

# Recycling Depot Industrial Way and Progress Way

AP 109 LOTS 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 737, 738, ROW

Tiverton, Rhode Island

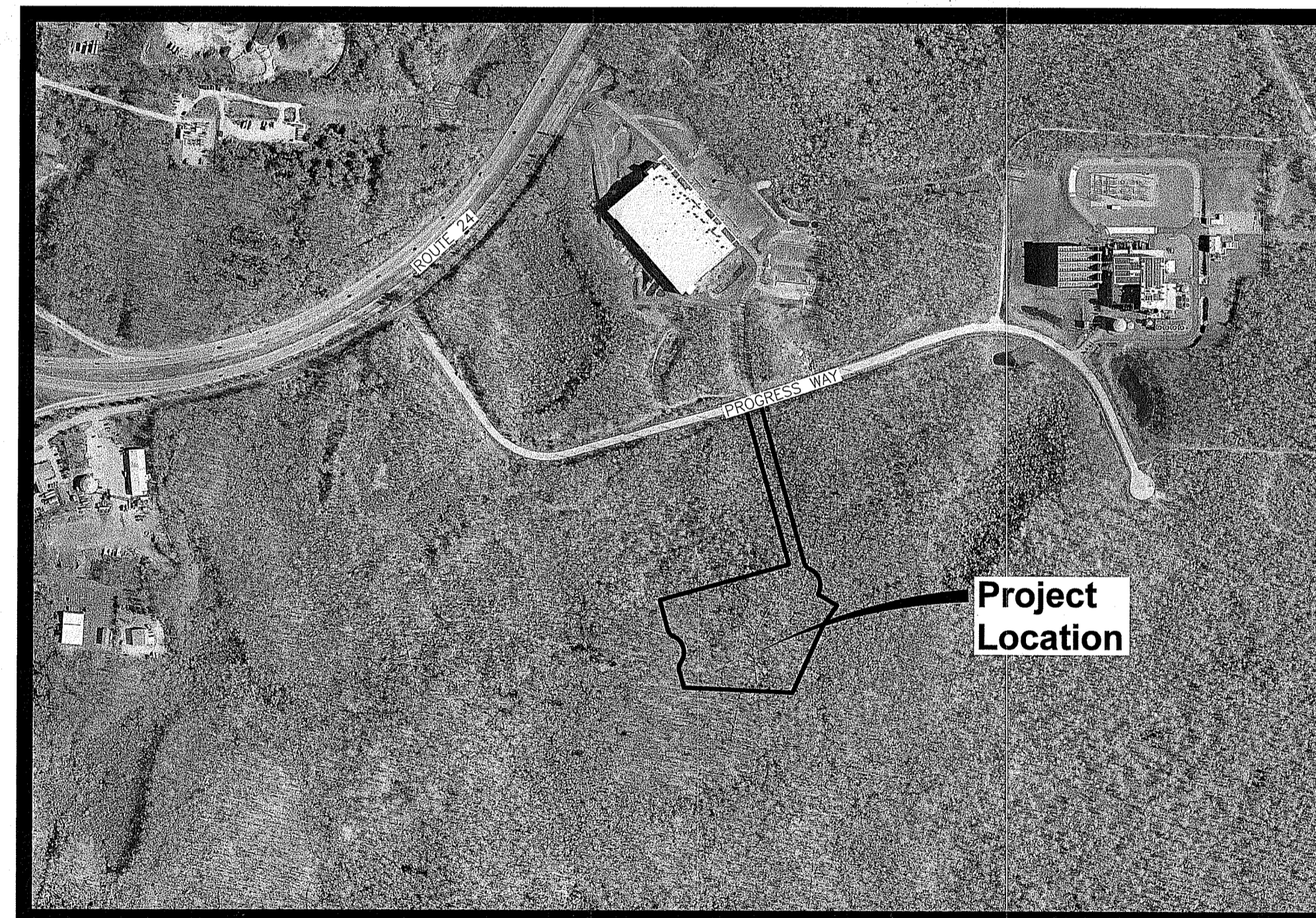
**OWNER/APPLICANT:**

Town of Tiverton  
50 Industrial Way  
Tiverton, RI 02878

**CIVIL ENGINEER:**



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



Scale : N.T.S.

**INDEX OF DRAWINGS**

SHEET No.	DRAWING No.	DESCRIPTION
-	-	COVER SHEET
1	C1.1	NOTES & LEGEND
2	C1.2	OVERALL PLAN
3 - 4	C2.1 - C2.2	DEMOLITION, EROSION & SEDIMENT CONTROL PLAN 1 - 2
5 - 6	C3.1 - C3.2	GENERAL PLAN 1 - 2
7 - 8	C4.1 - C4.2	GRADING PLAN 1 - 2
9 - 10	C5.1 - C5.2	DRAINAGE & UTILITY PLAN 1 - 2
11 - 15	C6.1 - C6.5	DETAILS 1 - 5

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT  
OFFICE OF WATER RESOURCES  
FRESHWATER WETLANDS PROGRAM  
REVIEWED SITE PLAN APPLICATION NO.: 20-014  
DATED SEP 21 2021  
SEE LETTER OF SAME DATE.

*Nancy L. Freeman*

**RIDEM SUBMISSION**  
June 24, 2020

RI Environmental Management  
JUN 25 2021  
Office of Water Resources

REFERENCE

- 1. PROJECT LOCATION: TOWN OF TIVERTON RECYCLING DEPOT, PROGRESS WAY, TIVERTON RI 02878. ASSESSOR'S PLAT 109, LOTS 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 737, 738, 739.
2. EXISTING CONDITIONS MAPPING TAKEN FROM PLAN ENTITLED "TIVERTON INDUSTRIAL PARK" PREPARED BY DIPRETE ENGINEERING, DATED JUNE 29, 2012.
3. WETLAND FLAGS IDENTIFYING WETLAND RESOURCE AREAS WERE PLACED BY PARE CORPORATION ON MAY 7, 2020 AND LOCATED USING A HANDHELD GPS DEVICE WITH SUB-METER ACCURACY.

GENERAL NOTES

- 1. PER AVAILABLE RIDEM MAPPING, THE PROJECT SITE IS LOCATED OUTSIDE OF NATURAL HERITAGE AREAS.
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. PRIOR TO ANY LAND DISTURBANCE ACTIVITIES COMMENCING ON THE SITE, THE CONTRACTOR MUST PHYSICALLY MARK THE LIMITS OF DISTURBANCE (LOD) AT THE PERIMETER OF THE CONSTRUCTION SITE AND ANY AREAS TO BE PROTECTED WITHIN THE SITE SO THAT WORKERS CAN CLEARLY SEE THE AREAS TO BE PROTECTED THROUGHOUT THE CONSTRUCTION PERIOD.
5. 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.
6. 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.
7. 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.
8. 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.
9. ALL SITE WORK SHALL MEET OR EXCEED THE SITE WORK SPECIFICATIONS PREPARED FOR THIS PROJECT.
10. ALL SIGNS SHALL BE REFLECTORIZED TYPE III SHEETING AND CONFORM WITH THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), LATEST REVISION.
11. 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.
12. 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. 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.

DEMOLITION NOTES

- 1. THE CONTRACTOR SHALL COORDINATE ALL DEMOLITION OF STRUCTURES, PAVEMENT AND CONCRETE MATERIALS, AND UTILITIES WITH APPROPRIATE PROPOSED SITE GENERAL, GRADING, AND UTILITY 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 WATER LINE BENDS AND TEES SHALL BE REINFORCED WITH THRUST BLOCKS. ALL WATER DISTRIBUTION PIPING AND FITTINGS MUST ADHERE TO THE NORTH TIVERTON FIRE DISTRICT WATER DEPARTMENT 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 NORTH TIVERTON FIRE DISTRICT WATER DEPARTMENT PRIOR TO ORDERING OR PURCHASING PRODUCTS.
11. 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.
12. PITCH EVENLY BETWEEN SPOT GRADES. ALL PAVED AREAS MUST PITCH TO DRAIN AT A MIN. OF 1/8" PER FOOT UNLESS SPECIFIED OTHERWISE.
13. THE PROPOSED WALKWAYS SHALL HAVE A MAXIMUM CROSS SLOPE OF 2% AND A MAXIMUM RUNNING SLOPE OF 5%.

DETENTION BASIN INSPECTION, MAINTENANCE, AND REPAIR NOTES

- 1. SEDIMENT SHALL BE REMOVED FROM THE DETENTION BASIN WHEN THE SEDIMENT VOLUME EXCEEDS 10 PERCENT OF THE TOTAL BASIN VOLUME. THE REMOVED SEDIMENT SHALL BE DISPOSED OF AT AN APPROVED AND PERMITTED LOCATION.
2. FOLLOWING FIRST 6 MONTHS AFTER CONSTRUCTION
\* INSPECT INFILTRATION PRACTICES AFTER FIRST TWO RAINFALL EVENTS OF 1" OR MORE.
3. BI-ANNUALLY
\* INSPECT DETENTION BASIN A MINIMUM OF TWO TIMES PER YEAR, PREFERABLY ONCE IN APRIL AND ONCE IN OCTOBER.
\* MOW SIDE SLOPES AND BOTTOM OF DETENTION BASIN A MINIMUM OF TWO TIMES PER YEAR. THE VEGETATION SHALL NOT EXCEED 18" IN HEIGHT.
4. QUARTERLY
\* THE DETENTION BASIN OUTLET STRUCTURES AND ALL OUTFLOW CHANNELS SHOULD BE INSPECTED QUARTERLY BY THE OWNER.

VEGETATED FILTER STRIP AREA INSPECTION, MAINTENANCE, AND REPAIR NOTES

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

- 1. THE VEGETATED FILTER STRIP MUST BE INSPECTED QUARTERLY DURING THE FIRST YEAR OF OPERATION AND SEMIANNUALLY THEREAFTER FOR SEDIMENT, PONDING, EROSION, AND VEGETATION.
2. REMOVE ACCUMULATED SEDIMENT FROM THE VEGETATED FILTER STRIP ANNUALLY OR AT ANY TIME THAT SEDIMENT EXCEEDS 1".
3. OWNER SHALL REPAIR ANY SLOPES THAT HAVE BEEN DAMAGED DUE TO EROSION OR OTHER MEANS. OWNER SHALL REPLACE ANY VEGETATION THAT HAS DIED OR BEEN DAMAGED.
4. OWNER SHALL MOW GRASS WITHIN THE VEGETATED FILTER STRIP A MINIMUM OF TWICE ANNUALLY AND MAINTAIN A MINIMUM GRASS HEIGHT OF 4".
5. TRASH AND DEBRIS SHALL BE REMOVED FROM THE VEGETATED FILTER STRIP AS NECESSARY.
6. THE FILTER STRIP SHALL NOT BE USED FOR SNOW STORAGE.

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 (SSC) 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 CORRALS OR SEDIMENTATION BASIS.
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 TIVERTON, 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 SWEEP 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.

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.

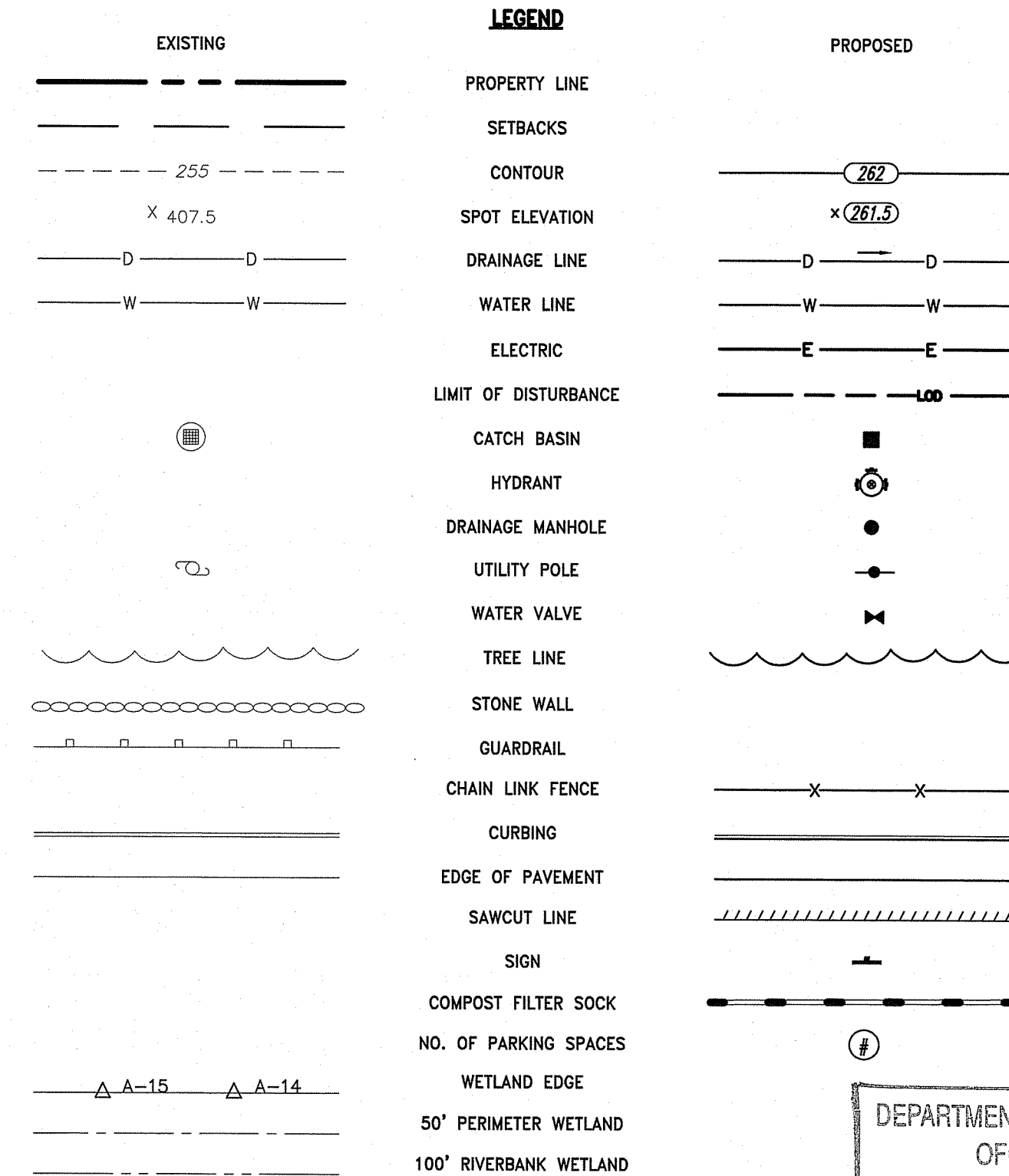
- 1. SEDIMENT FOREBAY SHALL BE INSPECTED A MINIMUM OF TWO TIMES PER YEAR AND AFTER EVERY STORM OF 2.7" INCH OR GREATER FOR TRASH, DEBRIS, SEDIMENT, EROSION, STANDING WATER, AND OVERALL PERFORMANCE. DEFECTS SHALL BE REPAIRED BY THE OWNER.
2. SEDIMENT FOREBAYS SHALL BE CLEANED IF SEDIMENT REACHES HALF 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.

SAND FILTER NOTES INSPECTION, MAINTENANCE, AND REPAIR NOTES

- 1. FOLLOWING FIRST 6 MONTHS AFTER CONSTRUCTION
\* INSPECT SAND FILTER AFTER FIRST TWO RAINFALL EVENTS OF 1" OR MORE.
2. FOLLOWING STORM EVENTS WITH RAINFALL EXCEEDING 2.7"
\* INSPECT SAND FILTER FOR TRASH, DEBRIS, SEDIMENT, EROSION, STANDING WATER, AND OVERALL PERFORMANCE. DEFECTS SHALL BE REPAIRED BY OWNER.
3. BI-ANNUALLY
\* INSPECT SAND FILTER A MINIMUM OF TWO TIMES PER YEAR, PREFERABLY IN APRIL AND OCTOBER. SEDIMENT SHALL BE REMOVED FROM SAND FILTER IF THE SEDIMENT EXCEEDS 1".
\* MOW SIDESLOPES AND BOTTOM OF SAND FILTER A MINIMUM OF TWO TIMES PER YEAR.
4. QUARTERLY
\* INSPECT SAND FILTER OUTLET CONTROL STRUCTURE AND ALL OUTFLOW 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 72 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 SAND FILTER AS NECESSARY.

DRY SWALE INSPECTION, MAINTENANCE, AND REPAIR NOTES

- 1. ERODED SIDE SLOPES AND CHANNEL BOTTOMS SHALL BE STABILIZED AS NECESSARY.
2. SEDIMENT SHALL BE REMOVED FROM THE SWALE WHEN THE SEDIMENT VOLUME EXCEEDS 25 PERCENT OF THE TOTAL WOV VOLUME. THE REMOVED SEDIMENT SHALL BE TESTED AND DISPOSED OF AT AN APPROVED AND PERMITTED LOCATION AS PER LUHPLP REQUIREMENTS.
3. FOLLOWING FIRST 6 MONTHS AFTER CONSTRUCTION
\* INSPECT INFILTRATION PRACTICES AFTER FIRST TWO RAINFALL EVENTS OF 1" OR MORE.
\* IF THE SURFACE OF THE DRY SWALE BECOMES CLOGGED TO THE POINT THAT STANDING WATER IS OBSERVED ON THE SURFACE 48 HOURS AFTER PRECIPITATION EVENTS, THE BOTTOM SHALL BE ROTO-TILLED OR CULTIVATED TO BREAK UP ANY HARD-PACKED SEDIMENT, AND THEN RESEDED.
4. BI-ANNUALLY
\* INSPECT SWALE A MINIMUM OF TWO TIMES PER YEAR, PREFERABLY ONCE IN APRIL AND ONCE IN OCTOBER.
\* MOW SIDE SLOPES AND BOTTOM OF DETENTION BASIN A MINIMUM OF TWO TIMES PER YEAR. THE VEGETATION SHALL NOT EXCEED 6" IN HEIGHT.
5. ANNUALLY
\* OPEN CHANNEL PRACTICES SHALL BE INSPECTED ANNUALLY AND AFTER STORMS EVENTS 1" OR MORE.
6. EVERY FIVE YEARS, THE CHANNEL BOTTOM OF DRY SWALES SHOULD BE SCRAPED TO REMOVE SEDIMENT AND TO RESTORE ORIGINAL CROSS SECTION AND INFILTRATION RATE, AND SHOULD BE SEEDED TO RESTORE GROUND COVER.



DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
REVIEWED SITE PLAN APPLICATION NO. 20-0141
DATED 1 SEP 21 2021
SEE LETTER OF SAME DATE.
Nancy L. Fleeman

LEGEND:

- BOL = BOLLARD
CCW = CEMENT CONCRETE WALK
CD = CHECK DAM (SEE DETAIL)
CFS = COMPOST FILTER SOCK (SEE DETAIL)
CG = CLEAR AND GRUB VEGETATION
CLF = CHAIN LINK FENCE
CM = SAWCUT AND MATCH
CP = CONCRETE PAD
CRW = CONCRETE RETAINING WALL (SEE DETAIL)
CTE = CONNECT TO EXISTING
DFP = REMOVE AND DISPOSE FLEXIBLE PAVEMENT
ETR = EXISTING TO REMAIN. PROTECT DURING CONSTRUCTION.
G = GRAVEL DRIVE (SEE DETAIL)
GY = GATE VALVE
HMA = HOT MIXED ASPHALT PAVEMENT (SEE DETAIL)
HYD = HYDRANT
LS = LOAM AND SEED
RLS = RIPRAP LEVEL SPREADER
RS = RIPRAP SPILLWAY
R&D = REMOVE AND DISPOSE
RRR = REMOVE AND RESET
SFCD = SEDIMENT FOREBAY CHECK DAM (SEE DETAIL)
SM = SEDIMENT MARKER
TIP = TEMPORARY INLET PROTECTION
TST = TEMPORARY SEDIMENT TRAP
VFS = VEGETATED FILTER STRIP

RIDOT STANDARDS LEGEND:

- 2.1.0 = CONCRETE HEADWALLS FOR PIPE CULVERTS - R.I. STD. 2.1.0
2.3.0 = PRECAST CONCRETE FLARED END SECTION - R.I. STD. 2.3.0
4.2.0 = PRECAST 4'-0" ROUND MANHOLE - R.I. STD. 4.2.0
9.9.0 = CONSTRUCTION ACCESS - R.I. STD. 9.9.0
24.6.0 = PARKING SIGN MOUNTING DETAIL - R.I. STD. 24.6.0
43.1.0M = CEMENT CONCRETE SIDEWALK (MODIFIED) - R.I. STD. 43.1.0M

ABBREVIATIONS

- ADA = AMERICANS WITH DISABILITIES ACT
ASSF = AREA SUBJECT TO STORM FLOWAGE
BM = BENCHMARK
BMP = BEST MANAGEMENT PRACTICE
BIT. = BITUMINOUS
BOT. = BOTTOM
BC = BOTTOM OF CURB (FINISHED GRADE ON LOW SIDE OF CURB)
BS = BOTTOM OF STAIR (FINISHED GRADE AT BOTTOM STAIR)
BW = BOTTOM OF WALL (FINISHED GRADE ON LOW SIDE OF WALL)
CI = CAST IRON
CB = CATCH BASIN, 4" DIA. UNLESS OTHERWISE NOTED
CLDI = CEMENT-LINED DUCTILE IRON
CL = CLASS
CLSM = CONTROLLED LOW STRENGTH MATERIAL
CO = CLEANOUT
CONC. = CONCRETE
CC = CONCRETE CURB, VERTICAL
DEMO = DEMOLITION
DIA = DIAMETER
DIV = DIVERSION
DYL = DOUBLE YELLOW LINE
DMH = DRAIN MANHOLE
EOP = EDGE OF PAVEMENT
ELEV. = ELEVATION
EX. EXIST. = EXISTING
EXCB = EXISTING CATCH BASIN
EXDMH = EXISTING DRAIN MANHOLE
FFE = FINISH FLOOR ELEVATION
FT = FOOT
FND. = FOUND
STD = GRADE TO DRAIN
GRAN. = GRANITE
HDPE = HIGH DENSITY POLYETHYLENE PIPE
HMA = HOT MIX ASPHALT
HYD = HYDRANT
I.D. = INNER DIAMETER
INV. = INVERT
LOD = LIMIT OF DISTURBANCE
LP = LOW POINT
MUTCD = MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES, LATEST EDITION
MAX. = MAXIMUM
MIN. = MINIMUM
MON. = MONITORING
N.T.S. = NOT TO SCALE
OSHA = OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION
OWS = OIL WATER SEPARATOR
OCS = OUTLET CONTROL STRUCTURE
PERF. = PERFORATED
PE = POLYETHYLENE
PVC = POLYVINYL CHLORIDE
R&K = RADIUS (IN FEET)
RCC = REINFORCED CONCRETE PIPE
RIDEM = RHODE ISLAND DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
RIDOT = RHODE ISLAND DEPARTMENT OF TRANSPORTATION
RHP = RHODE ISLAND HIGHWAY PLAT
RIPDES = RHODE ISLAND POLLUTION DISCHARGE ELIMINATION SYSTEM
R.I. STD. = RHODE ISLAND STANDARD
SMH = SEWER MANHOLE
SWL = SINGLE SOLID WHITE LINE
SESC = SOIL EROSION AND SEDIMENT CONTROL
SDR = STANDARD DIMENSIONAL RATIO
TD = TEMPORARY DIVERSION
TST = TEMPORARY SEDIMENT TRAP
TSW = TEMPORARY SWALE
TP = TEST PIT
TC = TOP OF CURB
TS = TOP OF STAIR (FINISHED GRADE OF TOP STAIR)
TW = TOP OF WALL
TYP. = TYPICAL
UP = UTILITY POLE
VGC = VERTICAL GRANITE CURB
VC = VITRIFIED CLAY
WPM = WATER PAINT MARK
w/ = WITH
YD = YARD DRAIN



OWNER/APPLICANT: TOWN OF TIVERTON
50 INDUSTRIAL WAY
TIVERTON, RI 02878

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

Recycling Depot
Industrial Way and Progress Way
Tiverton, Rhode Island

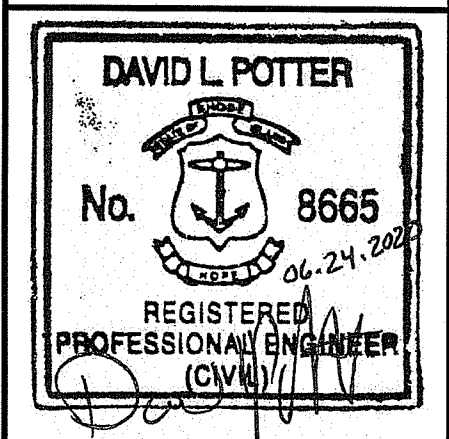


Table with 2 columns: REVISIONS, and empty rows for recording changes.

PROJECT NO.: 94139.01
DATE: JUNE 24, 2020
SCALE: NOT TO SCALE
DESIGNED BY: ACB
CHECKED BY: JHR
DRAWN BY: AKL
APPROVED BY: DLP
DRAWING TITLE:
NOTES & LEGEND
DRAWING NO.:
C1.1
SHEET NO. 1 OF 15



**EROSION & SEDIMENT CONTROL NOTES:**

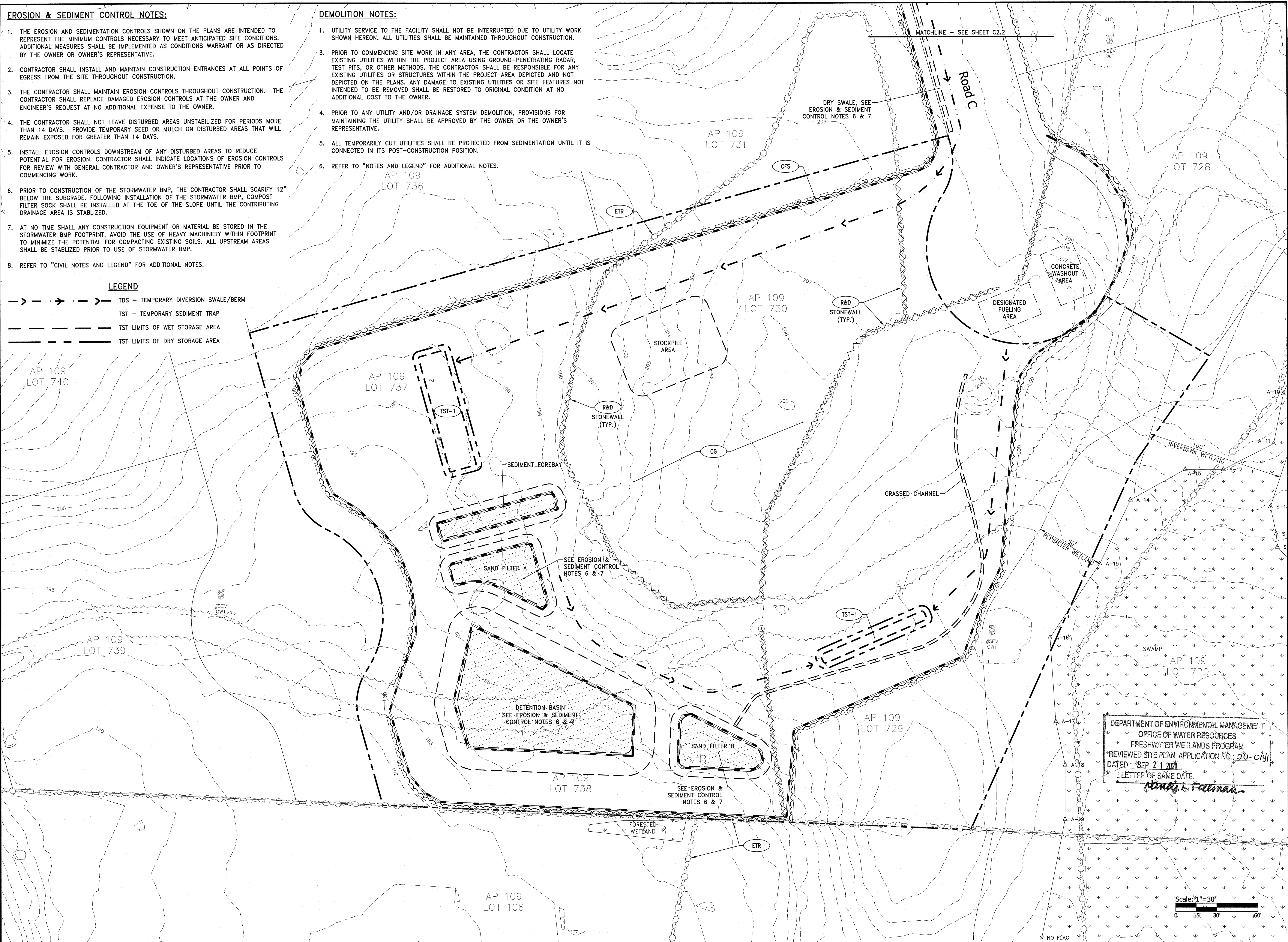
1. THE EROSION AND SEDIMENTATION CONTROLS SHOWN ON THE PLANS ARE INTENDED TO REPRESENT THE MINIMUM CONTROLS NECESSARY TO MEET ANTICIPATED SITE CONDITIONS. ADDITIONAL MEASURES SHALL BE IMPLEMENTED AS CONDITIONS WARRANT OR AS DIRECTED BY THE OWNER OR OWNER'S REPRESENTATIVE.
2. CONTRACTOR SHALL INSTALL AND MAINTAIN CONSTRUCTION ENTRANCES AT ALL POINTS OF EGRESS FROM THE SITE THROUGHOUT CONSTRUCTION.
3. 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.
4. 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.
5. 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.
6. PRIOR TO CONSTRUCTION OF THE STORMWATER BMP, THE CONTRACTOR SHALL SCARIFY 12" BELOW THE SUBGRADE. FOLLOWING INSTALLATION OF THE STORMWATER BMP, COMPOST FILTER SOCK SHALL BE INSTALLED AT THE TOE OF THE SLOPE UNTIL THE CONTRIBUTING DRAINAGE AREA IS STABILIZED.
7. AT NO TIME SHALL ANY CONSTRUCTION EQUIPMENT OR MATERIAL BE STORED IN THE STORMWATER BMP FOOTPRINT. AVOID THE USE OF HEAVY MACHINERY WITHIN FOOTPRINT TO MINIMIZE THE POTENTIAL FOR COMPACTING EXISTING SOILS. ALL UPSTREAM AREAS SHALL BE STABILIZED PRIOR TO USE OF STORMWATER BMP.
8. REFER TO "CIVIL NOTES AND LEGEND" FOR ADDITIONAL NOTES.

**LEGEND**

- > -> -> TDS - TEMPORARY DIVERSION SWALE/BERM
- - - TST - TEMPORARY SEDIMENT TRAP
- - - TST LIMITS OF WET STORAGE AREA
- - - TST LIMITS OF DRY STORAGE AREA

**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.
3. PRIOR TO COMMENCING SITE WORK IN ANY AREA, THE CONTRACTOR SHALL LOCATE EXISTING UTILITIES WITHIN THE PROJECT AREA USING GROUND-PENETRATING RADAR, TEST PITS, OR OTHER METHODS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY EXISTING UTILITIES OR STRUCTURES WITHIN THE PROJECT AREA DEPICTED AND NOT INTENDED TO BE REMOVED SHALL BE RESTORED TO ORIGINAL CONDITION AT NO ADDITIONAL COST TO THE OWNER.
4. PRIOR TO ANY UTILITY AND/OR DRAINAGE SYSTEM DEMOLITION, PROVISIONS FOR MAINTAINING THE UTILITY SHALL BE APPROVED BY THE OWNER OR THE OWNER'S REPRESENTATIVE.
5. ALL TEMPORARILY CUT UTILITIES SHALL BE PROTECTED FROM SEDIMENTATION UNTIL IT IS CONNECTED IN ITS POST-CONSTRUCTION POSITION.
6. REFER TO "NOTES AND LEGEND" FOR ADDITIONAL NOTES.

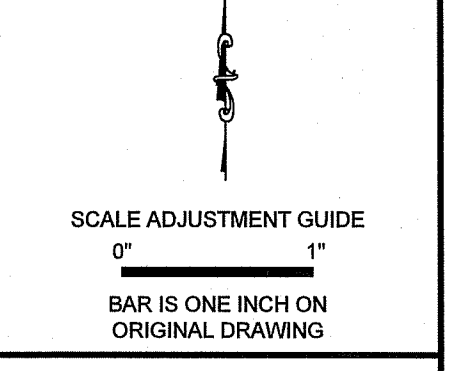


DEPARTMENT OF ENVIRONMENTAL MANAGEMENT  
 OFFICE OF WATER RESOURCES  
 FRESHWATER WETLANDS PROGRAM  
 REVIEWED SITE PLAN APPLICATION NO. 20-014  
 DATED SEP 21 2021  
 LETTER OF SAME DATE  
*Nancy L. Freeman*

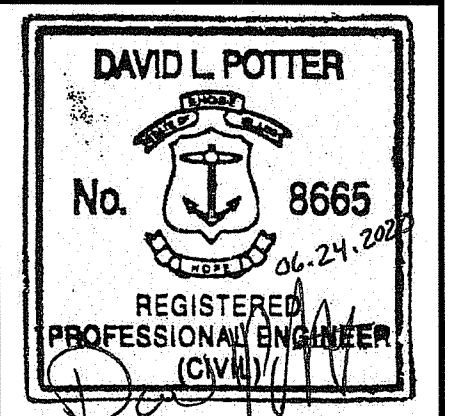
Scale: 1"=30'  
 0 15' 30' 45' 60'



OWNER/APPLICANT:  
 TOWN OF TIVERTON  
 50 INDUSTRIAL WAY  
 TIVERTON, RI 02878



**Recycling Depot**  
**Industrial Way and Progress Way**  
 Tiverton, Rhode Island



REVISIONS:

Environmental Management  
 JUN 25 2021  
 Office of Water Resources

PROJECT NO.: 94139.01  
 DATE: JUNE 24, 2020  
 SCALE: 1"=30'  
 DESIGNED BY: ACB  
 CHECKED BY: JHR  
 DRAWN BY: AKL  
 APPROVED BY: DLP

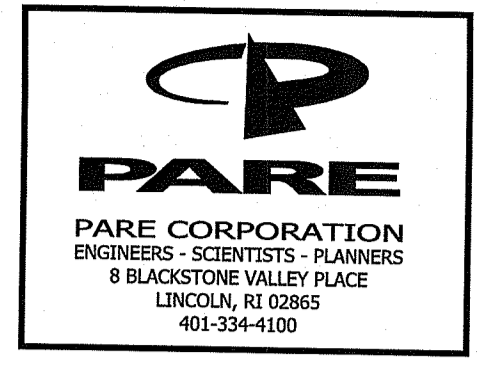
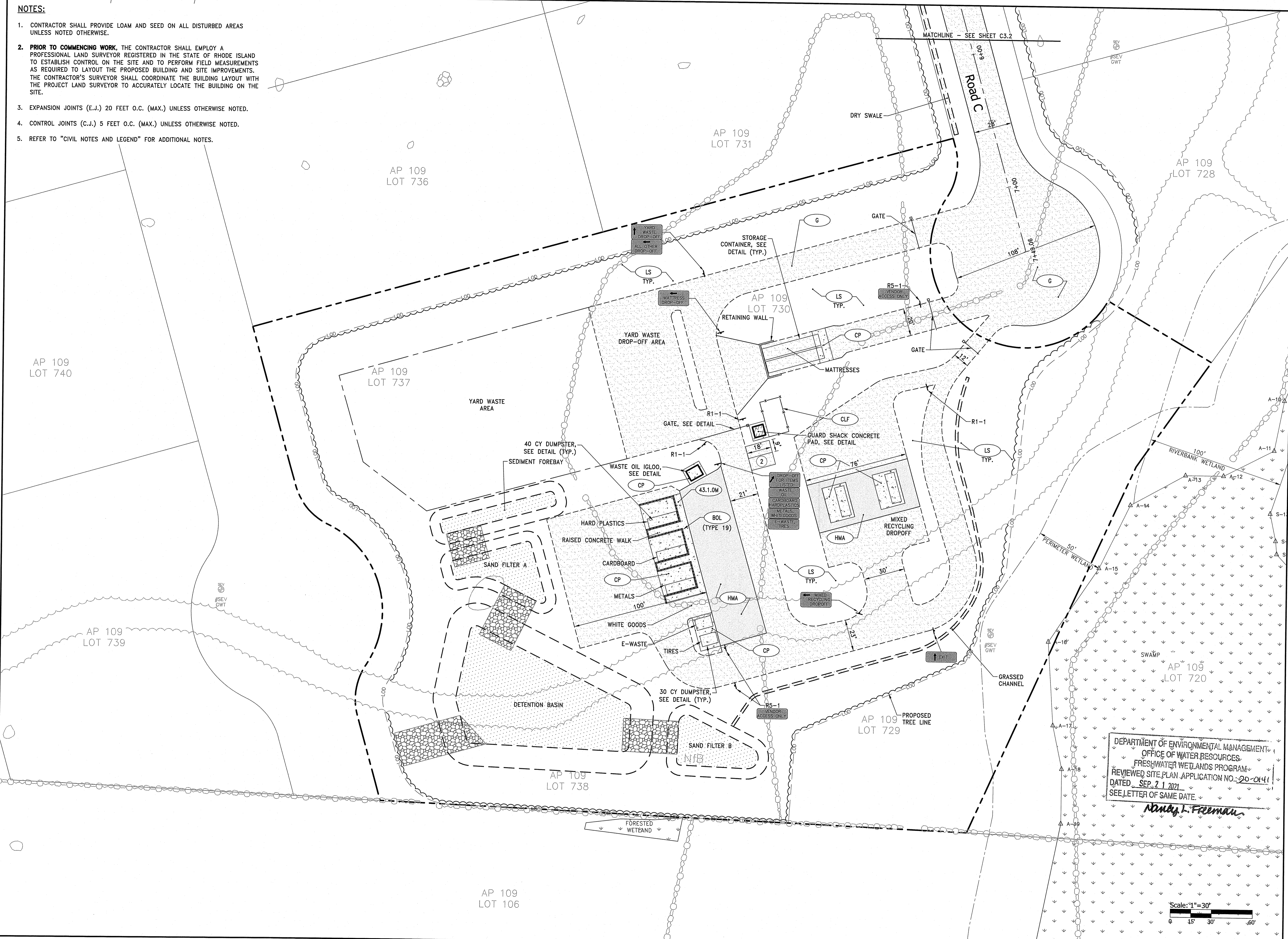
DRAWING TITLE:  
 DEMOLITION, EROSION  
 & SEDIMENT CONTROL  
 PLAN 1

DRAWING NO.:  
**C2.1**  
 SHEET NO. 3 OF 15

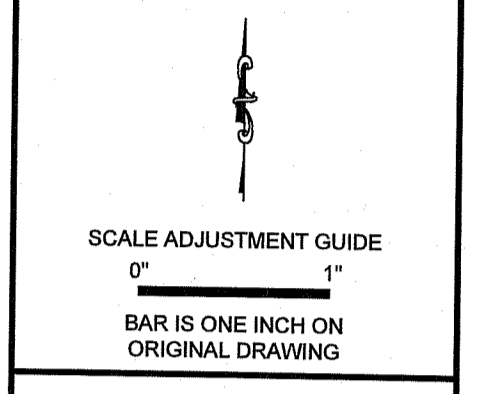


**NOTES:**

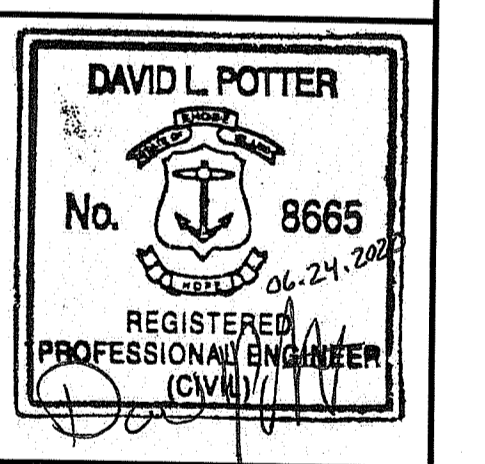
1. CONTRACTOR SHALL PROVIDE LOAM AND SEED ON ALL DISTURBED AREAS UNLESS NOTED OTHERWISE.
2. PRIOR TO COMMENCING WORK, THE CONTRACTOR SHALL EMPLOY A PROFESSIONAL LAND SURVEYOR REGISTERED IN THE STATE OF RHODE ISLAND TO ESTABLISH CONTROL ON THE SITE AND TO PERFORM FIELD MEASUREMENTS AS REQUIRED TO LAYOUT 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.
3. EXPANSION JOINTS (E.J.) 20 FEET O.C. (MAX.) UNLESS OTHERWISE NOTED.
4. CONTROL JOINTS (C.J.) 5 FEET O.C. (MAX.) UNLESS OTHERWISE NOTED.
5. REFER TO "CIVIL NOTES AND LEGEND" FOR ADDITIONAL NOTES.



