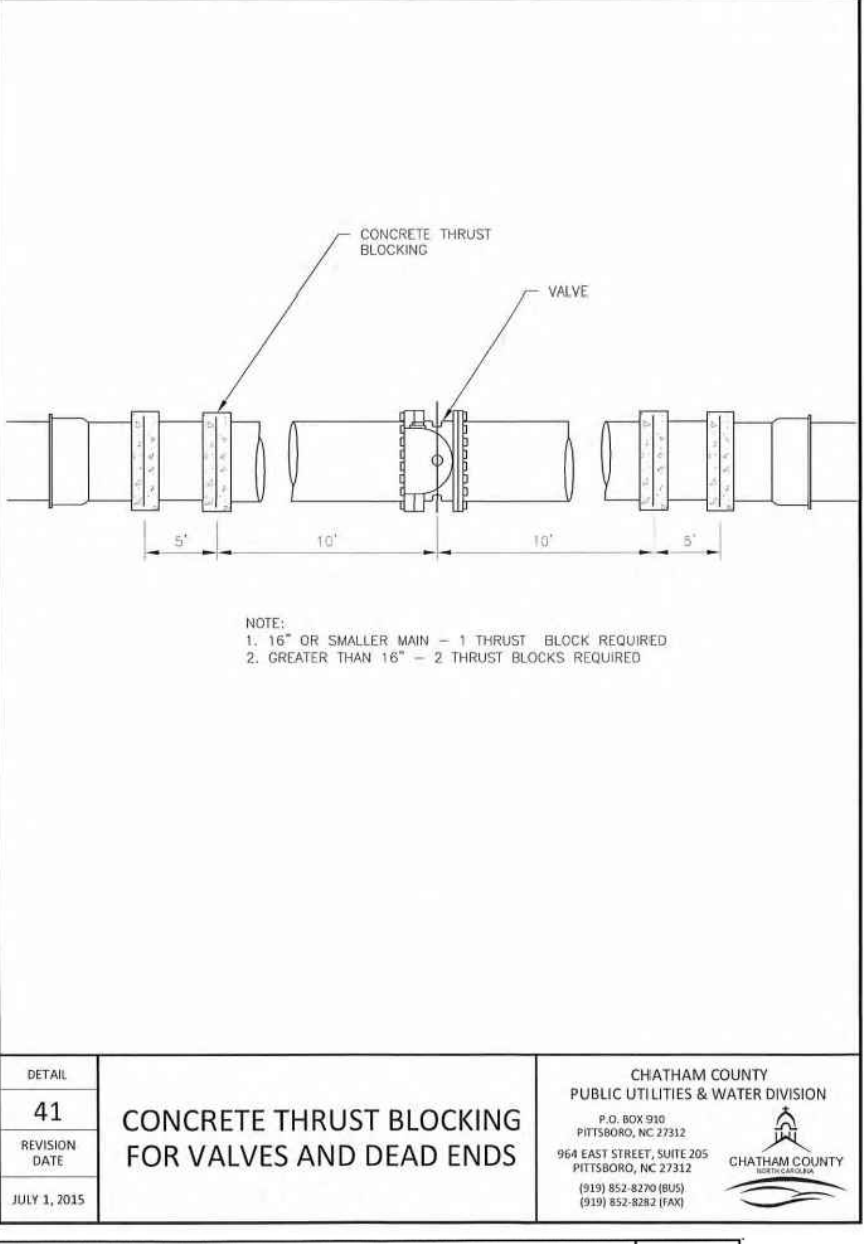
CONCRETE THRUST BLOCKING FOR WATER MAINS

