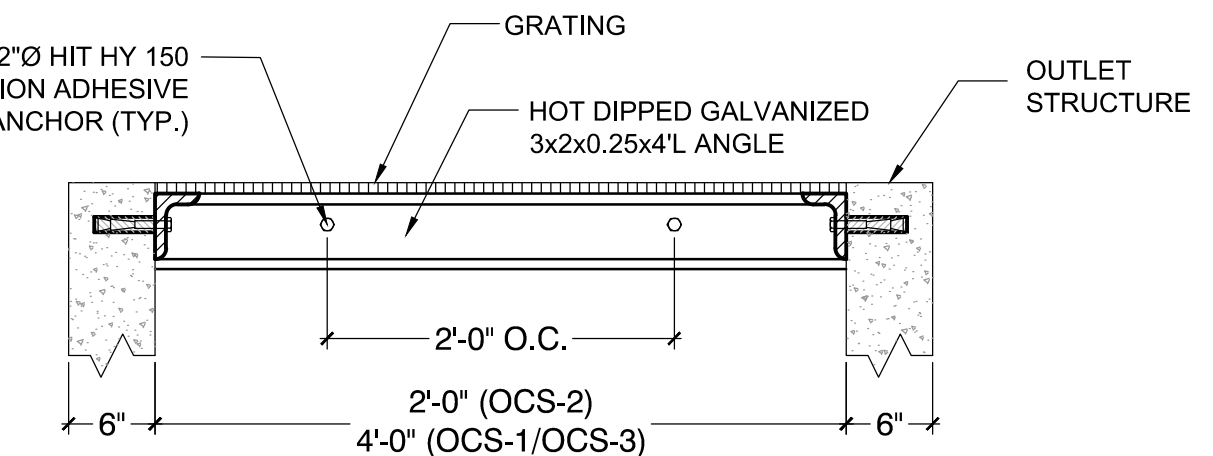


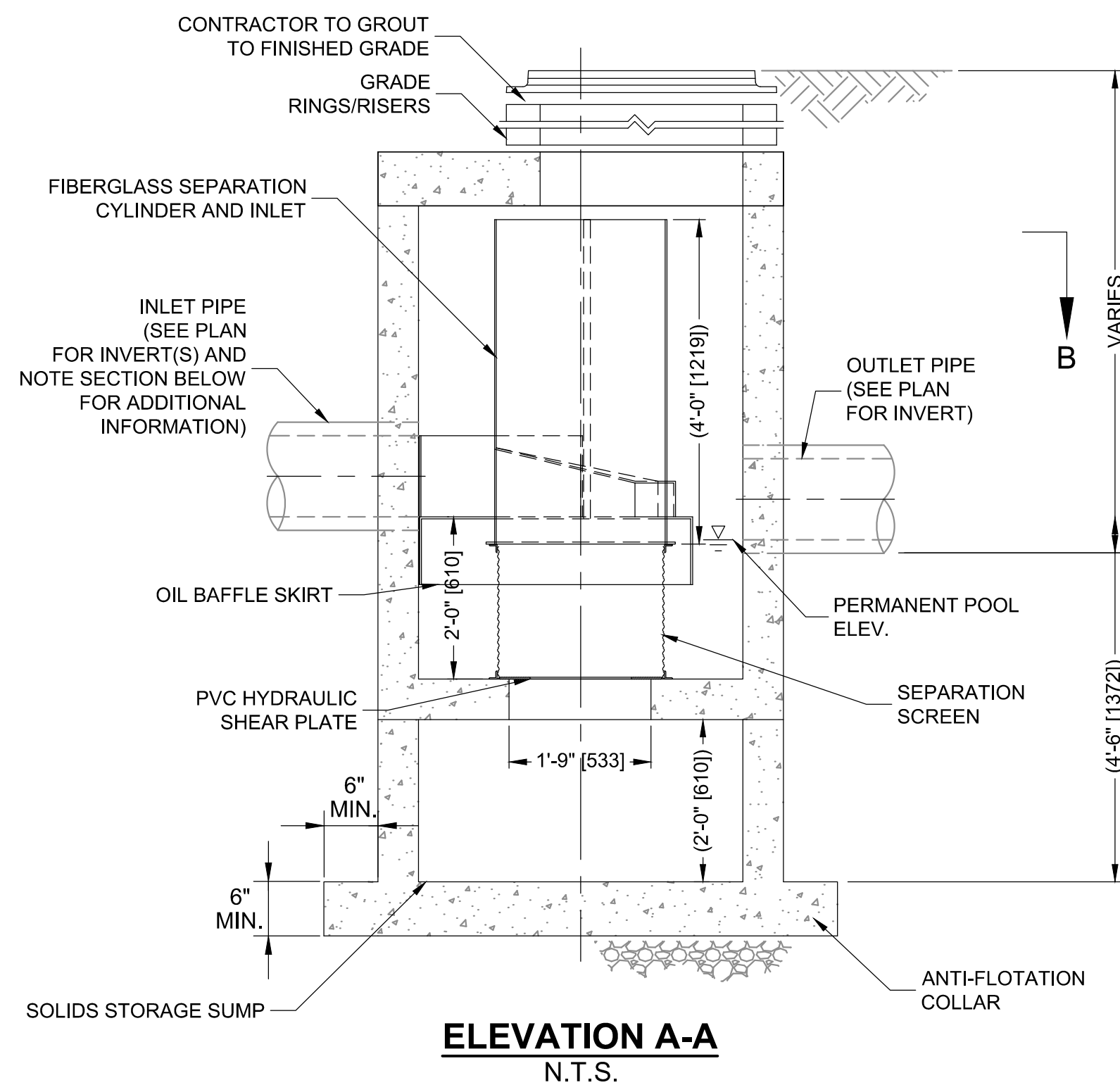
NOTES:

1. OUTLET STRUCTURE TO BE 2'X2' OR 4'X4' (INTERIOR DIMENSIONS - SEE SPECIFICATIONS BELOW) WIDE WITH A 4' SUMP PRECAST CONCRETE STRUCTURE.
2. SEE CATCH BASIN DETAIL FOR MATERIAL AND CONSTRUCTION SPECIFICATIONS.
3. TRASH RACK BAR GRATE TO BE GALVANIZED OR PAINTED (2 COATS W/ RUST INHIBITOR BLACK PAINT).
4. IF MORE THAN 2 TRASH RACK GRATE PANELS ARE USED, PANELS ARE TO BE BOLTED TO ANGLES W/ GALV. BOLTS AT EACH CORNER.



1 INFILTRATION BASIN
SCALE: N.T.S.

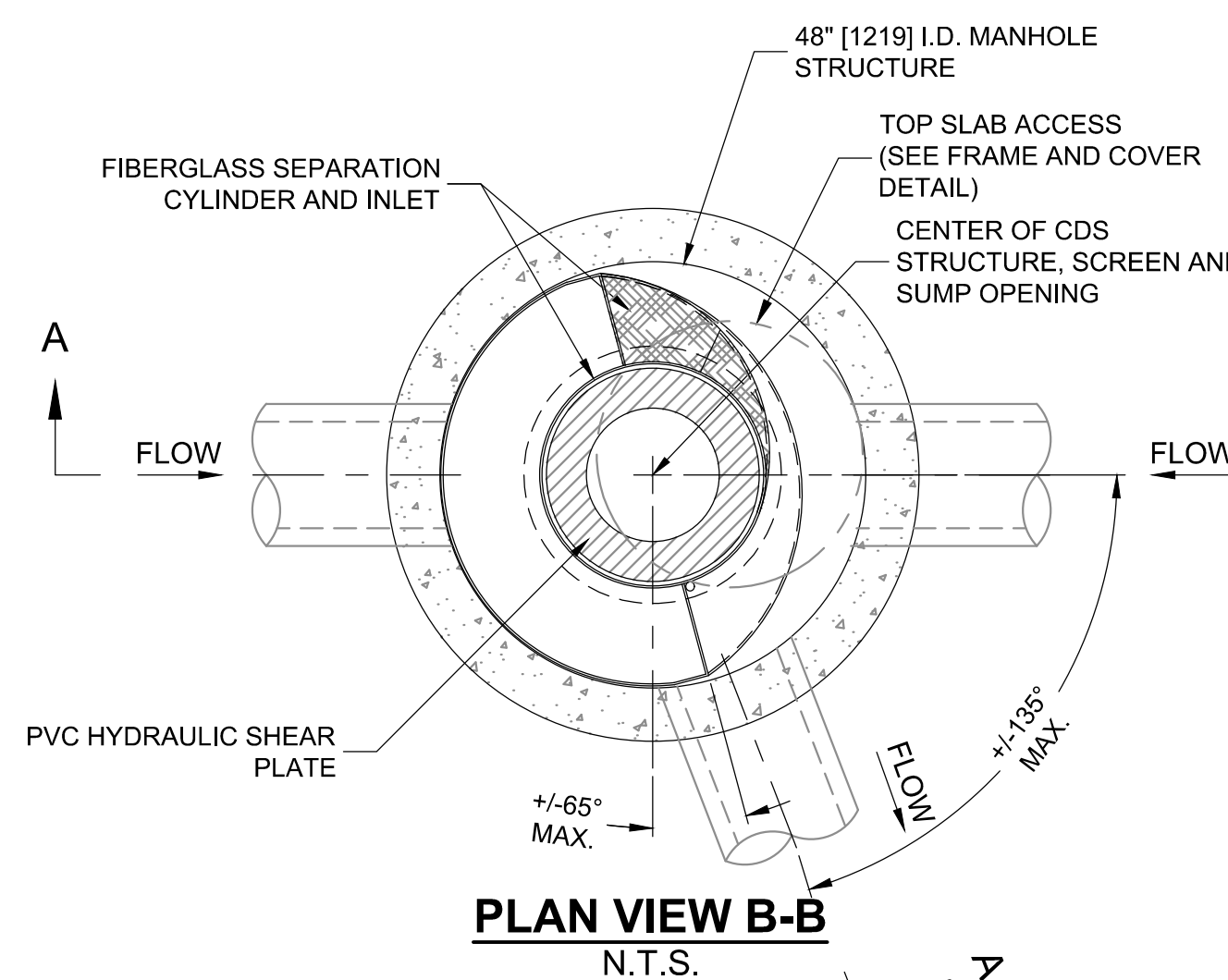
- NOTES:
1. SEE PLANTING PLAN FOR ADDITIONAL REQUIREMENTS.
 2. VERTICAL GRANITE CURB EMBEDDED IN SPILLWAY SHALL BE SET TO AN ACCURATE ELEVATION WITH A CONSTRUCTION TOLERANCE OF .5"± FROM REQUIRED ELEVATION.



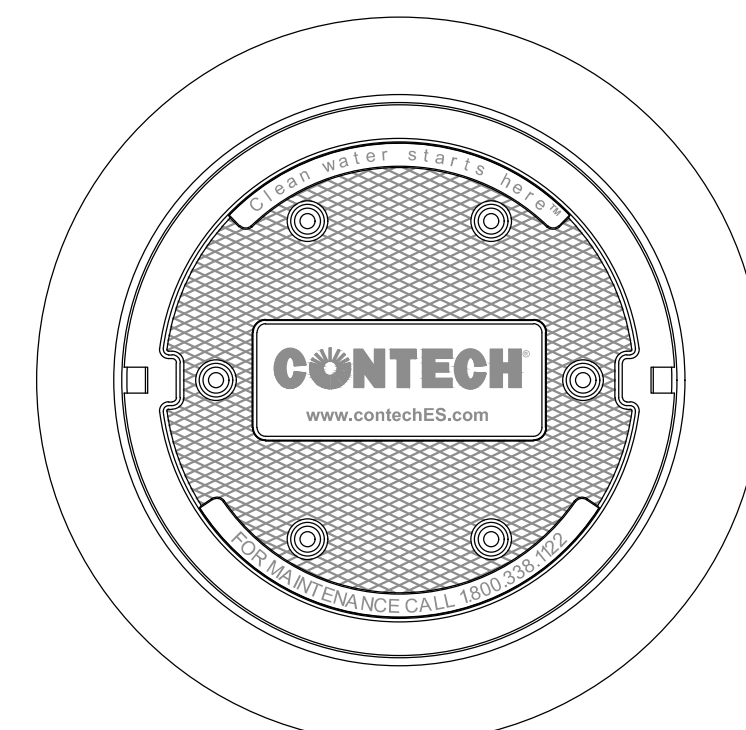
NOTE:

1. MULTIPLE INLET PIPES MAY BE ACCOMMODATED. CONTRACTOR TO VERIFY FEASIBILITY OF CONNECTION TO CDS UNIT IN ORDER TO INSTALL

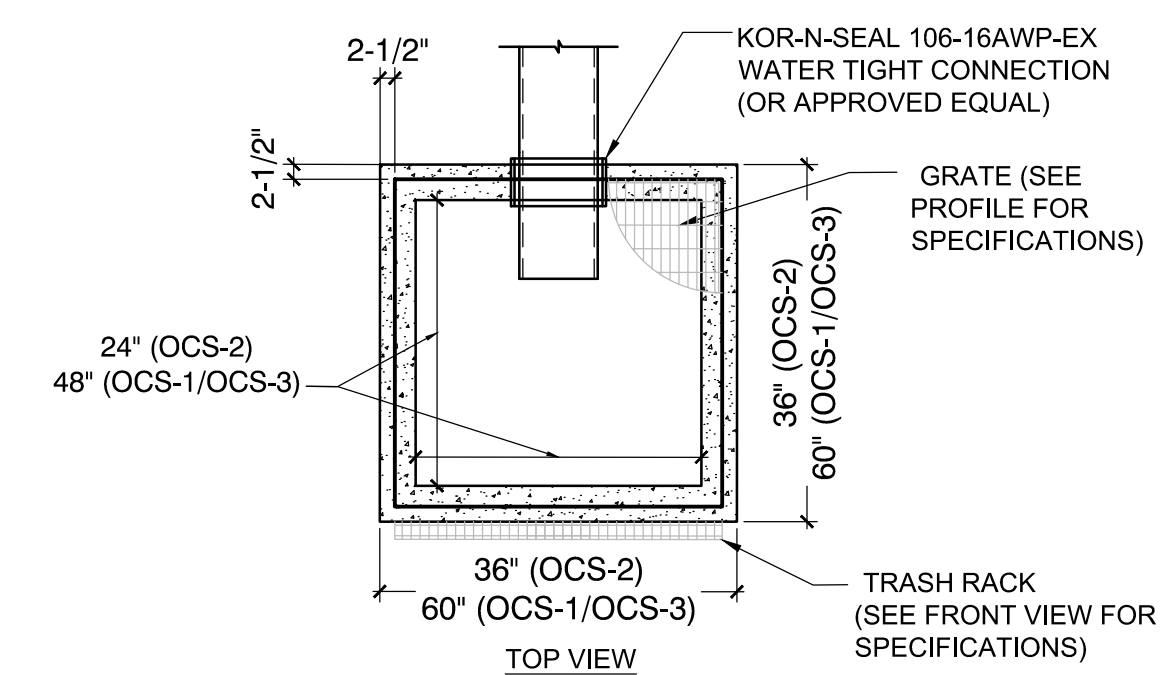
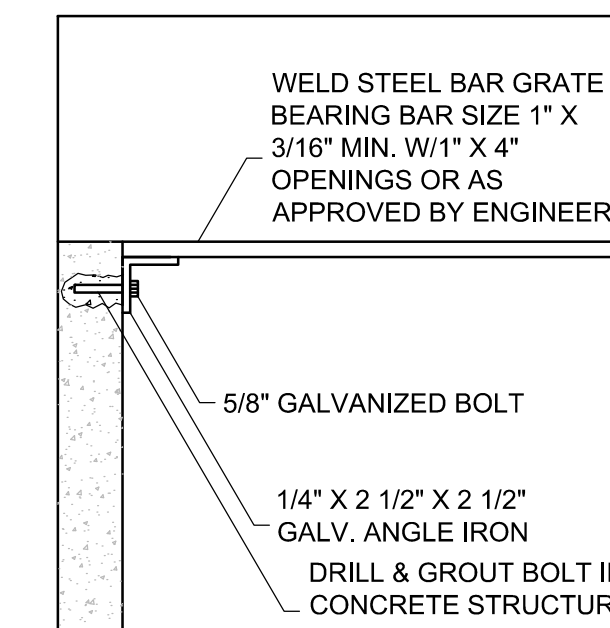
2 CONTECH CDS-2015-4-C INLINE UNIT DETAIL
SCALE: N.T.S.



