

DCYF New Female Youth Residential Facility

Plat 67 Block 4, Lot 1
 160 Main Street
 Exeter, Rhode Island 02822

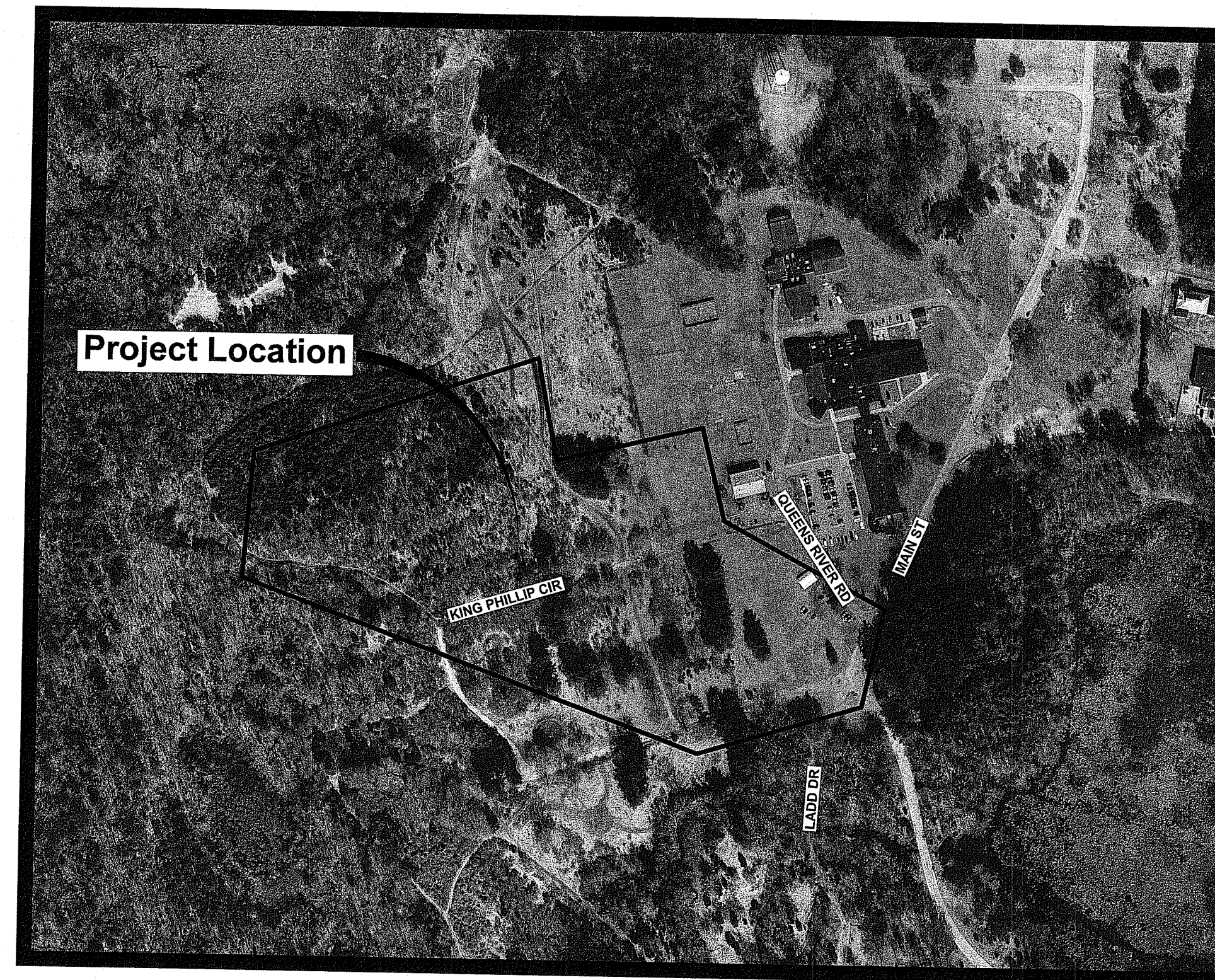
CIVIL ENGINEER:



PARE CORPORATION
 ENGINEERS - SCIENTISTS - PLANNERS
 8 BLACKSTONE VALLEY PLACE
 LINCOLN, RI 02865
 401-334-4100

OWNER / APPLICANT:

RHODE ISLAND DEPARTMENT OF
 CHILDREN, YOUTH AND FAMILIES
 101 FRIENDSHIP STREET
 PROVIDENCE, RI 02903



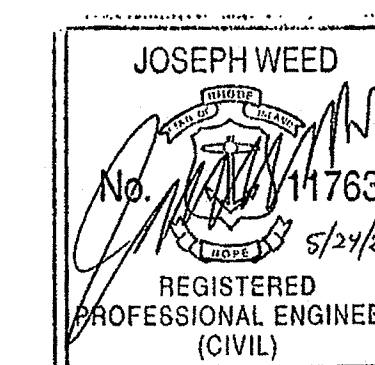
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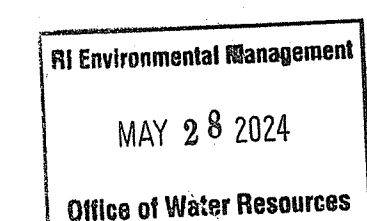
RI DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
 OFFICE OF WATER RESOURCES
 FRESHWATER WETLANDS PROGRAM
 NOTE PER DEM:
 Kindly be advised that this Permit
 is not equivalent to a
 verification of the type or extent
 of freshwater wetlands on site

RIDEM PERMIT SUBMISSION
 APRIL 5, 2024
 REVISED MAY 7, 2024



RI DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
 OFFICE OF WATER RESOURCES
 FRESHWATER WETLANDS PROGRAM
 APPROVED WITH CONDITIONS AS
 SPECIFIED IN THE LETTER OF APPROVAL
 DATED: JUN 10 2024 FILE #: 24-0085
 NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL
 APPROVED PLANS MUST BE AT CONSTRUCTION SITE

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REFERENCE

- 1. PROJECT LOCATION: LADD CENTER, 160 MAIN STREET, EXETER RI 02822 ASSESSOR'S MAP 67, BLOCK 4, LOT 1.
2. EXISTING CONDITIONS MAPPING TAKEN FROM PLAN ENTITLED 'DCYF FEMALE YOUTH RESIDENTIAL FACILITY EXETER RHODE ISLAND' PREPARED BY MARTINEZ COUCH & ASSOCIATES, LLC, DATED AUGUST 30, 2023.
3. WETLAND FLAGS IDENTIFYING WETLAND RESOURCE AREAS WERE PLACED BY PARE CORPORATION ON APRIL 18, 2023 AND LOCATED BY MARTINEZ COUCH & ASSOCIATES, LLC, DATED AUGUST 30, 2023.

GENERAL NOTES

- 1. PER AVAILABLE RIDEM MAPPING, THE PROJECT SITE IS LOCATED OUTSIDE A NATURAL HERITAGE AREA.
2. THE STATE OF RHODE ISLAND STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, AMENDED MARCH 2018 WITH ALL REVISIONS AND ADDENDA, AND THE RHODE ISLAND STANDARD DETAILS ARE MADE A PART HEREOF AS FULLY AND COMPLETELY AS IF ATTACHED HERETO. ALL WORK SHALL MEET OR EXCEED THE RHODE ISLAND STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, WITH LATEST REVISIONS. THE LATEST REVISION OF THE STANDARD SPECIFICATIONS MAY BE OBTAINED AT THE RHODE ISLAND DEPARTMENT OF TRANSPORTATION.
3. THE CONTRACTOR SHALL MAKE ALL NECESSARY CONSTRUCTION NOTIFICATIONS AND APPLY FOR AND OBTAIN ALL NECESSARY CONSTRUCTION PERMITS, PAY ALL FEES AND POST ALL BONDS ASSOCIATED WITH THE SAME, AND COORDINATE WITH THE ENGINEER AND OWNER'S REPRESENTATIVE AS REQUIRED.
4. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR JOB SITE SAFETY. THE CONTRACTOR SHALL PROVIDE TEMPORARY FENCING AND/OR BARRIERS AROUND ALL OPEN EXCAVATED AREAS IN ACCORDANCE WITH OSHA FEDERAL, STATE, AND LOCAL REQUIREMENTS.
5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THAT THE PROPOSED IMPROVEMENTS SHOWN ON THE PLANS DO NOT CONFLICT WITH ANY KNOWN EXISTING OR OTHER PROPOSED IMPROVEMENTS. IF ANY CONFLICTS ARE DISCOVERED, THE CONTRACTOR SHALL NOTIFY THE OWNER AND THE ENGINEER PRIOR TO INSTALLATION OF ANY PORTION OF THE SITE WORK WHICH WOULD BE AFFECTED. NO FIELD ADJUSTMENTS IN THE LOCATION OF SITE ELEMENTS SHALL BE MADE WITHOUT THE ENGINEER'S APPROVAL.
6. IF ANY DEVIATION OR ALTERATION OF THE WORK PROPOSED ON THESE DRAWINGS IS REQUIRED, THE CONTRACTOR SHALL IMMEDIATELY CONTACT AND COORDINATE ANY DEVIATIONS WITH THE ENGINEER AND OWNER.
7. ANY AREA OUTSIDE OF THE LIMIT OF WORK THAT IS DISTURBED SHALL BE RESTORED TO ITS ORIGINAL CONDITION AT NO ADDITIONAL COST TO THE OWNER.
8. ALL SITE WORK SHALL MEET OR EXCEED THE SITE WORK SPECIFICATIONS PREPARED FOR THIS PROJECT.
9. ALL SIGNS SHALL BE REFLECTORIZED TYPE III SHEETING AND CONFORM WITH THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), LATEST REVISION.
10. ALL UTILITIES (LOCATION AND ELEVATION) DEPICTED SHALL BE CONSIDERED APPROXIMATE ONLY. BEFORE COMMENCING SITE WORK IN ANY AREA, CONTACT 'DIG SAFE' AT 1-888-DIG-SAFE (1-888-344-7233) TO ACCURATELY LOCATE UNDERGROUND UTILITIES. ANY DAMAGE TO EXISTING UTILITIES OR STRUCTURES AND THE COST TO REPAIR THE DAMAGES TO INITIAL CONDITIONS, AS DEPICTED ON THE PLANS, SHALL BE THE CONTRACTOR'S RESPONSIBILITY.
11. NO EXCAVATION SHALL BE DONE UNTIL UTILITY COMPANIES ARE PROPERLY NOTIFIED IN ADVANCE. NOTE THAT NOT ALL EXISTING UNDERGROUND UTILITIES ARE SHOWN. IT IS THE CONTRACTOR'S RESPONSIBILITY TO CONTACT ALL RESPECTIVE UTILITY COMPANIES TO VERIFY AND LOCATE EXISTING UTILITIES.

LAYOUT NOTES

- 1. ALL LINES ARE PERPENDICULAR OR PARALLEL TO THE LINES FROM WHICH THEY ARE MEASURED UNLESS OTHERWISE INDICATED.
2. ACCESSIBLE RAMPS SHALL BE FURNISHED AND INSTALLED IN ACCORDANCE WITH THE AMERICANS WITH DISABILITIES ACT (ADA) ACCESSIBILITY STANDARDS.
3. PRIOR TO COMMENCING WORK, THE CONTRACTOR SHALL PERFORM BENCHMARK FIELD LEVEL VERIFICATION AND COORDINATE LAYOUT CHECK. THE CONTRACTOR SHALL CONTACT PARE CORPORATION IF ANY DISCREPANCIES ARE FOUND.
4. DIMENSIONS OF PARKING SPACES AND DRIVEWAYS ARE FROM FACE OF CURB TO FACE OF CURB. DIMENSIONS FROM BUILDING ARE FROM FACE OF BUILDING TO FACE OF CURB.
5. ALIGN WALKWAYS ON DOORWAYS THEY SERVE TO PROVIDE MINIMUM REQUIRED MANEUVERING CLEARANCE IN ACCORDANCE WITH THE AMERICAN WITH DISABILITIES ACT (ADA) ACCESSIBILITY GUIDELINES.

DEMOLITION NOTES

- 1. THE CONTRACTOR SHALL COORDINATE ALL DEMOLITION OF STRUCTURES, PAVEMENT AND CONCRETE MATERIALS, AND UTILITIES WITH APPROPRIATE PROPOSED SITE GENERAL, GRADING, UTILITY, AND LANDSCAPING DRAWINGS.
2. ALL NOTED UTILITIES TO BE REMOVED AND DISPOSED OF, RELOCATED OR CAPPED REPRESENT ALL KNOWN SITE CONDITIONS TO BE DEMOLISHED. THE CONTRACTOR SHALL COORDINATE ALL UNFORESEEN CONDITIONS WITH THE PROJECT ENGINEER, OWNER AND/OR RESPECTIVE UTILITY COMPANIES PRIOR TO PROCEEDING WITH WORK.
3. WATER, SEWER, DRAINAGE, GAS, AND OTHER SITE UTILITIES SERVICING THE EXISTING FACILITIES ARE TO REMAIN ACTIVE THROUGHOUT CONSTRUCTION. THERE SHALL BE NO INTERRUPTION OF UTILITY SERVICES DURING THE CONSTRUCTION OPERATION WITHOUT APPROVAL FROM THE OWNER.

GRADING AND UTILITY NOTES

- 1. UNDERGROUND UTILITIES DEPICTED WERE COMPILED FROM AVAILABLE RECORD PLANS AND SHALL BE CONSIDERED APPROXIMATE ONLY. BEFORE COMMENCING SITE WORK IN ANY AREA, CONTACT 'DIG SAFE' AT 1-888-DIG-SAFE (1-888-344-7233) TO ACCURATELY LOCATE UNDERGROUND UTILITIES. ANY DAMAGE TO EXISTING UTILITIES OR STRUCTURES DEPICTED OR NOT DEPICTED ON THE PLANS SHALL BE THE CONTRACTOR'S RESPONSIBILITY. COSTS TO REPAIR SUCH DAMAGES SHALL BE THE CONTRACTOR'S RESPONSIBILITY. NO EXCAVATION SHALL BE DONE UNTIL UTILITY COMPANIES ARE PROPERLY NOTIFIED.
2. ALL WORK PERFORMED AND ALL MATERIALS FURNISHED SHALL CONFORM WITH THE LINES AND GRADES ON THE PLANS AND SITE WORK SPECIFICATIONS.
3. AT ALL LOCATIONS WHERE EXISTING CURBING OR PAVEMENT ABUT NEW CONSTRUCTION, THE EDGE OF THE EXISTING CURB OR PAVEMENT SHALL BE SAWCUT TO A CLEAN, SMOOTH EDGE, BLEND NEW PAVEMENT AND CURBS SMOOTHLY INTO EXISTING BY MATCHING LINES, GRADES AND JOINTS.
4. ALL UTILITY COVERS, GRATES, ETC. SHALL BE ADJUSTED TO BE FLUSH WITH THE SURROUNDING SURFACE OR PAVEMENT FINISH GRADE. RIM ELEVATIONS OF STRUCTURES AND MANHOLES ARE APPROXIMATE. FINAL ELEVATIONS ARE TO BE SET FLUSH AND CONSISTENT WITH THE GRADING PLANS.
5. THE CONTRACTOR SHALL MAKE ALL ARRANGEMENTS FOR THE ALTERATION OF PRIVATE UTILITIES BY THE UTILITY COMPANIES, AS REQUIRED.
6. WHERE AN EXISTING UTILITY IS FOUND TO CONFLICT WITH THE PROPOSED WORK, THE LOCATION, ELEVATION AND SIZE OF THE UTILITY SHALL BE ACCURATELY DETERMINED WITHOUT DELAY BY THE CONTRACTOR AND THE INFORMATION SHALL BE PROVIDED ON A SKETCH TO SCALE OF THE EXISTING UTILITY WITH TIES TO KNOWN POINTS, PHOTOS AND FURNISHED TO THE ENGINEER FOR RESOLUTION.
7. THE CONTRACTOR SHALL PROTECT ALL UNDERGROUND DRAINAGE, SEWER AND UTILITY FACILITIES FROM EXCESSIVE VEHICULAR LOADS DURING CONSTRUCTION. ANY DAMAGE TO THESE FACILITIES RESULTING FROM CONSTRUCTION LOADS SHALL BE RESTORED TO ORIGINAL CONDITION AT NO ADDITIONAL COST TO THE OWNER.
8. GAS, ELECTRIC, AND COMMUNICATIONS ROUTING ARE SUBJECT TO REVIEW AND APPROVAL BY APPROPRIATE UTILITY COMPANIES.
9. DURING CONSTRUCTION OPERATIONS, THE CONTRACTOR SHALL PROTECT EXISTING UTILITIES BY PROVIDING TEMPORARY SUPPORTS OR SHEETING AS REQUIRED AT NO ADDITIONAL COST TO THE OWNER.
10. ALL GRAVITY SANITARY PIPING SHALL BE SDR-35 PVC. ALL ONSITE WASTE WATER TREATMENT SYSTEMS CONSTRUCTION SHALL CONFORM TO RHODE ISLAND STATE REGULATIONS.
11. ALL WATER LINE BENDS AND TEES SHALL BE REINFORCED WITH THRUST BLOCKS. ALL WATER DISTRIBUTION PIPING AND FITTINGS MUST ADHERE TO THE QUONSET DEVELOPMENT CORPORATION SPECIFICATIONS AND SHALL BE INSPECTED BEFORE, DURING, AND AFTER CONSTRUCTION PRIOR TO TAPPING THE SERVICE MAIN. THE CONTRACTOR SHALL COORDINATE AND CONFIRM ALL WATER DISTRIBUTION MATERIAL PRODUCTS WITH THE QUONSET DEVELOPMENT CORPORATION PRIOR TO ORDERING OR PURCHASING PRODUCTS.
12. EXCAVATION REQUIRED WITHIN THE PROXIMITY OF EXISTING UTILITY LINES SHALL BE DONE BY HAND. CONTRACTOR SHALL REPAIR ANY DAMAGE TO EXISTING UTILITY LINES OR STRUCTURES INCURRED DURING CONSTRUCTION OPERATIONS AT NO ADDITIONAL COST TO THE OWNER.
13. PITCH EVENLY BETWEEN SPOT GRADES. ALL PAVED AREAS MUST PITCH TO DRAIN AT A MIN. OF 1/8" PER FOOT UNLESS SPECIFIED OTHERWISE.
14. THE PROPOSED WALKWAYS SHALL HAVE A MAXIMUM CROSS SLOPE OF 2% AND A MAXIMUM RUNNING SLOPE OF 5% AS SHOWN ON CONSTRUCTION DETAILS AND GRADING PLAN.

EROSION AND SEDIMENTATION CONTROL NOTES - RHODE ISLAND

- 1. THE CONTRACTOR AND RELEVANT SUBCONTRACTORS SHALL READ AND UNDERSTAND THE RIDES GENERAL PERMIT FOR STORMWATER DISCHARGES ASSOCIATED WITH CONSTRUCTION ACTIVITY (GENERAL PERMIT) AND THE SITE SPECIFIC SOIL EROSION AND SEDIMENT CONTROL PLAN (BESC) PREPARED FOR THE PROJECT. ALL EROSION CONTROLS SHALL BE IN ACCORDANCE WITH THE RHODE ISLAND SOIL EROSION AND SEDIMENT CONTROL HANDBOOK, LATEST REVISION.
2. THE CONTRACTOR SHALL BECOME FAMILIAR WITH THE CONDITIONS ISSUED FOR THE PROJECT BY RIDEM AND BE RESPONSIBLE FOR CONFORMANCE WITH ALL PERMIT REQUIREMENTS AND CONSTRUCTION DOCUMENTS.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ESTABLISHING OR INSTALLING ALL TEMPORARY SEDIMENT AND EROSION CONTROLS AS SHOWN ON THESE PLANS AND SHALL MAINTAIN ALL EROSION CONTROL MEASURES AS NECESSARY DURING THE ENTIRE CONSTRUCTION PERIOD.
4. ANTI-TRACKING PADS (R.I. STD. DETAIL 9.9.0) SHALL BE PROVIDED AT ALL POINTS OF VEHICULAR INGRESS AND EGRESS ON THE CONSTRUCTION SITE AND SHALL BE MAINTAINED TO LIMIT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC ROADS.
5. EROSION CONTROL BARRIERS SHALL BE INSTALLED AS SHOWN ON THE EROSION CONTROL PLAN PRIOR TO COMMENCEMENT OF CONSTRUCTION OPERATIONS.
6. SOIL EROSION AND SEDIMENTATION CONTROL MEASURES SHALL BE INSPECTED AND MAINTAINED ON A WEEKLY BASIS AND AFTER EACH STORM EVENT OF 0.25 INCH OR GREATER DURING CONSTRUCTION TO ENSURE THAT CHANNELS, DITCHES AND PIPES ARE CLEAR OF DEBRIS AND THAT THE EROSION CONTROL BARRIERS ARE INTACT. IDENTIFIED DEFICIENCIES SHALL BE CORRECTED IMMEDIATELY.
7. DUST SHALL BE CONTROLLED BY WATERING OR OTHER APPROVED METHODS AS NECESSARY, OR AS DIRECTED BY THE OWNER OR OWNER'S REPRESENTATIVE.
8. THE CONTRACTOR SHALL CLEAN AND MAINTAIN EROSION CONTROL BARRIER WHEN SEDIMENT ACCUMULATES TO ONE HALF THE HEIGHT OF THE BARRIER. MATERIAL COLLECTED FROM THE SEDIMENTATION BARRIERS SHALL BE REMOVED AS NECESSARY AND DISPOSED IN AN UPLAND AREA.
9. THE CONTRACTOR SHALL SCHEDULE HIS WORK TO ALLOW THE FINISHED SUBGRADE ELEVATIONS TO DRAIN PROPERLY WITHOUT PONDING. SPECIFICALLY, ALLOW WATER TO ESCAPE WHERE PROPOSED CURB MAY RETAIN RUNOFF PRIOR TO APPLICATION OF SURFACE PAVING. PROVIDE TEMPORARY POSITIVE DRAINAGE, AS REQUIRED, TO STABILIZED DISCHARGE POINTS.
10. INSTALLATION OF THE EROSION CONTROL BARRIERS AS ILLUSTRATED IS INTENDED TO REPRESENT THE MINIMUM SEDIMENTATION CONTROL FACILITIES NECESSARY TO MEET ANTICIPATED SITE CONDITIONS. ADDITIONAL EROSION CONTROL MEASURES SHALL BE IMPLEMENTED AS CONDITIONS WARRANT OR AS DIRECTED BY THE OWNER OR OWNER'S REPRESENTATIVE.
11. REQUIRED SEDIMENTATION CONTROL FACILITIES MUST BE PROPERLY ESTABLISHED, CLEARLY VISIBLE AND IN OPERATION PRIOR TO INITIATING ANY LAND CLEARING ACTIVITY AND/OR OTHER CONSTRUCTION RELATED WORK. SUCH FACILITIES SHALL REPRESENT THE LIMIT OF WORK. WORKERS SHALL BE INFORMED THAT NO CONSTRUCTION ACTIVITY IS TO OCCUR BEYOND THE LIMIT OF WORK AT ANY TIME THROUGHOUT THE CONSTRUCTION PERIOD.
12. THE CONTRACTOR SHALL MAINTAIN A SUFFICIENT RESERVE OF VARIOUS EROSION CONTROL MATERIALS ONSITE AT ALL TIMES FOR EMERGENCY PURPOSES OR ROUTINE MAINTENANCE.
13. EXISTING AND NEWLY INSTALLED CATCH BASINS AND STORM DRAIN INLETS SHALL BE PROTECTED WITH APPROPRIATE TEMPORARY INLET PROTECTION IN ACCORDANCE WITH THE RHODE ISLAND SOIL EROSION AND SEDIMENT CONTROL HANDBOOK.
14. DEWATERING WASTE WATERS PUMPED FROM EXCAVATIONS SHALL BE CONVEYED BY HOSE TO AN UPLAND AREA AND DISCHARGED INTO STRAW BALE CORALS OR SEDIMENTATION BAGS.
15. THE CONTRACTOR SHALL NOT REMOVE ANY TEMPORARY SEDIMENT CONTROL BARRIERS UNTIL THE CONTRIBUTING DRAINAGE AREA HAS BEEN PERMANENTLY STABILIZED.
16. CONSTRUCTION SITE WASTE MATERIALS SHALL BE PROPERLY CONTAINED ONSITE AND DISPOSED OFF SITE AT A LOCATION IN ACCORDANCE WITH THE LOCAL AND STATE REGULATIONS.
17. RIP-RAP OR OTHER ENERGY DISSIPATORS SHALL BE USED WHERE NECESSARY TO PREVENT SCOUR.
18. ALL DISTURBED AREAS SHALL BE STABILIZED WITHIN 14 DAYS UPON COMPLETION OF WORK IN THAT AREA.
19. ALL DRAINAGE STRUCTURES SHALL BE CLEARED OF ACCUMULATED SEDIMENT PRIOR TO ACCEPTANCE OF FINAL PROJECT.
20. NEWLY VEGETATED AREAS SHALL BE MAINTAINED REGULARLY TO ENSURE STABLE VEGETATED SURFACES.
21. EROSION AND SEDIMENTATION CONTROLS SHALL BE UTILIZED AS SHOWN ON THE PLANS. POTENTIAL EROSION AND SEDIMENTATION PROBLEMS ASSOCIATED WITH THE CONSTRUCTION OF THE PROJECT SHALL BE AVOIDED THROUGH THE PROJECT SCHEDULING AND THE USE OF APPROPRIATE STANDARD CONTROLS (RHODE ISLAND SOIL EROSION AND SEDIMENTATION CONTROL HANDBOOK) AS ILLUSTRATED ON THE PROJECT PLANS.
22. WHERE EROSION CONTROLS ARE NEEDED ON IMPERVIOUS SURFACES, THE CONTRACTOR SHALL PROVIDE SAND BAG EROSION CONTROL BARRIER.
23. TEMPORARY DIVERSION (TD) MAY CONSIST OF A DITCH OR SWALE, OR MAY BE ACHIEVED USING WOOD CHIPS, COIR LOGS, OR SIMILAR MATERIALS.
24. TEMPORARY SEDIMENT TRAPS (TST) AND TEMPORARY SWALES (TSW) SHALL BE SIZED BY THE CONTRACTOR USING THE PARAMETERS CONTAINED IN THE RHODE ISLAND SOIL EROSION AND SEDIMENT CONTROL HANDBOOK.

STORMWATER MANAGEMENT SYSTEM INSPECTION AND MAINTENANCE NOTES

DURING CONSTRUCTION (CONTRACTOR'S RESPONSIBILITY)

- 1. THE CONTRACTOR SHALL REMOVE SEDIMENT AND DEBRIS FROM ALL CATCH BASINS, MANHOLES, AND THE DRAINAGE SYSTEM ON A ROUTINE BASIS, IMMEDIATELY FOLLOWING SITE STABILIZATION, AND PRIOR TO PROJECT COMPLETION AND ACCEPTANCE.
2. THE CLOSED DRAINAGE SYSTEM AND ASSOCIATED STRUCTURES SHALL BE CLEANED AND FLUSHED BY THE CONTRACTOR AT THE COMPLETION OF CONSTRUCTION, AND THE CONTRACTOR SHALL BE RESPONSIBLE FOR INSPECTION AND MAINTENANCE OF THE DRAINAGE SYSTEM UNTIL ACCEPTANCE OF THE SYSTEM BY THE ENGINEER AND THE TOWN OF EXETER. FOLLOWING ACCEPTANCE OF THE PROPOSED DRAINAGE SYSTEM, THE OWNER OF THE SITE SHALL BE RESPONSIBLE FOR THE LONG-TERM INSPECTION AND MAINTENANCE OF THE DRAINAGE SYSTEM.
3. ANY ACCUMULATION OF PONDING WATER IN AREAS WITHIN THE LIMITS OF DISTURBANCE, OTHER THAN DESIGNATED AREAS, SHALL BE REMOVED ACCORDINGLY AND PREVENTED IN THE FUTURE.

POST CONSTRUCTION (OWNER'S RESPONSIBILITY)

- 1. TRASH, LITTER, SEDIMENT AND OTHER DEBRIS SHALL BE REMOVED FROM ANY STORMWATER MANAGEMENT SYSTEM FACILITY (INCLUDING BUT NOT LIMITED TO CATCH BASINS, MANHOLES, INLET, OUTLET AND DIVERSION STRUCTURES, AND STORMWATER BEST MANAGEMENT PRACTICES (BMPs)) A MINIMUM OF TWO TIMES PER YEAR, PREFERABLY IN THE SPRING AND FALL.
2. THE PARKING LOT AND ENTRY DRIVE SHALL BE SWEEPED BY THE OWNER AS EARLY AS POSSIBLE EVERY SPRING AND ONCE IN THE FALL TO REMOVE SEDIMENTS.
3. ALL CLEANING AND MAINTENANCE OF STORMWATER MANAGEMENT SYSTEMS POST-CONSTRUCTION SHALL BE THE RESPONSIBILITY OF THE OWNER.

CATCH BASINS WITH SUMPS INSPECTION, MAINTENANCE, AND REPAIR NOTES

- 1. INSPECTIONS SHALL BE PERFORMED A MINIMUM OF TWO TIMES PER YEAR (SPRING/FALL), UNITS SHALL BE CLEANED ANNUALLY AND WHENEVER THE DEPTH OF SEDIMENT IS GREATER THAN OR EQUAL TO HALF THE SUMP DEPTH.
2. THE INLET GRATE SHALL NOT BE WELDED TO THE FRAME OR PAVED OVER SO THAT THE SUMP CAN BE EASILY INSPECTED AND MAINTAINED.
3. CARE SHALL BE TAKEN TO AVOID DAMAGING AND DISPLACING HOODS PLACED ON HOODED OUTLETS DURING CLEANING.

SEDIMENT FOREBAY INSPECTION, MAINTENANCE, AND REPAIR NOTES

FOLLOWING CONSTRUCTION, THE COMPLETION OF THE INSPECTION AND MAINTENANCE REQUIREMENTS BELOW SHALL BE THE RESPONSIBILITY OF THE OWNER.

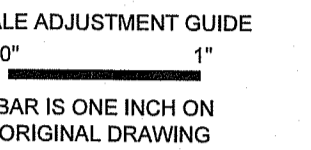
- 1. SEDIMENT FOREBAY SHALL BE INSPECTED A MINIMUM OF TWO TIMES PER YEAR AND AFTER EVERY STORM OF 2.7" INCH OR GREATER FOR TRASH, DEBRIS, SEDIMENT, EROSION, STANDING WATER, AND OVERALL PERFORMANCE. DEFECTS SHALL BE REPAIRED BY THE OWNER.
2. SEDIMENT FOREBAYS SHALL BE CLEANED IF SEDIMENT REACHES HALF THE DESIGN DEPTH.
3. SEDIMENT FOREBAY CHECK DAMS SHALL BE REPLACED IF DRAWDOWN TIMES WITHIN THE SEDIMENT FOREBAY EXCEED 48 HOURS FOLLOWING THE STORM EVENT.
4. ALL SEDIMENTS REMOVED SHALL BE DISPOSED OF AT AN APPROVED AND PERMITTED LOCATION.
5. VEGETATION SHALL NOT EXCEED 18" IN HEIGHT IN THE SEDIMENT FOREBAYS.

BIORETENTION AREA INSPECTION, MAINTENANCE, AND REPAIR NOTES

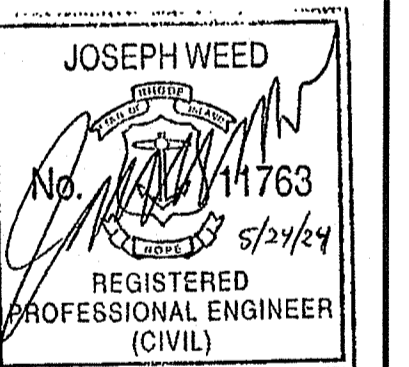
- 1. FOLLOWING FIRST 6 MONTHS AFTER CONSTRUCTION
• INSPECT BIORETENTION AREA AFTER FIRST TWO RAINFALL EVENTS OF 1" OR MORE.
2. FOLLOWING STORM EVENTS WITH RAINFALL EXCEEDING 2.7"
• INSPECT BIORETENTION AREA FOR TRASH, DEBRIS, SEDIMENT, EROSION, STANDING WATER, AND OVERALL PERFORMANCE. DEFECTS SHALL BE REPAIRED BY OWNER.
3. BI-ANNUALLY
• INSPECT BIORETENTION AREA A MINIMUM OF TWO TIMES PER YEAR, PREFERABLY IN APRIL AND OCTOBER. SEDIMENT SHALL BE REMOVED FROM BIORETENTION AREA IF THE SEDIMENT EXCEEDS 1".
• MOW SIDE SLOPES AND BOTTOM OF BIORETENTION AREA A MINIMUM OF TWO TIMES PER YEAR.
4. QUARTERLY
• INSPECT BIORETENTION AREA OUTLET CONTROL STRUCTURE AND ALL OVERFLOW CHANNELS. THE OWNER SHALL STABILIZE ERODED BANKS AND REPAIR ERODED AREAS AT INFLOW AND OUTFLOW STRUCTURES AS NECESSARY.
5. IF SEDIMENT BUILD-UP HAS LIMITED THE FILTERING CAPABILITIES TO BELOW THE DESIGN RATE OR PONDING HAS EXCEEDED 48 HOURS THE FOLLOWING SHALL BE COMPLETED:
• THE TOP 6" OF SOIL SHALL BE REMOVED AND DISPOSED AT A PERMITTED LOCATION.
• THE EXPOSED SURFACE SHALL BE SCARIFIED.
• THE TOP 6" SHALL BE RESTORED TO THE ORIGINAL DESIGN SPECIFICATIONS WITH A SANDY LOAM TOPSOIL.
6. TRASH AND DEBRIS SHALL BE REMOVED FROM BIORETENTION AREA AS NECESSARY.