OWNER/APPLICANT:  
 TOWN OF TIVERTON  
 50 INDUSTRIAL WAY  
 TIVERTON, RI 02878



# Recycling Depot Industrial Way and Progress Way Tiverton, Rhode Island



REVISIONS:

NO.	DESCRIPTION

RI Environmental Management  
 JUN 25 2021  
 Office of Water Resources

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT  
 OFFICE OF WATER RESOURCES  
 FRESHWATER WETLANDS PROGRAM  
 REVIEWED SITE PLAN APPLICATION NO.: 20-0141  
 DATED: SEP. 21 2021  
 SEE LETTER OF SAME DATE.  
*Nancy L. Freeman*

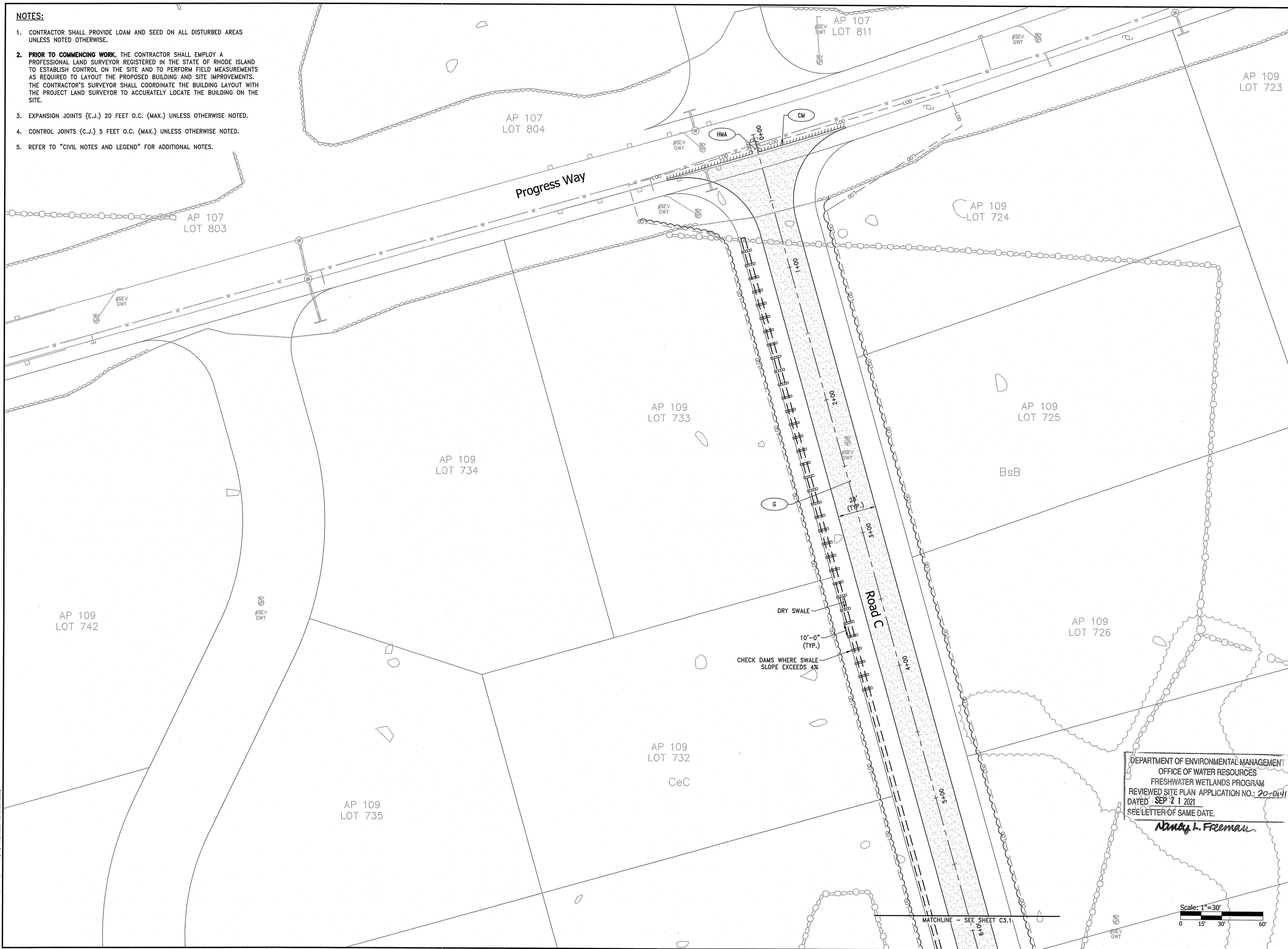
PROJECT NO.: 94139.01  
 DATE: JUNE 24, 2020  
 SCALE: 1"=30'  
 DESIGNED BY: ACB  
 CHECKED BY: JHR  
 DRAWN BY: AKL  
 APPROVED BY: DLP

DRAWING TITLE:  
 GENERAL PLAN 1

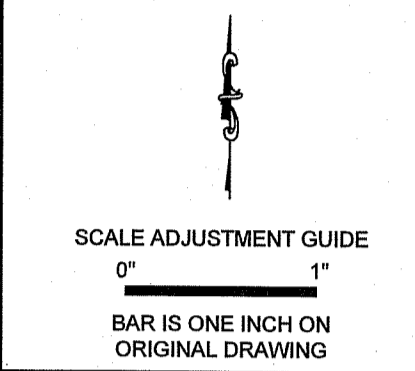
DRAWING NO.:  
**C3.1**  
 SHEET NO. 5 OF 15

**NOTES:**

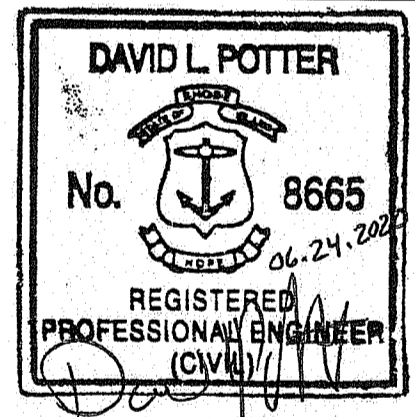
1. CONTRACTOR SHALL PROVIDE LOAM AND SEED ON ALL DISTURBED AREAS UNLESS NOTED OTHERWISE.
2. PRIOR TO COMMENCING WORK, THE CONTRACTOR SHALL EMPLOY A PROFESSIONAL LAND SURVEYOR REGISTERED IN THE STATE OF RHODE ISLAND TO ESTABLISH CONTROL ON THE SITE AND TO PERFORM FIELD MEASUREMENTS AS REQUIRED TO LAYOUT 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.
3. EXPANSION JOINTS (E.J.) 20 FEET O.C. (MAX.) UNLESS OTHERWISE NOTED.
4. CONTROL JOINTS (C.J.) 5 FEET O.C. (MAX.) UNLESS OTHERWISE NOTED.
5. REFER TO "CIVIL NOTES AND LEGEND" FOR ADDITIONAL NOTES.



OWNER/APPLICANT:  
TOWN OF TIVERTON  
50 INDUSTRIAL WAY  
TIVERTON, RI 02876



# Recycling Depot Industrial Way and Progress Way Tiverton, Rhode Island



REVISIONS:

NO.	DATE	DESCRIPTION

RI Environmental Management  
JUN 25 2021  
Office of Water Resources

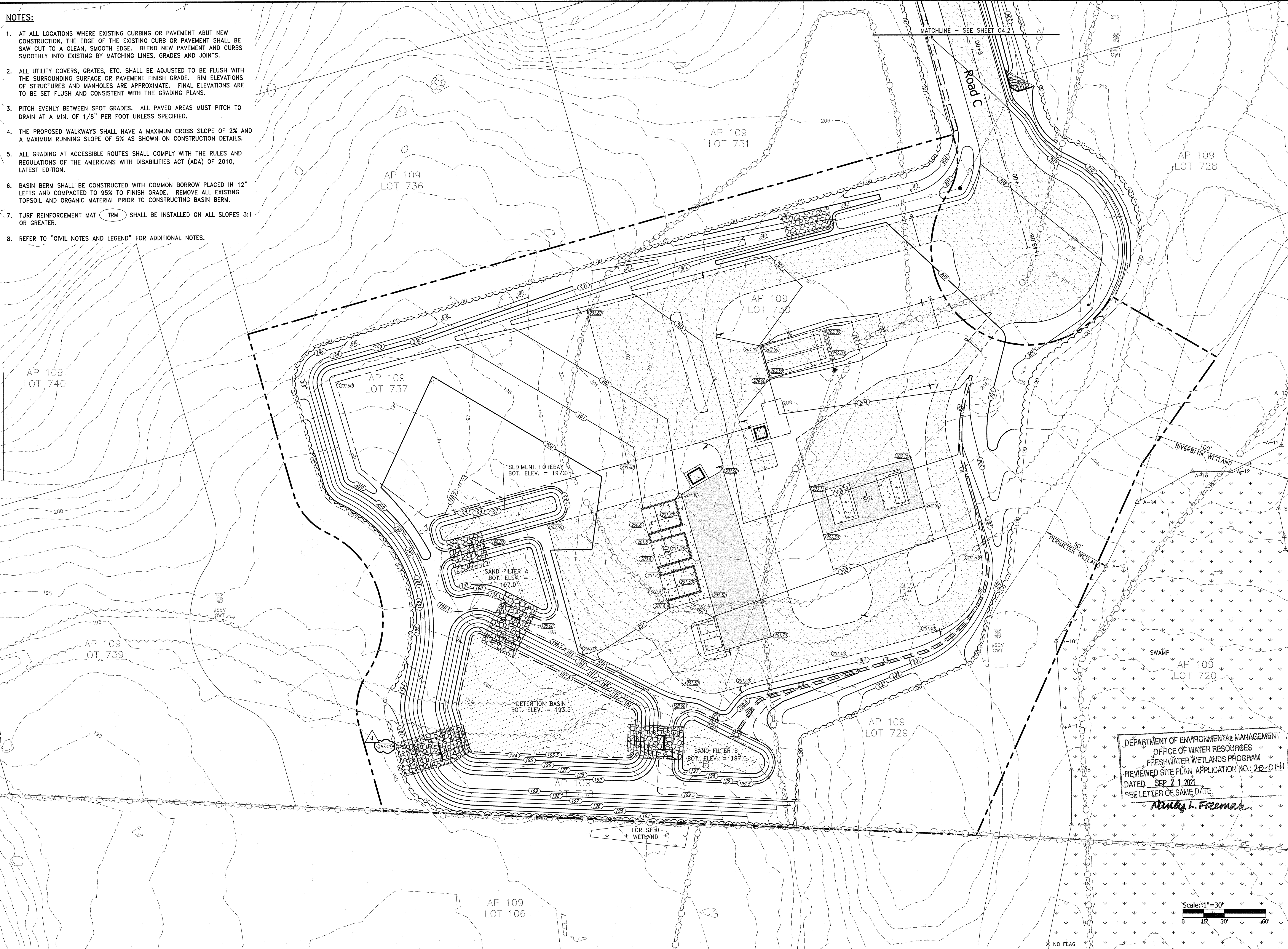
DEPARTMENT OF ENVIRONMENTAL MANAGEMENT  
OFFICE OF WATER RESOURCES  
FRESHWATER WETLANDS PROGRAM  
REVIEWED SITE PLAN APPLICATION NO.: 20-0141  
DATED: SEP 21 2021  
SEE LETTER OF SAME DATE.  
*Nancy L. Freeman*

PROJECT NO.: 94139.01  
DATE: JUNE 24, 2020  
SCALE: 1"=30'  
DESIGNED BY: ACB  
CHECKED BY: JHR  
DRAWN BY: AKL  
APPROVED BY: DLP

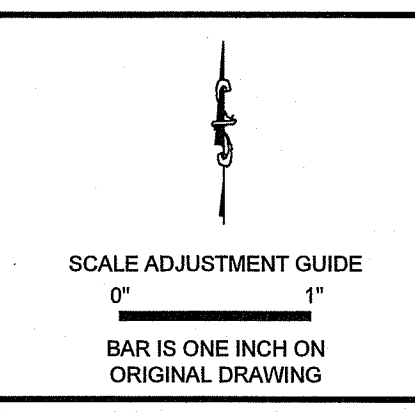
DRAWING TITLE:  
**GENERAL PLAN 2**  
DRAWING NO.:  
**C3.2**  
SHEET NO. 6 OF 15

**NOTES:**

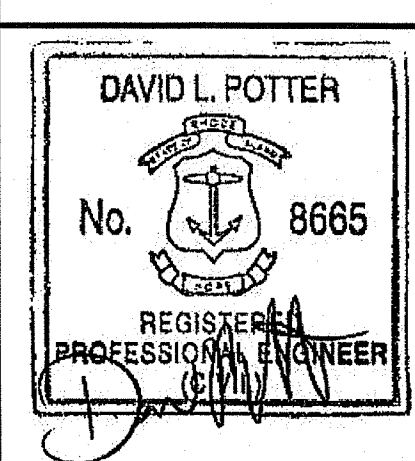
1. AT ALL LOCATIONS WHERE EXISTING CURBING OR PAVEMENT ABUT NEW CONSTRUCTION, THE EDGE OF THE EXISTING CURB OR PAVEMENT SHALL BE SAW CUT TO A CLEAN, SMOOTH EDGE. BLEND NEW PAVEMENT AND CURBS SMOOTHLY INTO EXISTING BY MATCHING LINES, GRADES AND JOINTS.
2. ALL UTILITY COVERS, GRATES, ETC. SHALL BE ADJUSTED 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 "CIVIL NOTES AND LEGEND" FOR ADDITIONAL NOTES.



