

SUBSURFACE EXPLORATION DATA:

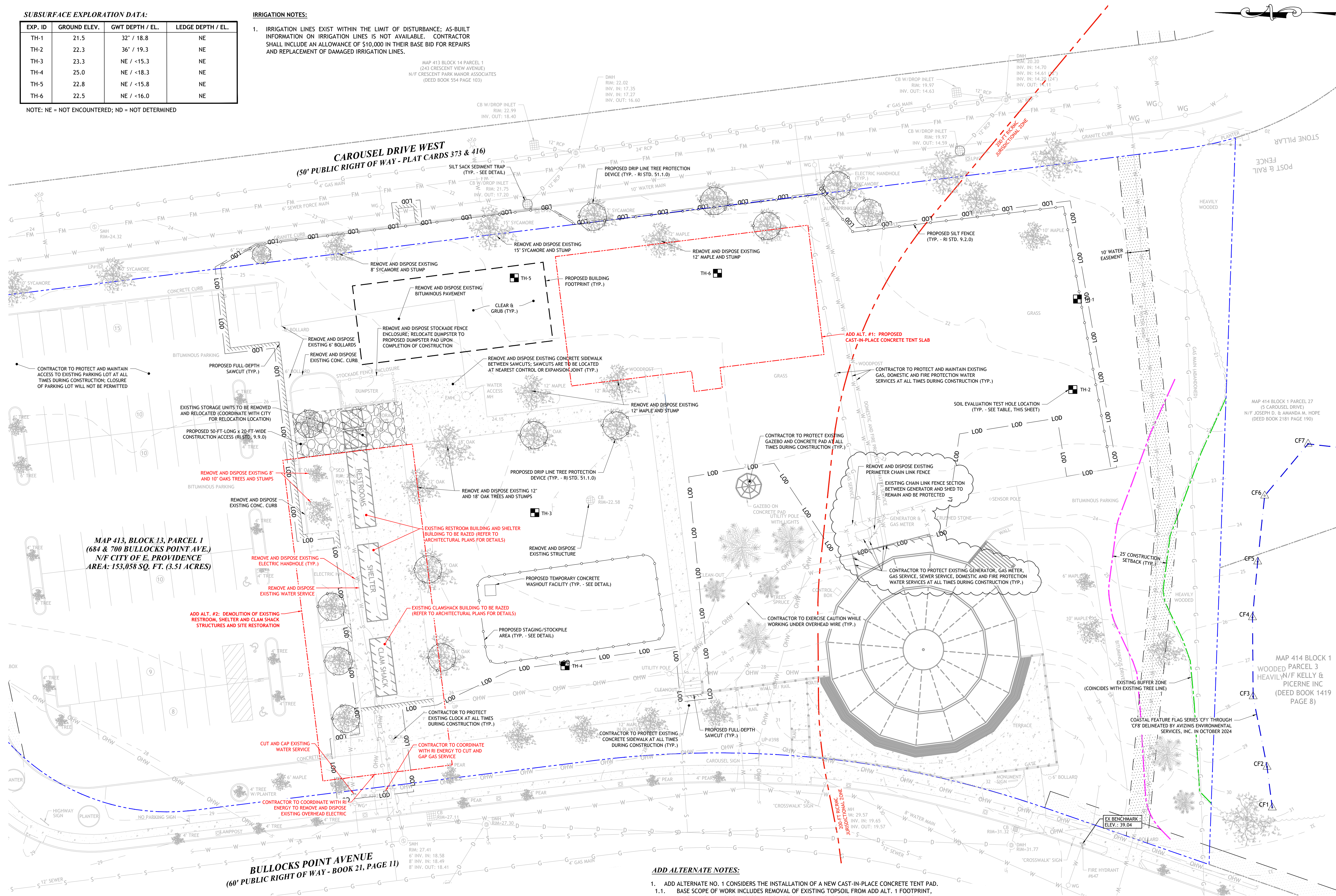
EXP. ID	GROUND ELEV.	GWT DEPTH / EL.	LEDGE DEPTH / EL.
TH-1	21.5	32' / 18.8	NE
TH-2	22.3	36' / 19.3	NE
TH-3	23.3	NE / <15.3	NE
TH-4	25.0	NE / <18.3	NE
TH-5	22.8	NE / <15.8	NE
TH-6	22.5	NE / <16.0	NE

NOTE: NE = NOT ENCOUNTERED; ND = NOT DETERMINED

IRRIGATION NOTES:

- IRRIGATION LINES EXIST WITHIN THE LIMIT OF DISTURBANCE; AS-BUILT INFORMATION ON IRRIGATION LINES IS NOT AVAILABLE. CONTRACTOR SHALL INCLUDE AN ALLOWANCE OF \$10,000 IN THEIR BASE BID FOR REPAIRS AND REPLACEMENT OF DAMAGED IRRIGATION LINES.

MAP 413 BLOCK 14 PARCEL 1
(243 CRESCENT VIEW AVENUE)
N/F CRESCENT PARK MANOR ASSOCIATES
(DEED BOOK 554 PAGE 103)

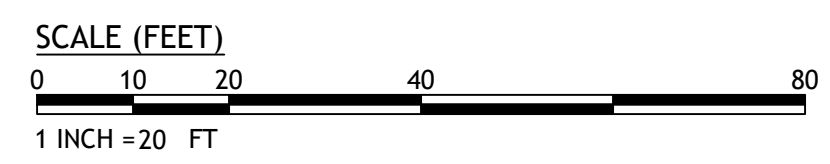


MAP 413, BLOCK 13, PARCEL 1
(684 & 700 BULLOCKS POINT AVE.)
N/F CITY OF E. PROVIDENCE
AREA: 153,058 SQ. FT. (3.51 ACRES)

BULLOCKS POINT AVENUE
(60' PUBLIC RIGHT OF WAY - BOOK 21, PAGE 11)

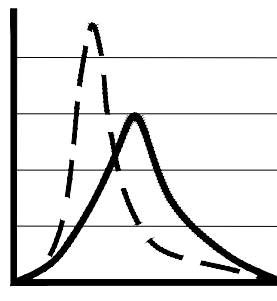
ADD ALTERNATE NOTES:

- ADD ALTERNATE NO. 1 CONSIDERS THE INSTALLATION OF A NEW CAST-IN-PLACE CONCRETE TENT PAD.
 - BASE SCOPE OF WORK INCLUDES REMOVAL OF EXISTING TOPSOIL FROM ADD ALT. 1 FOOTPRINT, MINOR REGRADING AS NECESSARY TO ACCOMMODATE PROPOSED SITE GRADES, AND RESTORATION WITH MINIMUM 6-INCHES OF LOAM AND SEED.
- ADD ALTERNATE NO. 2 CONSIDERS THE DEMOLITION OF THE EXISTING RESTROOM STRUCTURE, SHELTER STRUCTURE AND CLAM SHACK STRUCTURE, AND SITE RESTORATION.
 - BASE SCOPE OF WORK INCLUDES MAINTAINING AND PROTECTING THESE EXISTING FACILITIES AT ALL TIMES DURING CONSTRUCTION.
 - IF ADD ALTERNATE NO. 2 IS EXECUTED, THESE EXISTING FACILITIES ARE TO REMAIN AND BE PROTECTED UNTIL ALL BASE SCOPE OF WORK IS COMPLETED. UPON COMPLETION OF THE BASE SCOPE OF WORK, ADD ALTERNATE NO. 2 MAY COMMENCE.



