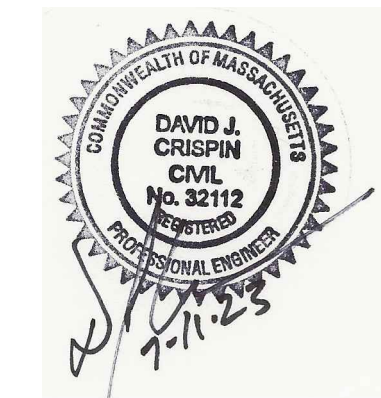
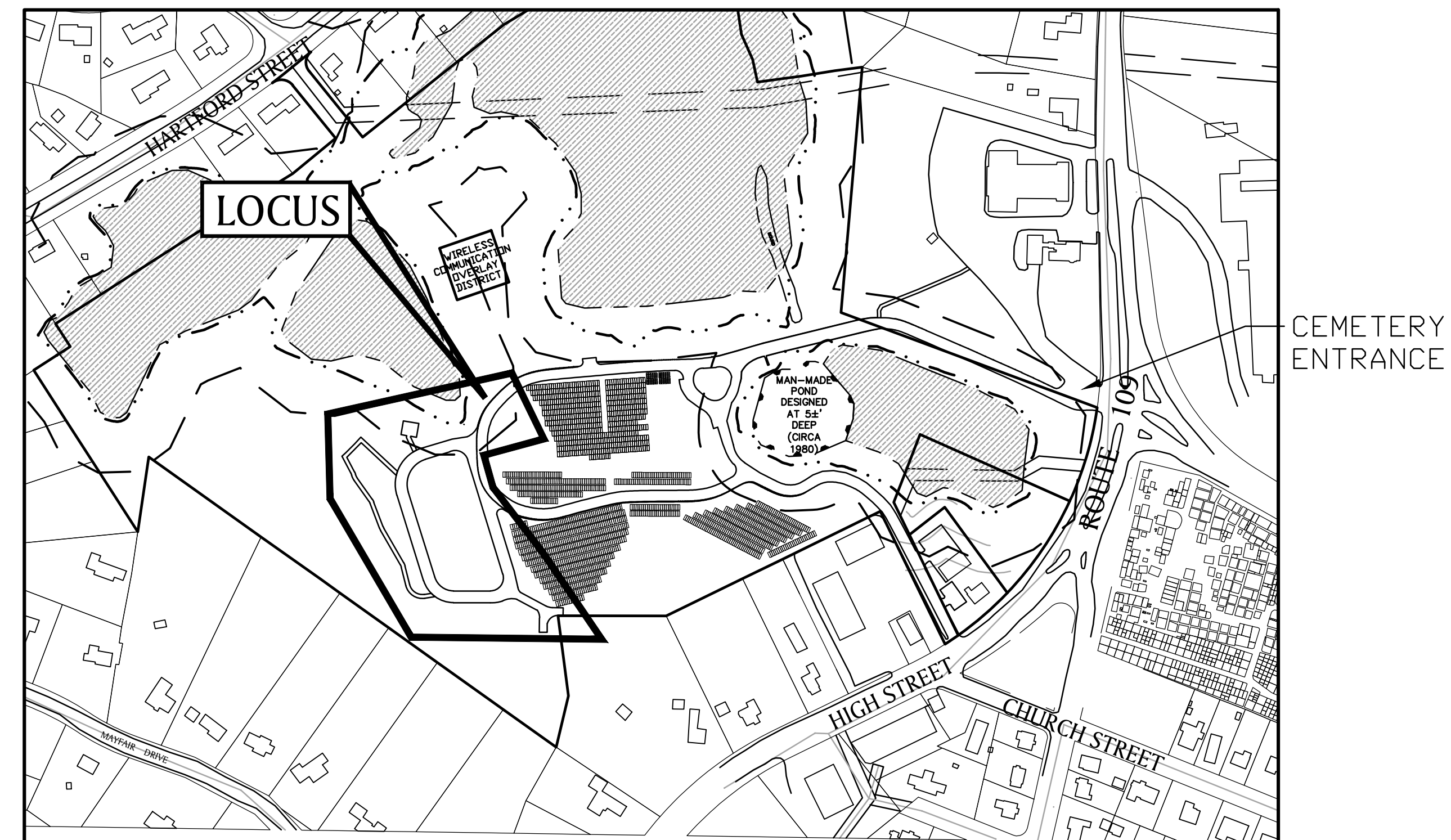


PHASE II EXPANSION AT NEW WESTWOOD CEMETERY OFF HIGH STREET WESTWOOD, MASSACHUSETTS

OCTOBER 10, 2023

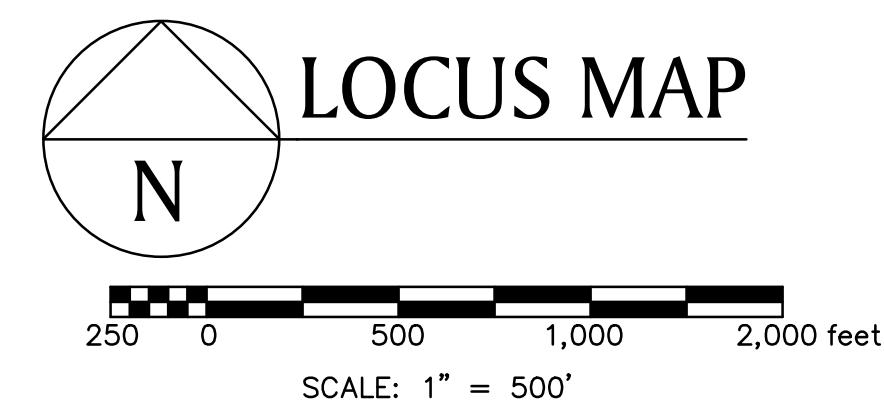


EXISTING	DESC.	PROPOSED
BIT CONC	BITUMINOUS CONCRETE	BIT CONC
	CATCH BASIN	
CONC	CONCRETE	
	DRAIN MANHOLE	
	HYDRANT	
R=	RIM ELEVATION	R=
	SIGN	
SQ. FT.	SQUARE FEET	
	WATER GATE	
	WATER LINE	
	DRAIN LINE	
PVC	POLYVINYL CHLORIDE PIPE	PVC
CONC	HIGH DENSITY POLYETHYLENE PIPE CONCRETE	HDPE
	MINOR CONTOUR	
	MAJOR CONTOUR	
	SPOT GRADE	
	WETLAND BOUNDARY	
	TREE LINE	
	SOIL TEST PITS	
	PIEZOMETER	
	TREE	
	LEDGE OUT CROP	
	HEADSTONE	
	LIMIT OF WORK	
	FAUCET	
	OBELISK	
	AREA OF SCREENED SOILS	
	AREA OF STONE TAILING PLACEMENT	
N.I.C.	N.I.C.	NOT IN CONTRACT



INDEX OF DRAWINGS

- 1 TITLE SHEET
- 2 EXISTING CONDITIONS PLAN
- 3 SITE PREPARATION AND EROSION CONTROL PLAN
- 4 LAYOUT & MATERIALS PLAN
- 5 GRAVE LAYOUT PLAN
- 6 GRADING AND UTILITIES PLAN
- 7 SITE PROFILE
- 8 PLANTING PLAN
- 9-12 SITE DETAILS



PREPARED FOR/OWNED BY:
WESTWOOD PUBLIC WORKS
HIGHWAYS AND GROUNDS
50 CARBY STREET
WESTWOOD, MA 02090

SEE ORDER OF CONDITIONS ISSUED BY
TOWN OF WESTWOOD CONSERVATION
COMMISSION, DEP FILE #: 338-0758
DATED: 07/12/2023

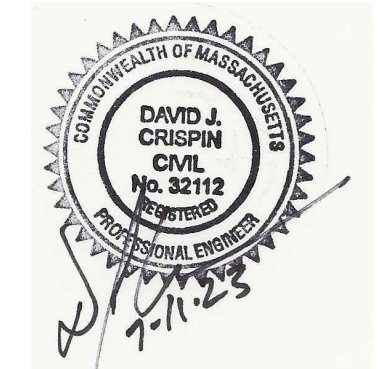
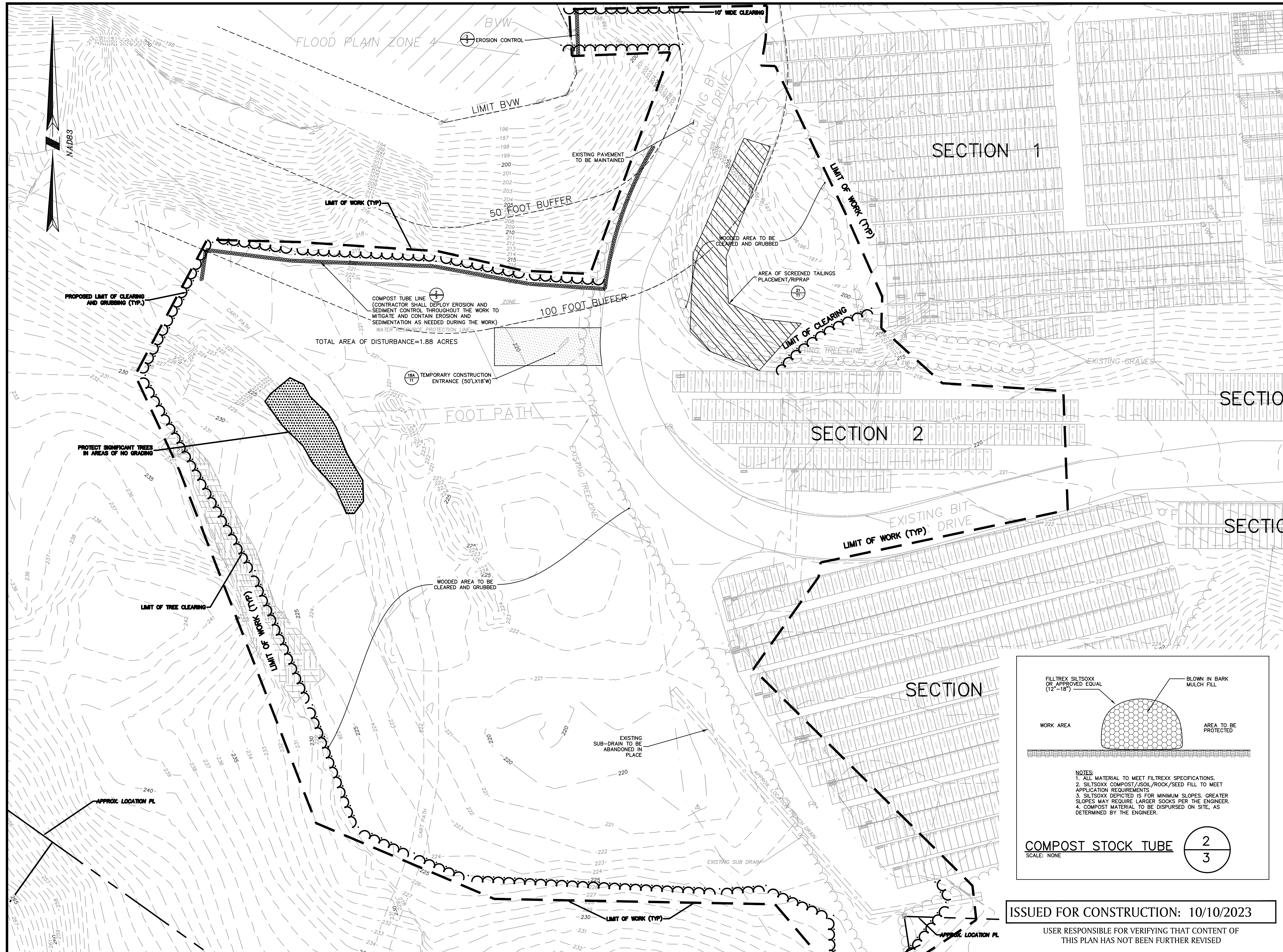
ISSUED FOR CONSTRUCTION: 10/10/2023

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CONTRACT #: DPW-24-B-004

PREPARED BY:

BSC GROUP
803 Summer Street
Boston, Massachusetts
02127
617 896 4300



DAVID J. CRISPIN
PROFESSIONAL ENGINEER

**PHASE II
EXPANSION
AT
NEW WESTWOOD
CEMETERY
OFF
HIGH STREET
IN
WESTWOOD
MASSACHUSETTS
(NORFOLK COUNTY)**

**SITE PREPARATION AND
EROSION CONTROL PLAN**

OCTOBER 10, 2023

CONTRACT #: DPW-24-B-004

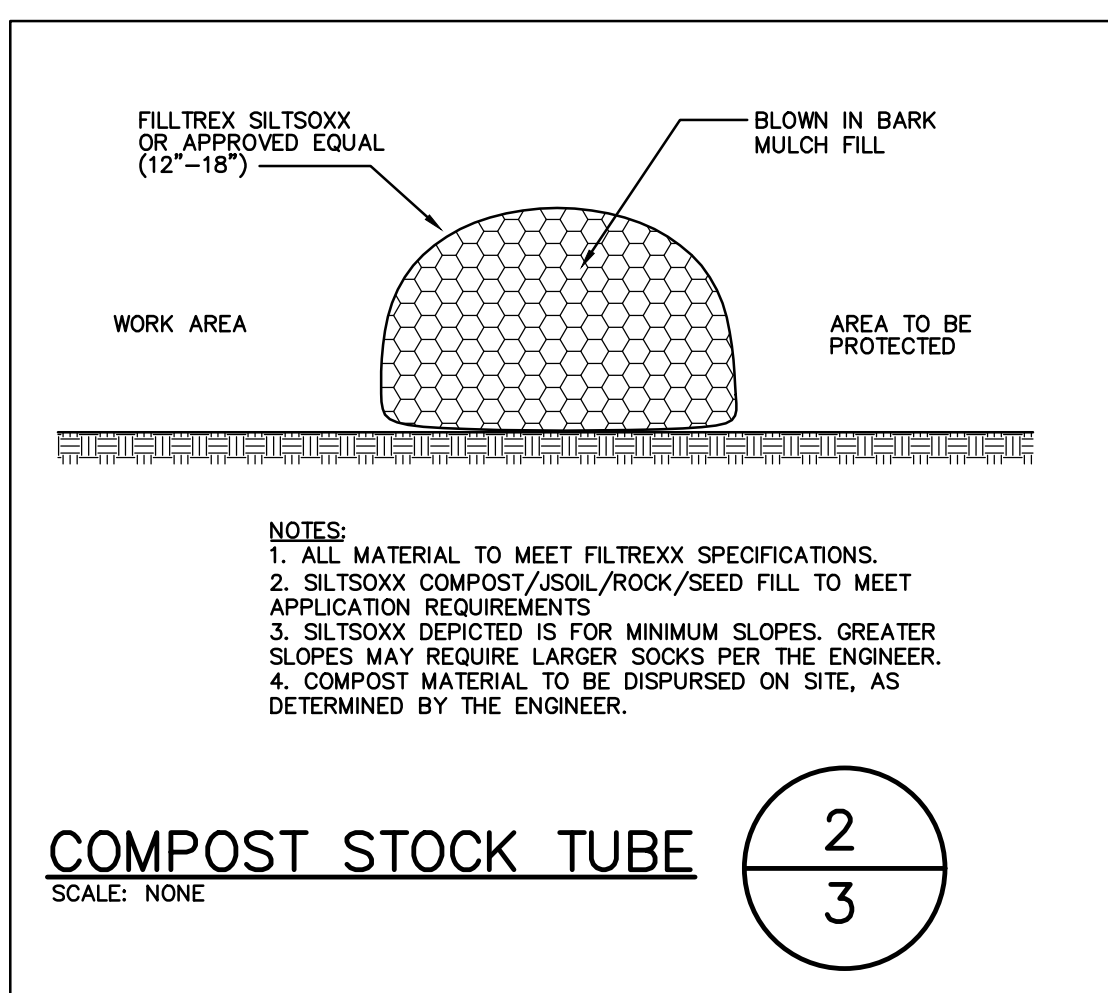
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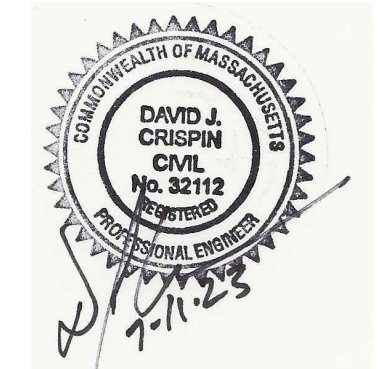
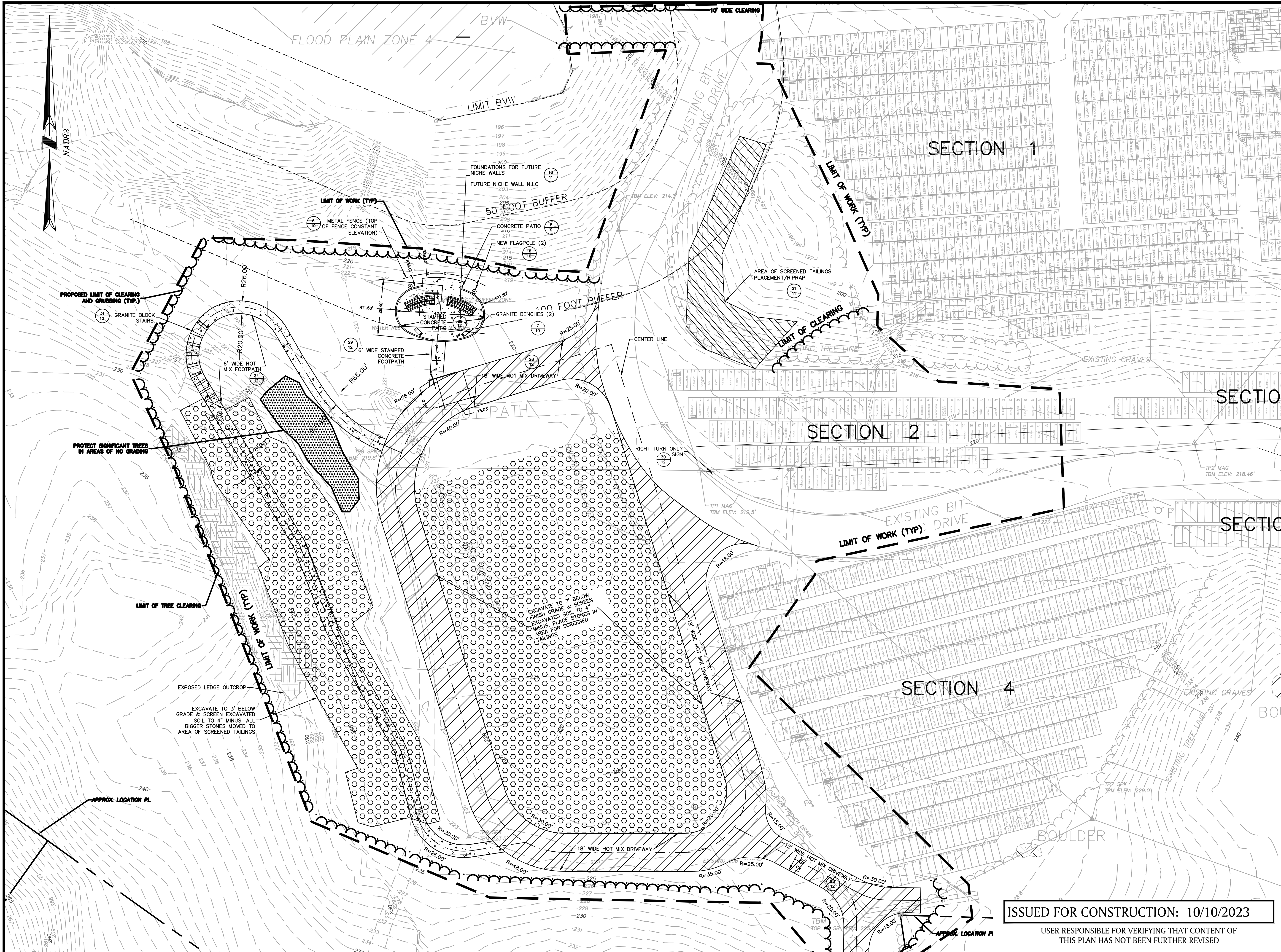
© 2023 BSC Group, Inc.
SCALE: 1" = 20'
FILE: PRJ-BOS/23231.01/C/D/2323101-SP
DWG.: SITE PLAN SHEET 3 OF 12
JOB. NO: 2-3231.01



- NOTES:
1. ALL MATERIAL TO MEET FILLTREX SPECIFICATIONS.
 2. SILTISOXX COMPOST/JSOIL/ROCK/SEED FILL TO MEET APPLICATION REQUIREMENTS.
 3. SILTISOXX DEPICTED IS FOR MINIMUM SLOPES. GREATER SLOPES MAY REQUIRE LARGER SOCKS PER THE ENGINEER.
 4. COMPOST MATERIAL TO BE DISPURSED ON SITE, AS DETERMINED BY THE ENGINEER.

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MASSACHUSETTS
(NORFOLK COUNTY)**

**LAYOUT &
MATERIALS PLAN**

OCTOBER 10, 2023

CONTRACT #: DPW-24-B-004

REVISIONS:

NO.	DATE	DESC.