PLAN VIEW B-B
N.T.S.



FRAME AND COVER
(DIAMETER VARIES)
N.T.S.



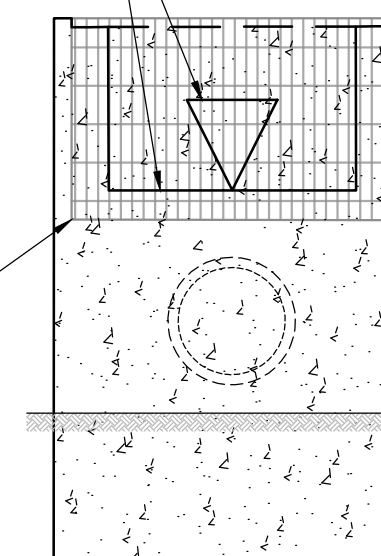
OUTLET STRUCTURE CONFIGURATION SUMMARY

	A	B	C*	D
OCS-1	241.38	24" HDPE	245.20	246.20
OCS-2	238.25	12" HDPE	241.60	244.30
OCS-3	241.28	24" HDPE	242.00	243.50

- * OCS-1 TO HAVE (1) 36"W x 12"H RECTANGULAR ORIFICE
OCS-2 TO HAVE (1) 18"W x 18"H V NOTCH WEIR
OCS-3 TO HAVE (1) 48"W x 18"H RECTANGULAR ORIFICE

- 19W4 HOT DIPPED GALVANIZED STEEL GRATE
OCS-1: 54"x54"x1-1/2"
OCS-2: 30"x30"x1-1/2"
OCS-3: 54"x54"x1-1/2"

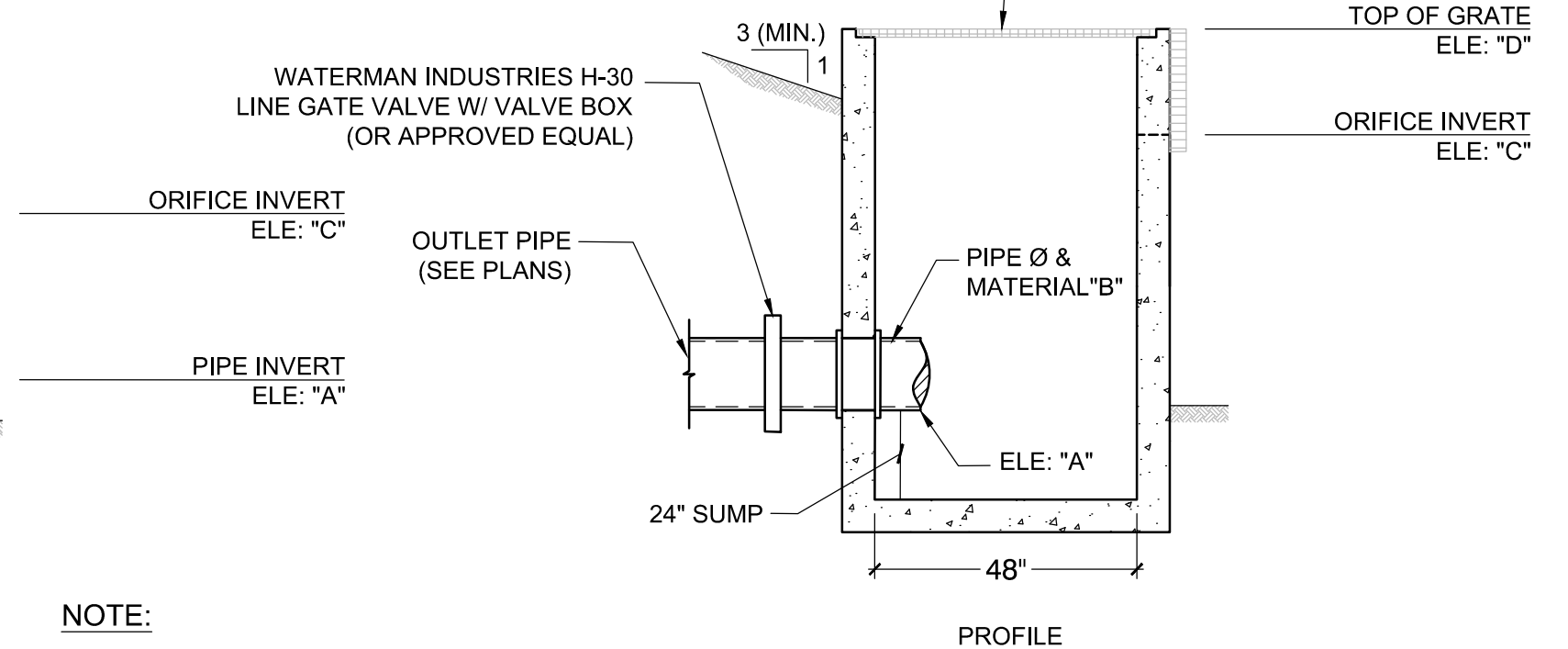
ORIFICE (STYLE VARIES - SEE NOTE FOR DESCRIPTION)



FRONT VIEW

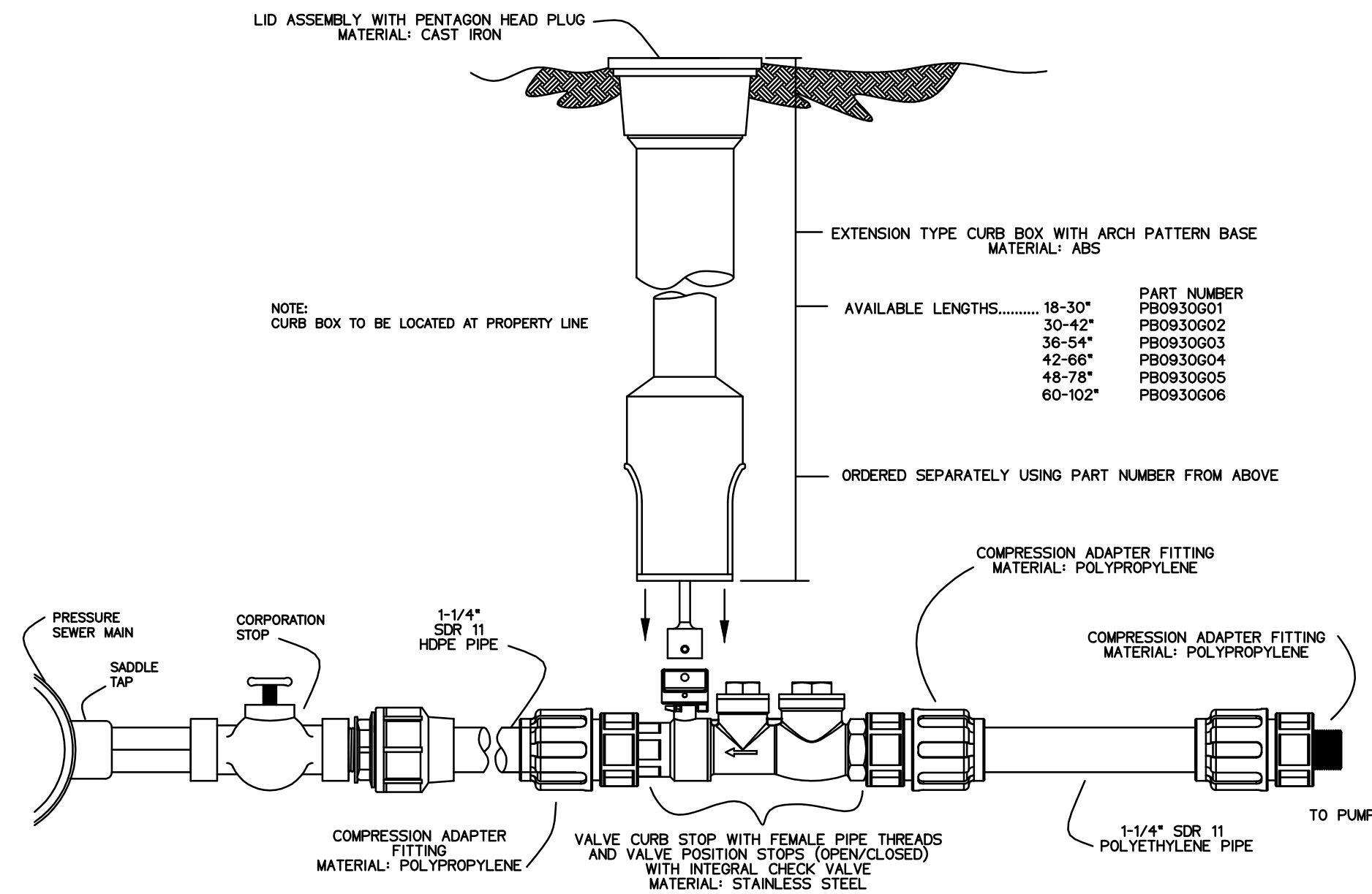
NOTE:

1. ALL MISC. PARTS AND FASTENERS MUST BE STAINLESS STEEL.

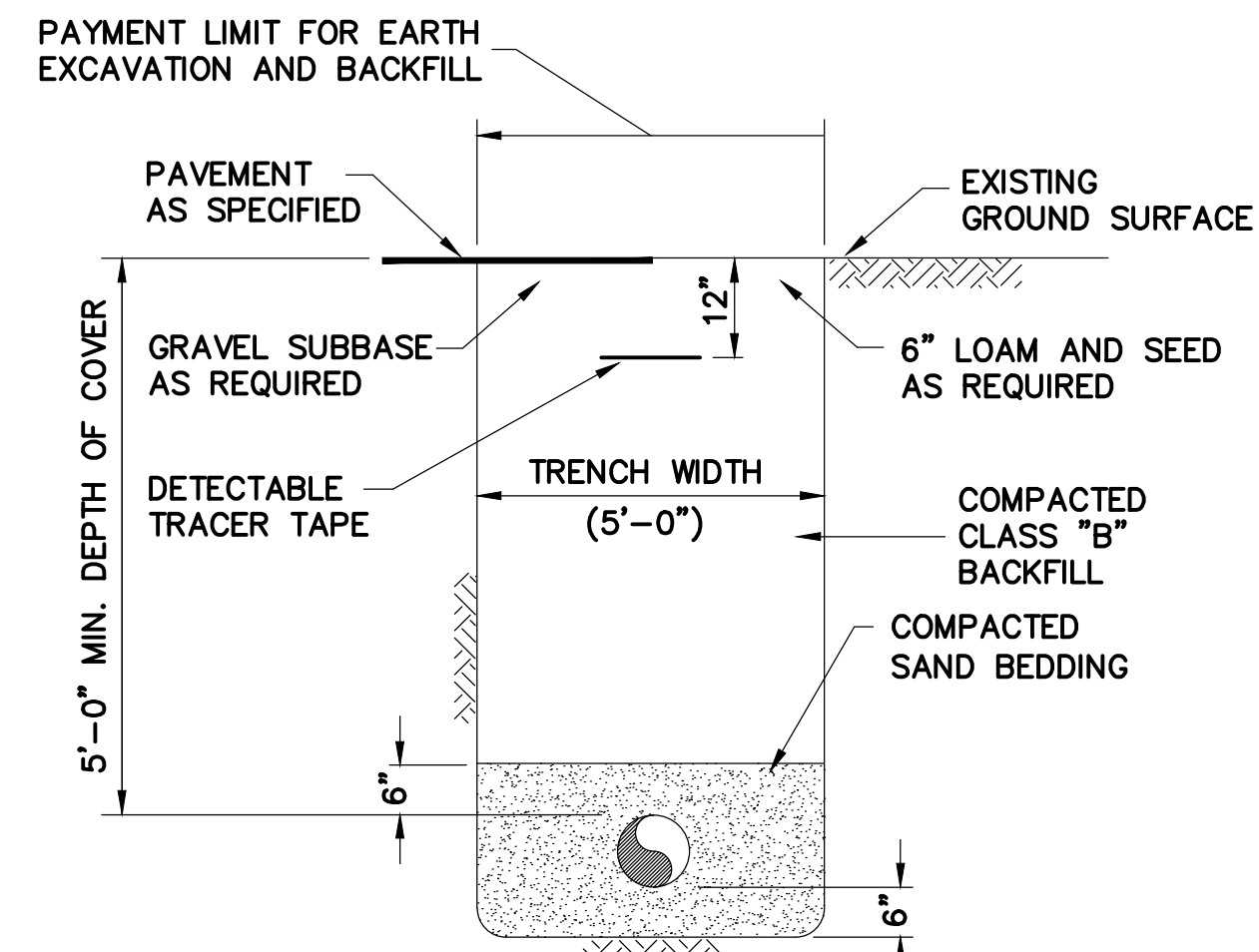


PROFILE

3 OUTLET CONTROL STRUCTURE (OCS) - TYPE 2
SCALE: N.T.S.

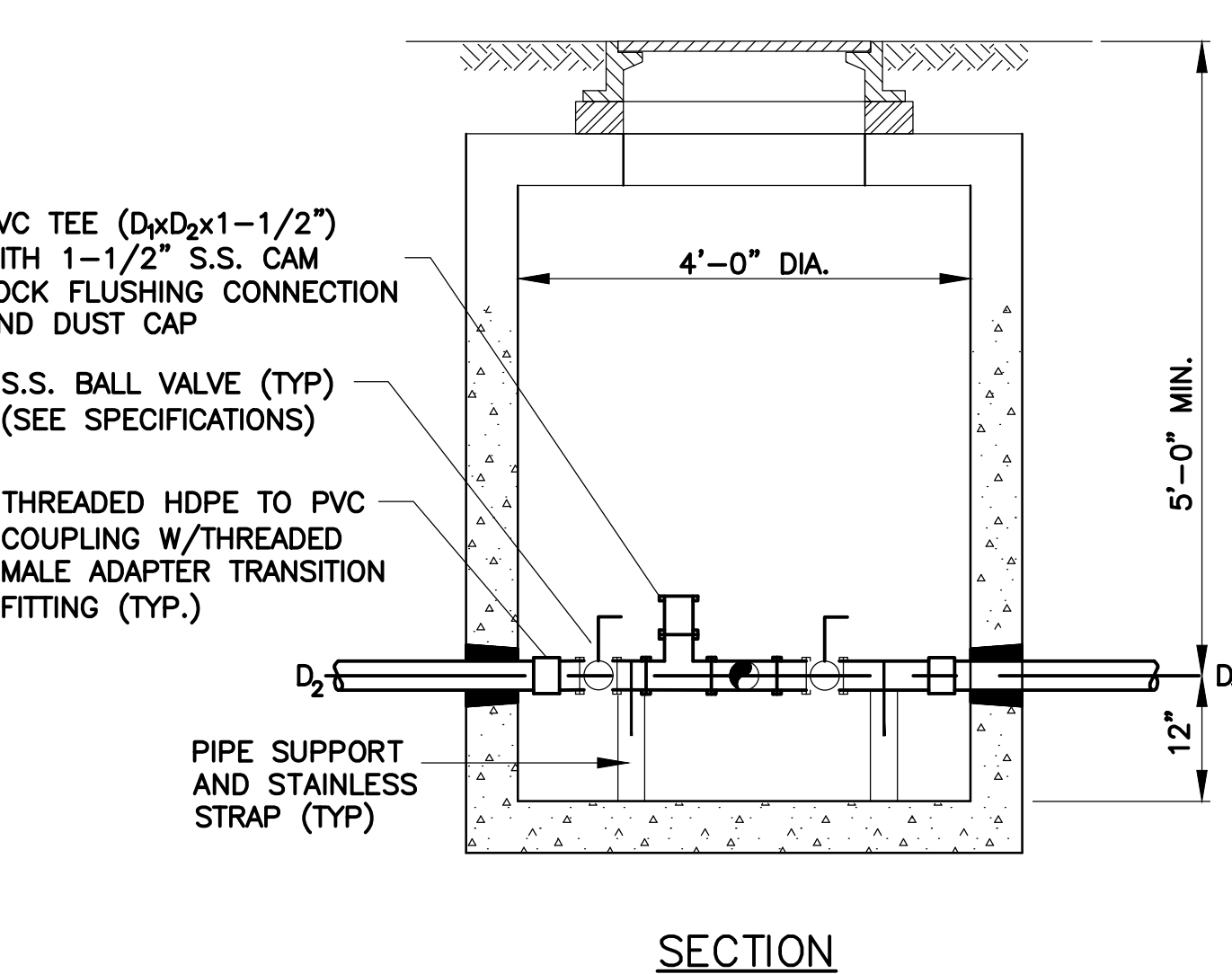
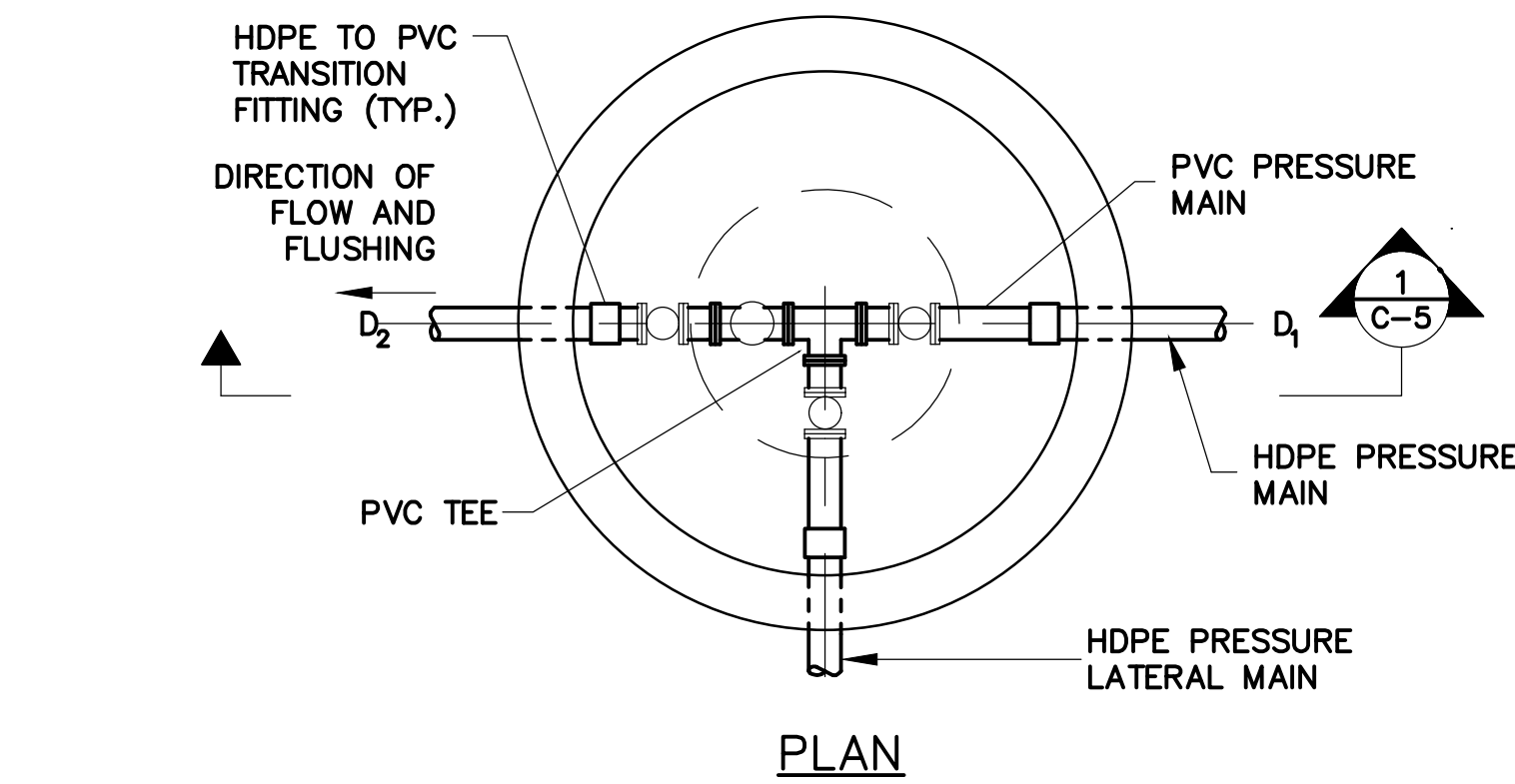


1 STAINLESS STEEL LATERAL INSTALLATION AND KIT (1-1/4\"/>



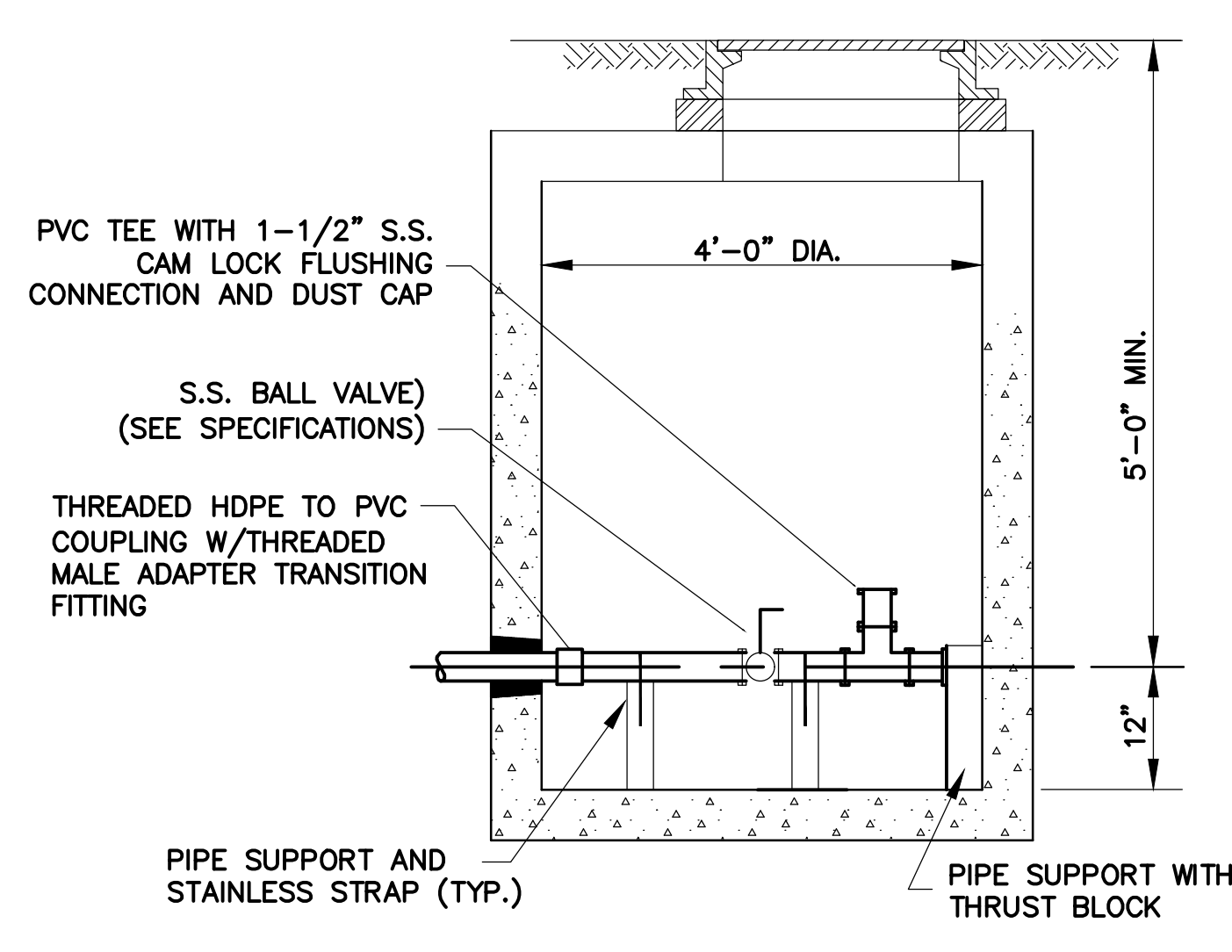
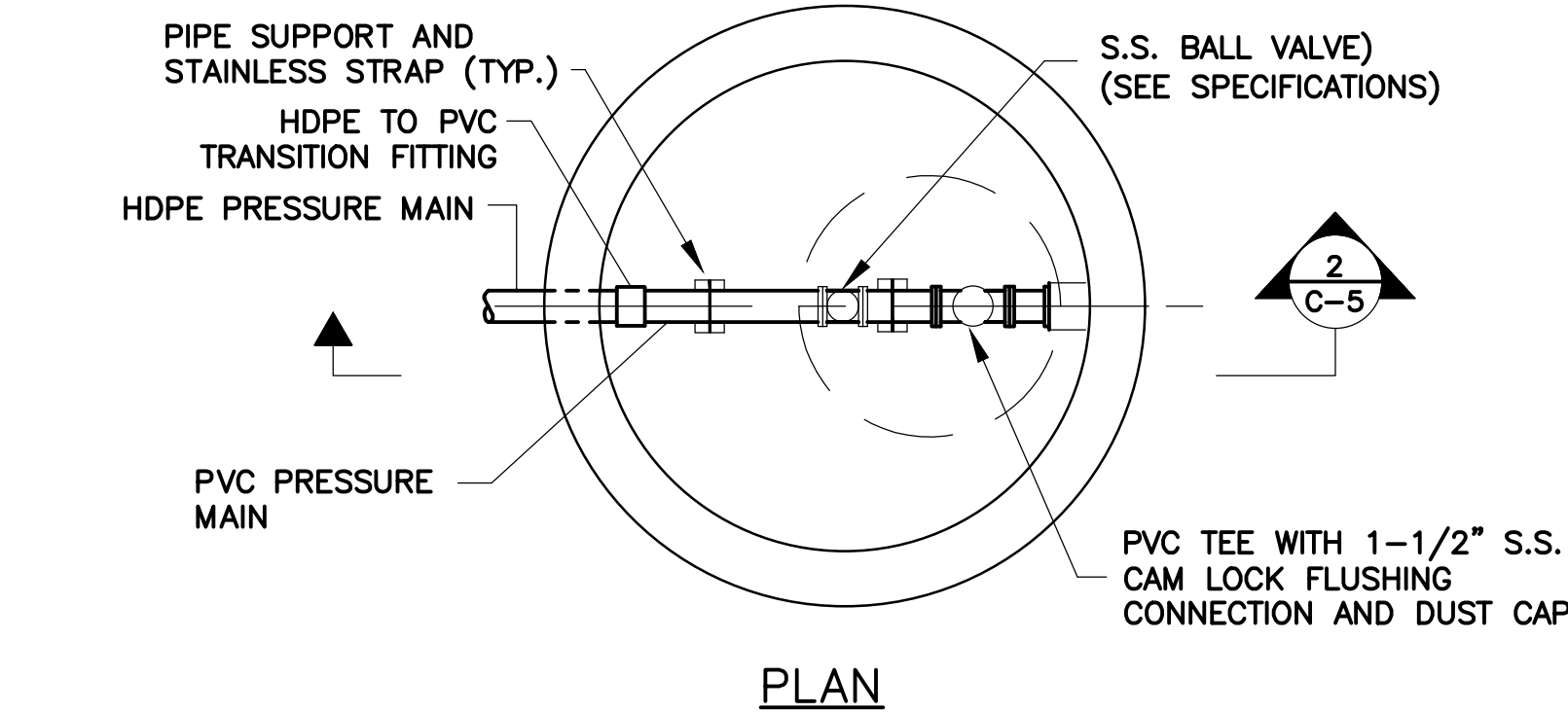
NOTE:
 1. BELOW THE 'LINE OF NARROW TRENCH LIMIT' THE TRENCH SHOULD NOT BE EXCAVATED BEYOND THE TRENCH WIDTH 'W'. IF MATERIAL IS LOOSENEED OR REMOVED BEYOND THE ABOVE MENTIONED LIMITS, THE CONTRACTOR WILL BE REQUIRED TO PROVIDE CRUSHED STONE FOR THE FULL WIDTH OF THE TRENCH AT NO ADDITIONAL COST TO THE OWNER.