OWNER/APPLICANT:  
TOWN OF TIVERTON  
50 INDUSTRIAL WAY  
TIVERTON, RI 02878



**Recycling Depot**  
**Industrial Way and Progress Way**  
Tiverton, Rhode Island



REVISIONS:

1	08/02/2021	RIDEM RTC
---	------------	-----------

AUG 04 2021  
Office of Water Resources

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT  
OFFICE OF WATER RESOURCES  
FRESHWATER WETLANDS PROGRAM  
REVIEWED SITE PLAN, APPLICATION NO.: 20-0141  
DATED SEP 21 2021  
SEE LETTER OF SAME DATE.  
*Nancy L. Freeman*

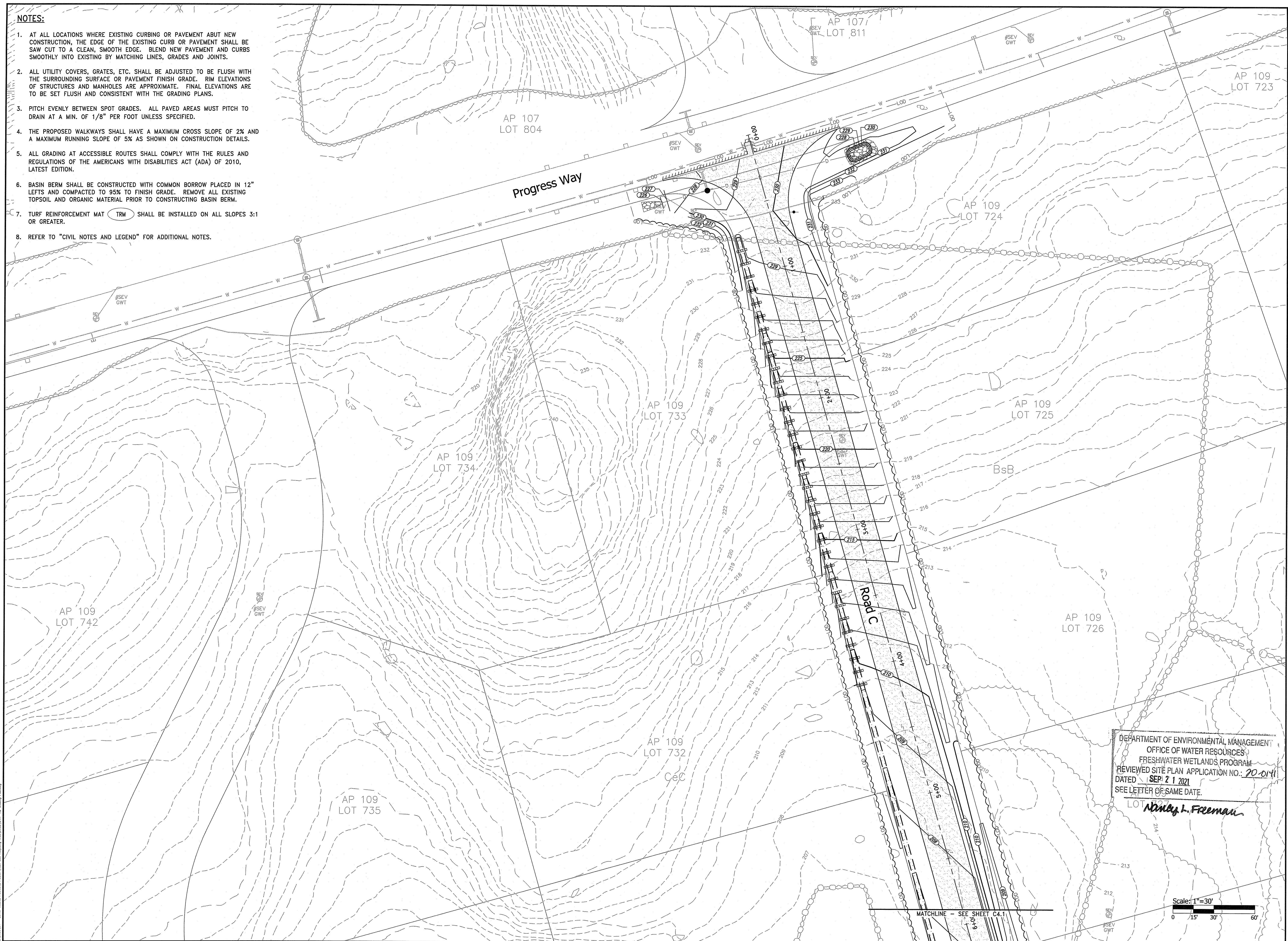
PROJECT NO.:	94139.01
DATE:	JUNE 24, 2020
SCALE:	1"=30'
DESIGNED BY:	ACB
CHECKED BY:	JHR
DRAWN BY:	AKL
APPROVED BY:	DLP
DRAWING TITLE:	

GRADING PLAN 1

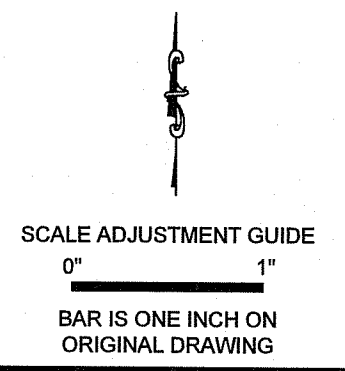
DRAWING NO.:  
**C4.1**  
SHEET NO. 7 OF 15

**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 "CIVIL NOTES AND LEGEND" FOR ADDITIONAL NOTES.

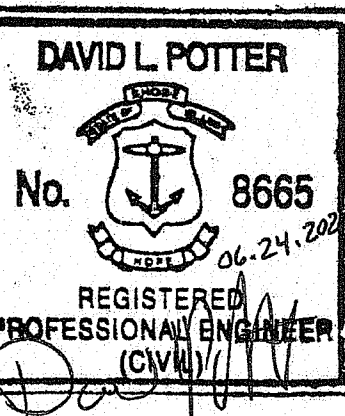


OWNER/APPLICANT:  
TOWN OF TIVERTON  
50 INDUSTRIAL WAY  
TIVERTON, RI 02876



# Recycling Depot Industrial Way and Progress Way

Tiverton, Rhode Island



REVISIONS:

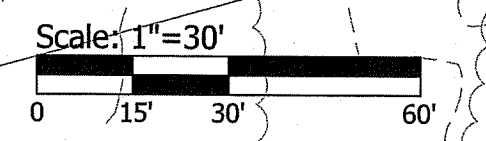
RI Environmental Management  
JUN 25 2021  
Office of Water Resources

PROJECT NO.: 94139.01  
DATE: JUNE 24, 2020  
SCALE: 1"=30'  
DESIGNED BY: ACB  
CHECKED BY: JHR  
DRAWN BY: AKL  
APPROVED BY: DLP  
DRAWING TITLE:

GRADING PLAN 2

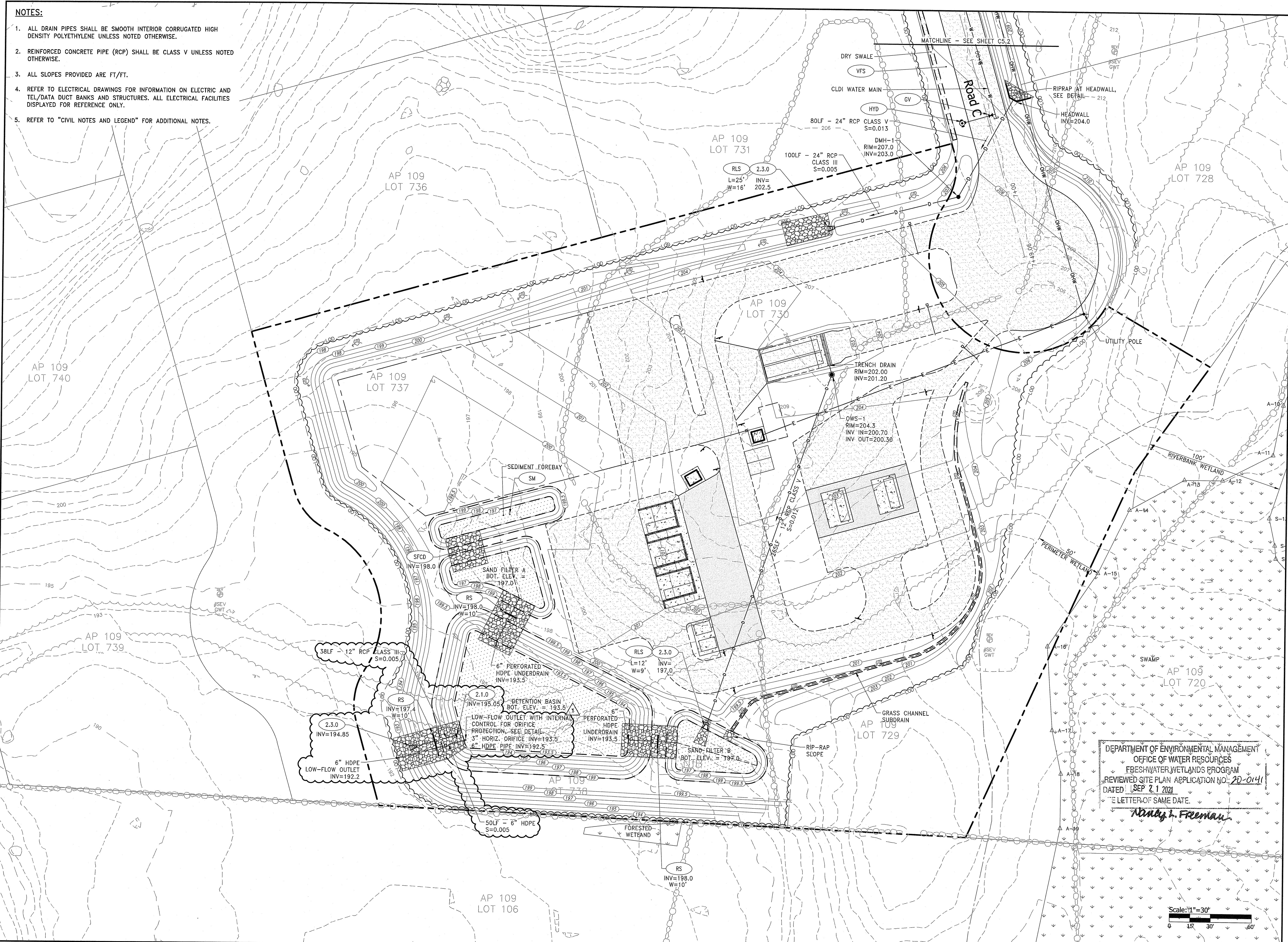
DRAWING NO.:  
**C4.2**  
SHEET NO. 8 OF 15

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT  
OFFICE OF WATER RESOURCES  
FRESHWATER WETLANDS PROGRAM  
REVIEWED SITE PLAN APPLICATION NO.: 20-014  
DATED: **SEP 21 2021**  
SEE LETTER OF SAME DATE.  
*NDing L. Freeman*

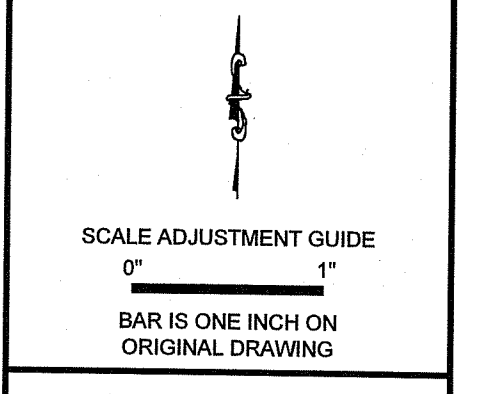


**NOTES:**

1. ALL DRAIN PIPES SHALL BE SMOOTH INTERIOR CORRUGATED HIGH DENSITY POLYETHYLENE UNLESS NOTED OTHERWISE.
2. REINFORCED CONCRETE PIPE (RCP) SHALL BE CLASS V UNLESS NOTED OTHERWISE.
3. ALL SLOPES PROVIDED ARE FT/FT.
4. REFER TO ELECTRICAL DRAWINGS FOR INFORMATION ON ELECTRIC AND TEL/DATA DUCT BANKS AND STRUCTURES. ALL ELECTRICAL FACILITIES DISPLAYED FOR REFERENCE ONLY.
5. REFER TO "CIVIL NOTES AND LEGEND" FOR ADDITIONAL NOTES.

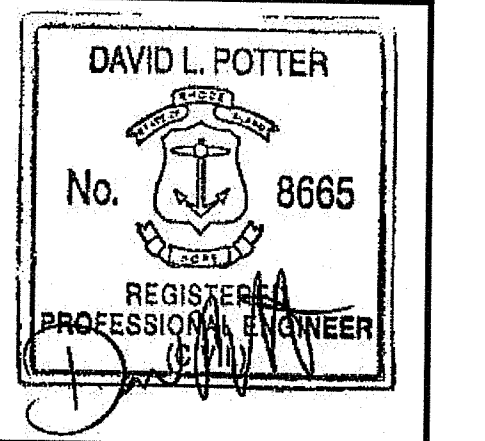


OWNER/APPLICANT:  
TOWN OF TIVERTON  
50 INDUSTRIAL WAY  
TIVERTON, RI 02878



# Recycling Depot Industrial Way and Progress Way

Tiverton, Rhode Island



REVISIONS:

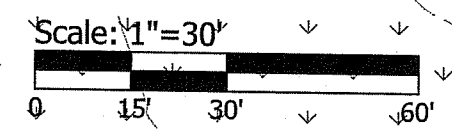
1	08/02/2021	RIDEM RTC
---	------------	-----------

RI Environmental Management  
AUG 04 2021  
Office of Water Resources

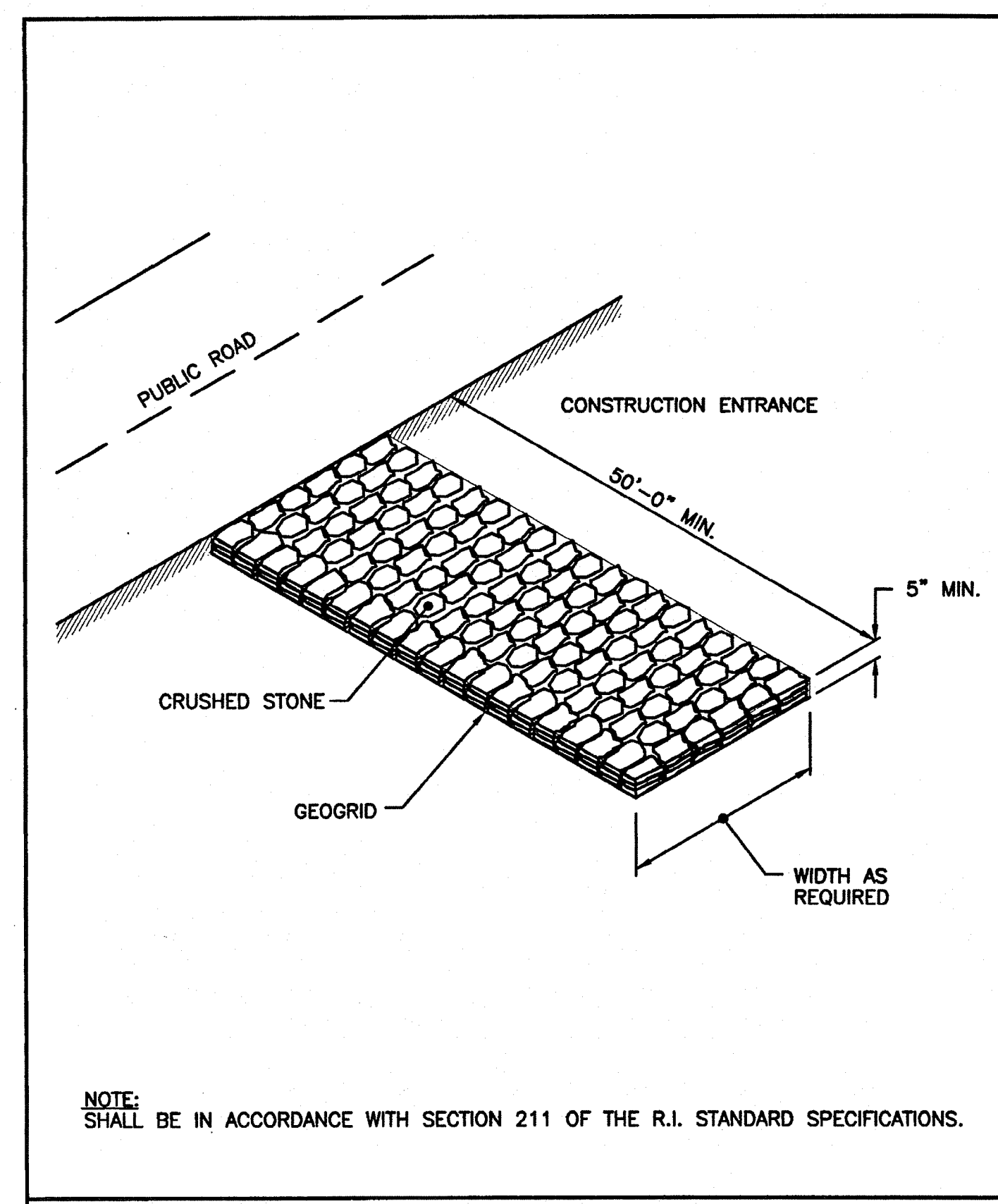
PROJECT NO.: 94139.01  
DATE: JUNE 24, 2020  
SCALE: 1"=30'  
DESIGNED BY: ACB  
CHECKED BY: JHR  
DRAWN BY: AKL  
APPROVED BY: DLP  
DRAWING TITLE:

DRAINAGE & UTILITY  
PLAN 1  
DRAWING NO.:  
**C5.1**  
SHEET NO. 9 OF 15

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT  
OFFICE OF WATER RESOURCES  
FRESHWATER WETLANDS PROGRAM  
REVIEWED SITE PLAN APPLICATION NO. 20-0141  
DATED SEP 21 2021  
BY LETTER OF SAME DATE.  
*Nancy L. Freeman*







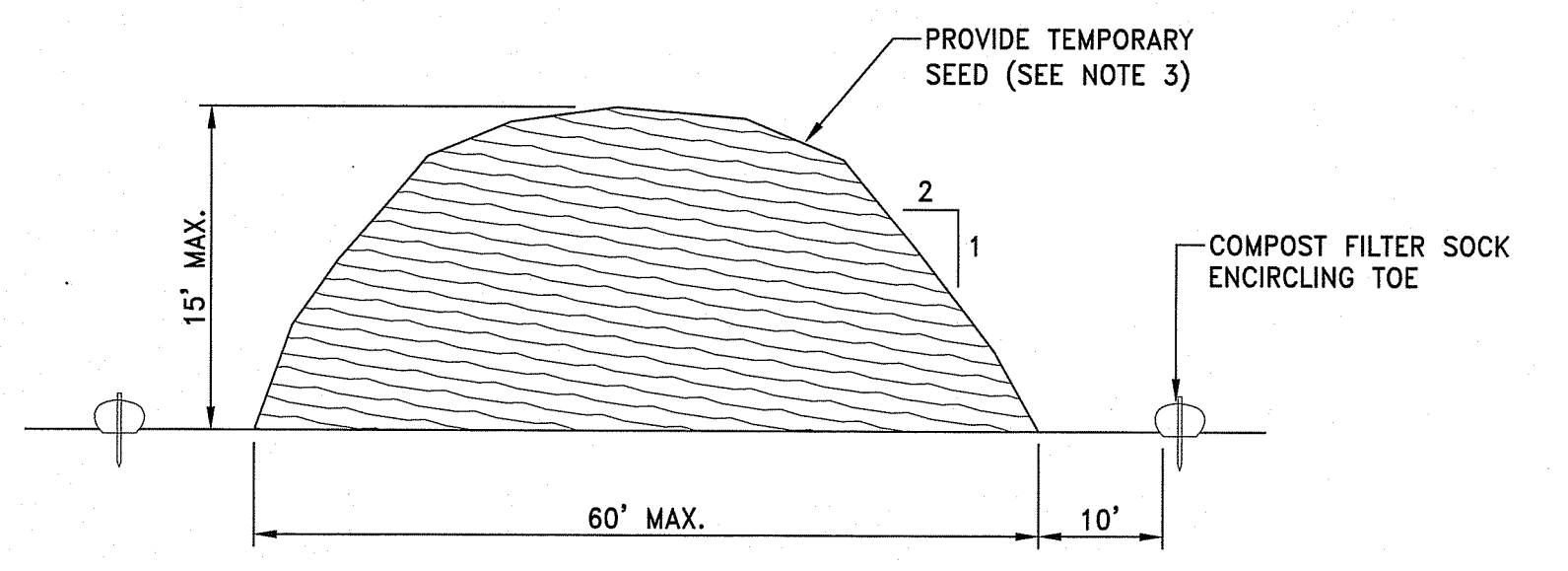
NOTE: SHALL BE IN ACCORDANCE WITH SECTION 211 OF THE R.I. STANDARD SPECIFICATIONS.