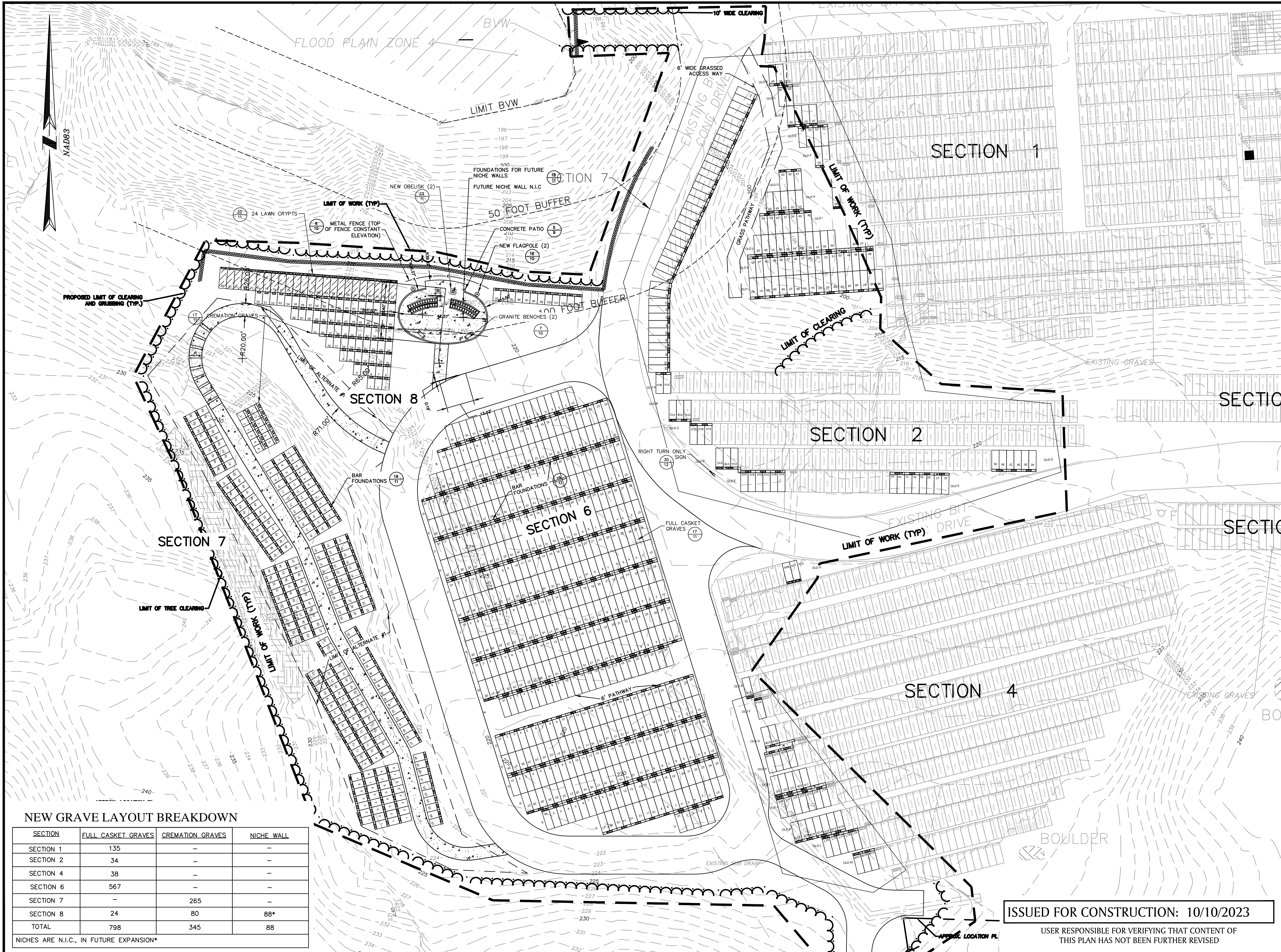
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SCALE: 1" = 20'
0 10 20 40 FEET
FILE: PRJ-BOS/23231.01/C/D/2323101-SP
DWG.: SITE PLAN SHEET 4 OF 12
JOB. NO: 2-3231.01

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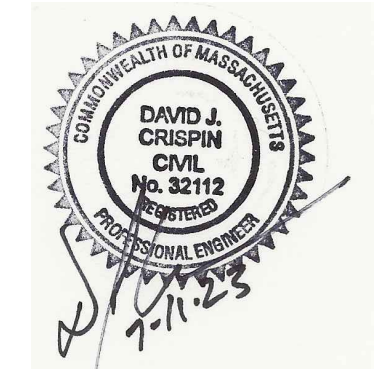
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NEW GRAVE LAYOUT BREAKDOWN

SECTION	FULL CASSET GRAVES	CREMATION GRAVES	NICHE WALL
SECTION 1	135	-	-
SECTION 2	34	-	-
SECTION 4	38	-	-
SECTION 6	567	-	-
SECTION 7	-	265	-
SECTION 8	24	80	88*
TOTAL	798	345	88

NICHES ARE N.I.C., IN FUTURE EXPANSION*



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MASSACHUSETTS
(NORFOLK COUNTY)**

**GRAVE LAYOUT
PLAN**

OCTOBER 10, 2023

CONTRACT #: DPW-24-B-004

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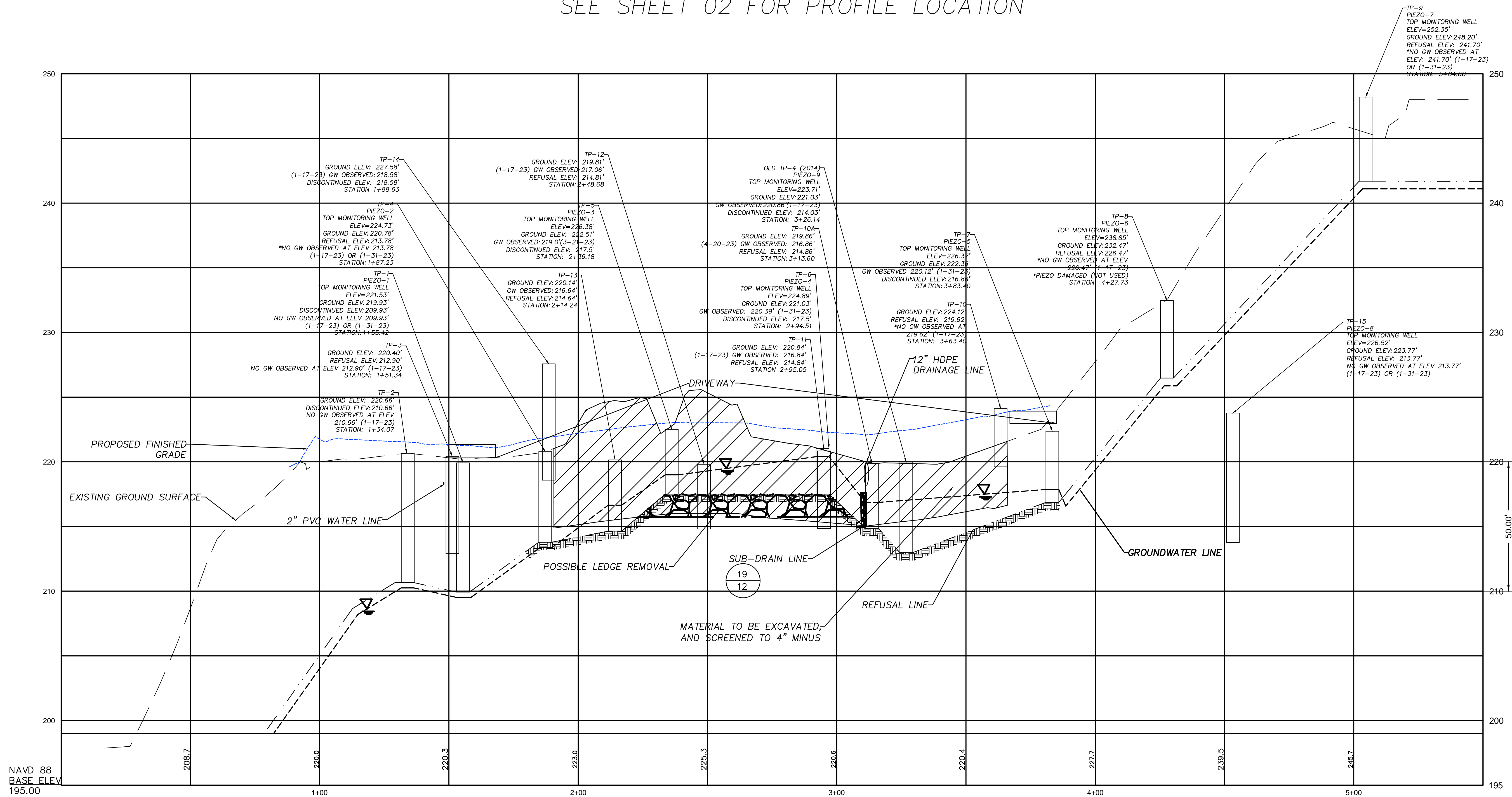
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SCALE: 1" = 20'
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JOB. NO: 2-3231.01

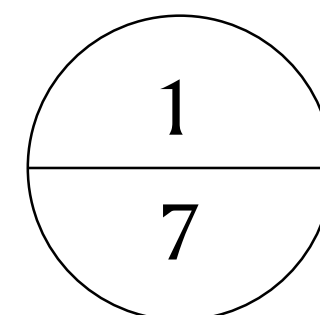
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SEE SHEET 02 FOR PROFILE LOCATION



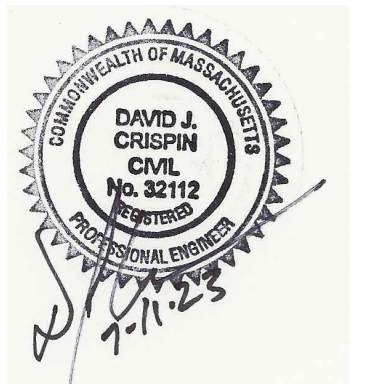
**SECTION A-A
PROFILE VIEW**
HORIZ. SCALE: 1"=20'
VERT. SCALE: 1"=4'



NOTE:
SOME TEST PITS ARE EITHER
SIDE OF PROFILE LINE.

ISSUED FOR CONSTRUCTION: 10/10/2023

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SITE PROFILE

OCTOBER 10, 2023

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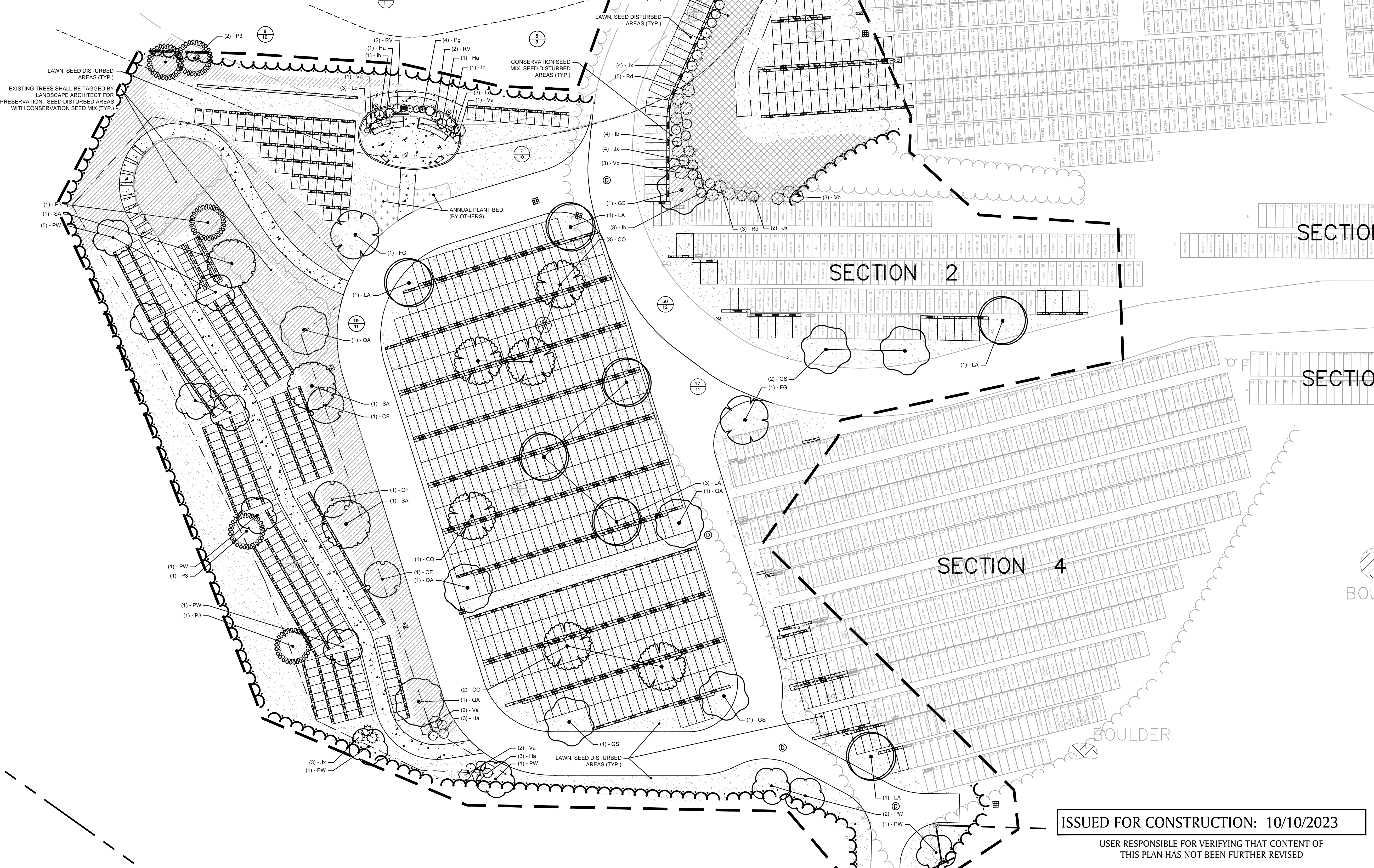
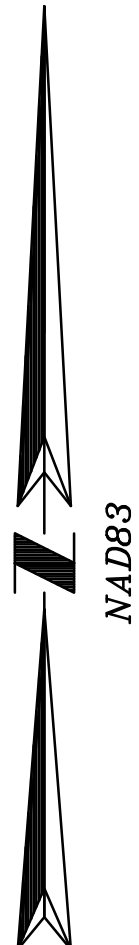
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SCALE: AS SHOWN

FILE: PRJ-BOS/23231.01/C/D/2323101-EC
DWG.: EC
JOB. NO: 2-3231.01 SHEET 7 OF 12

PLANT SCHEDULE

TREES	QTY	BOTANICAL / COMMON NAME	CONT	GAL	HT	REMARKS
CO	6	CARYA OVATA / SHAGBARK HICKORY	B & B	2.5-3" CAL		
CF	3	CORNUS FLORIDA 'APPALACHIAN SNOW' / APPALACHIAN SNOW DOGWOOD	B & B	2.5-3"		
FG	2	FAGUS GRANDIFOLIA / AMERICAN BEECH	B & B	3" CAL		
GS	5	GLEDITSIA TRIACANTHOS INERMIS 'SHADEMASTER' / SHADEMASTER HONEY LOCUST	B & B	3" CAL		
LA	7	LIQUIDAMBAR STYRACIFLUA 'AURORA' / AURORA SWEET GUM	B & B	2.5-3"		
P3	5	PINUS STROBUS	B & B		8-10'	
PW	12	PRUNUS SEROTINA / BLACK CHERRY	B & B	2"-2.5" CALIPER		
QA	4	QUERCUS ALBA / WHITE OAK	B & B	2.5-3"		
SA	3	SASSAFRAS ALBIDUM / SASSAFRAS	B & B	2.5-3" CAL		

SHRUBS	QTY	BOTANICAL / COMMON NAME	CONT	HT.
Ha	8	HYDRANGEA QUERCIFOLIA 'AMETHYST' / AMETHYST OAKLEAF HYDRANGEA	3 GAL	18"-24" HT
lb	15	ILEX GLABRA 'GEM BOX' / GEM BOX INKBERRY	3 GAL	18"-24" HT
Jx	17	JUNIPERUS X 'GREY OWL' / GREY OWL JUNIPER	3 GAL	18"-24" HT
Ld	6	LONICERA DIERVILLA / HONEYSUCKLE	1 GAL	12"-15"
Pg	4	POTENTILLA FRUTICOSA 'GOLDFINGER' / GOLDFINGER BUSH CINQUEFOIL	2" PLUG	
RV	4	RHODODENDRON VISCOSUM 'LEMON DROP' / LEMON DROP SWAMP AZALEA	3 GAL	18"-24" HT
Rd	11	RHODODENDRON X 'DELAWARE VALLEY WHITE' / DELAWARE VALLEY WHITE AZALEA	3 GAL	18"-24" HT
Vb	6	VACCINIUM CORYMBOSUM 'TH-682' / BLUE SUEDE® HIGHBUSH BLUEBERRY	3 GAL	18"-24" HT
Va	6	VIBURNUM CARLISII 'AURORA' / AURORA KOREANSPICE VIBURNUM	3 GAL	18"-24" HT



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PLANTING PLAN

OCTOBER 10, 2023

CONTRACT #: DPW-24-B-004

REVISIONS:

NO.	DATE	DESC.
1	8/29/23	UPDATES TO LAND. PLAN

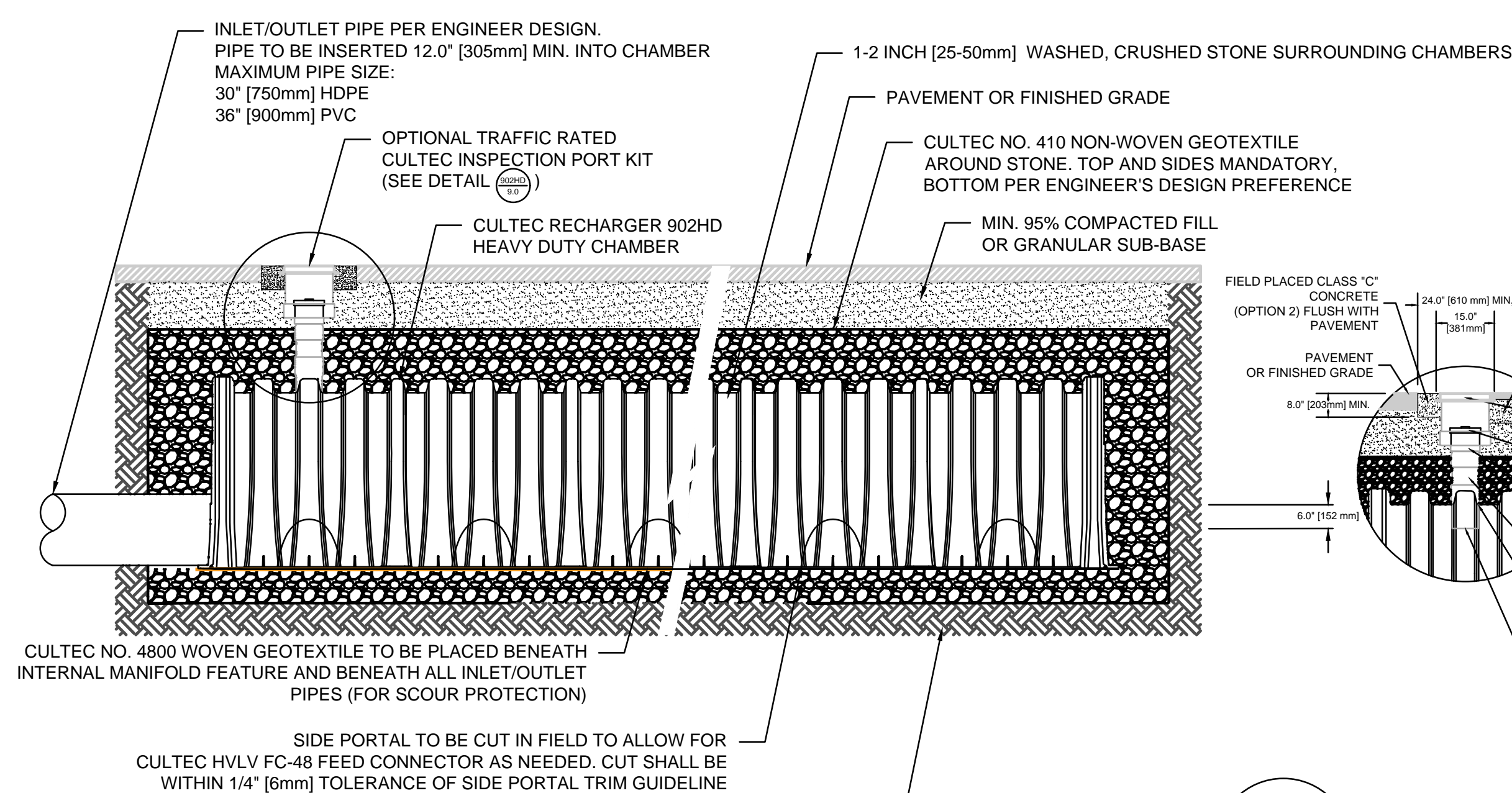
PREPARED FOR:
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HIGHWAYS AND GROUNDS
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SCALE: AS SHOWN
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FILE: PRJ-BOS/23231.01/C/D/2323101-SP
DWG.: LANDSCAPE SHEET 8 OF 12
JOB. NO: 2-3231.01