JCE

JOE CASALI ENGINEERING, INC.
CIVIL - SITE DEVELOPMENT - TRANSPORTATION
DRAINAGE - WETLANDS - HSIS - TRAFFIC - FLOODPLAIN
300 POST ROAD, WARWICK, RI 02888
(401) 944-1300 (401) 944-1313 FAX WWW.JOECASALI.COM



NCA
NORTHEAST
COLLABORATIVE
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Phone: (401) 944-1300

**Mechanical, Electrical,
Plumbing Engineers:**
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Structural Engineers:
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Landscape Architects:
Diane C. Soule & Associates
422 Farnum Pike
Smithfield, Rhode Island
Phone: (401) 231-0736

**CRESCENT PARK
NEW BUILDING**
CITY OF EAST PROVIDENCE
684 & 700 BULLOCKS POINT AVENUE
RIVERSIDE, RI 02915

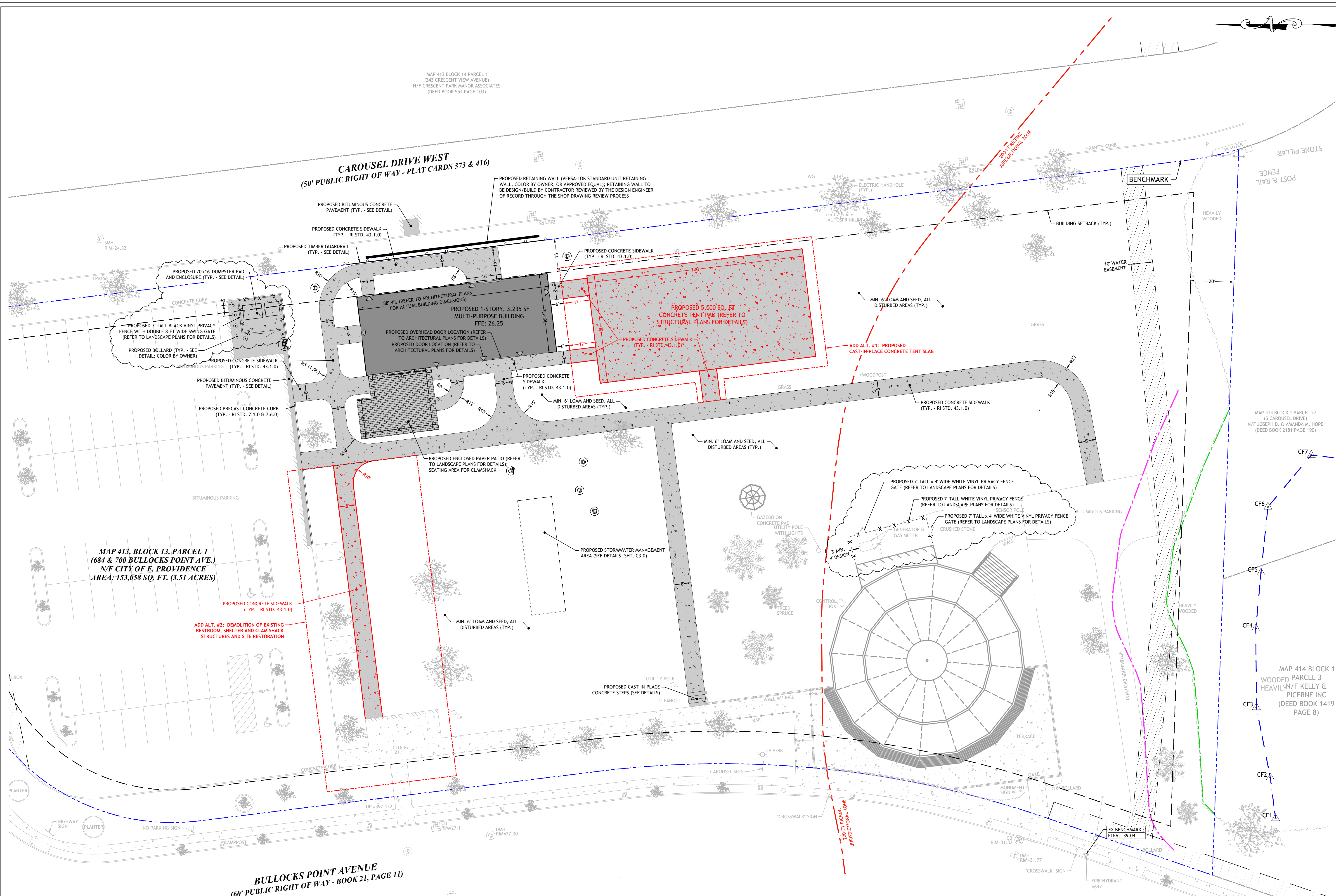
REVISIONS:

NO.	DESCRIPTION
CF1	EXISTING BUFFER ZONE (COINCIDES WITH EXISTING TREE LINE)
CF2	EXISTING BUFFER ZONE (COINCIDES WITH EXISTING TREE LINE)
CF3	EXISTING BUFFER ZONE (COINCIDES WITH EXISTING TREE LINE)
CF4	EXISTING BUFFER ZONE (COINCIDES WITH EXISTING TREE LINE)
CF5	EXISTING BUFFER ZONE (COINCIDES WITH EXISTING TREE LINE)
CF6	EXISTING BUFFER ZONE (COINCIDES WITH EXISTING TREE LINE)
CF7	EXISTING BUFFER ZONE (COINCIDES WITH EXISTING TREE LINE)

**EXISTING
CONDITIONS
AND SITE PREP.
PLAN**

DATE: 10/31/24
NCA/JCE JOB NO.: 23100/23-32
DRAWING NO.: **C1.0**

**CRESCENT PARK
NEW BUILDING**
CITY OF EAST PROVIDENCE
684 & 700 BULLOCKS POINT AVENUE
RIVERSIDE, RI 02915



REVISIONS:

SITE PLAN

DATE: 10/31/24

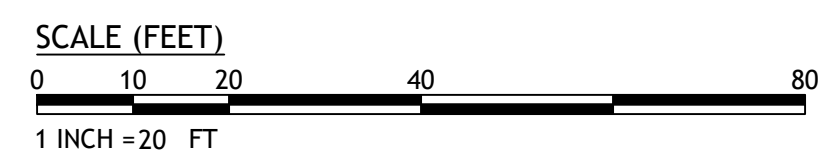
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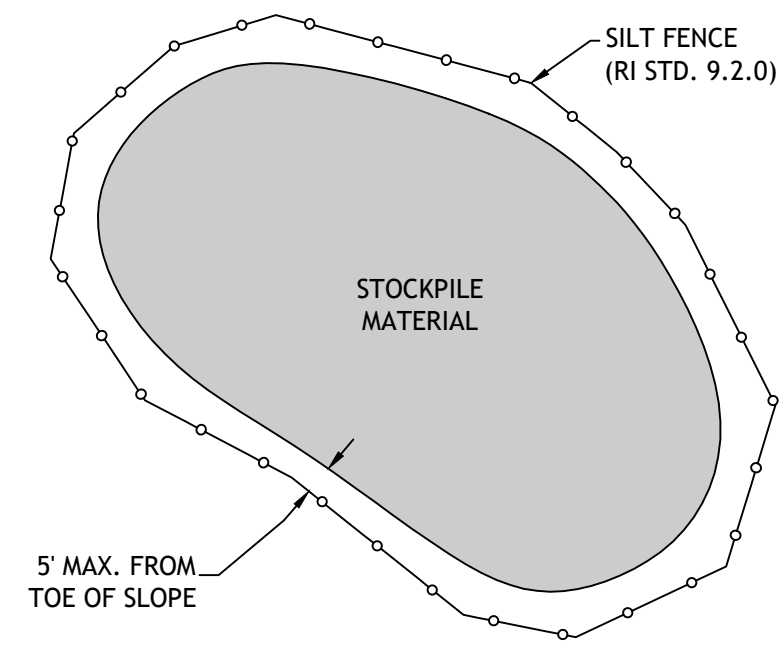
C2.0