CHATHAM COUNTY PUBLIC UTILITIES & WATER DIVISION
REVISED DATE: JULY 2, 2015



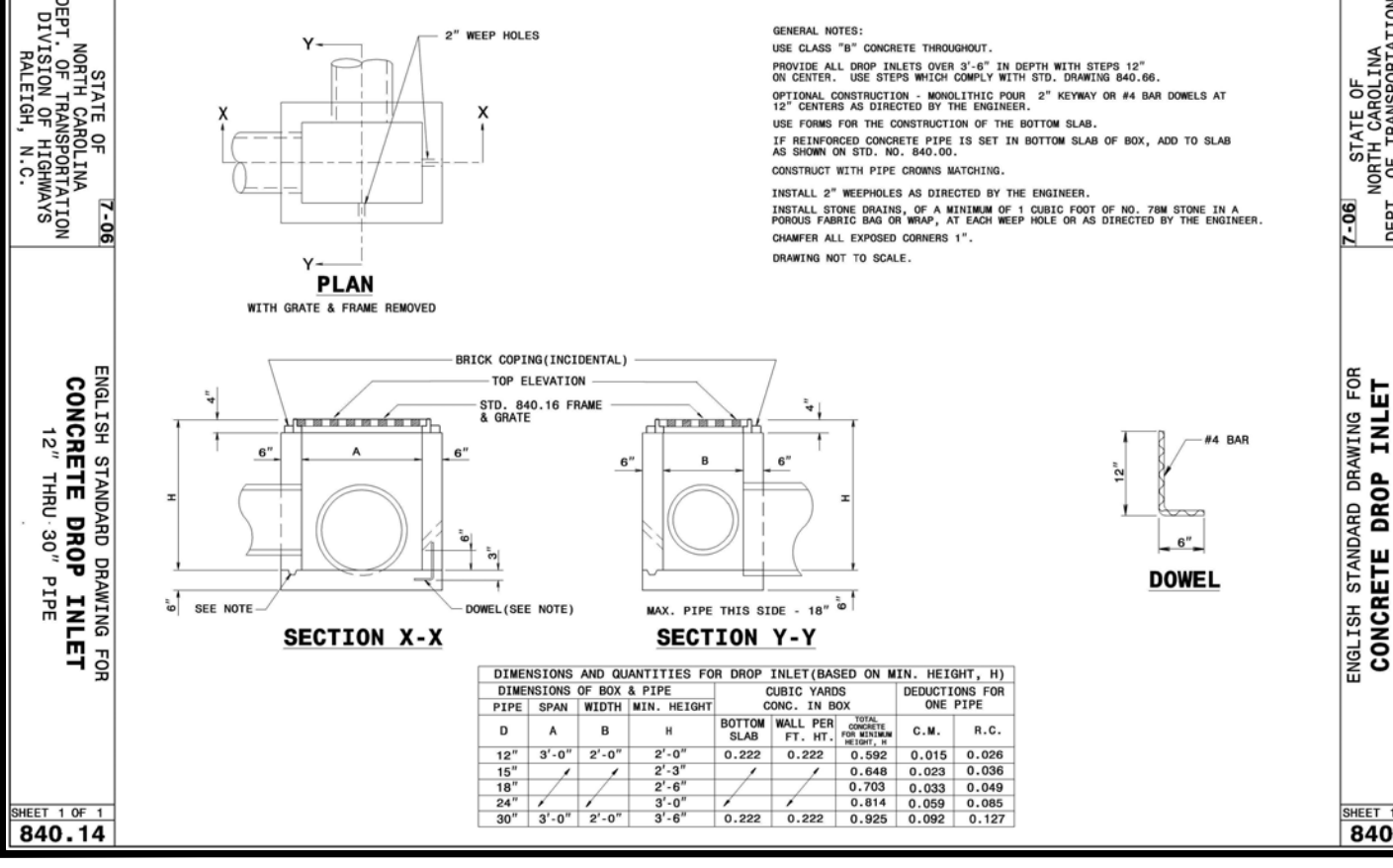
BORING AND SPACER ASSEMBLY