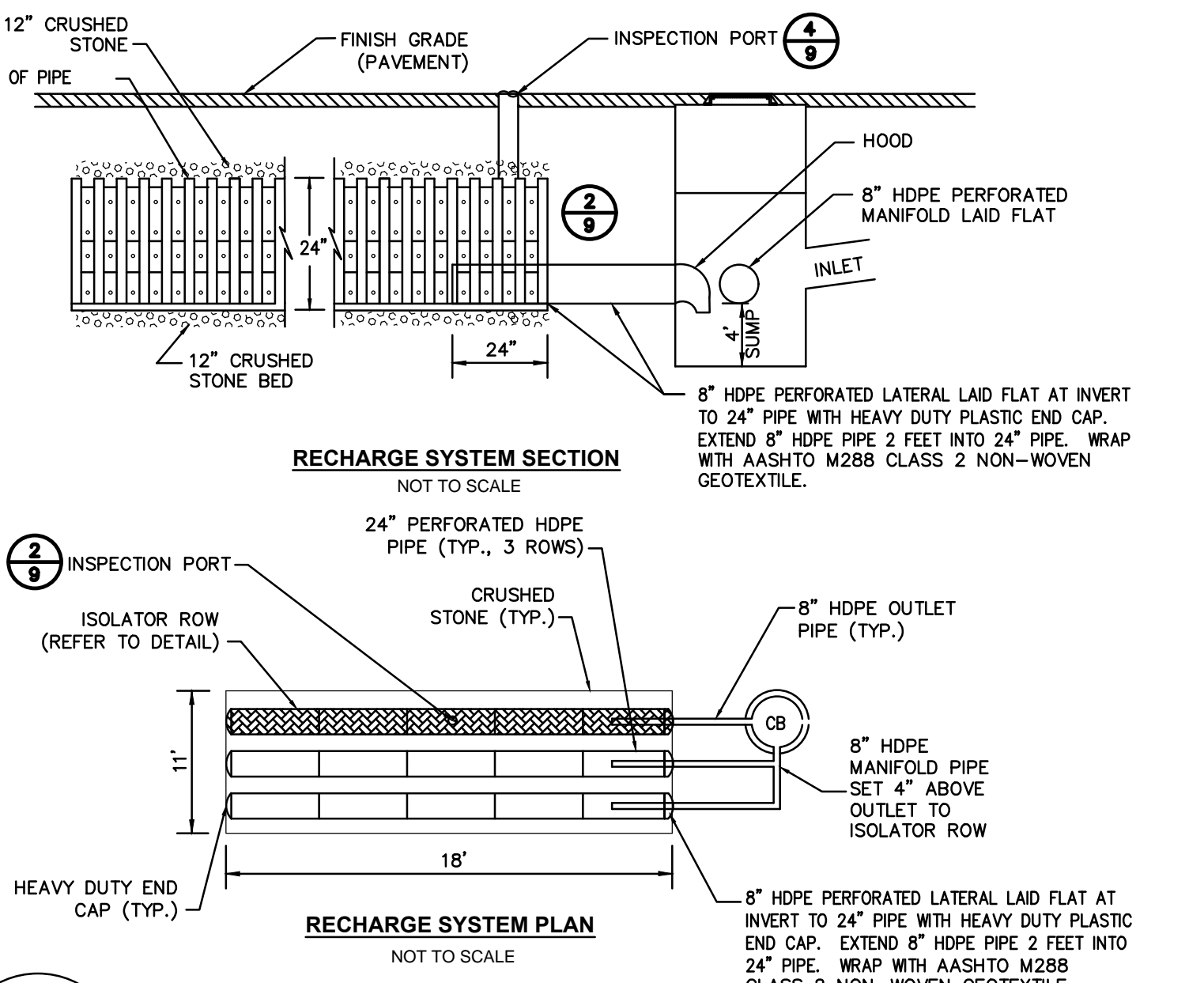
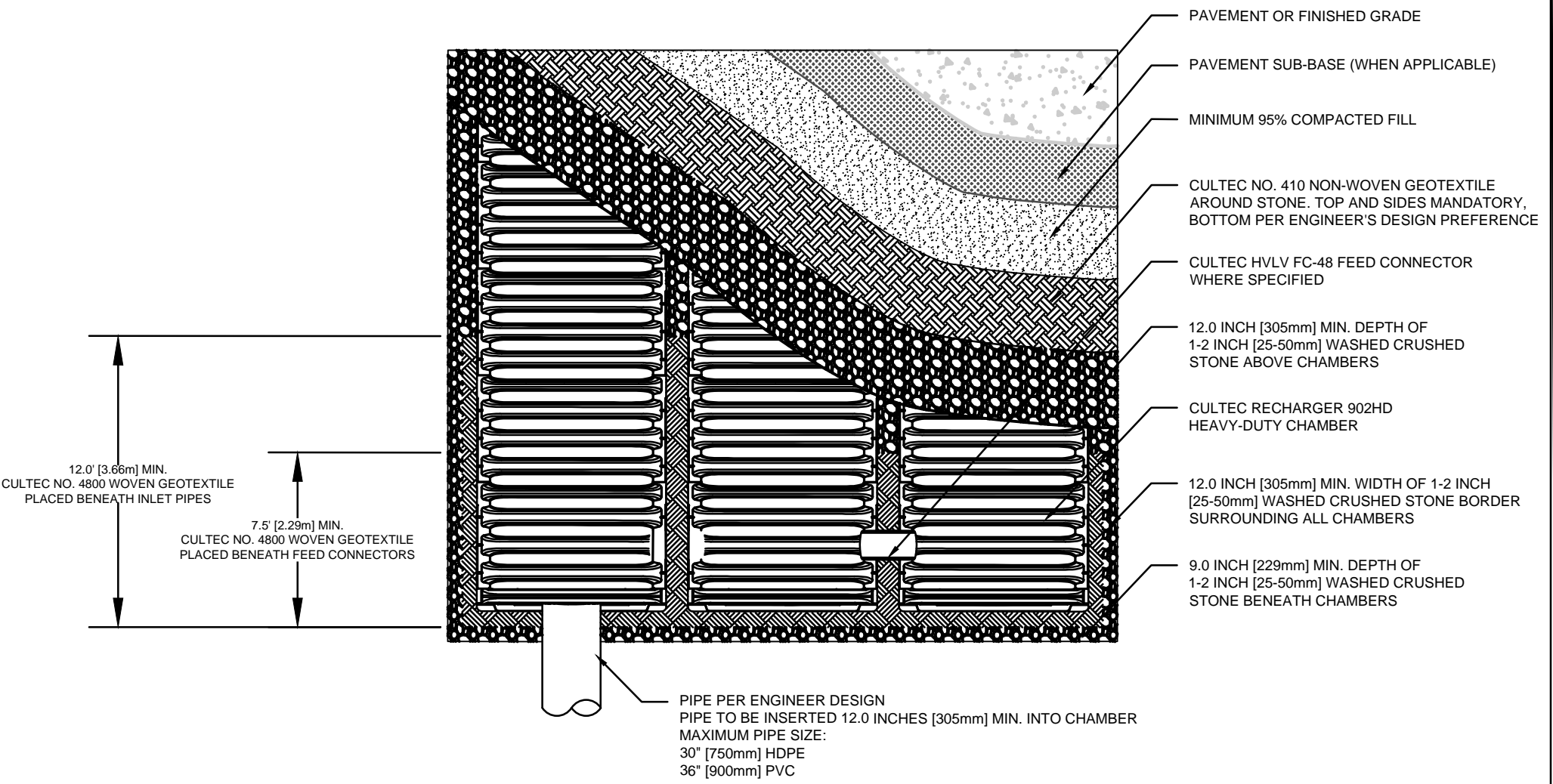
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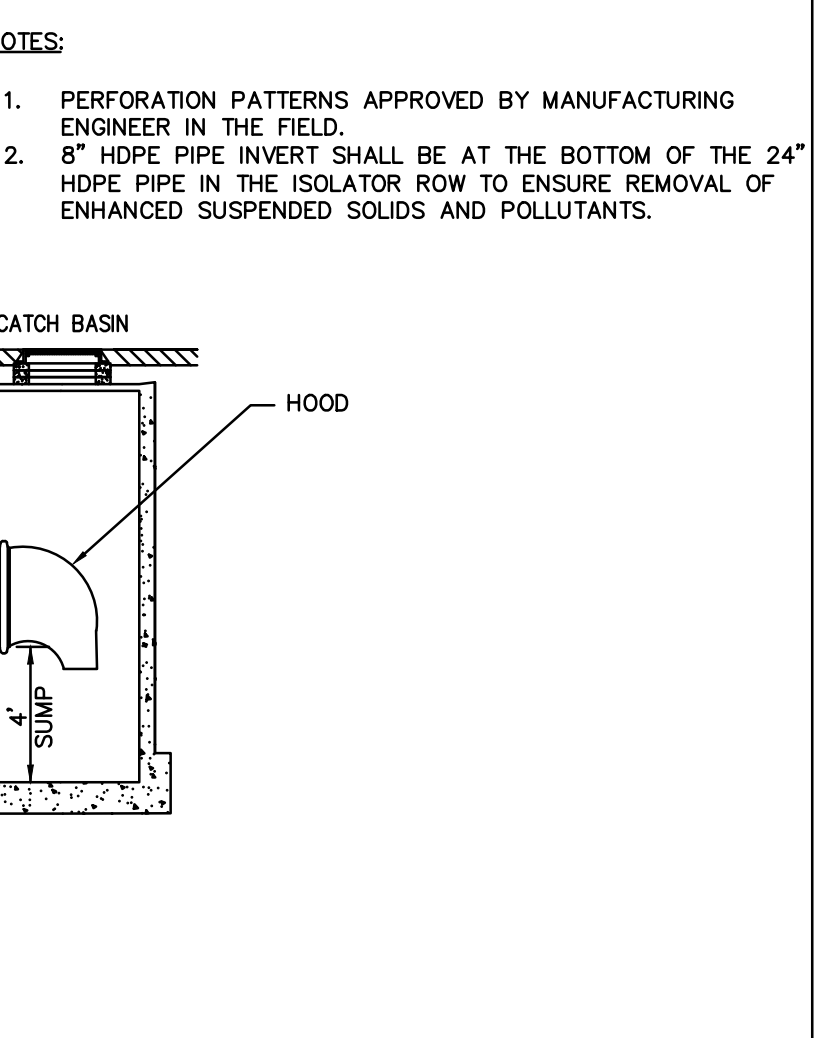


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9 HDPE RECHARGE SYSTEM
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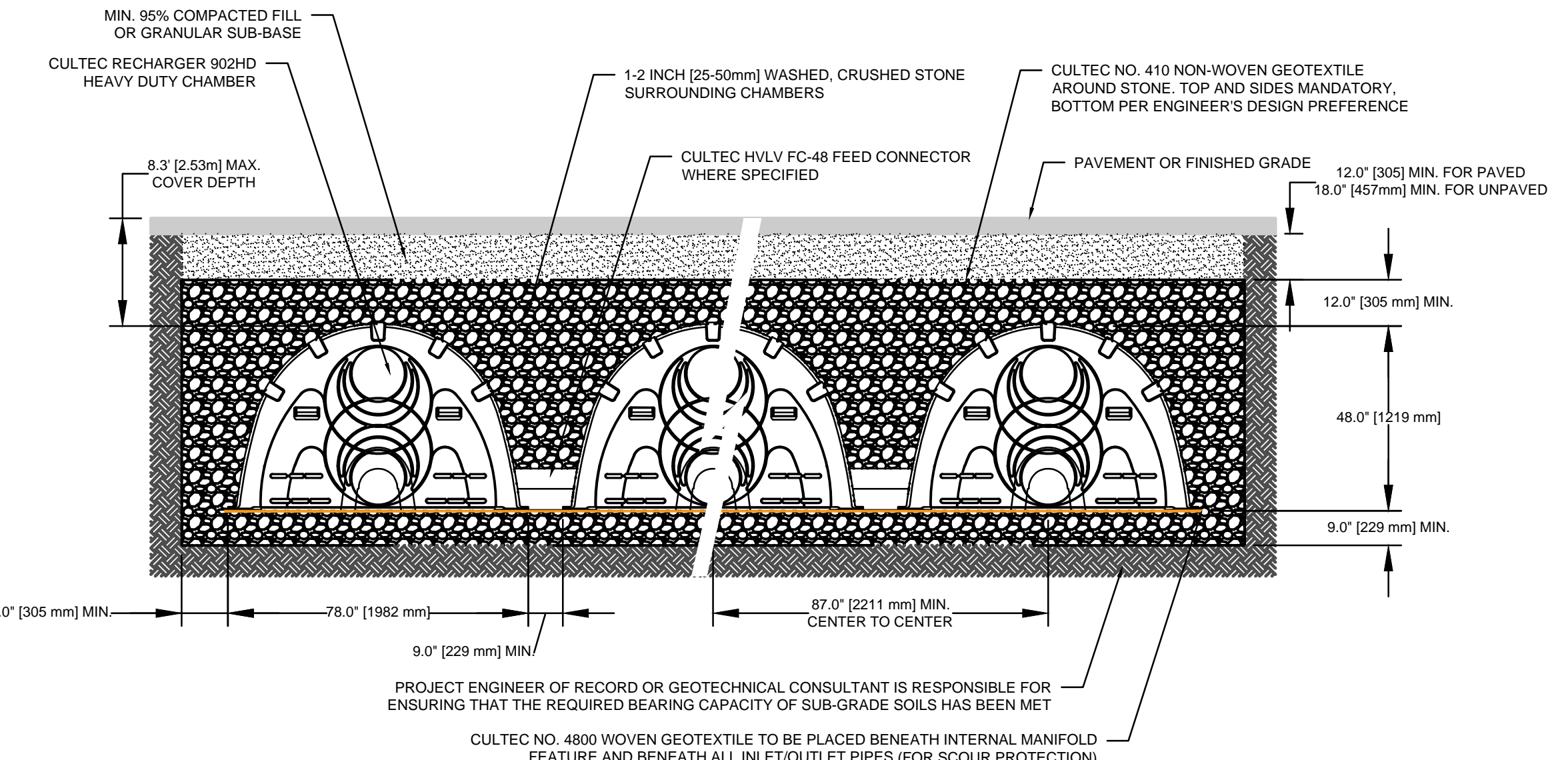
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- THE CHAMBERS SHALL BE DESIGNED AND TESTED IN ACCORDANCE WITH ASTM F2787 "STANDARD PRACTICE FOR STRUCTURAL DESIGN OF THERMOPLASTIC CORRUGATED WALL STORMWATER COLLECTION CHAMBERS." THE LOAD CONFIGURATION SHALL INCLUDE:
 - INSTANTANEOUS AASHTO DESIGN TRUCK LIVE LOAD AT MINIMUM COVER
 - MAXIMUM PERMANENT (50-YEAR) COVER LOAD
 - 1-WEEK PARKED AASHTO DESIGN TRUCK LOAD
 - THE CHAMBERS SHALL MEET THE REQUIREMENTS OF ASTM F3430-20 "STANDARD SPECIFICATION FOR CELLULAR POLYPROPYLENE (PP) CORRUGATED WALL STORMWATER COLLECTION CHAMBERS"
 - THE INSTALLED CHAMBER SYSTEM SHALL PROVIDE RESISTANCE TO THE LOADS AND LOAD FACTORS AS DEFINED IN THE AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS SECTION 12.12. WHEN INSTALLED ACCORDING TO CULTEC'S RECOMMENDED INSTALLATION INSTRUCTIONS, THE STRUCTURAL DESIGN OF THE CHAMBERS SHALL INCLUDE THE FOLLOWING:
 - THE CREEP MODULUS SHALL BE 50-YEAR AS SPECIFIED IN ASTM F3430
 - THE MINIMUM SAFETY FACTOR FOR LIVE LOADS SHALL BE 1.75
 - THE MINIMUM SAFETY FACTOR FOR DEAD LOADS SHALL BE 1.95



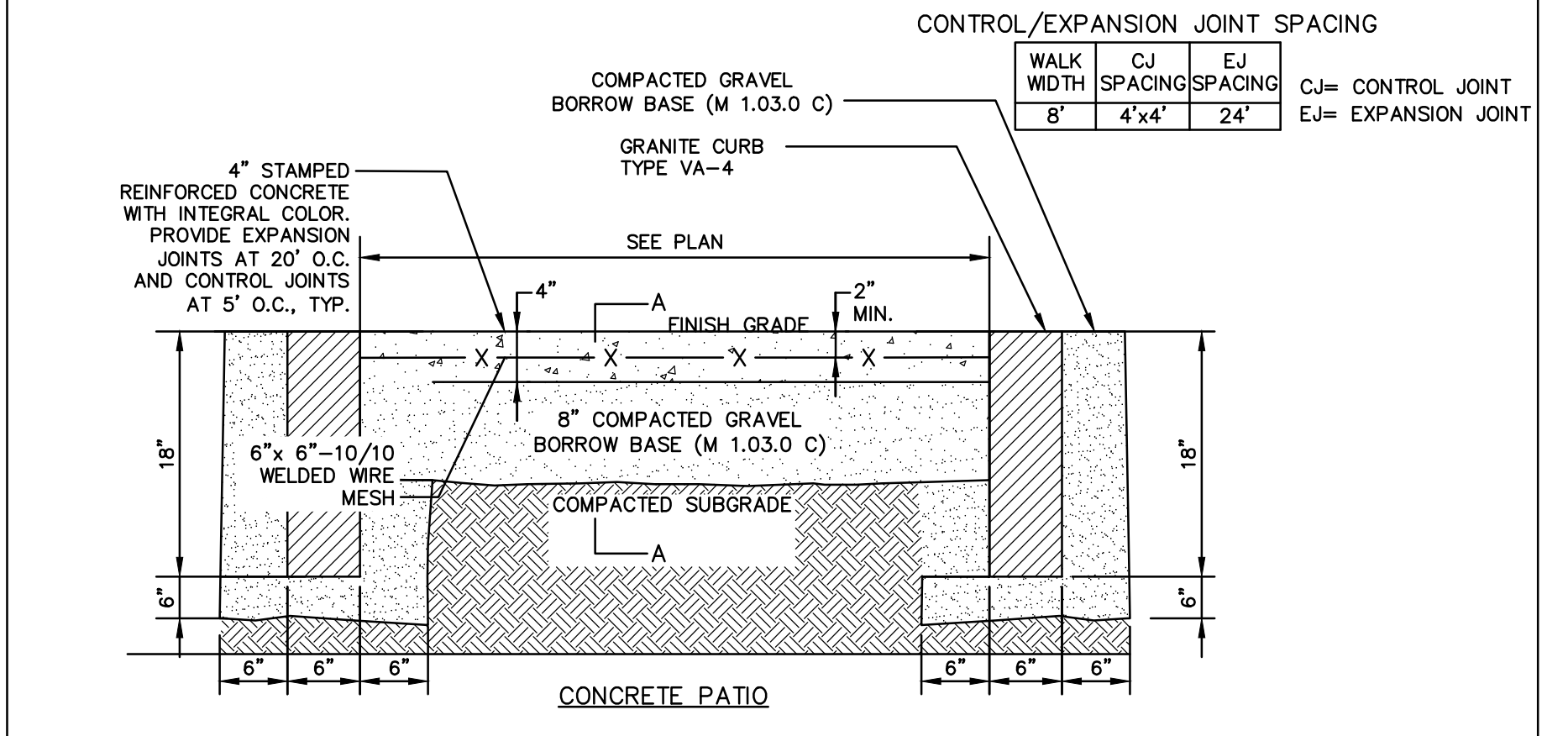
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9 UNDERGROUND STORMWATER INFILTRATION SYSTEM
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4
9 ISOLATOR ROW PROFILE
SCALE: NONE



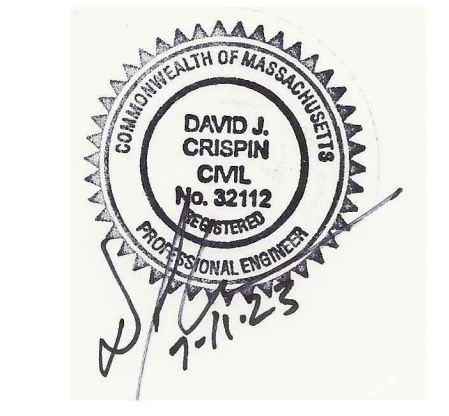
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5
9 CONCRETE PATIO FOUNDATION
SCALE: NONE

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MASSACHUSETTS
(NORFOLK COUNTY)

SITE DETAILS

OCTOBER 10, 2023

CONTRACT #: DPW-24-B-004

REVISIONS:

