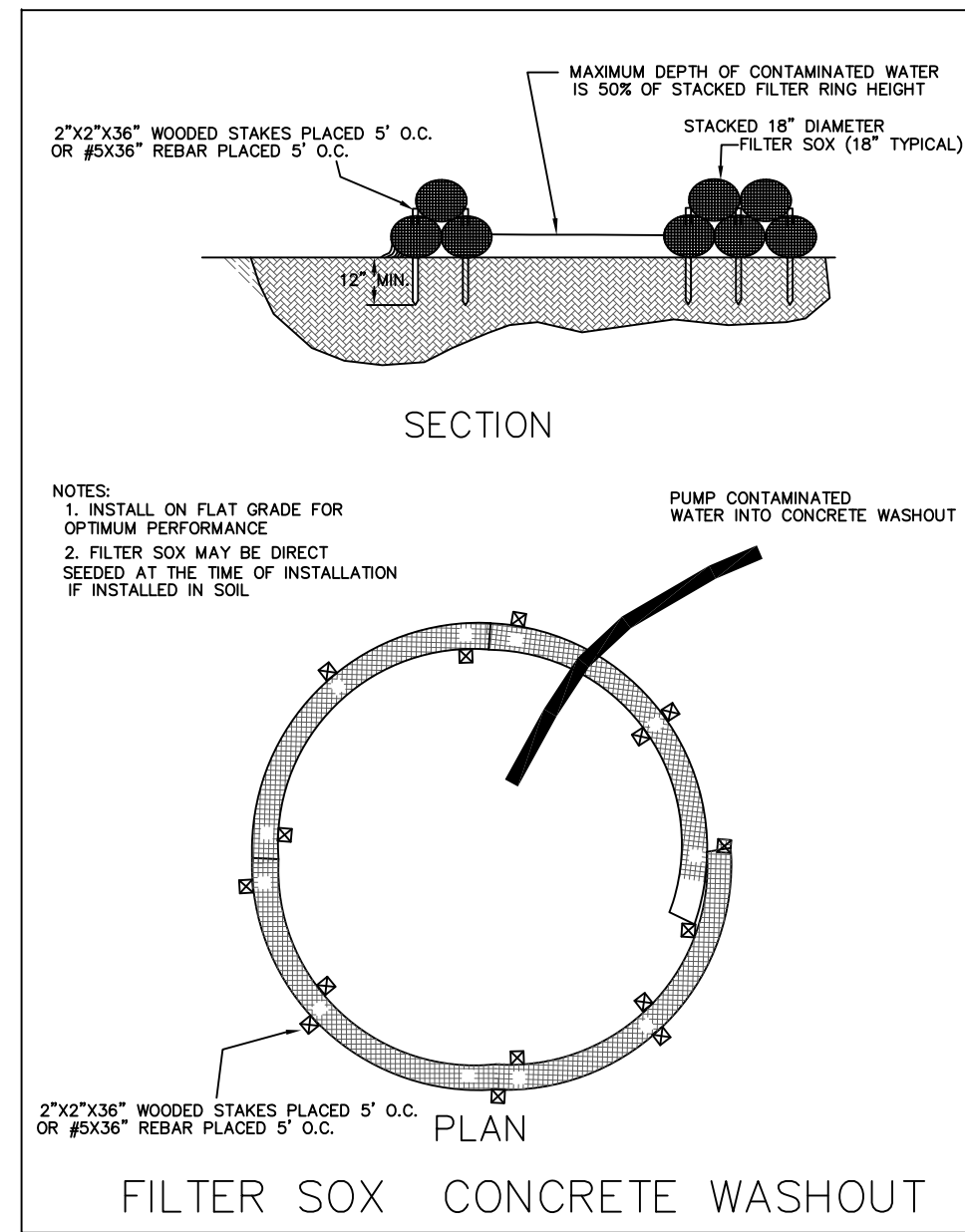


Location Map N.T.S.

Concrete Trucks

Concrete trucks will only be allowed to wash out or discharge surplus concrete or drum wash water in the designated area.