RHODE ISLAND DEPARTMENT OF TRANSPORTATION

REVISIONS		
NO.	BY	DATE

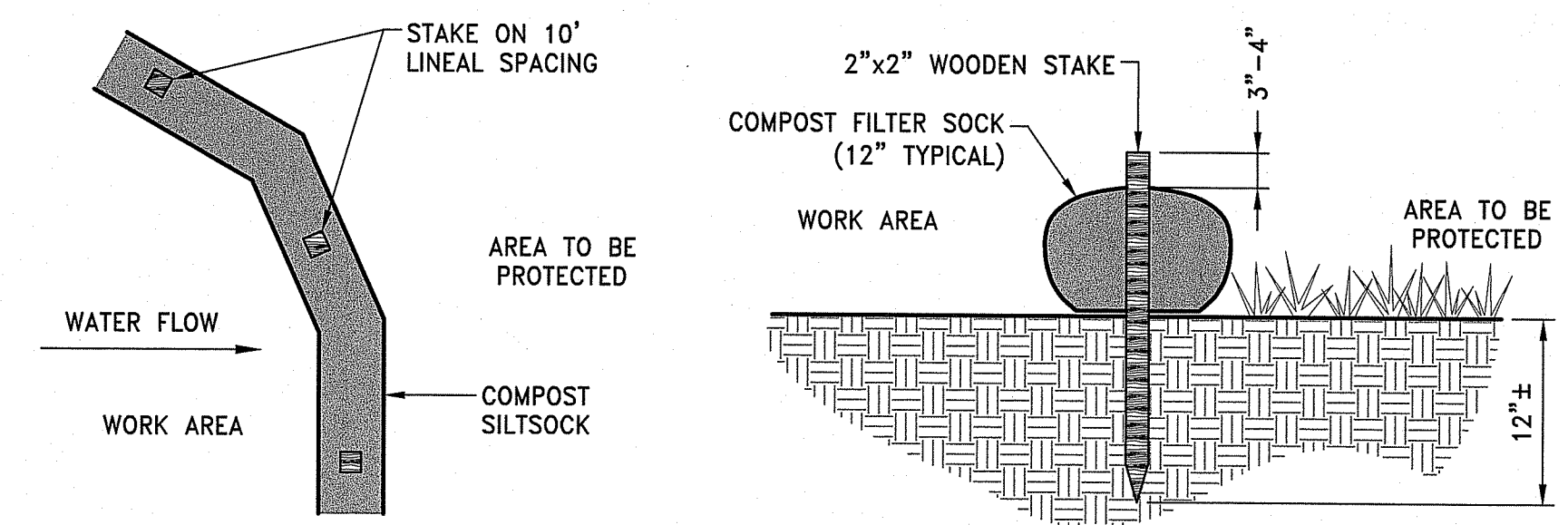
**CONSTRUCTION ACCESS**

Joseph M. Lynde, Chief Engineer, Transportation  
 Edward P. Babin, Chief Design Engineer, Transportation  
 JUNE 15, 1998  
 R.I. STANDARD 9.9.0



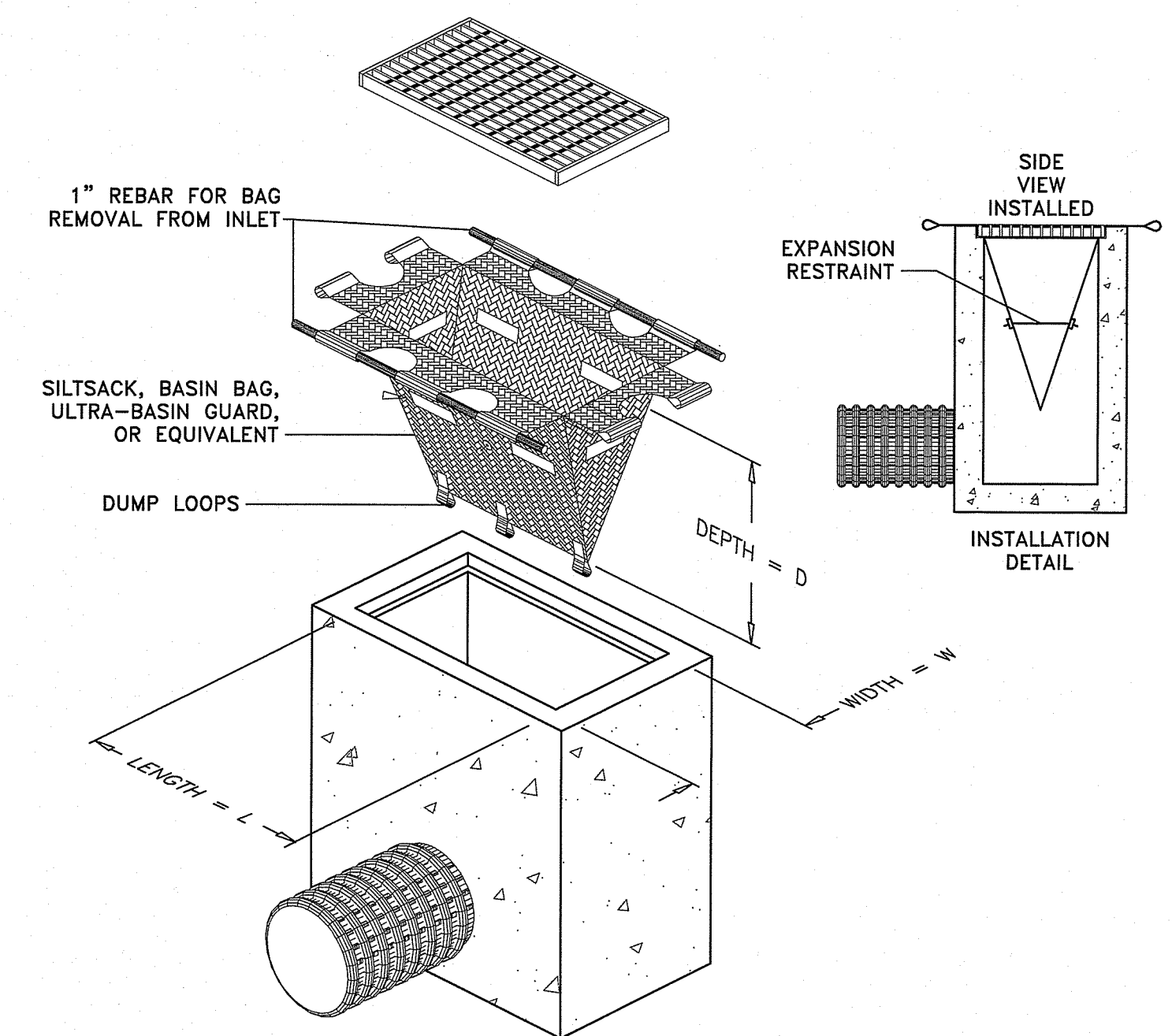
- NOTES:**
- PRIOR TO CONSTRUCTION THE CONTRACTOR SHALL PREPARE A PLAN SHOWING THE PROPOSED LOCATION OF ALL STOCKPILE AREAS.
  - STOCKPILE AREA SHALL NOT EXCEED SPECIFIED DIMENSIONS WITHOUT APPROVAL FROM ENGINEER.
  - STOCKPILED ERODIBLE MATERIAL THAT WILL NOT BE USED FOR GREATER THAN 14 DAYS SHALL BE STABILIZED WITH TEMPORARY SEED IMMEDIATELY FOLLOWING PLACEMENT.

**ERODIBLE MATERIAL STOCKPILE**  
 NOT TO SCALE



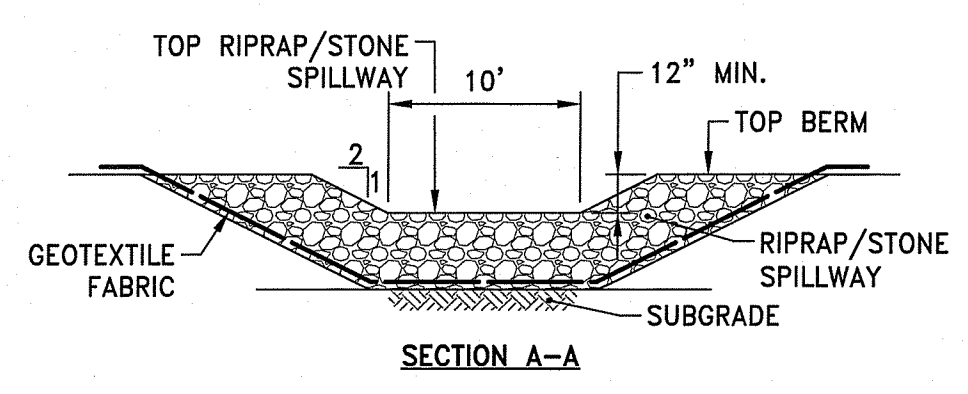
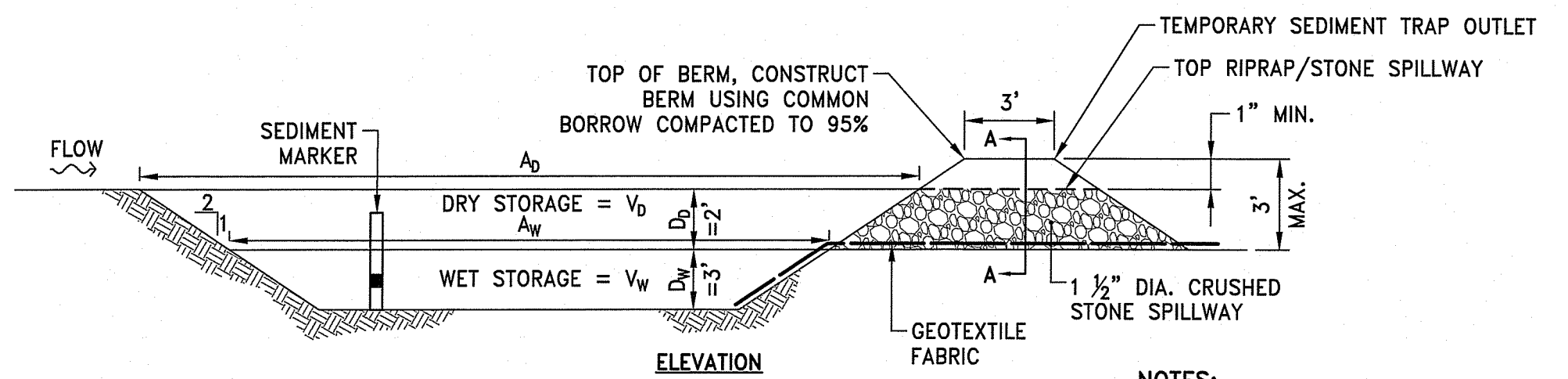
- NOTES:**
- COMPOST/ SOIL/ ROCK/ SEED FILL TO MEET APPLICATION REQUIREMENTS.
  - COMPOST MATERIAL TO BE REMOVED OR DISPERSED ON SITE AS DETERMINED BY ENGINEER.
  - IF SOCK NETTING MUST BE JOINED, FIT BEGINNING OF NEW SOCK OVER END OF OLD SOCK, OVERLAPPING BY 2 FEET AND STACK OVERLAP. IF SOCK NETTING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

**CFS COMPOST FILTER SOCK DETAIL**  
 NOT TO SCALE



- NOTE:**
- INLET PROTECTION SHALL BE CLEANED OF SILT AND DEBRIS ON A REGULAR BASIS.
  - INSPECTIONS SHALL BE DONE AFTER EACH RAIN EVENT AND AT A MINIMUM EVERY TWO WEEKS.

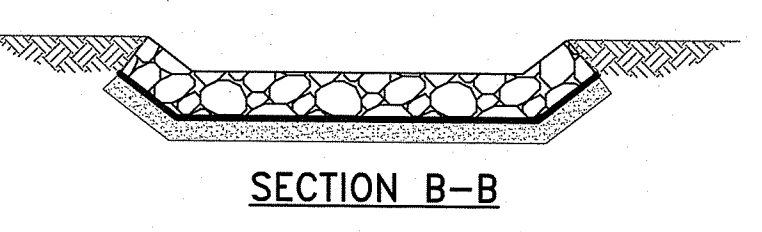
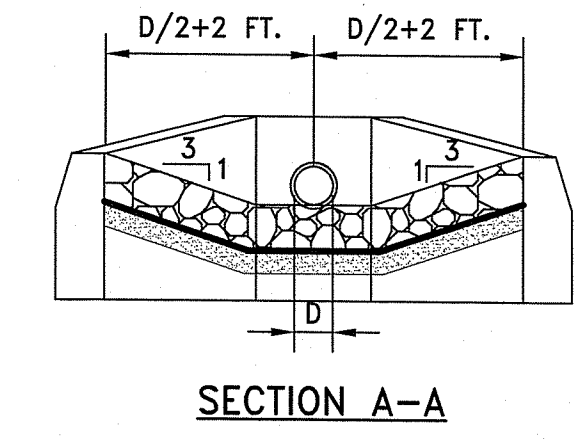
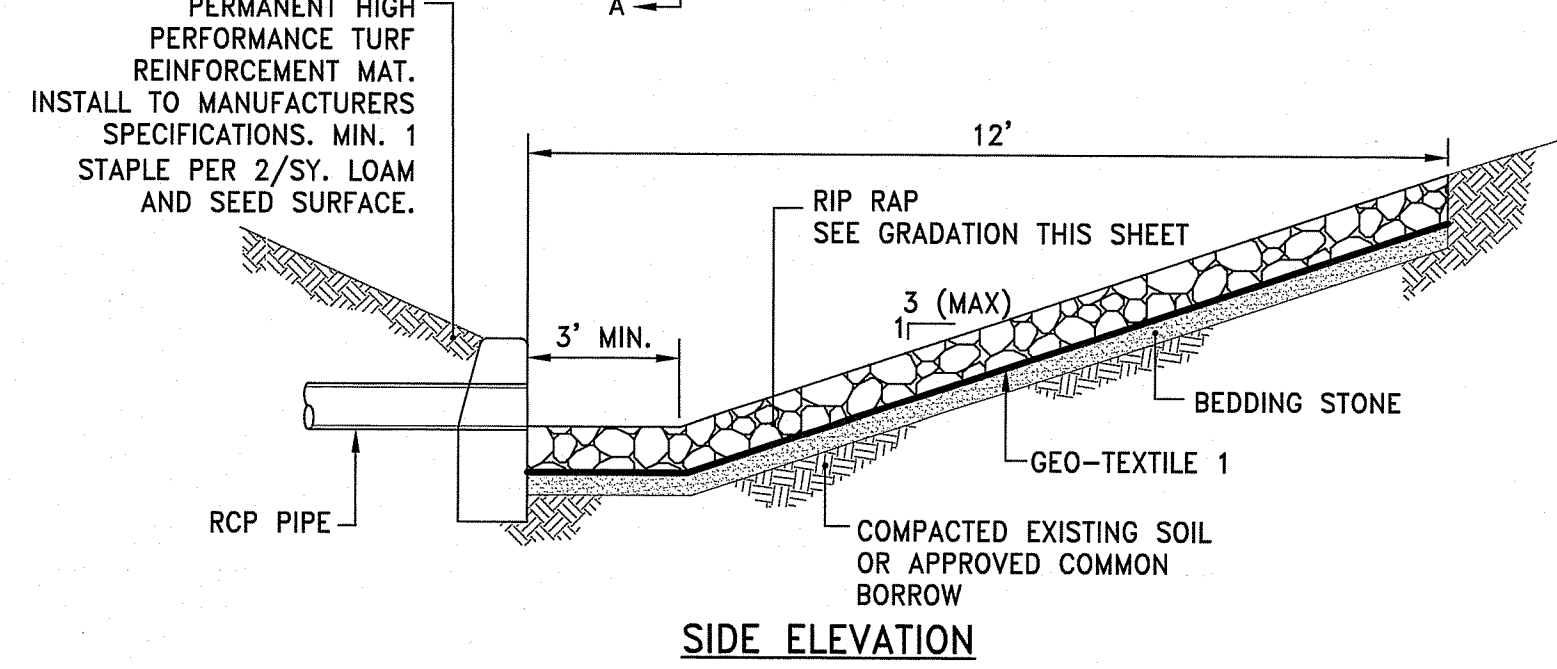
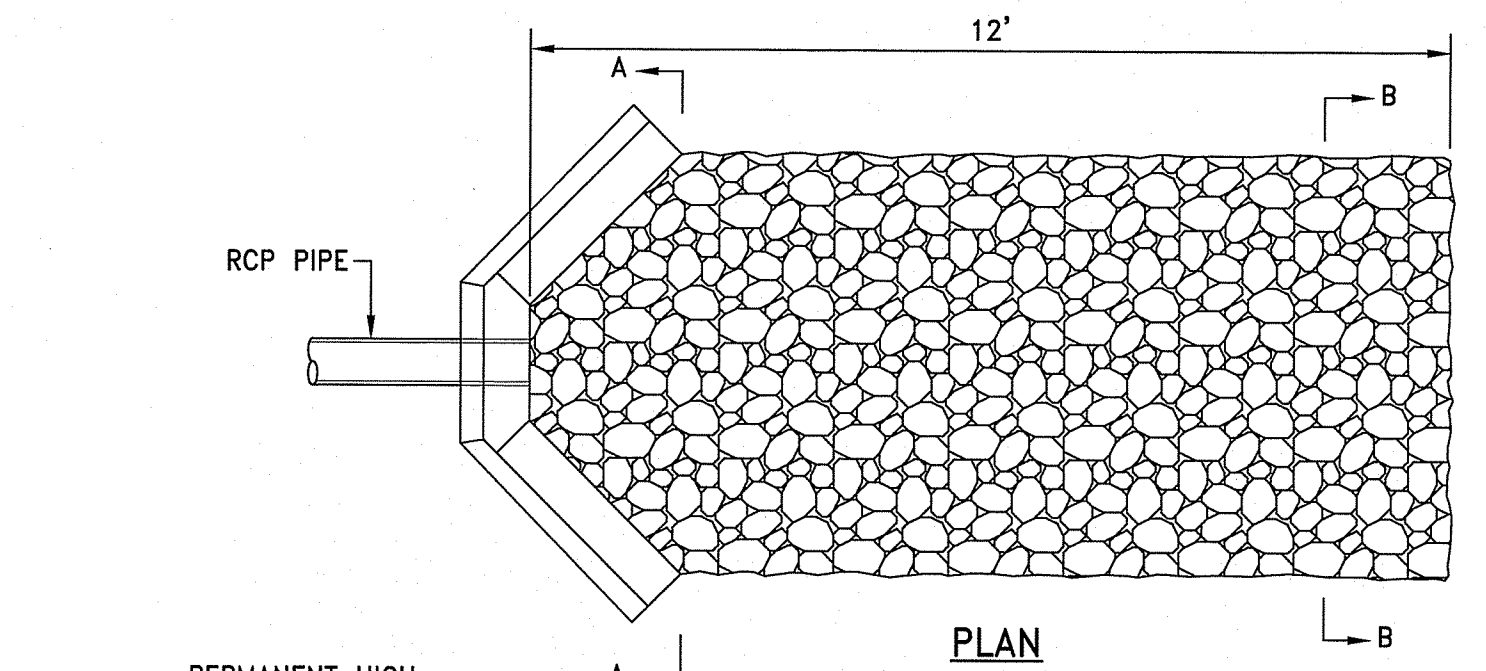
**TIP TEMPORARY INLET PROTECTION DETAIL**  
 NOT TO SCALE



	L <sub>w</sub> (FT)	W <sub>w</sub> (FT)	A <sub>w</sub> (SF)	V <sub>w</sub> (CF)	V <sub>D</sub> (CF)	TOTAL STORAGE V <sub>w</sub> + V <sub>D</sub> (CF)
TST 1	95	28	2,660	6,783	5,828	12,611
TST 2	90	15	1,350	3,442	3,136	6,579

- NOTES:**
- TEMPORARY SEDIMENT TRAPS SHALL BE CLEANED OR REMOVED EVERY 6 MONTHS.
  - RIPRAP SHALL MEET RIDOT STANDARD SPECIFICATION M.10.03.2.
  - STONE SHALL MEET RIDOT STANDARD SPECIFICATION M.01.09 TABLE I, COLUMN V (FILTER STONE).
  - SEDIMENT MARKER SHALL BE INSTALLED SUCH THAT TOP OF BLACK ENAMEL BAND IS 1.5' FROM THE BOTTOM OF THE SEDIMENT TRAP.
  - REFER TO SOIL EROSION AND SEDIMENT CONTROL PLANS FOR LIMITS OF A<sub>D</sub> AND A<sub>W</sub>.
  - GEOTEXTILE FABRIC SHALL BE MIRAFI 140N OR APPROVED EQUIVALENT.