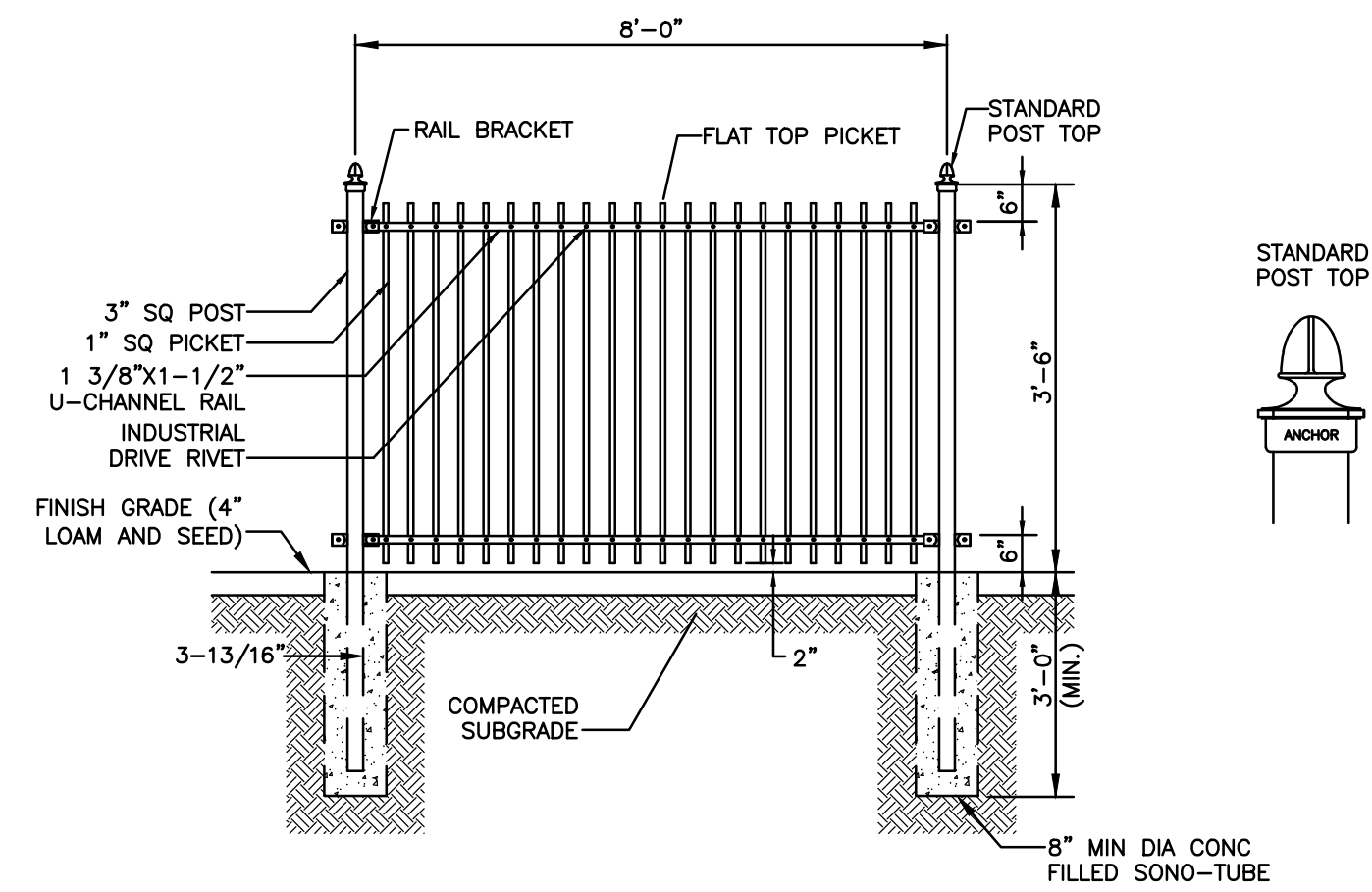
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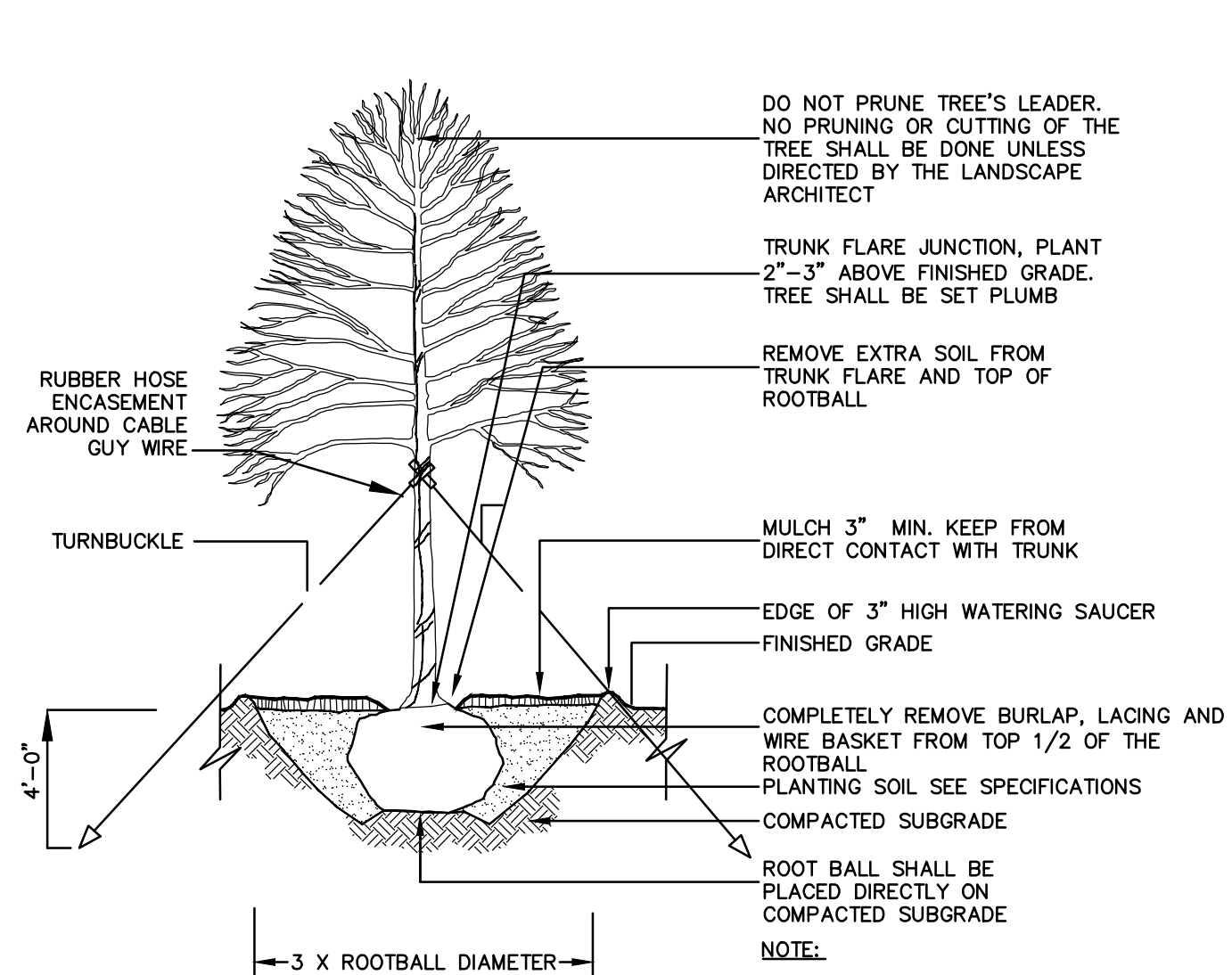
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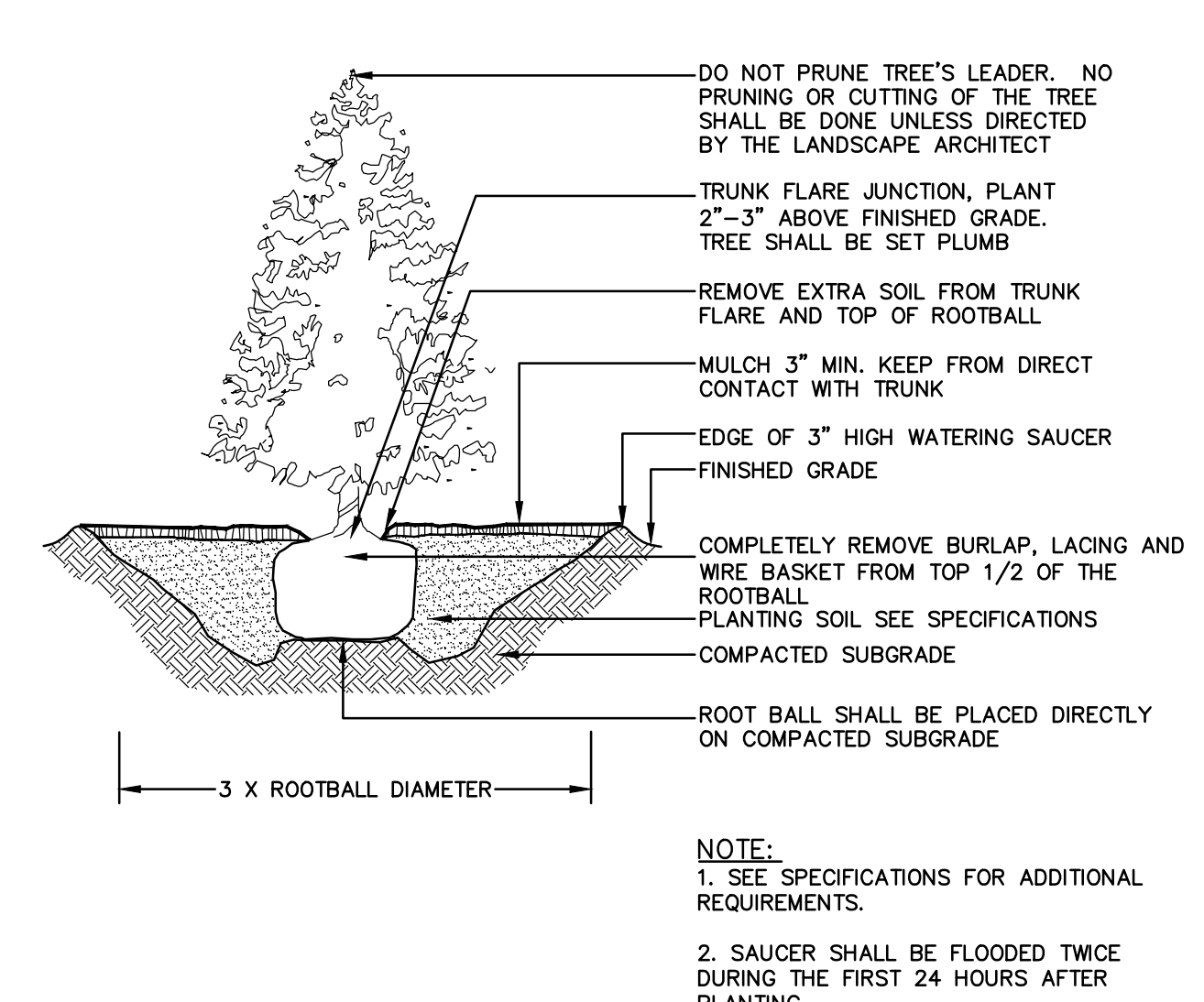
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DWG: SITE DETAILS
JOB: NO: 2-2321.01
SHEET 9 OF 12