INFILTRATION BASIN INSPECTION, MAINTENANCE, AND REPAIR NOTES

- 1. FOLLOWING FIRST 6 MONTHS AFTER CONSTRUCTION
• INSPECT INFILTRATION PRACTICES AFTER FIRST TWO RAINFALL EVENTS OF 1" OR MORE.
2. FOLLOWING STORM EVENTS WITH RAINFALL EXCEEDING 2.7"
• INSPECT INFILTRATION BASIN FOR TRASH, DEBRIS, SEDIMENT, EROSION, STANDING WATER, AND OVERALL PERFORMANCE. DEFECTS SHALL BE REPAIRED BY OWNER.
3. BI-ANNUALLY
• INSPECT INFILTRATION BASIN A MINIMUM OF TWO TIMES PER YEAR, PREFERABLY IN APRIL AND OCTOBER. SEDIMENT SHALL BE REMOVED FROM INFILTRATION BASIN IF THE SEDIMENT EXCEEDS 1".
• MOW SIDESLOPES AND BOTTOM OF INFILTRATION BASIN A MINIMUM OF TWO TIMES PER YEAR.
4. QUARTERLY
• INSPECT INFILTRATION BASIN OUTLET CONTROL STRUCTURE AND ALL OVERFLOW CHANNELS. THE OWNER SHALL STABILIZE ERODED BANKS AND REPAIR ERODED AREAS AT INFLOW AND OUTFLOW STRUCTURES AS NECESSARY
5. IF SEDIMENT BUILD-UP HAS LIMITED THE INFILTRATION CAPABILITIES TO BELOW THE DESIGN RATE OR PONDING HAS EXCEEDED 48 HOURS THE FOLLOWING SHALL BE COMPLETED:
• THE TOP 6" OF SOIL SHALL BE REMOVED AND DISPOSED AT A PERMITTED LOCATION.
• THE EXPOSED SURFACE SHALL BE SCARIFIED.
• THE BASIN BOTTOM SHALL BE RESTORED TO THE ORIGINAL DESIGN SPECIFICATIONS WITH A SANDY LOAM TOPSOIL.
6. TRASH AND DEBRIS SHALL BE REMOVED FROM INFILTRATION BASIN AS NECESSARY.



DCYF NEW FEMALE YOUTH RESIDENTIAL FACILITY EXETER, RHODE ISLAND

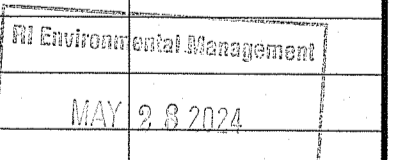


RI DEPARTMENT OF ENVIRONMENTAL MANAGEMENT OFFICE OF WATER RESOURCES FRESHWATER WETLANDS PROGRAM APPROVED WITH CONDITIONS AS SPECIFIED IN THE LETTER OF APPROVAL DATED: JUN 10 2024 FILE #: 24-0085 NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL APPROVED PLANS MUST BE AT CONSTRUCTION SITE

Handwritten signature of Andy Chappell

REVISIONS:

Table with 2 columns: Revision number and description. Row 1: 1 05/07/2024 RIDEM FWV RTC



PROJECT NO.: 23026.00 DATE: APRIL 4, 2024 SCALE: NOT TO SCALE DESIGNED BY: DJLS CHECKED BY: ACB DRAWN BY: AKL APPROVED BY: JLW DRAWING TITLE:

NOTES

DRAWING NO.: C1.1 SHEET NO. 1 OF 17

ABBREVIATIONS

GENERAL

ADT	ANNUAL AVERAGE DAILY TRAFFIC
ABAN	ABANDON
ADA	AMERICANS WITH DISABILITIES ACT
ADJ	ADJUST
APPROX	APPROXIMATE
AC	ASPHALT CONCRETE
ACCM PIPE	ASPHALT COATED CORRUGATED METAL PIPE
ASSF	AREA SUBJECT TO STORM FLOWAGE
ATD	ASPHALT TURNDOWN
ATG	ADJUST TO GRADE
BB	BITUMINOUS BERM
BC	BOTTOM OF CURB (FINISHED GRADE ON LOW SIDE OF CURB)
BD	BOUND
BIT	BITUMINOUS
BL	BASELINE
BLDG	BUILDING
BM	BENCHMARK
BMP	BEST MANAGEMENT PRACTICE
BO	BY OTHERS
BOL	BOLLARD
BOS	BOTTOM OF SLOPE
BOT	BOTTOM
BPM	BLACKOUT PAVEMENT MARKING
BR	BRIDGE
BS	BOTTOM OF STAIR (FINISHED GRADE AT BOTTOM STAIR)
BW	BOTTOM OF WALL (FINISHED GRADE ON LOW SIDE OF WALL)
BWL	BROKEN WHITE LINE
BYL	BROKEN YELLOW LINE
C=	CURVE LENGTH
CB	CATCH BASIN
CBCI	CATCH BASIN WITH CURB INLET
CC	CEMENT CONCRETE
CCM	CEMENT CONCRETE MASONRY
CCW	CEMENT CONCRETE WALK
CD	CHECK DAM
CE	CONSTRUCTION ENTRANCE
CEM	CEMENT
CFS	COMPOST FILTER SOCK
CG	CLEAR AND GRUB VEGETATION
CH	CHORD LENGTH
CI	CURB INLET
CIP	CAST IRON PIPE
CL	CENTERLINE
CLDI	CEMENT-LINED DUCTILE IRON
CLF	CHAIN LINK FENCE
CLSM	CONTROLLED LOW STRENGTH MATERIAL
CLR	CLEAR
CLS	CLASS
CM	SAWCUT AND MATCH
CMP	CORRUGATED METAL PIPE
CO	CLEANOUT
CONC	CONCRETE
CONT	CONTINUOUS
CONST	CONSTRUCTION
CP	CONCRETE PAD
CR GR	CROWN GRADE
CSP	CORRUGATED STEEL PIPE
CSTR	CONCRETE STAIRS
CTE	CONNECT TO EXISTING
CW	CROSSWALK
DEMO	DEMOLITION
DET	DETECTABLE
DHV	DESIGN HOURLY VOLUME
DI	DROP INLET
DIA	DIAMETER
DIP	DUCTILE IRON PIPE
DIV	DIVERSION
DMH	DRAIN MANHOLE
DTP	DRIPLINE TREE PROTECTION
DWL	DOTTED WHITE LINE
DWLEx	DOTTED WHITE LINE EXTENSION
DBWL	DOUBLE WHITE LINE
DWP	DETECTABLE WARNING PAVER
DYL	DOTTED YELLOW LINE
DYLEx	DOTTED YELLOW LINE EXTENSION
DBYL	DOUBLE YELLOW LINE
DW	STEADY DONT WALK - PORTLAND ORANGE
DWY	DRIVEWAY
ELEV (or EL)	ELEVATION
EMB	EMBANKMENT
EMH	ELECTRIC MANHOLE
EOP	EDGE OF PAVEMENT
ETR	EXISTING TO REMAIN. PROTECT DURING CONSTRUCTION.
EXIST (or EX)	EXISTING
EXC	EXCAVATION

F&C	FRAME AND COVER
F&G	FRAME AND GRATE
FDC	FIRE DEPARTMENT CONNECTION
FDN	FOUNDATION
FES	FLARED END SECTION
FFE	FINISH FLOOR ELEVATION
FLDSTN	FIELDSTONE
FND	FOUND
FT	FOOT
GAR	GARAGE
GD	GROUND
GG	GAS GATE
GI	GUTTER INLET
GIP	GALVANIZED IRON PIPE
GRAN	GRANITE
GRAV	GRAVEL
GRD	GUARD
GTD	GRADE TO DRAIN
GV	GATE VALVE
HCPS	HANDICAP ACCESSIBLE PARKING SIGN
HDBC	HEAVY DUTY BITUMINOUS CONCRETE
HOPE	HIGH DENSITY POLYETHYLENE PIPE
HDPS	HANDICAP ACCESSIBLE PARKING SIGN
HDW	HEADWALL
HMA	HOT MIX ASPHALT
HMAW	HOT MIXED ASPHALT WALKWAY
HOR	HORIZONTAL
HPR	HEADWALL PROTECTION RACK
HYD	HYDRANT
ID	INSIDE DIAMETER
INV	INVERT
JCT	JUNCTION
L=	LENGTH OF CURVE
LB	LEACH BASIN
LOD	LIMIT OF DISTURBANCE
LP	LOW POINT
LPR	LICENSE PLATE READER
LS	LOAM AND SEED
LSOD	LOAM AND SOD
LT	LEFT
LTP	LIGHT POLE
MAX	MAXIMUM
MB	MAILBOX
MCW	MONOLITHIC CONCRETE WALK
MH	MANHOLE
MIN	MINIMUM
MON	MONITORING
MUTCD	MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES, LATEST EDITION
NIC	NOT IN CONTRACT
NO	NUMBER
NTS	NOT TO SCALE
OCS	OUTLET CONTROL STRUCTURE
OD	OUTSIDE DIAMETER
OSHA	OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION
OWS	OIL WATER SEPARATOR
PC	POINT OF CURVATURE
PCC	POINT OF COMPOUND CURVATURE
PCFES	PRECAST CONCRETE FLARED END SECTION
PCTC	PRECAST CONCRETE TRANSITION CURB
PCR	PEDESTRIAN CURB RAMP
PE	POLYETHYLENE
PERF	PERFORATED
PGL	PROFILE GRADE LINE
PHMA	POROUS HOT MIXED ASPHALT PAVEMENT
PI	POINT OF INTERSECTION
PIV	POST INDICATOR VALVE
POC	POINT ON CURVE
POT	POINT ON TANGENT
PM	PAVEMENT MARKING
PRC	POINT OF REVERSE CURVATURE
PROJ	PROJECT
PROP	PROPOSED
PSB	PLANTABLE SOIL BORROW
PT	POINT OF TANGENCY
PVC	POINT OF VERTICAL CURVATURE
PVCH	POLYVINYL CHLORIDE
PVI	POINT OF VERTICAL INTERSECTION
PVT	POINT OF VERTICAL TANGENCY
PVMT	PAVEMENT
PWW	PAVED WATER WAY
QPA	QUALIFYING PERVIOUS AREA
R&D	REMOVE AND DISPOSE
R&R	REMOVE AND RESET
R&S	REMOVE AND STACK
R=	RADIUS
RA	RAILING
RCP	REINFORCED CONCRETE PIPE
RDWY	ROADWAY

REM	REMOVE
RET	RETAIN
RET WALL	RETAINING WALL
RRLS	RIPRAP LEVEL SPREADER
ROW	RIGHT OF WAY
RR	RAILROAD
RRS	RIPRAP SLOPE
RS	RIPRAP SPILLWAY
RT	RIGHT
RTAD	REFER TO ARCHITECTURAL DRAWINGS
RTED	REFER TO ELECTRICAL DRAWINGS
RTFPD	REFER TO FIRE PROTECTION DRAWINGS
RTLd	REFER TO LANDSCAPE DRAWINGS
RTMD	REFER TO MECHANICAL DRAWINGS
RTPD	REFER TO PLUMBING DRAWINGS
RTSD	REFER TO STRUCTURAL DRAWINGS
S=	SLOPE
SB	SAND BAG EROSION CONTROL BARRIER
SDR	STANDARD DIMENSIONAL RATIO
SED	SEDIMENT
SESC	SOIL EROSION AND SEDIMENT CONTROL
SFL	STATE FREEWAY LINE
SFCD	SEDIMENT FOREBAY CHECK DAM
SG	SWING GATE
SHL	STATE HIGHWAY LINE
SHLD	SHOULDER
SHLO	STATE HIGHWAY LAYOUT
SHP	HANDICAP PARKING PAVEMENT MARKING
SM	SEDIMENT MARKER
SMH	SEWER MANHOLE
SSD	STOPPING SIGHT DISTANCE
ST	STREET
STA	STATION
SW	SIDEWALK
SWL	SINGLE SOLID WHITE LINE
SWR	SEWER
SYL	SINGLE SOLID YELLOW LINE
T=	TANGENT DISTANCE OF CURVE/TRUCK %
TAN	TANGENT
TD	TEMPORARY DIVERSION
TEMP	TEMPORARY
TC	TOP OF CURB
TDS	TEMPORARY DIVERSION SWALE
TGP	TREE GROUP PROTECTION
TIP	TEMPORARY INLET PROTECTION
TMH	TELEPHONE MANHOLE
TOS	TOP OF SLOPE
TP	TEST PIT
TRAN	TRANSITION
TRM	TURF REINFORCEMENT MAT
TS	TOP OF STAIR (FINISHED GRADE OF TOP STAIR)
TST	TEMPORARY SEDIMENT TRAP
TSW	TEMPORARY SWALE
TW	TOP OF WALL
TYP	TYPICAL
UP	UTILITY POLE
VAR	VARIES
VERT	VERTICAL
VC	VERTICAL CURVE
VCC	VERTICAL CONCRETE CURB
VCP	VEHICULAR CONCRETE PAVEMENT
VFC	VITRIFIED CLAY
VEG	VEGETATION
VEH	VEHICULAR
VFS	VEGETATED FILTER STRIP
VGC	VERTICAL GRANITE CURB
VGTC	VERTICAL GRANITE TRANSITION CURB
VLF	VINYL FENCE
w/	WITH
WG	WATER GATE
WIP	WROUGHT IRON PIPE
WM	WATER METER/WATER MAIN
WMH	WATER MANHOLE
WPM	WATER PAINT MARK
X-SECT	CROSS SECTION
YD	YARD DRAIN
4DY	4" DOUBLE YELLOW EPOXY RESIN PAVEMENT MARKING
4W	4" SOLID WHITE EPOXY RESIN PAVEMENT MARKING
12W	12" SOLID WHITE EPOXY RESIN PAVEMENT MARKING

RHODE ISLAND ABBREVIATIONS

GENERAL	
RIDEM	RHODE ISLAND DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
RIDOT	RHODE ISLAND DEPARTMENT OF TRANSPORTATION
RIHP	RHODE ISLAND HIGHWAY PLAT
RIPDES	RHODE ISLAND POLLUTION DISCHARGE ELIMINATION SYSTEM
R.I. STD.	RHODE ISLAND STANDARD

RHODE ISLAND STANDARD DETAILS

	=	PRECAST CONCRETE FLARED END SECTION - R.I. STD. 2.3.0
	=	PRECAST 4'-0" ROUND MANHOLE - R.I. STD. 4.2.0
	=	PRECAST 5'-0" ROUND MANHOLE - R.I. STD. 4.2.1
	=	PRECAST 6'-0" ROUND MANHOLE - R.I. STD. 4.2.2
	=	PRECAST 4'-0" OR 6'-0" SQUARE MANHOLE OR CATCH BASIN - R.I. STD. 4.3.0
	=	PRECAST 4'-0", 5'-0", OR 6'-0" ROUND CATCH BASIN - R.I. STD. 4.4.0M
	=	PRECAST CONCRETE CURB - R.I. STD. 7.1.0
	=	3'-0" PRECAST CONCRETE TRANSITION CURB - R.I. STD. 7.1.1
	=	6'-0" PRECAST CONCRETE TRANSITION CURB - R.I. STD. 7.1.2
	=	PRECAST CONCRETE 2'-0" RADIUS CURB - R.I. STD. 7.1.4
	=	PRECAST CONCRETE RAMP STONE - R.I. STD. 7.1.9
	=	PRECAST CONCRETE CURB STOPS - R.I. STD. 7.2.4
	=	BITUMINOUS BERM - R.I. STD. 7.5.1
	=	DEWATERING BASIN - R.I. STD. 9.7.0
	=	CONSTRUCTION ACCESS - R.I. STD. 9.9.0
	=	SIGN POST SELECTION AND INSTALLATION DETAILS U-CHANNEL POST - R.I. STD. 24.2.0
	=	PARKING SIGN MOUNTING DETAIL - R.I. STD. 24.6.0
	=	WHEELCHAIR RAMP - R.I. STD. 43.3.0
	=	DETECTABLE WARNING SYSTEM (MODIFIED) - R.I. STD. 48.1.0M

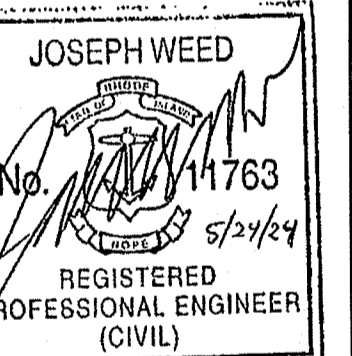
LEGEND

EXISTING	PROPOSED
	PROPERTY LINE
	SETBACKS
	EASEMENT LINE
	CONTOUR
	SPOT ELEVATION
	DRAINAGE LINE
	WATER LINE
	FIRE WATER LINE
	GEOTHERMAL WELL WATER LINE
	SANITARY SEWER LINE
	GAS LINE
	ELECTRIC
	TELEPHONE LINE
	OVERHEAD ELECTRIC LINE
	LIMIT OF DISTURBANCE
	LIMIT OF DISTURBANCE/COMPOST FILTER SOCK
	LIMIT OF WORK
	AREA DRAIN
	HYDRANT
	DRAINAGE MANHOLE
	SEWER MANHOLE
	UTILITY POLE
	WATER VALVE
	GAS GATE
	LIGHT POLE
	TREE LINE
	STONE WALL
	CHAIN LINK FENCE
	TIMBER GUARDRAIL
	CURBING
	EDGE OF PAVEMENT
	SAWCUT LINE
	SIGN
	COMPOST FILTER SOCK
	SAND BAGS
	NO. OF PARKING SPACES
	WETLAND EDGE
	100' BUFFER ZONE



SCALE ADJUSTMENT GUIDE
0" = 1"
BAR IS ONE INCH ON ORIGINAL DRAWING

**DCYF NEW FEMALE YOUTH
RESIDENTIAL FACILITY
EXETER, RHODE ISLAND**



REVISIONS:

1	05/07/2024	RIDEM FWV RTC
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RI DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
APPROVED WITH CONDITIONS AS
SPECIFIED IN THE LETTER OF APPROVAL
DATED JUN 10 2024 FILE NO. 24-0085
NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL
APPROVED PLANS MUST BE AT CONSTRUCTION SITE

PROJECT NO.:	23026.00
DATE:	APRIL 4, 2024
SCALE:	NOT TO SCALE
DESIGNED BY:	DJLS
CHECKED BY:	ACB
DRAWN BY:	AKL
APPROVED BY:	JLW
DRAWING TITLE:	

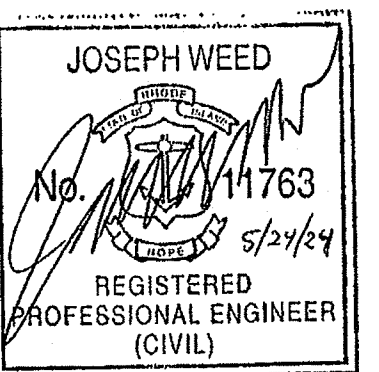
LEGEND

DRAWING NO.:
C1.2
SHEET NO. 2 OF 17

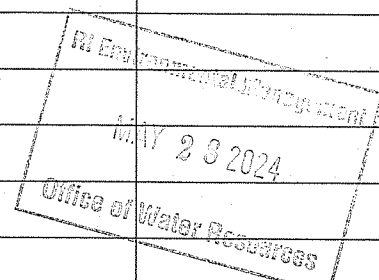


SCALE ADJUSTMENT GUIDE
 0" 1"
 BAR IS ONE INCH ON ORIGINAL DRAWING

DCYF NEW FEMALE YOUTH
 RESIDENTIAL FACILITY
 EXETER, RHODE ISLAND



REVISIONS:
 1 05/07/2024 RIDEM FWV RTC



PROJECT NO.: 23026.00
 DATE: APRIL 4, 2024
 SCALE: 1"=60'
 DESIGNED BY: DJLS
 CHECKED BY: ACB
 DRAWN BY: AKL
 APPROVED BY: JLW
 DRAWING TITLE:

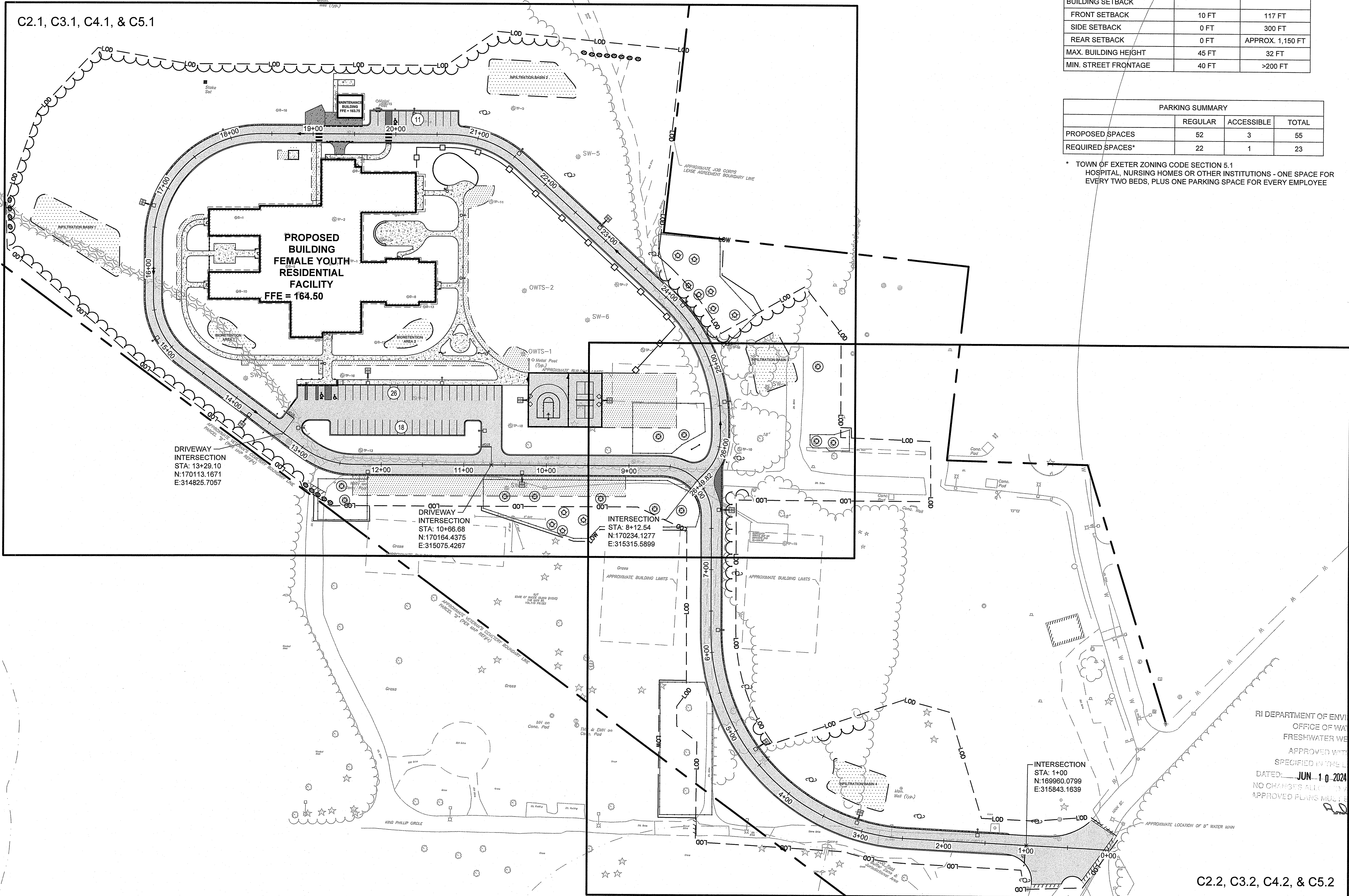
OVERALL PLAN
 DRAWING NO.: C1.3
 SHEET NO. 3 OF 17

ZONING TABLE		
ZONE: PLANNED DISTRICT - PD GROUNDWATER PROTECTION OVERLAY DISTRICT - GWOL		
EXISTING USE: INSTITUTION PROPOSED USE: INSTITUTION		
	REQUIRED	PROVIDED
BUILDING SETBACK		
FRONT SETBACK	10 FT	117 FT
SIDE SETBACK	0 FT	300 FT
REAR SETBACK	0 FT	APPROX. 1,150 FT
MAX. BUILDING HEIGHT	45 FT	32 FT
MIN. STREET FRONTAGE	40 FT	>200 FT

PARKING SUMMARY			
	REGULAR	ACCESSIBLE	TOTAL
PROPOSED SPACES	52	3	55
REQUIRED SPACES*	22	1	23

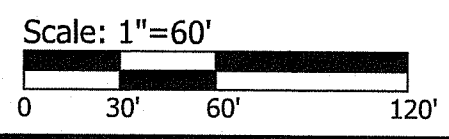
* TOWN OF EXETER ZONING CODE SECTION 5.1
 HOSPITAL, NURSING HOMES OR OTHER INSTITUTIONS - ONE SPACE FOR EVERY TWO BEDS, PLUS ONE PARKING SPACE FOR EVERY EMPLOYEE

C2.1, C3.1, C4.1, & C5.1



C2.2, C3.2, C4.2, & C5.2

RI DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
 OFFICE OF WATER RESOURCES
 FRESHWATER WETLANDS PROGRAM
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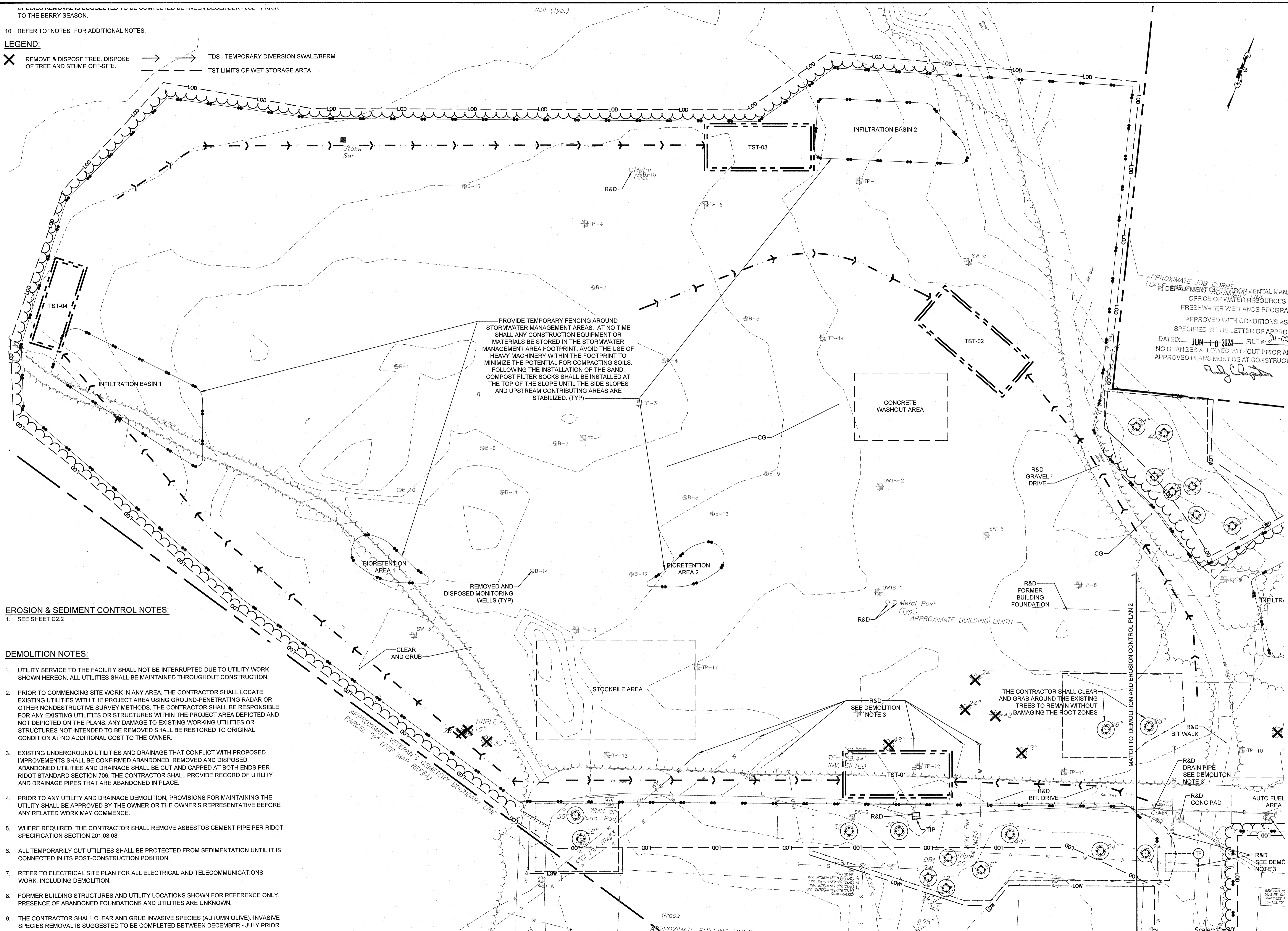


IF LOGS REMOVAL IS SUGGESTED TO BE COMPLETED BETWEEN DECEMBER - JULY PRIOR TO THE BERRY SEASON.

10. REFER TO "NOTES" FOR ADDITIONAL NOTES.

LEGEND:

- X REMOVE & DISPOSE TREE. DISPOSE OF TREE AND STUMP OFF-SITE.
- TDS - TEMPORARY DIVERSION SWALE/BERM
- - - TST LIMITS OF WET STORAGE AREA



EROSION & SEDIMENT CONTROL NOTES:

1. SEE SHEET C2.2

DEMOLITION NOTES:

1. UTILITY SERVICE TO THE FACILITY SHALL NOT BE INTERRUPTED DUE TO UTILITY WORK SHOWN HEREON. ALL UTILITIES SHALL BE MAINTAINED THROUGHOUT CONSTRUCTION.
2. PRIOR TO COMMENCING SITE WORK IN ANY AREA, THE CONTRACTOR SHALL LOCATE EXISTING UTILITIES WITH THE PROJECT AREA USING GROUND-PENETRATING RADAR OR OTHER NONDESTRUCTIVE SURVEY METHODS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY EXISTING UTILITIES OR STRUCTURES WITHIN THE PROJECT AREA DEPICTED AND NOT DEPICTED ON THE PLANS. ANY DAMAGE TO EXISTING WORKING UTILITIES OR STRUCTURES NOT INTENDED TO BE REMOVED SHALL BE RESTORED TO ORIGINAL CONDITION AT NO ADDITIONAL COST TO THE OWNER.
3. EXISTING UNDERGROUND UTILITIES AND DRAINAGE THAT CONFLICT WITH PROPOSED IMPROVEMENTS SHALL BE CONFIRMED ABANDONED, REMOVED AND DISPOSED. ABANDONED UTILITIES AND DRAINAGE SHALL BE CUT AND CAPPED AT BOTH ENDS PER RIDOT STANDARD SECTION 706. THE CONTRACTOR SHALL PROVIDE RECORD OF UTILITY AND DRAINAGE PIPES THAT ARE ABANDONED IN PLACE.
4. PRIOR TO ANY UTILITY AND DRAINAGE DEMOLITION, PROVISIONS FOR MAINTAINING THE UTILITY SHALL BE APPROVED BY THE OWNER OR THE OWNER'S REPRESENTATIVE BEFORE ANY RELATED WORK MAY COMMENCE.
5. WHERE REQUIRED, THE CONTRACTOR SHALL REMOVE ASBESTOS CEMENT PIPE PER RIDOT SPECIFICATION SECTION 201.03.08.
6. ALL TEMPORARILY CUT UTILITIES SHALL BE PROTECTED FROM SEDIMENTATION UNTIL IT IS CONNECTED IN ITS POST-CONSTRUCTION POSITION.
7. REFER TO ELECTRICAL SITE PLAN FOR ALL ELECTRICAL AND TELECOMMUNICATIONS WORK, INCLUDING DEMOLITION.
8. FORMER BUILDING STRUCTURES AND UTILITY LOCATIONS SHOWN FOR REFERENCE ONLY. PRESENCE OF ABANDONED FOUNDATIONS AND UTILITIES ARE UNKNOWN.
9. THE CONTRACTOR SHALL CLEAR AND GRUB INVASIVE SPECIES (AUTUMN OLIVE). INVASIVE SPECIES REMOVAL IS SUGGESTED TO BE COMPLETED BETWEEN DECEMBER - JULY PRIOR

PROVIDE TEMPORARY FENCING AROUND STORMWATER MANAGEMENT AREAS. AT NO TIME SHALL ANY CONSTRUCTION EQUIPMENT OR MATERIALS BE STORED IN THE STORMWATER MANAGEMENT AREA FOOTPRINT. AVOID THE USE OF HEAVY MACHINERY WITHIN THE FOOTPRINT TO MINIMIZE THE POTENTIAL FOR COMPACTING SOILS. FOLLOWING THE INSTALLATION OF THE SAND, COMPOST FILTER SOCKS SHALL BE INSTALLED AT THE TOP OF THE SLOPE UNTIL THE SIDE SLOPES AND UPSTREAM CONTRIBUTING AREAS ARE STABILIZED. (TYP)

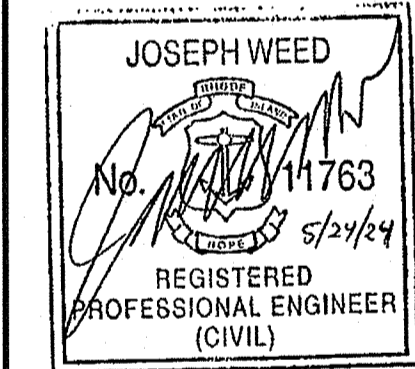
CONCRETE WASHOUT AREA

APPROXIMATE JOB CORPS
LEAST SQUARE
DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
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**DCYF NEW FEMALE YOUTH
RESIDENTIAL FACILITY**
EXETER, RHODE ISLAND



SCALE ADJUSTMENT GUIDE
0" 1"
BAR IS ONE INCH ON ORIGINAL DRAWING



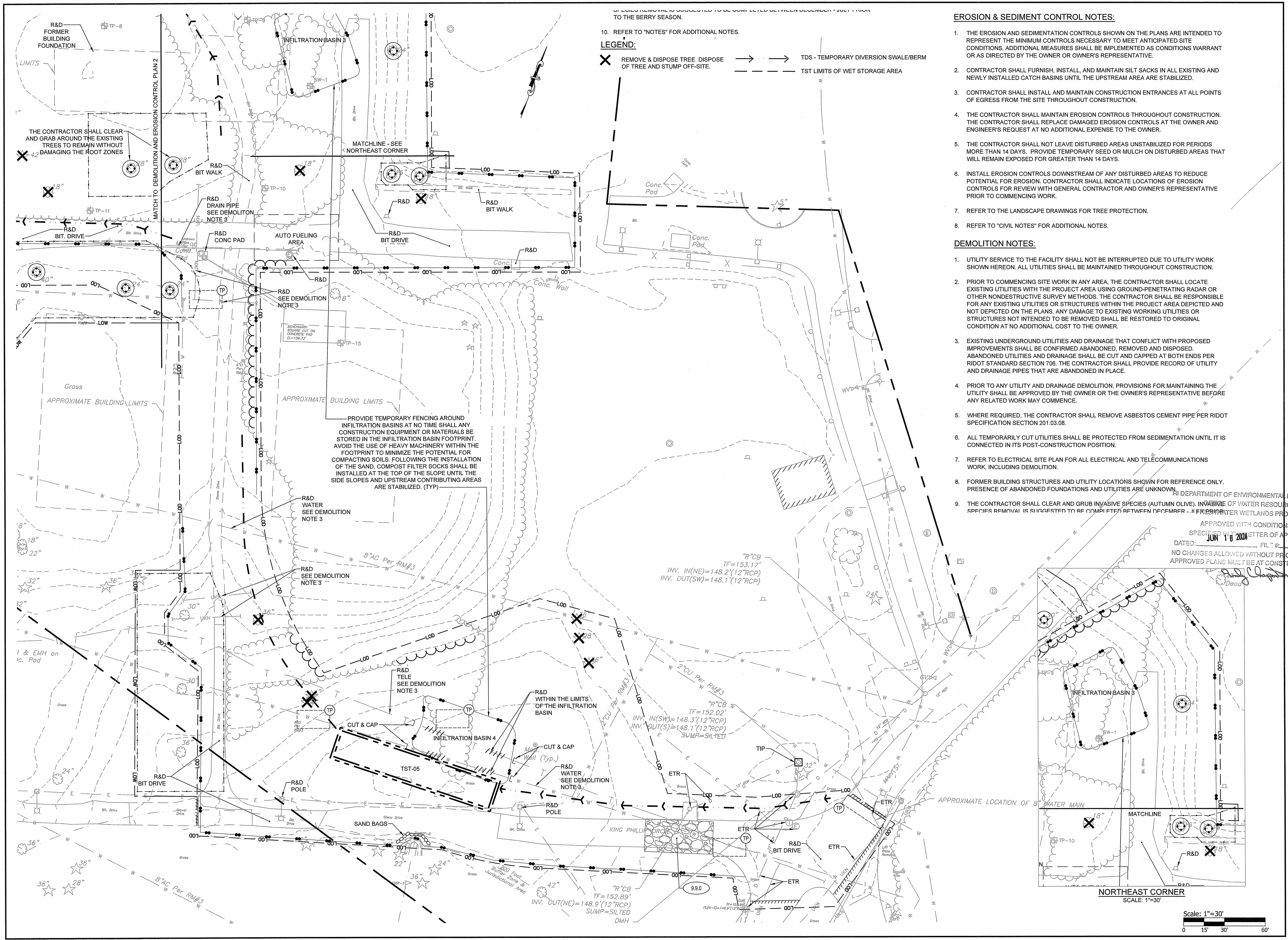
REVISIONS:

1 05/07/2024 RIDEM FWL RTC

PROJECT NO.: 23026.00
DATE: APRIL 4, 2024
SCALE: 1"=30'
DESIGNED BY: DJLS
CHECKED BY: ACB
DRAWN BY: AKL
APPROVED BY: JLW
DRAWING TITLE:

DEMOLITION AND EROSION CONTROL PLAN 1

DRAWING NO.: C2.1
SHEET NO. 4 OF 17



10. REFER TO "NOTES" FOR ADDITIONAL NOTES.

LEGEND:

X REMOVE & DISPOSE TREE. DISPOSE OF TREE AND STUMP OFF-SITE.