CHATHAM COUNTY PUBLIC UTILITIES & WATER DIVISION
REVISED DATE: JULY 2, 2015



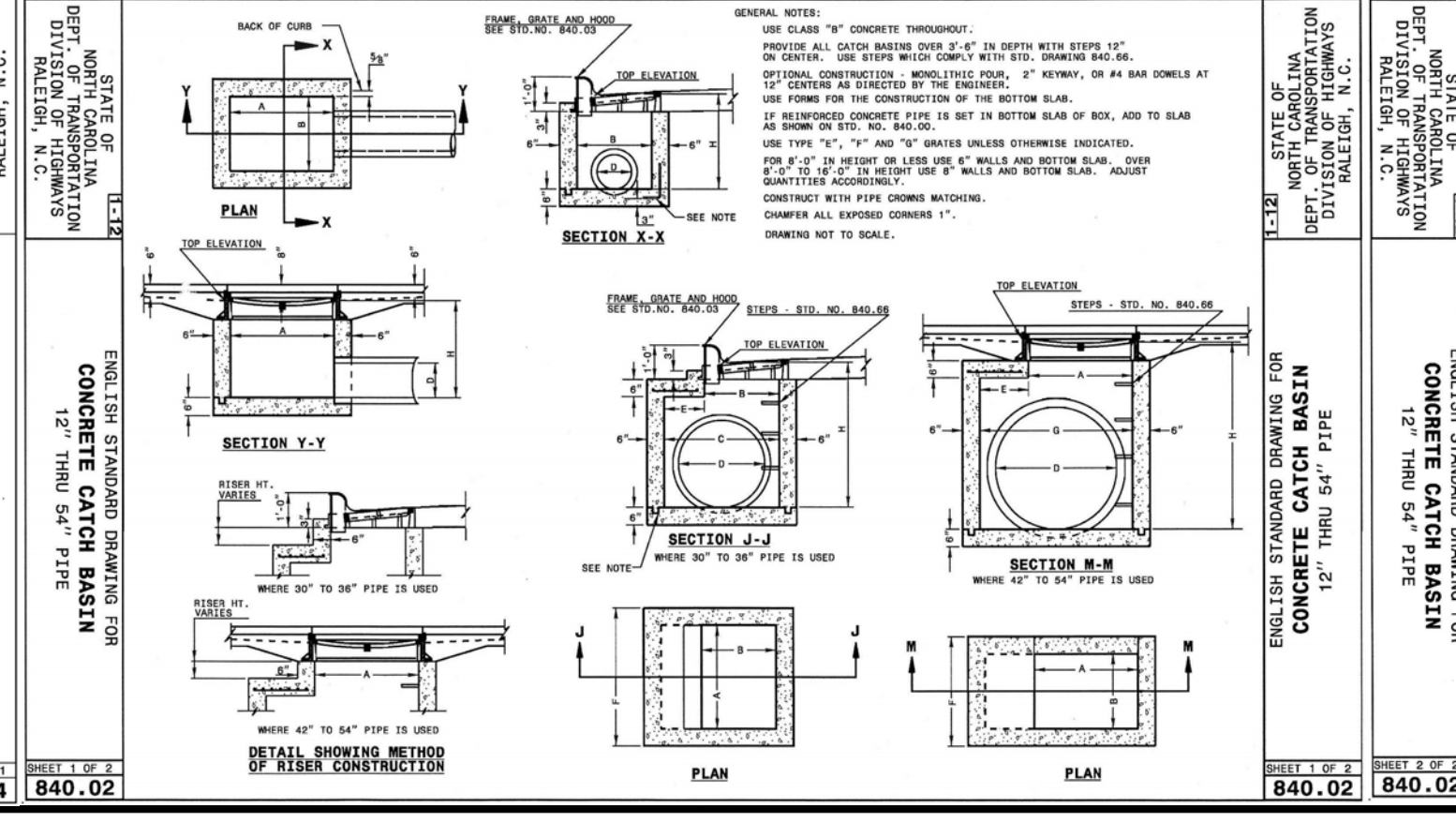
CONCRETE THRUST BLOCKING FOR VALVES AND DEAD ENDS