JCE

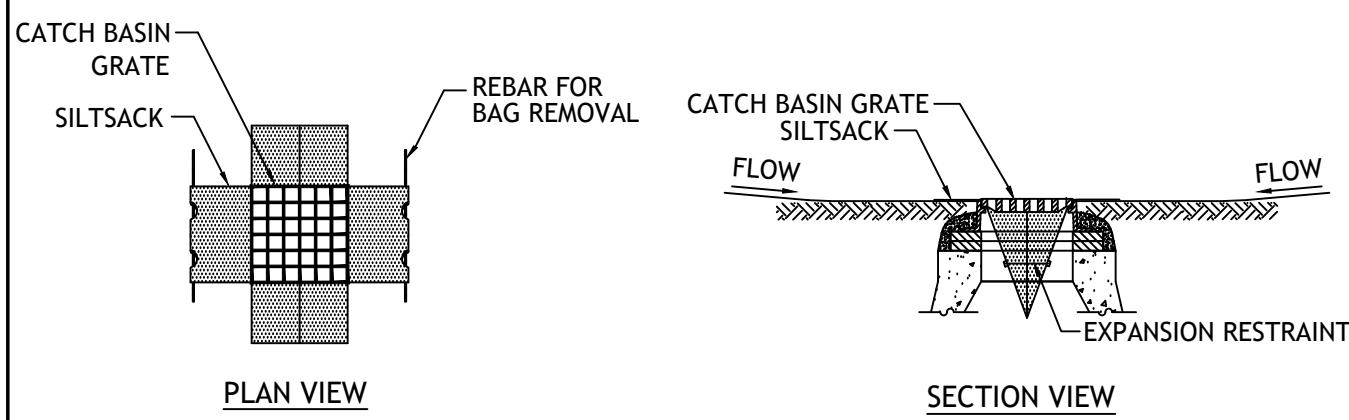
JOE CASALI ENGINEERING, INC.
CIVIL - SITE DEVELOPMENT - TRANSPORTATION
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NOTE TO CONTRACTOR:
CONTRACTOR TO COORDINATE WITH OWNER ON LOCATION OF CONSTRUCTION TRAILER AND STAGING AREAS

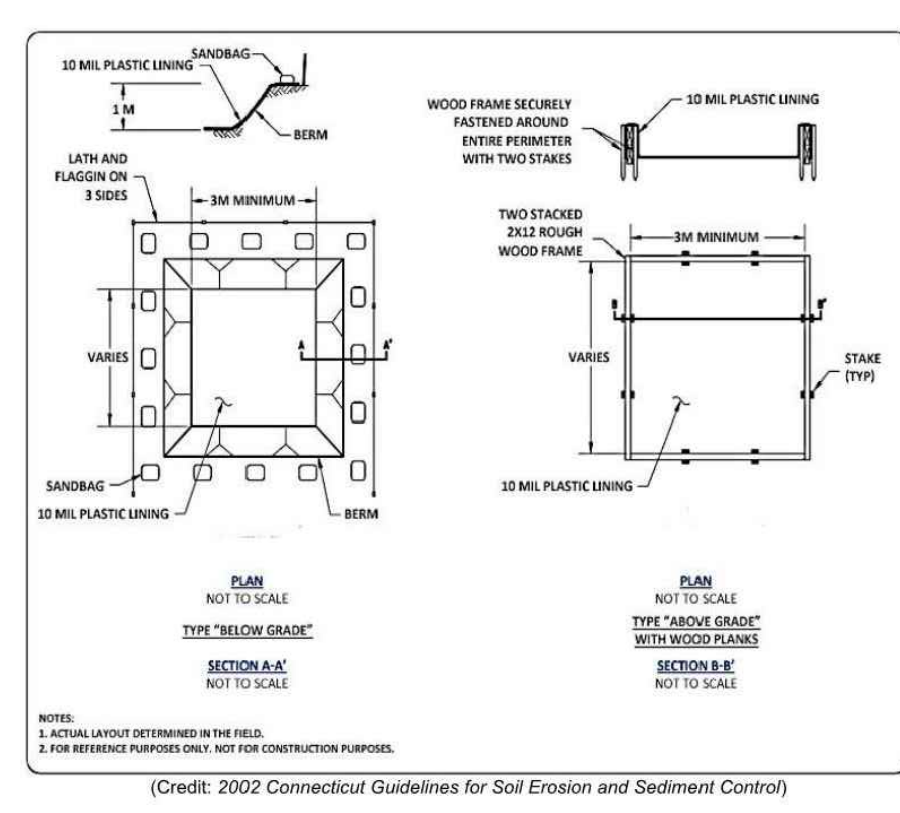


1 STOCKPILE DETAIL
NOT TO SCALE

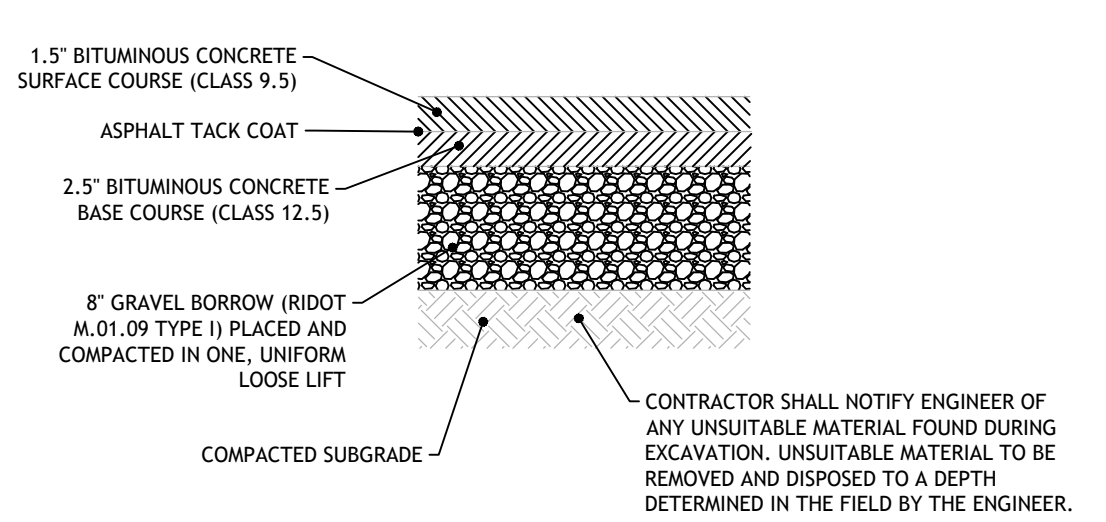


NOTES:
1. INSTALL SILTSACKS IN CATCH BASINS AT THE LOCATIONS SHOWN ON THE EXISTING CONDITIONS & SITE PREPARATION PLANS BEFORE COMMENCING ANY LAND DISTURBING ACTIVITIES.
2. GRATE TO BE PLACED OVER SILTSACK. SILTSACK SHALL BE INSPECTED PERIODICALLY AND AFTER ALL STORM EVENTS AND CLEANING OR REPLACEMENT SHALL BE PERFORMED PROMPTLY AS NEEDED. MAINTAIN UNTIL UPSTREAM AREAS HAVE BEEN PERMANENTLY STABILIZED