→ TDS - TEMPORARY DIVERSION SWALE/BERM

- - - TST LIMITS OF WET STORAGE AREA

- EROSION & SEDIMENT CONTROL NOTES:**
1. THE EROSION AND SEDIMENTATION CONTROLS SHOWN ON THE PLANS ARE INTENDED TO REPRESENT THE MINIMUM CONTROLS NECESSARY TO MEET ANTICIPATED SITE CONDITIONS. ADDITIONAL MEASURES SHALL BE IMPLEMENTED AS CONDITIONS WARRANT OR AS DIRECTED BY THE OWNER OR OWNER'S REPRESENTATIVE.
 2. CONTRACTOR SHALL FURNISH, INSTALL, AND MAINTAIN SILT SACKS IN ALL EXISTING AND NEWLY INSTALLED CATCH BASINS UNTIL THE UPSTREAM AREA ARE STABILIZED.
 3. CONTRACTOR SHALL INSTALL AND MAINTAIN CONSTRUCTION ENTRANCES AT ALL POINTS OF EGRESS FROM THE SITE THROUGHOUT CONSTRUCTION.
 4. THE CONTRACTOR SHALL MAINTAIN EROSION CONTROLS THROUGHOUT CONSTRUCTION. THE CONTRACTOR SHALL REPLACE DAMAGED EROSION CONTROLS AT THE OWNER AND ENGINEER'S REQUEST AT NO ADDITIONAL EXPENSE TO THE OWNER.
 5. THE CONTRACTOR SHALL NOT LEAVE DISTURBED AREAS UNSTABILIZED FOR PERIODS MORE THAN 14 DAYS. PROVIDE TEMPORARY SEED OR MULCH ON DISTURBED AREAS THAT WILL REMAIN EXPOSED FOR GREATER THAN 14 DAYS.
 6. INSTALL EROSION CONTROLS DOWNSTREAM OF ANY DISTURBED AREAS TO REDUCE POTENTIAL FOR EROSION. CONTRACTOR SHALL INDICATE LOCATIONS OF EROSION CONTROLS FOR REVIEW WITH GENERAL CONTRACTOR AND OWNER'S REPRESENTATIVE PRIOR TO COMMENCING WORK.
 7. REFER TO THE LANDSCAPE DRAWINGS FOR TREE PROTECTION.
 8. REFER TO "CIVIL NOTES" FOR ADDITIONAL NOTES.

- DEMOLITION NOTES:**
1. UTILITY SERVICE TO THE FACILITY SHALL NOT BE INTERRUPTED DUE TO UTILITY WORK SHOWN HEREON. ALL UTILITIES SHALL BE MAINTAINED THROUGHOUT CONSTRUCTION.
 2. PRIOR TO COMMENCING SITE WORK IN ANY AREA, THE CONTRACTOR SHALL LOCATE EXISTING UTILITIES WITH THE PROJECT AREA USING GROUND-PENETRATING RADAR OR OTHER NONDESTRUCTIVE SURVEY METHODS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY EXISTING UTILITIES OR STRUCTURES WITHIN THE PROJECT AREA DEPICTED AND NOT DEPICTED ON THE PLANS. ANY DAMAGE TO EXISTING WORKING UTILITIES OR STRUCTURES NOT INTENDED TO BE REMOVED SHALL BE RESTORED TO ORIGINAL CONDITION AT NO ADDITIONAL COST TO THE OWNER.
 3. EXISTING UNDERGROUND UTILITIES AND DRAINAGE THAT CONFLICT WITH PROPOSED IMPROVEMENTS SHALL BE CONFIRMED ABANDONED, REMOVED AND DISPOSED. ABANDONED UTILITIES AND DRAINAGE SHALL BE CUT AND CAPPED AT BOTH ENDS PER RIDOT STANDARD SECTION 706. THE CONTRACTOR SHALL PROVIDE RECORD OF UTILITY AND DRAINAGE PIPES THAT ARE ABANDONED IN PLACE.
 4. PRIOR TO ANY UTILITY AND DRAINAGE DEMOLITION, PROVISIONS FOR MAINTAINING THE UTILITY SHALL BE APPROVED BY THE OWNER OR THE OWNER'S REPRESENTATIVE BEFORE ANY RELATED WORK MAY COMMENCE.
 5. WHERE REQUIRED, THE CONTRACTOR SHALL REMOVE ASBESTOS CEMENT PIPE PER RIDOT SPECIFICATION SECTION 201.03.08.
 6. ALL TEMPORARILY CUT UTILITIES SHALL BE PROTECTED FROM SEDIMENTATION UNTIL IT IS CONNECTED IN ITS POST-CONSTRUCTION POSITION.
 7. REFER TO ELECTRICAL SITE PLAN FOR ALL ELECTRICAL AND TELECOMMUNICATIONS WORK, INCLUDING DEMOLITION.
 8. FORMER BUILDING STRUCTURES AND UTILITY LOCATIONS SHOWN FOR REFERENCE ONLY. PRESENCE OF ABANDONED FOUNDATIONS AND UTILITIES ARE UNKNOWN.
 9. THE CONTRACTOR SHALL CLEAR AND GRUB INVASIVE SPECIES (AUTUMN OLIVE), INVASIVE OF WATER RESOURCES SPECIES REMOVAL IS SUGGESTED TO BE COMPLETED BETWEEN DECEMBER - JUNE PRIOR TO THE BERRY SEASON.

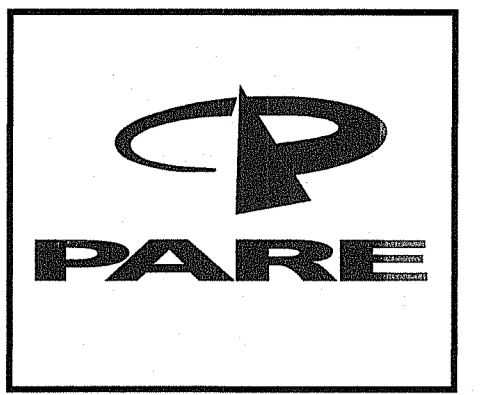
PROVIDE TEMPORARY FENCING AROUND INFILTRATION BASINS AT NO TIME SHALL ANY CONSTRUCTION EQUIPMENT OR MATERIALS BE STORED IN THE INFILTRATION BASIN FOOTPRINT. AVOID THE USE OF HEAVY MACHINERY WITHIN THE FOOTPRINT TO MINIMIZE THE POTENTIAL FOR COMPACTING SOILS. FOLLOWING THE INSTALLATION OF THE SAND, COMPOST FILTER SOCKS SHALL BE INSTALLED AT THE TOP OF THE SLOPE UNTIL THE SIDE SLOPES AND UPSTREAM CONTRIBUTING AREAS ARE STABILIZED. (TYP)

"R"CB
TF=153.17'
INV. IN(NE)=148.2'(12"RCP)
INV. OUT(SW)=148.1'(12"RCP)

"R"CB
TF=152.02'
INV. IN(SW)=148.3'(12"RCP)
INV. OUT(S)=148.1'(12"RCP)
SUMP=SILTED

"R"CB
TF=152.89'
INV. OUT(NE)=148.9'(12"RCP)
SUMP=SILTED
DMH

APPROVED WITH CONDITIONS AS SPECIFIED IN THE LETTER OF APPROVAL
DATED: JUN 10 2024
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SCALE ADJUSTMENT GUIDE
1" = 30'
BAR IS ONE INCH ON ORIGINAL DRAWING

DOYF NEW FEMALE YOUTH RESIDENTIAL FACILITY
EXETER, RHODE ISLAND

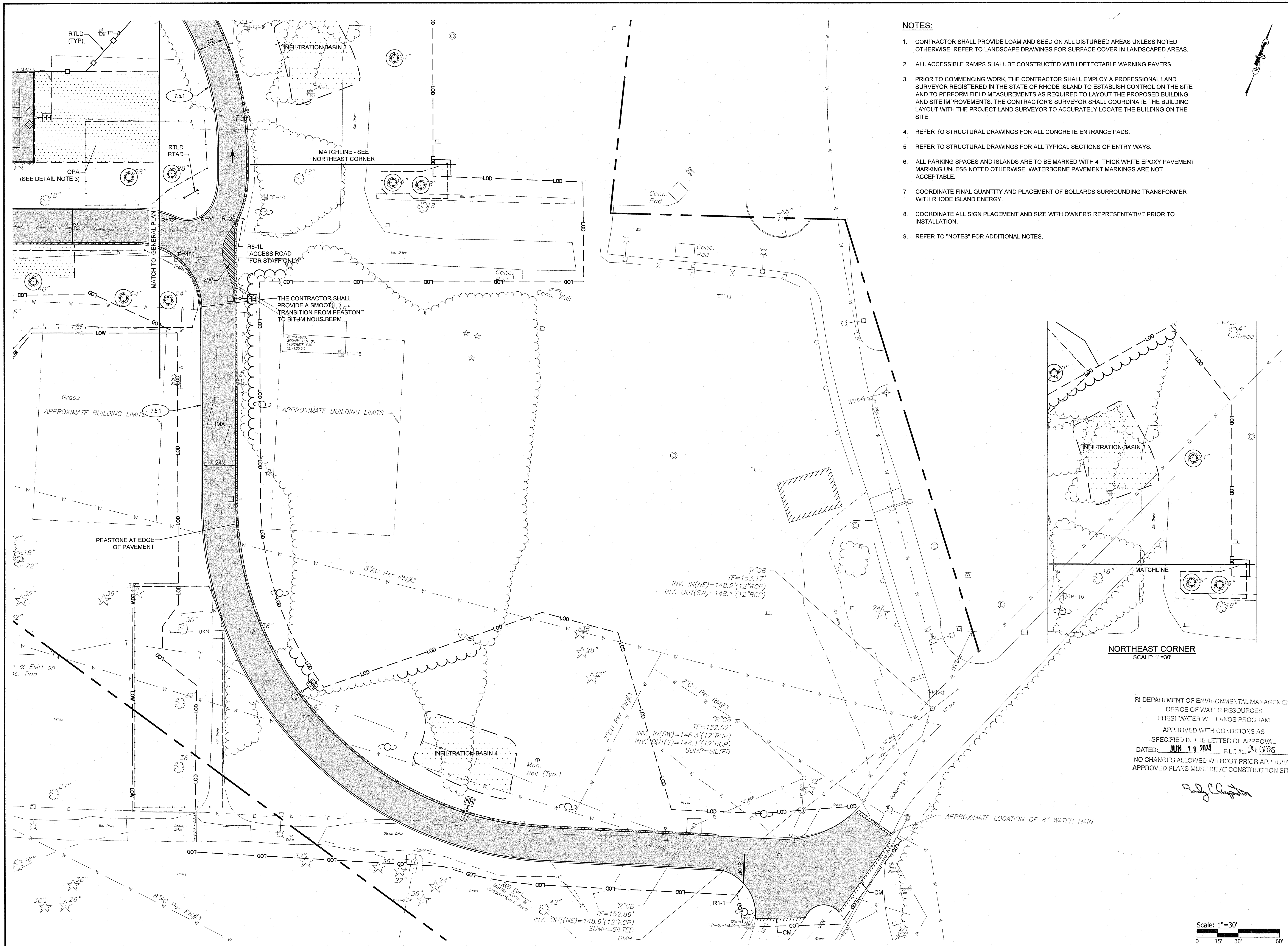
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JOSEPH WEED
No. 11763
REGISTERED PROFESSIONAL ENGINEER (CIVIL)

REVISIONS:

1	05/07/2024	RIDEM FWV RTC
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PROJECT NO.: 23026.00
DATE: APRIL 4, 2024
SCALE: 1"=30'
DESIGNED BY: DJLS
CHECKED BY: ACB
DRAWN BY: AKL
APPROVED BY: JLW
DRAWING TITLE: DEMOLITION AND EROSION CONTROL PLAN 2
DRAWING NO.: C2.2
SHEET NO. 5 OF 17



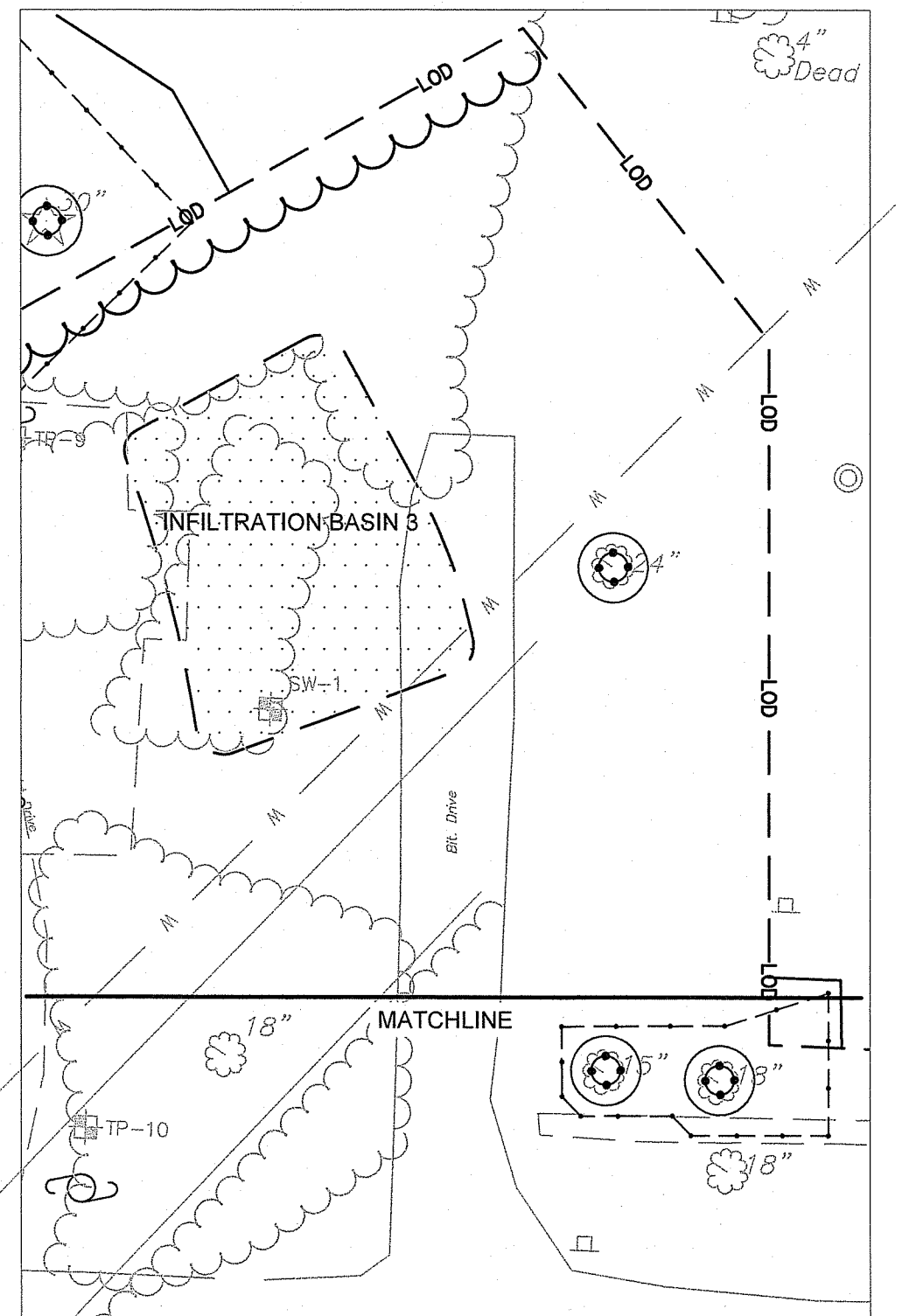
NOTES:

1. CONTRACTOR SHALL PROVIDE LOAM AND SEED ON ALL DISTURBED AREAS UNLESS NOTED OTHERWISE. REFER TO LANDSCAPE DRAWINGS FOR SURFACE COVER IN LANDSCAPED AREAS.
2. ALL ACCESSIBLE RAMPS SHALL BE CONSTRUCTED WITH DETECTABLE WARNING PAVERS.
3. PRIOR TO COMMENCING WORK, THE CONTRACTOR SHALL EMPLOY A PROFESSIONAL LAND SURVEYOR REGISTERED IN THE STATE OF RHODE ISLAND TO ESTABLISH CONTROL ON THE SITE AND TO PERFORM FIELD MEASUREMENTS AS REQUIRED TO LAYOUT THE PROPOSED BUILDING AND SITE IMPROVEMENTS. THE CONTRACTOR'S SURVEYOR SHALL COORDINATE THE BUILDING LAYOUT WITH THE PROJECT LAND SURVEYOR TO ACCURATELY LOCATE THE BUILDING ON THE SITE.
4. REFER TO STRUCTURAL DRAWINGS FOR ALL CONCRETE ENTRANCE PADS.
5. REFER TO STRUCTURAL DRAWINGS FOR ALL TYPICAL SECTIONS OF ENTRY WAYS.
6. ALL PARKING SPACES AND ISLANDS ARE TO BE MARKED WITH 4" THICK WHITE EPOXY PAVEMENT MARKING UNLESS NOTED OTHERWISE. WATERBORNE PAVEMENT MARKINGS ARE NOT ACCEPTABLE.
7. COORDINATE FINAL QUANTITY AND PLACEMENT OF BOLLARDS SURROUNDING TRANSFORMER WITH RHODE ISLAND ENERGY.
8. COORDINATE ALL SIGN PLACEMENT AND SIZE WITH OWNER'S REPRESENTATIVE PRIOR TO INSTALLATION.
9. REFER TO "NOTES" FOR ADDITIONAL NOTES.



SCALE ADJUSTMENT GUIDE
 0" 1"
 BAR IS ONE INCH ON ORIGINAL DRAWING

**DCYF NEW FEMALE YOUTH
 RESIDENTIAL FACILITY**
 EXETER, RHODE ISLAND



RI DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
 OFFICE OF WATER RESOURCES
 FRESHWATER WETLANDS PROGRAM
 APPROVED WITH CONDITIONS AS SPECIFIED IN THE LETTER OF APPROVAL
 DATED: JUN 10 2024 FILE #: 24-0085
 NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL
 APPROVED PLANS MUST BE AT CONSTRUCTION SITE

Andy Clayton

JOSEPH WEED
 No. 11763
 5/21/24
 REGISTERED PROFESSIONAL ENGINEER (CIVIL)

REVISIONS:

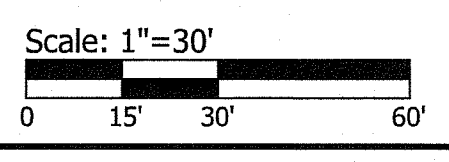
1	05/07/2024	RIDEM FWW RTC
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RI DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
 MAY 23 2024
 Office of Water Resources

PROJECT NO.:	23026.00
DATE:	APRIL 4, 2024
SCALE:	1"=30'
DESIGNED BY:	DJLS
CHECKED BY:	ACB
DRAWN BY:	AKL
APPROVED BY:	JLW
DRAWING TITLE:	

GENERAL PLAN 2

DRAWING NO. **C3.2**
 SHEET NO. 7 OF 17



**DCYF NEW FEMALE YOUTH
 RESIDENTIAL FACILITY**
 EXETER, RHODE ISLAND

APPROXIMATE JOB CORPS
 LEASE AGREEMENT
 RI DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
 OFFICE OF WATER RESOURCES
 FRESHWATER WETLANDS PROGRAM
 APPROVED WITH CONDITIONS AS
 SPECIFIED IN THE LETTER OF APPROVAL
 DATED: **JUN 10 2024** FILE # 34-0085
 NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL
 APPROVED PLANS MUST BE AT CONSTRUCTION SITE

JOSEPH WEED
 No. 11763
 5/27/24
 REGISTERED
 PROFESSIONAL ENGINEER
 (CIVIL)

REVISIONS:

1 05/07/2024 RIDEM FWW RTC

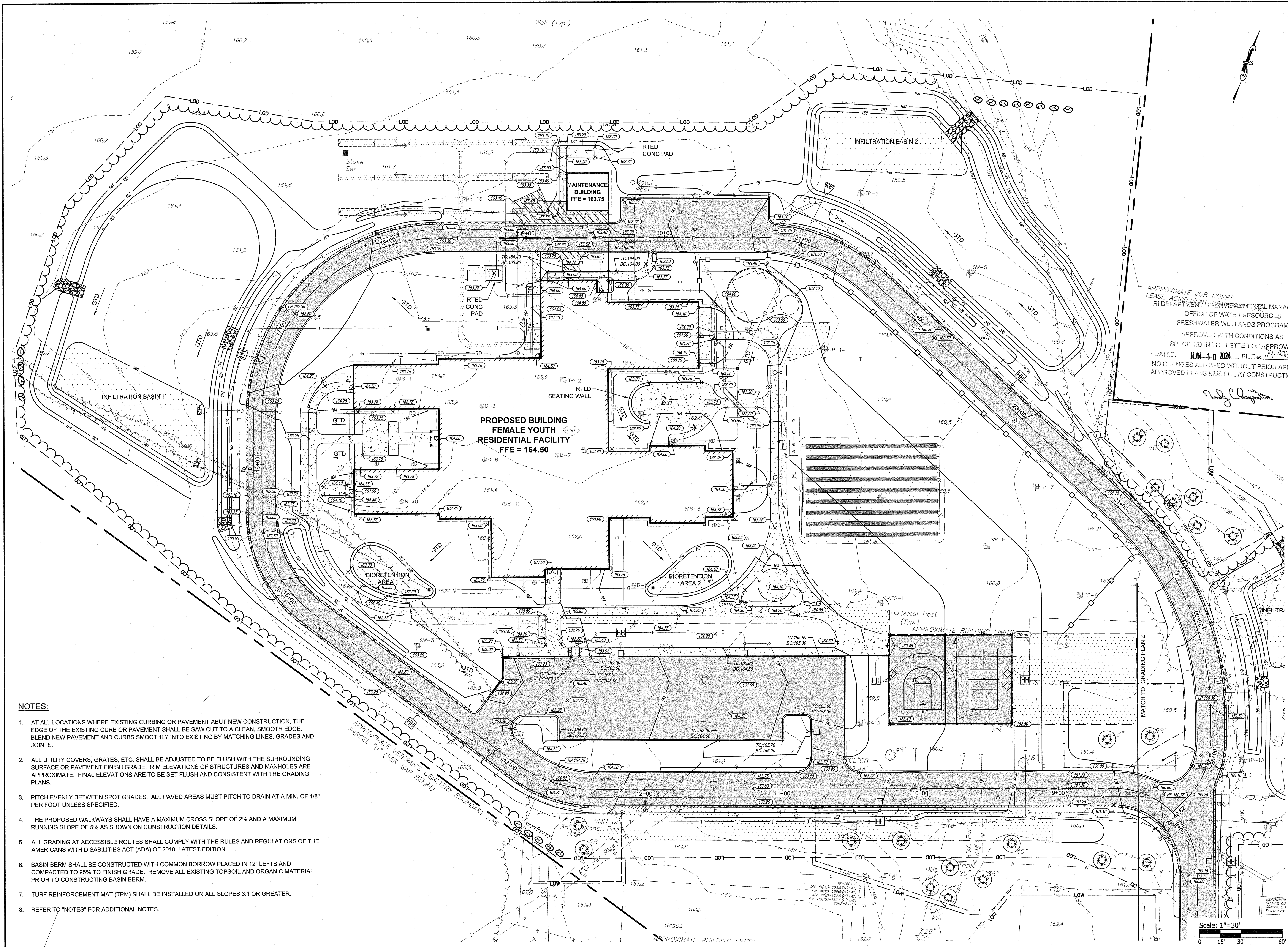
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 DATE: APRIL 4, 2024
 SCALE: 1"=30'
 DESIGNED BY: DJLS
 CHECKED BY: ACB
 DRAWN BY: AKL
 APPROVED BY: JLW
 DRAWING TITLE:

GRADING PLAN 1

DRAWING NO.:

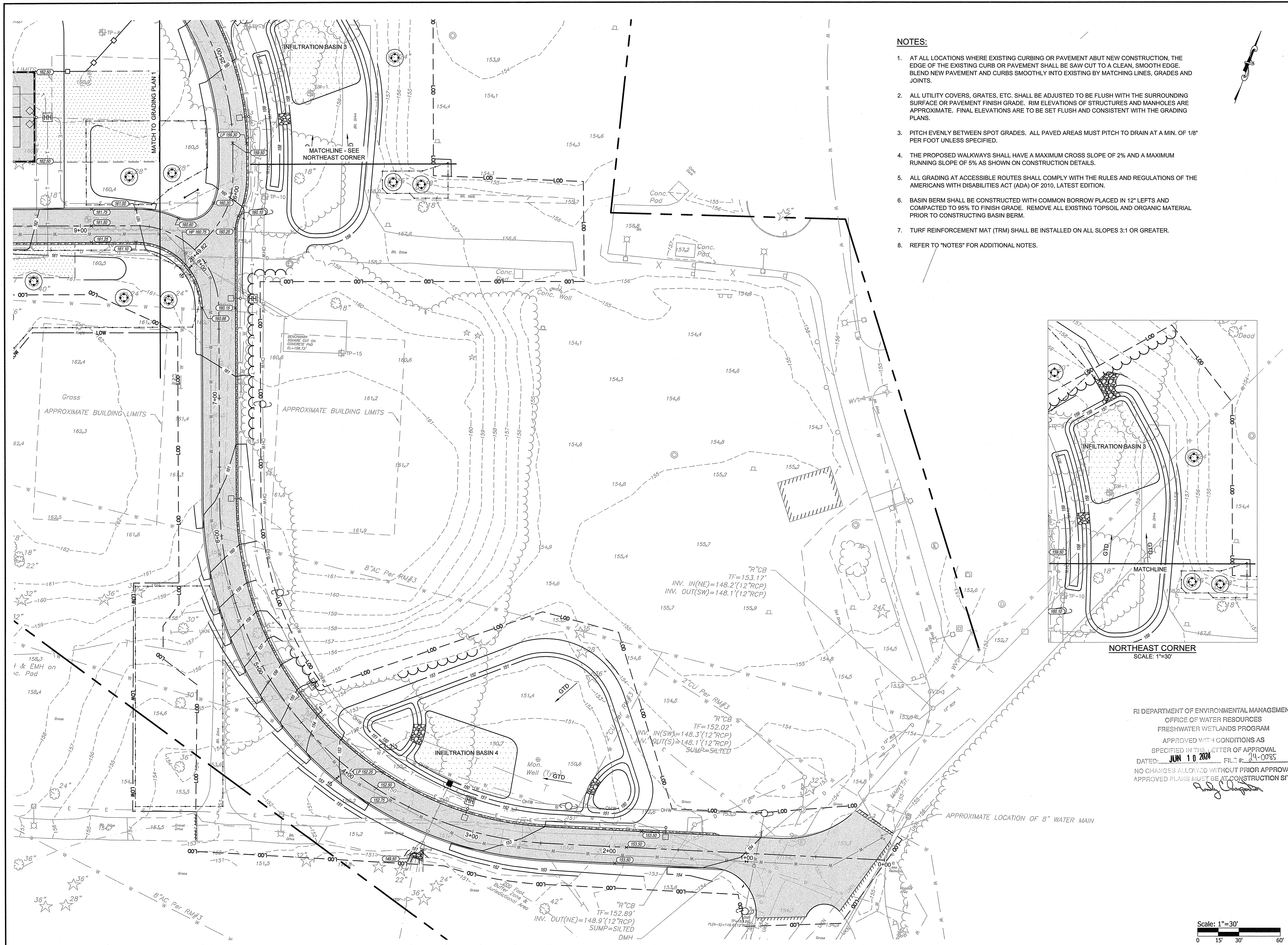
C4.1

SHEET NO. 8 OF 17

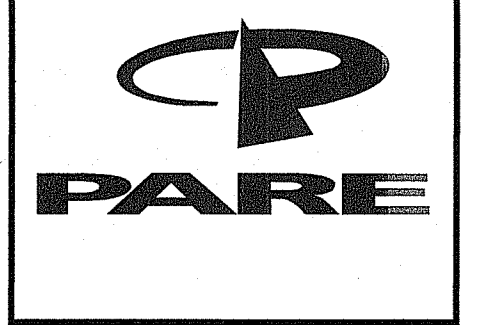


NOTES:

1. AT ALL LOCATIONS WHERE EXISTING CURBING OR PAVEMENT ABUT NEW CONSTRUCTION, THE EDGE OF THE EXISTING CURB OR PAVEMENT SHALL BE SAW CUT TO A CLEAN, SMOOTH EDGE. BLEND NEW PAVEMENT AND CURBS SMOOTHLY INTO EXISTING BY MATCHING LINES, GRADES AND JOINTS.
2. ALL UTILITY COVERS, GRATES, ETC. SHALL BE ADJUSTED TO BE FLUSH WITH THE SURROUNDING SURFACE OR PAVEMENT FINISH GRADE. RIM ELEVATIONS OF STRUCTURES AND MANHOLES ARE APPROXIMATE. FINAL ELEVATIONS ARE TO BE SET FLUSH AND CONSISTENT WITH THE GRADING PLANS.
3. PITCH EVENLY BETWEEN SPOT GRADES. ALL PAVED AREAS MUST PITCH TO DRAIN AT A MIN. OF 1/8" PER FOOT UNLESS SPECIFIED.
4. THE PROPOSED WALKWAYS SHALL HAVE A MAXIMUM CROSS SLOPE OF 2% AND A MAXIMUM RUNNING SLOPE OF 5% AS SHOWN ON CONSTRUCTION DETAILS.
5. ALL GRADING AT ACCESSIBLE ROUTES SHALL COMPLY WITH THE RULES AND REGULATIONS OF THE AMERICANS WITH DISABILITIES ACT (ADA) OF 2010, LATEST EDITION.
6. BASIN BERM SHALL BE CONSTRUCTED WITH COMMON BORROW PLACED IN 12" LEFTS AND COMPACTED TO 95% TO FINISH GRADE. REMOVE ALL EXISTING TOPSOIL AND ORGANIC MATERIAL PRIOR TO CONSTRUCTING BASIN BERM.
7. TURF REINFORCEMENT MAT (TRM) SHALL BE INSTALLED ON ALL SLOPES 3:1 OR GREATER.
8. REFER TO "NOTES" FOR ADDITIONAL NOTES.

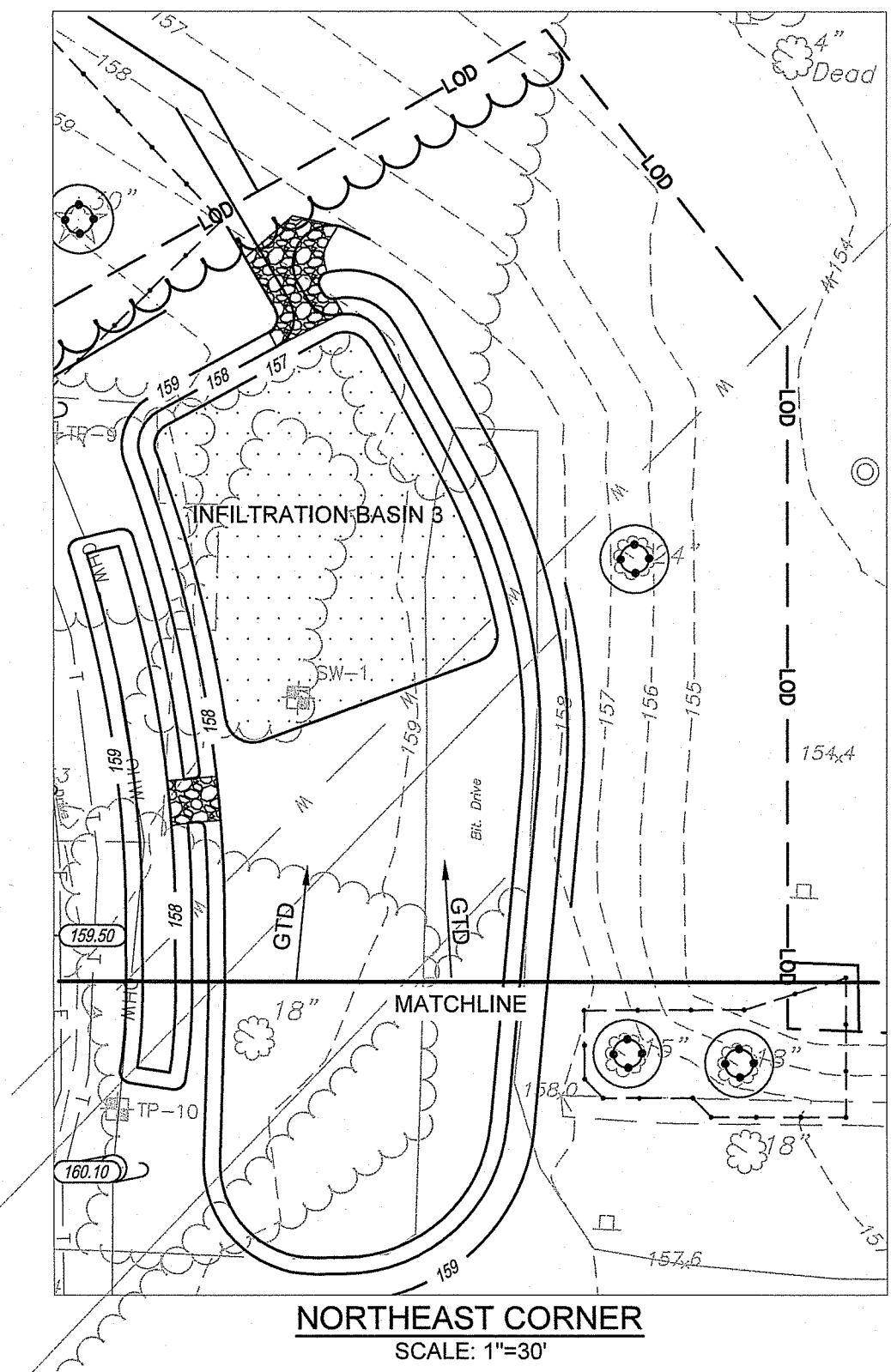


- NOTES:**
1. AT ALL LOCATIONS WHERE EXISTING CURBING OR PAVEMENT ABUT NEW CONSTRUCTION, THE EDGE OF THE EXISTING CURB OR PAVEMENT SHALL BE SAW CUT TO A CLEAN, SMOOTH EDGE. BLEND NEW PAVEMENT AND CURBS SMOOTHLY INTO EXISTING BY MATCHING LINES, GRADES AND JOINTS.
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 8. REFER TO "NOTES" FOR ADDITIONAL NOTES.