2 PRESSURE SEWER TRENCH DETAIL
 SCALE: N.T.S.



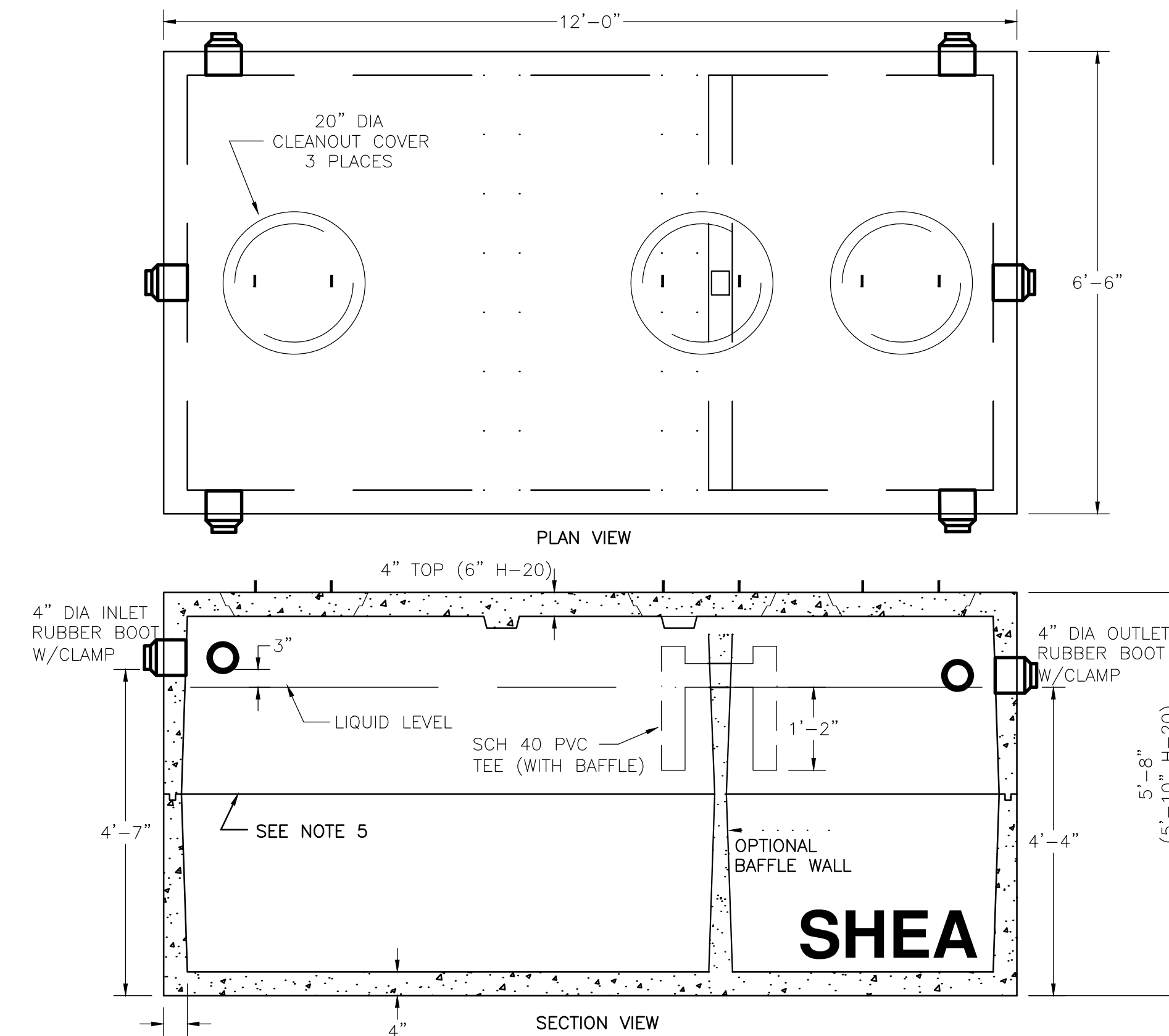
NOTES:
 1. ALL MANHOLE COMPONENTS TO BE AS SHOWN ON TYPICAL PRECAST MANHOLE DETAIL.
 2. PROVIDE ADAPTING FITTINGS AS REQUIRED.

4 MAIN CONNECTION DETAIL
 SCALE: N.T.S.



NOTES:
 1. ALL MANHOLE COMPONENTS TO BE AS SHOWN ON TYPICAL PRECAST MANHOLE DETAIL.
 2. PROVIDE ADAPTING FITTINGS AS REQUIRED.

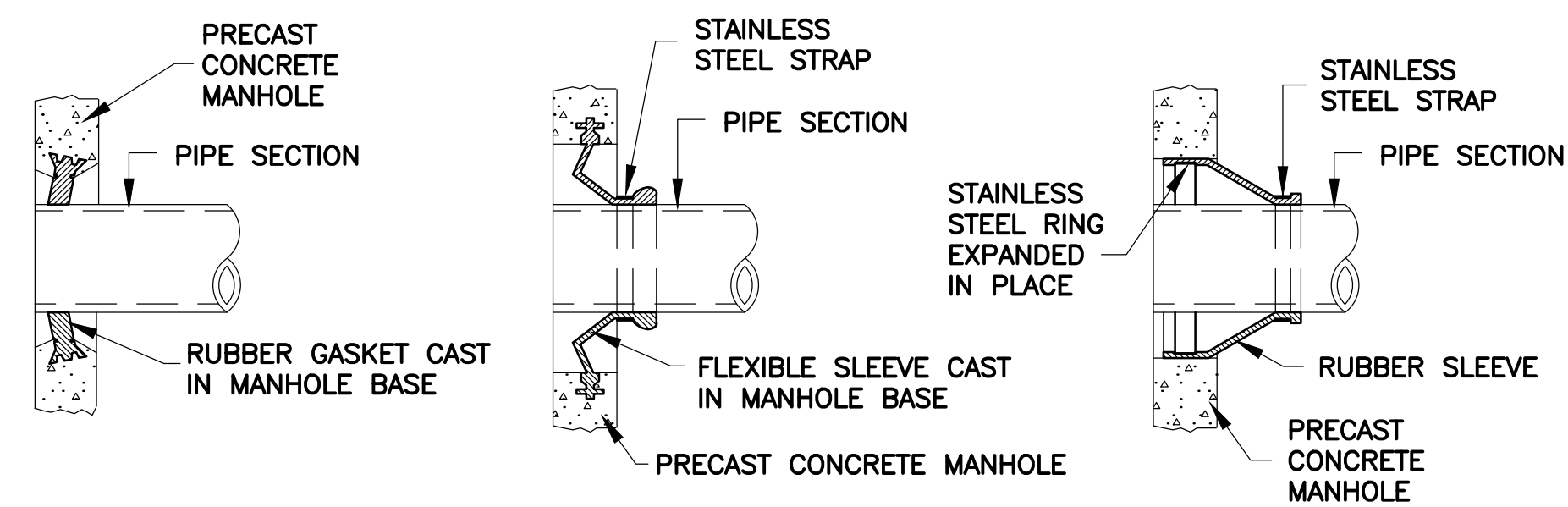
5 PRESSURE SEWER TERMINAL FLUSHING CONNECTION (TFC)
 SCALE: N.T.S.



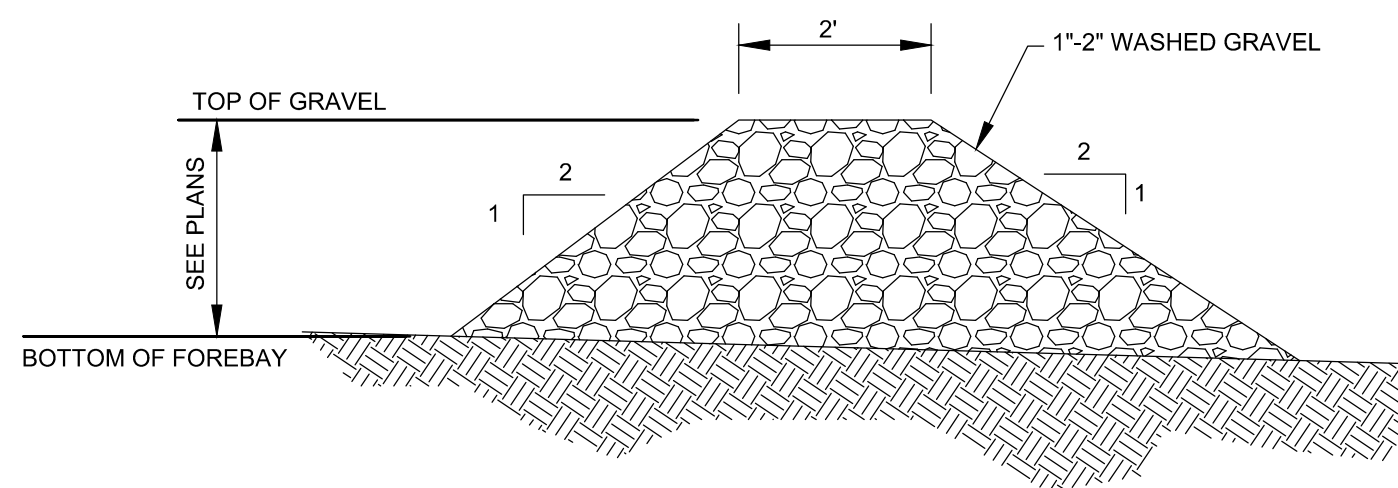
NOTES:
 1. CONCRETE: 4,000 PSI MINIMUM AFTER 28 DAYS.
 2. CONSTRUCTION OF SEPTIC TANK CONFORMS WITH 310 CMR, SECTION 15.00 DEP TITLE 5 REGS.
 3. ALL REINFORCEMENT PER ASTM C1227.
 4. BAFFLE WALL OPTIONAL FOR TWO COMPARTMENT TANKS.
 5. TEES AND GAS BAFFLE SOLD SEPARATELY.
 6. TONGUE & GROOVE JOINT SEALED WITH BUTYL RESIN.
 7. IF COVER EXCEEDS 4 FEET, HEAVY DUTY TANK REQUIRED. ALSO AVAILABLE IN AASHTO HS-20 LOADING.

ITEM NO.	2000	STANDARD	WEIGHT
	2000H	H-20	14,245#
	20002C	STANDARD	15,685#
	20002CH	H-20	17,610#

3 2000 GALLON (TWO COMPARTMENT) SEPTIC TANK
 SCALE: N.T.S.



6 MANHOLE SEAL DETAILS
 SCALE: N.T.S.



7 FOREBAY CHECK DAM DETAIL
 SCALE: N.T.S.

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 P 617 964 5477 SPECIFICATIONS

RSE ASSOCIATES
 63 PLEASANT STREET WATERTOWN, MA 02472
 P 617 926 9300 STRUCTURAL

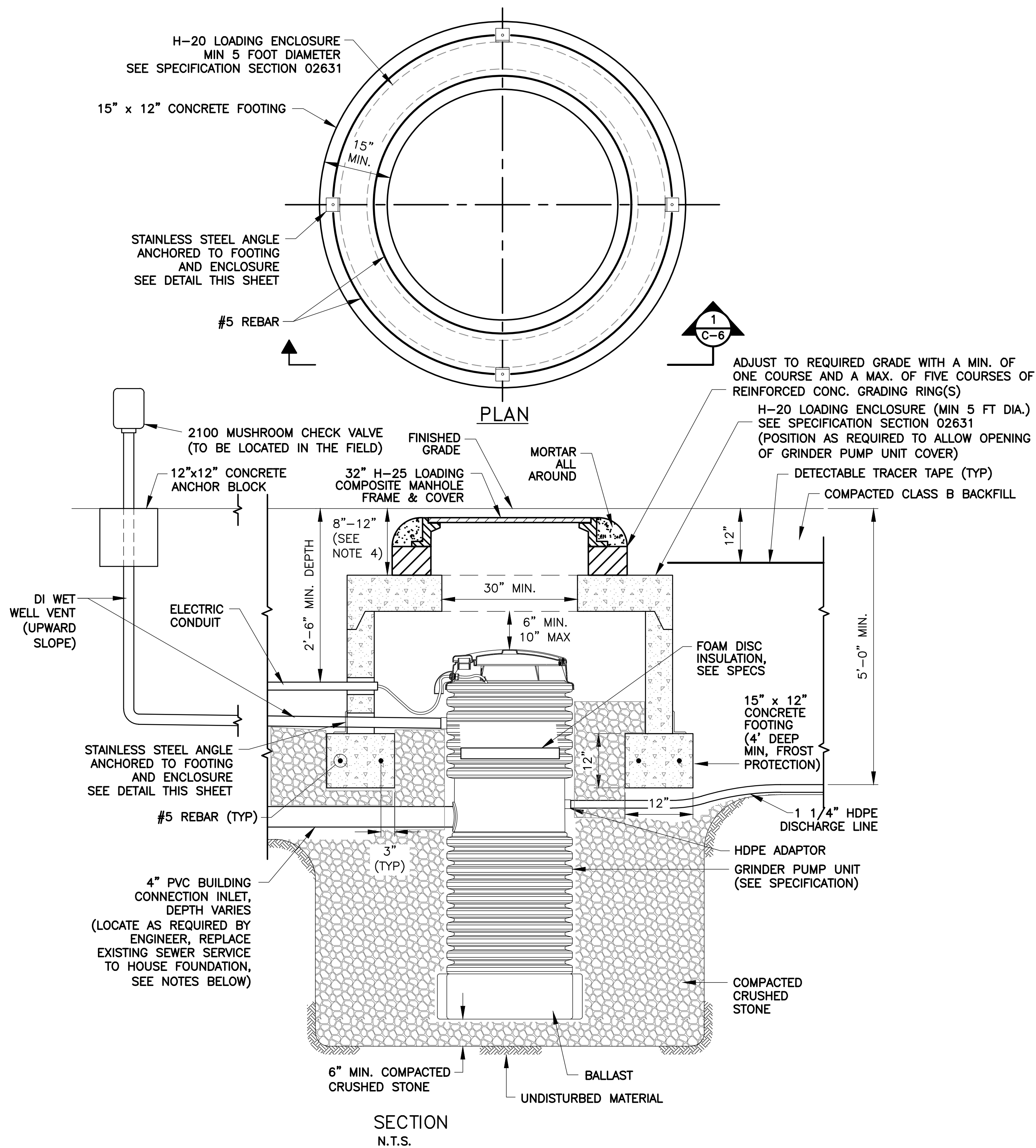
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SCALE UTILITE PROJECT NUMBER 2212