2 SILTSACK SEDIMENT TRAP
NOT TO SCALE

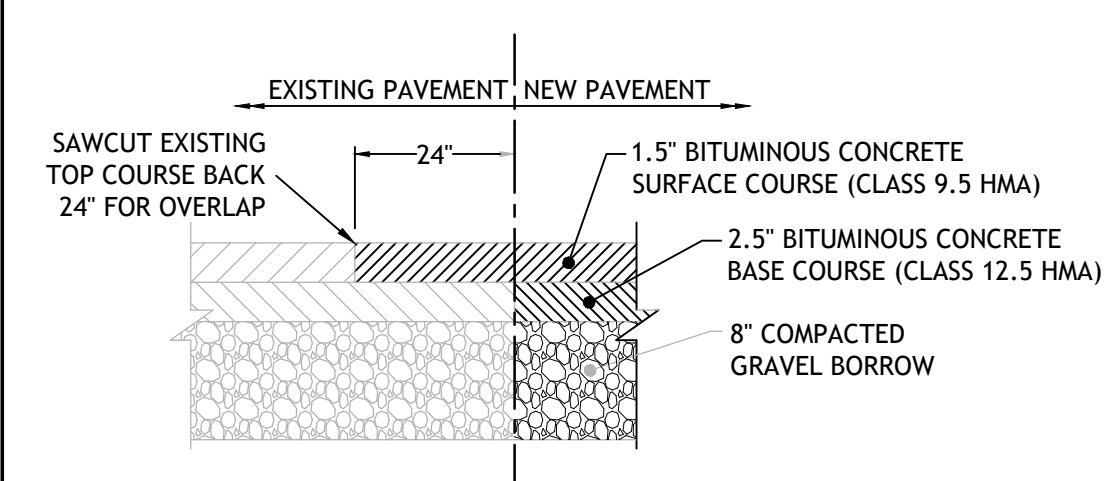


3 TEMP. CONCRETE WASHOUT FACILITY
NOT TO SCALE



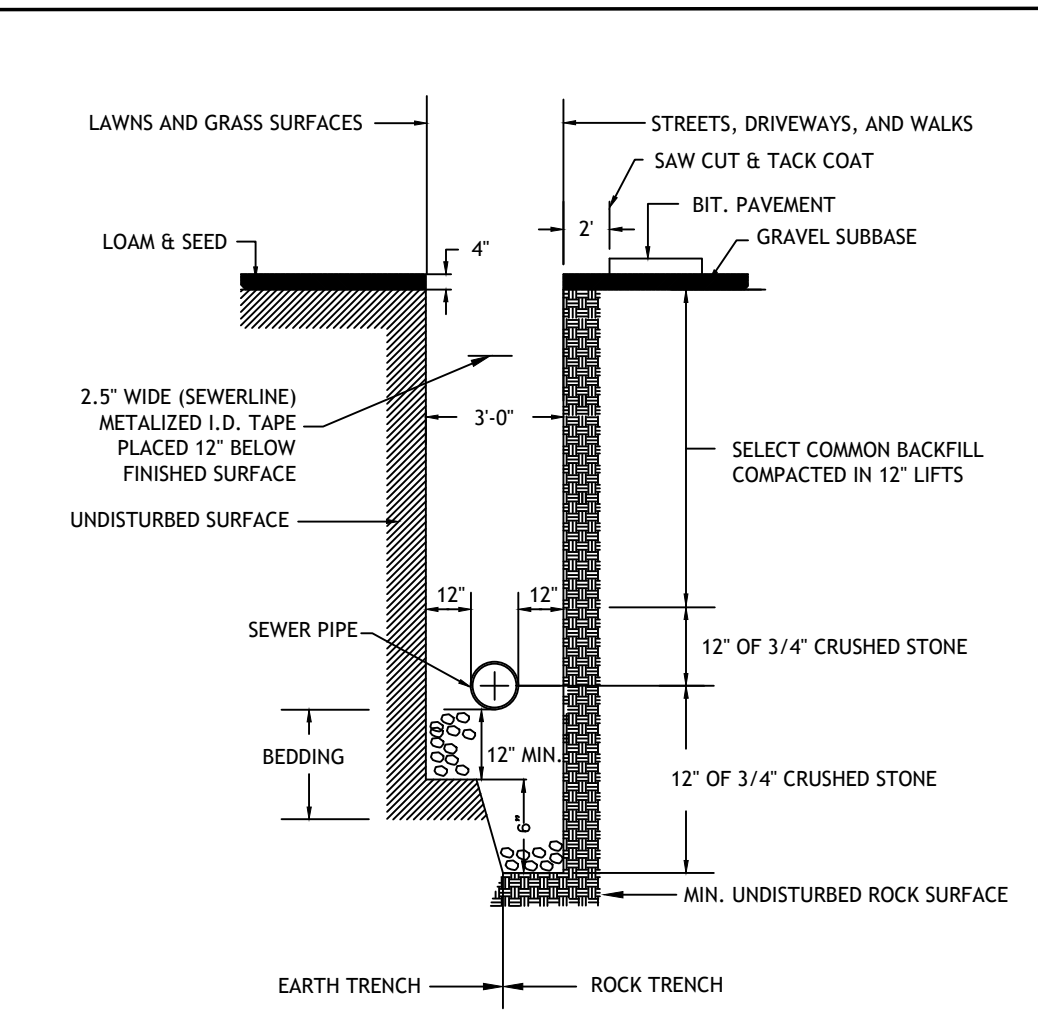
NOTES:
1. MATERIALS SHALL BE IN ACCORDANCE WITH UFC 3-250-01 (PAVEMENT DESIGN FOR ROADS AND PARKING AREAS), UFC 3-201-01 (CIVIL ENGINEERING) AND THE RHODE ISLAND STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, AUGUST 2023, WHICHEVER IS MORE STRINGENT.
2. IF UNSUITABLE MATERIALS ARE ENCOUNTERED AT SUBGRADE ELEVATION, THE CONTRACTOR SHALL NOTIFY THE ENGINEER. THE DEPTH OF UNSUITABLE MATERIAL TO BE DETERMINED IN THE FIELD. THE CONTRACTOR SHALL REMOVE AND PROPERLY DISPOSE THE UNSUITABLE MATERIALS AND REPLACE WITH SUITABLE MATERIAL APPROVED BY THE ENGINEER.
3. MINIMUM COMPACTION FOR GRAVEL BORROW SUB-BASE AND SUBGRADE: 95% MODIFIED PROCTOR.