SCALE ADJUSTMENT GUIDE
 0" 1"
 BAR IS ONE INCH ON ORIGINAL DRAWING

**DCYF NEW FEMALE YOUTH
 RESIDENTIAL FACILITY**
 EXETER, RHODE ISLAND



"R"CB
 TF=153.17'
 INV. IN(NE)=148.2'(12"RCP)
 INV. OUT(SW)=148.1'(12"RCP)

"R"CB
 TF=152.02'
 INV. IN(SW)=148.3'(12"RCP)
 INV. OUT(S)=148.1'(12"RCP)
 SUMP=SILTED

"R"CB
 TF=152.89'
 INV. OUT(NE)=148.9'(12"RCP)
 SUMP=SILTED
 DMH

RI DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
 OFFICE OF WATER RESOURCES
 FRESHWATER WETLANDS PROGRAM
 APPROVED WITH CONDITIONS AS
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 DATED: **JUN 10 2024** FILE #: **24-0085**
 NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL
 APPROVED PLANS MUST BE AT CONSTRUCTION SITE

Andy Chapman

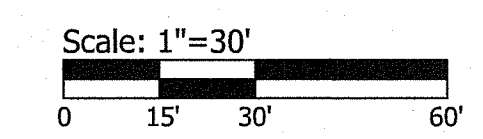
JOSEPH WEED
 No. 17763
 5/21/24
 REGISTERED
 PROFESSIONAL ENGINEER
 (CIVIL)

REVISIONS:

1	05/07/2024	RIDEM FWW RTC
---	------------	---------------

PROJECT NO.: 23026.00
 DATE: APRIL 4, 2024
 SCALE: 1"=30'
 DESIGNED BY: DJLS
 CHECKED BY: ACB
 DRAWN BY: AKL
 APPROVED BY: JLW
 DRAWING TITLE:

GRADING PLAN 2
 DRAWING NO.: **C4.2**
 SHEET NO. 9 OF 17





SCALE ADJUSTMENT GUIDE
 0" = 1"
 BAR IS ONE INCH ON ORIGINAL DRAWING

**DCYF NEW FEMALE YOUTH
 RESIDENTIAL FACILITY**
 EXETER, RHODE ISLAND

JOSEPH WEED
 No. 11763
 5/21/14
 REGISTERED
 PROFESSIONAL ENGINEER
 (CIVIL)

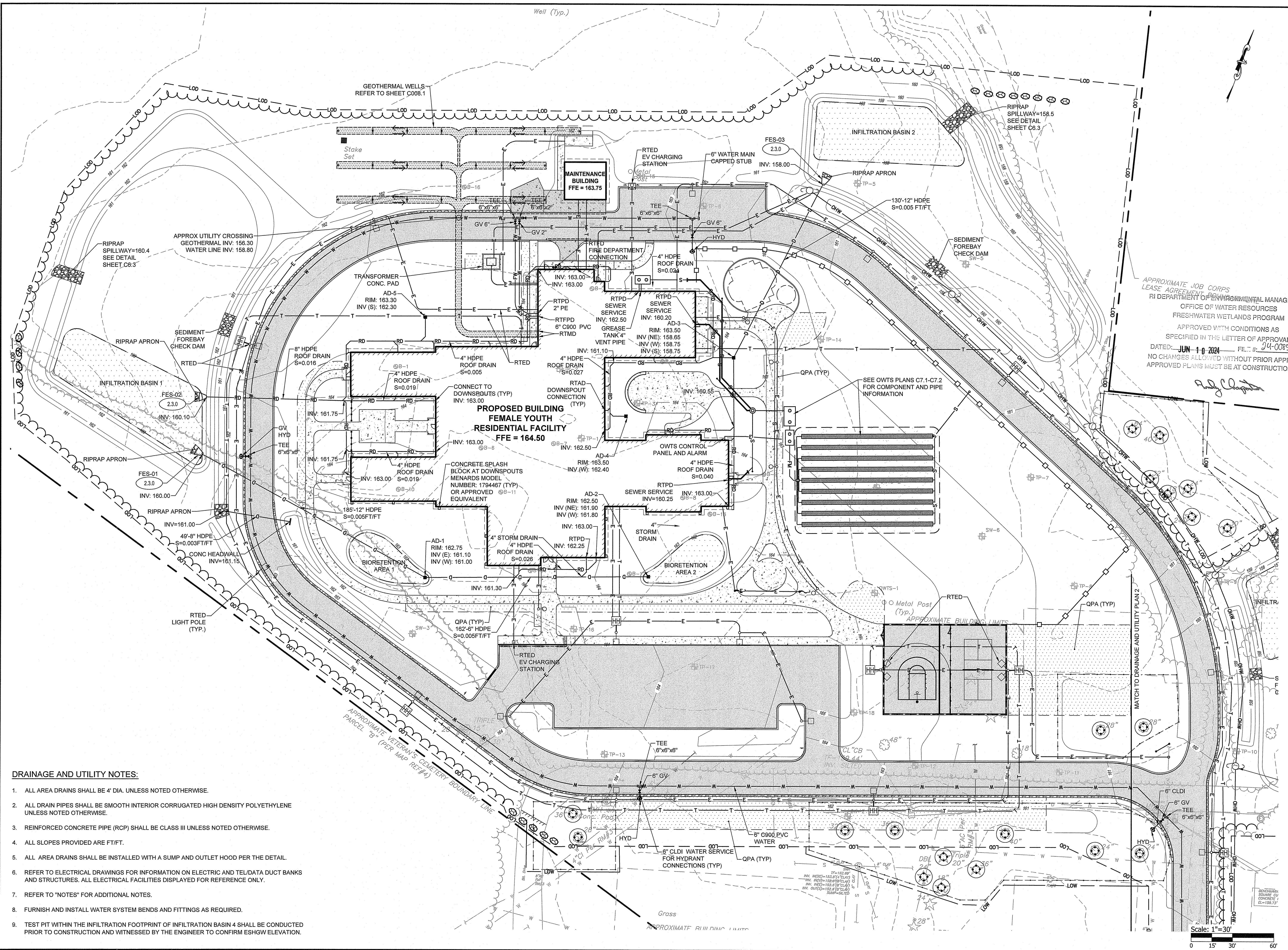
REVISIONS:
 1 05/07/2024 RIDEM FWV RTC

PROJECT NO.: 23026.00
 DATE: APRIL 4, 2024
 SCALE: 1"=30'
 DESIGNED BY: DJLS
 CHECKED BY: ACB
 DRAWN BY: AKL
 APPROVED BY: JLW
 DRAWING TITLE:

DRAINAGE & UTILITY
 PLAN 1

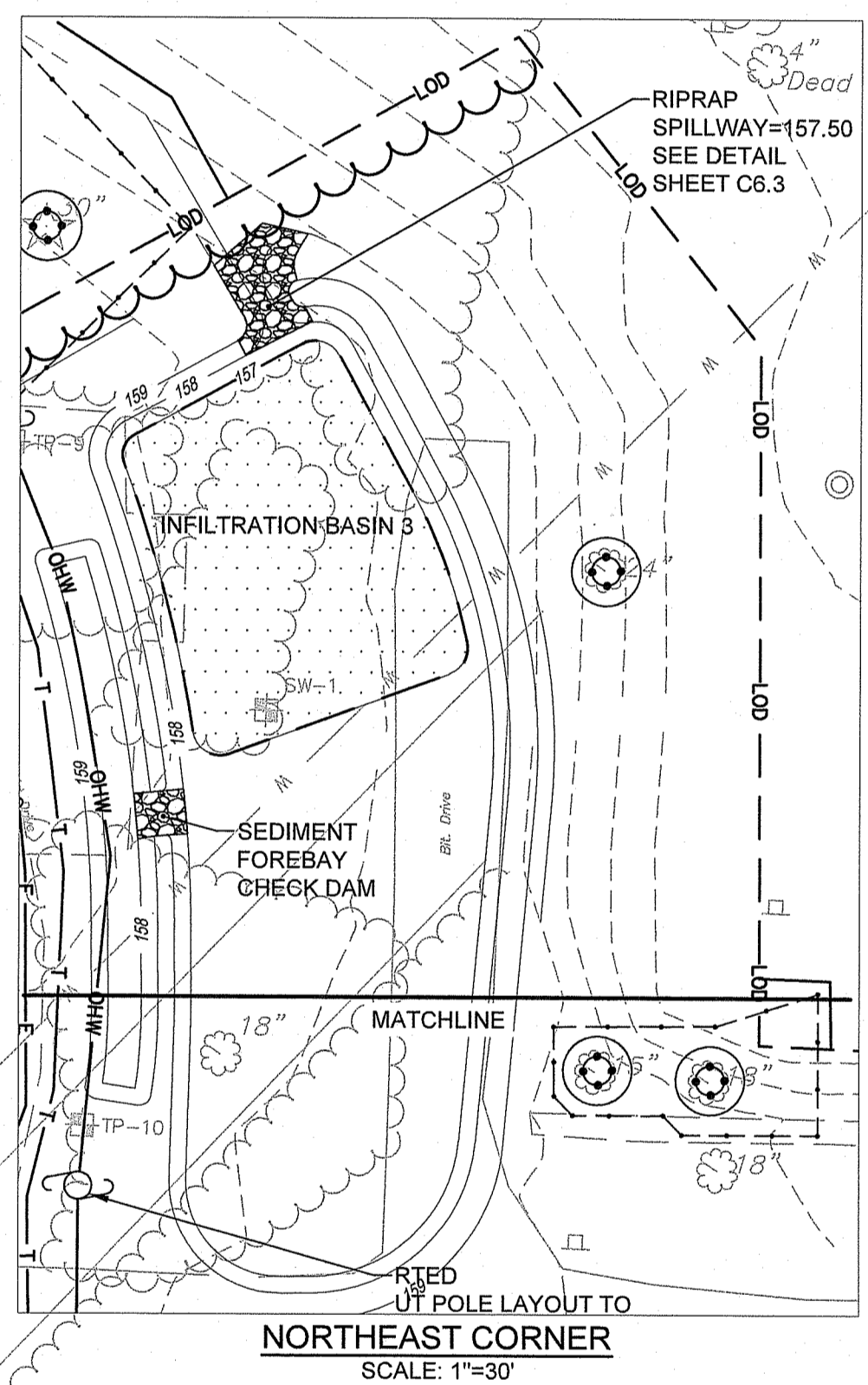
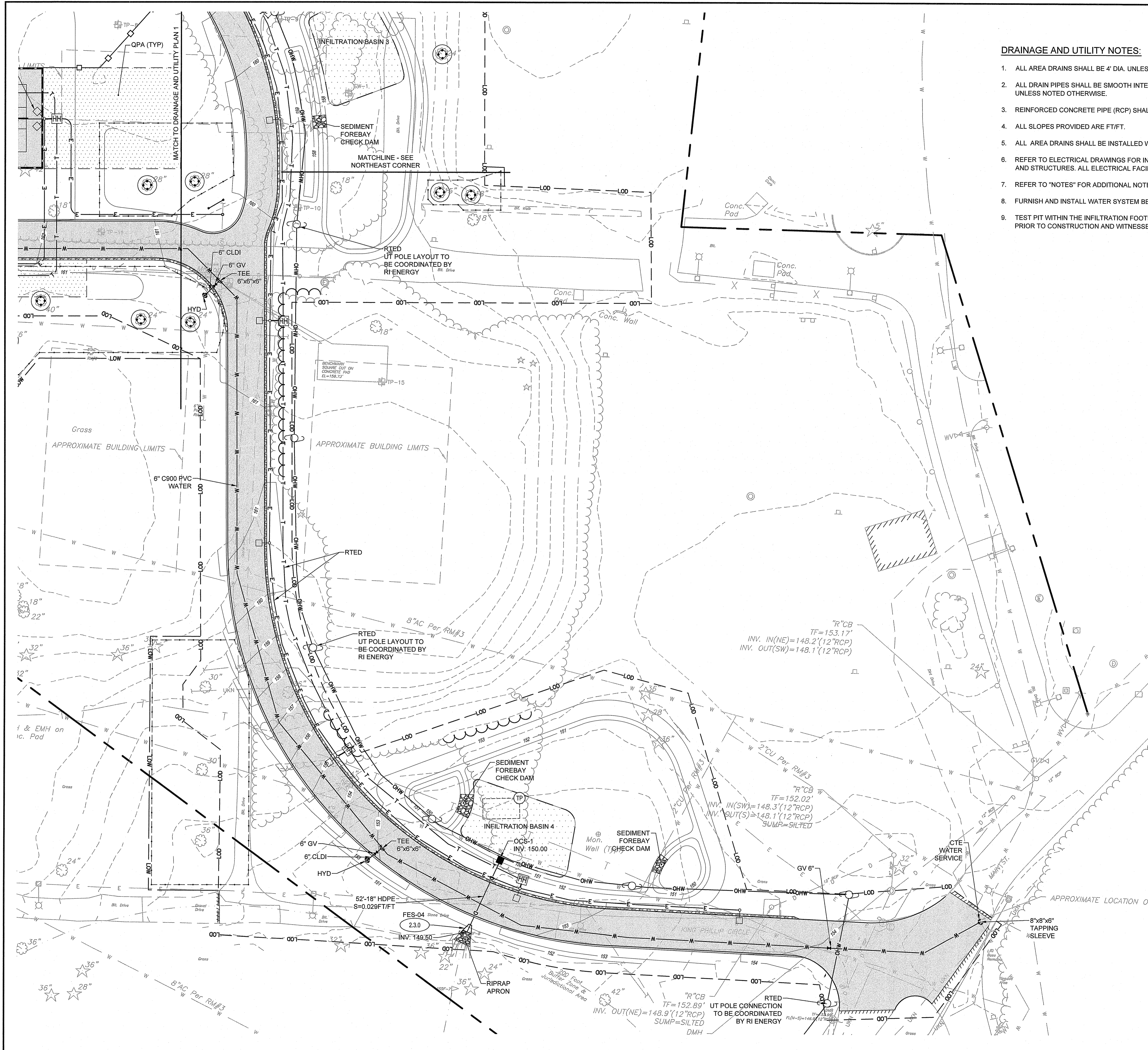
DRAWING NO.:
C5.1

SHEET NO. 10 OF 17



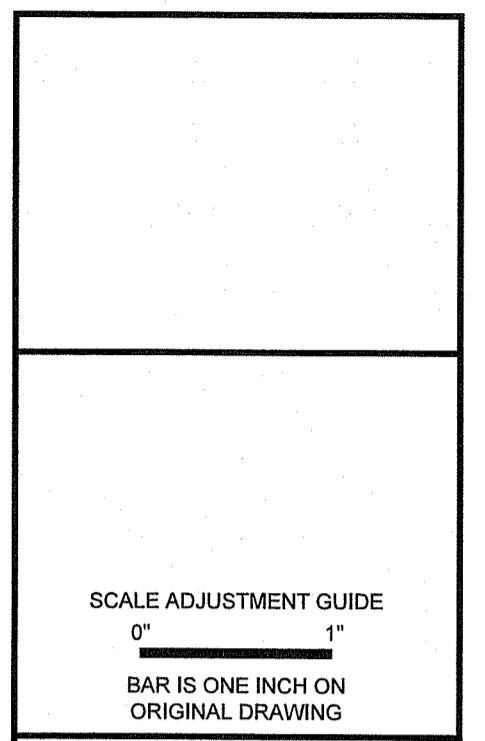
DRAINAGE AND UTILITY NOTES:

1. ALL AREA DRAINS SHALL BE 4" DIA. UNLESS NOTED OTHERWISE.
2. ALL DRAIN PIPES SHALL BE SMOOTH INTERIOR CORRUGATED HIGH DENSITY POLYETHYLENE UNLESS NOTED OTHERWISE.
3. REINFORCED CONCRETE PIPE (RCP) SHALL BE CLASS III UNLESS NOTED OTHERWISE.
4. ALL SLOPES PROVIDED ARE FT/FT.
5. ALL AREA DRAINS SHALL BE INSTALLED WITH A SUMP AND OUTLET HOOD PER THE DETAIL.
6. REFER TO ELECTRICAL DRAWINGS FOR INFORMATION ON ELECTRIC AND TEL/DATA DUCT BANKS AND STRUCTURES. ALL ELECTRICAL FACILITIES DISPLAYED FOR REFERENCE ONLY.
7. REFER TO "NOTES" FOR ADDITIONAL NOTES.
8. FURNISH AND INSTALL WATER SYSTEM BENDS AND FITTINGS AS REQUIRED.
9. TEST PIT WITHIN THE INFILTRATION FOOTPRINT OF INFILTRATION BASIN 4 SHALL BE CONDUCTED PRIOR TO CONSTRUCTION AND WITNESSED BY THE ENGINEER TO CONFIRM ESHGW ELEVATION.



DRAINAGE AND UTILITY NOTES:

1. ALL AREA DRAINS SHALL BE 4" DIA. UNLESS NOTED OTHERWISE.
2. ALL DRAIN PIPES SHALL BE SMOOTH INTERIOR CORRUGATED HIGH DENSITY POLYETHYLENE UNLESS NOTED OTHERWISE.
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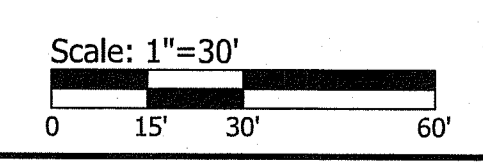
**DCYF NEW FEMALE YOUTH
RESIDENTIAL FACILITY**
EXETER, RHODE ISLAND

JOSEPH WEED
No. 111763
5/24/24
REGISTERED
PROFESSIONAL ENGINEER
(CIVIL)

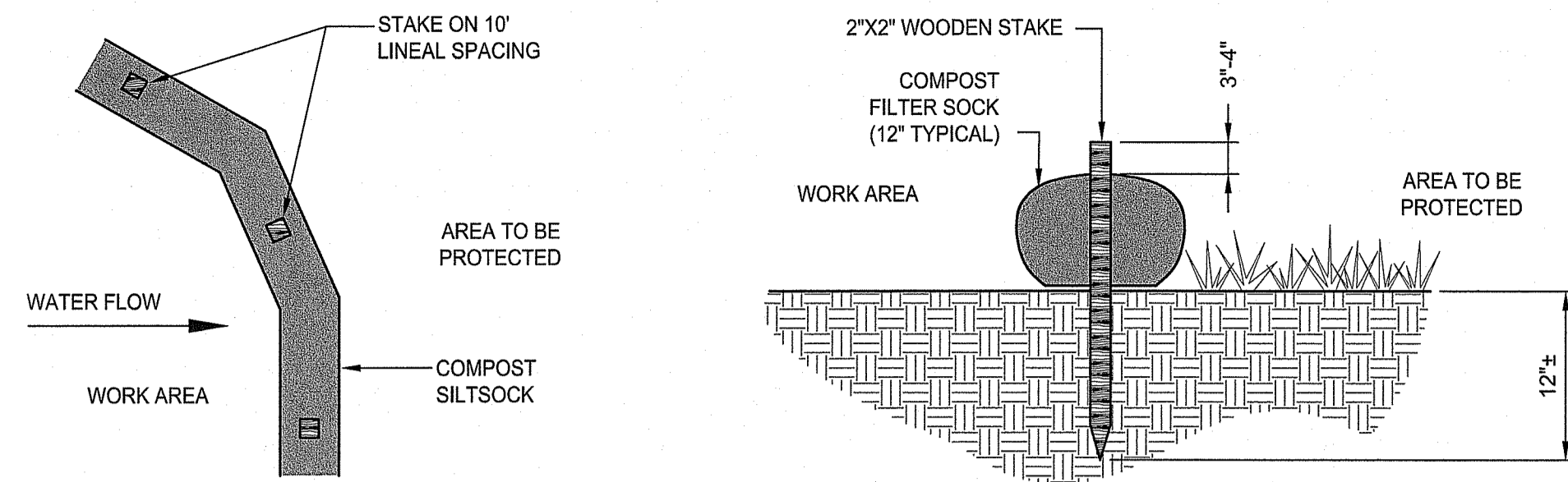
REVISIONS:

1	05/07/2024	RIDEM FWW RTC
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RI DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
APPROVED WITH CONDITIONS AS
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DATED: **JUN 10 2024** FILE #: 24-0085
NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL
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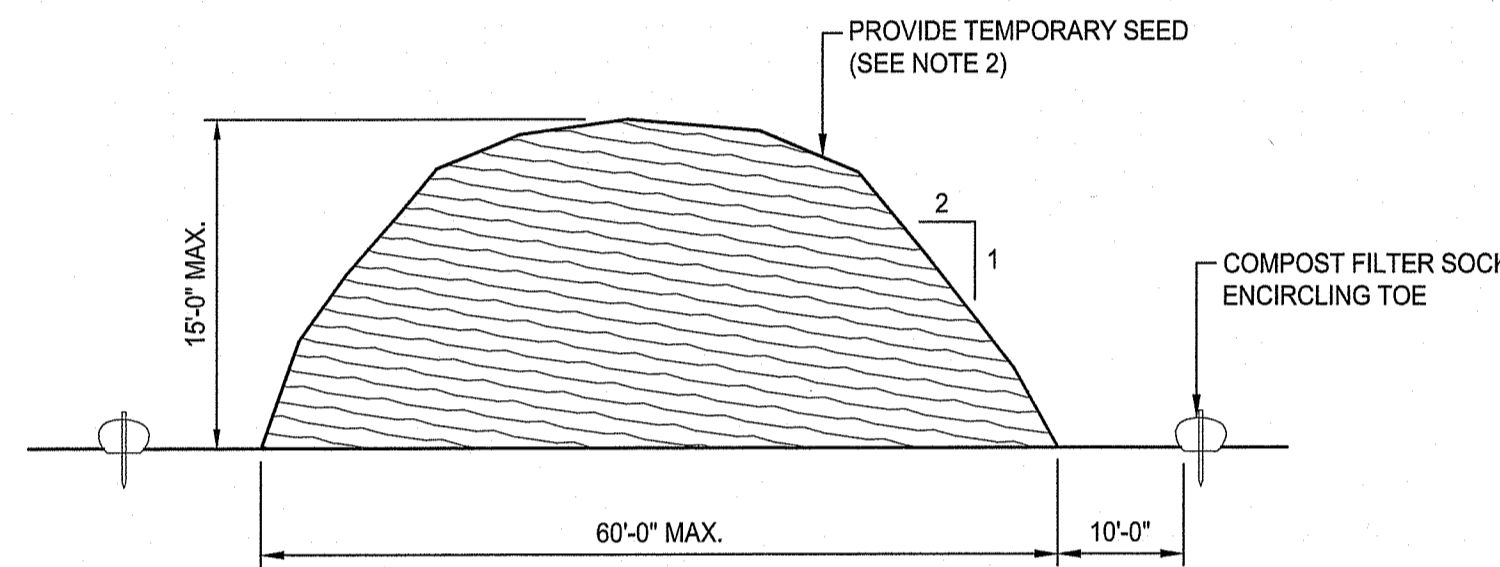


PROJECT NO.: 23026.00
DATE: APRIL 4, 2024
SCALE: 1"=30'
DESIGNED BY: DJLS
CHECKED BY: ACB
DRAWN BY: AKL
APPROVED BY: JLW
DRAWING TITLE:
**DRAINAGE & UTILITY
PLAN 2**
DRAWING NO.:
C5.2
SHEET NO. 11 OF 17



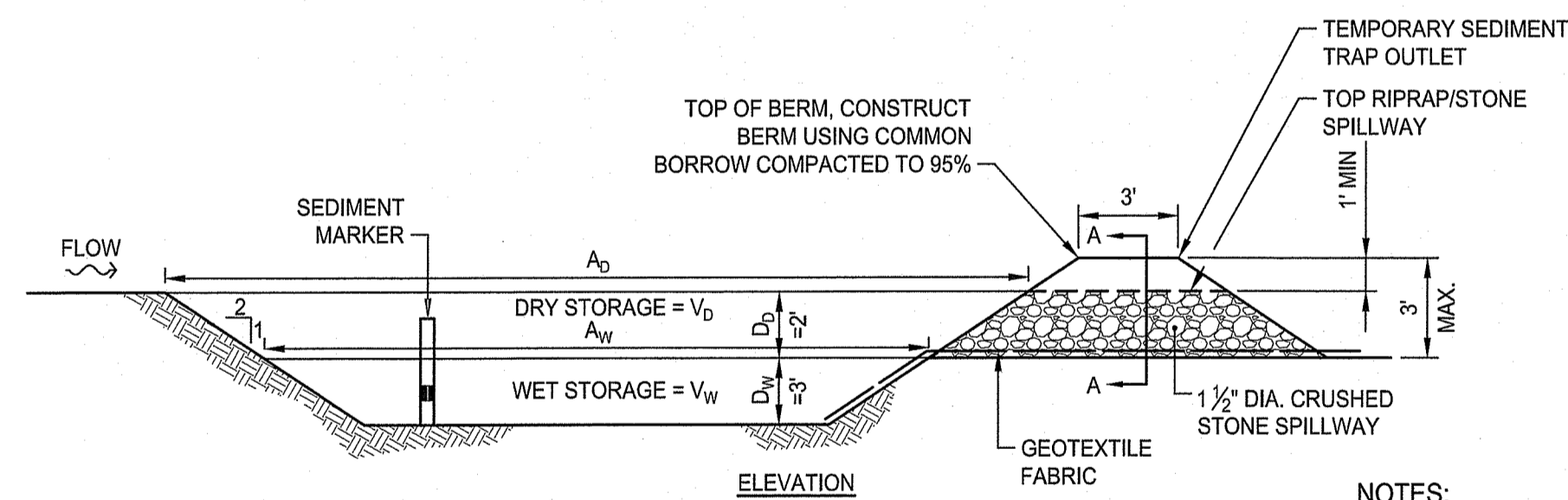
- NOTES:**
1. COMPOST/ SOIL/ ROCK/ SEED FILL TO MEET APPLICATION REQUIREMENTS.
 2. COMPOST MATERIAL TO BE REMOVED OR DISPERSED ON SITE AS DETERMINED BY ENGINEER.
 3. IF SOCK NETTING MUST BE JOINED, FIT BEGINNING OF NEW SOCK OVER END OF OLD SOCK, OVERLAPPING BY 2 FEET AND STACK OVERLAP. IF SOCK NETTING IS NOT JOINED, OVERLAP OLD SOCK WITH NEW ONE BY MINIMUM OF 2 FEET.

COMPOST FILTER SOCK DETAIL
NOT TO SCALE



- NOTES:**
1. STOCKPILE AREA SHALL NOT EXCEED SPECIFIED DIMENSIONS WITHOUT APPROVAL FROM ENGINEER.
 2. STOCKPILED ERODIBLE MATERIAL THAT WILL NOT BE USED FOR GREATER THAN 14 DAYS SHALL BE STABILIZED WITH TEMPORARY SEED IMMEDIATELY FOLLOWING PLACEMENT. USE RIDOT STD. M.18.10.5 SEED MIX.

ERODIBLE MATERIAL STOCKPILE
NOT TO SCALE

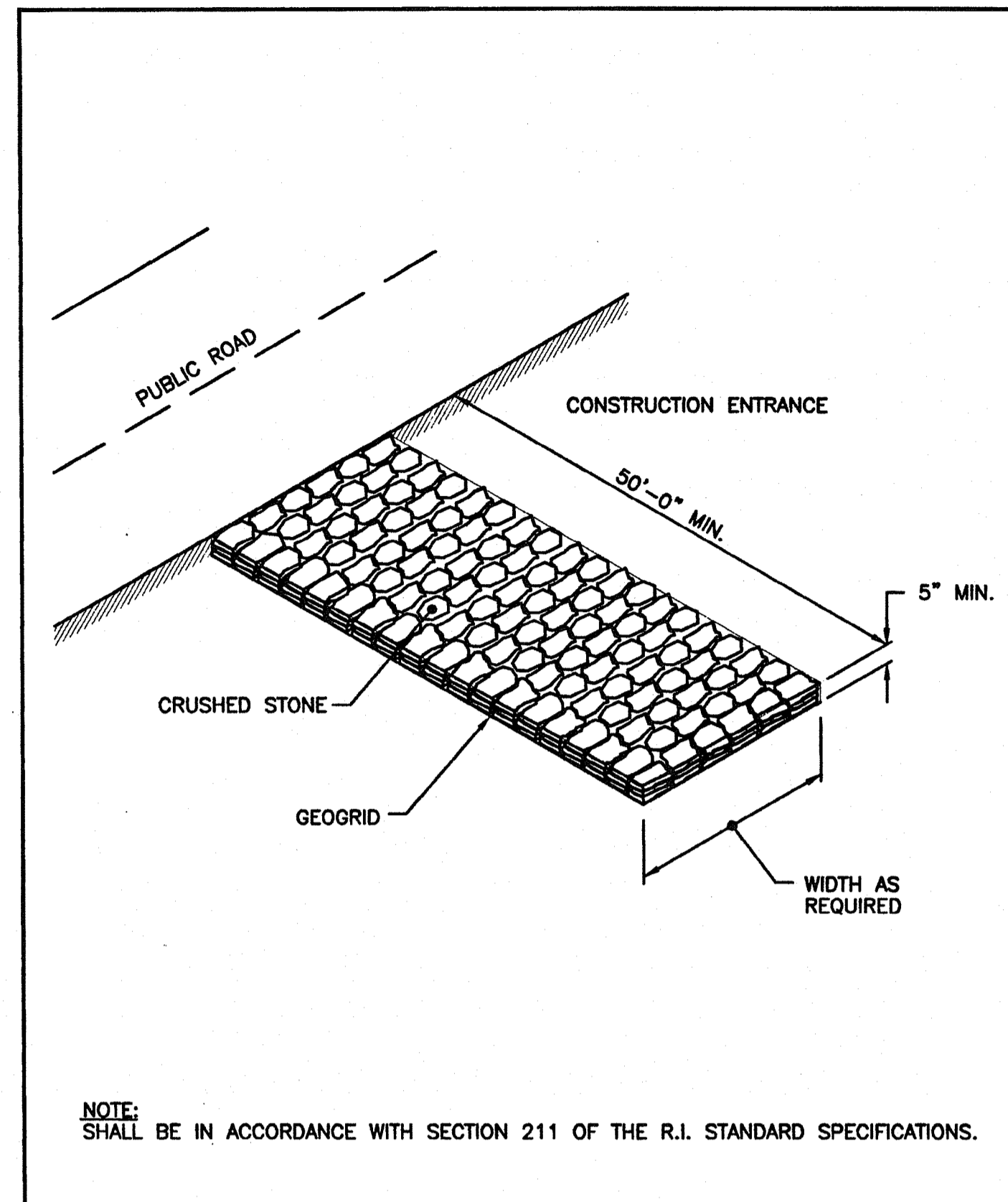


- NOTES:**
1. TEMPORARY SEDIMENT TRAPS SHALL BE CLEANED OR REMOVED EVERY 6 MONTHS.
 2. RIPRAP SHALL MEET RIDOT STANDARD SPECIFICATION M.10.03.2.
 3. STONE SHALL MEET RIDOT STANDARD SPECIFICATION M.01.09 TABLE I, COLUMN V (FILTER STONE).
 4. SEDIMENT MARKER SHALL BE INSTALLED SUCH THAT TOP OF BLACK ENAMEL BAND IS 1.5' FROM THE BOTTOM OF THE SEDIMENT TRAP.