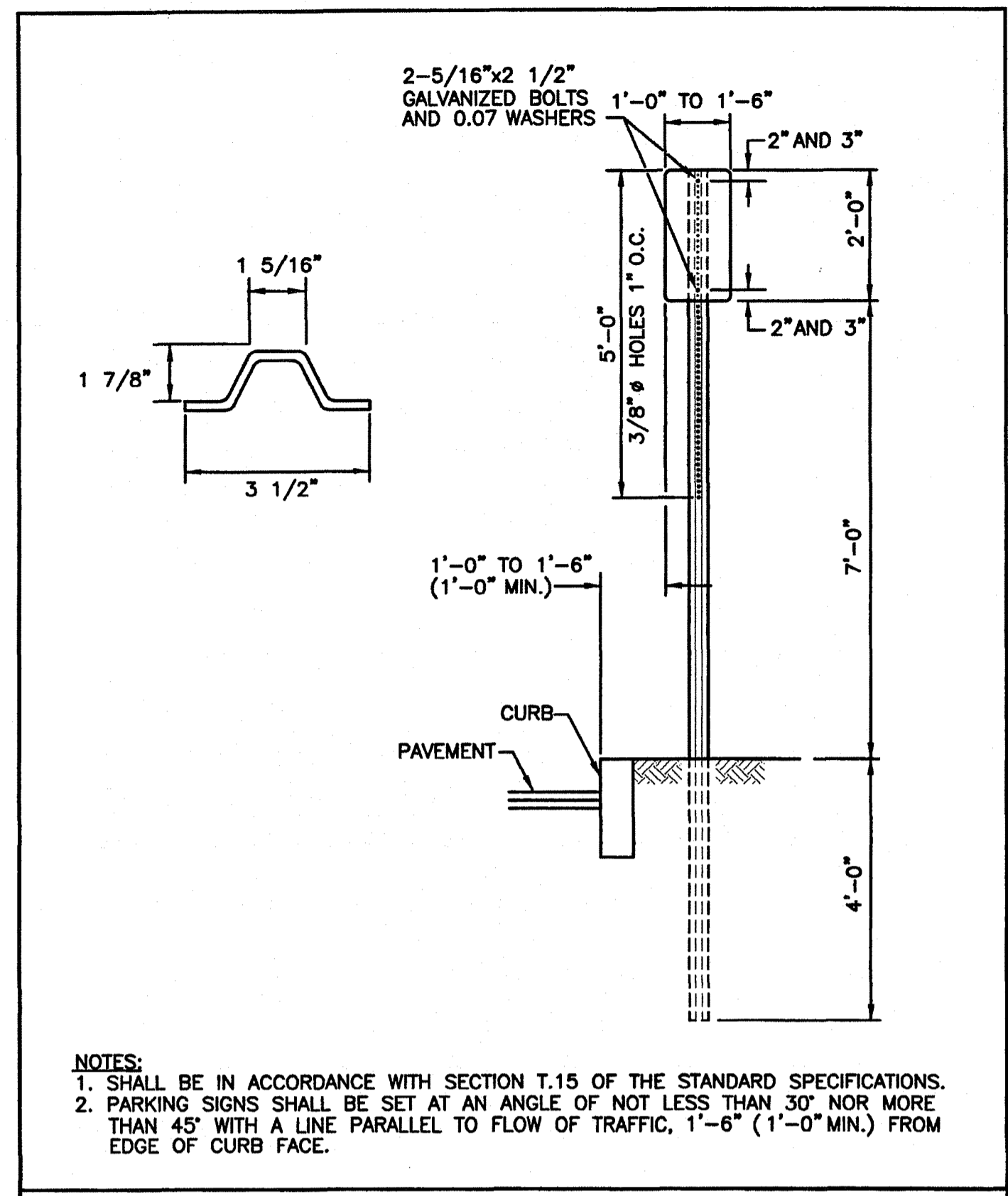
**TST TEMPORARY SEDIMENT TRAP DETAIL**  
 NOT TO SCALE



- RIPRAP AT HEADWALLS GRADATION
- D85=15"
  - D50=9"
  - D15=3"
- WHERE:  
 D85=SIZE BY WHICH ONLY 15% OF ALL STONE BY TOTAL WEIGHT IS LARGER.  
 D50=MEDIAN STONE DIAMETER  
 D15=SIZE BY WHICH ONLY 15% OF STONE BY TOTAL WEIGHT IS SMALLER.

**RIPRAP AT HEADWALL**  
 NOT TO SCALE

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT  
 OFFICE OF WATER RESOURCES  
 FRESHWATER WETLANDS PROGRAM  
 REVIEWED SITE PLAN APPLICATION NO.: 20-041  
 DATED SEP 21 2021  
 SEE LETTER OF SAME DATE.  
*Nancy L. Freeman*



RHODE ISLAND DEPARTMENT OF TRANSPORTATION

REVISIONS		
NO.	BY	DATE

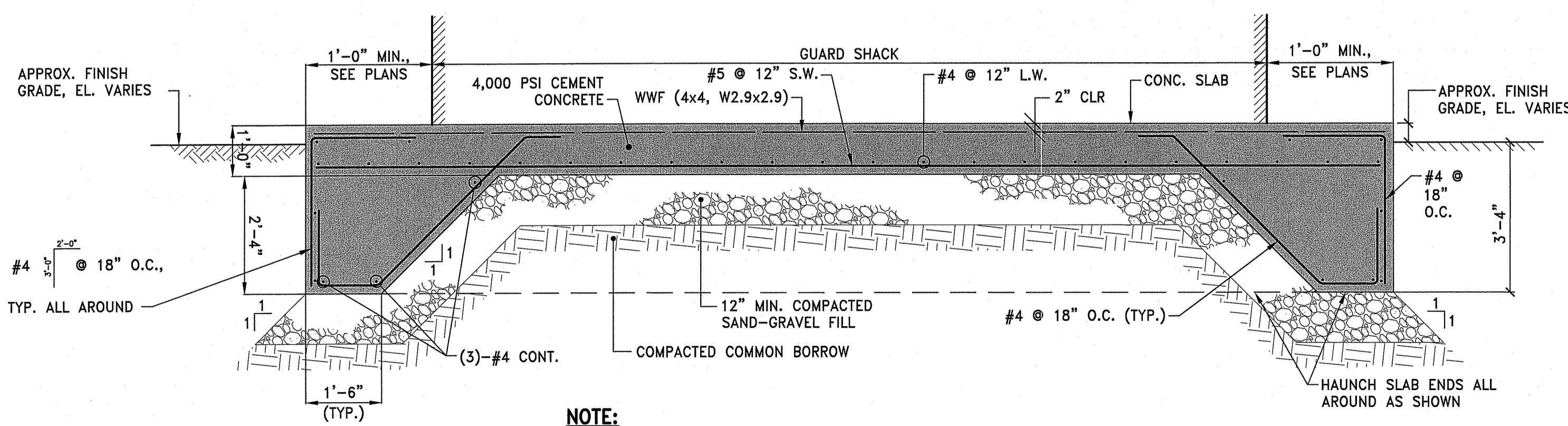
**PARKING SIGN MOUNTING DETAIL**

June 15, 1998  
 R.I. STANDARD 24.6.0

LEGEND	DESIGNATION	SIZE
	R1-1	(30" x 30")
	R5-1	(24" x 24") (30" x 30")
	GENERAL DIRECTIONAL SIGN, REFER TO PLANS FOR TEXT	(24" x 18") OR AS REQUIRED

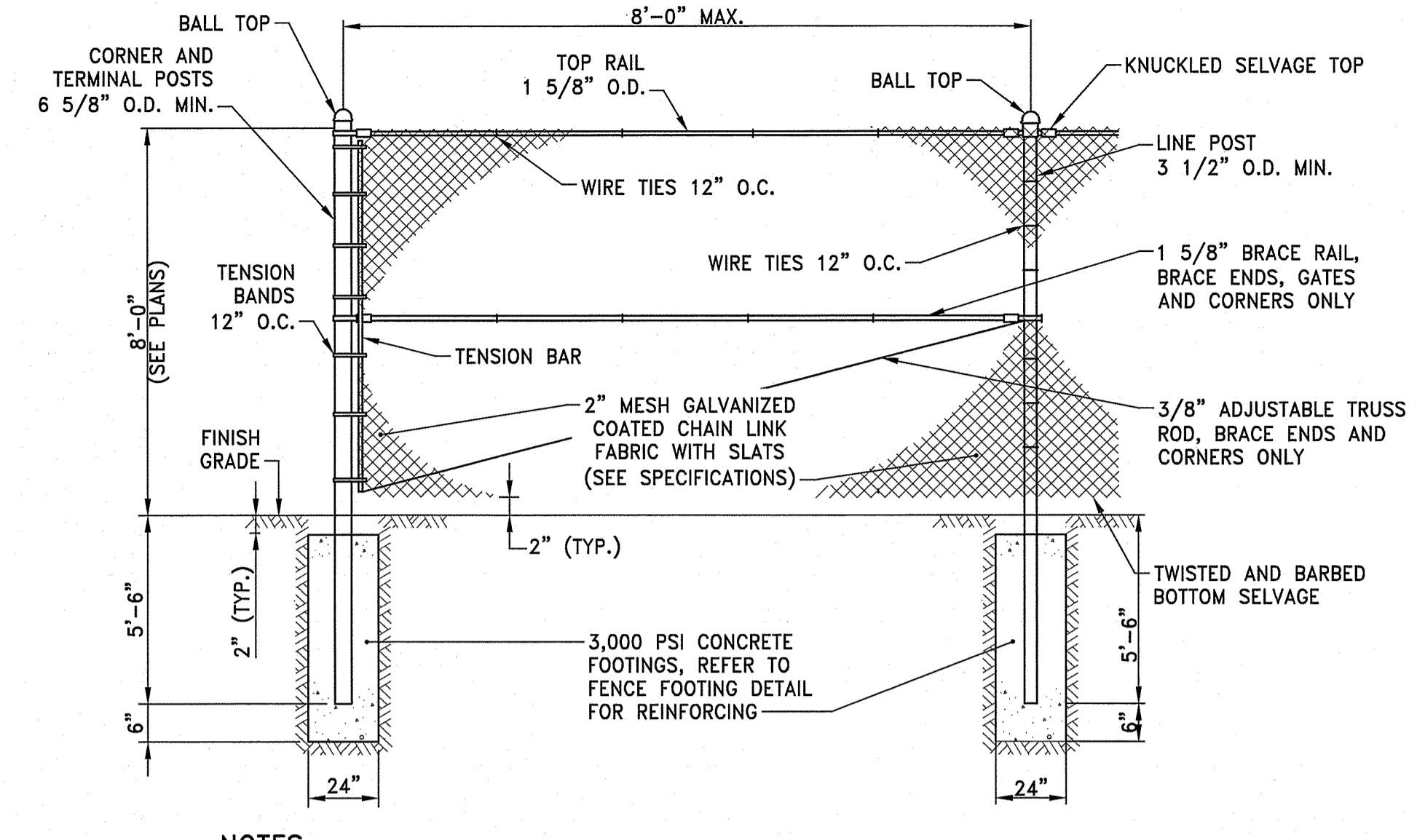
- NOTE:**
- SIGNS SHALL BE CONSTRUCTED OF TYPE III REFLECTORIZED SHEETING AND IN ACCORDANCE WITH MUTCD REQUIREMENTS, LATEST REVISION.
  - THE CONTRACTOR SHALL SUBMIT SAMPLE SIGNS TO THE OWNER FOR APPROVAL PRIOR TO FURNISHING.
  - LETTERS, COLOR, AND FONT FOR NON-STANDARD SIGNS SHALL BE SELECTED BY THE OWNER.
  - ALL SIGN MOUNTING SHALL CONFORM TO R.I. STD. DETAIL 24.2.0 EXCEPT R7-8 AND R7-8P. R7-8 AND R7-8P SHALL CONFORM TO ACCESSIBLE SIGN MOUNTING DETAIL.

**SIGN SCHEDULE**



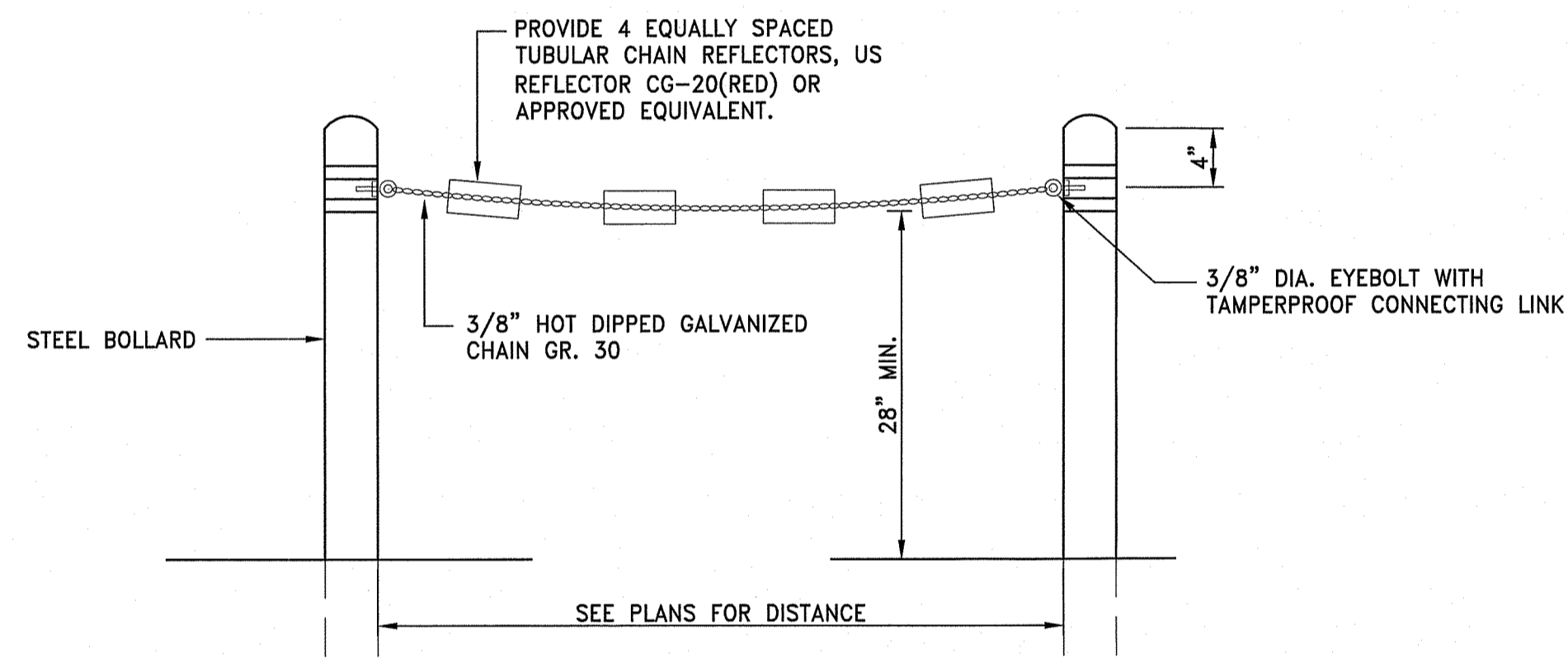
- NOTE:**
- CONTRACTOR SHALL COORDINATE AND PROVIDE OPENINGS IN THE FOUNDATION SLAB FOR CONDUITS AND ALL OTHER REQUIRED UTILITIES.
  - MANUFACTURER TO PROVIDE DETAIL TO ATTACH BUILDING TO SLAB.

**GUARD SHACK CONCRETE PAD DETAIL**  
 NOT TO SCALE



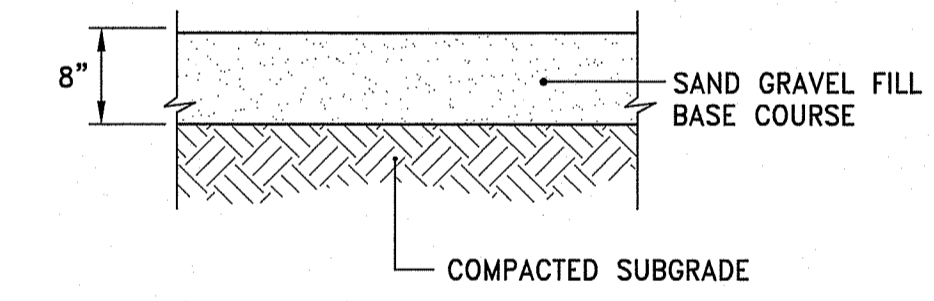
- NOTES:**
- FENCE SHALL BE DESIGNED BY FENCE MANUFACTURER TO WITHSTAND LOCAL WIND LOADS AND OTHER ENVIRONMENTAL FACTORS.
  - CONTRACTOR SHALL INCLUDE PROFILE OF FENCE DEPICTING POST SPACING, HEIGHT, FINISH GRADE, AND TOP OF FENCE ELEVATION FOR REVIEW BY OWNER'S REPRESENTATIVE.

**CLF CHAIN LINK FENCE**  
 NOT TO SCALE

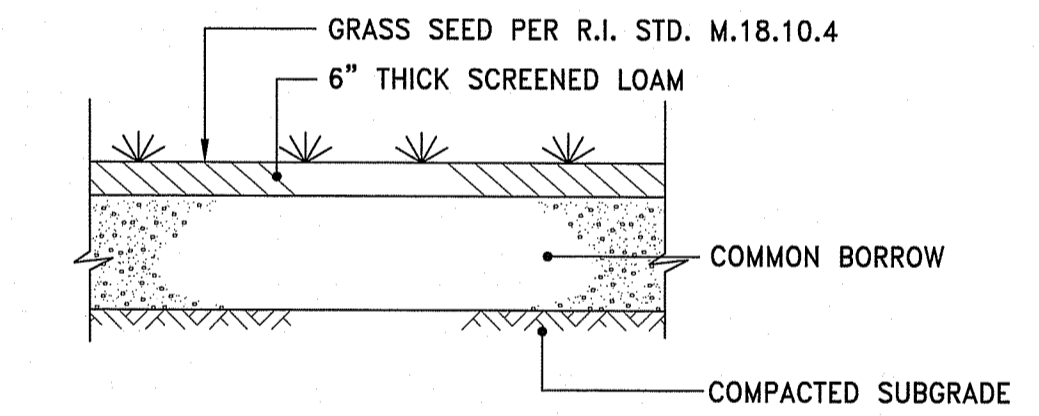


- NOTES:**
- PROVIDE 3/8" HOT DIPPED GALVANIZED CHAIN GR. 30 BETWEEN EXISTING BOLLARDS.