DETAILS

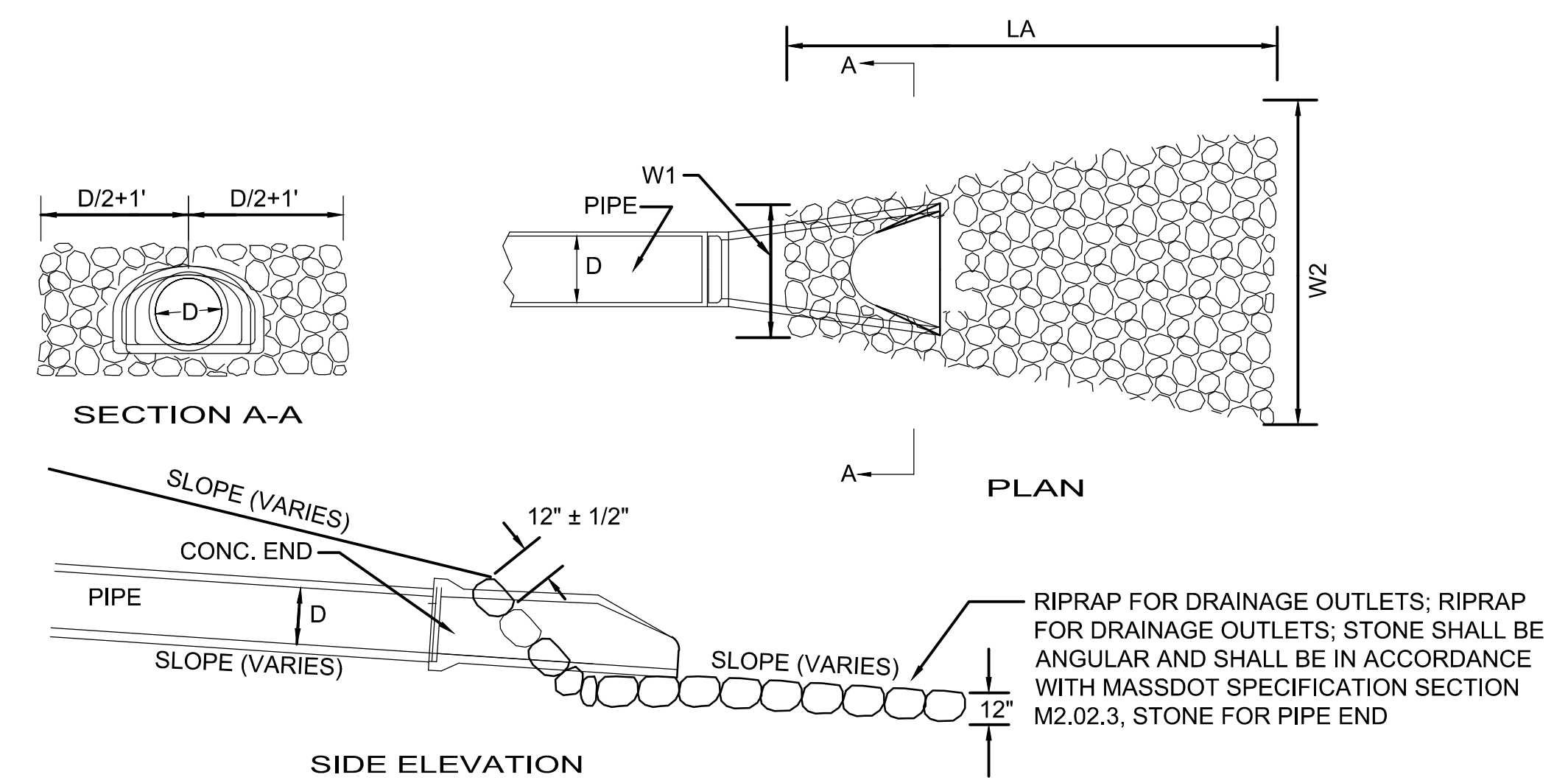
C506



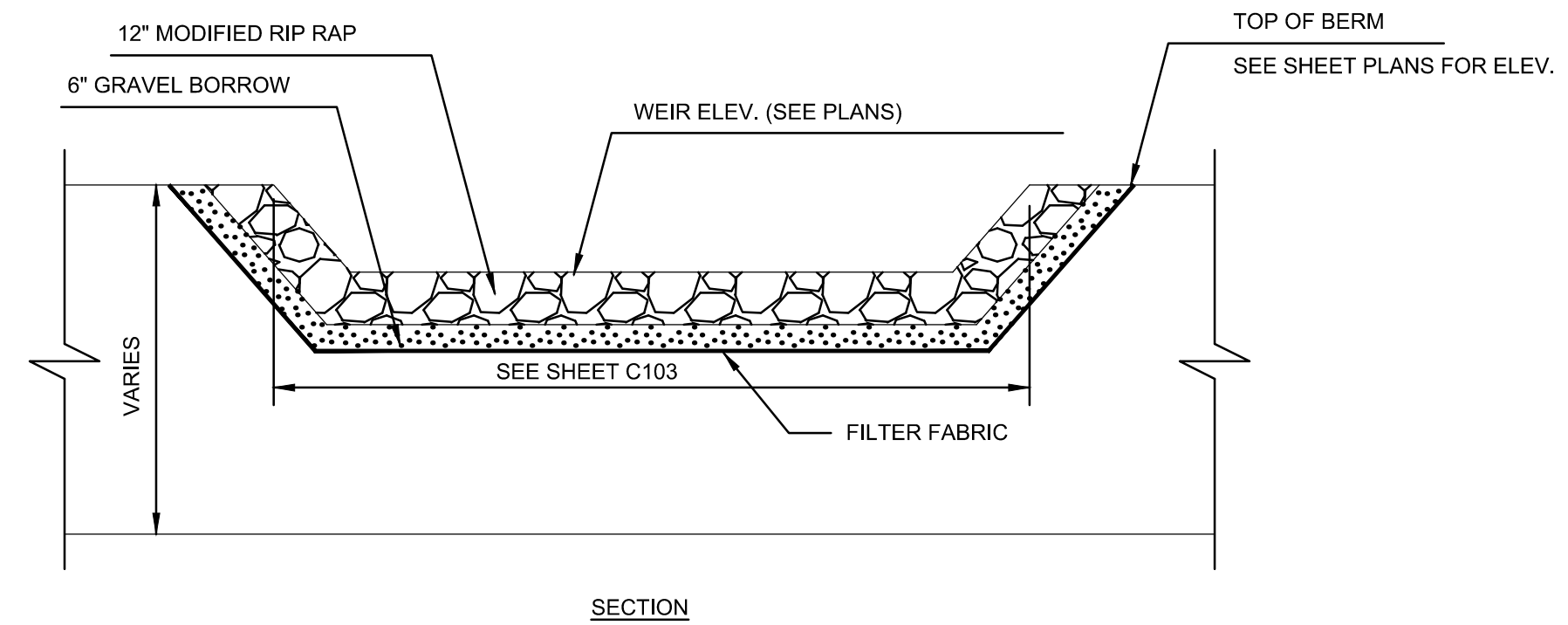
NOTES:

1. ACTUAL INDIVIDUAL GRINDER PUMP UNIT LOCATION ON EACH PROPERTY TO BE DETERMINED PRIOR TO CONSTRUCTION.
2. CONTRACTOR SHALL REPLACE EXISTING SEWER SERVICE ON EACH PROPERTY FROM NEW GRINDER PUMP UNIT TO JUST OUTSIDE OF EXISTING HOUSE FOUNDATION
3. PLACE CRUSHED STONE 6" RADIUS AROUND 1 1/4 HDPE DISCHARGE LINE, ELECTRIC CONDUIT, AND WET WELL VENT.
4. FRAME AND COVER TO BE BURIED 8-12" IN LAWN/UNPAVED AREAS, OTHERWISE AT GRADE.

1 GRINDER PUMP INSTALLATION DETAIL
SCALE: N.T.S.

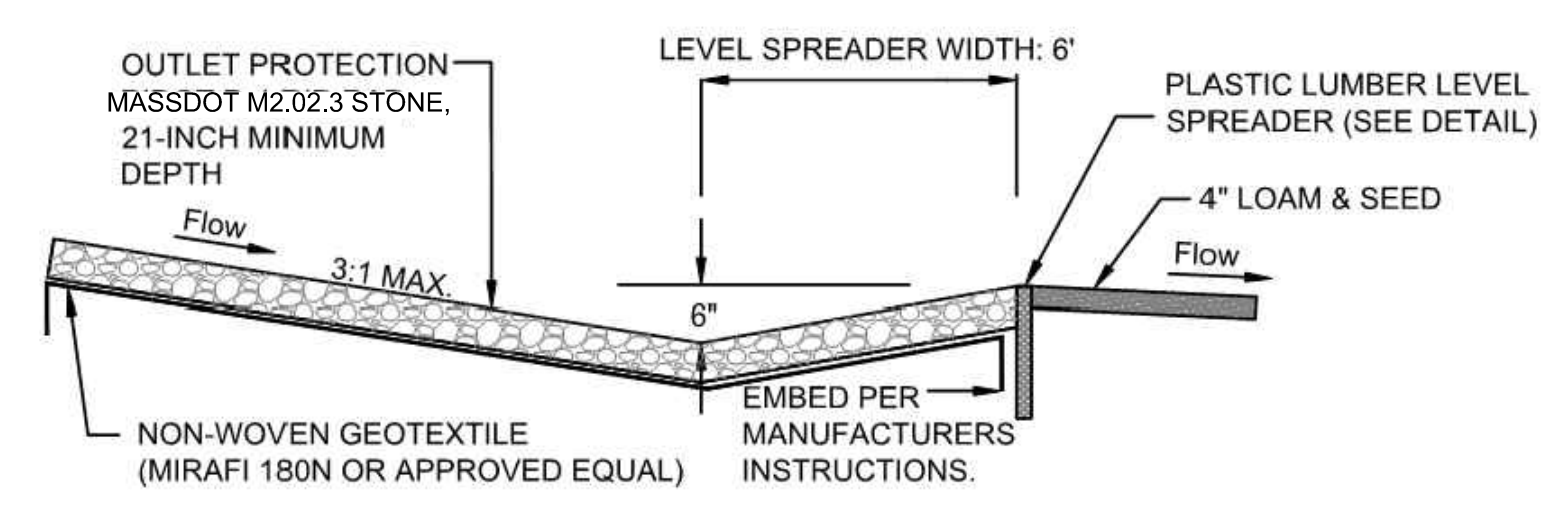


2 FLARED END PIPE DETAIL
SCALE: N.T.S.



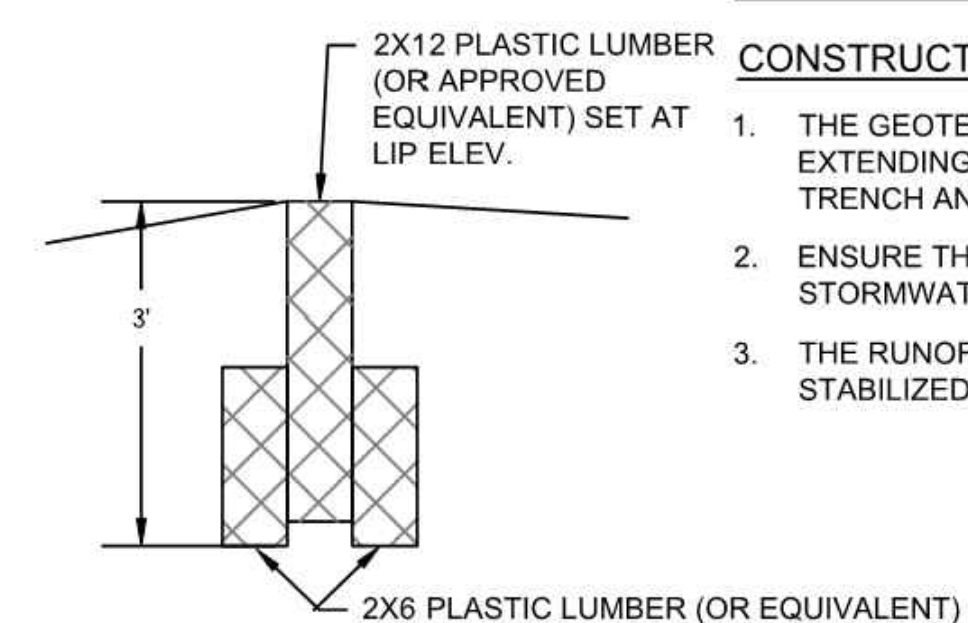
NOTES:
CROSS-SECTION OF EMERGENCY SPILLWAY CHANNEL SHALL CONTINUE DOWN EXTERIOR SLOPE OF EARTH EMBANKMENT.

3 EMERGENCY SPILLWAY FOR INFILTRATION BASIN
SCALE: N.T.S.

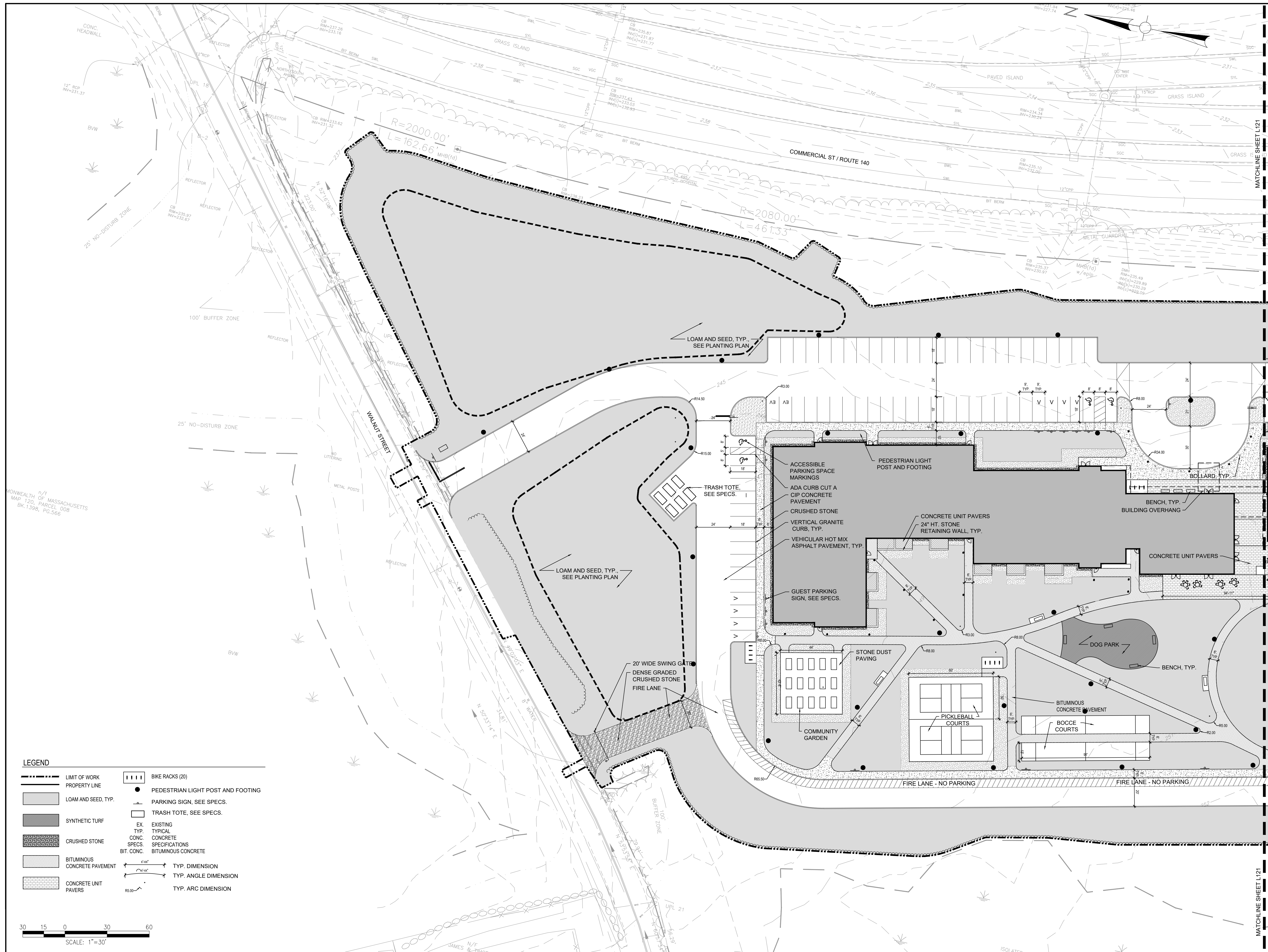


CROSS SECTION CONSTRUCTION SPECIFICATIONS

1. THE GEOTEXTILE SHOULD BE A MINIMUM OF 6 FEET WIDE EXTENDING 12 INCHES OVER THE LIP. EMBED IN A VERTICAL TRENCH AND SECURE PER MANUFACTURER'S INSTRUCTIONS.
2. ENSURE THAT THE LIP IS LEVEL TO UNIFORMLY SPREAD STORMWATER DISCHARGE.
3. THE RUNOFF DISCHARGE WILL BE OUTLETED ONTO A STABILIZED VEGETATED SLOPE NOT TO EXCEED 10%.