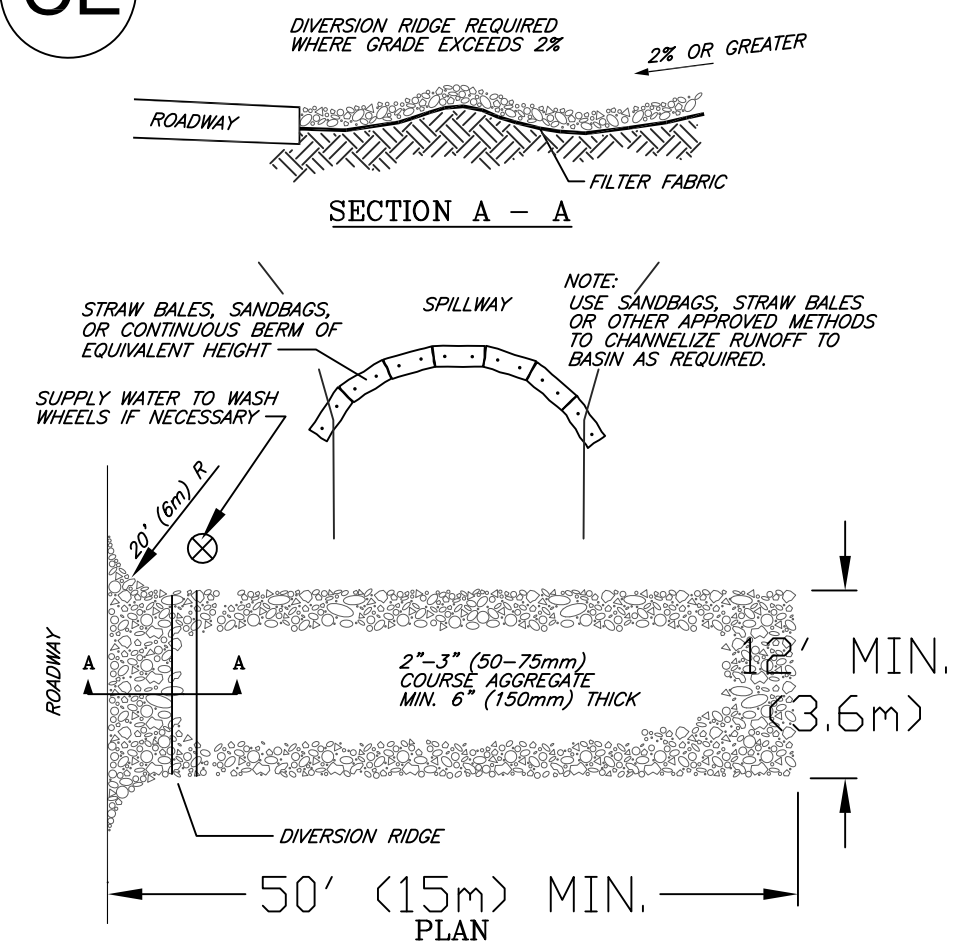


CRS

Construction Road Stabilization

Stabilization: A 6-inch layer of coarse aggregate, such as TDOT #57, should be applied immediately after grading or the completion of utility installation within the right-of-way. In areas experiencing heavy traffic, stone should be placed

CE



NOTES:
1. THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION THAT WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHT-OF-WAYS. THIS MAY REQUIRE TOP DRESSING, REPAIR AND/OR CLEAN OUT OF ANY MEASURES USED TO TRAP SEDIMENT.
2. WHEN NECESSARY, WHEELS SHALL BE CLEANED PRIOR TO ENTRANCE ONTO PUBLIC RIGHT-OF-WAY.
3. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH CRUSHED STONE THAT DRAINS INTO AN APPROVED SEDIMENT TRAP OR SEDIMENT BASIN.