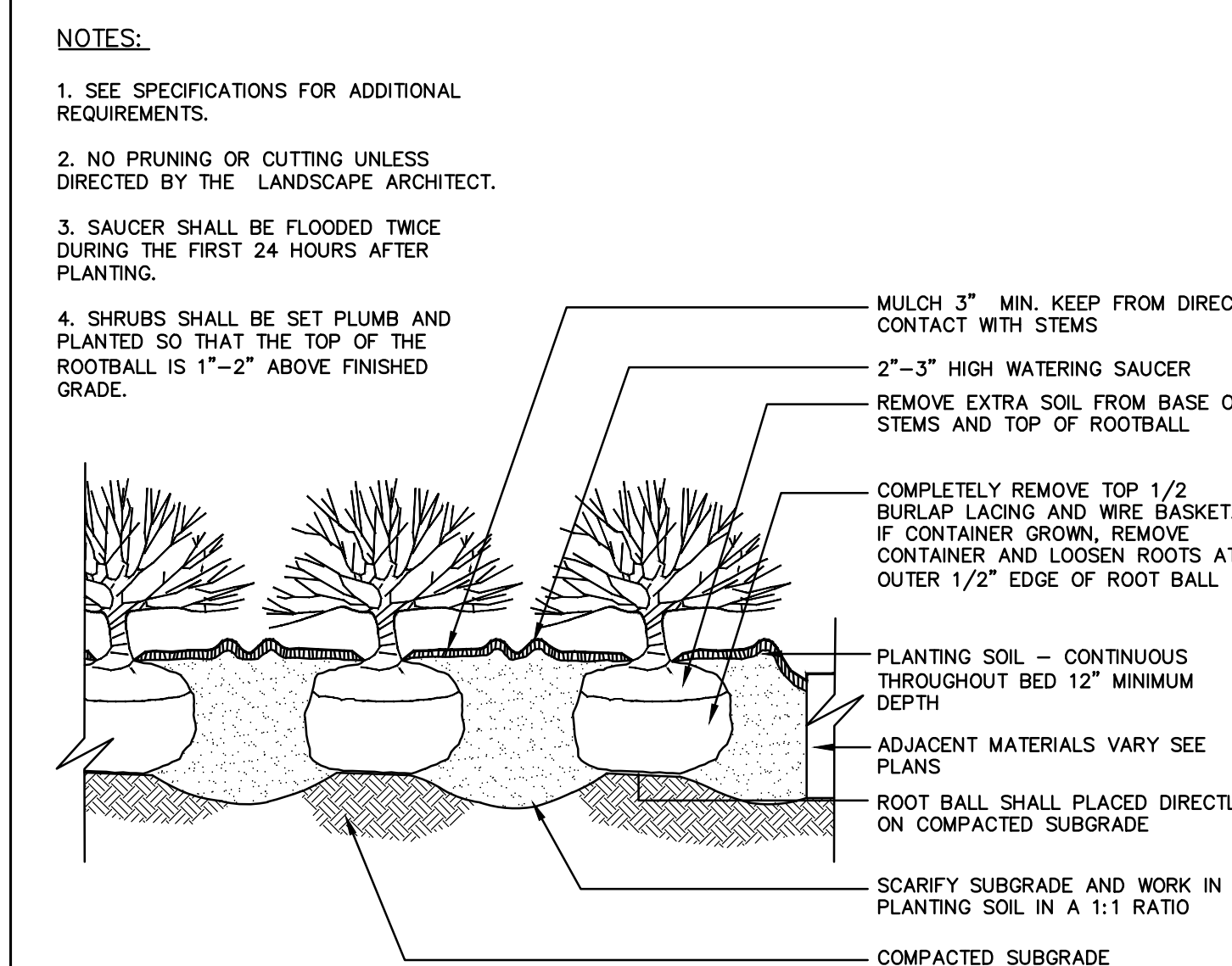
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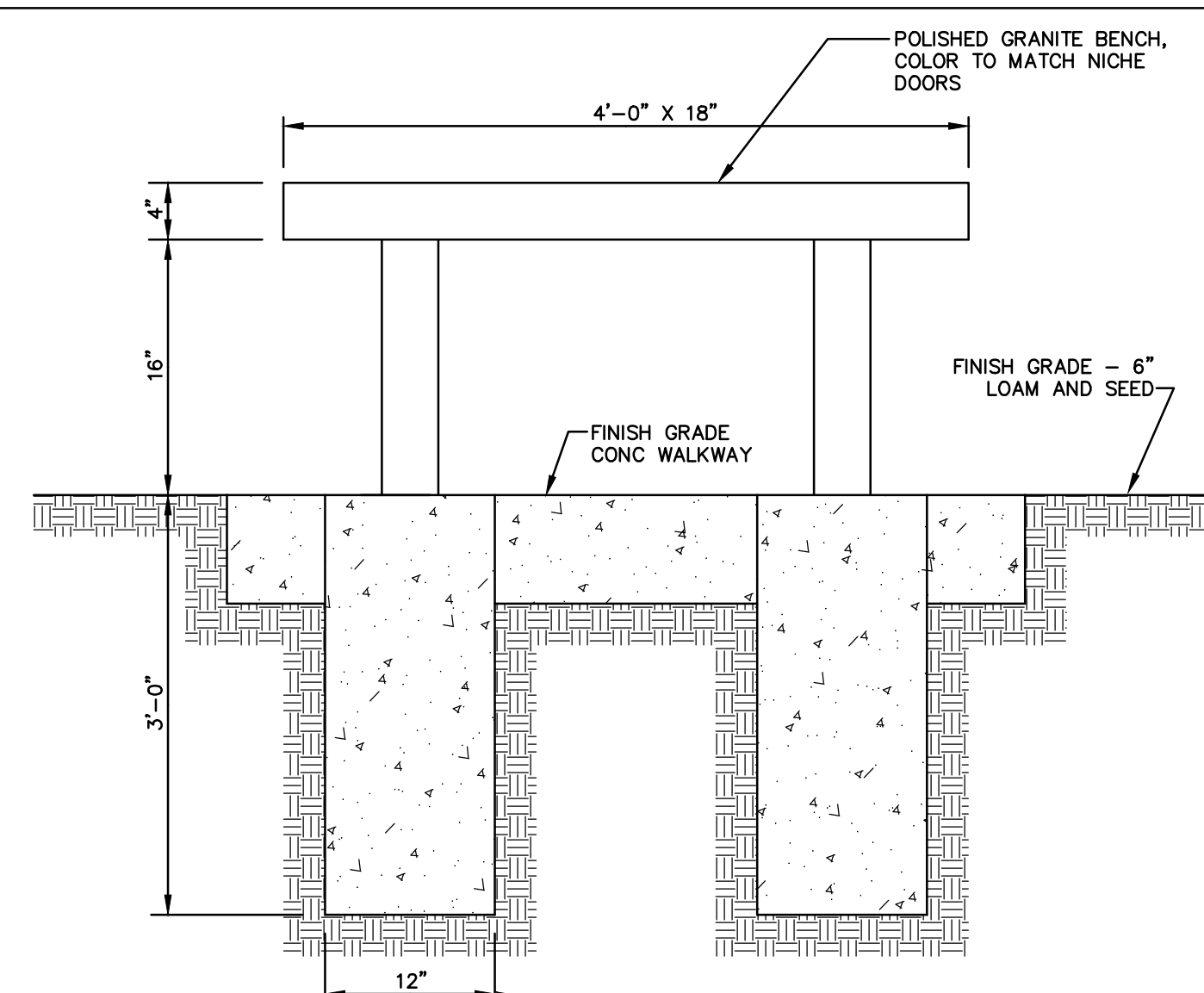
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10 DECIDUOUS TREE PLANTING
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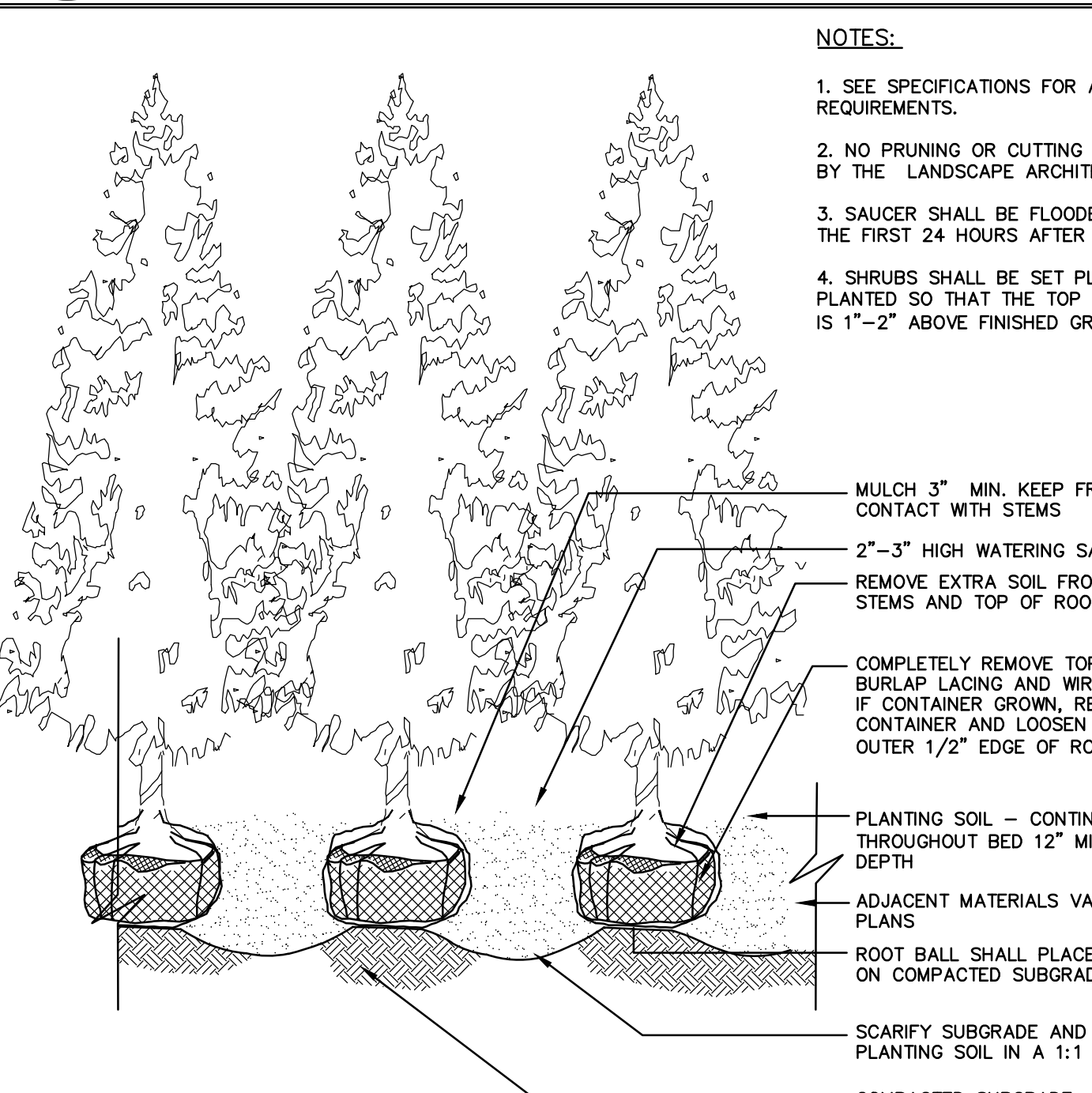
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10 EVERGREEN TREE PLANTING
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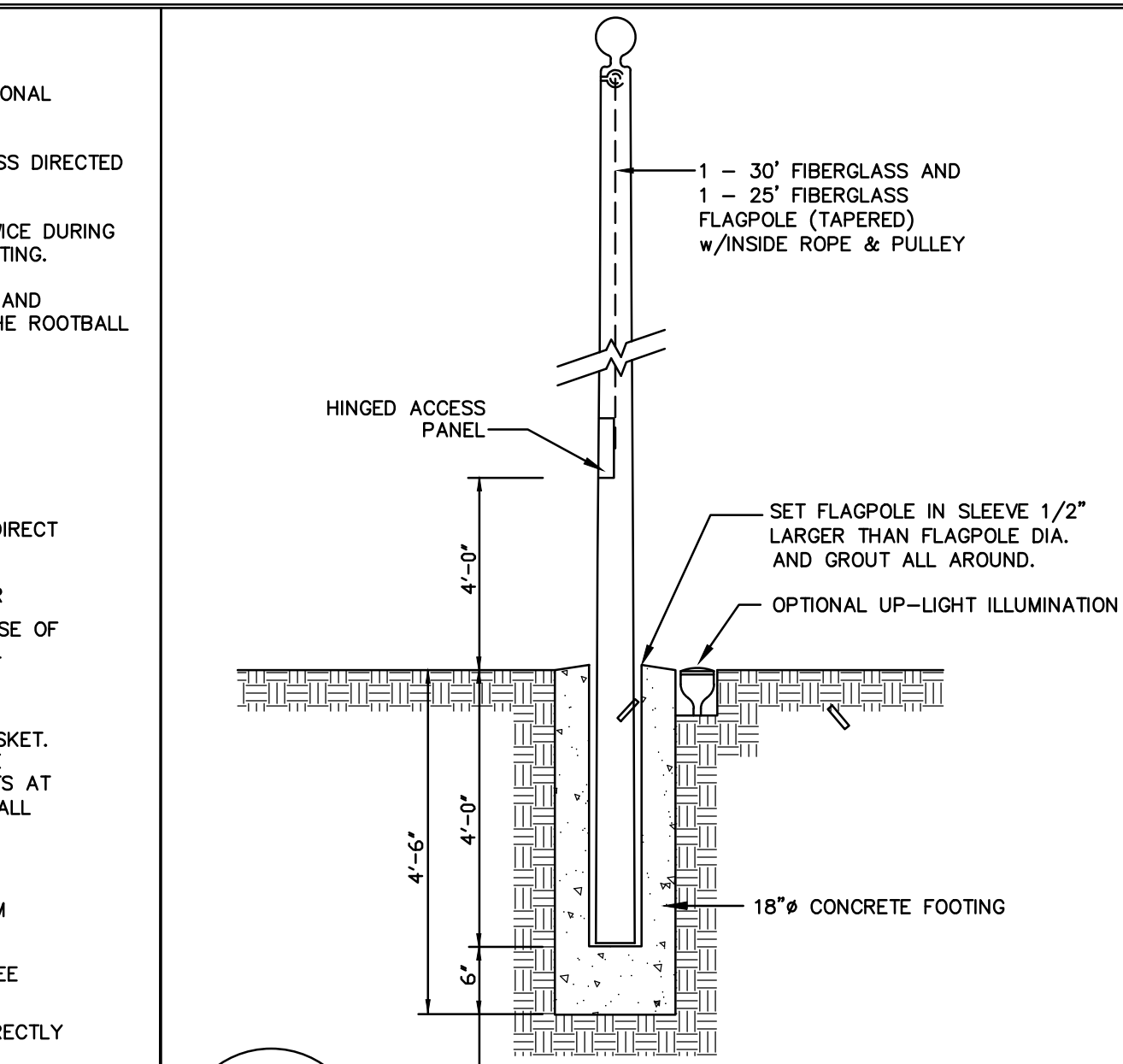
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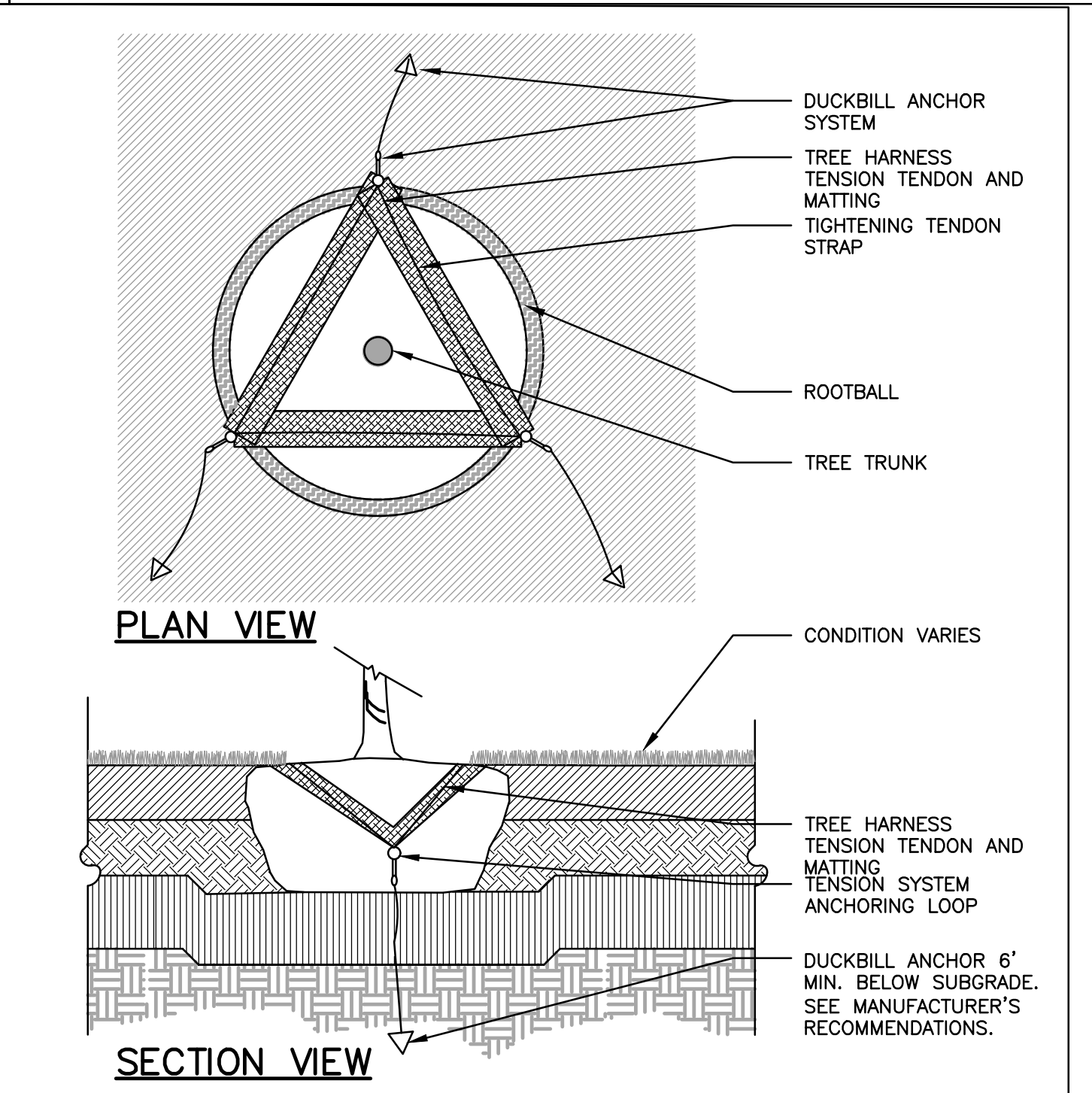
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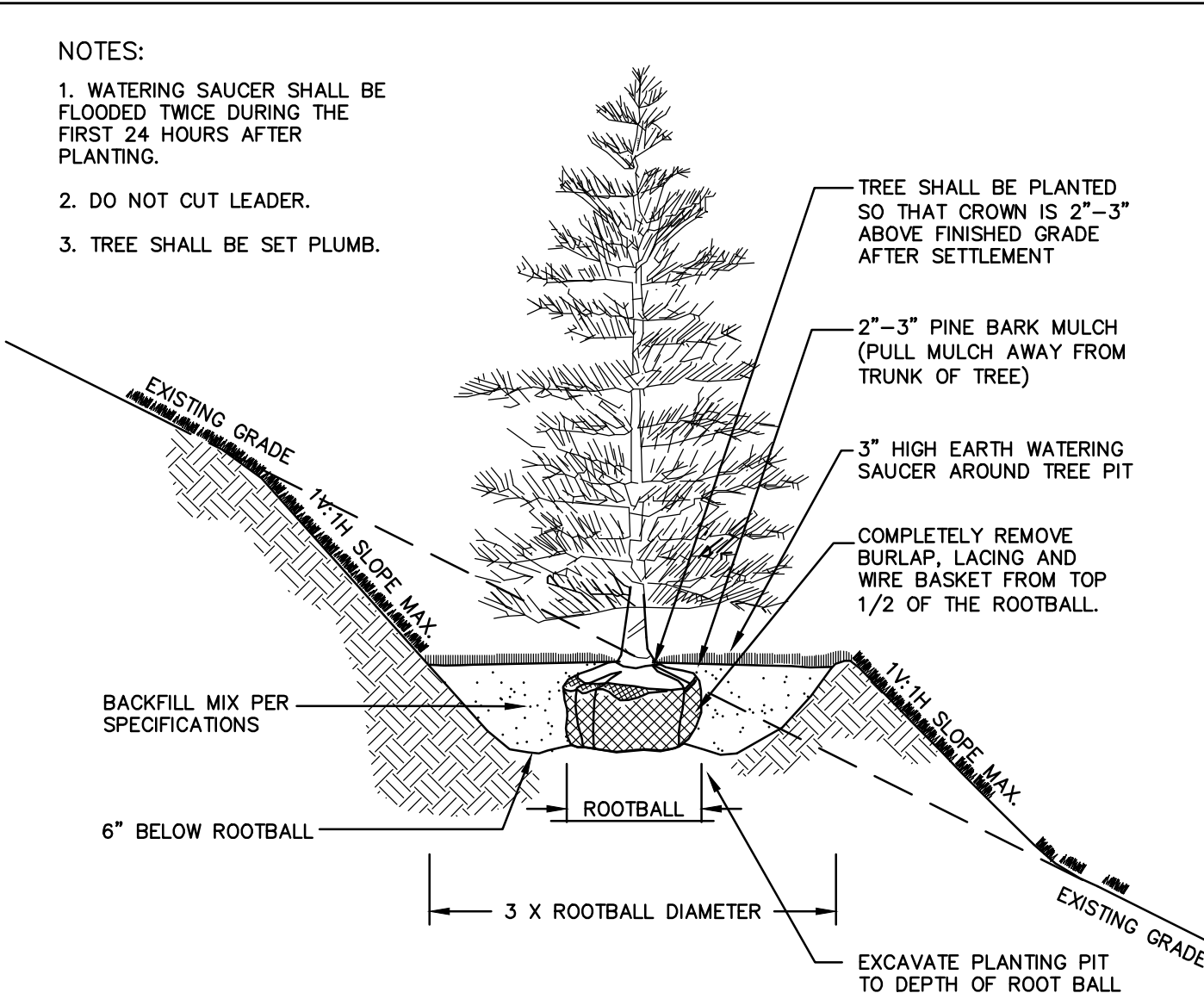
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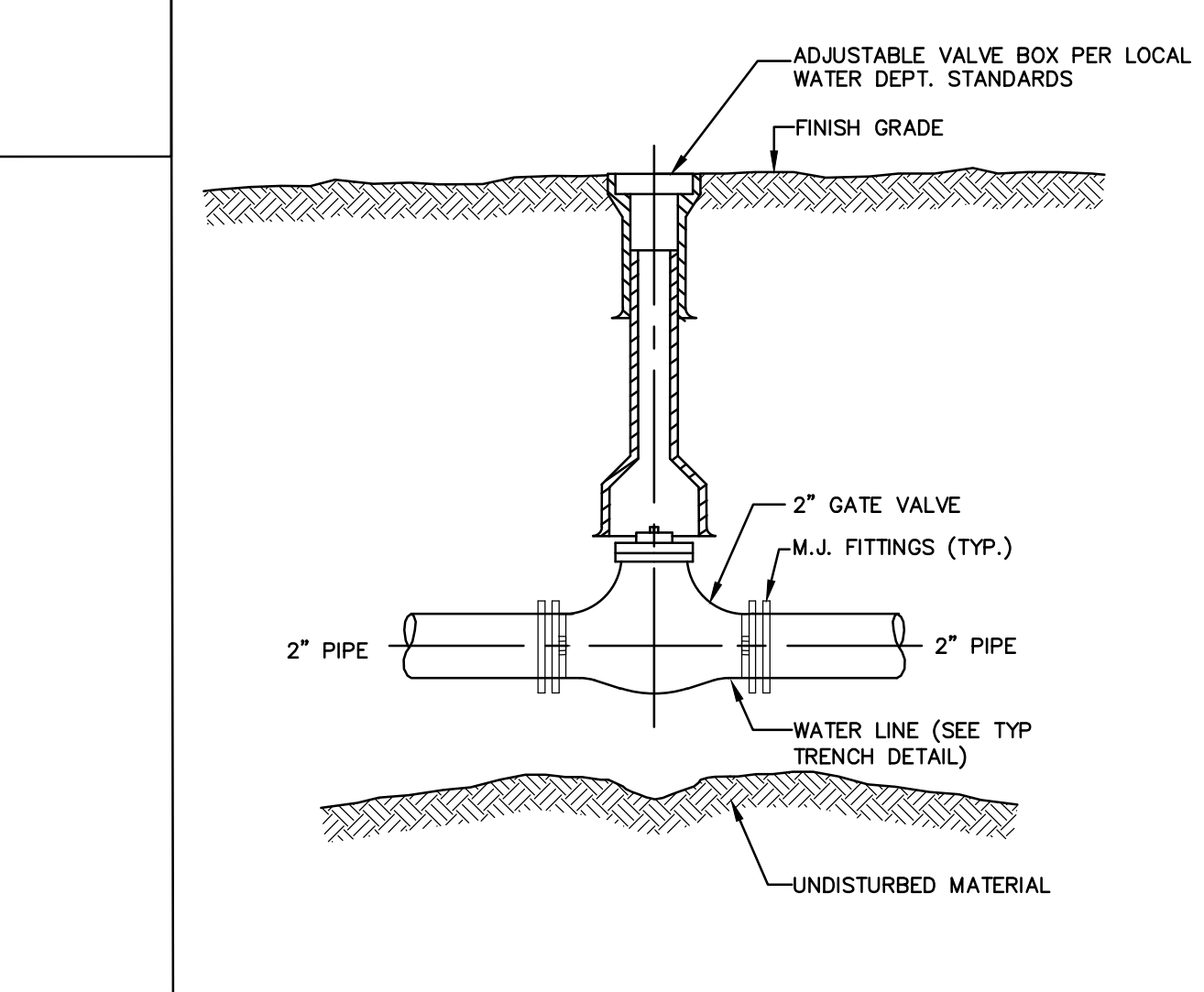
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10 FLAGPOLE
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14
10 TREE HARNESS SYSTEM
SCALE: NONE