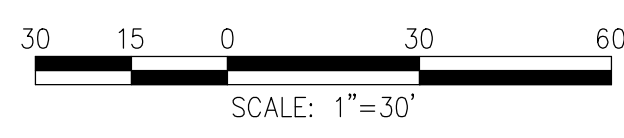


4 LEVEL SPREADER DETAIL
SCALE: N.T.S.



LEGEND

	LIMIT OF WORK		BIKE RACKS (20)
	PROPERTY LINE		PEDESTRIAN LIGHT POST AND FOOTING
	LOAM AND SEED, TYP.		PARKING SIGN, SEE SPECS.
	SYNTHETIC TURF		TRASH TOTE, SEE SPECS.
	CRUSHED STONE		EXISTING TYPICAL CONCRETE SPECIFICATIONS
	BITUMINOUS CONCRETE PAVEMENT		CONCRETE SPECIFICATIONS
	CONCRETE UNIT PAVERS		BITUMINOUS CONCRETE
	TYP. DIMENSION		TYP. ARC DIMENSION
	TYP. ANGLE DIMENSION		



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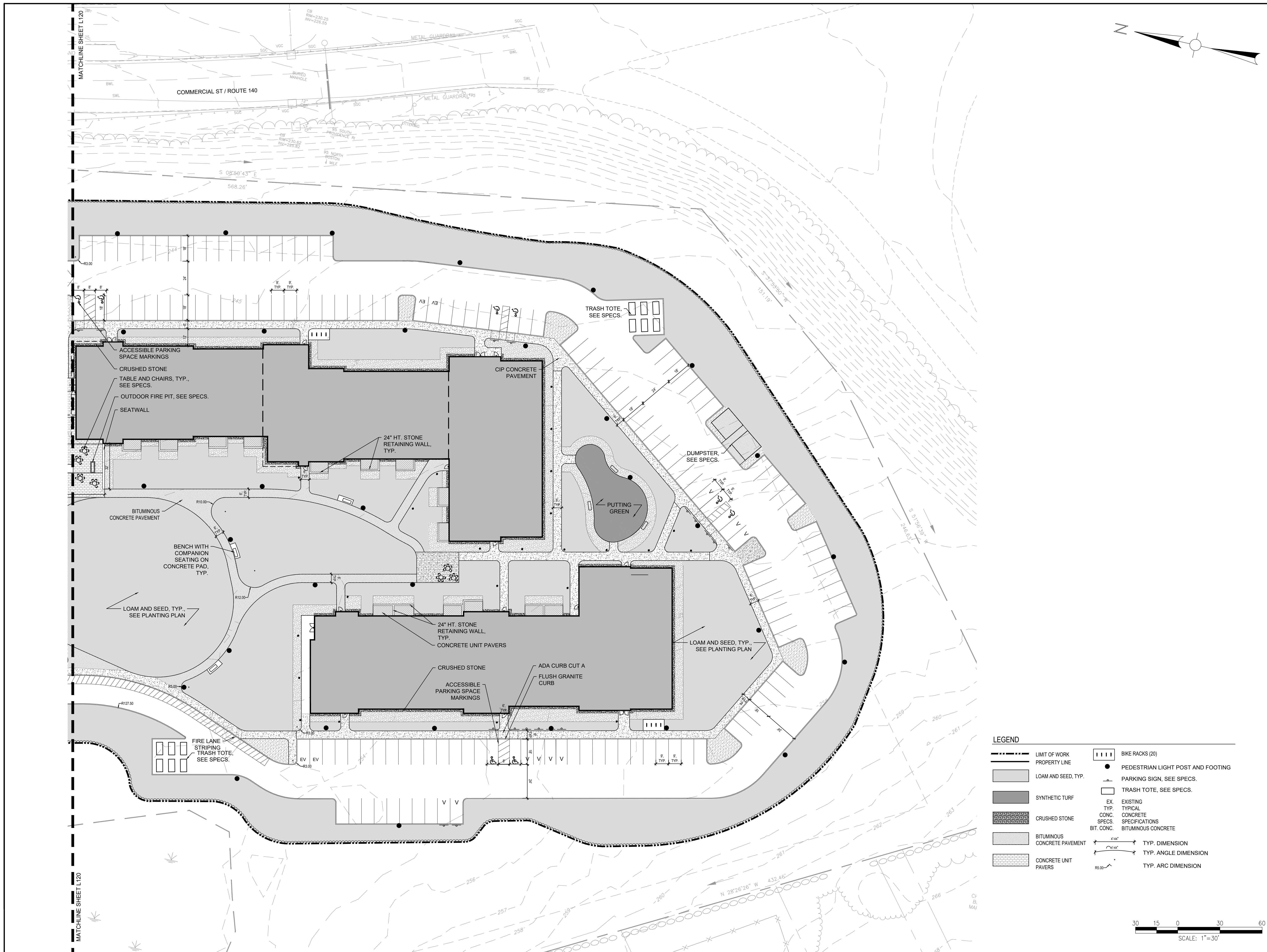
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SCALE UTILITE PROJECT NUMBER 2212

MATERIALS PLAN (NORTH)

L120



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SCALE UTILITE PROJECT NUMBER
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**MATERIALS
PLAN
(SOUTH)**

L121

LEGEND

- LIMIT OF WORK
- PROPERTY LINE
- LOAM AND SEED, TYP.
- SYNTHETIC TURF
- CRUSHED STONE
- BITUMINOUS CONCRETE PAVEMENT
- CONCRETE UNIT PAVERS
- BIKE RACKS (20)
- PEDESTRIAN LIGHT POST AND FOOTING
- PARKING SIGN, SEE SPECS.
- TRASH TOTE, SEE SPECS.
- EX EXISTING
- TYP. TYPICAL
- CONC. CONCRETE
- SPECS. SPECIFICATIONS
- BIT. CONC. BITUMINOUS CONCRETE
- TYP. DIMENSION
- TYP. ANGLE DIMENSION
- TYP. ARC DIMENSION



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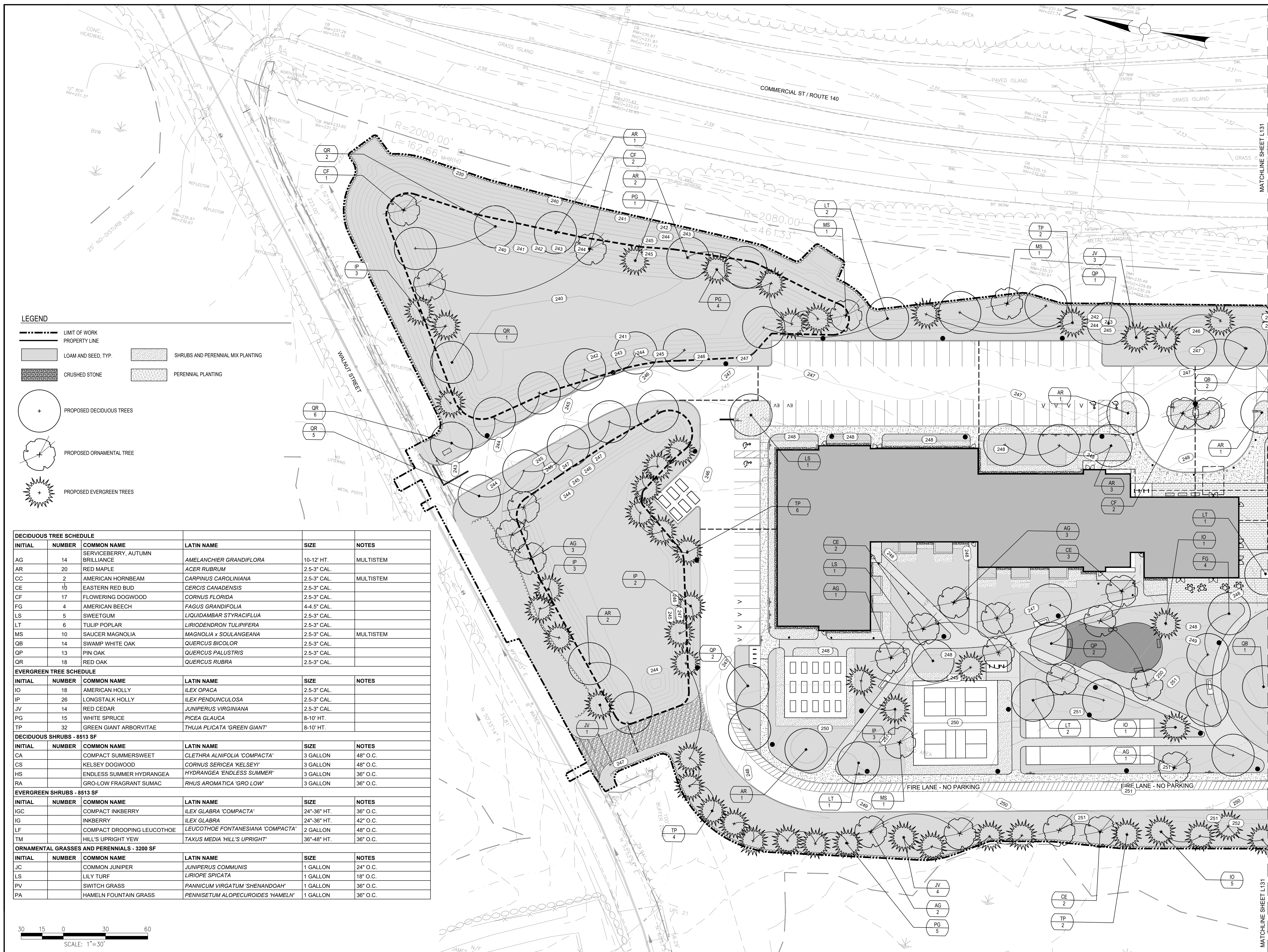
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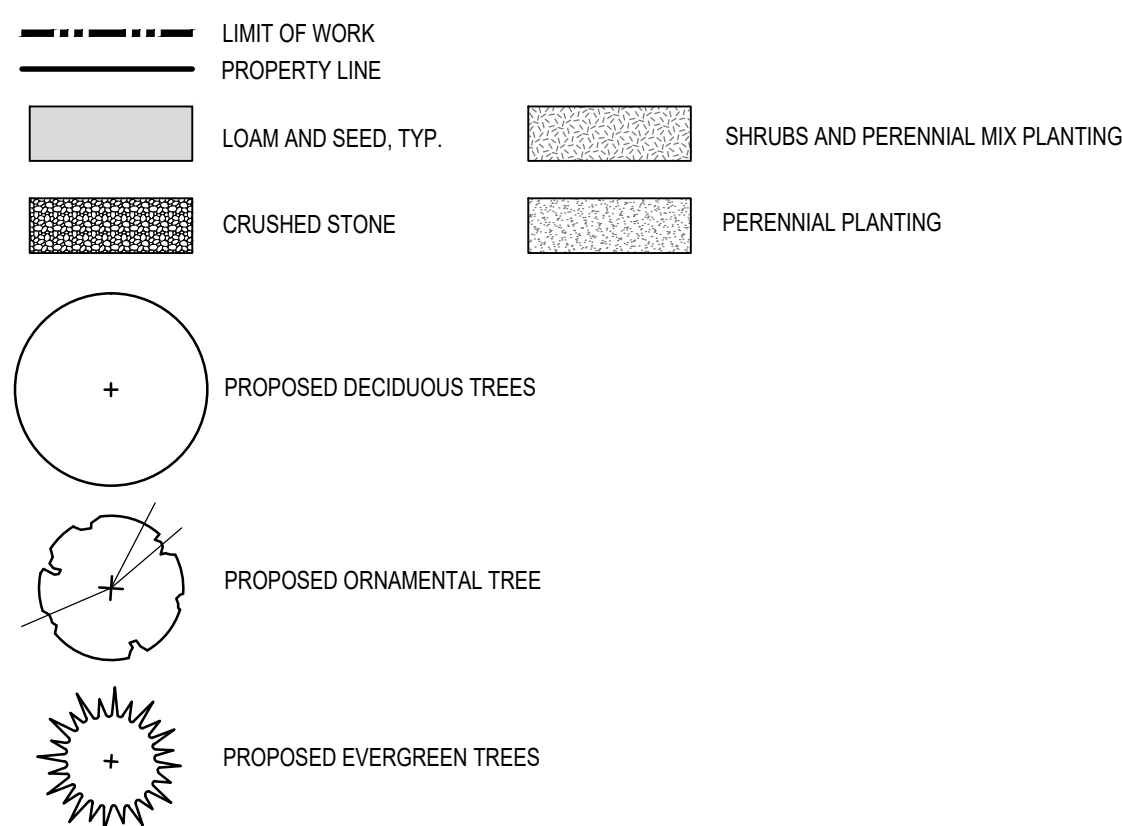
SCALE UTILITE PROJECT NUMBER
2212

PLANTING
PLAN
(NORTH)

L130



LEGEND



DECIDUOUS TREE SCHEDULE

INITIAL	NUMBER	COMMON NAME	LATIN NAME	SIZE	NOTES
AG	14	SERVICEBERRY, AUTUMN BRILLIANCE	AMELANCHIER GRANDIFLORA	10-12' HT.	MULTISTEM
AR	20	RED MAPLE	ACER RUBRUM	2.5-3" CAL.	
CC	2	AMERICAN HORNBEAM	CARPINUS CAROLINIANA	2.5-3" CAL.	MULTISTEM
CE	10	EASTERN RED BUD	CERCIS CANADENSIS	2.5-3" CAL.	
CF	17	FLOWERING DOGWOOD	CORNUS FLORIDA	2.5-3" CAL.	
FG	4	AMERICAN BEECH	FAGUS GRANDIFOLIA	4.4-5" CAL.	
LS	5	SWEETGUM	LIQUIDAMBAR STYRACIFLUA	2.5-3" CAL.	
LT	6	TULIP POPLAR	LIRIODENDRON TULIPIFERA	2.5-3" CAL.	
MS	10	SAUCER MAGNOLIA	MAGNOLIA x SOULANGEANA	2.5-3" CAL.	MULTISTEM
QB	14	SWAMP WHITE OAK	QUERCUS BICOLOR	2.5-3" CAL.	
QP	13	PIN OAK	QUERCUS PALUSTRIS	2.5-3" CAL.	
QR	18	RED OAK	QUERCUS RUBRA	2.5-3" CAL.	

EVERGREEN TREE SCHEDULE

INITIAL	NUMBER	COMMON NAME	LATIN NAME	SIZE	NOTES
IO	18	AMERICAN HOLLY	ILEX OPACA	2.5-3" CAL.	
IP	26	LONGSTALK HOLLY	ILEX PENDUNCULOSA	2.5-3" CAL.	
JV	14	RED CEDAR	JUNIPERUS VIRGINIANA	2.5-3" CAL.	
PG	15	WHITE SPRUCE	PICEA GLAUCA	8-10' HT.	
TP	32	GREEN GIANT ARBORVITAE	THUJA PLICATA 'GREEN GIANT'	8-10' HT.	