CRS Construction Road Stabilization

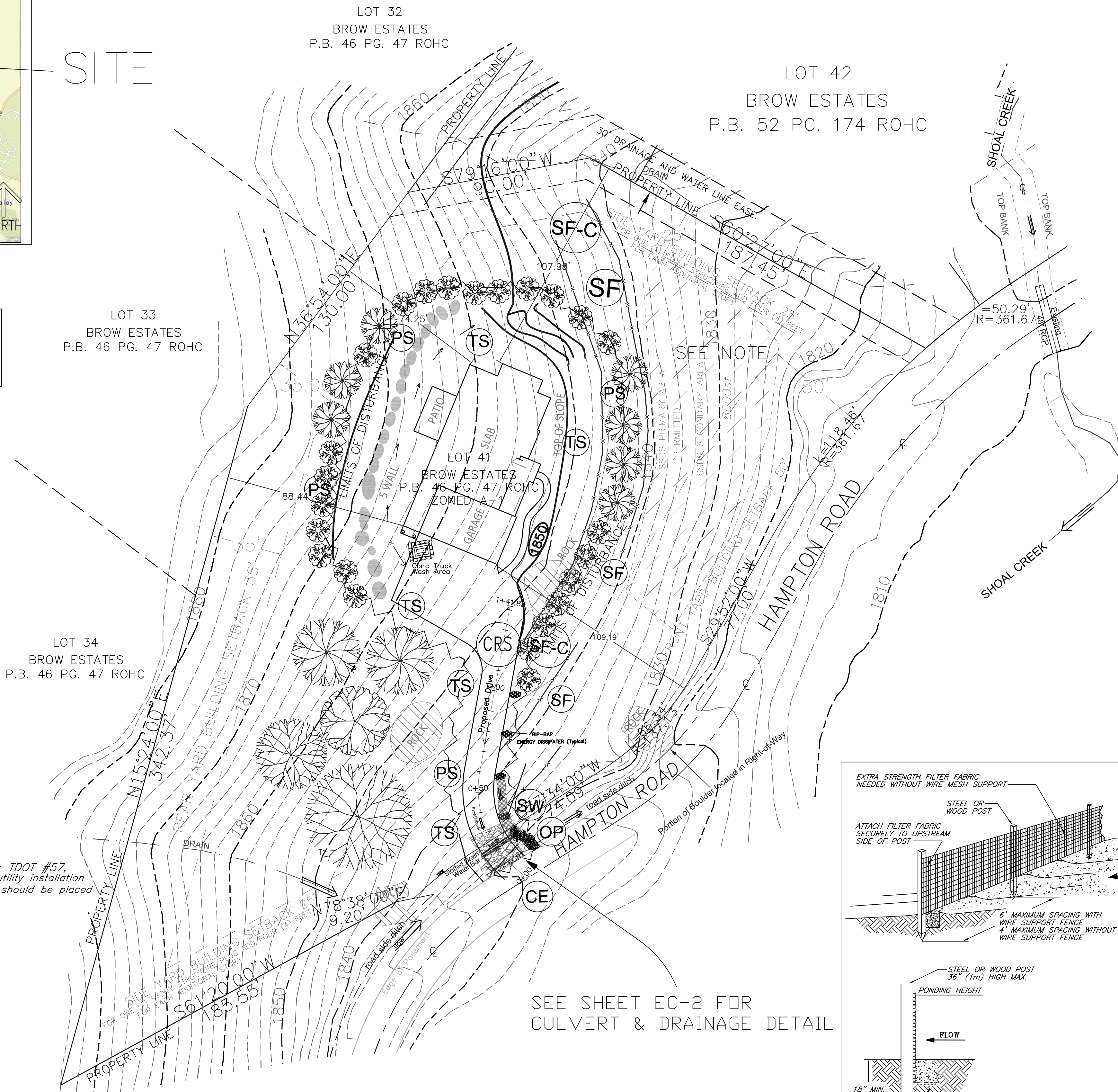
CE Construction Entrance

PS Permanent Stabilization

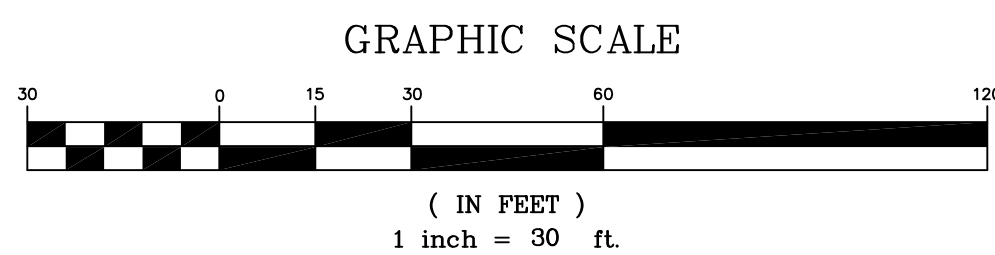
SF Silt Fence

SF-C C-Type Silt Fence

SCALE: 1"=30'

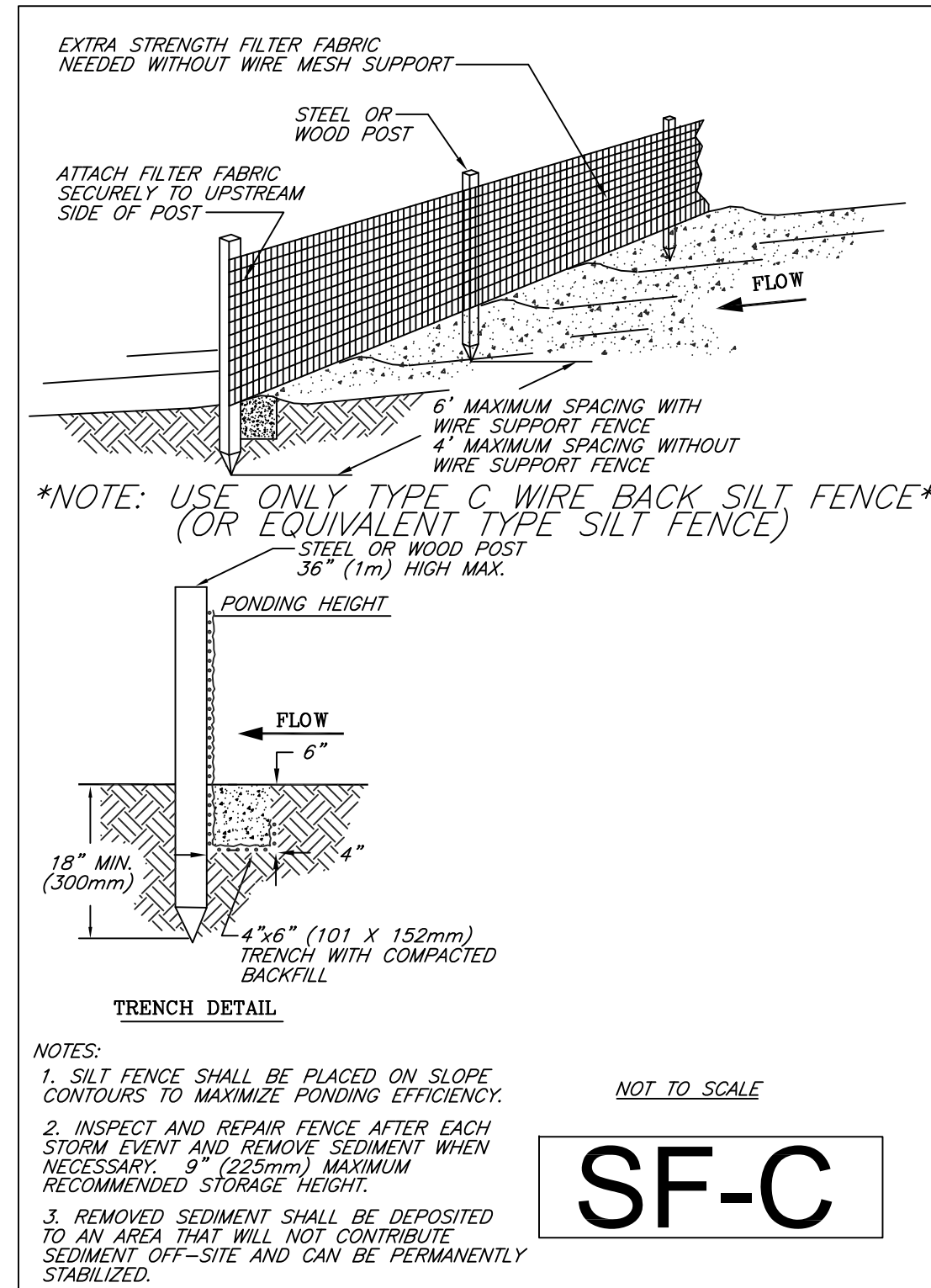


SEE SHEET EC-2 FOR
CULVERT & DRAINAGE DETAIL



SITE PLAN & EROSION CONTROL

NOTE: Primary Septic System = 4000sf
To be Permitted and Installed
Reserved Septic System = 4000sf
To be Permitted and NOT Installed
Per Groundwater Protection Rules Septic systems have to be installed in Non-Disturbed soil areas



PS PERMANENT STABILIZATION PERMANENT SEEDING MIXTURES

SEEDING DATES	GRASS SEED	PERCENTAGES
February 1 to July 1	Kentucky 31 Fescue	80%
	Korean Lespedeza	15%
	English Rye	5%
June 1 to August 15	Kentucky 31 Fescue	55%
	Korean Lespedeza	15%
	English Rye	20%
April 15 to August 15	Kentucky 31 Fescue	70%
	Annual Lespedeza	20%
	Kentucky 31 Fescue	70%
August 1 to December 1	English Rye	20%
	White Clover	10%
	Kentucky 31 Fescue	70%
February 1 to December 1	Crown Vetch	25%
	English Rye	5%