SECTION A-A

TST #	L _w (FT)	W _w (FT)	A _w (SF)	V _w (CF)	V _d (CF)	TOTAL STORAGE V _w + V _d (CF)
TST-1	75	30	2,250	5,737.5	5,404	11,141.5
TST-2	80	30	2,400	6,120	5,744	11,864
TST-3	75	30	2,250	5,737.5	5,404	11,141.5
TST-4	60	20	1,200	3,060	3,104	6,164
TST-5	120	20	2,400	6,120	5,984	12,104

TEMPORARY SEDIMENT TRAP DETAIL
NOT TO SCALE



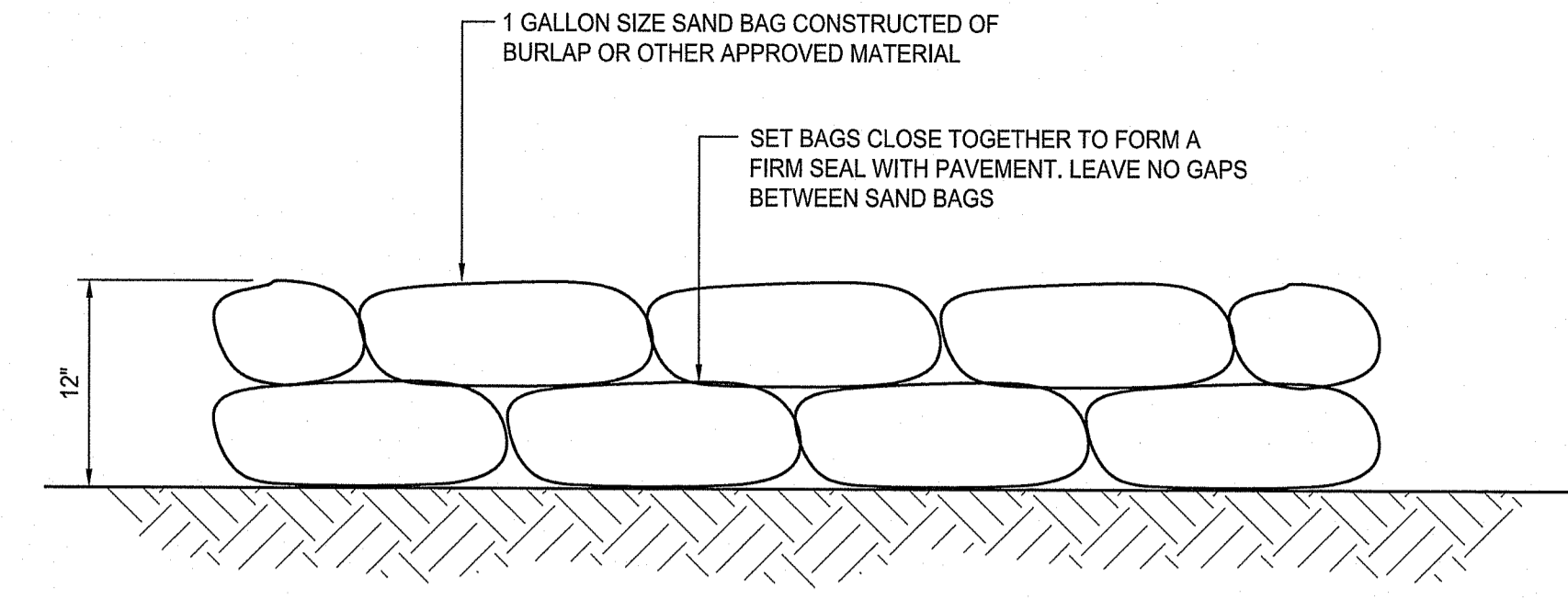
NOTE: SHALL BE IN ACCORDANCE WITH SECTION 211 OF THE R.I. STANDARD SPECIFICATIONS.

RHODE ISLAND DEPARTMENT OF TRANSPORTATION

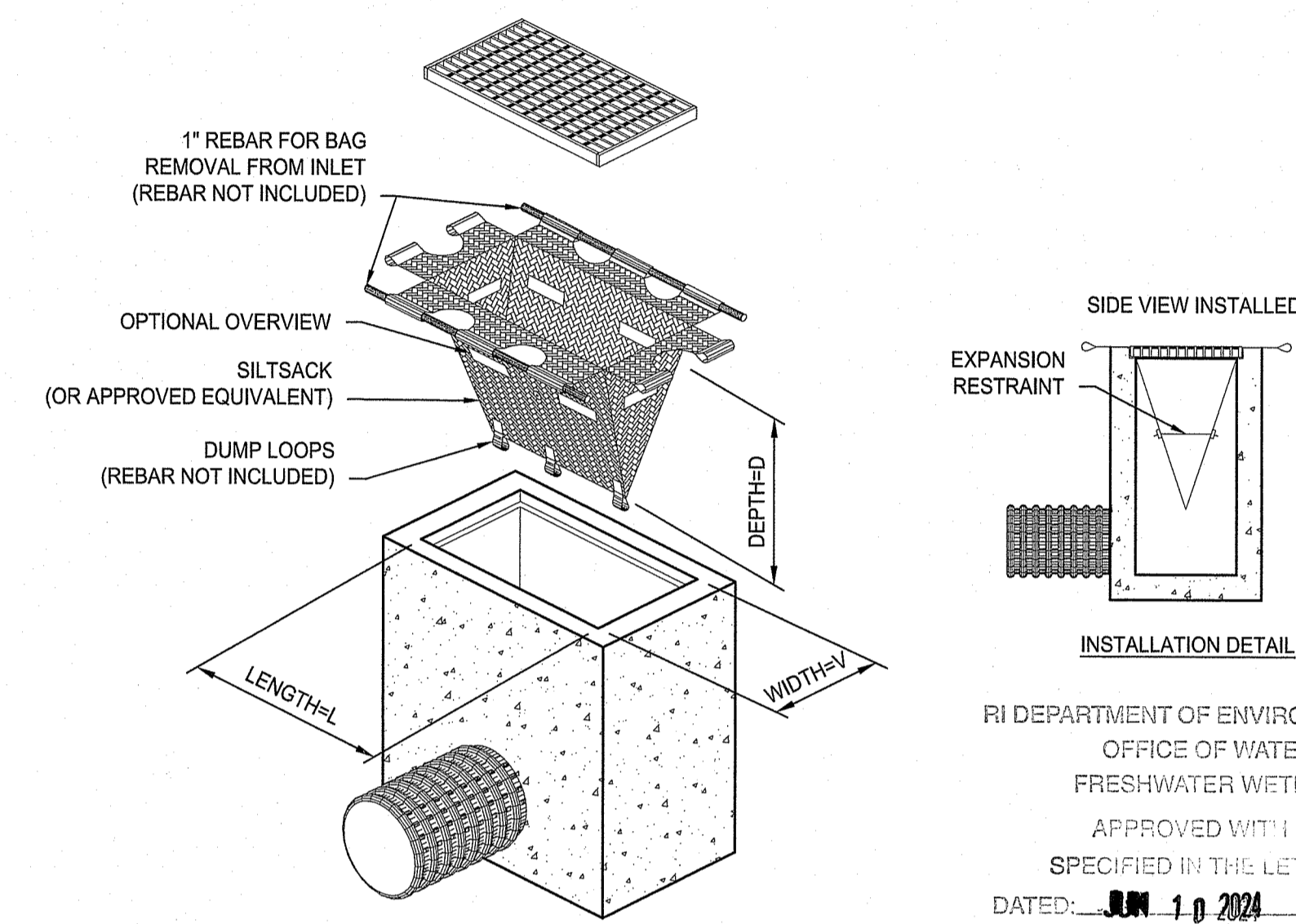
CONSTRUCTION ACCESS

R.I. STANDARD 9.9.0

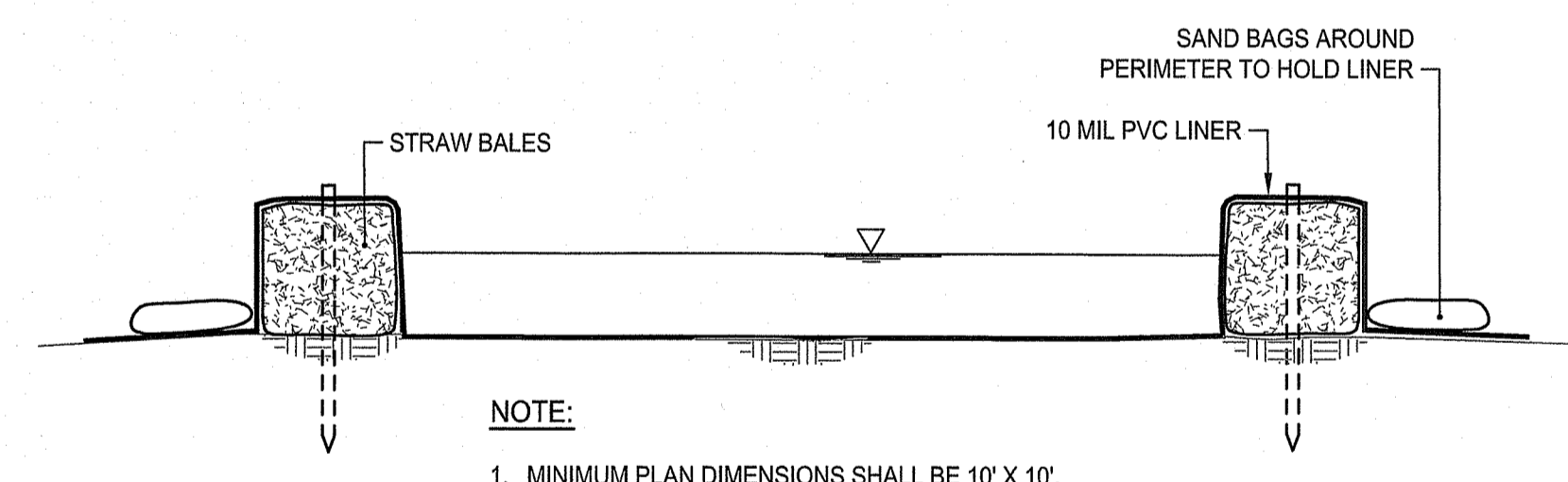
JUNE 15, 1998



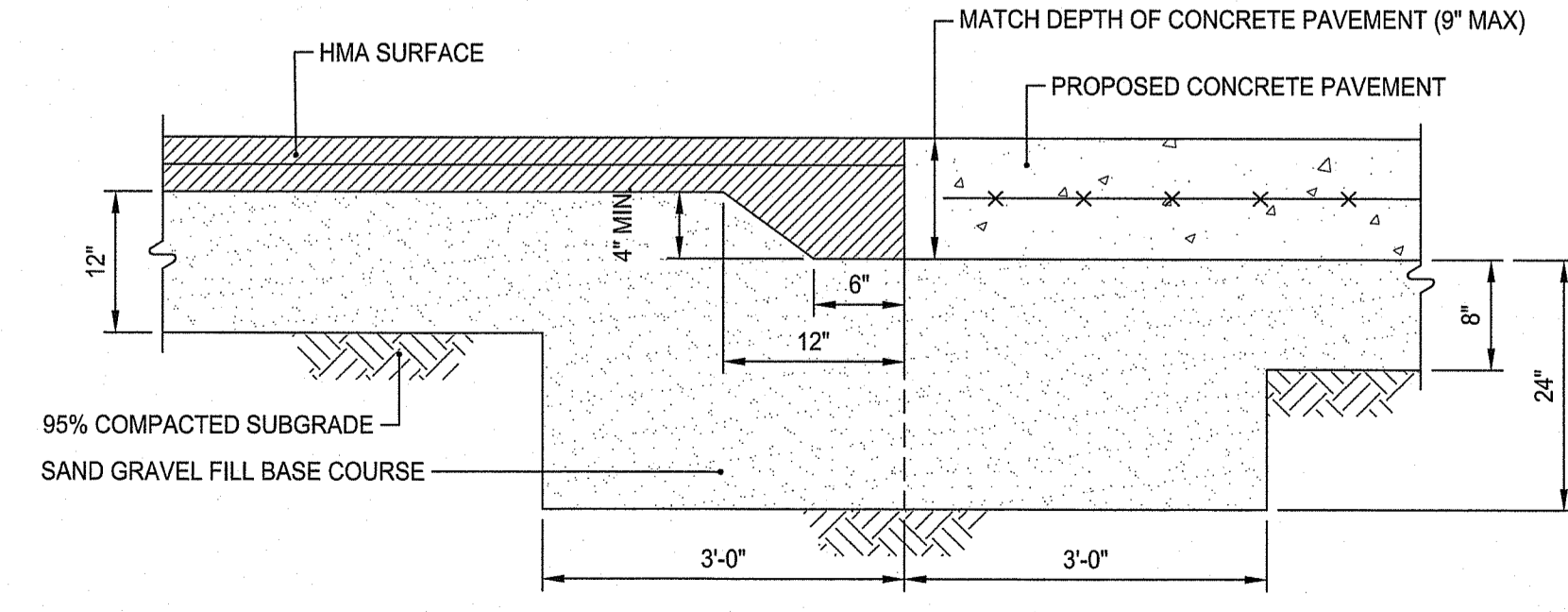
SAND BAG EROSION CONTROL BARRIER
NOT TO SCALE



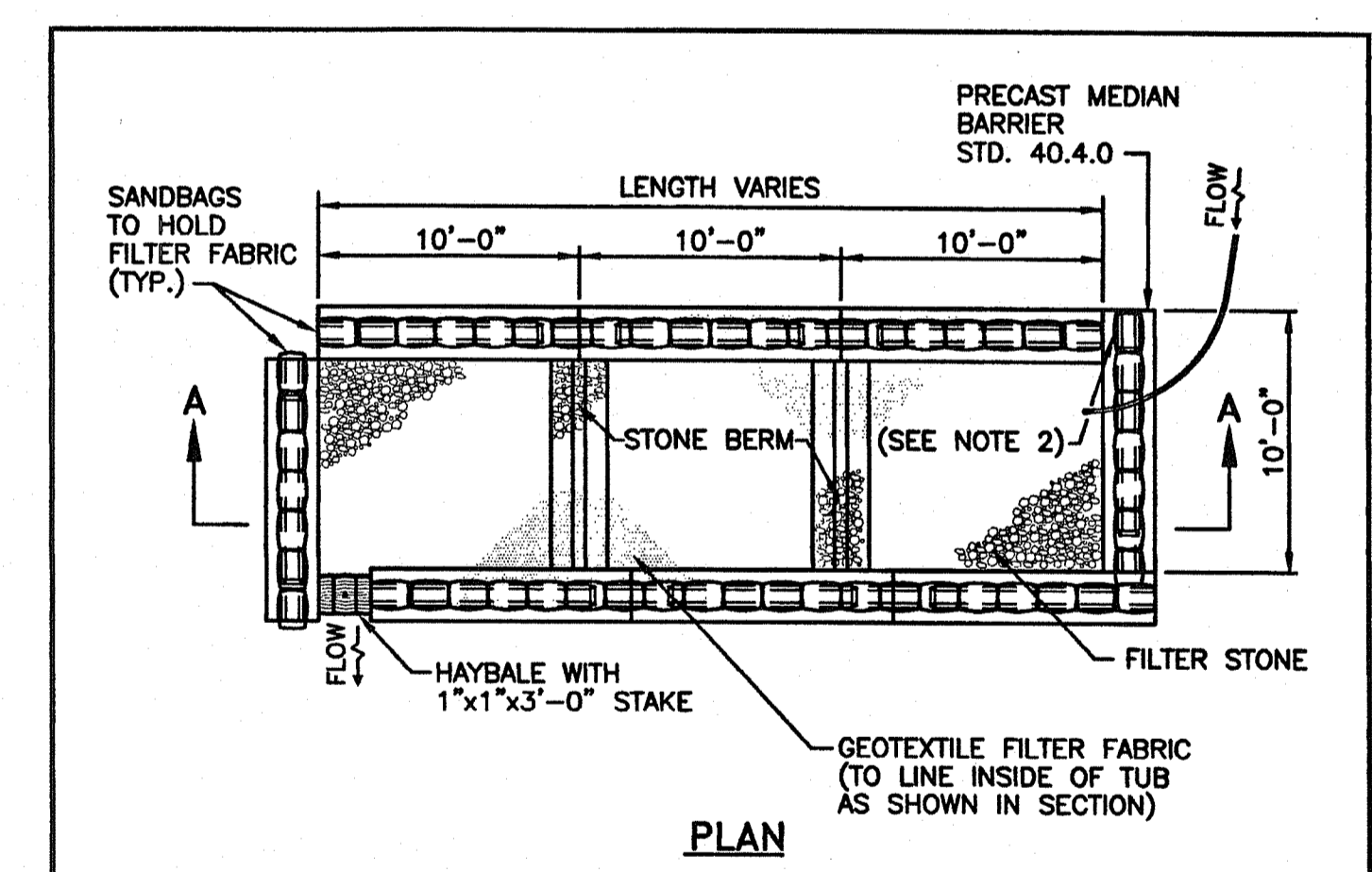
TEMPORARY INLET PROTECTION
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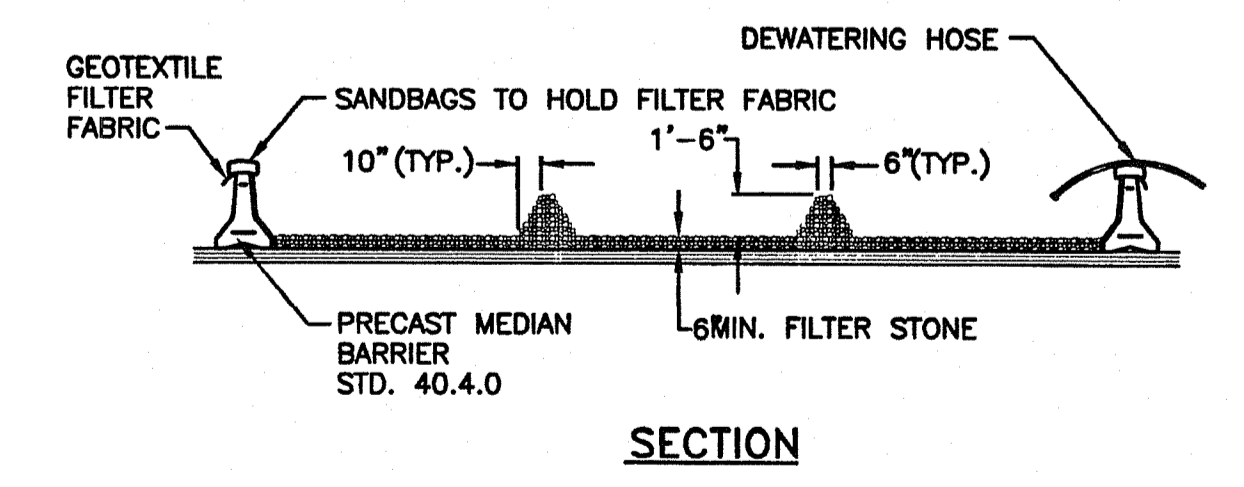
CONCRETE WASHOUT FACILITY
NOT TO SCALE



ASPHALT TURNDOWN DETAIL
NOT TO SCALE



PLAN



SECTION

- NOTES:**
1. SHALL BE IN ACCORDANCE WITH SECTION 208 OF THE R.I. STANDARD SPECIFICATIONS.
 2. PROVIDE ADDITIONAL SAND BAGS AS REQUIRED TO FILL SPACE BETWEEN ADJACENT BARRIERS.

RHODE ISLAND DEPARTMENT OF TRANSPORTATION

DEWATERING BASIN

R.I. STANDARD 9.7.0

JUNE 15, 1998



SCALE ADJUSTMENT GUIDE
0" = 1"
BAR IS ONE INCH ON ORIGINAL DRAWING

DCYF NEW FEMALE YOUTH RESIDENTIAL FACILITY
EXETER, RHODE ISLAND

JOSEPH WEED
No. 11763
5/21/64
REGISTERED PROFESSIONAL ENGINEER (CIVIL)

REVISIONS:
1 05/07/2024 RIDEM FWV RTC

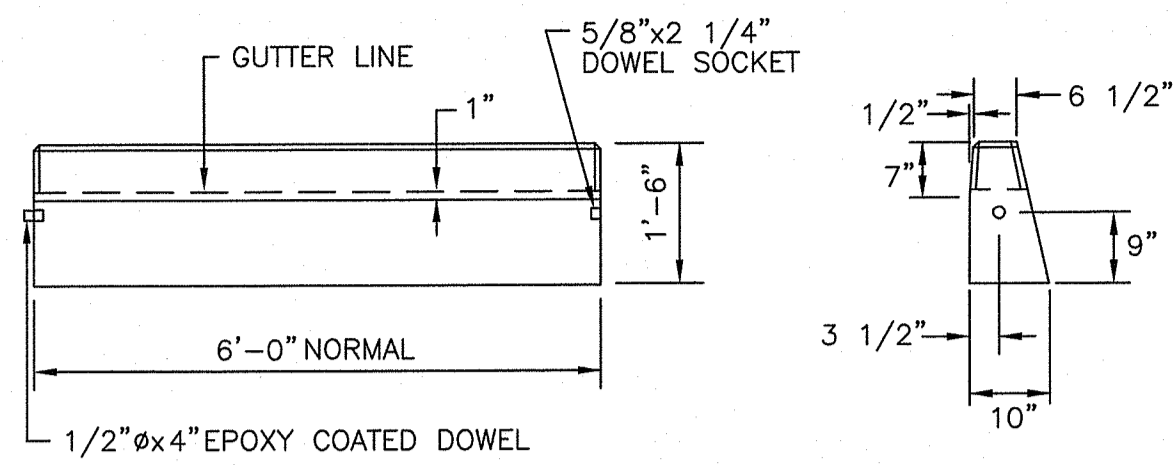
PROJECT NO.: 23028.00
DATE: APRIL 4, 2024
SCALE: NOT TO SCALE
DESIGNED BY: DJLS
CHECKED BY: ACB
DRAWN BY: AKL
APPROVED BY: JLW
DRAWING TITLE: DETAILS 1

DRAWING NO.: **C6.1**
SHEET NO. 12 OF 17



SCALE ADJUSTMENT GUIDE
0" 1"
BAR IS ONE INCH ON ORIGINAL DRAWING

DCYF NEW FEMALE YOUTH
RESIDENTIAL FACILITY
EXETER, RHODE ISLAND

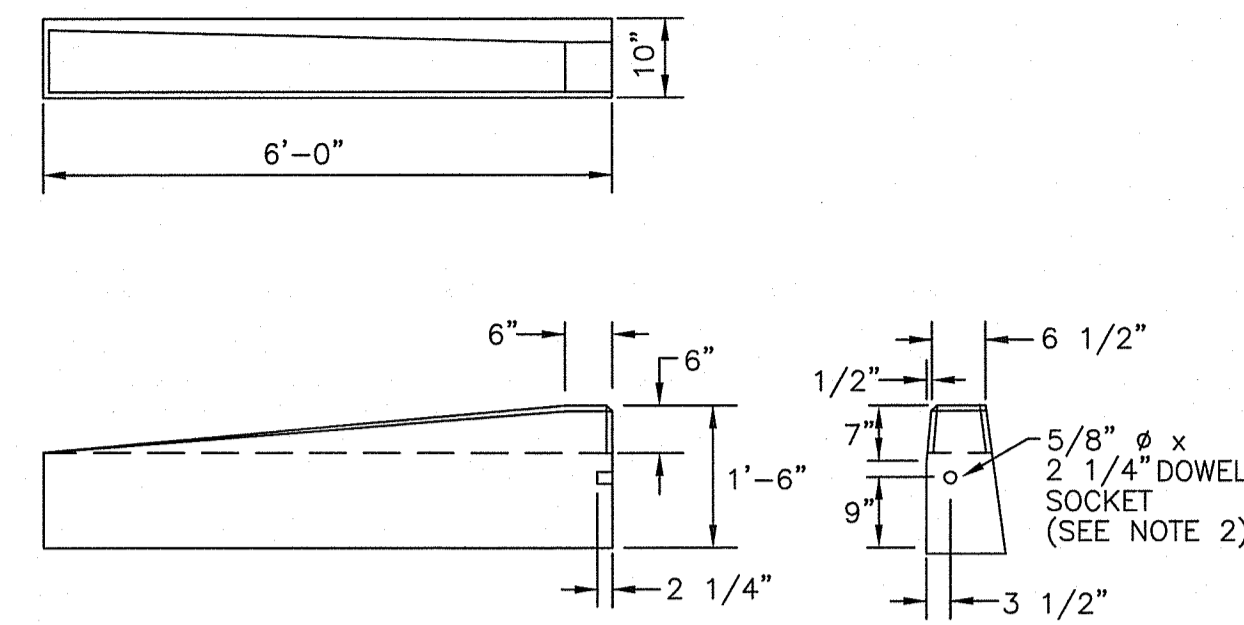


CIRCULAR CURB

- NOTES:
1. SHALL BE IN ACCORDANCE WITH SECTION 906 OF THE R.I. STANDARD SPECIFICATIONS.
 2. MINIMUM LENGTH OF STRAIGHT OR CIRCULAR FILLER PIECES TO BE 3'-0".
 3. EXPOSED SURFACES TO HAVE A SPONGE FLOAT FINISH.
 4. CIRCULAR CURB IS REQUIRED ON CURVES WITH RADII OF 160'-0" OR LESS. STRAIGHT CURB TO BE USED ON CURVES WITH MORE THAN 160'-0" RADIUS.
 5. EXPOSED EDGES TO HAVE A 3/4" CHAMFER.

RHODE ISLAND DEPARTMENT OF TRANSPORTATION

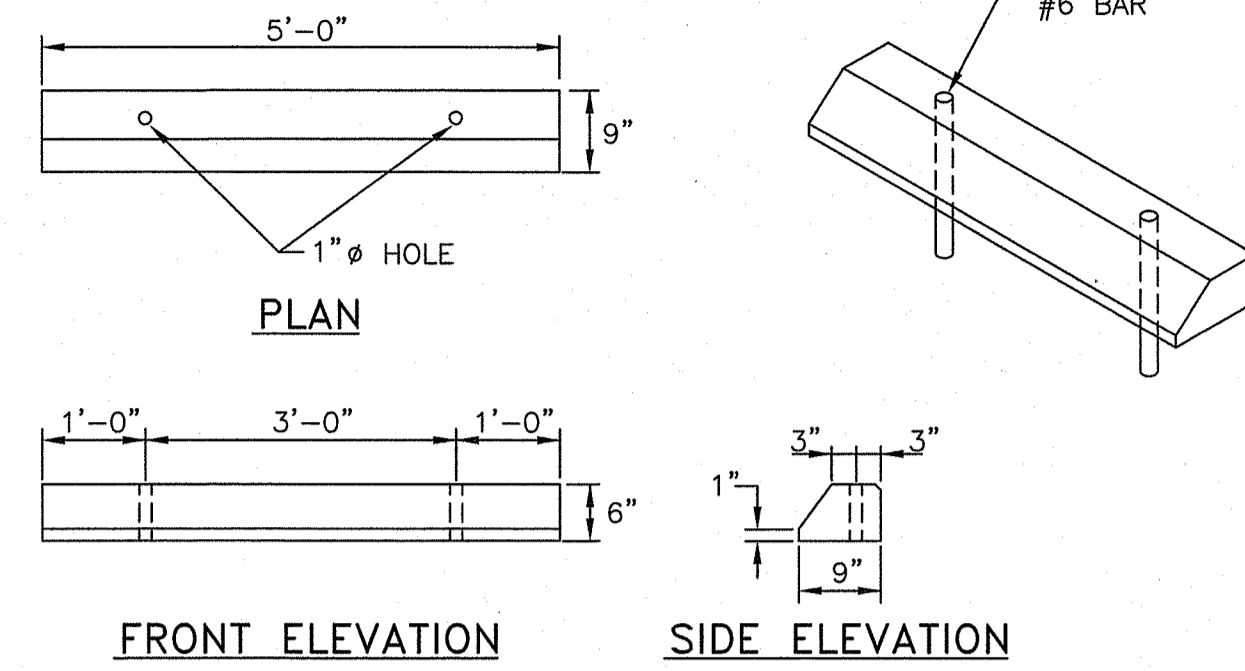
REVISIONS			PRECAST CONCRETE CURB		R.I. STANDARD 7.1.0
NO.	BY	DATE	ISSUE DATE	ISSUE DATE	
1	MLP	Mar 05			



- NOTES:
1. SHALL BE IN ACCORDANCE WITH SECTION 906 OF THE R.I. STANDARD SPECIFICATIONS.
 2. DRAWING SHOWS TRANSITION CURB FOR ONE DIRECTION. FOR OTHER DIRECTION USE OPPOSITE HAND AND INCLUDE A 1/2" x 4" EPOXY COATED DOWEL.
 3. EXPOSED SURFACES TO HAVE A SPONGE FLOAT FINISH.
 4. EXPOSED EDGES TO HAVE A 3/4" CHAMFER.

RHODE ISLAND DEPARTMENT OF TRANSPORTATION

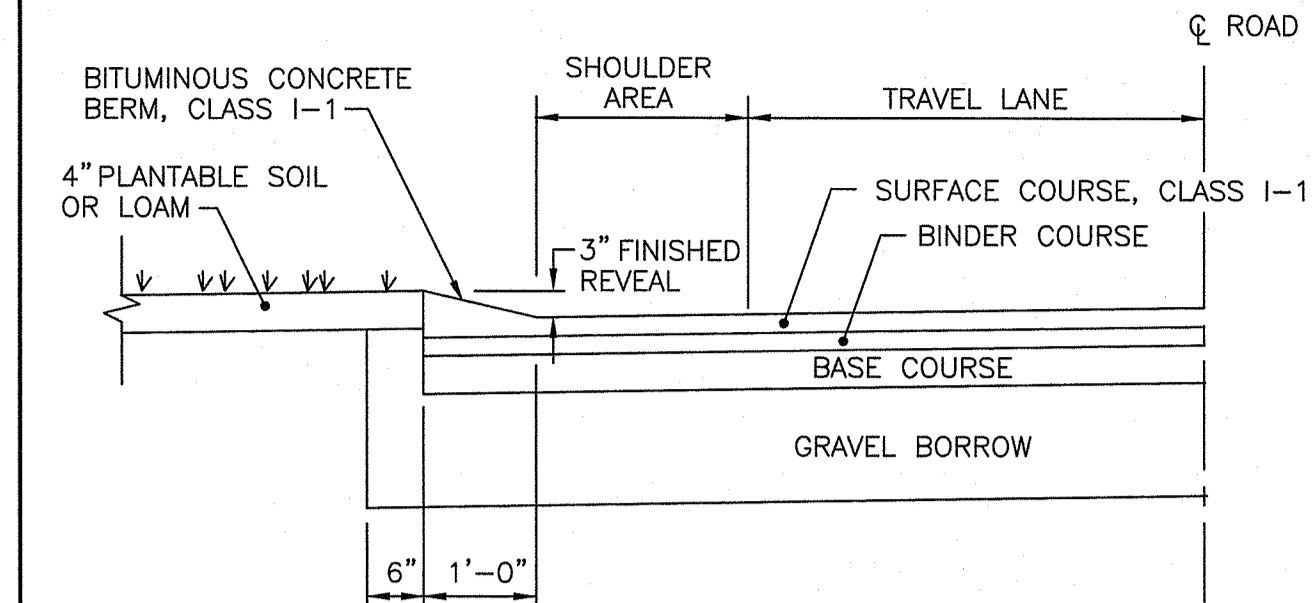
REVISIONS			6'-0" PRECAST CONCRETE TRANSITION CURB		R.I. STANDARD 7.1.2
NO.	BY	DATE	ISSUE DATE	ISSUE DATE	
1	MLP	Mar 05			



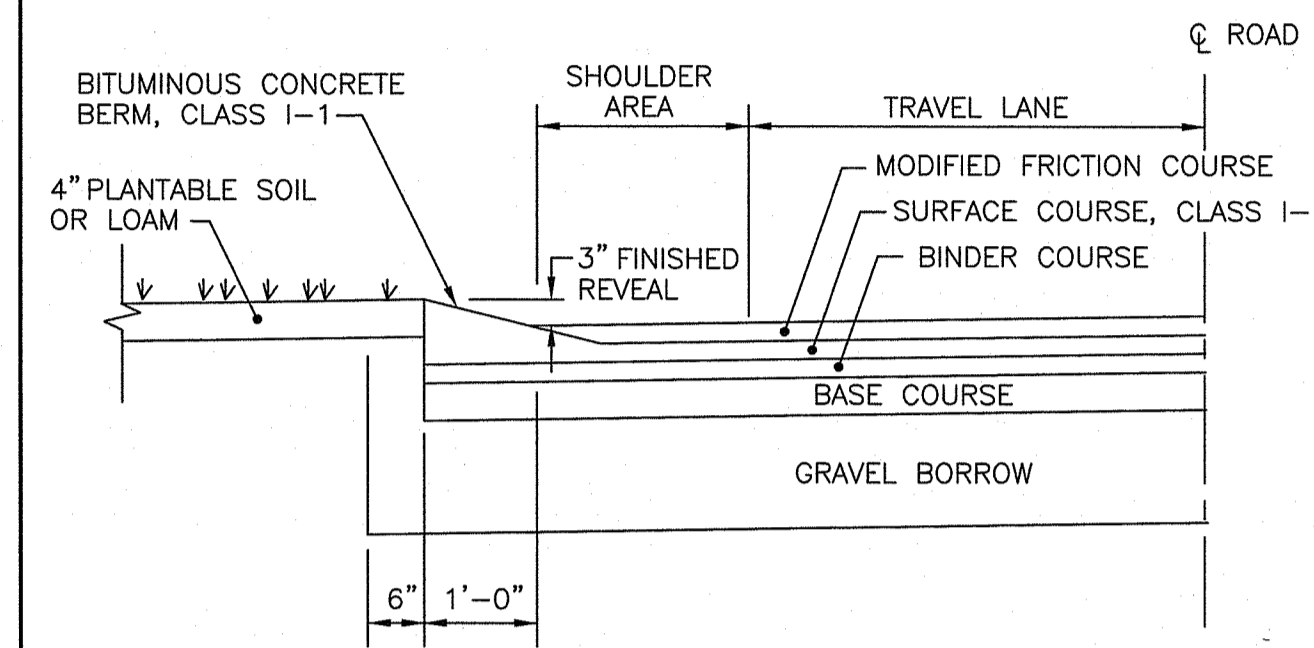
- NOTES:
1. SHALL BE IN ACCORDANCE WITH SECTION 906 OF THE R.I. STANDARD SPECIFICATIONS.
 2. ALL EXPOSED EDGES TO HAVE A 3/4" CHAMFER.
 3. ALL SURFACES TO HAVE A SPONGE FLOAT FINISH.

RHODE ISLAND DEPARTMENT OF TRANSPORTATION

REVISIONS			PRECAST CONCRETE CAR STOPS		R.I. STANDARD 7.2.4
NO.	BY	DATE	ISSUE DATE	ISSUE DATE	
1	MLP	Mar 05			



CONSTRUCTION METHOD A

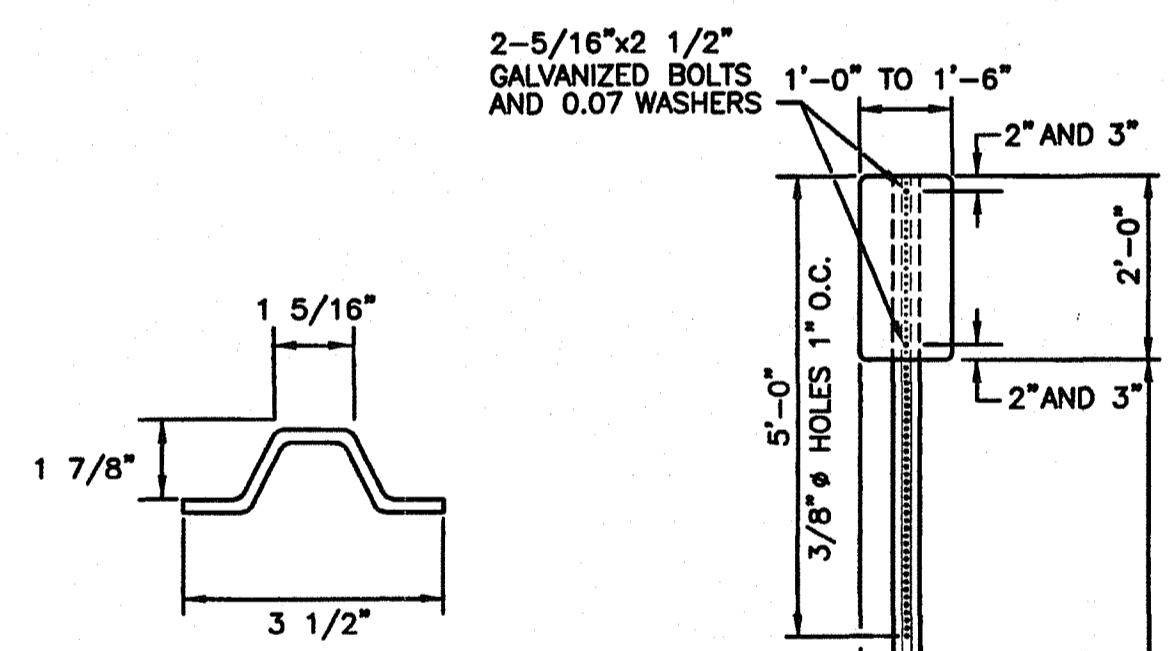


CONSTRUCTION METHOD B

- NOTES:
1. SHALL BE IN ACCORDANCE WITH SECTION 906 OF THE R.I. STANDARD SPECIFICATIONS.
 2. BITUMINOUS BERM CAN BE PLACED AT THE SAME TIME THAT THE SURFACE COURSE LAYER IS PLACED ON THE PROJECT ROADWAY, OR IT CAN BE INSTALLED IN A SEPARATE OPERATION.