4 BITUMINOUS CONCRETE PAVEMENT
NOT TO SCALE



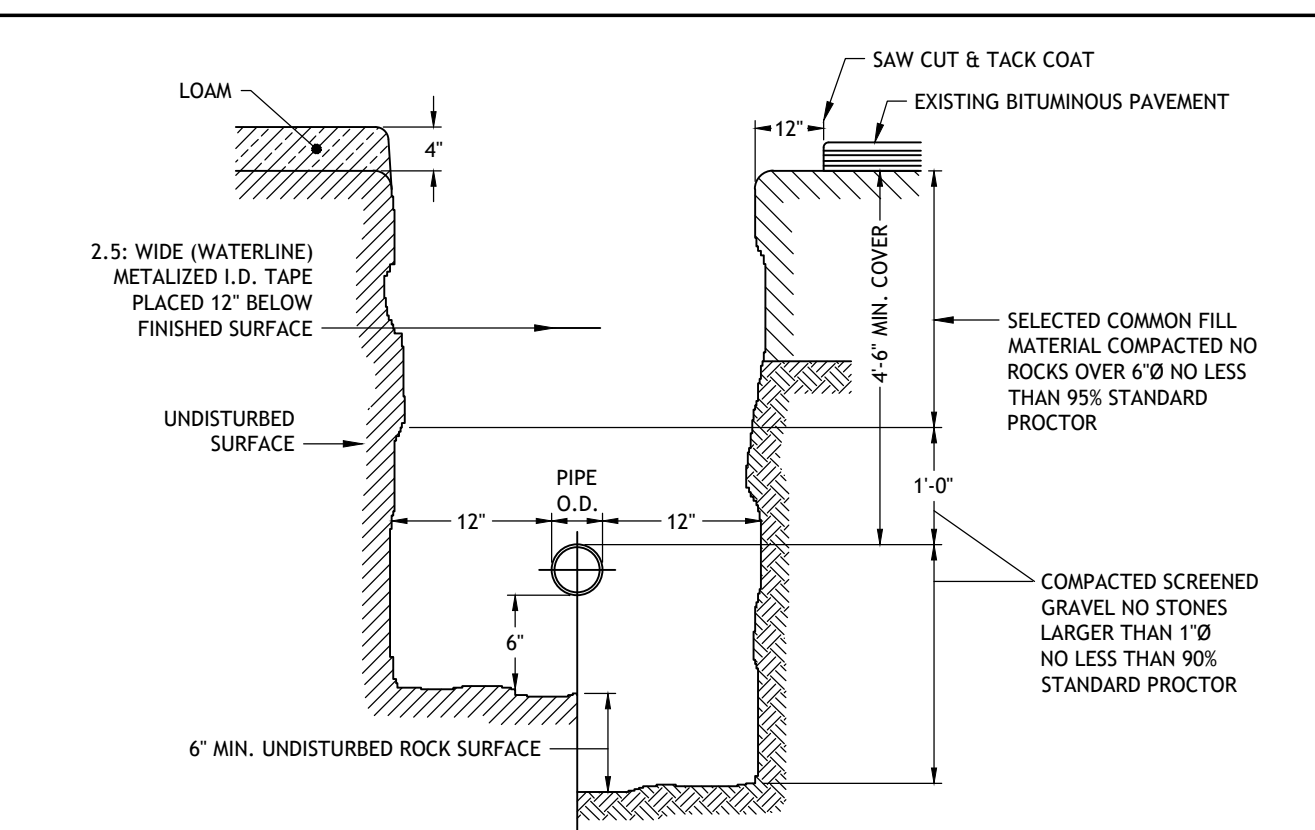
NOTE:
PROVIDE BITUMINOUS TACK COAT AT ALL SAWCUTS.

5 PAVEMENT CUT AND MATCH DETAIL
NOT TO SCALE

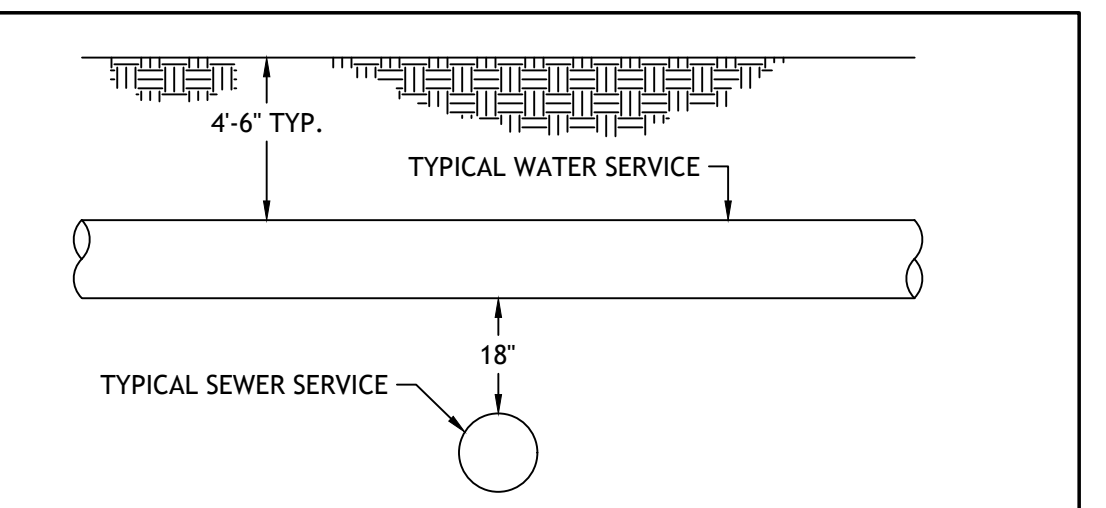


NOTES:
1. 3/4 INCH CRUSHED STONE FOUNDATION SHALL BE PLACED 12" UNDER THE PIPE UP TO THE PIPE GRADE. THE PIPE LAID THEREON, AND 3/4 INCH CRUSHED STONE PULLED AGAINST THE PIPE SIDE TO FIRMLY HOLD THE PIPE IN PLACE. NO BLOCKS OR STONES SHALL BE USED TO SUPPORT THE PIPE.
2. 3/4 INCH CRUSHED STONE HAUNCHING SHALL BE BROUGHT LEVEL TO THE TOP OF THE PIPE AND OUT TO THE TRENCH WALL AT THIS ELEVATION FOR ALL PIPE. 3/4 INCH CRUSHED STONE BLANKET SHALL BE PLACED 12" ABOVE THE PIPE.