TS TEMPORARY STABILIZATION TEMPORARY SEEDING MIXTURES

SEEDING DATES	GRASS SEED	PERCENTAGES
January 1 to May 1	Italian Rye	33%
	Korean Lespedeza	33%
May 1 to July 15	Summer Bats	34%
	Sudan - sorghum	100%
May 1 to July 15	Starr Millet	100%
	Balboa Rye	67%
July 15 to January 1	Italian Rye	33%

A-1 BUILDING SETBACKS

Per Walden Zoning Regulations 4.01(e)(1(a-c))

FRONT YARD = 50'

REAR YARD = 35'

SIDE YARD = 25' plus 4' for additional story



CALL 3 WORKING DAYS

BEFORE YOU DIG - DRILL- BLAST- BORE

(800) 351-1111

TENNESSEE - ONE CALL CENTER

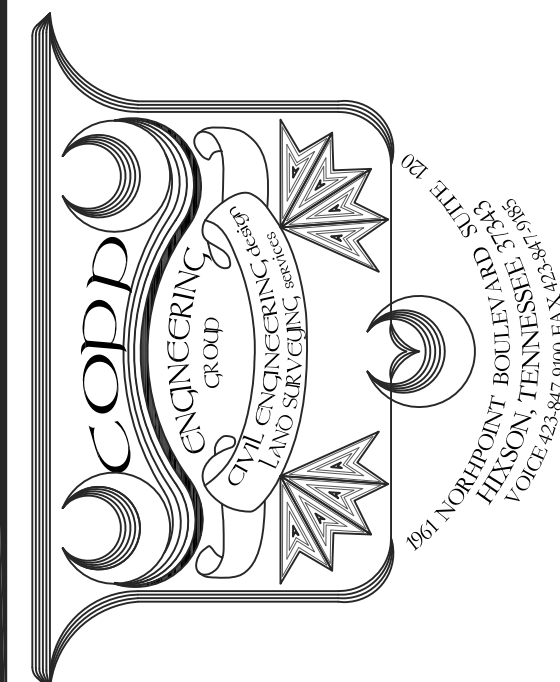
EXACT LOCATION OF ALL UNDERGROUND UTILITIES UNKNOWN

LESS THAN 1 ACRE DISTURBANCE

23,716 S.F. of Residential Const.

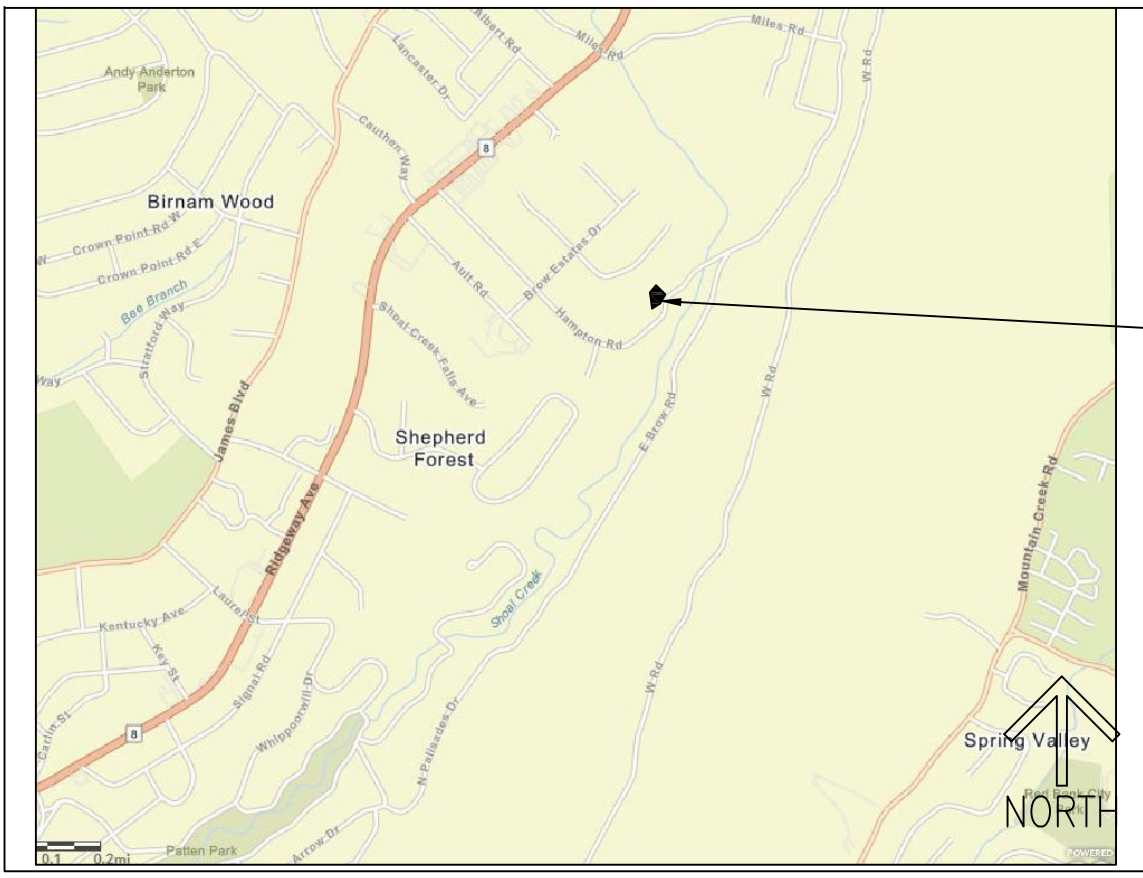
DATE	REVISIONS	DATE	REVISIONS
07/21/21	ADDED DRIVEWAY CULVERT	07/21/21	
08/26/21	ADDED BUILDING SETBACK	08/26/21	
10/17/21	Revised per comments	10/17/21	
12/02/21	Moved Driveway away from boulder	12/02/21	
	Added Waterbar & Sloped Drain		

PROJECT LOT 41 BROW ESTATES
SITE PLAN
EROSION CONTROL
TOWN OF WALDEN
HAMILTON COUNTY TN



PROJECT NAME
BROW ESTATES LOT 41

SHEET
EC-1



Location Map
N.T.S.