RHODE ISLAND DEPARTMENT OF TRANSPORTATION

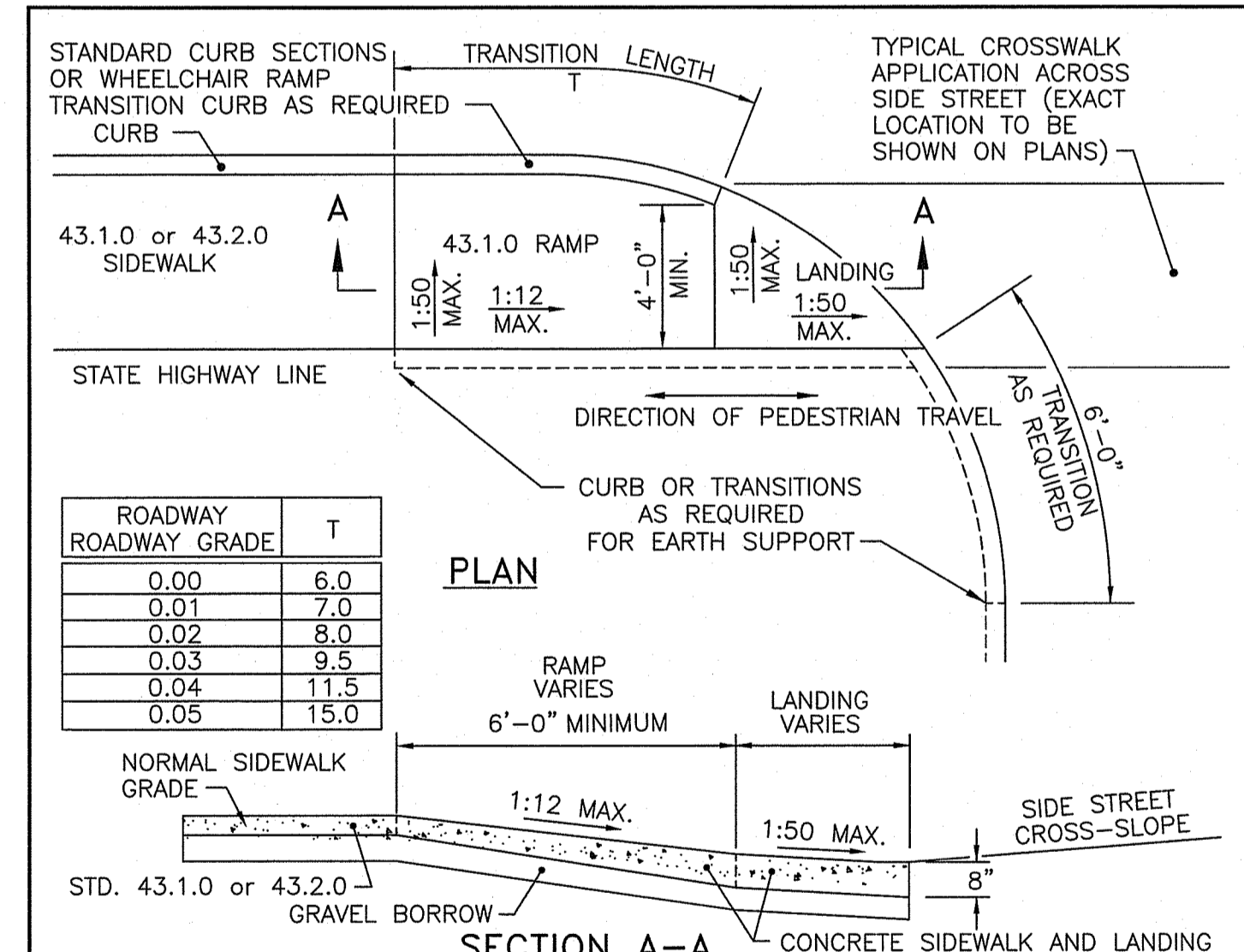
REVISIONS			BITUMINOUS BERM		R.I. STANDARD 7.5.1
NO.	BY	DATE	ISSUE DATE	ISSUE DATE	
1	MLP	Mar 05			



- NOTES:
1. SHALL BE IN ACCORDANCE WITH SECTION T.15 OF THE STANDARD SPECIFICATIONS.
 2. PARKING SIGNS SHALL BE SET AT AN ANGLE OF NOT LESS THAN 30° NOR MORE THAN 45° WITH A LINE PARALLEL TO FLOW OF TRAFFIC, 1'-6" (1'-0" MIN.) FROM EDGE OF CURB FACE.

RHODE ISLAND DEPARTMENT OF TRANSPORTATION

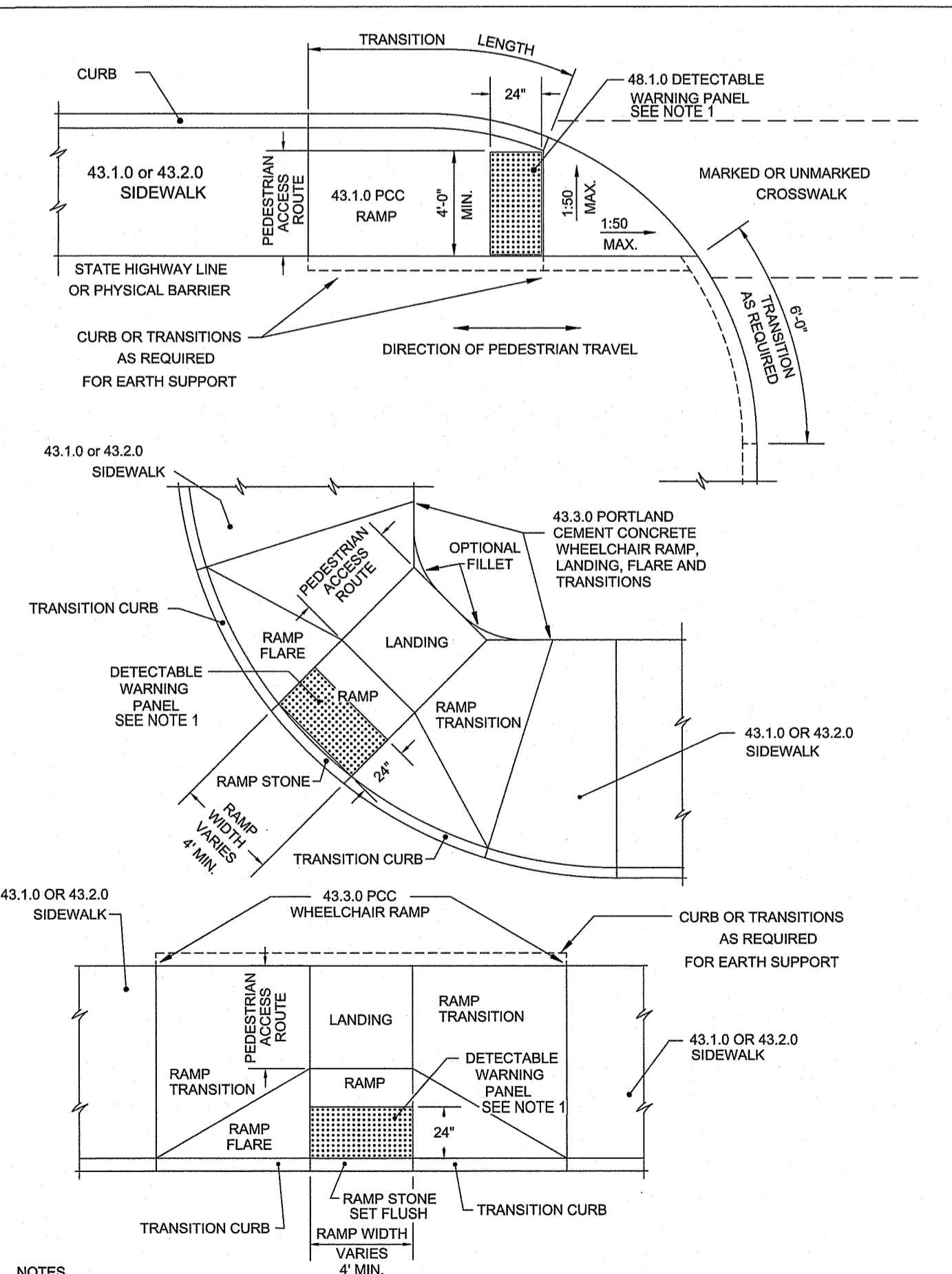
REVISIONS			PARKING SIGN MOUNTING DETAIL		R.I. STANDARD 24.6.0
NO.	BY	DATE	ISSUE DATE	ISSUE DATE	
1	MLP	Mar 05			



- NOTES:
1. SHALL BE IN ACCORDANCE WITH SECTION 905 OF THE R.I. STANDARD SPECIFICATIONS.
 2. THIS DETAIL IS TO BE USED ONLY WHEN STATE RIGHT-OF-WAY IS LIMITED TO BACK OF SIDEWALK, AND SIDEWALK IS NARROW WITH NO PEDESTRIAN TRAFFIC FROM SIDE STREET.
 3. WHEN ANY OBSTRUCTION LOCATED IN THE SIDEWALK FALLS WITHIN A CROSSWALK AREA, IF POSSIBLE, THE OBSTRUCTION SHALL BE PLACED SUCH THAT IT FALLS OUTSIDE OF THE RAMP.
 4. AT NO TIME IS ANY PART OF THE WHEELCHAIR RAMP TO BE LOCATED OUTSIDE OF THE CROSSWALK, AND IT IS TO BE CENTERED WHENEVER POSSIBLE.
 5. DRAINAGE FACILITIES ARE TO BE LOCATED UP-GRADE OF ALL WHEELCHAIR RAMPS.
 6. LOCATION OF WHEELCHAIR RAMPS IS AS SHOWN ON CONTRACT DRAWINGS.
 7. ALL REQUIRED CUTTING OF CURB PIECES TO BE PAID FOR UNDER COST OF CURB.
 8. WHERE THE ROAD PROFILE EXCEEDS 5% THE TRANSITION LENGTH (T) SHALL BE EIGHTEEN FEET (18'-0").
 9. THE ENTRANCE OF THE WHEELCHAIR RAMP SHALL BE FLUSH WITH THE ROADWAY.
 10. MINIMUM LENGTH OF STRAIGHT OR CIRCULAR FILLER PIECES TO BE 3'-0" (GREATER LENGTHS PREFERRED).
 11. AN UNOBSTRUCTED PATH OF TRAVEL WITH A MINIMUM WIDTH OF 4'-0" SHALL BE MAINTAINED.

RHODE ISLAND DEPARTMENT OF TRANSPORTATION

REVISIONS			WHEELCHAIR RAMP FOR LIMITED RIGHT-OF-WAY AREAS		R.I. STANDARD 43.3.1
NO.	BY	DATE	ISSUE DATE	ISSUE DATE	
1	MLP	Dec 2005			
2	MLP	Sep 2012			

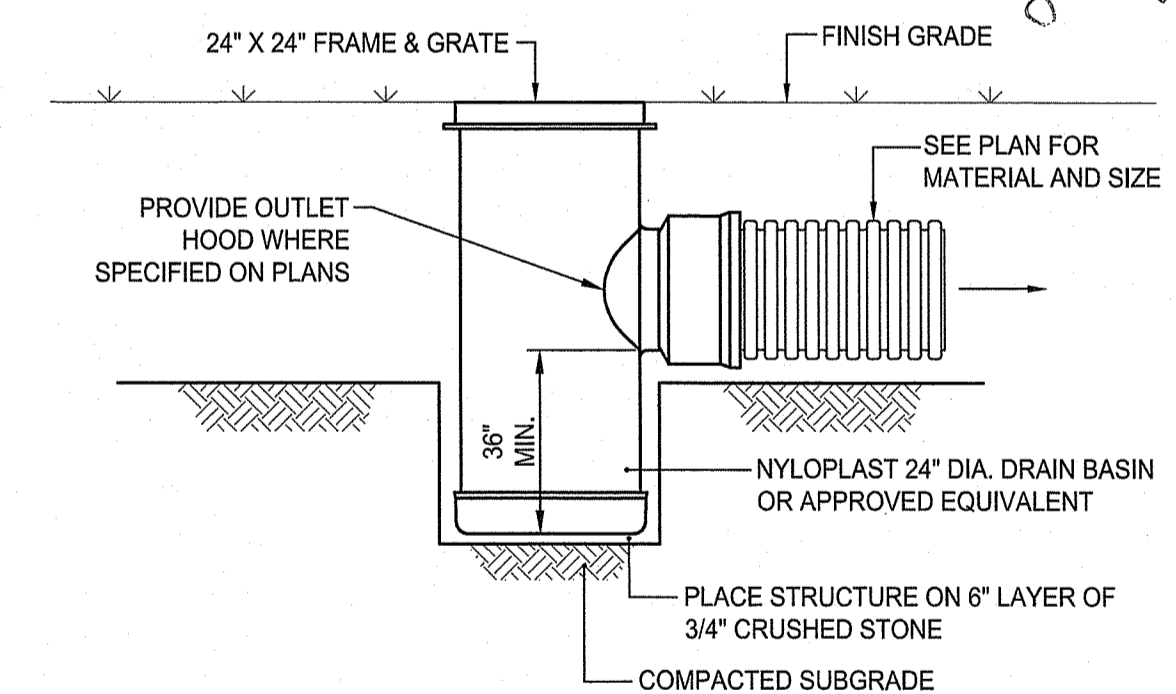


- NOTES:
1. CONTRACTOR SHALL PROVIDE DETECTABLE WARNING PAVERS. REFER TO DETAIL. PLASTIC PANEL WILL NOT BE ACCEPTED.

RHODE ISLAND DEPARTMENT OF TRANSPORTATION

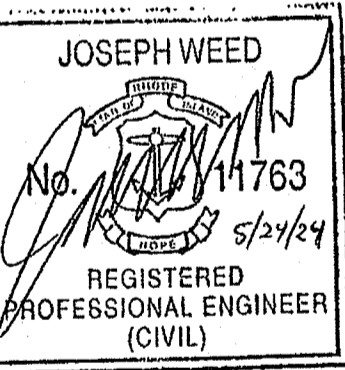
REVISIONS			DETECTABLE WARNING PANEL PLACEMENT		R.I. STANDARD 48.1.0M
NO.	BY	DATE	ISSUE DATE	ISSUE DATE	
1	MLP	Mar 2005			
2	MLP	Sep 2012			

RI DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
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- NOTES:
1. DRAIN BASIN SHALL BE CUSTOM MANUFACTURED FOR THE PROJECT WITH THE INLETS AND OUTLETS REQUIRED.
 2. STRUCTURES SHALL BE CONSTRUCTED TO WITHSTAND LOADS IMPOSED BY CONSTRUCTION VEHICLES.
 3. DRAIN BASIN SHALL BE CONSTRUCTED OF HIGH DENSITY POLYETHYLENE.
 4. FRAME AND GRATE SHALL BE CONSTRUCTED OF DUCTILE IRON AND CONFORM TO ASTM A536 GRADE 70-50-05. GRATES SHALL BE NYLOPLAST 3299CGSQ OR APPROVED EQUAL.

AREA DRAIN DETAIL
NOT TO SCALE



REVISIONS:

1	05/07/2024	RIDEM FWV RTC
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PROJECT NO.: 23026.00
DATE: APRIL 4, 2024
SCALE: NOT TO SCALE
DESIGNED BY: DJLS
CHECKED BY: ACB
DRAWN BY: AKL
APPROVED BY: JLW
DRAWING TITLE:

DETAILS 3

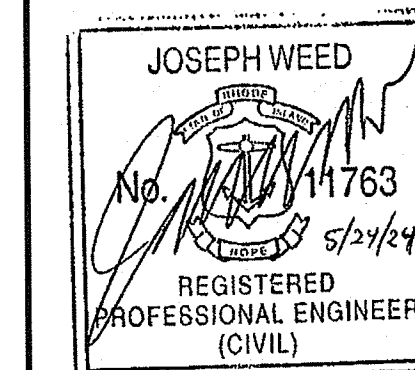
DRAWING NO.: C6.3
SHEET NO. 14 OF 17

FURNISH AND INSTALL RI STD. 48.1.0M. SEE DETAIL.



SCALE ADJUSTMENT GUIDE
0" = 1"
BAR IS ONE INCH ON ORIGINAL DRAWING

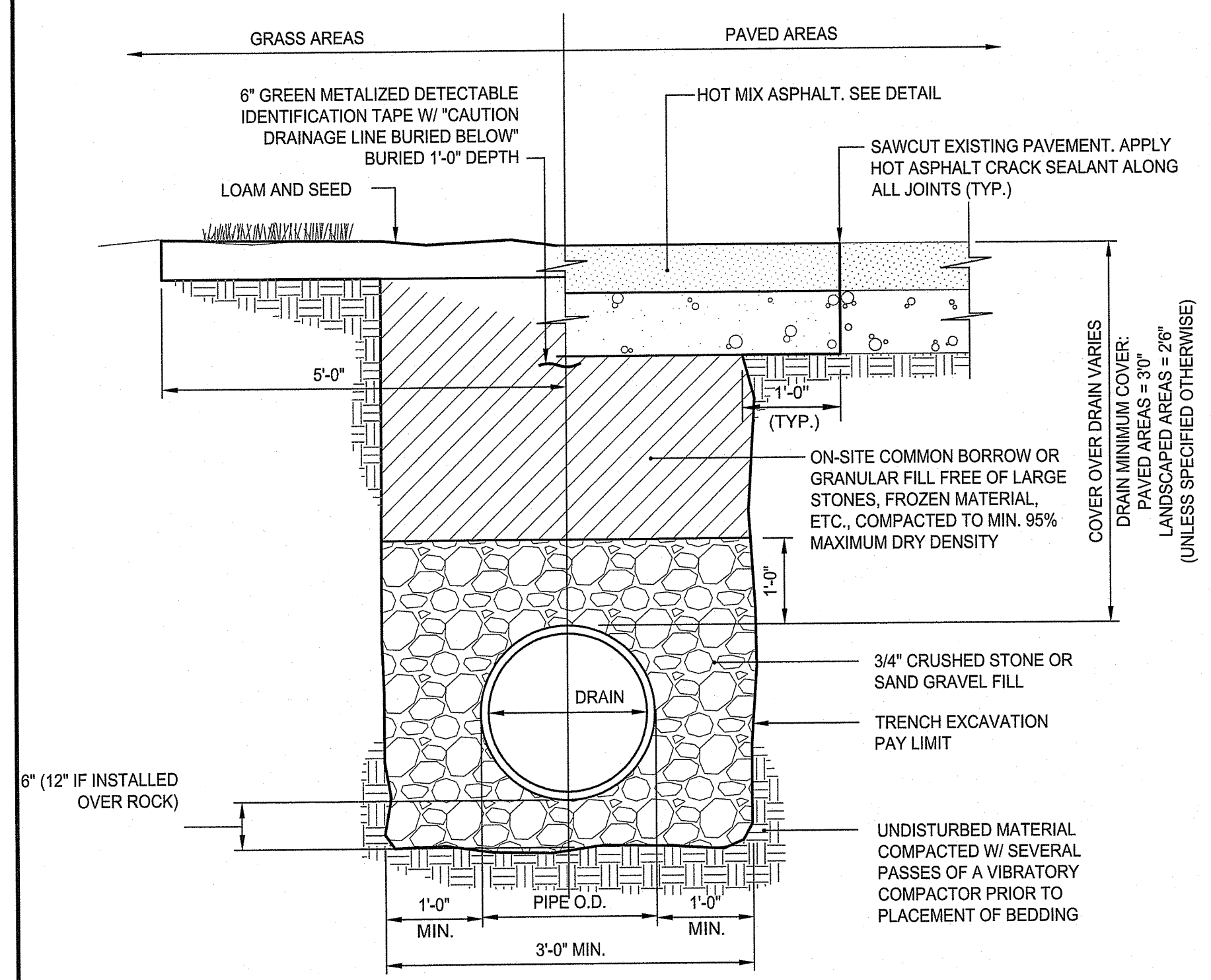
DCYF NEW FEMALE YOUTH
RESIDENTIAL FACILITY
EXETER, RHODE ISLAND



REVISIONS:
1 05/07/2024 RIDEM FWV RTC

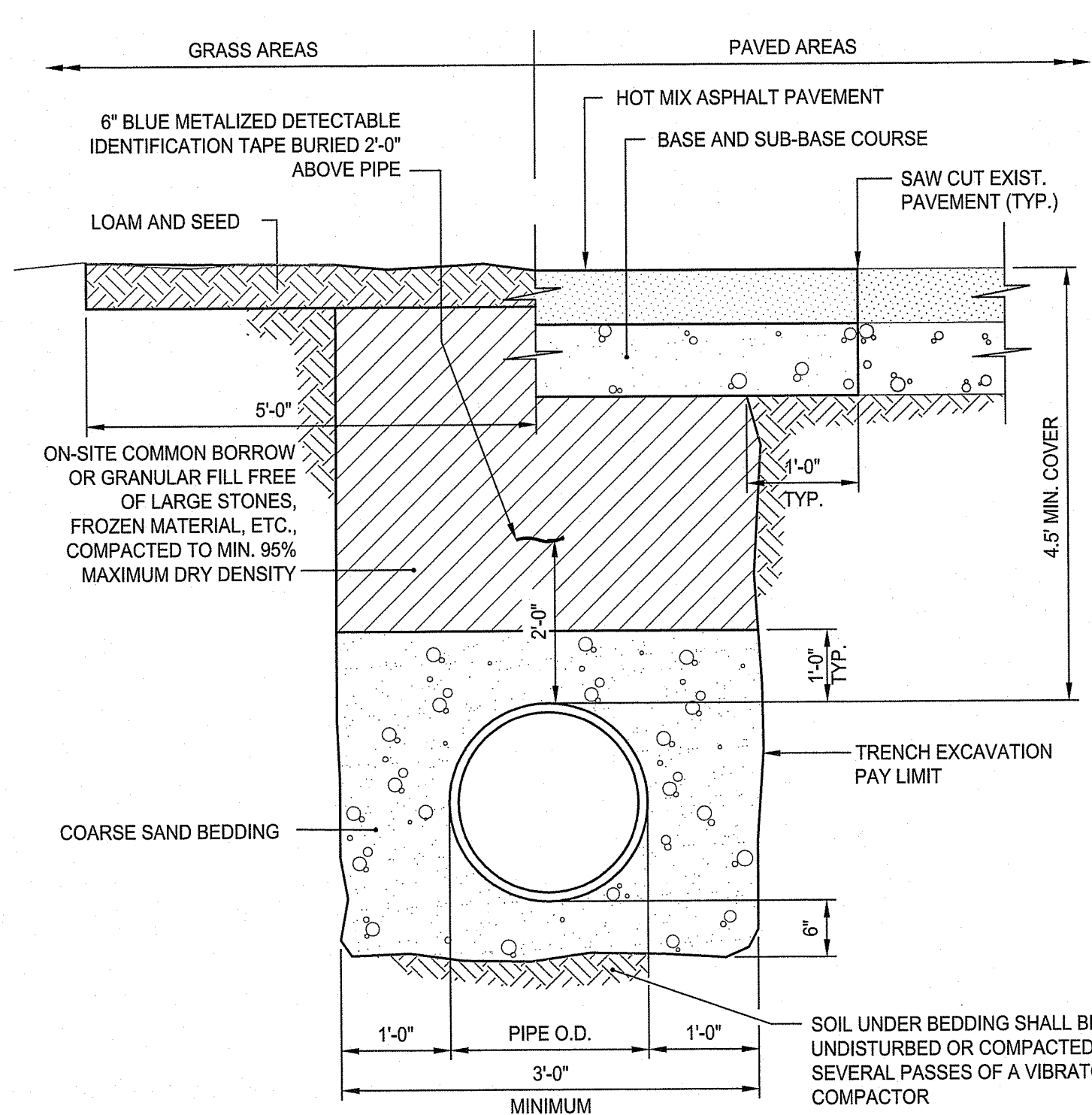
PROJECT NO.: 23026.00
DATE: APRIL 4, 2024
SCALE: NOT TO SCALE
DESIGNED BY: DJLS
CHECKED BY: ACB
DRAWN BY: AKL
APPROVED BY: JLV
DRAWING TITLE:

DETAILS 4
DRAWING NO.: C6.4
SHEET NO. 15 OF 17



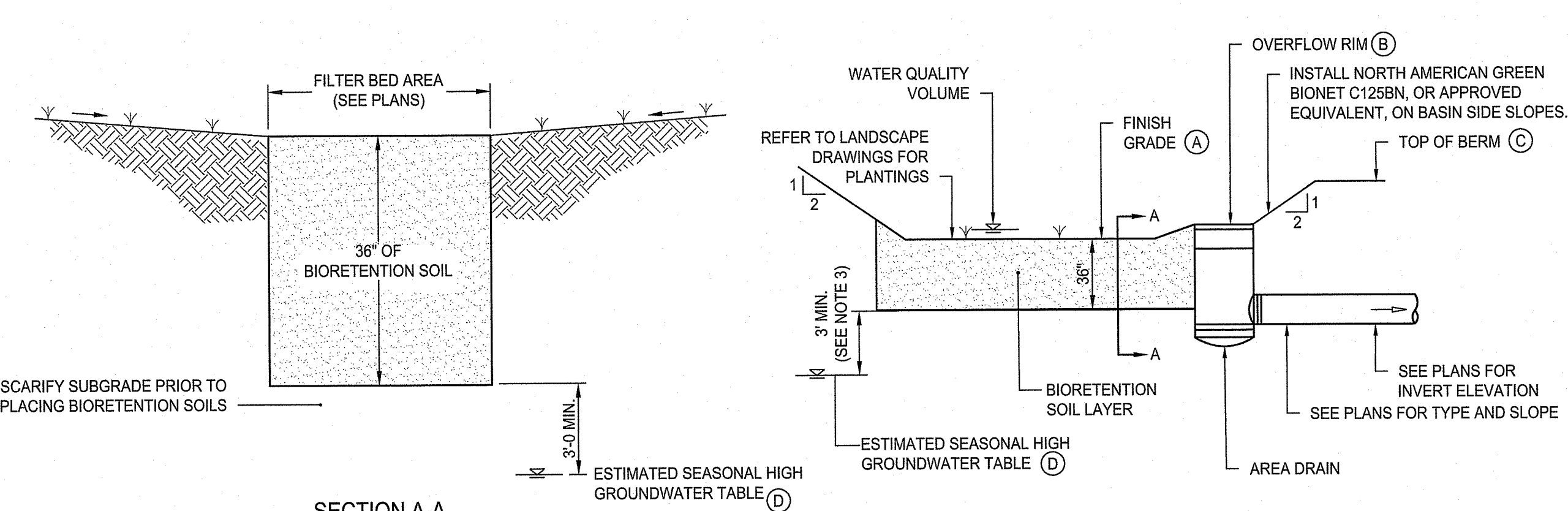
- NOTES:**
- WHERE THE DISTANCE BETWEEN THE SAWCUT AND EDGE OF PAVEMENT IS 3' OR LESS, THE CONTRACTOR SHALL REPLACE THE PAVEMENT FROM THE TRENCH EDGE TO THE EXISTING EDGE OF PAVEMENT.
 - 3/4" DIA. CRUSHED STONE SHALL BE USED AS BEDDING WHERE TRENCH IS BELOW THE GROUND WATER TABLE.

GRAVITY DRAIN TRENCH DETAIL
NOT TO SCALE



- NOTES:**
- WHERE THE DISTANCE BETWEEN THE SAWCUT AND EDGE OF PAVEMENT IS 3' OR LESS, THE CONTRACTOR SHALL REPLACE THE PAVEMENT FROM THE TRENCH EDGE TO THE EXISTING EDGE OF PAVEMENT.
 - PIPE SHALL BE BEDDED IN 3/4-INCH CRUSHED STONE IF WITHIN GROUNDWATER.

TYPICAL WATER MAIN TRENCH DETAIL
NOT TO SCALE



SECTION A-A

BIORETENTION SOIL: 85-88% SAND, 8-12% SILT, 3-5% COMPOST ORGANIC CONTENT SHALL BE 1.5%-3%

BIORETENTION VEGETATION: REFER TO LANDSCAPE DRAWINGS FOR PLANTINGS

BIO RETENTION AREA	
(A)	162.00 162.00
(B)	162.75 162.50
(C)	163.25 163.50
(D)	155.0 155.0

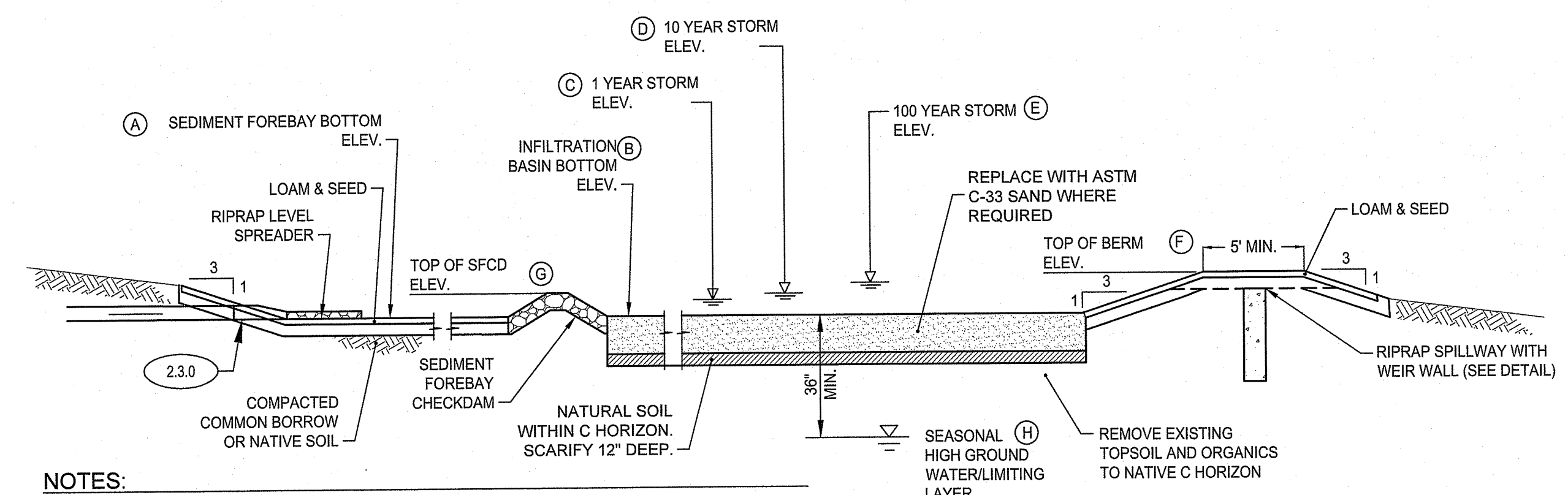
NOTES:

- DRAIN BASINS SHALL BE CUSTOM MANUFACTURED FOR THE PROJECT WITH THE INLETS & OUTLETS REQUIRED.
- DRAIN BASINS SHALL BE CONSTRUCTED OF HIGH DENSITY POLYETHYLENE.

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NO REDOX ENCOUNTERED
NO WEEPING ENCOUNTERED
MOISTURE WITNESSED IN TP @ 84"
ESTIMATED SEASONAL HIGH GROUNDWATER ELEV. = 156.30

BIORETENTION DETAIL
NOT TO SCALE



- NOTES:**
- DO NOT COMPACT OR RUN HEAVY MACHINERY WITHIN BASIN. ONCE CONTRACTOR HAS SUBGRADE EXPOSED, THE ENGINEER SHALL BE CONTACTED FOR INSPECTION.
 - INFILTRATION BASIN SHALL BE SCARIFIED 12" DEEP PRIOR TO PLACEMENT OF SAND LAYER.
 - ONCE LOAM AND SEED HAS BEEN INSTALLED RUNOFF SHALL NOT BE DIRECTED INTO THE BASIN UNTIL THE VEGETATION ON THE BASIN BOTTOM AND THE SIDE SLOPES HAS ESTABLISHED.
 - BASIN BERM SHALL BE CONSTRUCTED WITH COMMON BORROW PLACED IN 12" LIFTS AND COMPACTED TO 95% TO FINISH GRADE.
 - CONTRACTOR SHALL EXCAVATE TO NATURAL SOILS. REMOVE ALL EXISTING FILL SOILS WITHIN THE FOOTPRINT OF THE INFILTRATION BASIN BOTTOM AND REPLACE WITH COMMON BORROW WITH LESS THAN 10% FINES.