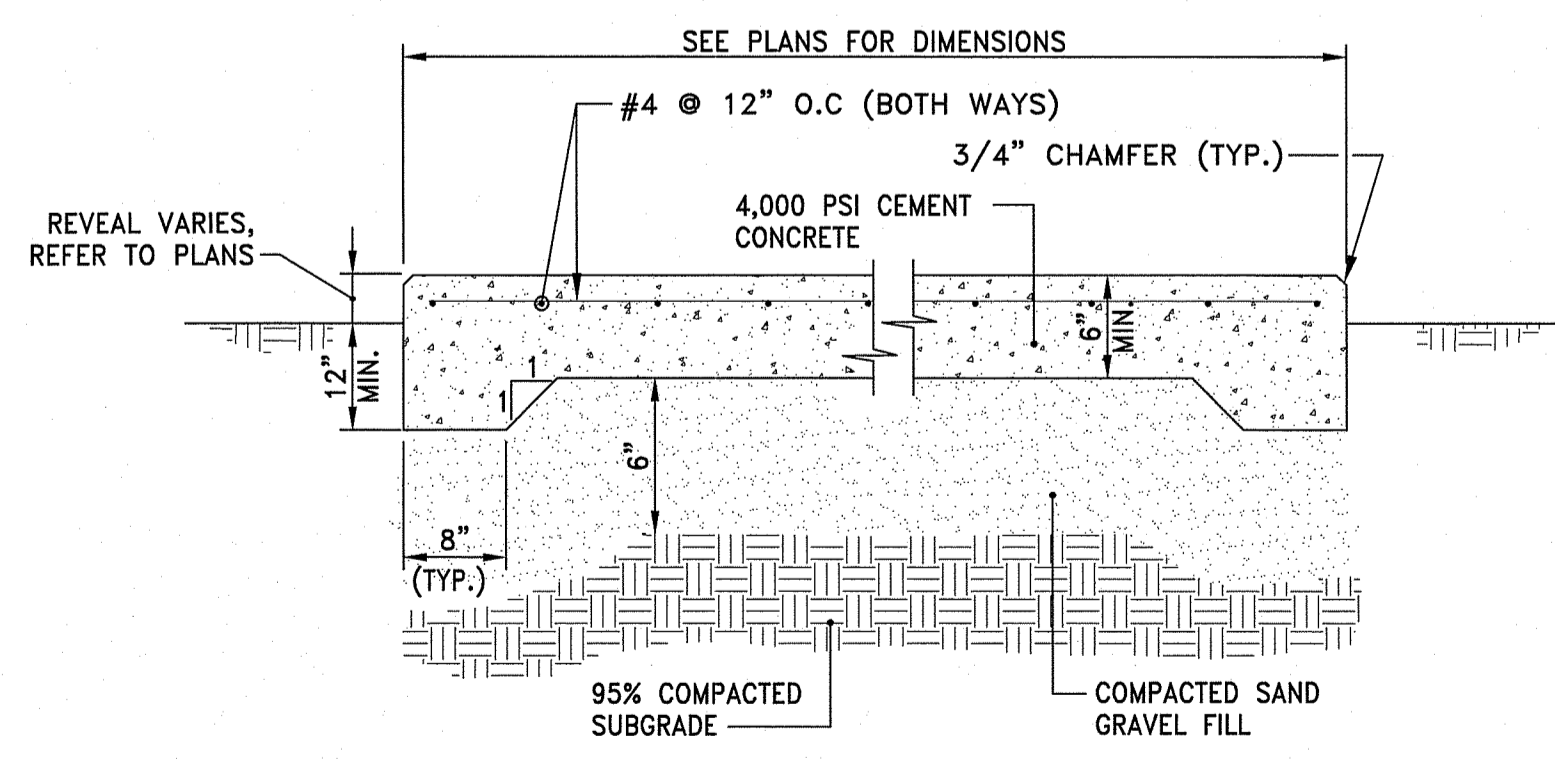
**CONCRETE BOLLARDS WITH CHAIN**  
 NOT TO SCALE



**G GRAVEL DRIVE DETAIL**  
 NOT TO SCALE

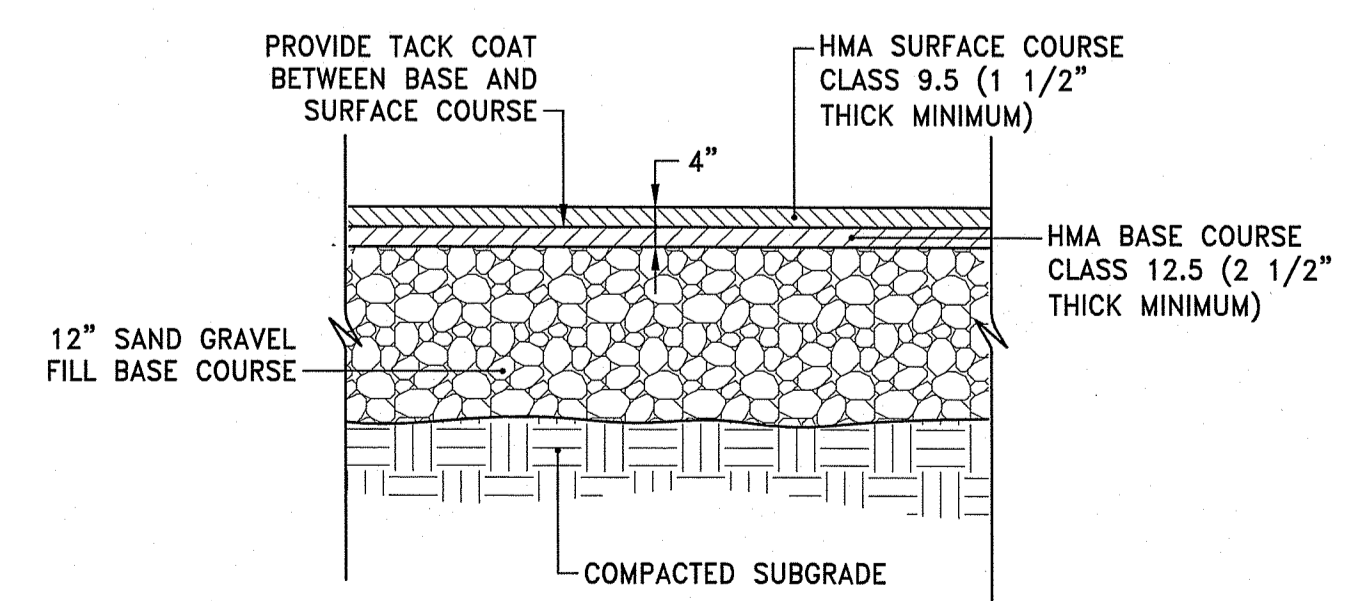


**LS LOAM & SEED DETAIL**  
 NOT TO SCALE



- NOTES:**
- REINFORCING TO BE #4 GRADE 60 BARS AND SHALL CONFORM TO ASTM STANDARD A-615 OF THE LATEST DATA. REINFORCING RODS TO BE LOCATED IN THE CENTER OF THE SLAB, WITH A MINIMUM OF 2" CLEARANCE FROM FACE OF CONCRETE.
  - CONTRACTOR SHALL COORDINATE LOCATIONS OF OPENINGS, FENCE POSTS, OR OTHER FEATURES IN SLAB.

**CP CEMENT CONCRETE PAD**  
 NOT TO SCALE

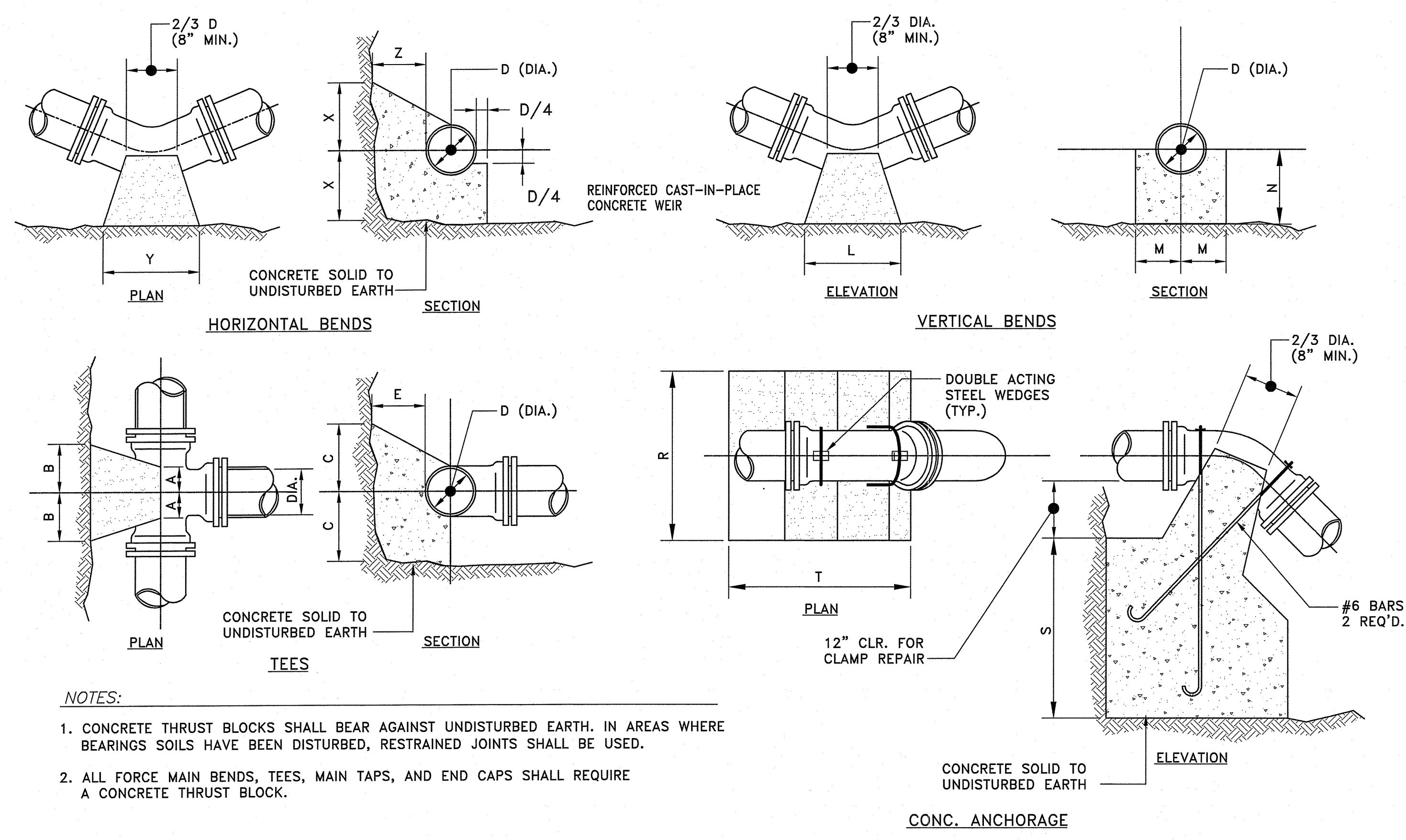


- NOTE:**
- SUBMIT JOB MIX FORMULAS TO ENGINEER FOR APPROVAL PRIOR TO PLACEMENT.

**HMA HOT MIX ASPHALT PAVEMENT**  
 NOT TO SCALE

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT  
 OFFICE OF WATER RESOURCES  
 FRESHWATER WETLANDS PROGRAM  
 REVIEWED SITE PLAN APPLICATION NO.: 20-0141  
 DATED: SEP 21 2021  
 BY: LETTER OF SAME DATE.  
*Nancy L. Freeman*

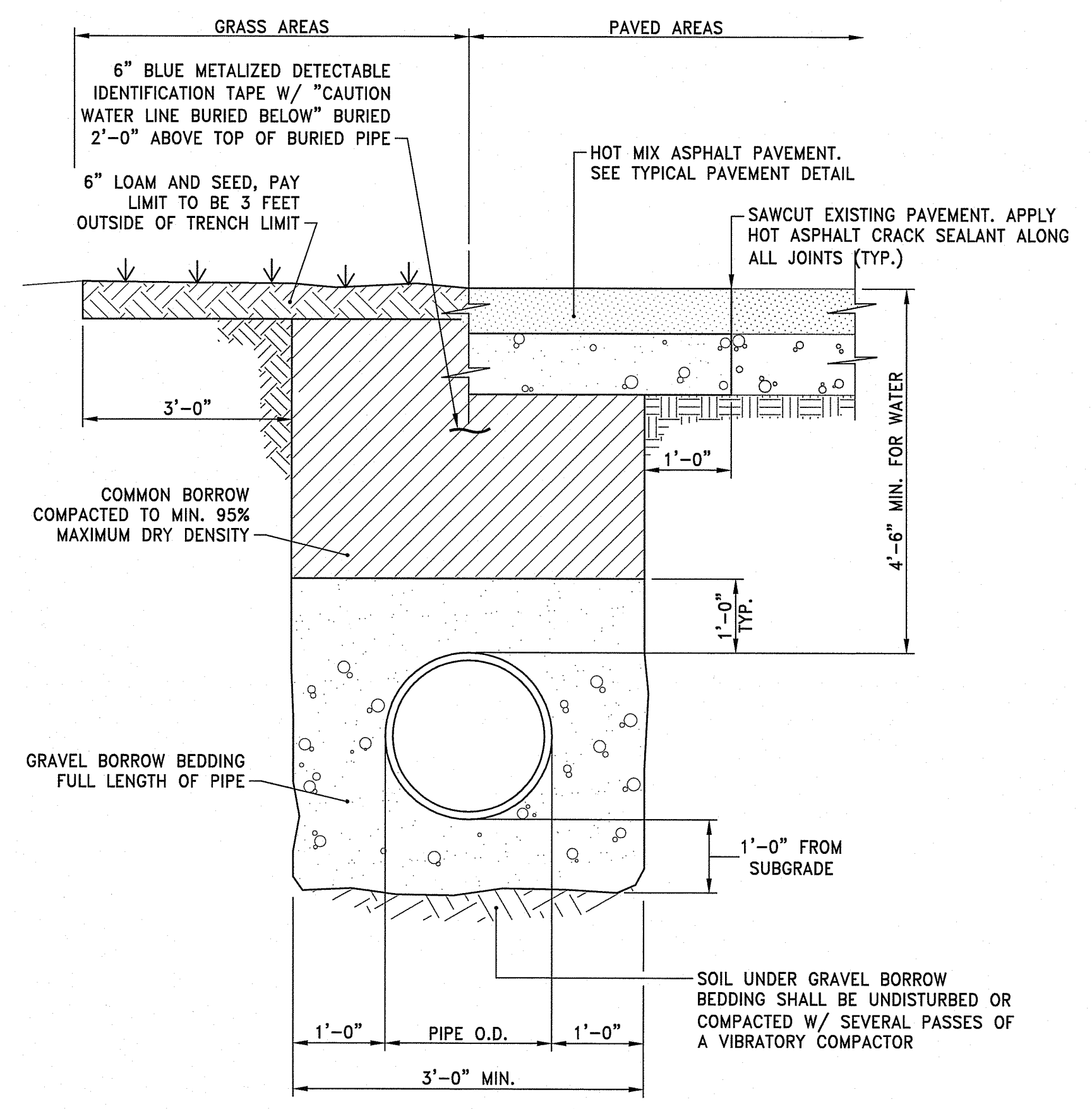
**Recycling Depot**  
**Industrial Way and Progress Way**  
 Tiverton, Rhode Island



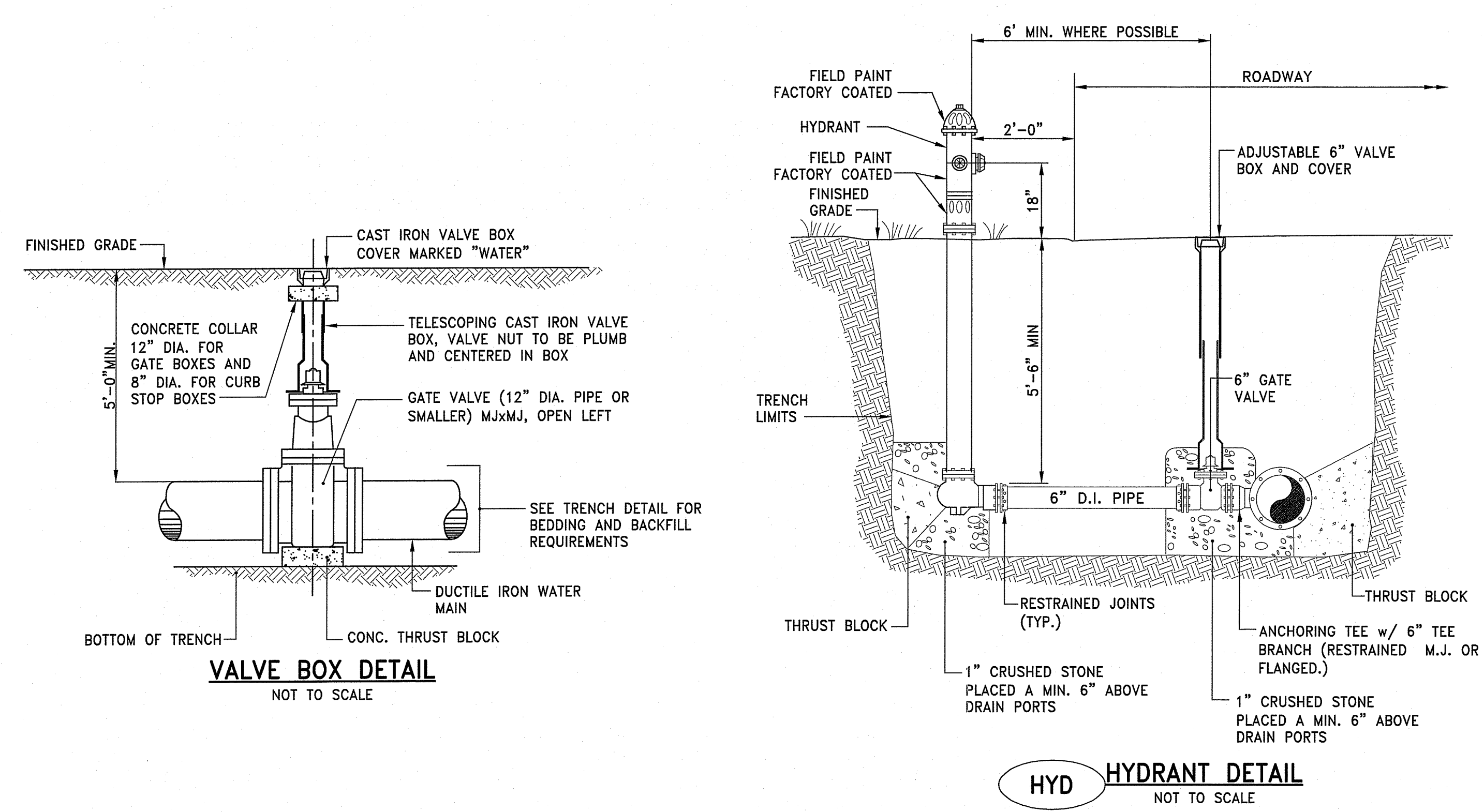
- NOTES:**
1. CONCRETE THRUST BLOCKS SHALL BEAR AGAINST UNDISTURBED EARTH. IN AREAS WHERE BEARINGS SOILS HAVE BEEN DISTURBED, RESTRAINED JOINTS SHALL BE USED.
  2. ALL FORCE MAIN BENDS, TEES, MAIN TAPS, AND END CAPS SHALL REQUIRE A CONCRETE THRUST BLOCK.