NOTE:
UPSTREAM DRAINAGE AREA UNKNOWN
SIZE OF PIPE SIZING TO BE VERIFIED
BY ENGINEER

DRIVEWAY ENTRANCE

18' OF 24" REINFORCED CONCRETE
PIPE (RCP) @ -1.0% Min. slope

MIN. OF 6" OF COVER OVER TOP OF
PIPE TO SUB-GRADE SURFACE

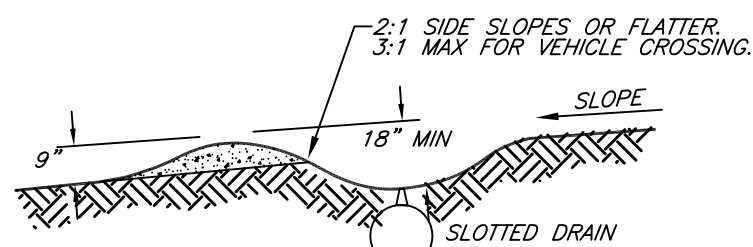
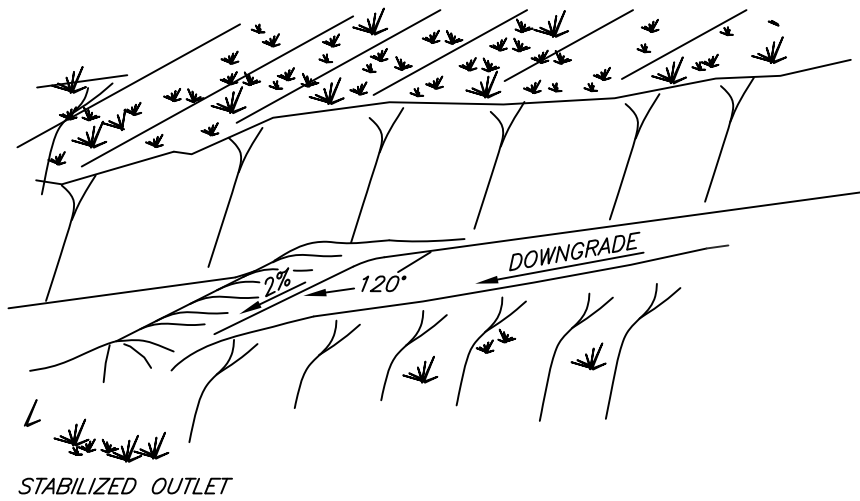
STABILIZE AND COMPACT AREA
ADJACENT TO EXISTING EDGE OF
PAYMENT AND PIPE WITH 33P
BEDDING OR #57 AGGREGATE

SPECIFICATIONS FOR INSTALLATION OF DRIVEWAY CULVERTS
IN THE TOWN OF WALDEN.

1. The cross drain shall be built on a straight line at a grade of no less than 1% and shall be laid on a firm compacted base.
2. In the event rock is encountered in the trench; the rock shall be removed 4 inches below the grade and replaced with crushed stone.
3. The pipe shall be laid with the spigot end pointing downstream.
4. The inlet and outlet ditches shall be cleaned in such a manner to allow storm water to flow unobstructed after the tile has been installed.
5. In no case shall a cross drain be less than eighteen (18) inches in the inside diameter.
6. All corrugated metal culvert shall be 14-gauge bituminous-coated. Concrete pipe is preferred. The Town may require a grate in certain areas.
7. The top of all culverts shall be a least six (6) inches below sub-grade surface.
8. The property owner shall maintain the drainage easement; it is not the responsibility of the Town of Walden.