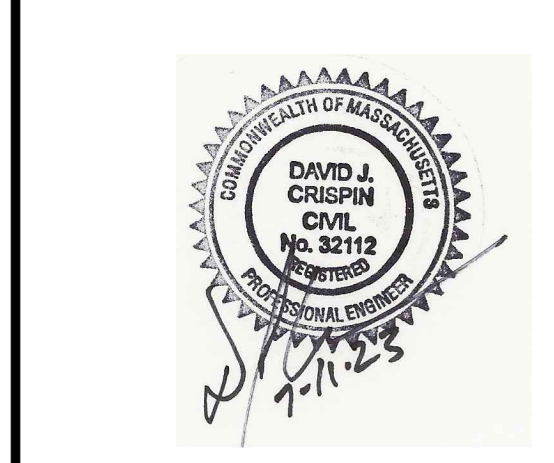


8
10 TREE (SLOPE PLANTING)
SCALE: NONE



15
10 GATE VALVE
SCALE: NONE

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SITE DETAILS
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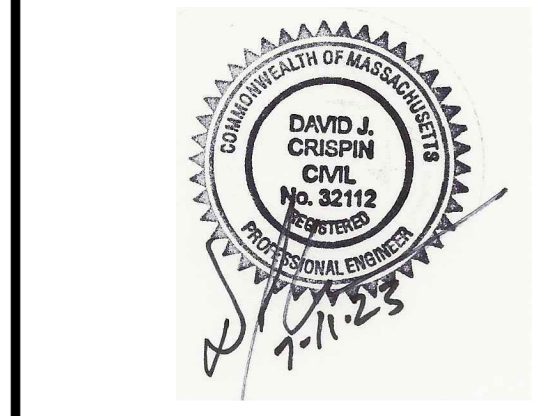
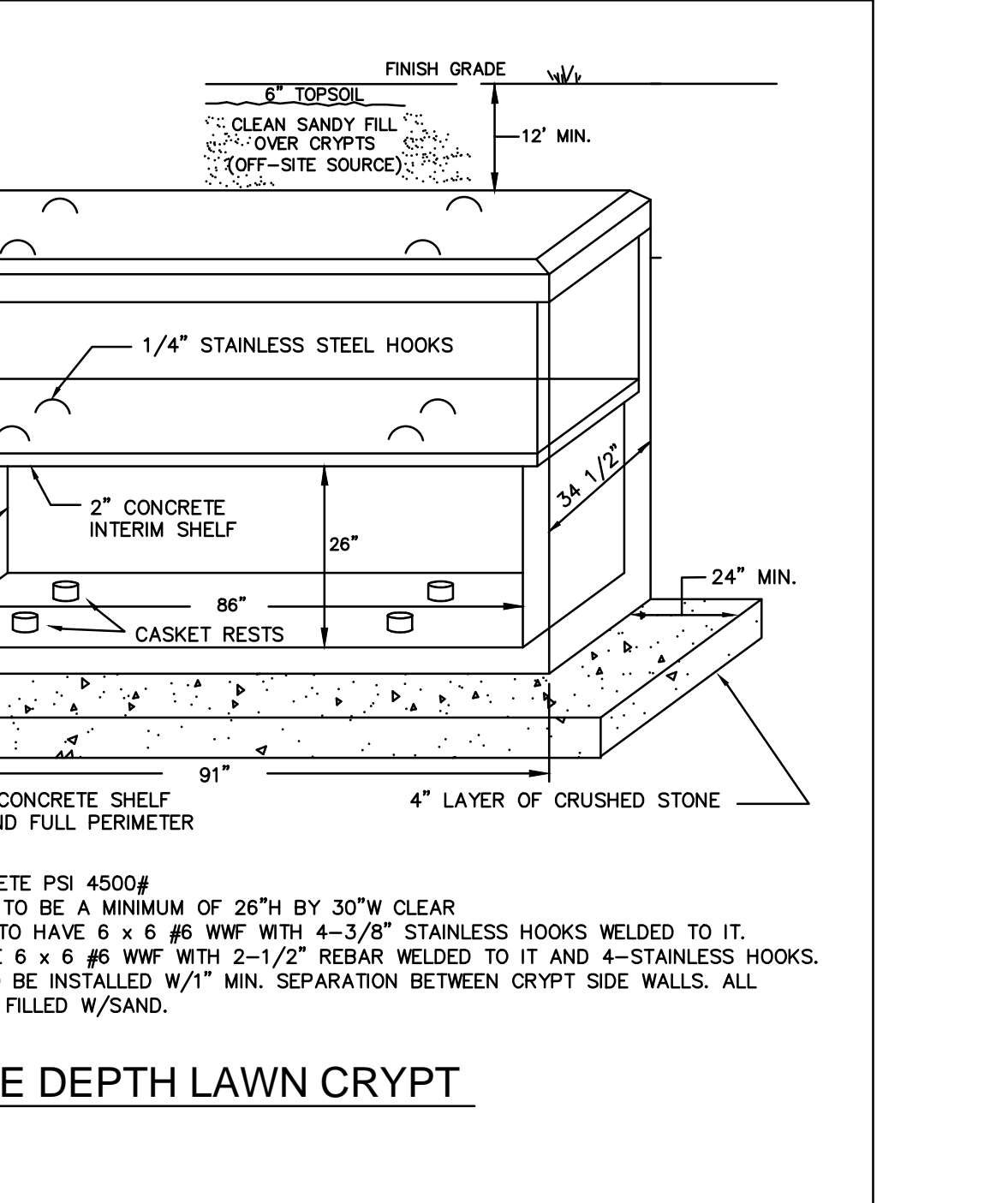
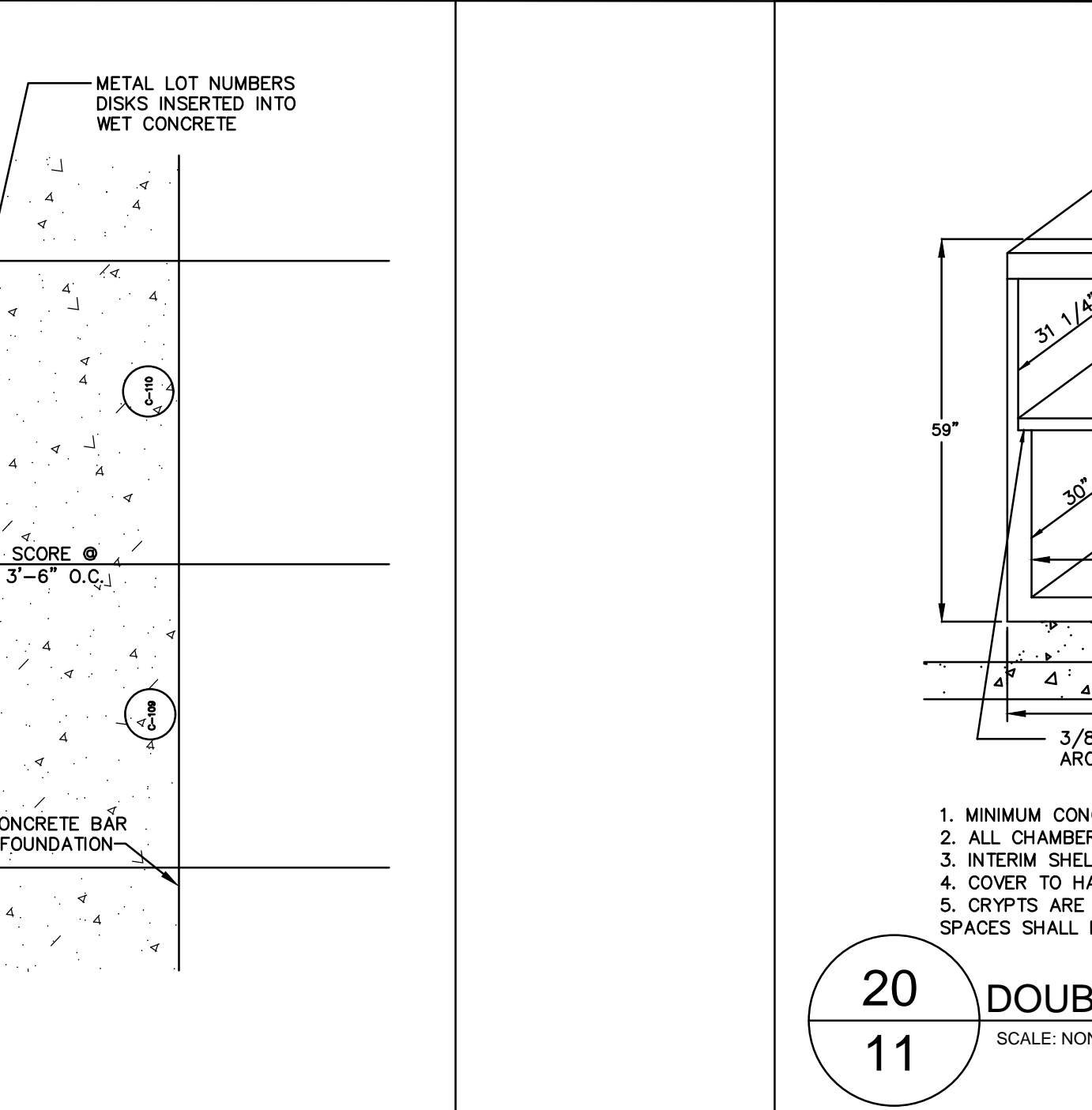
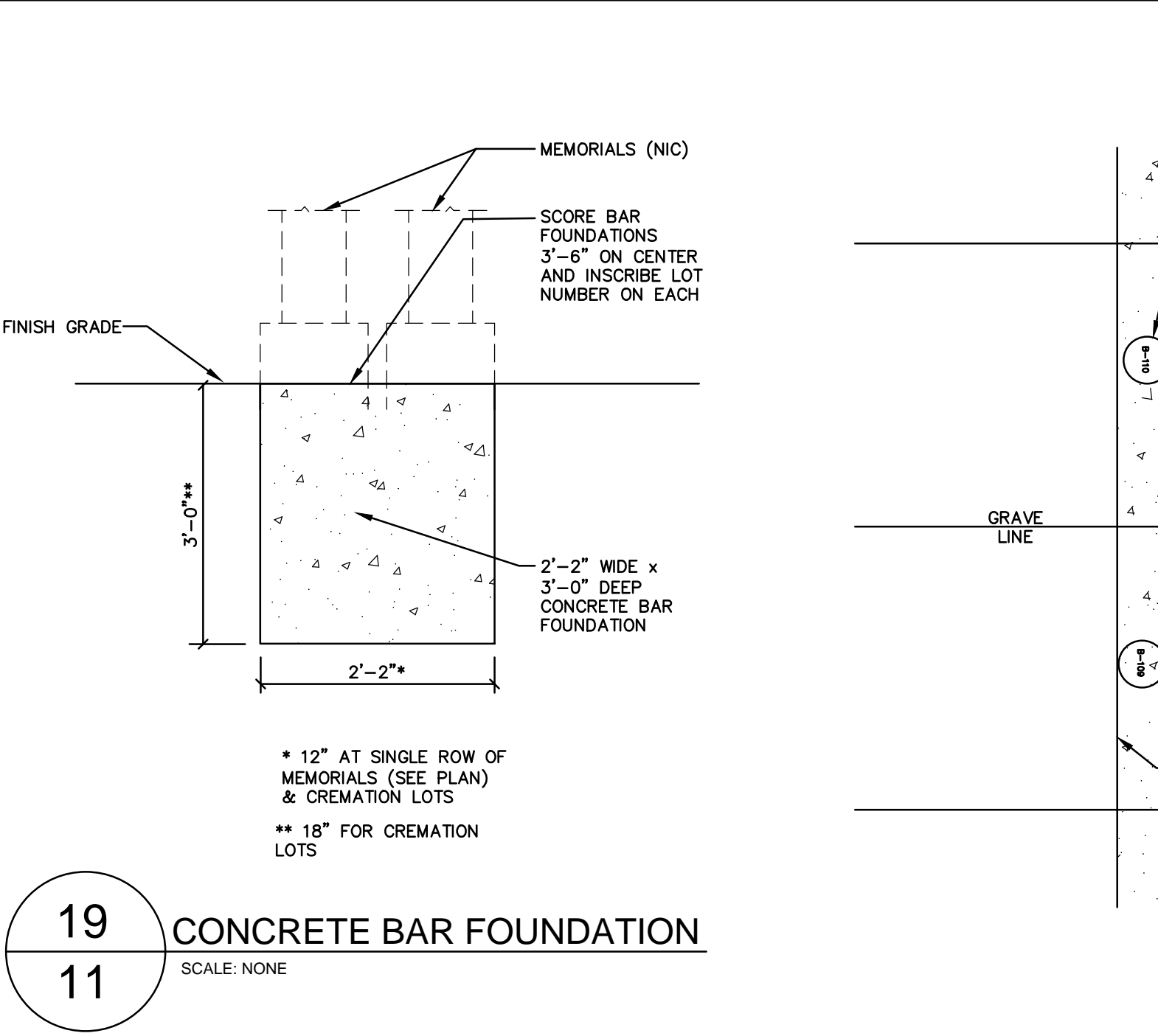
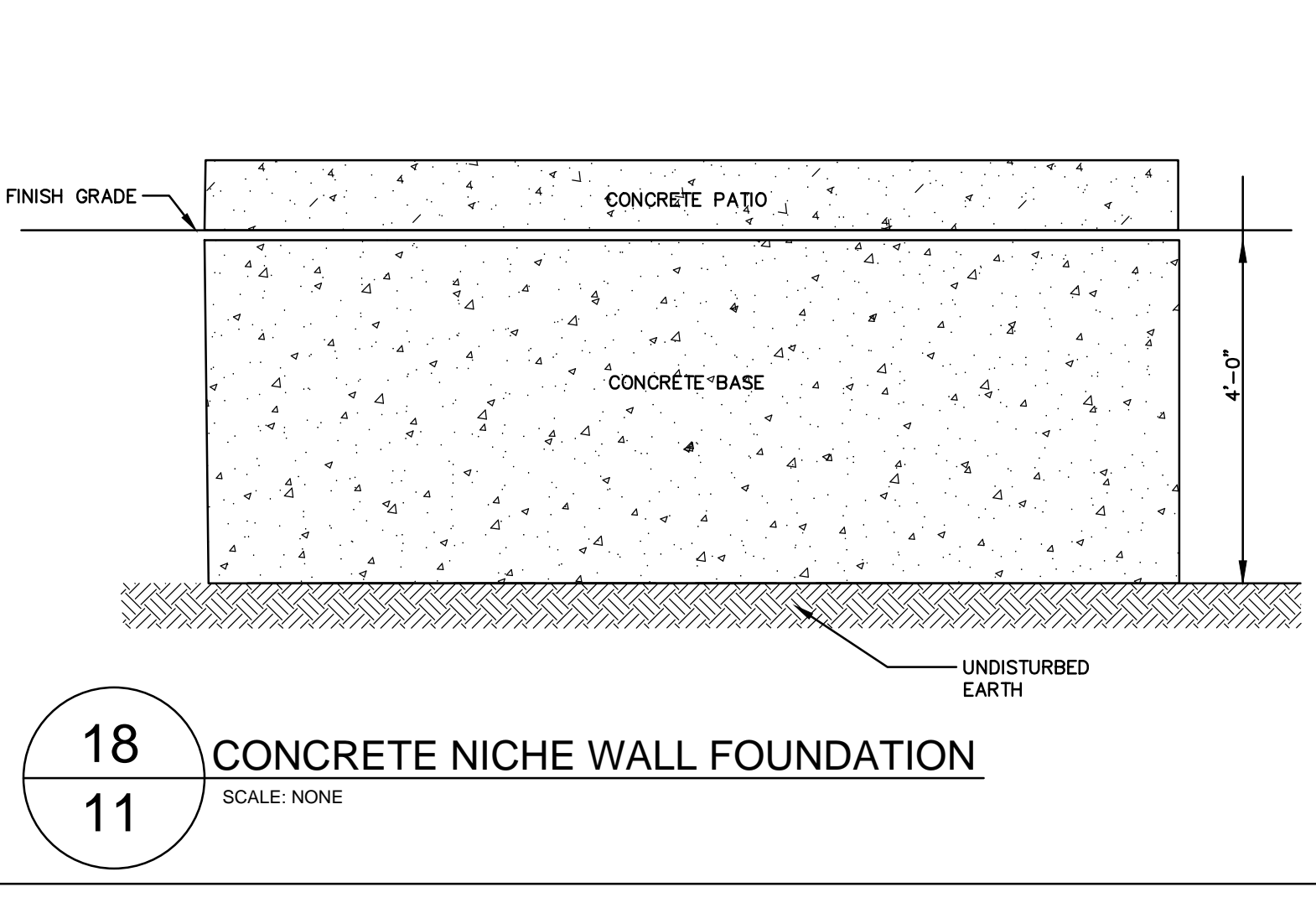
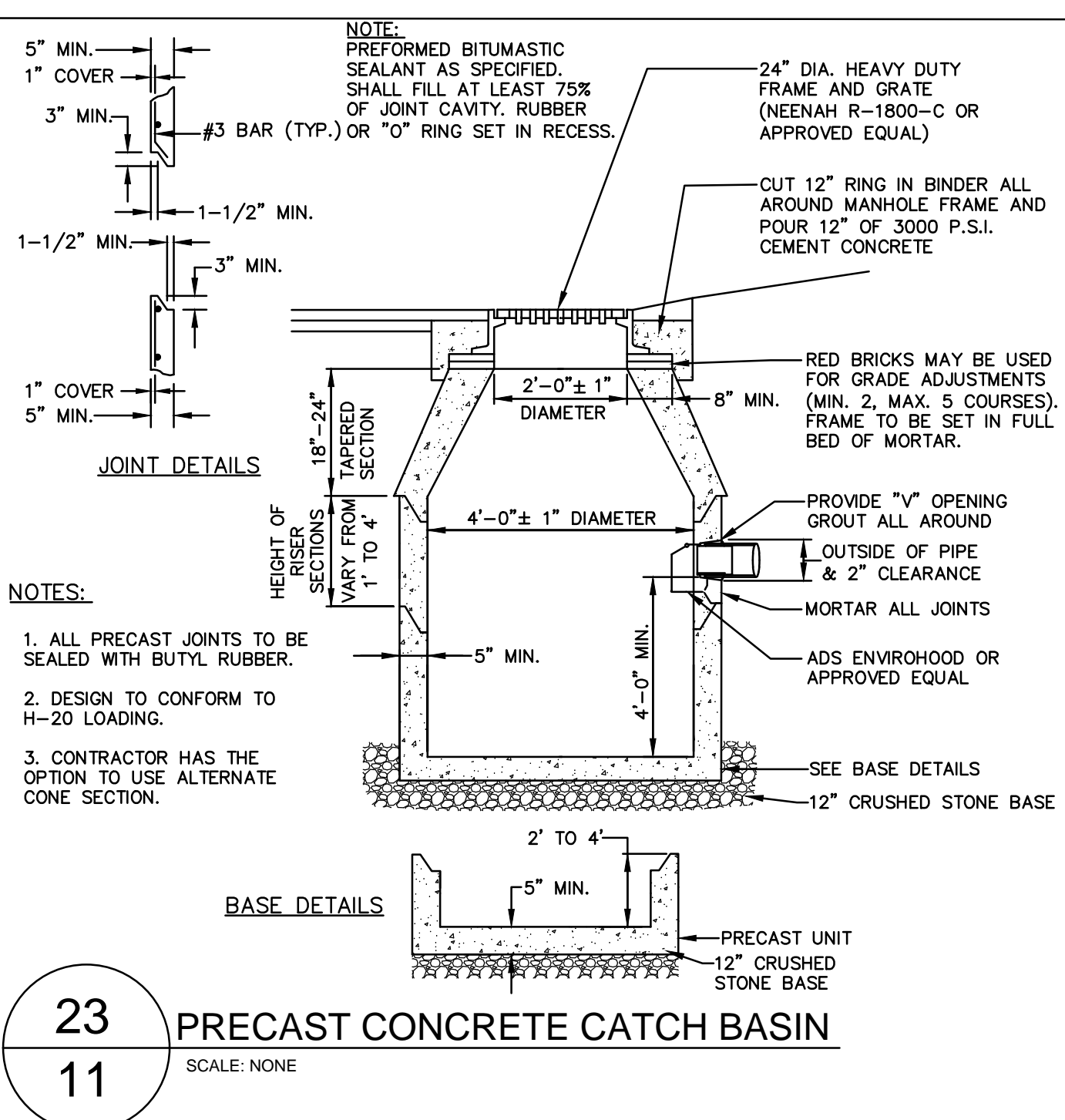
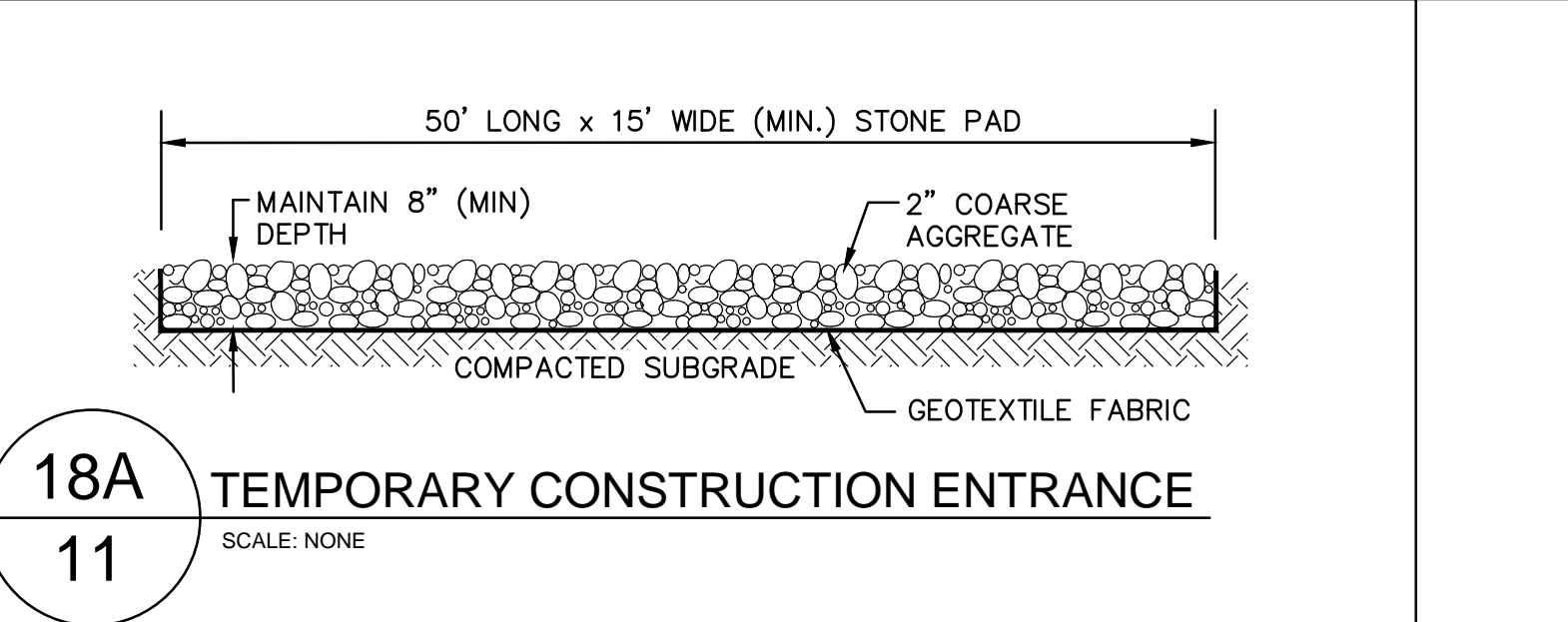
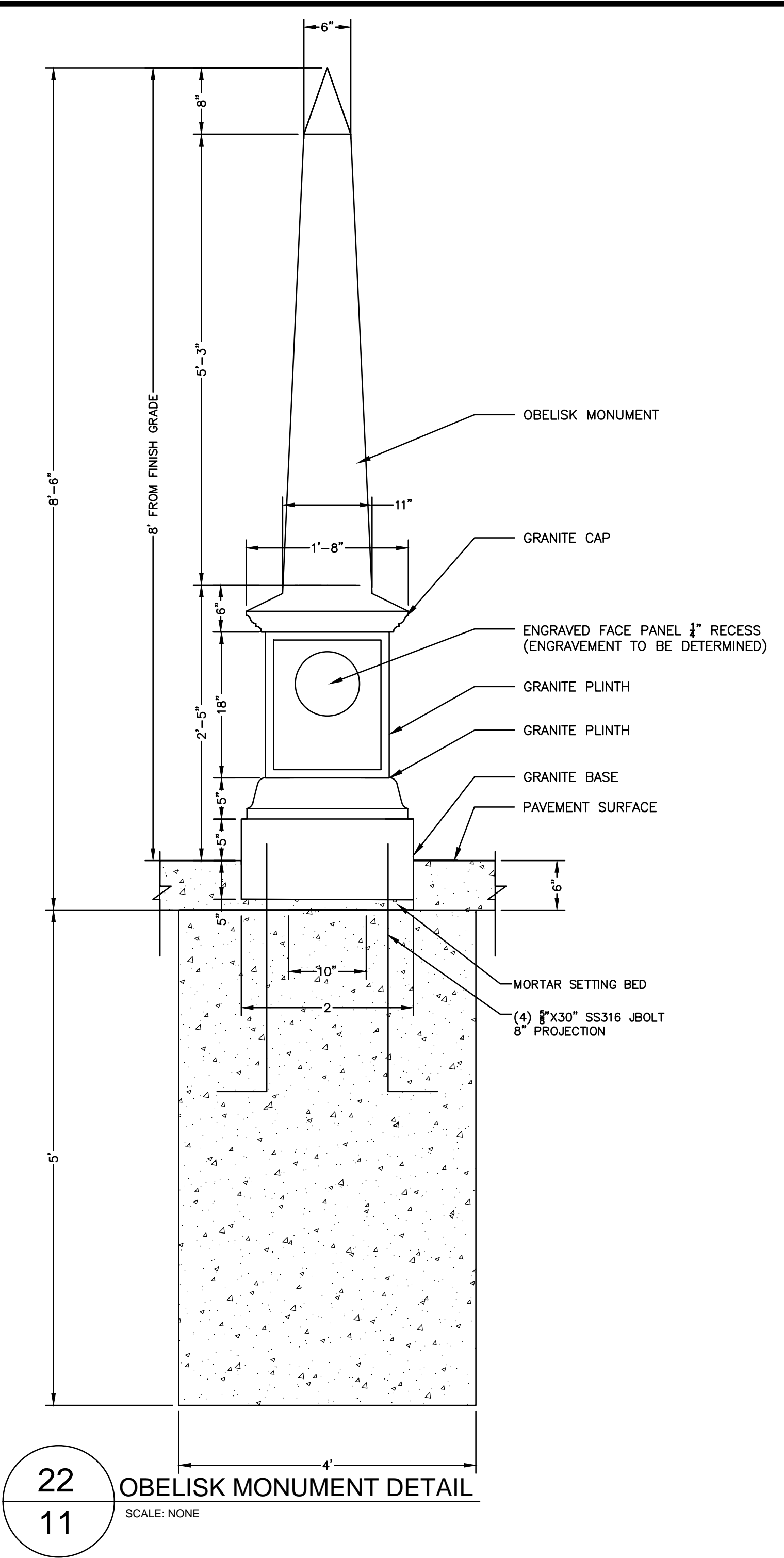
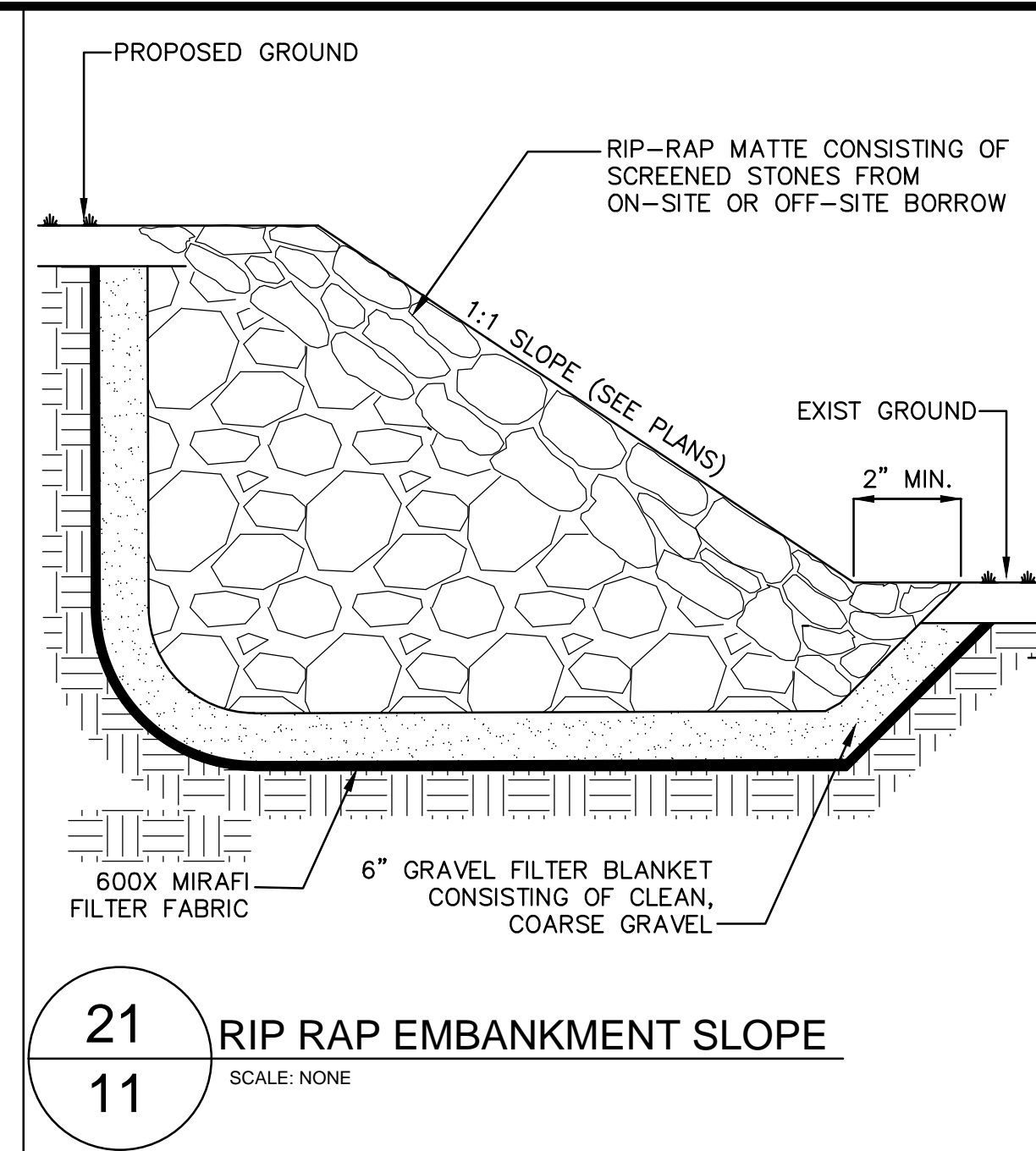
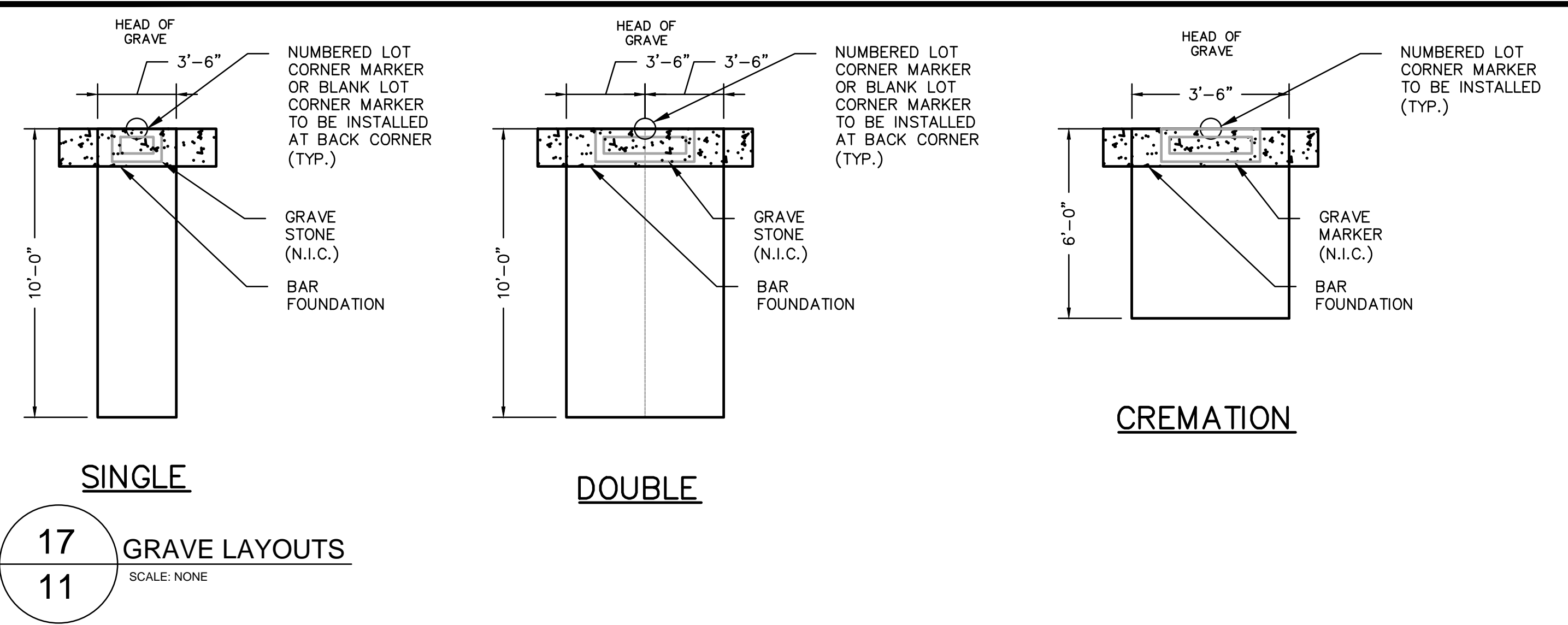
REVISIONS:

NO.	DATE	DESC.

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WESTWOOD PUBLIC WORKS
HIGHWAYS AND GROUNDS
50 CARBY STREET
WESTWOOD, MA 02090

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DAVID J. CRISPIN
PROFESSIONAL ENGINEER

PHASE II
EXPANSION
AT
NEW WESTWOOD
CEMETERY
OFF
HIGH STREET
IN
WESTWOOD
MASSACHUSETTS
(NORFOLK COUNTY)

SITE DETAILS

OCTOBER 10, 2023

CONTRACT #: DPW-24-B-004

REVISIONS:

NO.	DATE	DESC.

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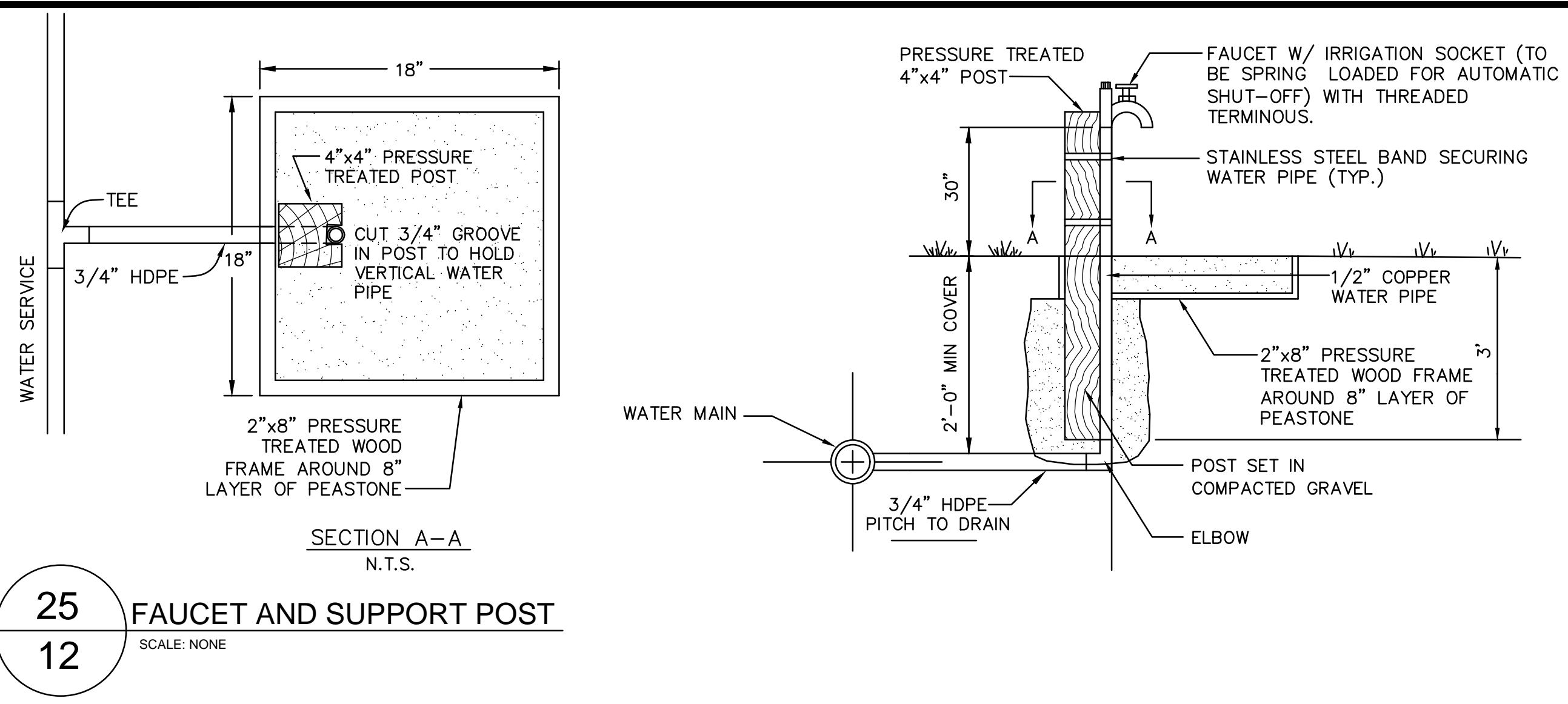
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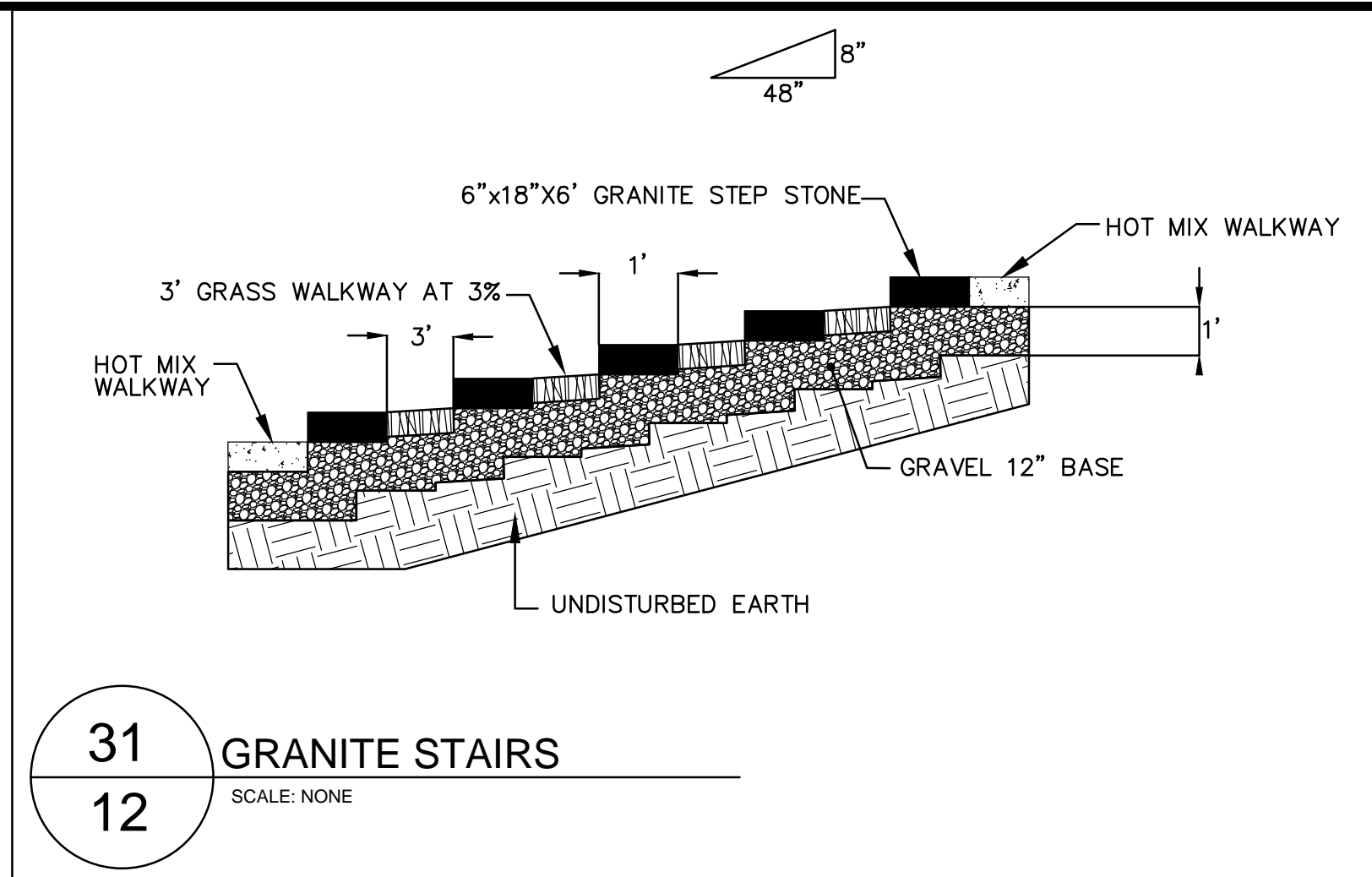
ISSUED FOR CONSTRUCTION: 10/10/2023

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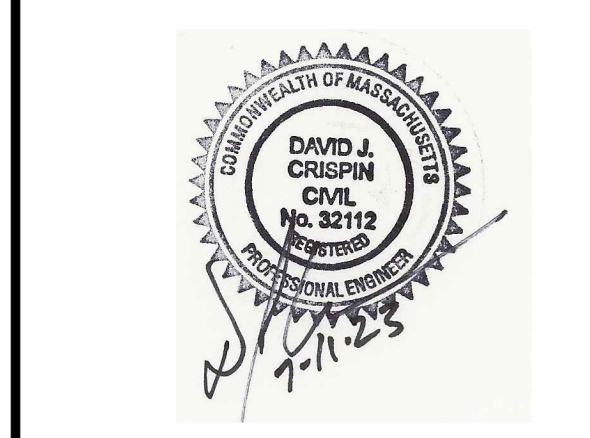
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DWG.: SITE DETAILS
JOB. NO: 2-23231.01 SHEET 11 OF 12



25
12 FAUCET AND SUPPORT POST
SCALE: NONE



31
12 GRANITE STAIRS
SCALE: NONE



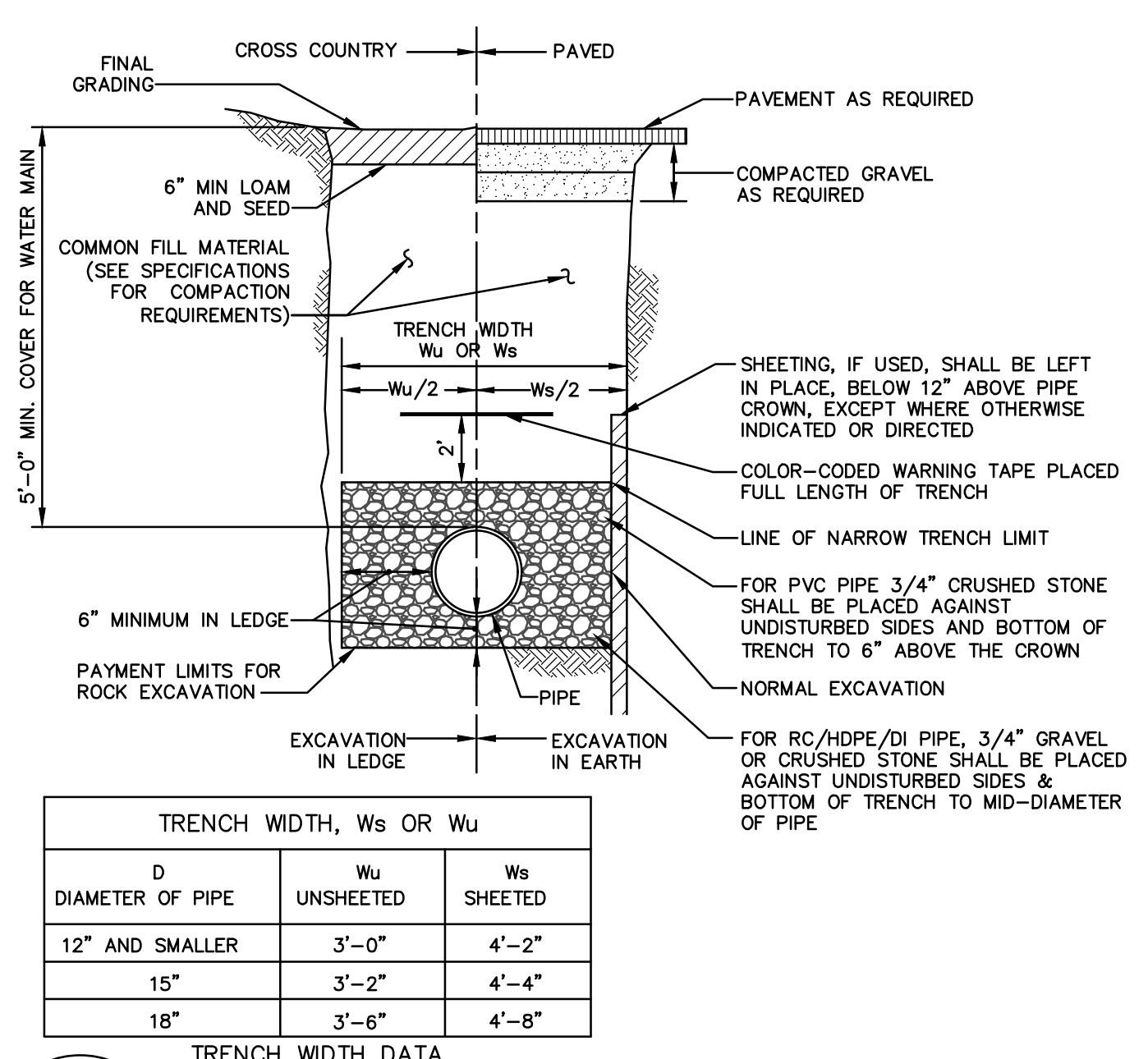
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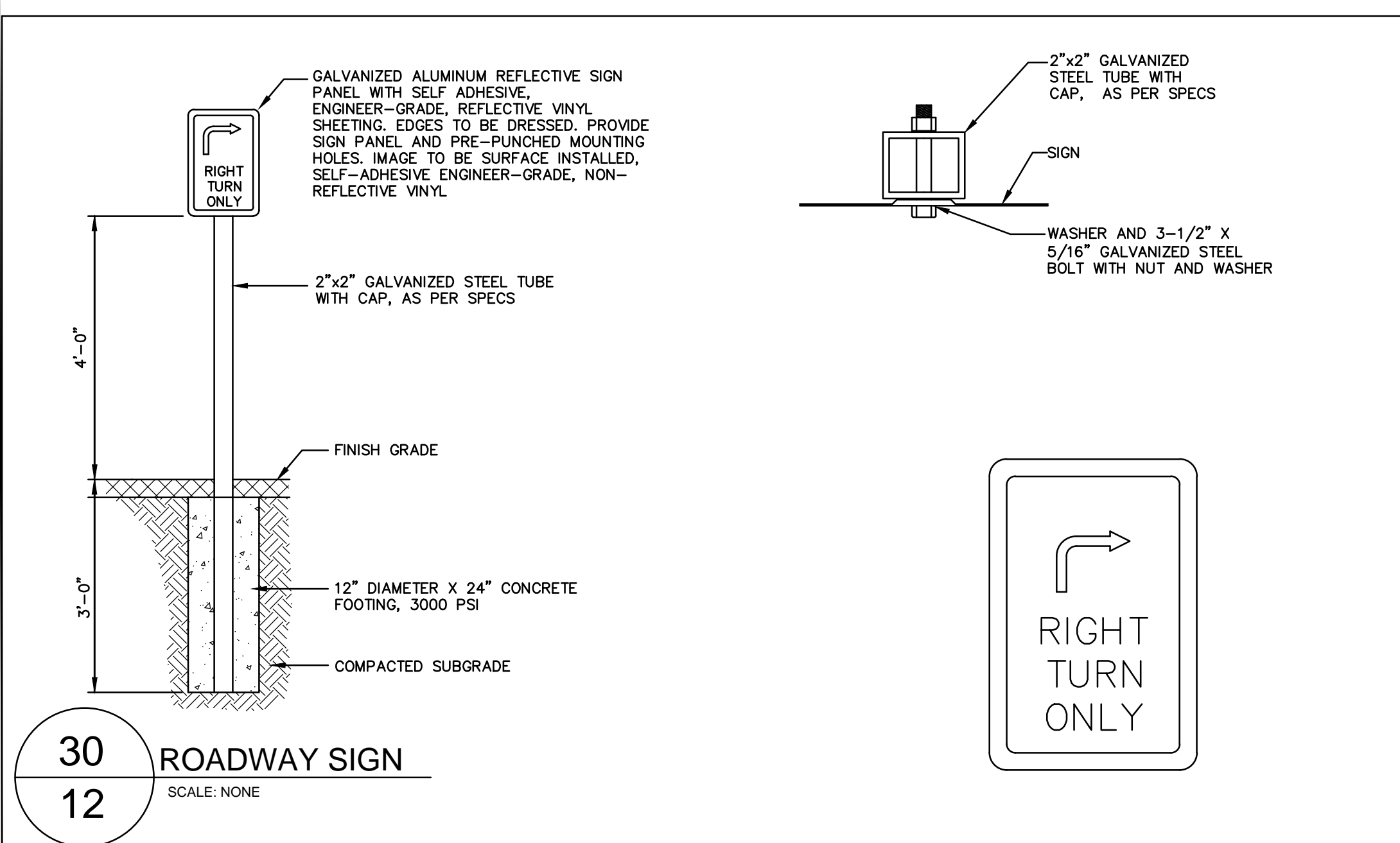
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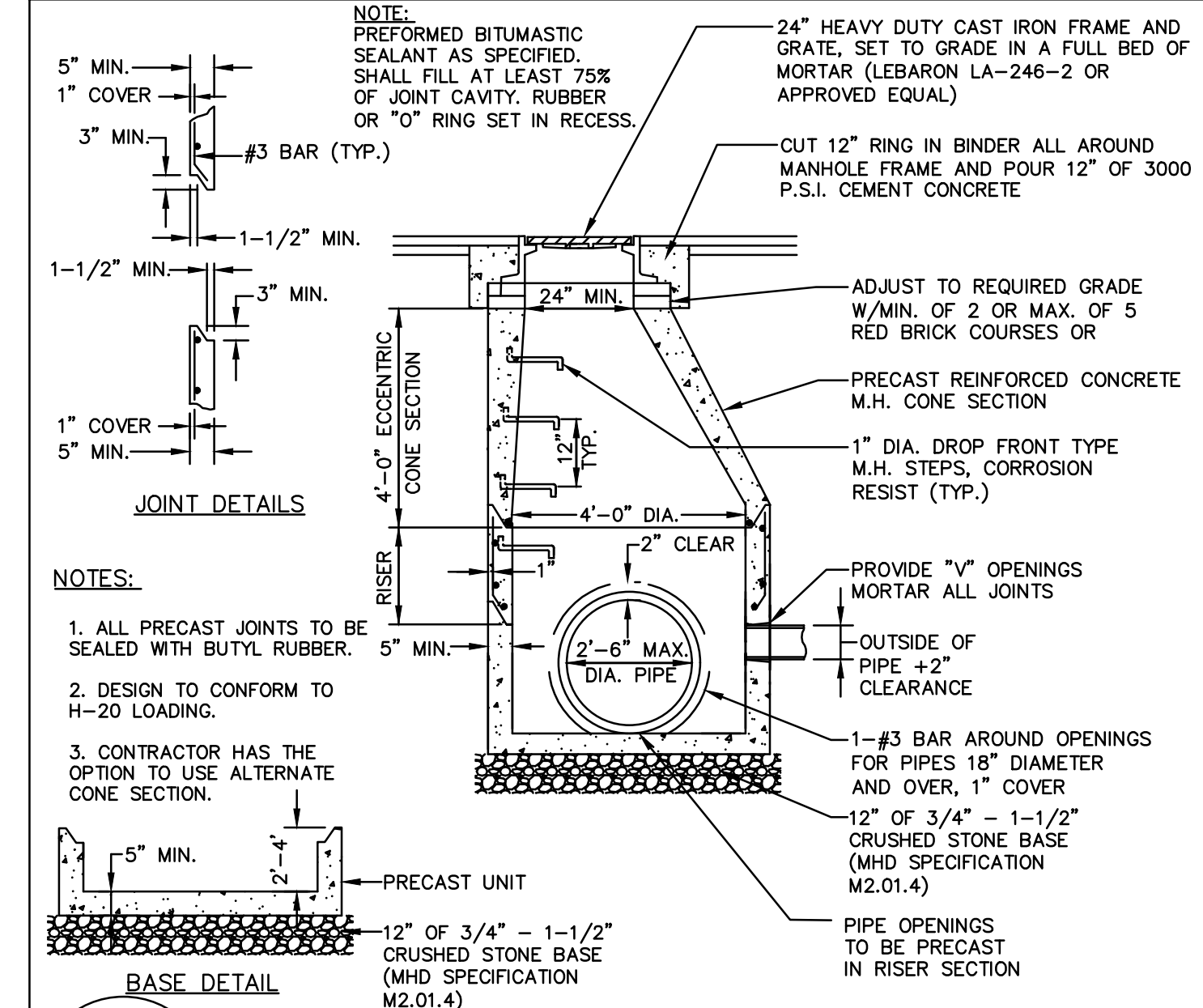