DECIDUOUS SHRUBS - 8513 SF

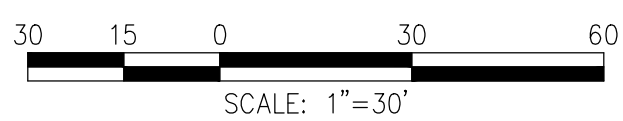
INITIAL	NUMBER	COMMON NAME	LATIN NAME	SIZE	NOTES
CA		COMPACT SUMMERSWEET	CLETHRA ALNIFOLIA 'COMPACTA'	3 GALLON	48" O.C.
CS		KELSEY DOGWOOD	CORNUS SERICEA 'KELSEY'	3 GALLON	48" O.C.
HS		ENDLESS SUMMER HYDRANGEA	HYDRANGEA 'ENDLESS SUMMER'	3 GALLON	36" O.C.
RA		GRO-LOW FRAGRANT SUMAC	RHUS AROMATICA 'GRO LOW'	3 GALLON	36" O.C.

EVERGREEN SHRUBS - 8513 SF

INITIAL	NUMBER	COMMON NAME	LATIN NAME	SIZE	NOTES
IGC		COMPACT INKBERRY	ILEX GLABRA 'COMPACTA'	24"-36" HT.	36" O.C.
IG		INKBERRY	ILEX GLABRA	24"-36" HT.	42" O.C.
LF		COMPACT DROOPING LEUCOTHOE	LEUCOTHOE FONTANESIANA 'COMPACTA'	2 GALLON	48" O.C.
TM		HILL'S UPRIGHT YEW	TAXUS MEDIA 'HILL'S UPRIGHT'	36"-48" HT.	36" O.C.

ORNAMENTAL GRASSES AND PERENNIALS - 3200 SF

INITIAL	NUMBER	COMMON NAME	LATIN NAME	SIZE	NOTES
JC		COMMON JUNIPER	JUNIPERUS COMMUNIS	1 GALLON	24" O.C.
LS		LILY TURF	LIRIOPE SPICATA	1 GALLON	18" O.C.
PV		SWITCH GRASS	PANNICUM VIRGATUM 'SHENANDOAH'	1 GALLON	36" O.C.
PA		HAMELN FOUNTAIN GRASS	PENNISETUM ALOPECUROIDES 'HAMELN'	1 GALLON	36" O.C.





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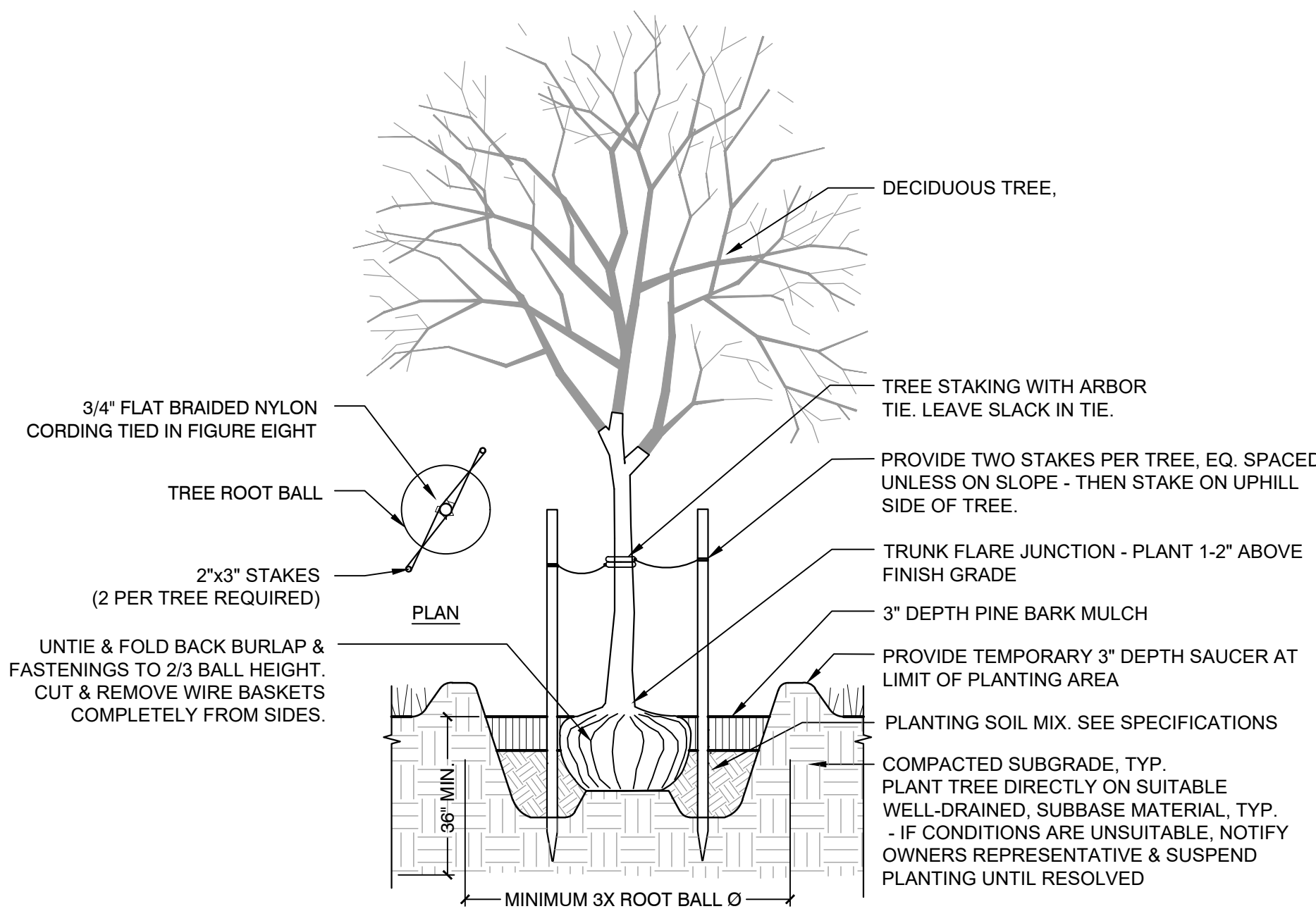
**PLANTING
PLAN
(SOUTH)**

L131

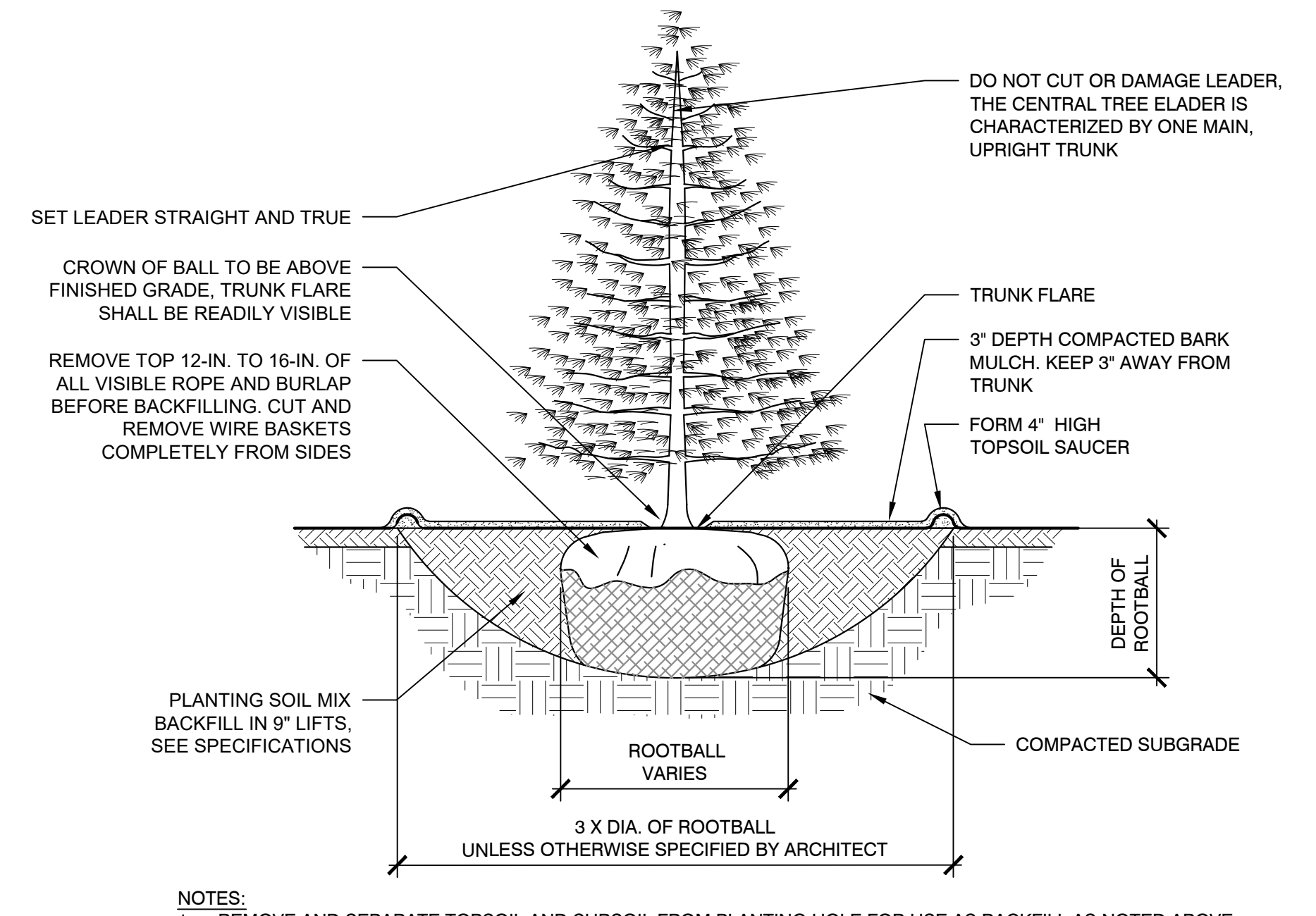
LEGEND

- LIMIT OF WORK
- - - PROPERTY LINE
- LOAM AND SEED, TYP.
- CRUSHED STONE
- SHRUBS AND PERENNIAL MIX PLANTING
- PERENNIAL PLANTING
- PROPOSED DECIDUOUS TREES
- PROPOSED ORNAMENTAL TREE
- PROPOSED EVERGREEN TREES

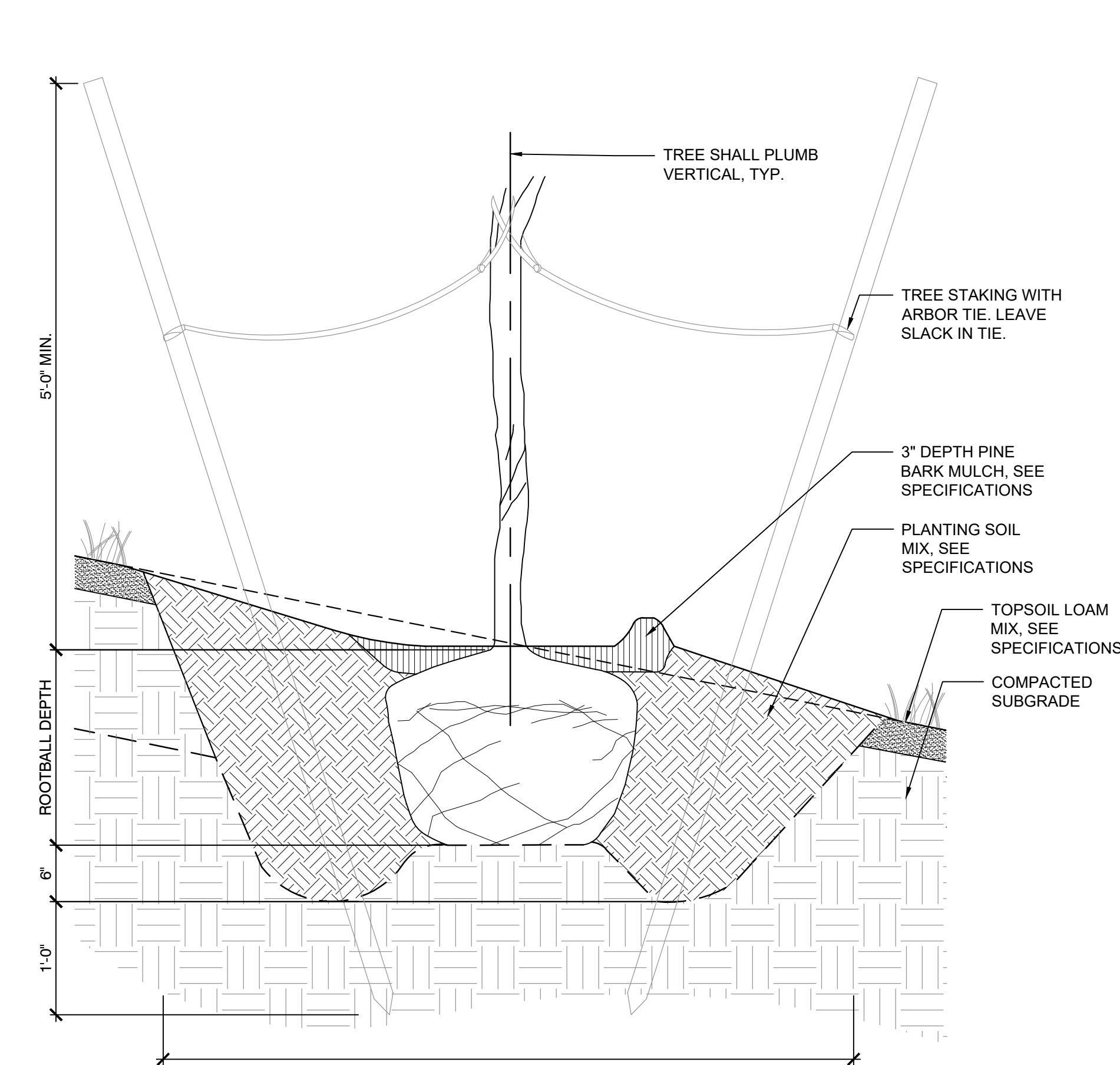
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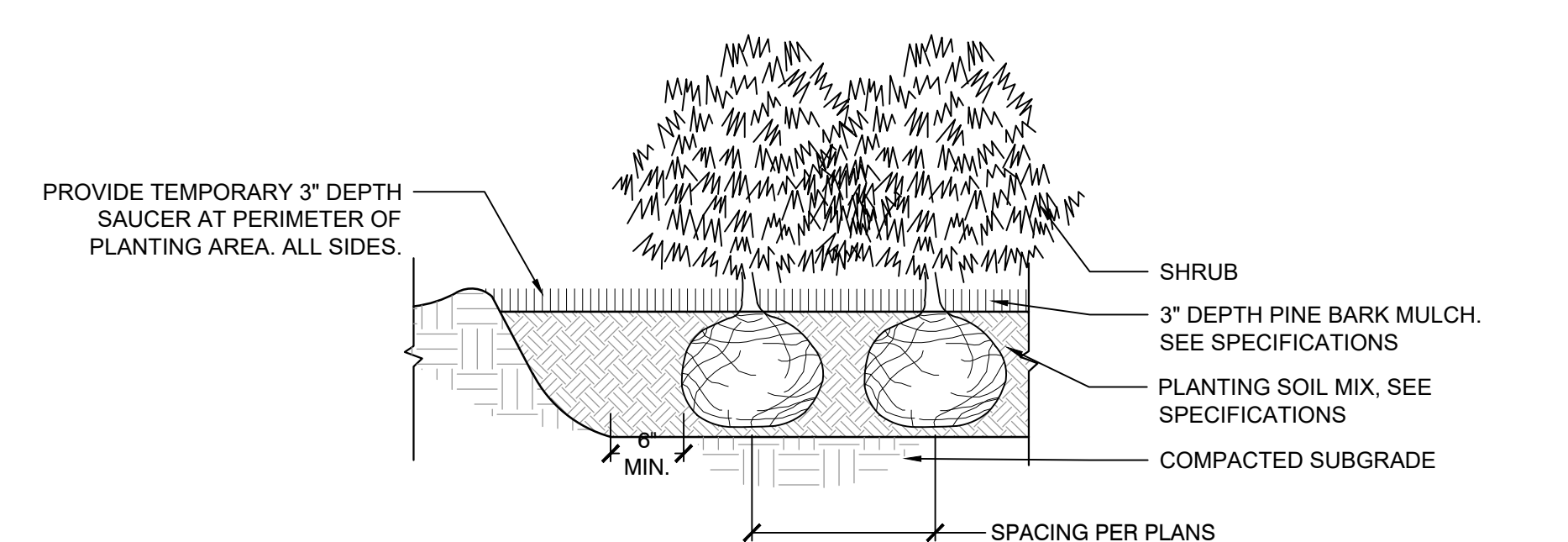
1 TREE PLANTING - DECIDUOUS
SCALE: N.T.S.