6 TYPICAL SEWER LINE TRENCH DETAIL
NOT TO SCALE

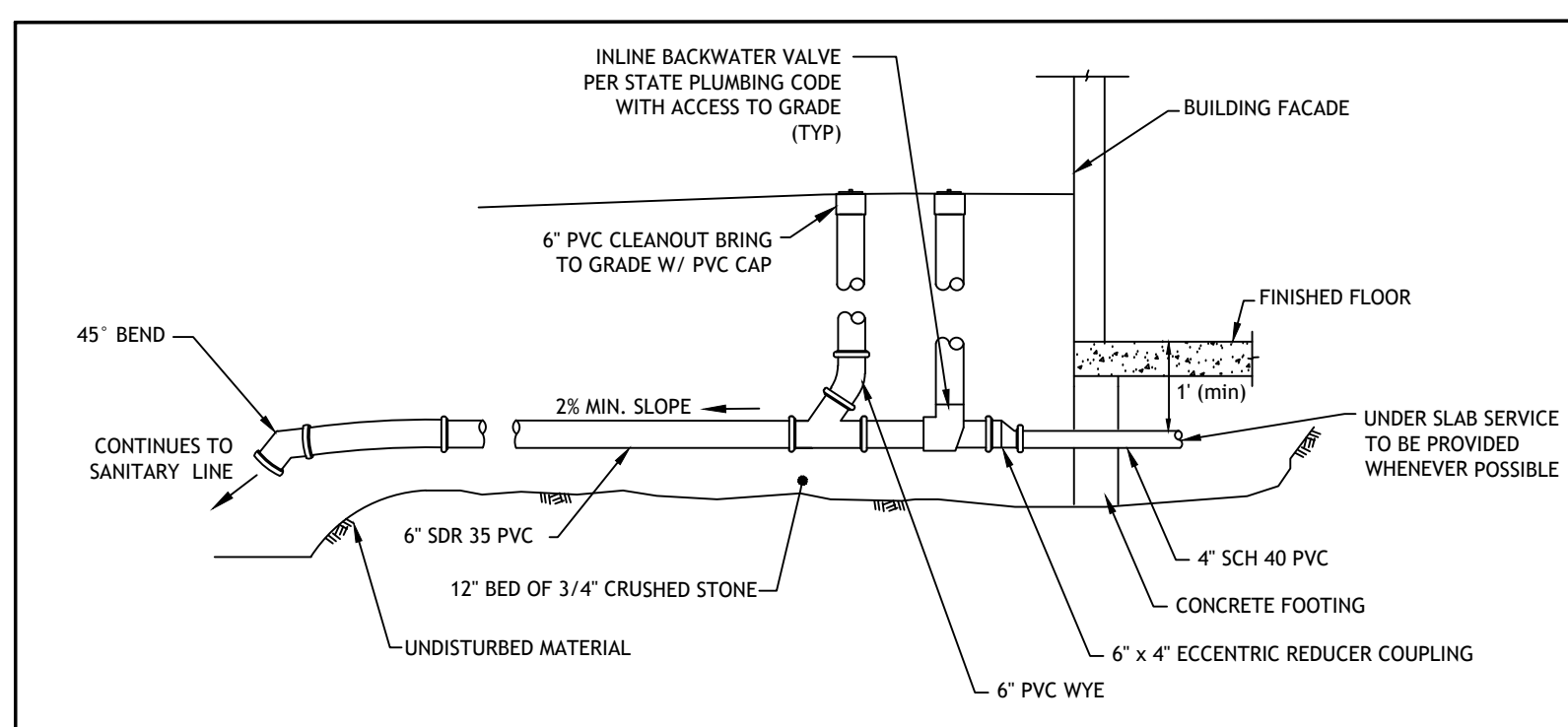


7 WATER TRENCH DETAIL
NOT TO SCALE

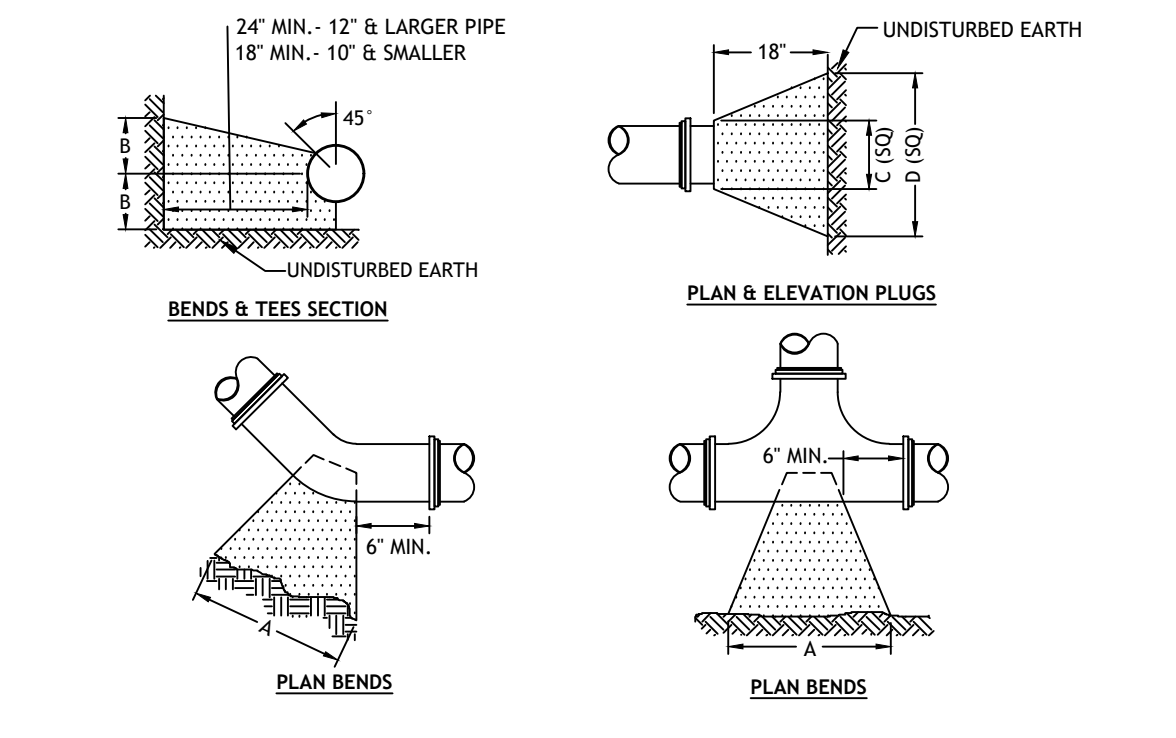


NOTES:
1. THE VERTICAL SEPARATION BETWEEN THE WATER MAIN AND THE PROPOSED SEWER SHALL BE A MINIMUM OF 18 INCHES.
2. THE HORIZONTAL SEPARATION BETWEEN THE WATER MAIN AND THE PROPOSED SEWER SHALL BE MINIMUM OF 10 FEET.
3. IF 1 OR 2 CANNOT BE MAINTAINED THE PROPOSED SEWER SHALL BE INSTALLED WITHIN A CARRIER PIPE. SEWER MAIN AND SERVICES ARE NOT ALLOWED TO CROSS OVER THE TOP OF WATER MAIN.
4. SEWER PIPE SHALL BE SUPPORTED WITHIN THE CARRIER PIPE TO MAINTAIN A CONSTANT SLOPE WITHIN THE CARRIER PIPE.

8 SEWER/WATER SEPARATION DETAIL
NOT TO SCALE



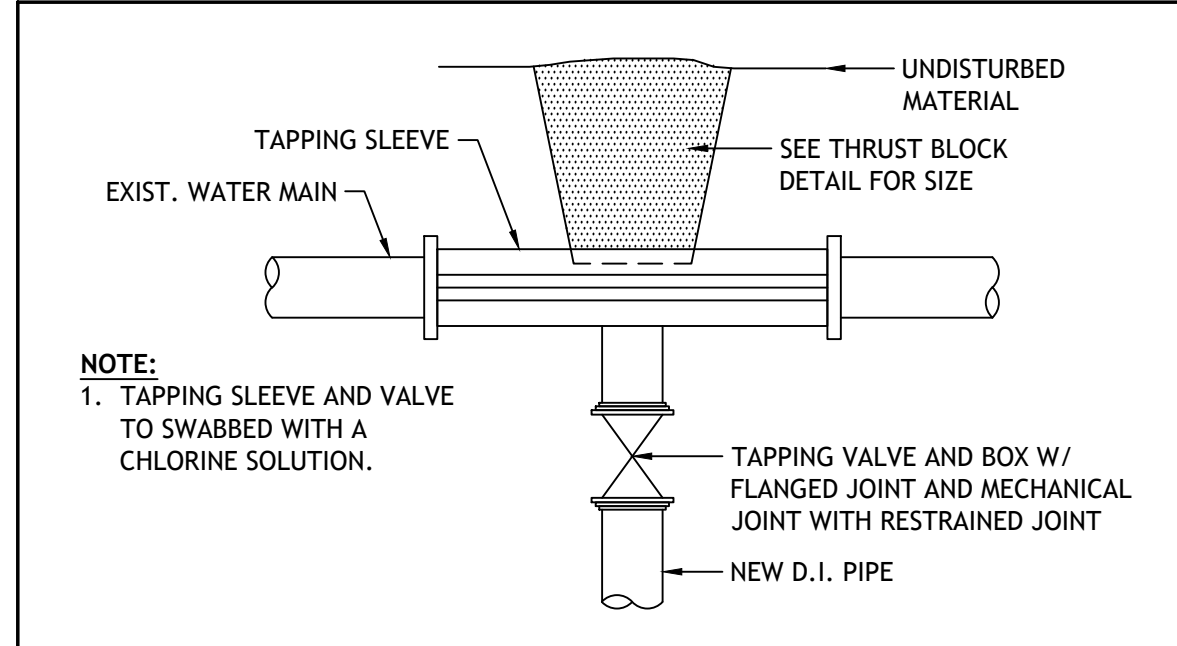
9 GRAVITY SEWER BUILDING CONNECTION DETAIL
NOT TO SCALE