CHATHAM COUNTY PUBLIC UTILITIES & WATER DIVISION
REVISED DATE: JULY 2, 2015



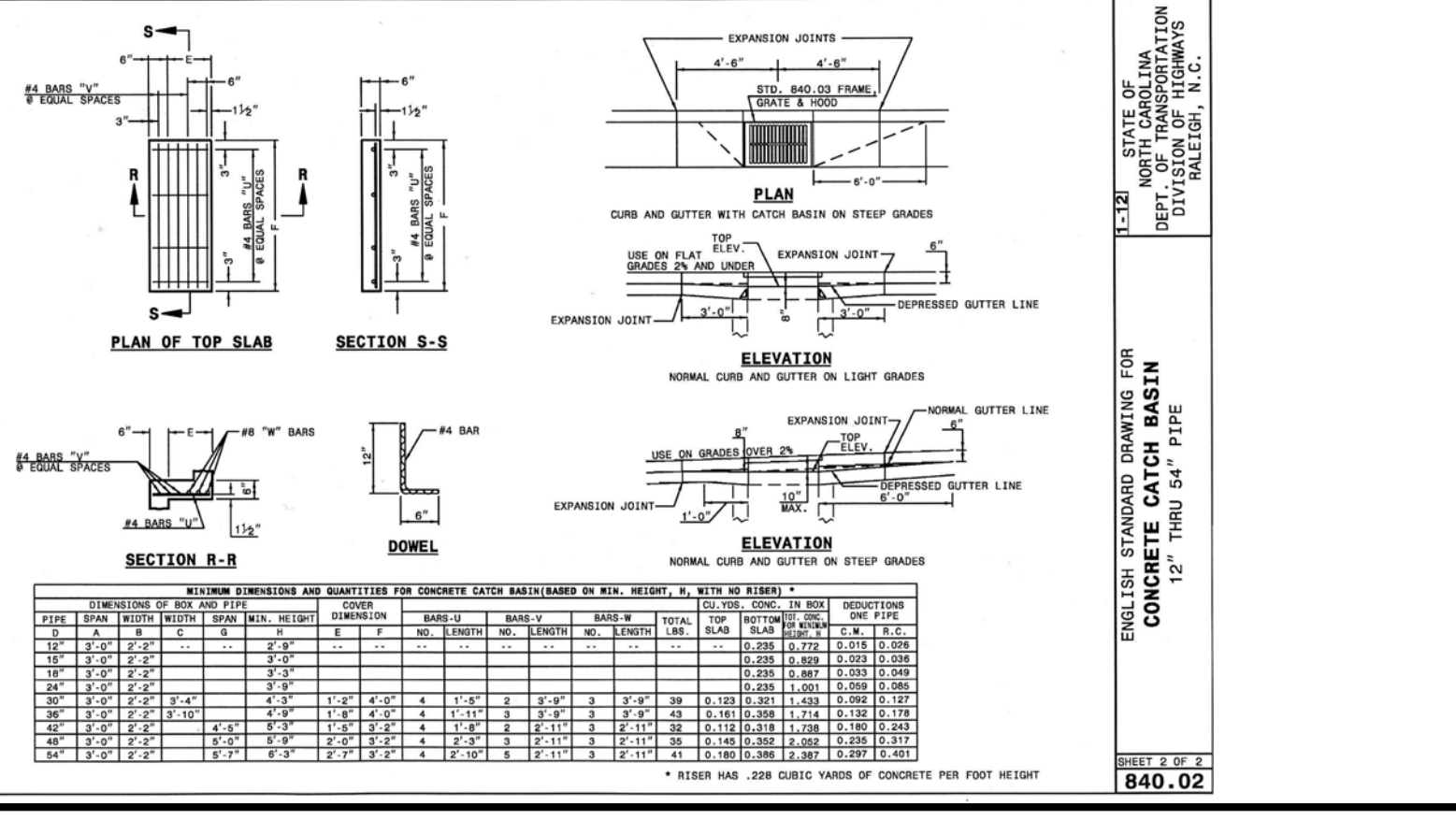
ENGLISH STANDARD DRAWING FOR CONCRETE DROP INLET

CHATHAM COUNTY PUBLIC UTILITIES & WATER DIVISION
REVISED DATE: JULY 2, 2015



ENGLISH STANDARD DRAWING FOR CONCRETE CATCH BASIN

CHATHAM COUNTY PUBLIC UTILITIES & WATER DIVISION
REVISED DATE: JULY 2, 2015



ENGLISH STANDARD DRAWING FOR CONCRETE CATCH BASIN

CHATHAM COUNTY PUBLIC UTILITIES & WATER DIVISION
REVISED DATE: JULY 2, 2015



ENGLISH STANDARD DRAWING FOR CONCRETE CATCH BASIN

CHATHAM COUNTY PUBLIC UTILITIES & WATER DIVISION
REVISED DATE: JULY 2, 2015