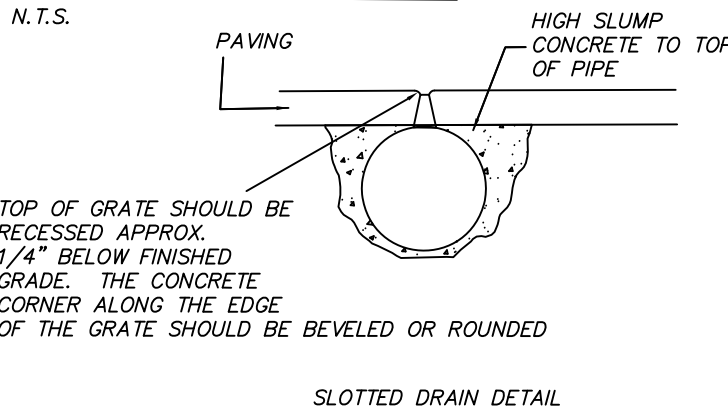
OP Outlet Protection

WATERBAR



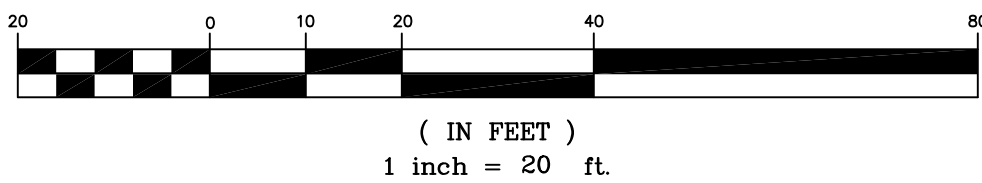
SECTION

SLOTTED DRAIN DETAIL

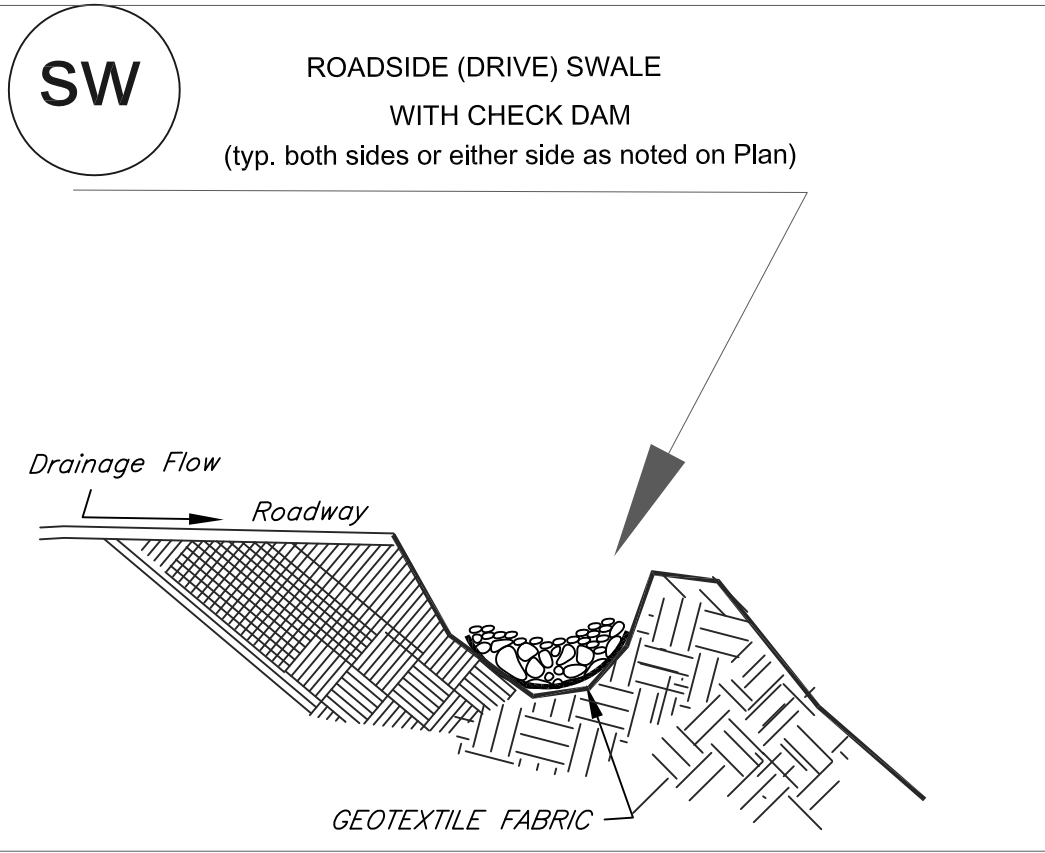
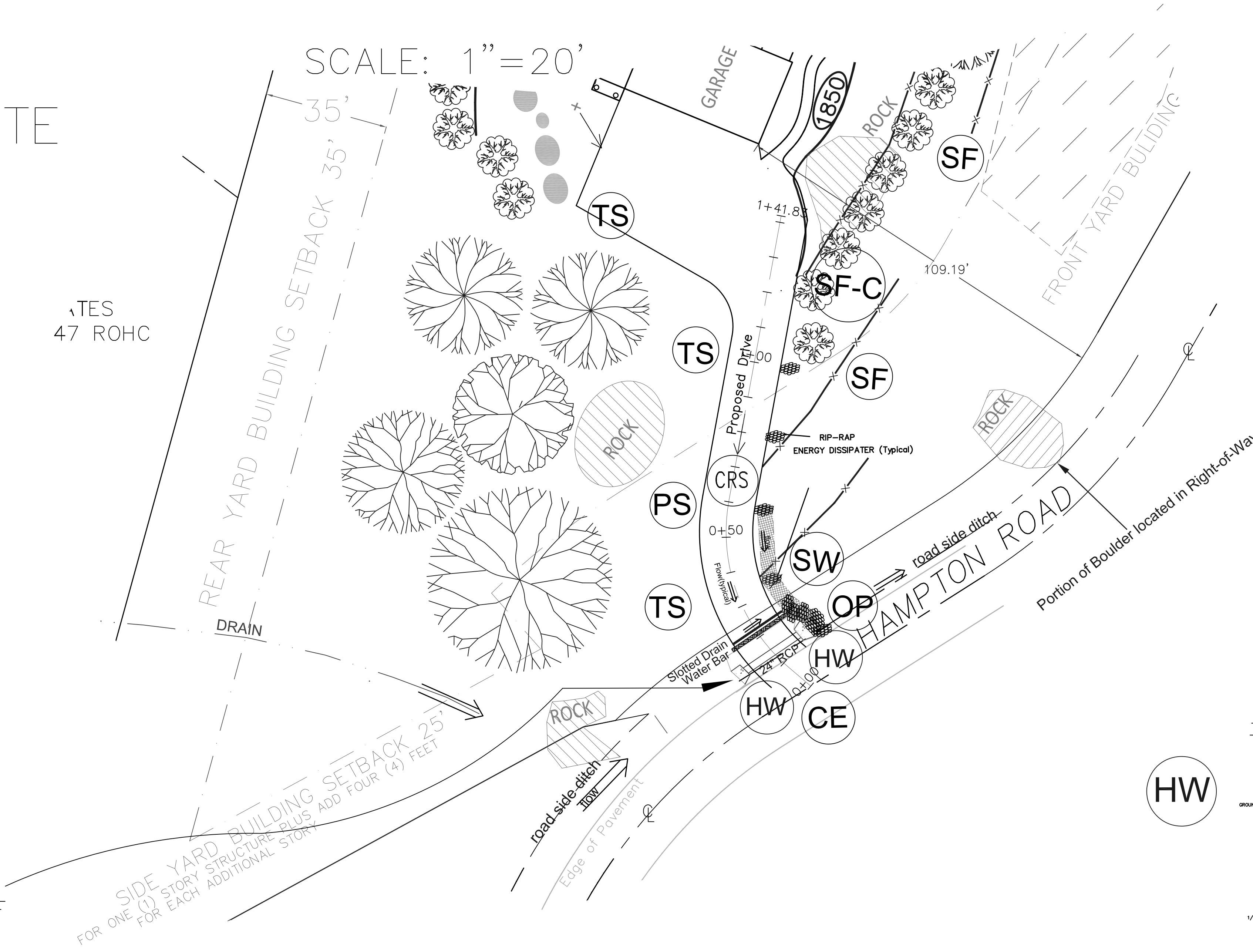