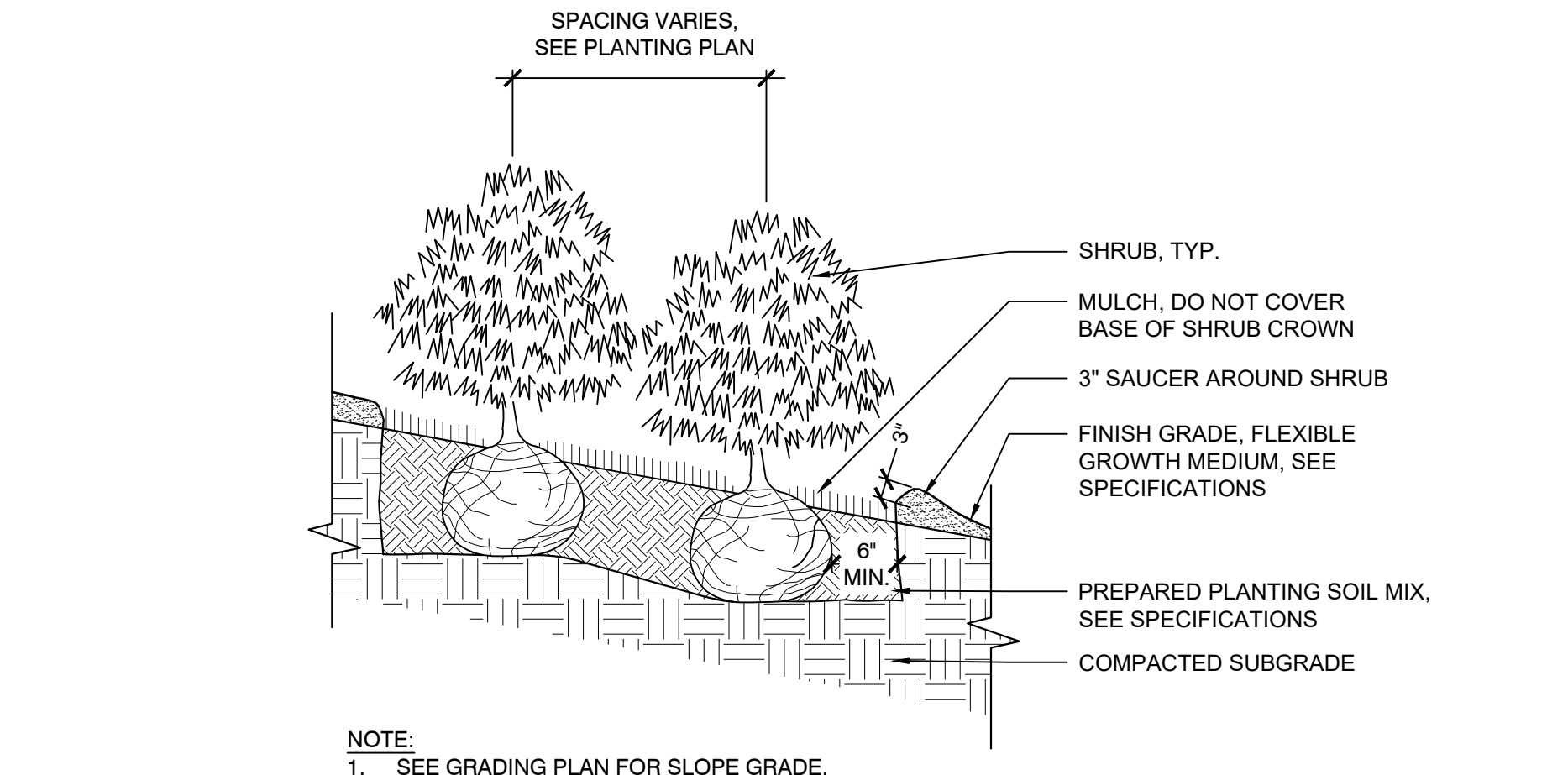
2 TREE PLANTING - EVERGREEN
SCALE: N.T.S.



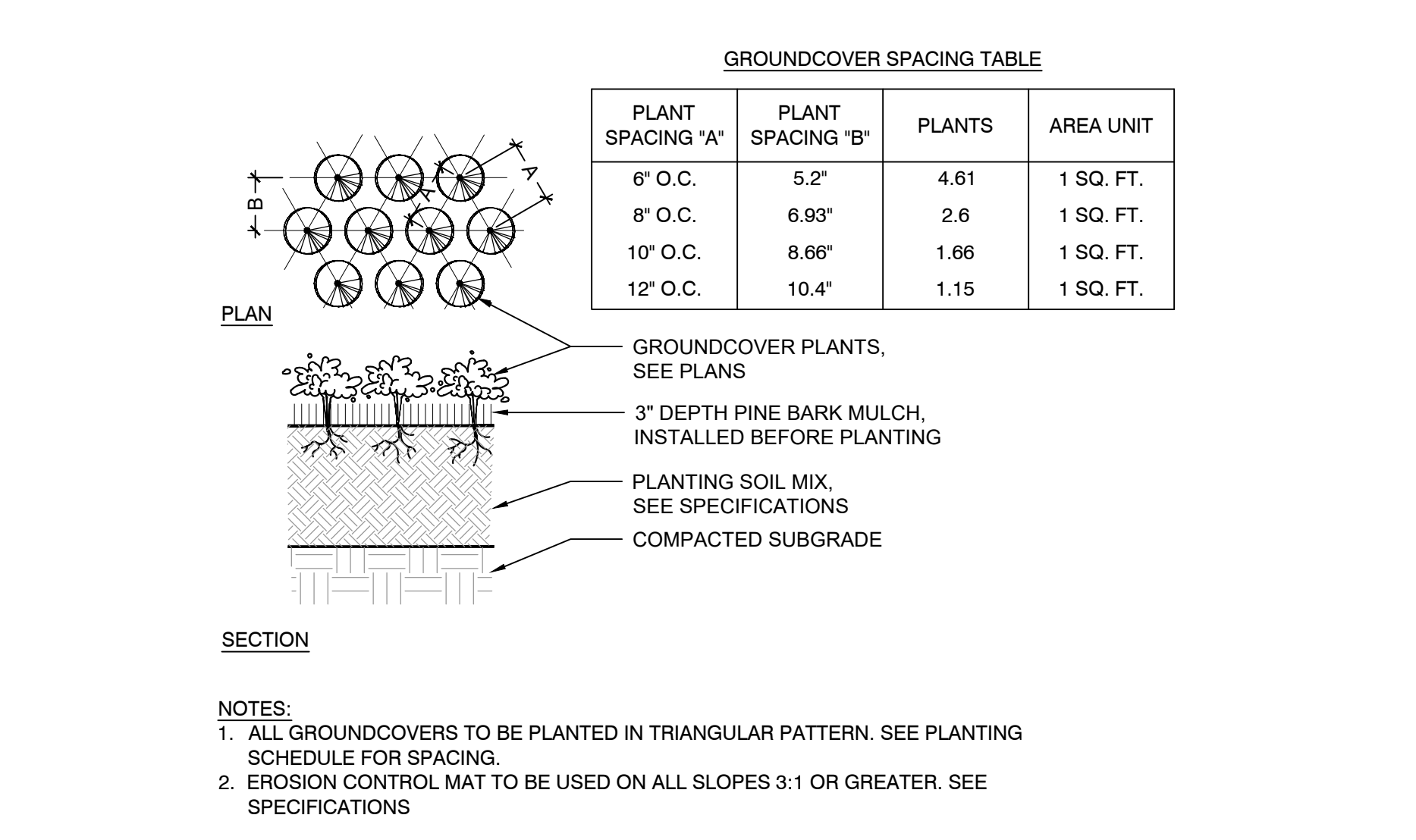
3 TREE PLANTING ON SLOPE
SCALE: N.T.S.



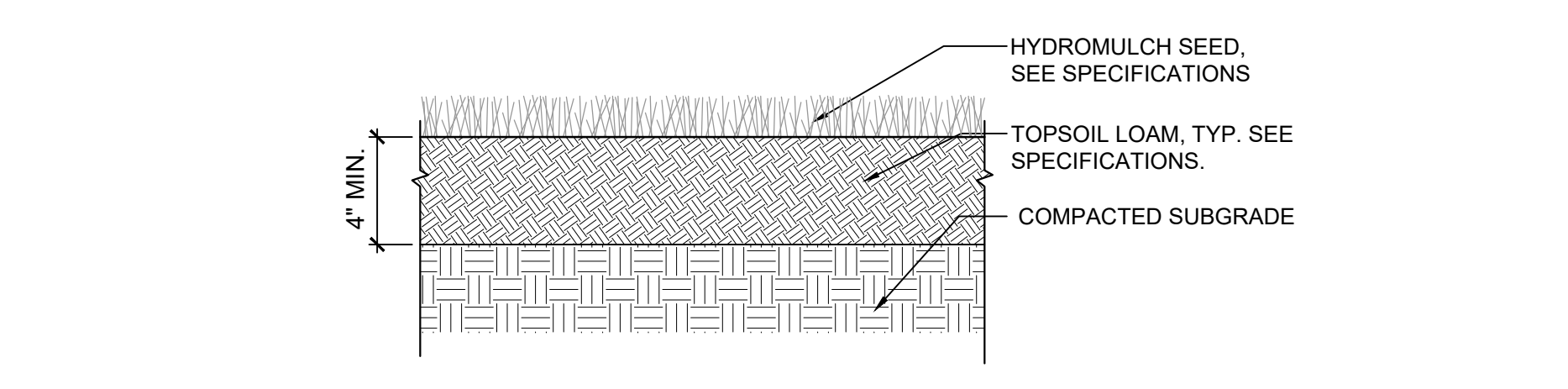
4 SHRUB PLANTING
SCALE: N.T.S.



5 SHRUB PLANTING ON SLOPE
SCALE: N.T.S.



6 GROUNDCOVER PLANTING
SCALE: N.T.S.



7 LOAM AND SEED
SCALE: N.T.S.

Walnut Street Affordable Housing

FOXBOROUGH, MA 02035 PROJECT

The Walnut Street Joint Venture Group

536 GRANITE ST
BRAintree, MA 02184
P 000 000 0000 F 000 000 0000

OWNER

utile
ARCHITECTURE + URBAN DESIGN

115 KINGSTON ST
BOSTON, MA 02111
P 617 423.7200 F 617 423.1414
utiledesign.com ARCHITECT

Weston & Sampson
85 DEVONSHIRE STREET, THIRD FLOOR
BOSTON, MA 02109
P 978 532.1900 CIVIL & LANDSCAPE

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LANCASTER, MA 01523
P 978 870.5674 CODE

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311 GREAT ROAD
P.O. BOX #1551
LITTLETON, MA 01460
P 978 964.5477 M/E/P/F/P

KALIN ASSOCIATES
1121 WASHINGTON STREET
NEWTON, MA 02465
P 617 964.5477 SPECIFICATIONS

RSE ASSOCIATES
63 PLEASANT STREET
WATERTOWN, MA 02472
P 978 926.9300 STRUCTURAL

STAMP

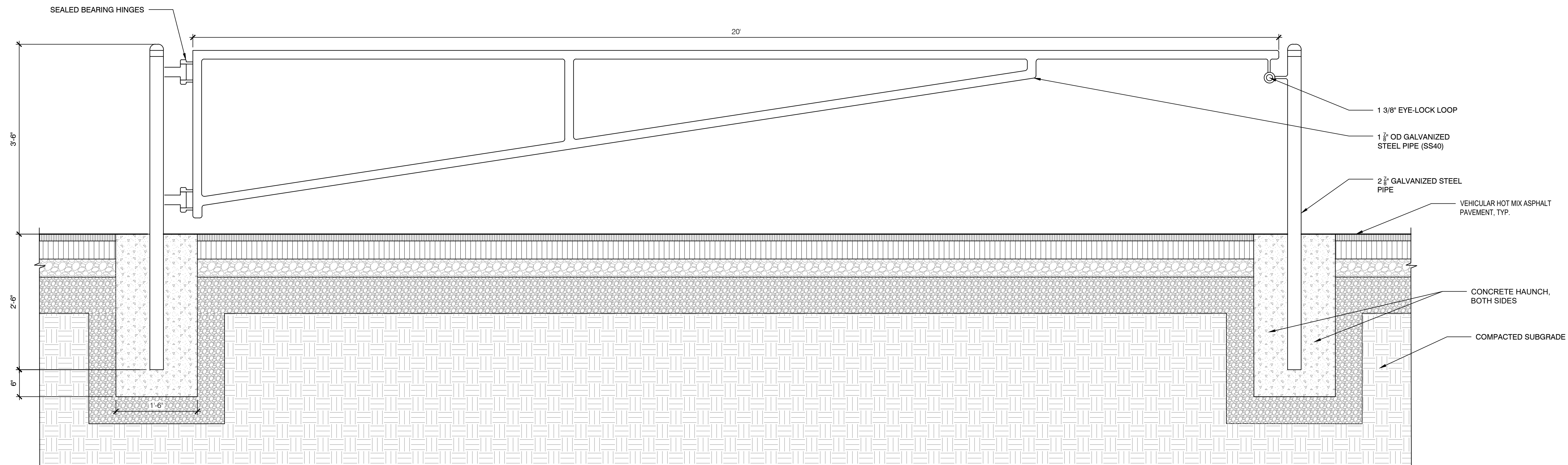
DATE	REVISION

REVISIONS ON SHEET

LANDSCAPE DETAILS

SCALE UTILITE PROJECT NUMBER 2212

L500



NOTES:
 1. INCLUDE HOLD-OPEN POST FOR GATE, SEE LOCATION ON PLANS.

1
 20' WIDE SWING GATE
 SCALE: N.T.S.

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