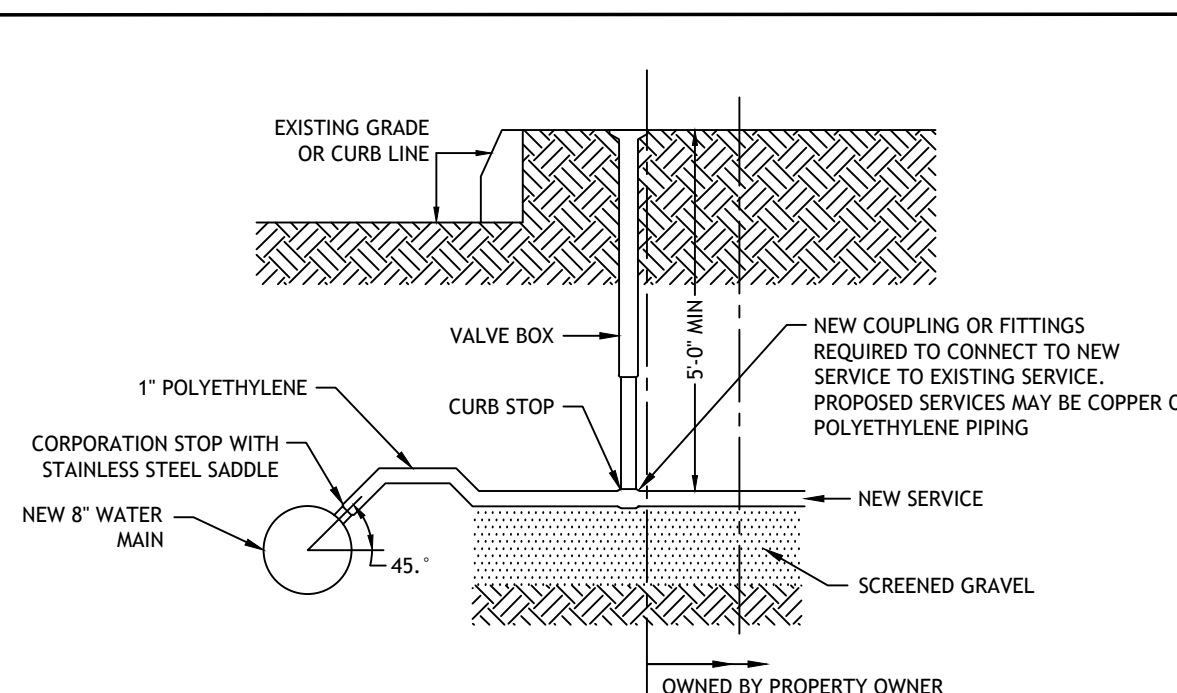
NOTE:
1. ALL CONCRETE SHALL BE 4000 P.S.I. @ 28 DAYS.
2. CONCRETE THRUST BLOCKS SHALL BEAR AGAINST UNDISTURBED EARTH.
3. FORMS TO BE USED AS NECESSARY.
4. ALL BOLTS AND NUTS TO BE PROTECTED FROM CONCRETE AND EASILY ACCESSIBLE WHEN THRUST BLOCK INSTALLED.

SIZE	TEES		PLUGS		90° BEND		45° BEND		22.1/2° BEND		11.1/4° BEND	
	A	B	C	D	A	B	A	B	A	B	A	B
4"	22"	12"	22"	12"	24"	16"	20"	10"	14"	7"	11"	5"
6"	30"	18"	30"	18"	35"	22"	27"	15"	19"	12"	13"	8"
8"	38"	24"	38"	24"	46"	29"	33"	22"	25"	14"	19"	10"
10"	41"	28"	41"	28"	48"	34"	36"	24"	27"	17"	21"	11"

10 THRUST BLOCK DETAIL
NOT TO SCALE

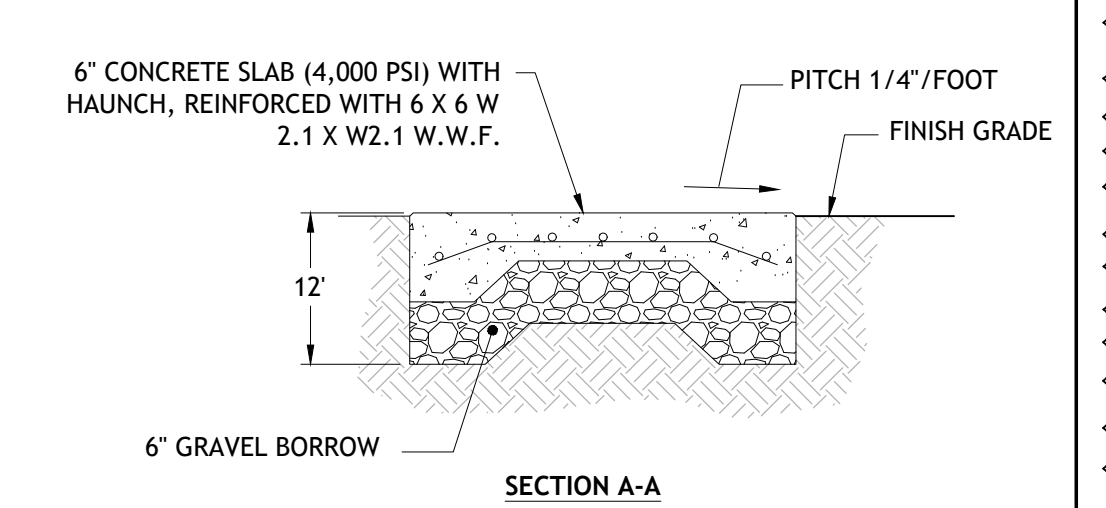
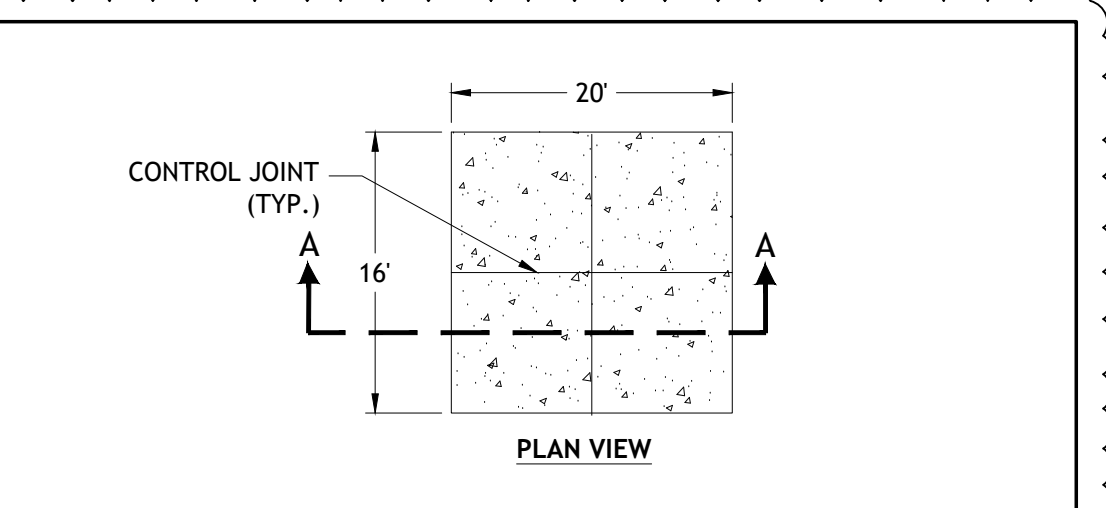