SLOTTED DRAIN DETAIL

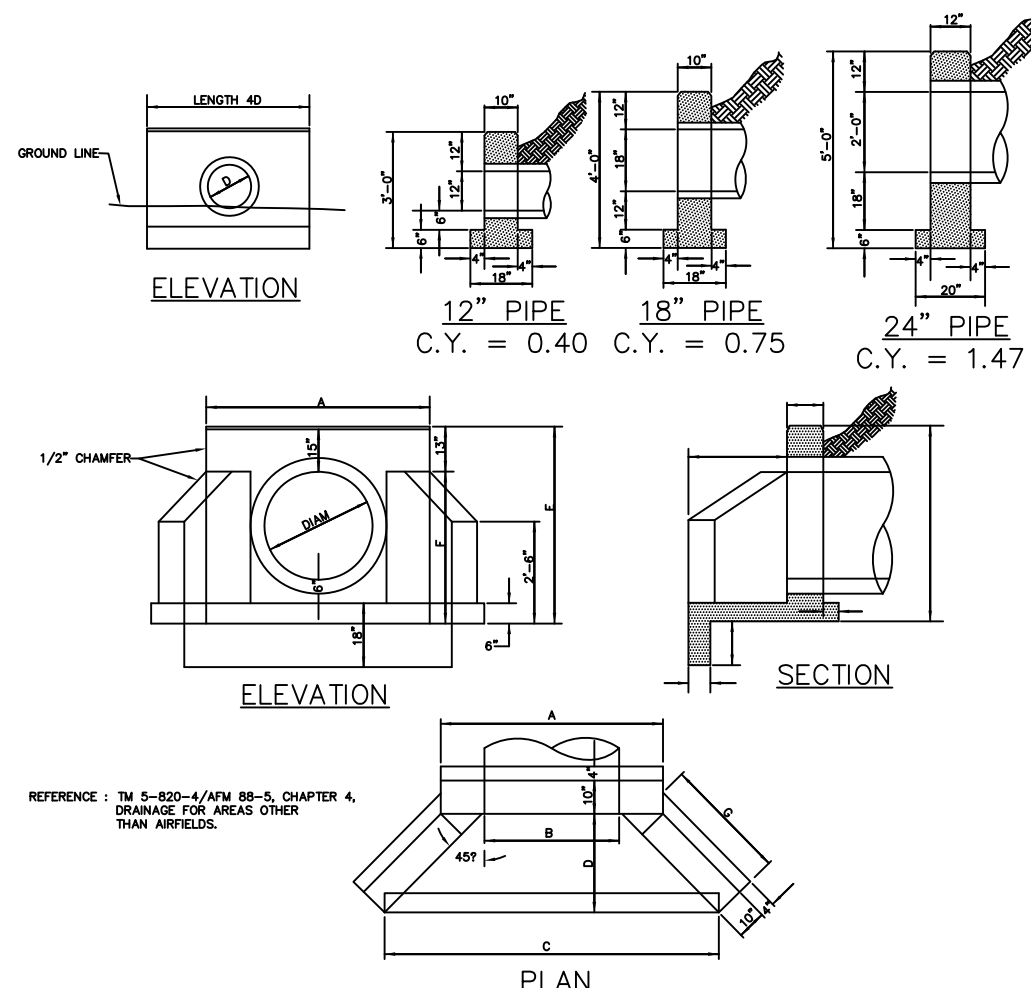
GRAPHIC SCALE



SITE PLAN &
EROSION CONTROL

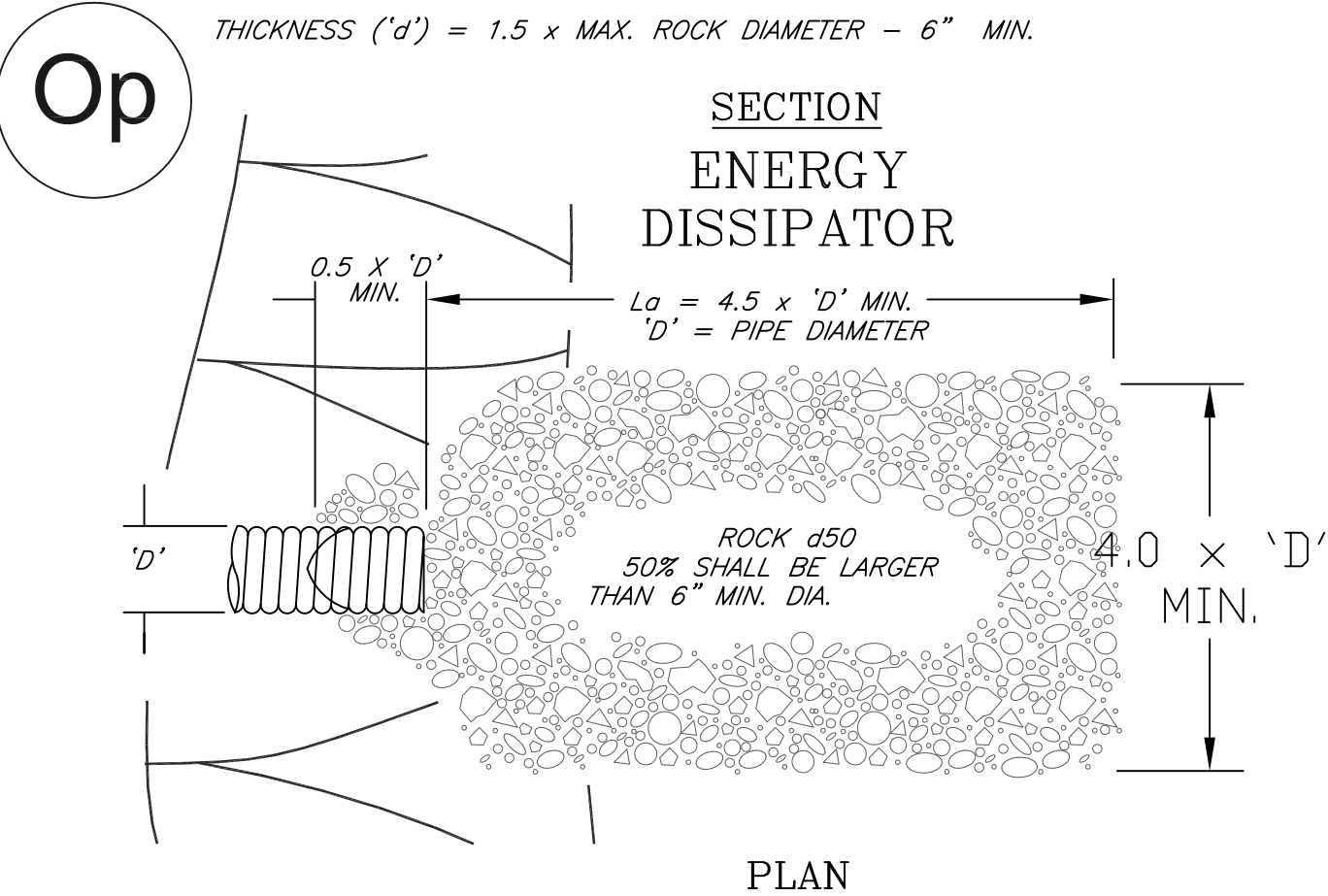
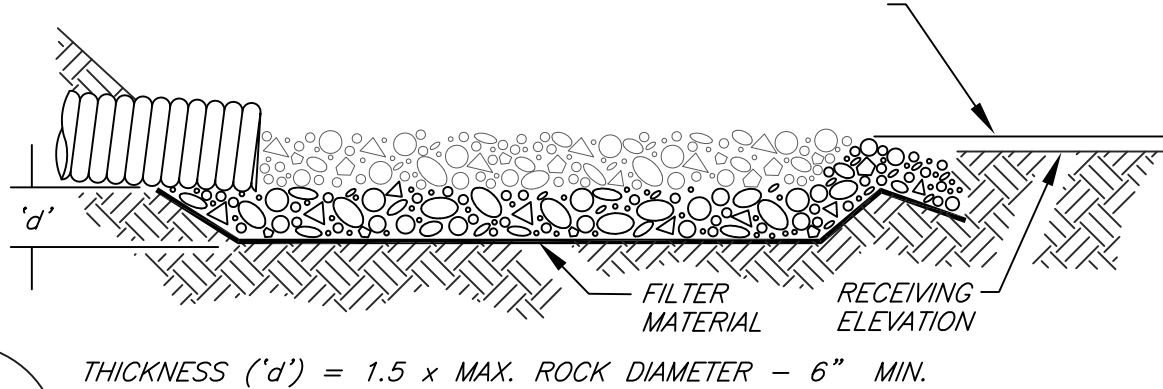


TYPICAL CONCRETE HEADWALLS AND WINGWALLS



TYPICAL CONCRETE HEADWALLS AND WINGWALLS

PIPE DIAMETER	C.Y. CONCRETE	A	B	C	D	E	F	G
30"	1.87	5'-4"	3'-2"	7'-10"	2'-4"	4'-9"	3'-8"	2'-5-3/4"
36"	2.24	6'-0"	3'-8"	8'-10"	3'-1"	5'-3"	4'-2"	3'-8-1/4"
42"	2.88	7'-0"	4'-2"	11'-10"	3'-10"	6'-0"	4'-8"	4'-5-1/2"
48"	3.58	7'-8"	4'-8"	13'-10"	4'-7"	6'-3"	5'-2"	5'-8-3/4"



- NOTES:
1. 'L_o' = LENGTH OF APRON. DISTANCE 'L_o' SHALL BE OF SUFFICIENT LENGTH TO DISSIPATE ENERGY.
 2. APRON SHALL BE SET AT A ZERO GRADE AND ALIGNED STRAIGHT.
 3. FILTER MATERIAL SHALL BE FILTER FABRIC OR 6" THICK MINIMUM GRADED GRAVEL LAYER.



CALL 3 WORKING DAYS
BEFORE YOU DIG - DRILL- BLAST- BORE
(800) 351-1111
TENNESSEE - ONE CALL CENTER

EXACT LOCATION OF ALL UNDERGROUND UTILITIES UNKNOWN

LESS THAN 1 ACRE DISTURBANCE
23,158 S.F. of Residential Const.

DATE

REVISIONS

DATE

REVISIONS

PROJECT

LOT 41 BROW ESTATES

EROSION CONTROL

TOWN OF WALDEN

HAMILTON COUNTY TN

PROJECT NAME

BROW ESTATES LOT 41

SHEET

DATE

07/21/21

EC-2