TRENCH WIDTH, Ws OR Wu		
D	Wu	Ws
DIAMETER OF PIPE	UN-SHEETED	SHEETED
12" AND SMALLER	3'-0"	4'-2"
15"	3'-2"	4'-4"
18"	3'-6"	4'-8"

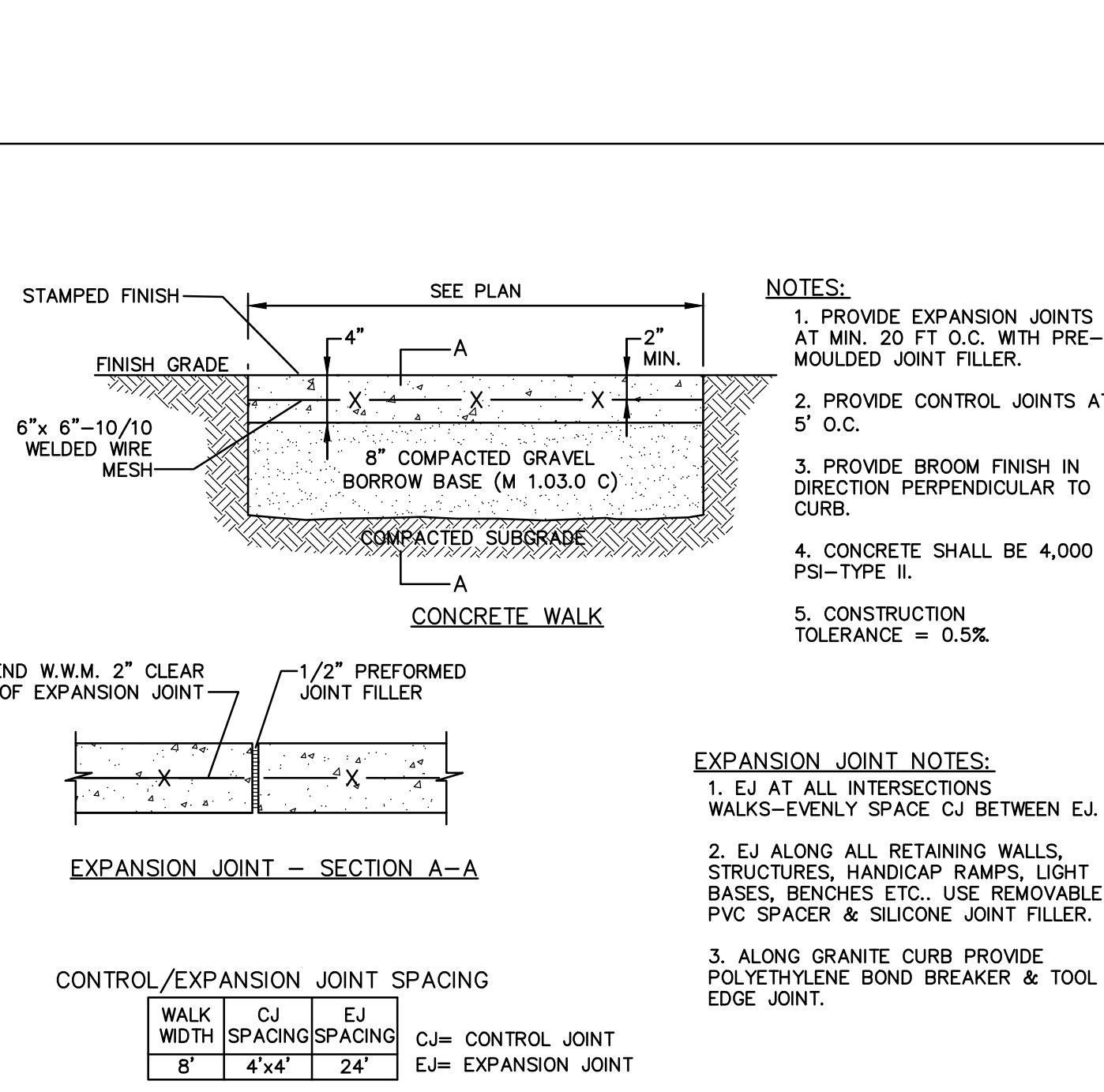
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12 TYPICAL PIPE TRENCH SECTION
SCALE: NONE



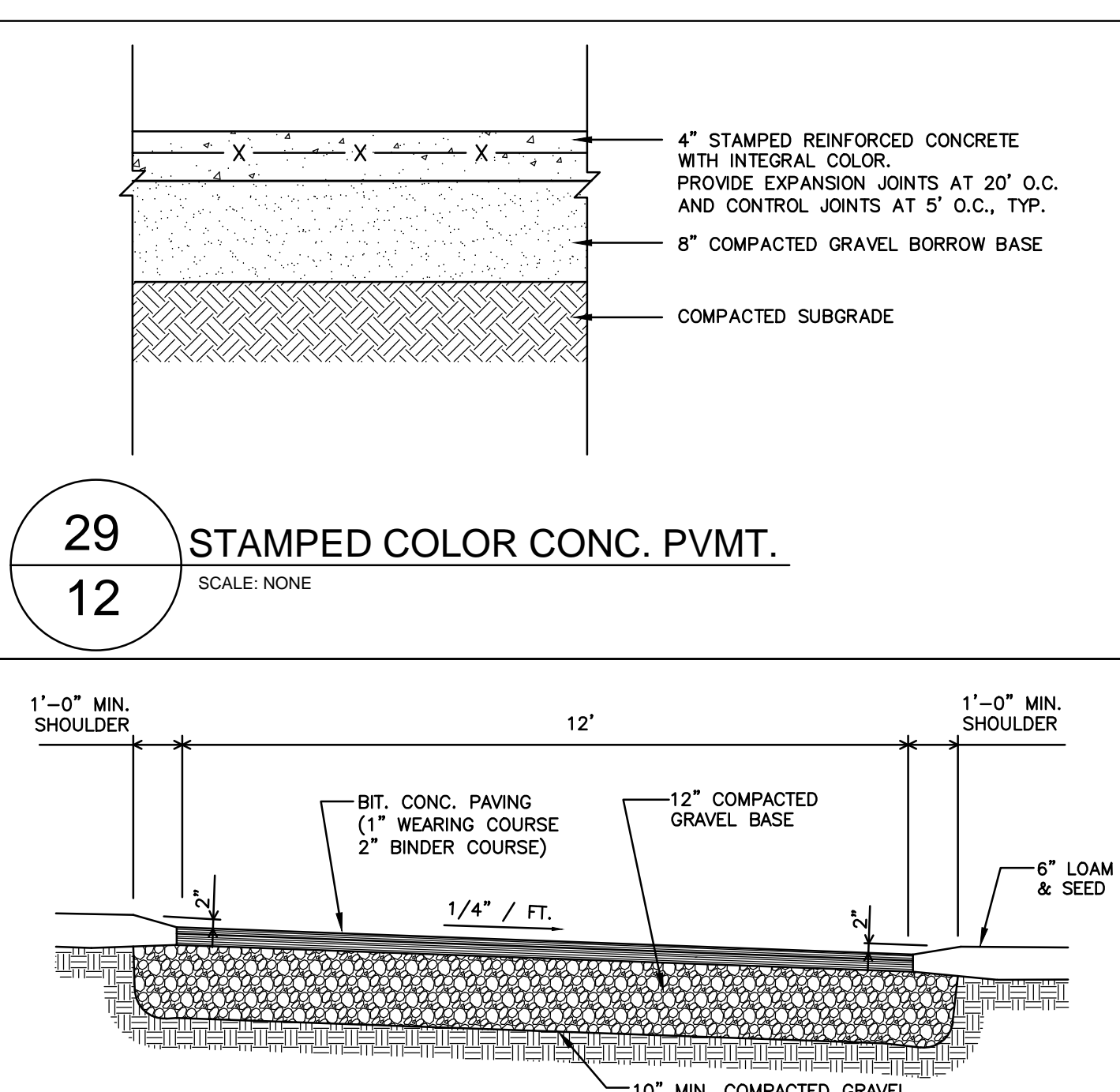
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12 ROADWAY SIGN
SCALE: NONE



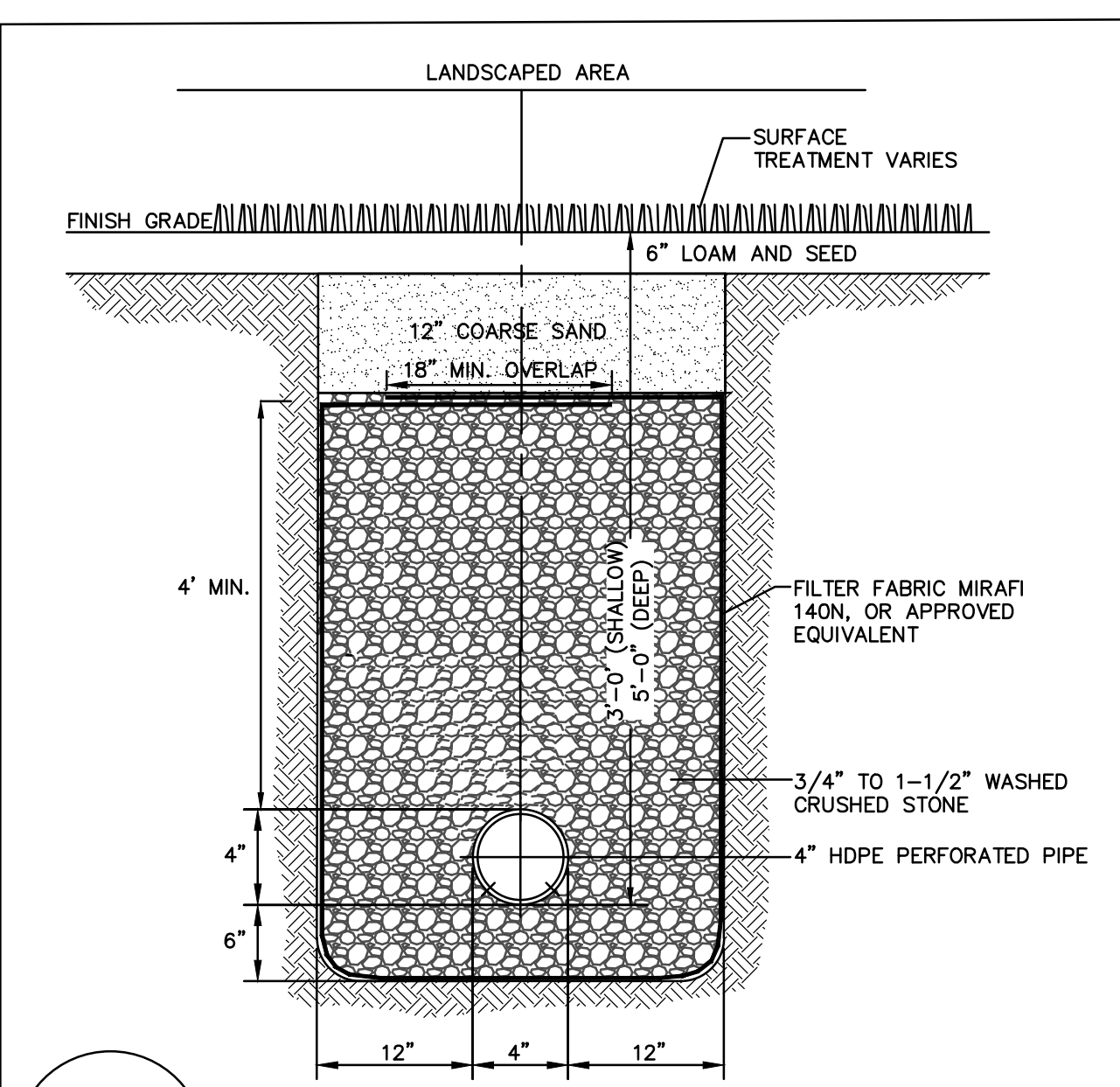
33
12 PRECAST CONCRETE DRAIN MANHOLE
SCALE: NONE



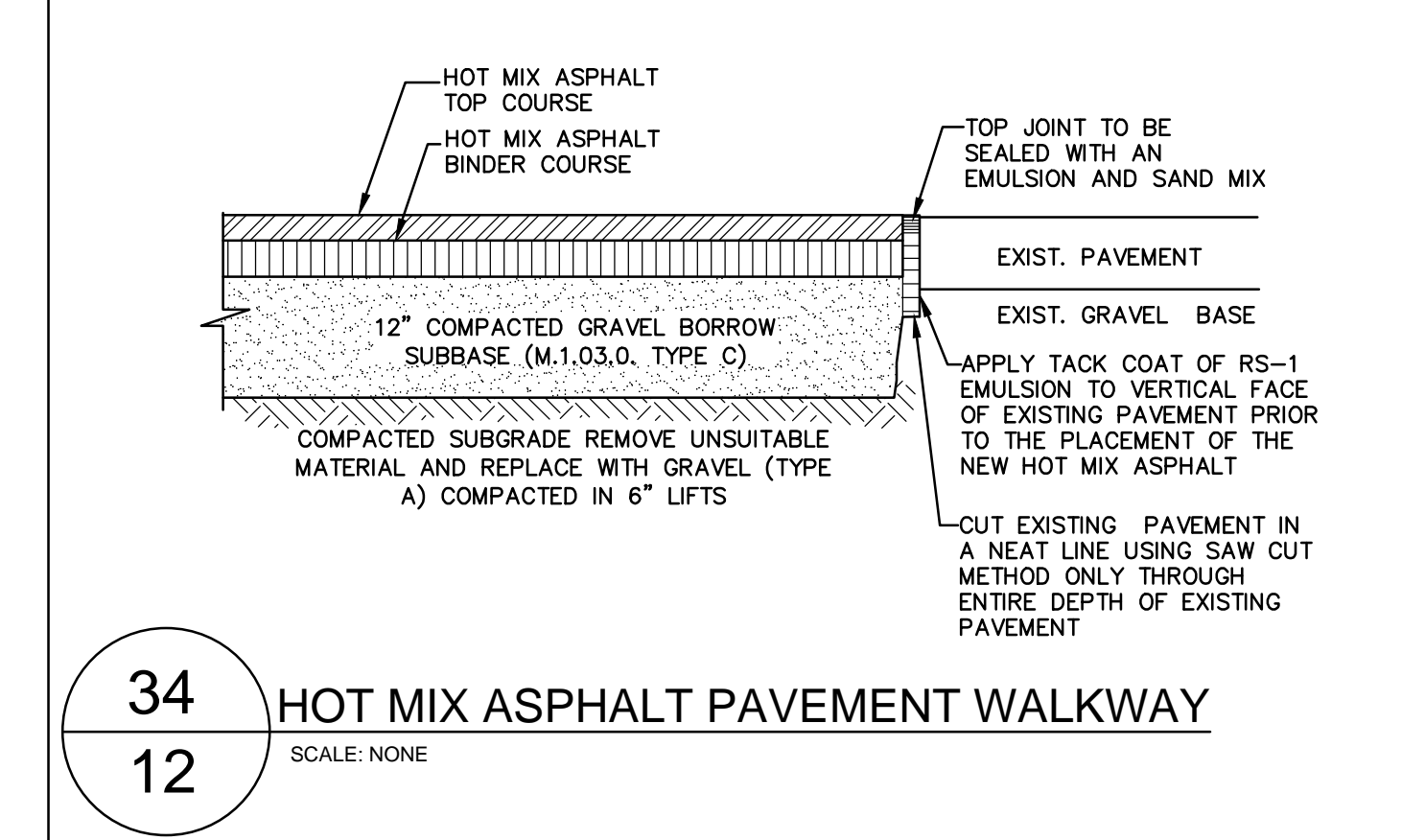
27
12 CONCRETE WALK
SCALE: NONE



28
12 NEW DRIVEWAY CROSS SECTION
SCALE: NONE



32
12 SUBDRAIN
SCALE: NONE



34
12 HOT MIX ASPHALT PAVEMENT WALKWAY
SCALE: NONE

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