INFILTRATION BASIN

	1	2	3	4
(A)	160.00	158.00	157.00	150.00
(B)	160.00	158.00	157.00	150.00
(C)	160.25	158.26	157.21	150.17
(D)	160.63	158.76	157.77	150.74
(E)	161.07	159.25	158.27	151.57
(F)	162.00	160.00	159.00	152.50
(G)	160.75	158.75	157.75	150.75
(H)	156.2	154.0	152.2	145.0

SW-1

ELEV. (FEET)	DEPTH (INCHES)
159.5	0
158.92	7
156.33	38
154.25	63
154.08	65
152.75	81
150.50	108

SW-5

ELEV. (FEET)	DEPTH (INCHES)
159.0	0
158.33	8
156.50	30
155.58	41
154.58	53
151.00	96

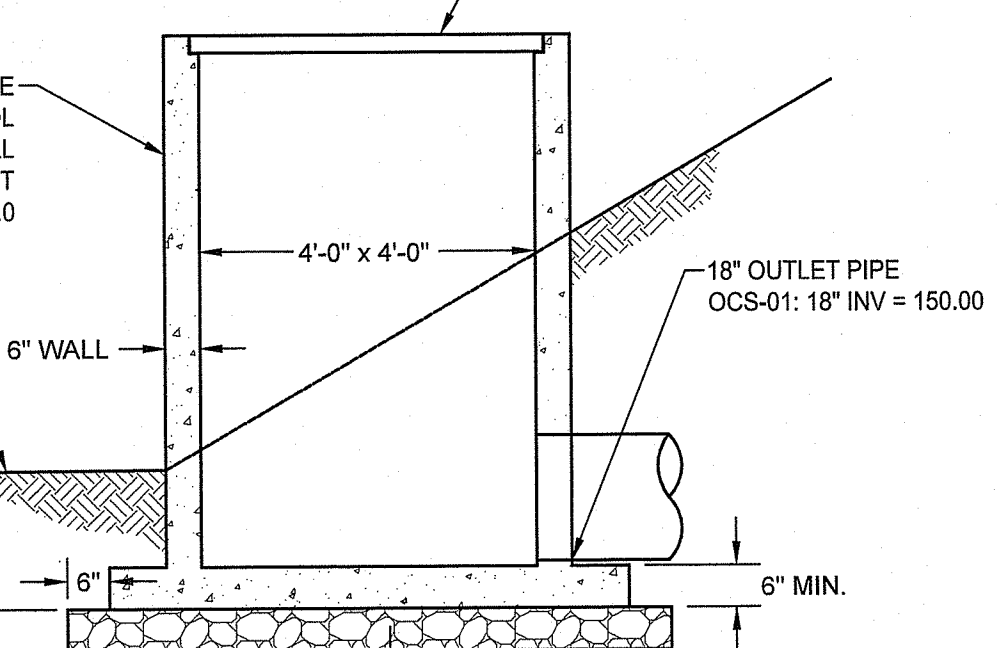
SW-3

ELEV. (FEET)	DEPTH (INCHES)
163.3	0
162.30	12
160.97	28
156.30	84

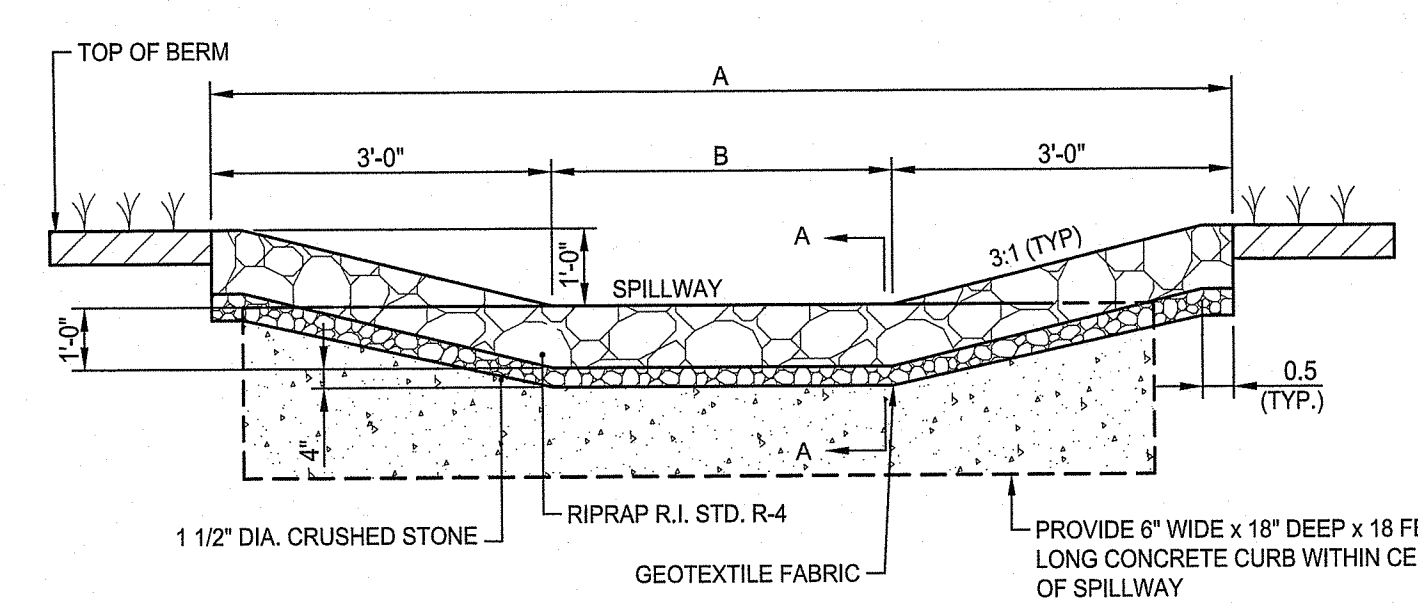
NO REDOX ENCOUNTERED
NO WEEPING ENCOUNTERED
MOISTURE WITNESSED IN TP @ 84"
ESTIMATED SEASONAL HIGH GROUNDWATER ELEV. = 152.50

NO REDOX ENCOUNTERED
NO WEEPING ENCOUNTERED
MOISTURE WITNESSED IN TP @ 84"
ESTIMATED SEASONAL HIGH GROUNDWATER ELEV. = 152.00

NO REDOX ENCOUNTERED
NO WEEPING ENCOUNTERED
MOISTURE WITNESSED IN TP @ 84"
ESTIMATED SEASONAL HIGH GROUNDWATER ELEV. = 156.30



OUTLET CONTROL STRUCTURE (OCS-01) DETAIL
NOT TO SCALE

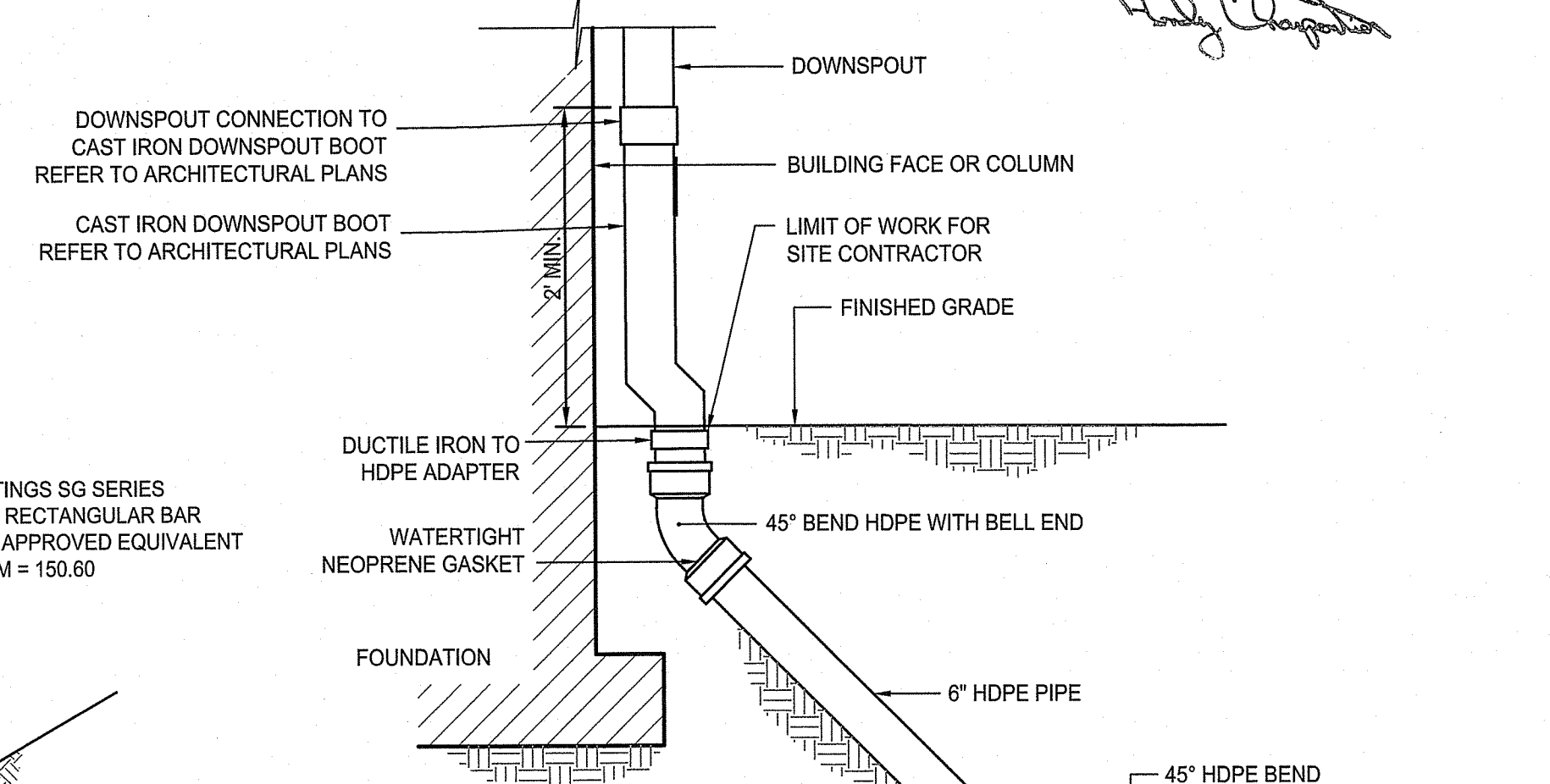


INFILTRATION BASIN

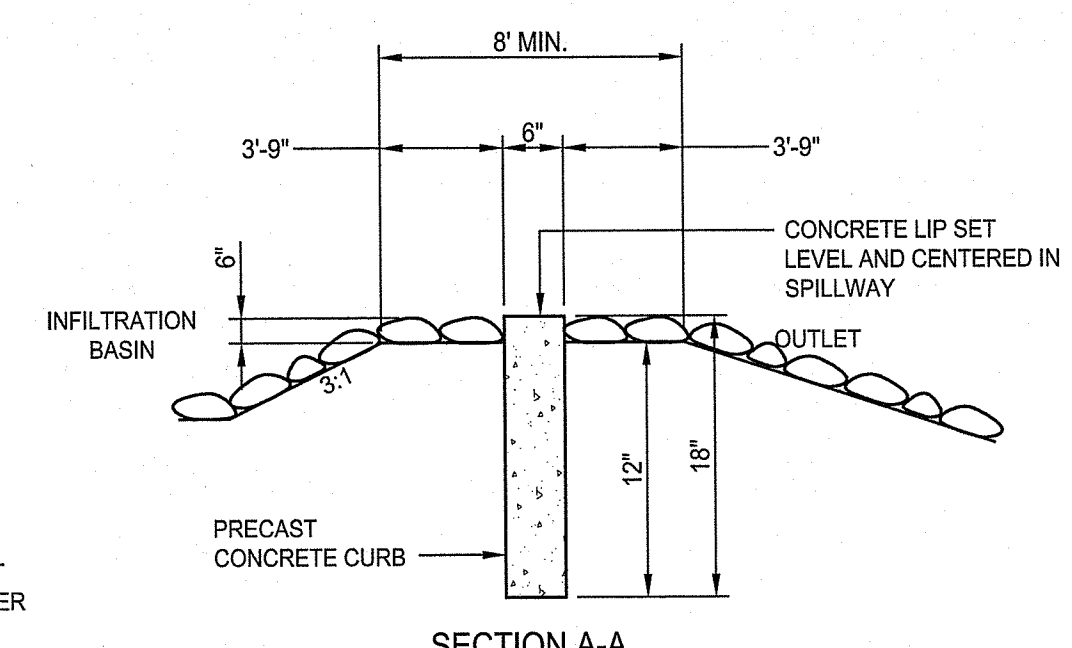
	1	2	3
A	9'	9.5'	9'
B	3'	3.5'	3'

- NOTE:**
- CONTRACTOR SHALL FILL VOIDS BETWEEN CURB SECTIONS WITH MORTAR

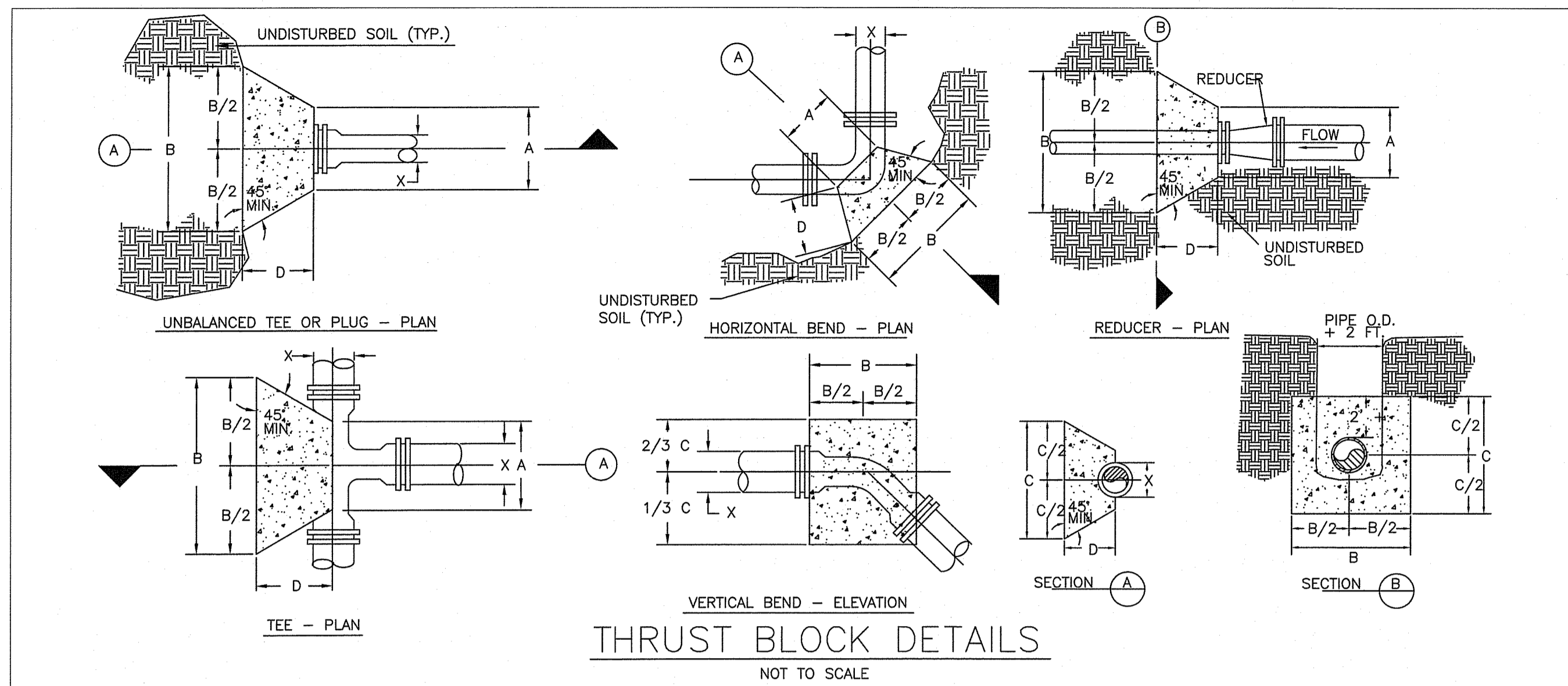
RIPRAP SPILLWAY DETAIL
NOT TO SCALE



DOWNSPOUT DETAIL
NOT TO SCALE

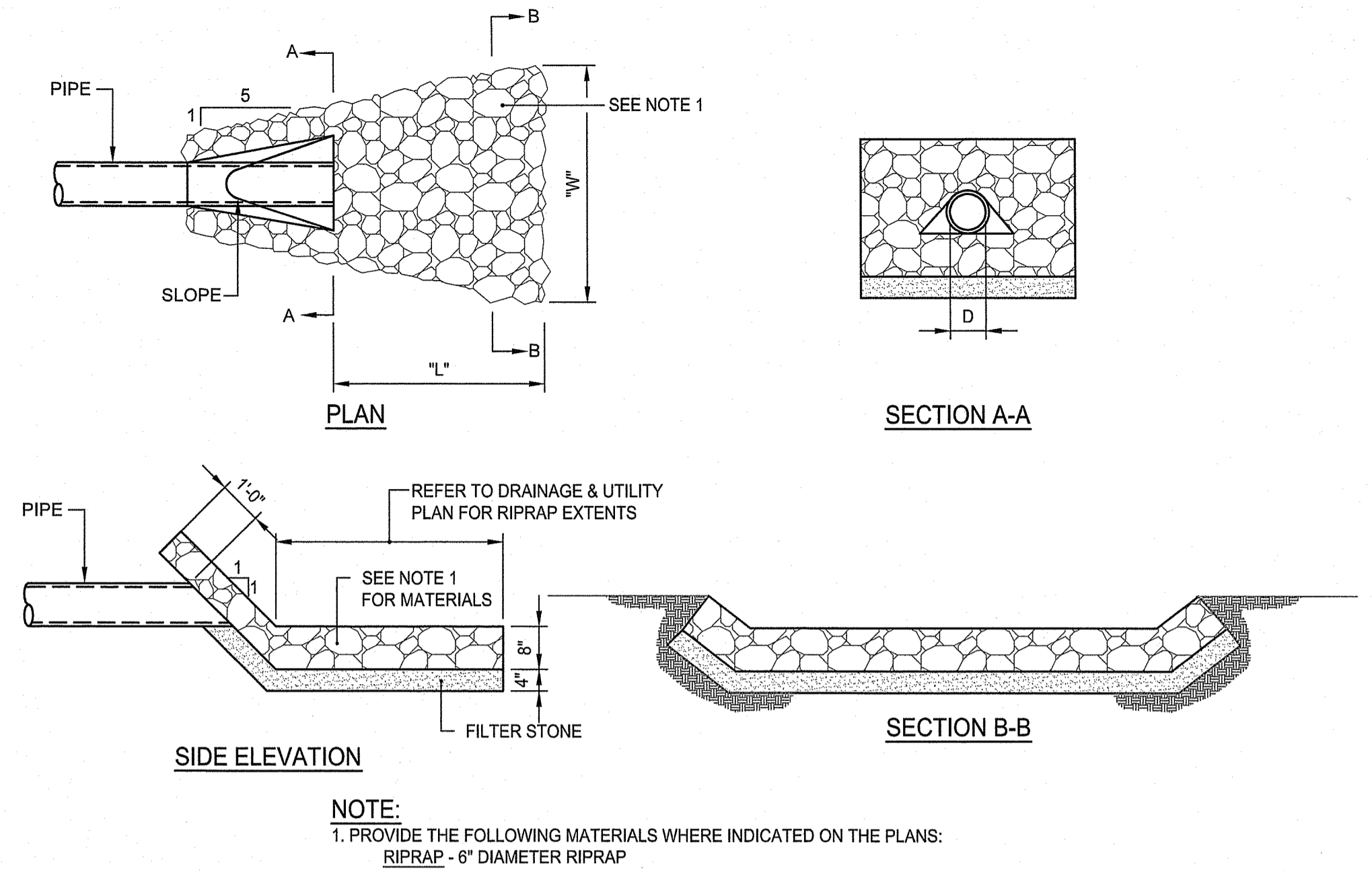


SECTION A-A



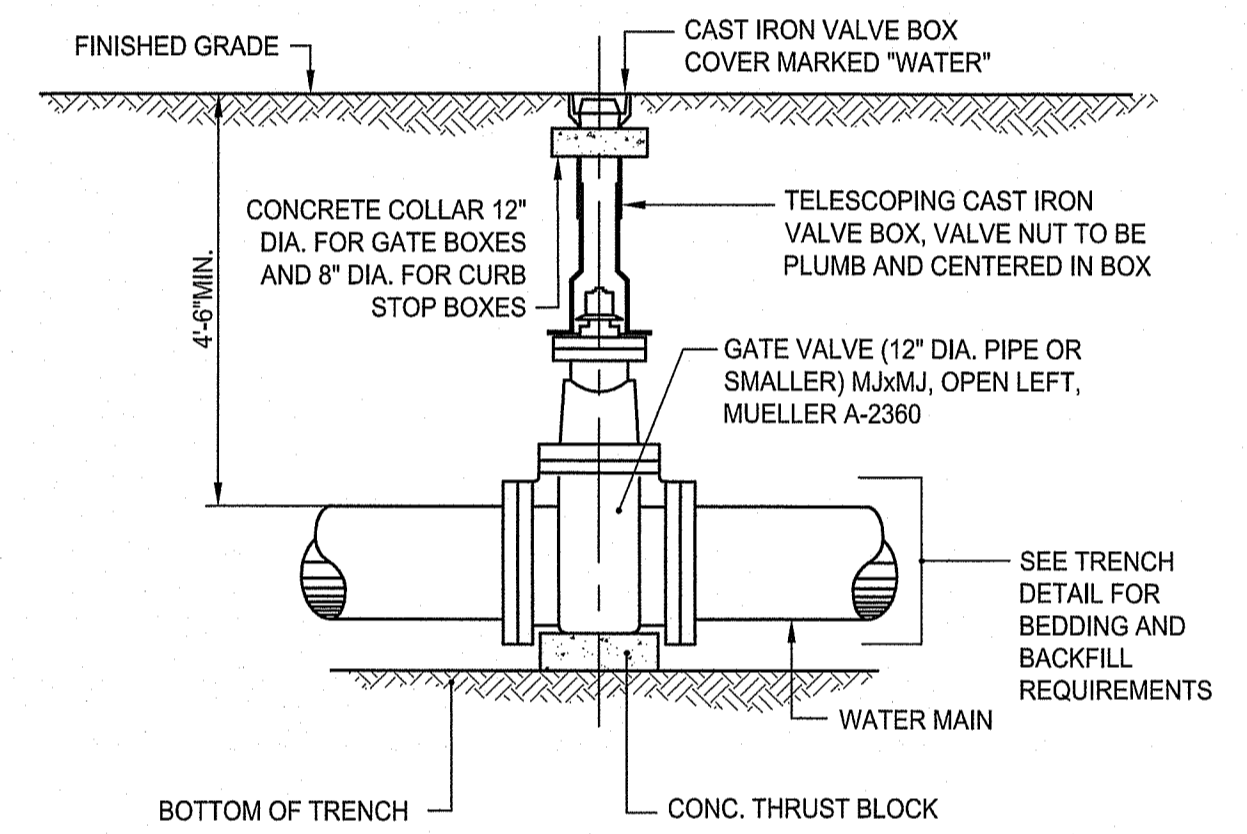
Line Pressure = 150 PSI Soil Pressure = 2000 PSF						Line Pressure = 150 PSI Soil Pressure = 2000 PSF						Line Pressure = 150 PSI Soil Pressure = 2000 PSF					
Pipe Size X	A	B	C	D	VOL. CONC.	Pipe Size X	A	B	C	D	VOL. CONC.	Pipe Size X	A	B	C	D	VOL. CONC.
90 DEGREE BEND						22-1/2 DEGREE BEND						TEE & PLUG					
6"	0'-10"	1'-11"	1'-11"	1'-6"	4± CF	6"	0'-10"	1'-0"	1'-0"	1'-0"	1± CF	6"	0'-10"	1'-8"	1'-8"	1'-3"	3± CF
8"	0'-10"	2'-7"	2'-7"	1'-6"	7± CF	8"	0'-10"	1'-4"	1'-4"	1'-0"	1.5± CF	8"	0'-10"	2'-2"	2'-2"	1'-3"	4± CF
12"	0'-10"	3'-10"	3'-10"	1'-6"	14± CF	12"	0'-10"	2'-0"	2'-0"	1'-0"	3± CF	12"	0'-10"	3'-3"	3'-3"	1'-3"	8± CF
45 DEGREE BEND						11-1/4 DEGREE BEND						NOTES:					
6"	0'-10"	1'-6"	1'-6"	1'-0"	2± CF	6"	0'-10"	0'-10"	0'-10"	1'-0"	0.7± CF	1. BLOCKING SHALL BE CLASS B(AE) CONCRETE. "SACRETE" WILL NOT BE ALLOWED.					
8"	0'-10"	1'-11"	1'-11"	1'-0"	3± CF	8"	0'-10"	1'-0"	1'-0"	1'-0"	1± CF	2. SOLID FELT PAPER TO BE PLACED BETWEEN CONCRETE AND ALL PIPE SURFACES.					
12"	0'-10"	2'-10"	2'-10"	1'-0"	5± CF	12"	0'-10"	1'-6"	1'-6"	1'-0"	2± CF						

THRUST BLOCK DIMENSIONS



NOTE:
1. PROVIDE THE FOLLOWING MATERIALS WHERE INDICATED ON THE PLANS:
RIPRAP - 6" DIAMETER RIPRAP

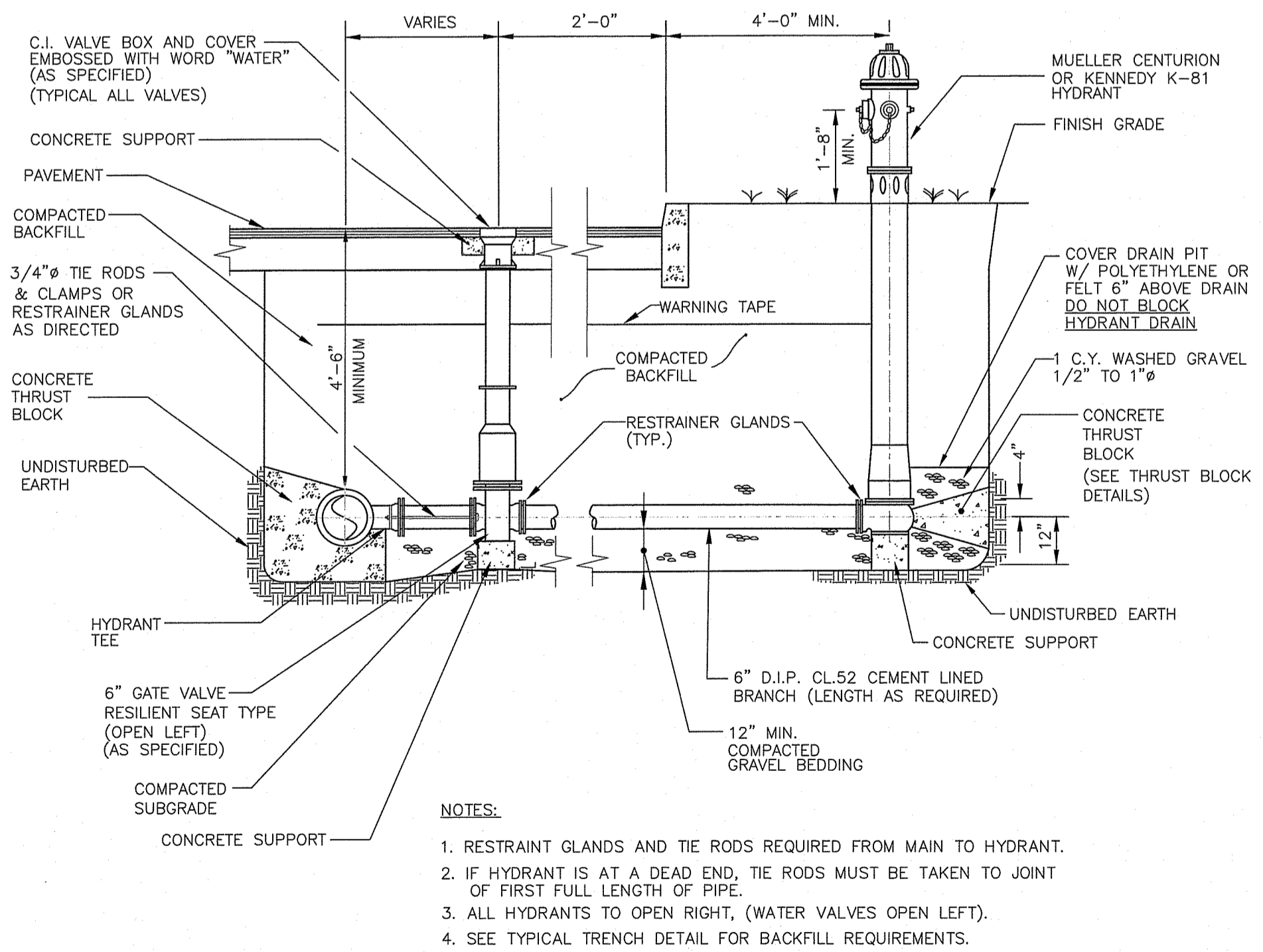
LEVEL SPREADER
NOT TO SCALE



RI DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
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Andy Claggett

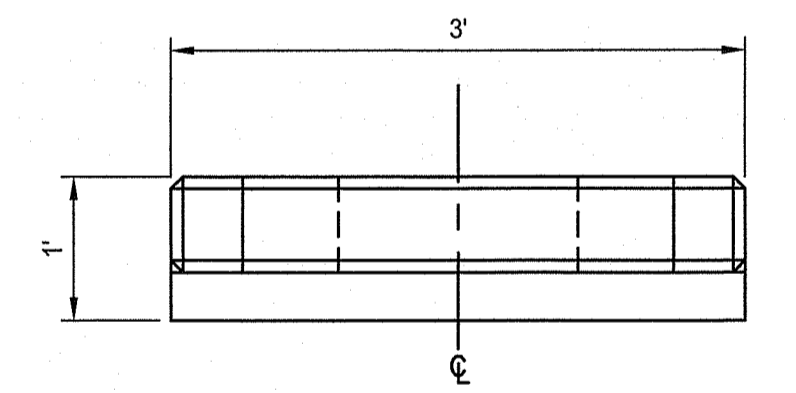
VALVE BOX DETAIL
NOT TO SCALE



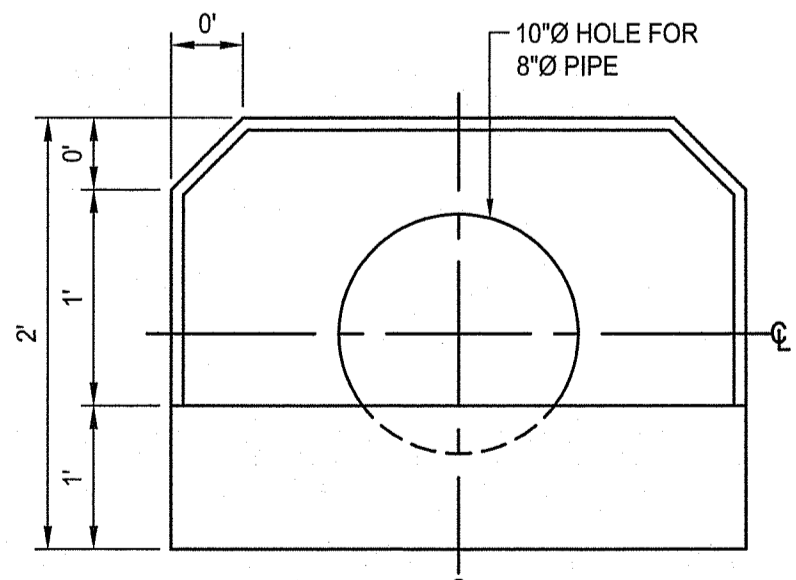
NOTES:
1. RESTRAINT GLANDS AND TIE RODS REQUIRED FROM MAIN TO HYDRANT.
2. IF HYDRANT IS AT A DEAD END, THE RODS MUST BE TAKEN TO JOINT OF FIRST FULL LENGTH OF PIPE.
3. ALL HYDRANTS TO OPEN RIGHT, (WATER VALVES OPEN LEFT).
4. SEE TYPICAL TRENCH DETAIL FOR BACKFILL REQUIREMENTS.