11 TAPPING SLEEVE AND VALVE
NOT TO SCALE

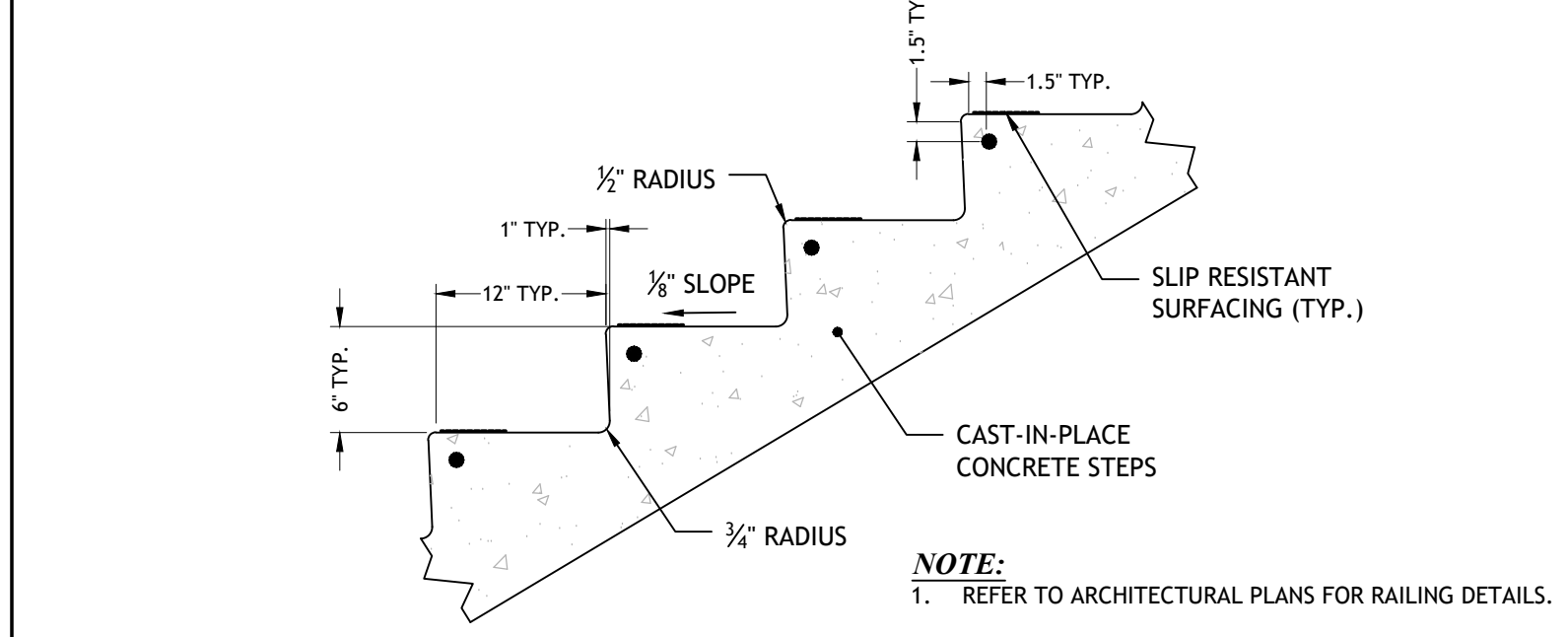
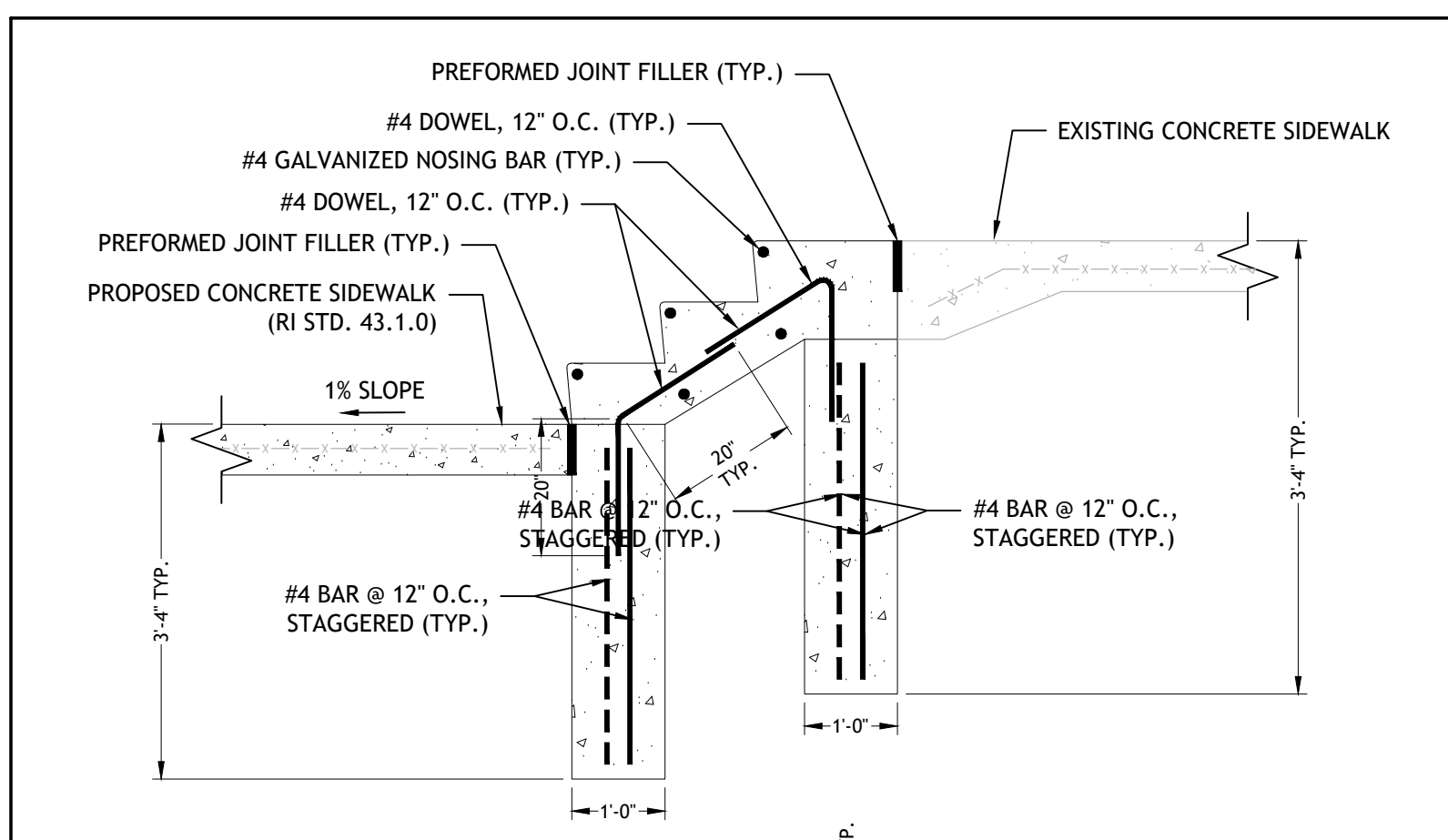


NOTE:
1. SERVICE LINE FROM CURB BOX TO BUILDING SHALL BE INSPECTED, TESTED AND APPROVED BY THE LOCAL PLUMBING INSPECTOR.

12 TYPICAL WATER SERVICE CONNECTION WITH COPORATION STOP AND CURB STOP
NOT TO SCALE



13 DUMPSTER PAD DETAIL
NOT TO SCALE



14 CONCRETE STEPS DETAILS
NOT TO SCALE

650 Ten Rod Road
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REVISIONS:

DETAILS II

DATE: 10/31/24

NCA/JCE JOB NO.: 23100/23-32

DRAWING NO.:

C5.1