HYDRANT ASSEMBLY DETAIL
NOT TO SCALE

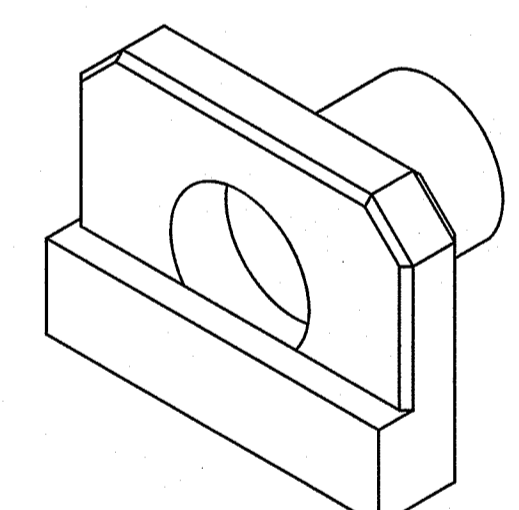
WEIGHTS	
SECTION	WEIGHT
TOTAL	200 LBS



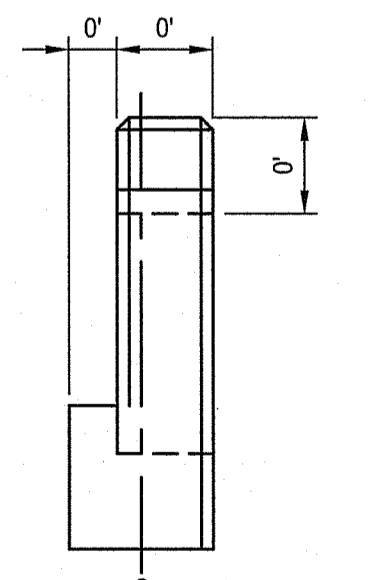
PLAN VIEW
NOT TO SCALE



SIDE VIEW
NOT TO SCALE



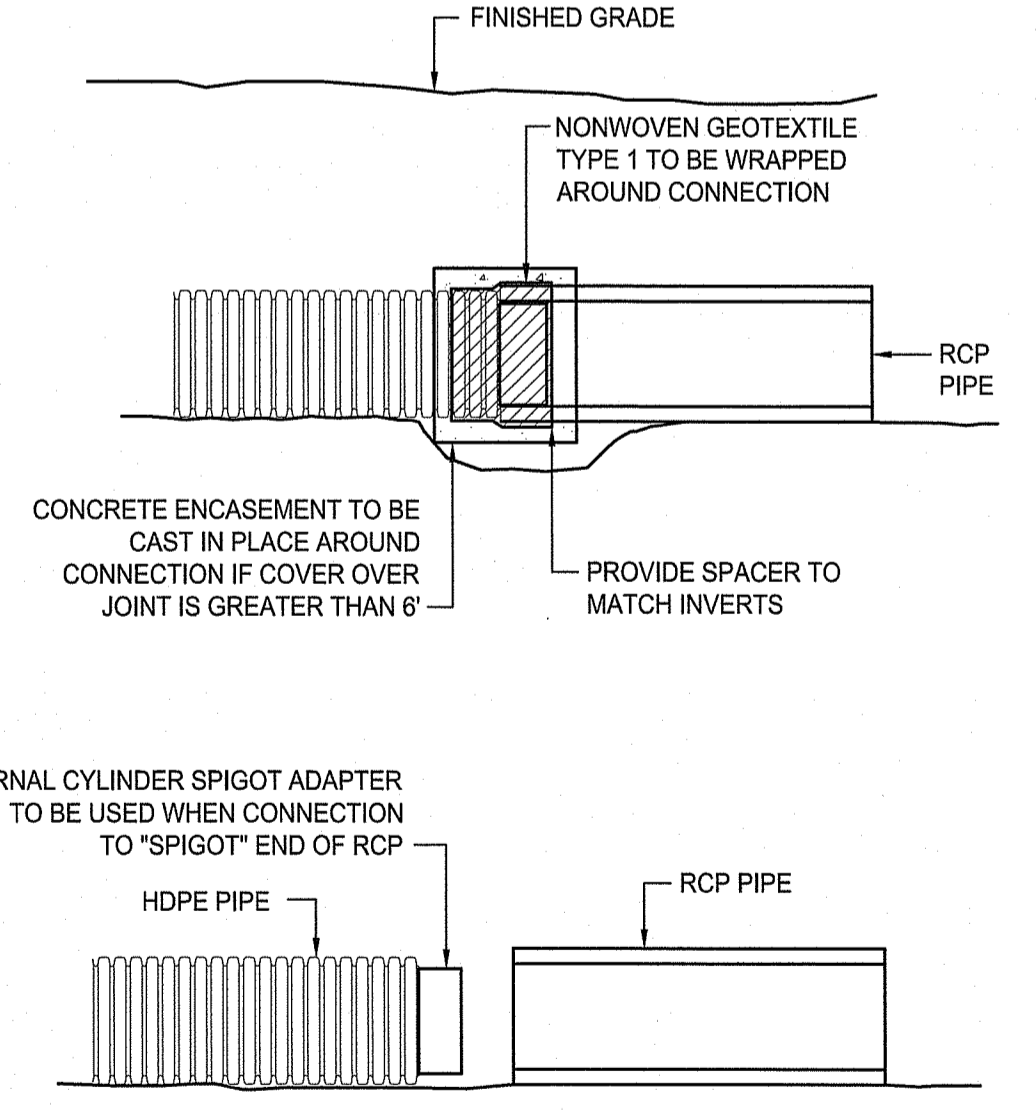
ISO VIEW
NOT TO SCALE



END VIEW
NOT TO SCALE

NOTES:
1. CONCRETE MINIMUM COMPRESSION STRENGTH: Fc=5,000 PSI @ 28 days.
2. REINFORCING STEEL: ASTM A615, Fy=60,000 PSI
3. PROVIDE 1'-0" OF COMPACTED SAND GRAVEL FILL BENEATH HEADWALL

PRECAST CONCRETE HEADWALL
NOT TO SCALE



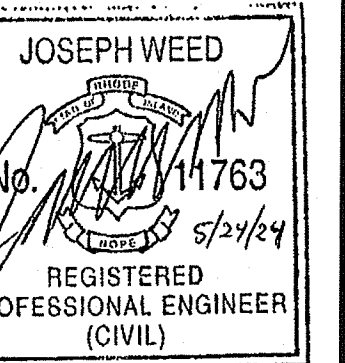
NOTES:
1. FOR USE WHERE HDPE PIPE CONNECTS TO PRECAST CONCRETE FLARED END SECTION.
2. INTERNAL CYLINDER ADAPTER TO BE WELDED TO HDPE, OUTSIDE DIAMETER TO BE INSERTED INTO INSIDE DIAMETER OF CONCRETE PIPE.
3. NON-WOVEN GEOTEXTILE TO BE WRAPPED AROUND CONNECTION WITH FULL SEAM OVERLAP TO PROVIDE FULL PROTECTION FROM SOIL INTRUSION.
4. CONNECTION TO BE MADE IN ACCORDANCE WITH PIPE MANUFACTURER'S REQUIREMENTS.
5. INTERNAL CYLINDER SPIGOT ADAPTER NOT REQUIRED IF HDPE IS CONNECTION TO "BELL" END OF RCP.

HDPE/RCP PIPE JOINT
NOT TO SCALE



SCALE ADJUSTMENT GUIDE
 0" 1"
 BAR IS ONE INCH ON ORIGINAL DRAWING

DCYF NEW FEMALE YOUTH
 RESIDENTIAL FACILITY
 EXETER, RHODE ISLAND



REVISIONS:

1 05/07/2024 RIDEM FWV RTC

APPROVED WITH CONDITIONS AS SPECIFIED IN THE LETTER OF APPROVAL DATED: JUN 10 2024 FILE # 20-0085

NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL APPROVED PLANS MUST BE AT CONSTRUCTION SITE

APPROVED BY: *Andy Chapman*

DATE: MAY 9 2024

PROJECT NO.: 23026.00

DATE: APRIL 4, 2024

SCALE: NOT TO SCALE

DESIGNED BY: DJLS

CHECKED BY: ACB

DRAWN BY: AKL

APPROVED BY: JLW

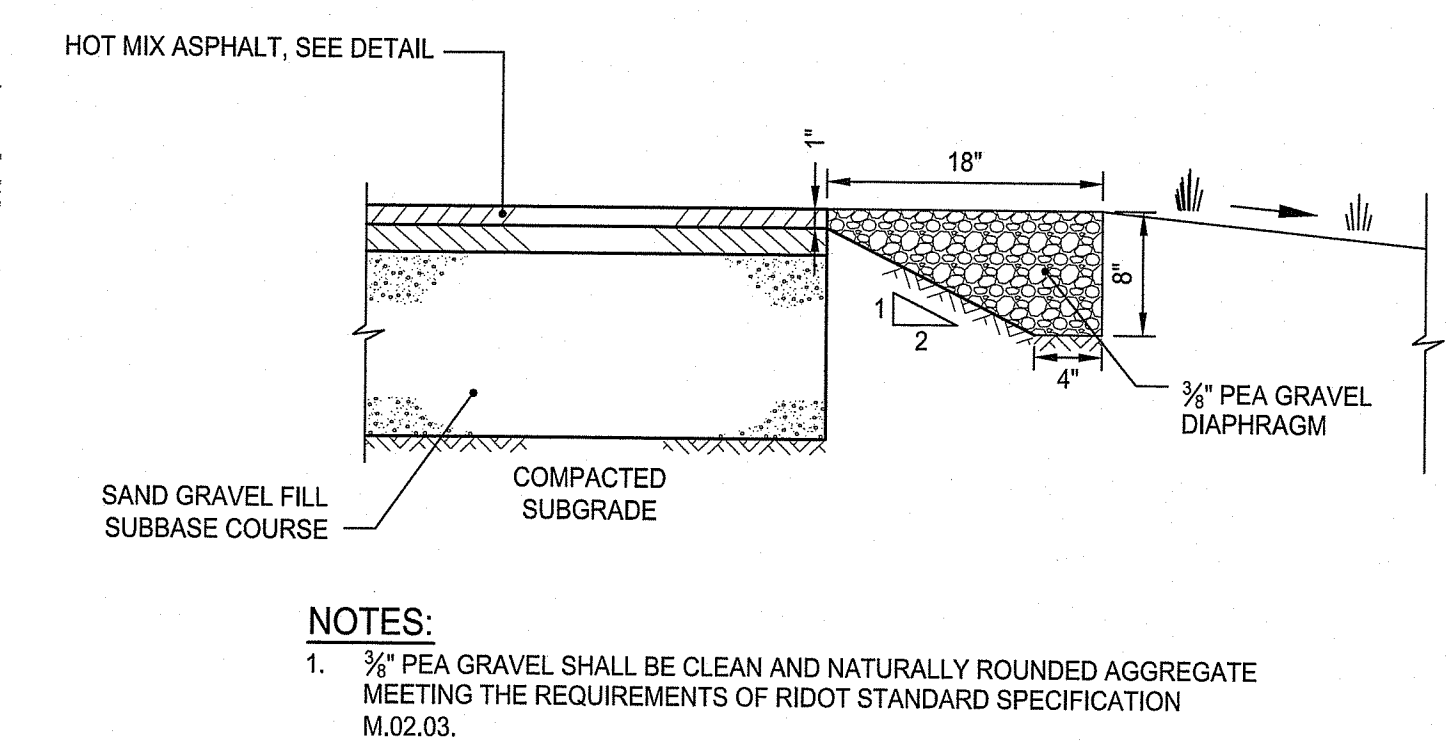
DRAWING TITLE:

DETAILS 6

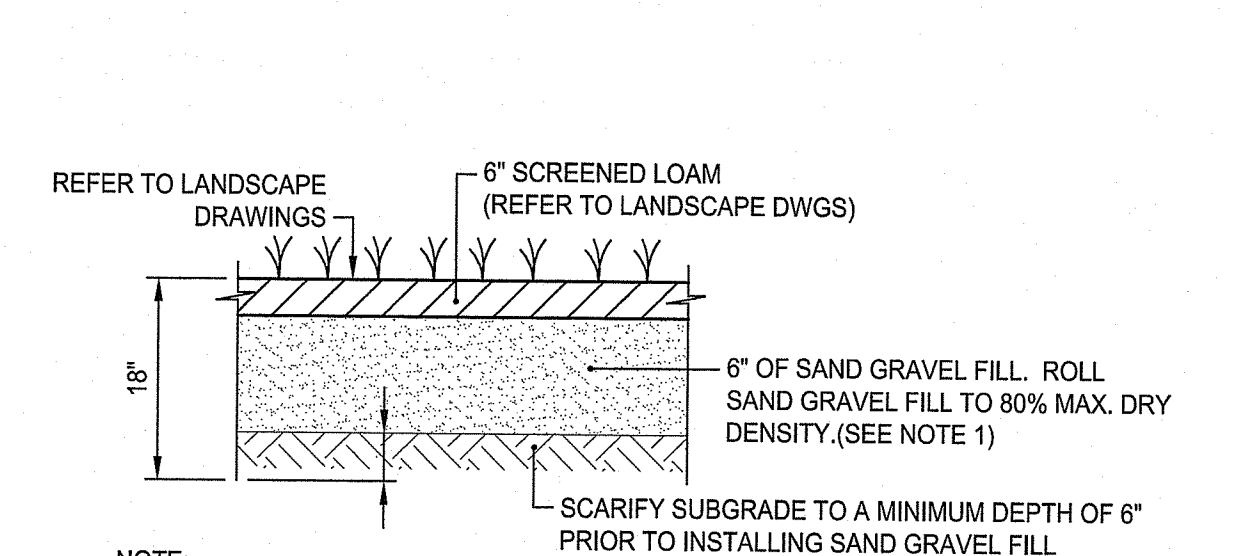
DRAWING NO.:

C6.6

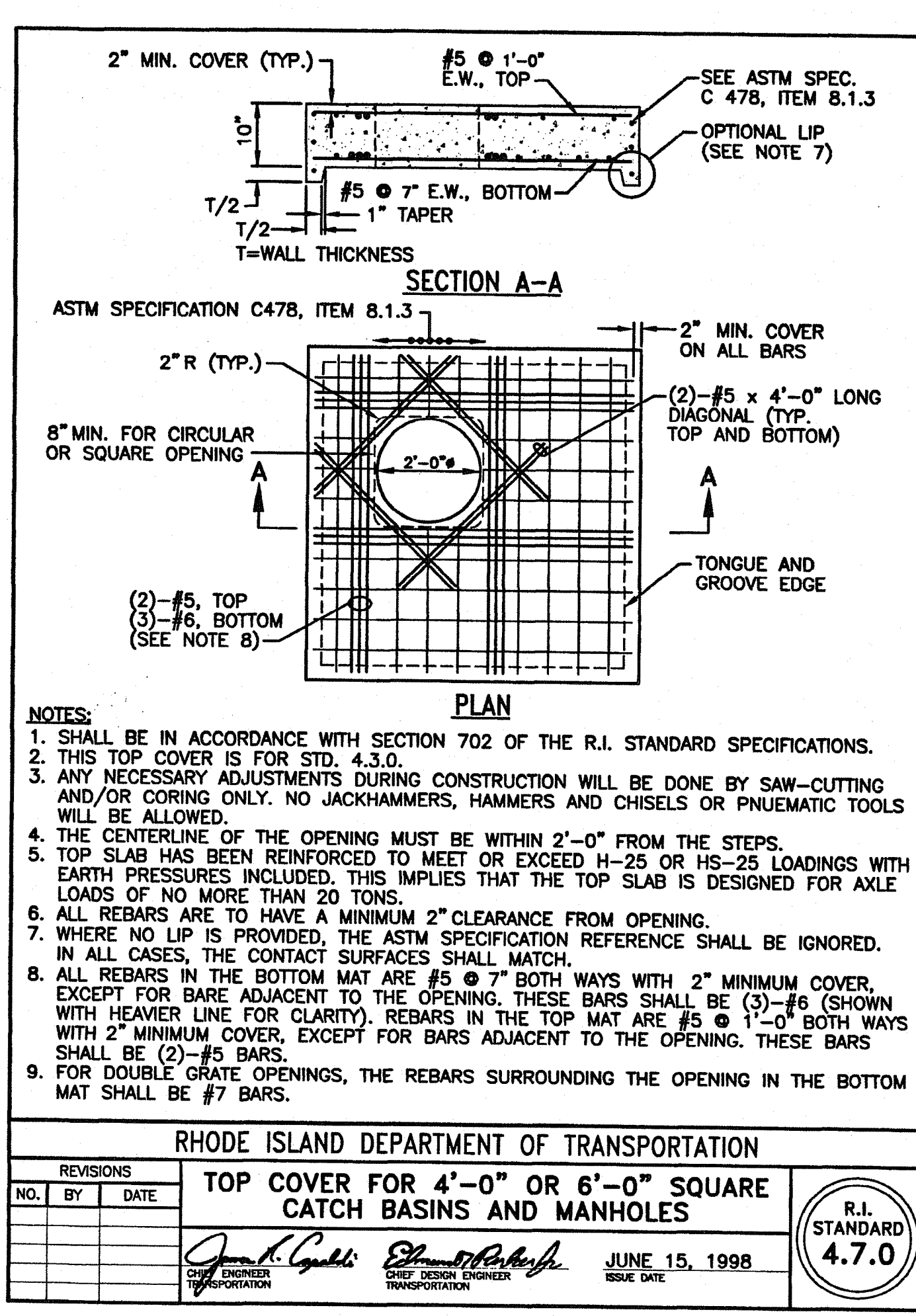
SHEET NO. 17 OF 17



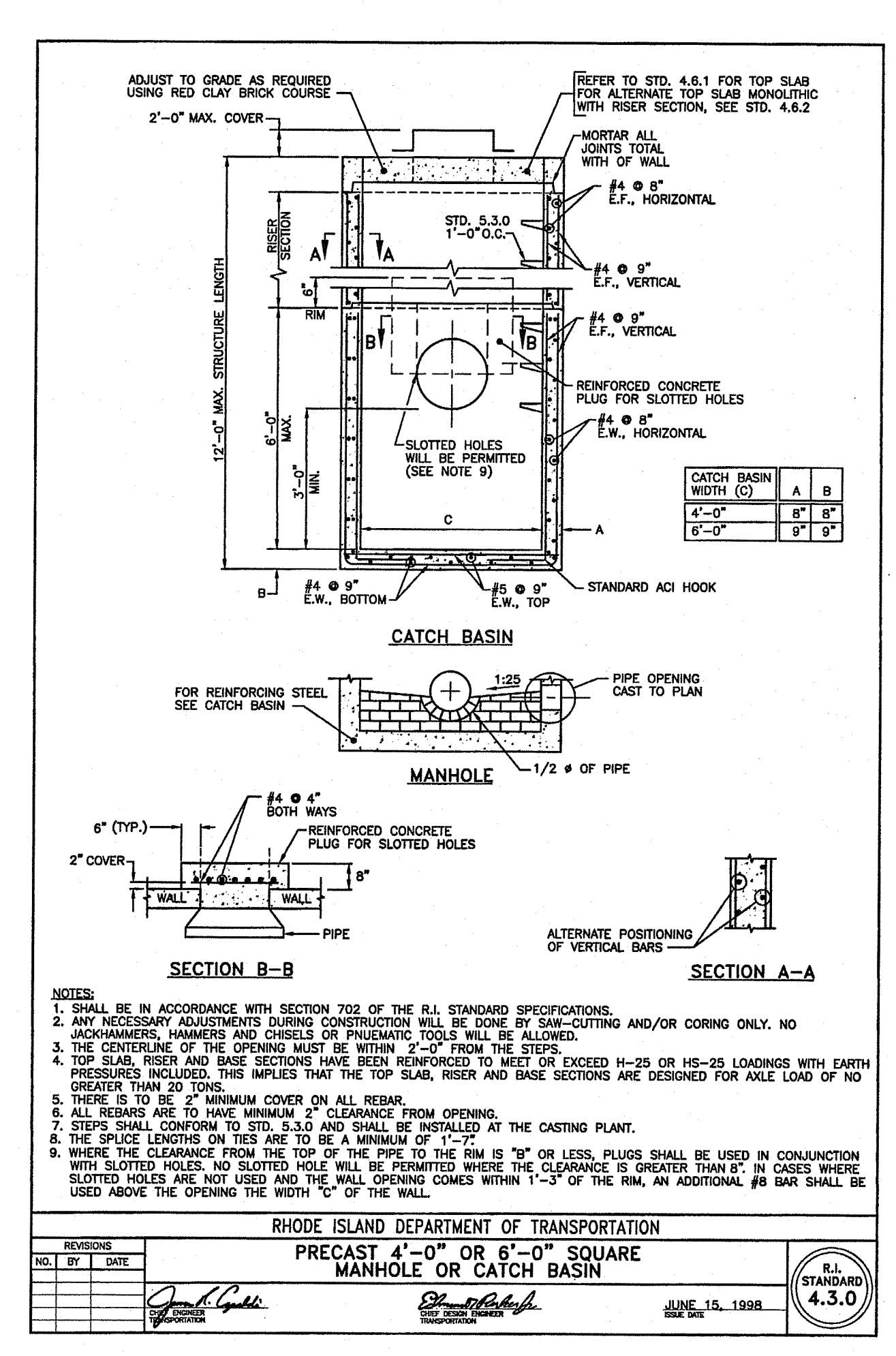
TYPICAL PEA GRAVEL DIAPHRAGM
 NOT TO SCALE



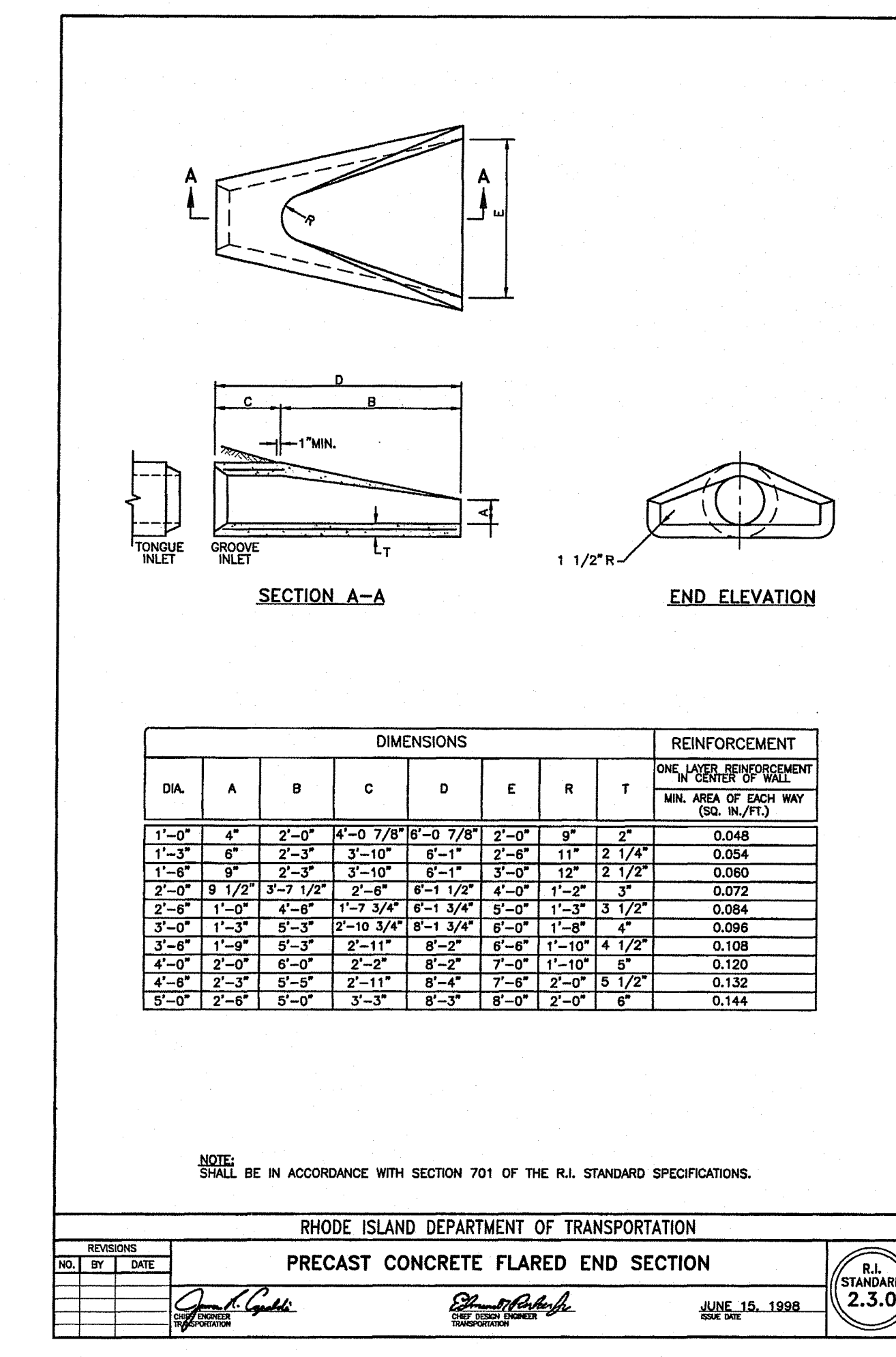
QUALIFYING PERVIOUS AREA (QPA) DETAIL
 NOT TO SCALE



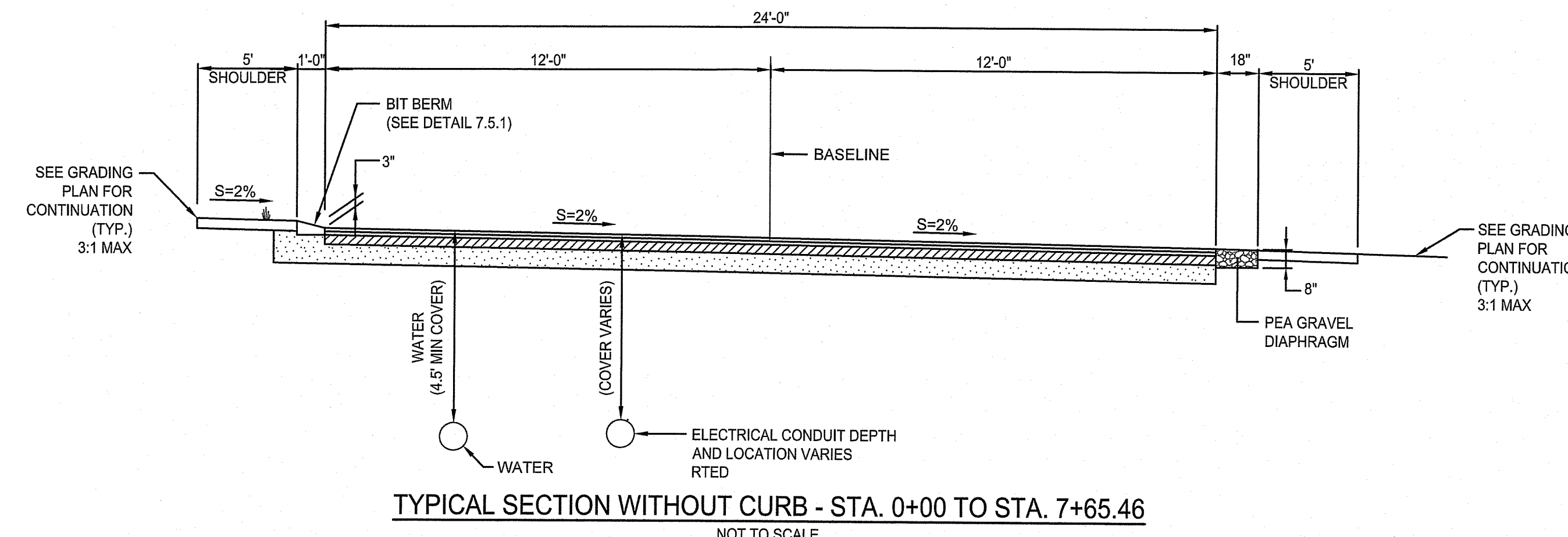
RHODE ISLAND DEPARTMENT OF TRANSPORTATION
 TOP COVER FOR 4'-0" OR 6'-0" SQUARE CATCH BASINS AND MANHOLES
 R.I. STANDARD 4.7.0



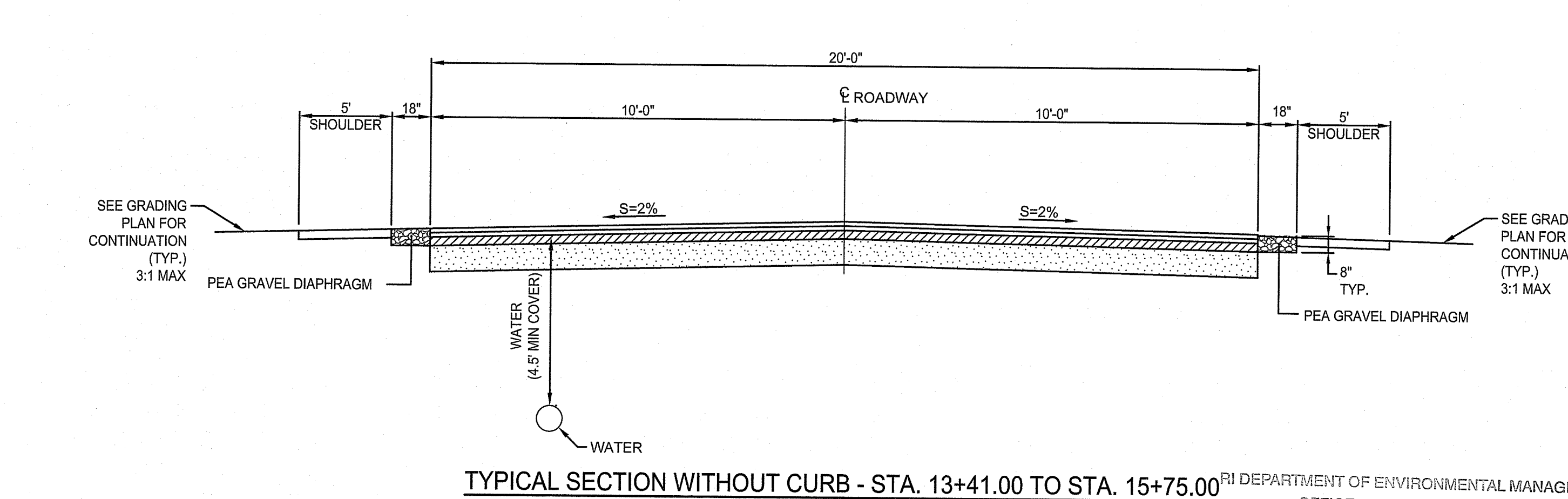
RHODE ISLAND DEPARTMENT OF TRANSPORTATION
 PRECAST 4'-0" OR 6'-0" SQUARE MANHOLE OR CATCH BASIN
 R.I. STANDARD 4.3.0



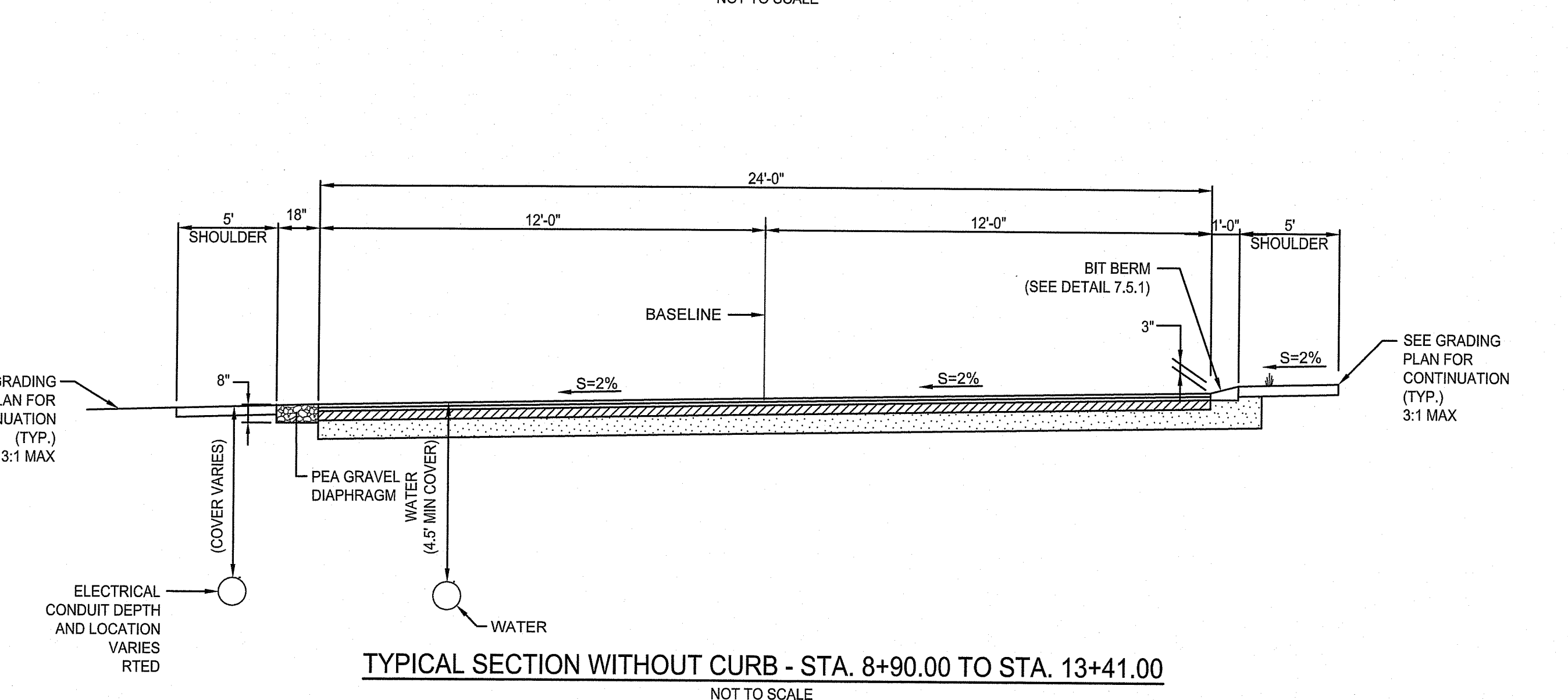
RHODE ISLAND DEPARTMENT OF TRANSPORTATION
 PRECAST CONCRETE FLARED END SECTION
 R.I. STANDARD 2.3.0



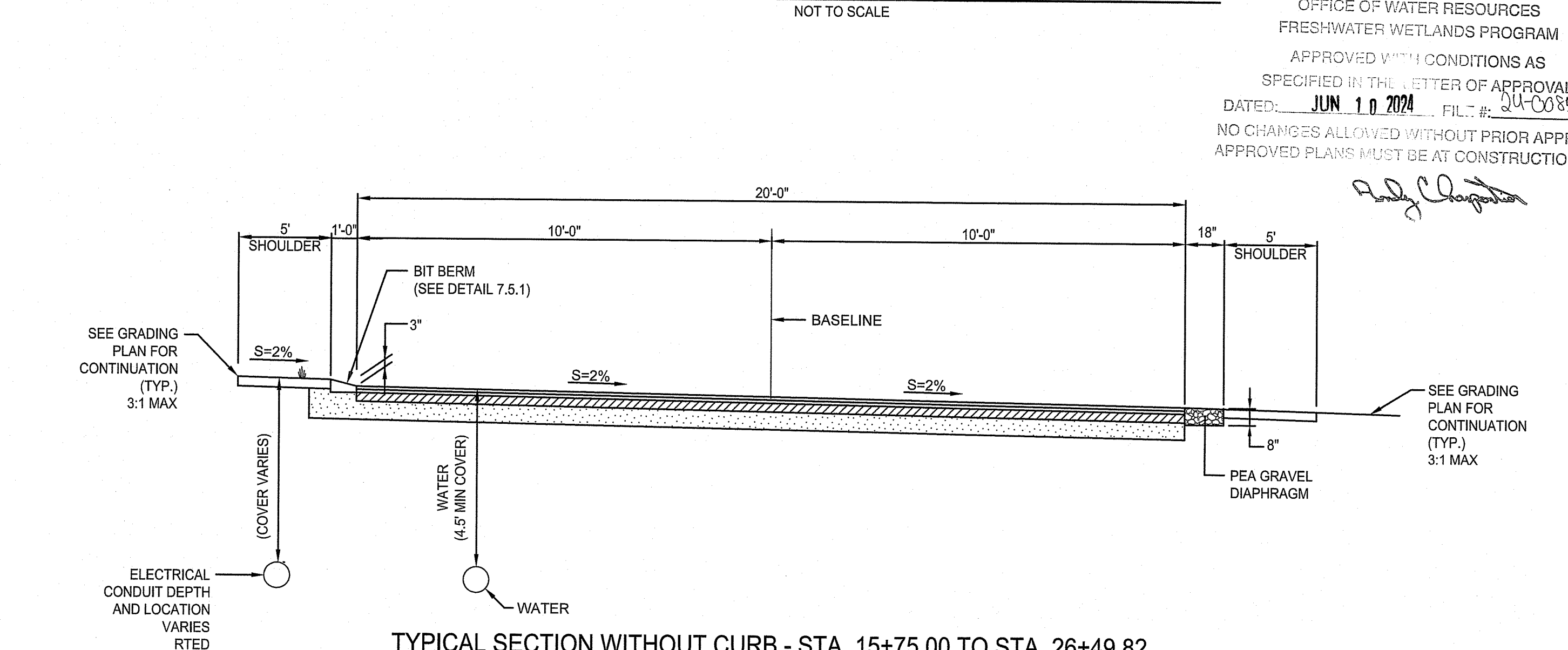
TYPICAL SECTION WITHOUT CURB - STA. 0+00 TO STA. 7+65.46
 NOT TO SCALE



TYPICAL SECTION WITHOUT CURB - STA. 13+41.00 TO STA. 15+75.00
 NOT TO SCALE



TYPICAL SECTION WITHOUT CURB - STA. 8+90.00 TO STA. 13+41.00
 NOT TO SCALE



TYPICAL SECTION WITHOUT CURB - STA. 15+75.00 TO STA. 26+49.82
 NOT TO SCALE

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