TEES					HORIZONTAL BENDS					VERTICAL BENDS					ANCHORAGES														
PIPE SIZE-D (DIA.)					PIPE SIZE-D (DIA.)					PIPE SIZE-D (DIA.)					PIPE SIZE-D (DIA.)														
	6"	8"	12"	16"	20"	BEND	6"	8"	12"	16"	20"	BEND	6"	8"	12"	16"	20"	BEND	6"	8"	12"	16"	20"	BEND	6"	8"	12"	16"	20"
A	8"	10"	1'-0"	1'-3"	1'-6"	X	1'-0"	1'-0"	1'-0"	1'-3"	1'-6"	L	1'-3"	1'-8"	2'-6"	3'-6"	4'-8"	R	2'-6"	3'-0"	4'-6"	5'-4"	6'-0"	R	2'-6"	3'-0"	4'-6"	5'-4"	6'-0"
B	8"	10"	1'-2"	1'-4"	1'-6"	Y	1'-0"	1'-0"	2'-0"	2'-6"	3'-0"	M	7"	8"	11"	1'-4"	1'-6"	S	2'-6"	2'-9"	3'-6"	2'-6"	3'-6"	S	2'-6"	2'-9"	3'-6"	2'-6"	3'-6"
C	10"	1'-0"	1'-3"	1'-6"	1'-8"	Z	8"	10"	1'-2"	1'-4"	1'-6"	N	7"	8"	11"	1'-4"	1'-6"	T	3'-0"	4'-0"	4'-9"	2'-0"	3'-6"	T	3'-0"	4'-0"	4'-9"	2'-0"	3'-6"
E	8"	10"	1'-2"	1'-6"	1'-10"	Y	1'-0"	1'-4"	1'-0"	1'-3"	1'-6"	L	8"	9"	1'-0"	1'-9"	3'-0"	S	1'-9"	2'-3"	2'-6"	3'-2"	3'-8"	S	1'-9"	2'-3"	2'-6"	3'-2"	3'-8"
						Z	8"	10"	1'-2"	1'-4"	1'-6"	M	7"	7"	10"	1'-0"	1'-2"	T	2'-6"	3'-4"	4'-0"	6'-0"	6'-6"	T	2'-6"	3'-4"	4'-0"	6'-0"	6'-6"
						Y	1'-0"	1'-0"	1'-0"	1'-2"	1'-4"	L	6"	8"	1'-0"	1'-4"	1'-9"	R	1'-6"	2'-0"	3'-0"	3'-8"	4'-3"	R	1'-6"	2'-0"	3'-0"	3'-8"	4'-3"
						Z	8"	10"	1'-2"	1'-4"	1'-6"	M	7"	7"	10"	1'-0"	1'-2"	S	1'-3"	1'-9"	2'-0"	2'-4"	2'-6"	S	1'-3"	1'-9"	2'-0"	2'-4"	2'-6"
												N	7"	7"	8"	10"	1'-0"	T	2'-0"	2'-6"	3'-0"	4'-6"	5'-8"	T	2'-0"	2'-6"	3'-0"	4'-6"	5'-8"

**CONCRETE THRUST BLOCKS**  
 NOT TO SCALE

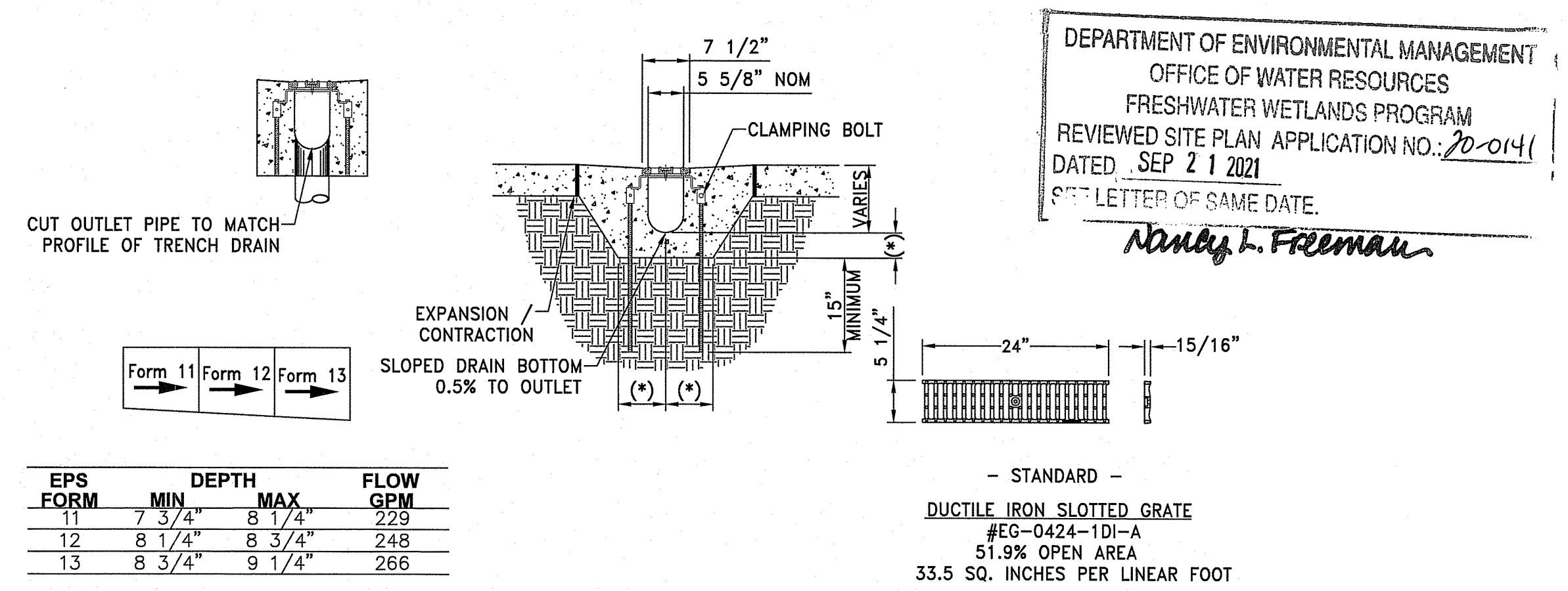


**WATER MAIN TRENCH DETAIL**  
 NOT TO SCALE



**VALVE BOX DETAIL**  
 NOT TO SCALE

**HYD HYDRANT DETAIL**  
 NOT TO SCALE



**TD TRENCH DRAIN DETAIL**  
 NOT TO SCALE

- CONSTRUCTION NOTES:**
1. INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURERS SPECIFICATIONS.
  2. SECURE OUTLET PIPE PRIOR TO CONCRETING OPERATIONS.
  3. FOR ILLUSTRATION ONLY - DO NOT SCALE

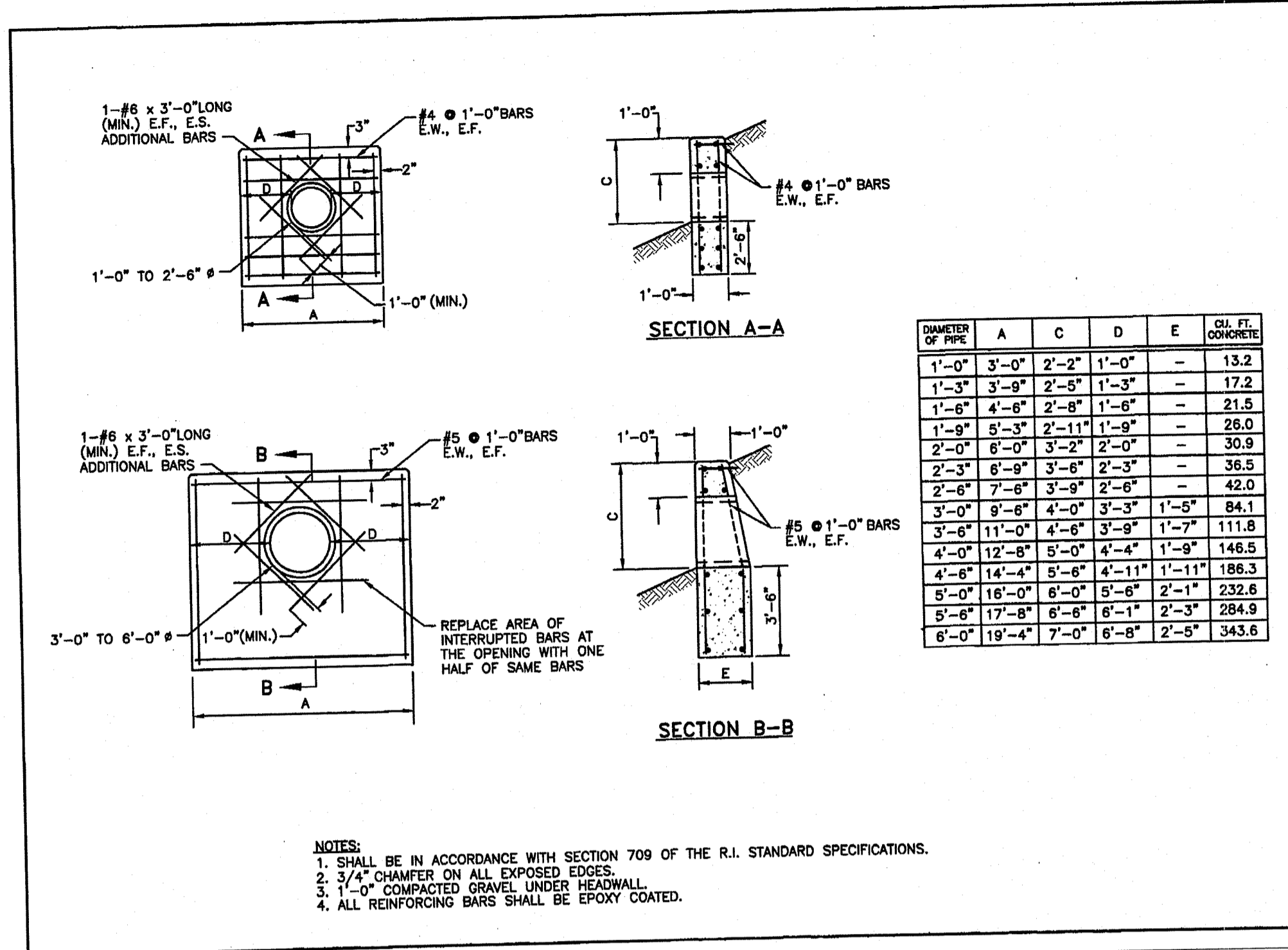
DEPARTMENT OF ENVIRONMENTAL MANAGEMENT  
 OFFICE OF WATER RESOURCES  
 FRESHWATER WETLANDS PROGRAM  
 REVIEWED SITE PLAN APPLICATION NO. 20-0141  
 DATED SEP 21 2021  
 SEE LETTER OF SAME DATE.  
*Nancy L. Freeman*

**DAVID L. POTTER**  
 No. 8665  
 REGISTERED PROFESSIONAL ENGINEER (CIVIL)  
 06.24.2022

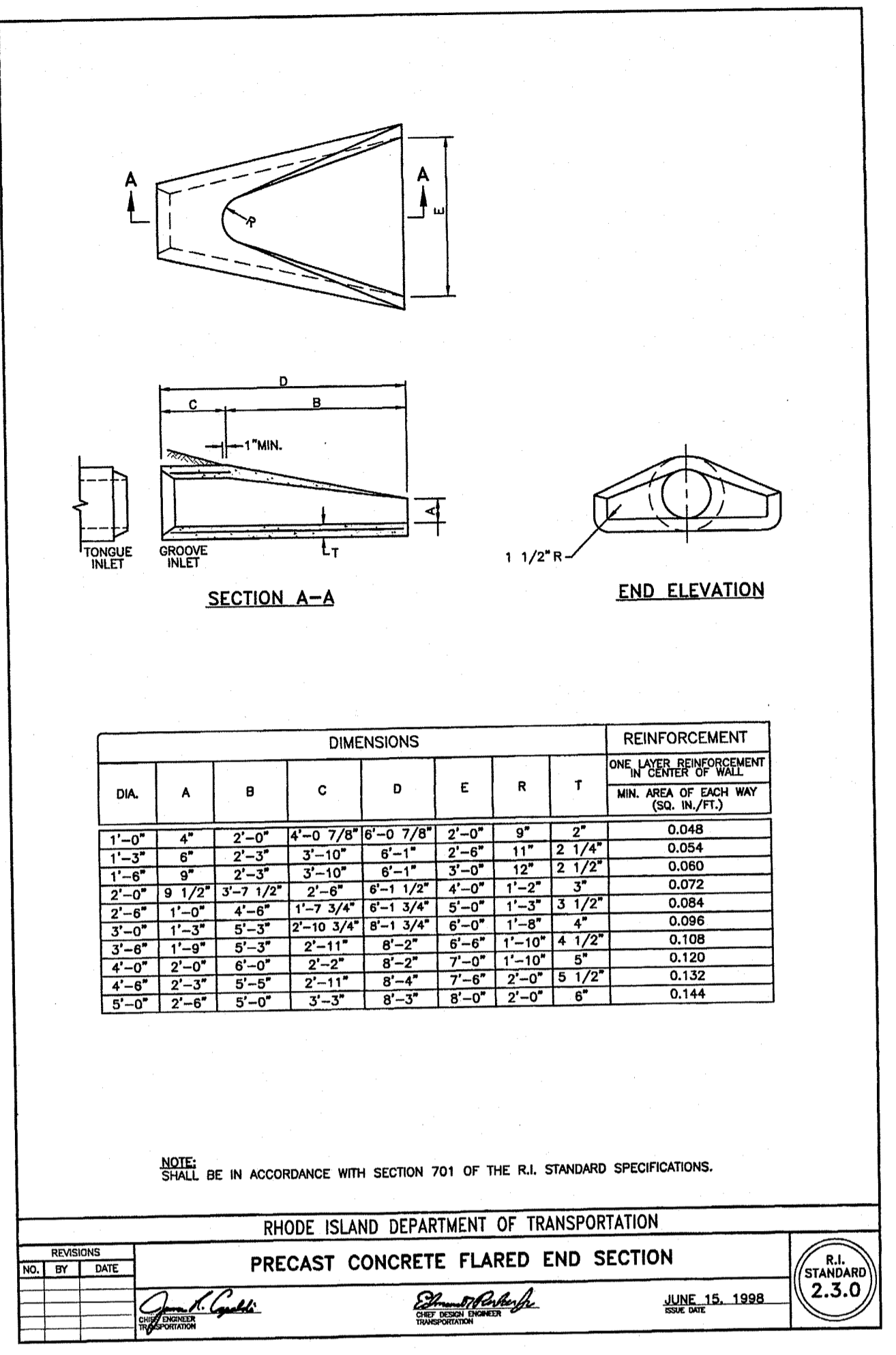
REVISIONS:  
 RI Environmental Management  
 JUN 25 2021  
 Office of Water Resources

PROJECT NO.: 94139.01  
 DATE: JUNE 24, 2020  
 SCALE: NOT TO SCALE  
 DESIGNED BY: ACB  
 CHECKED BY: JHR  
 DRAWN BY: AKL  
 APPROVED BY: DLP  
 DRAWING TITLE:

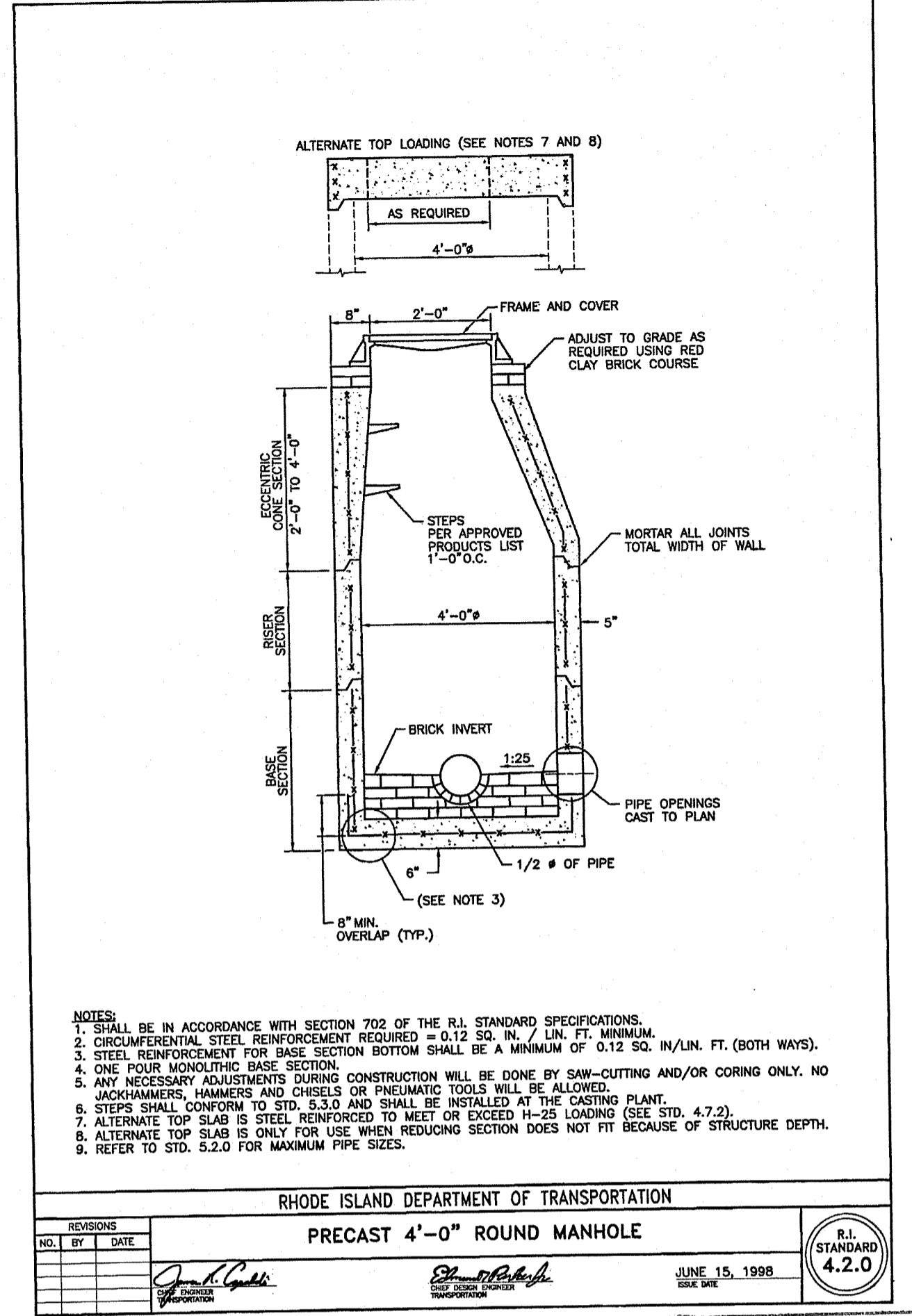
DETAILS 3  
 DRAWING NO.:  
**C6.3**  
 SHEET NO. 13 OF 15



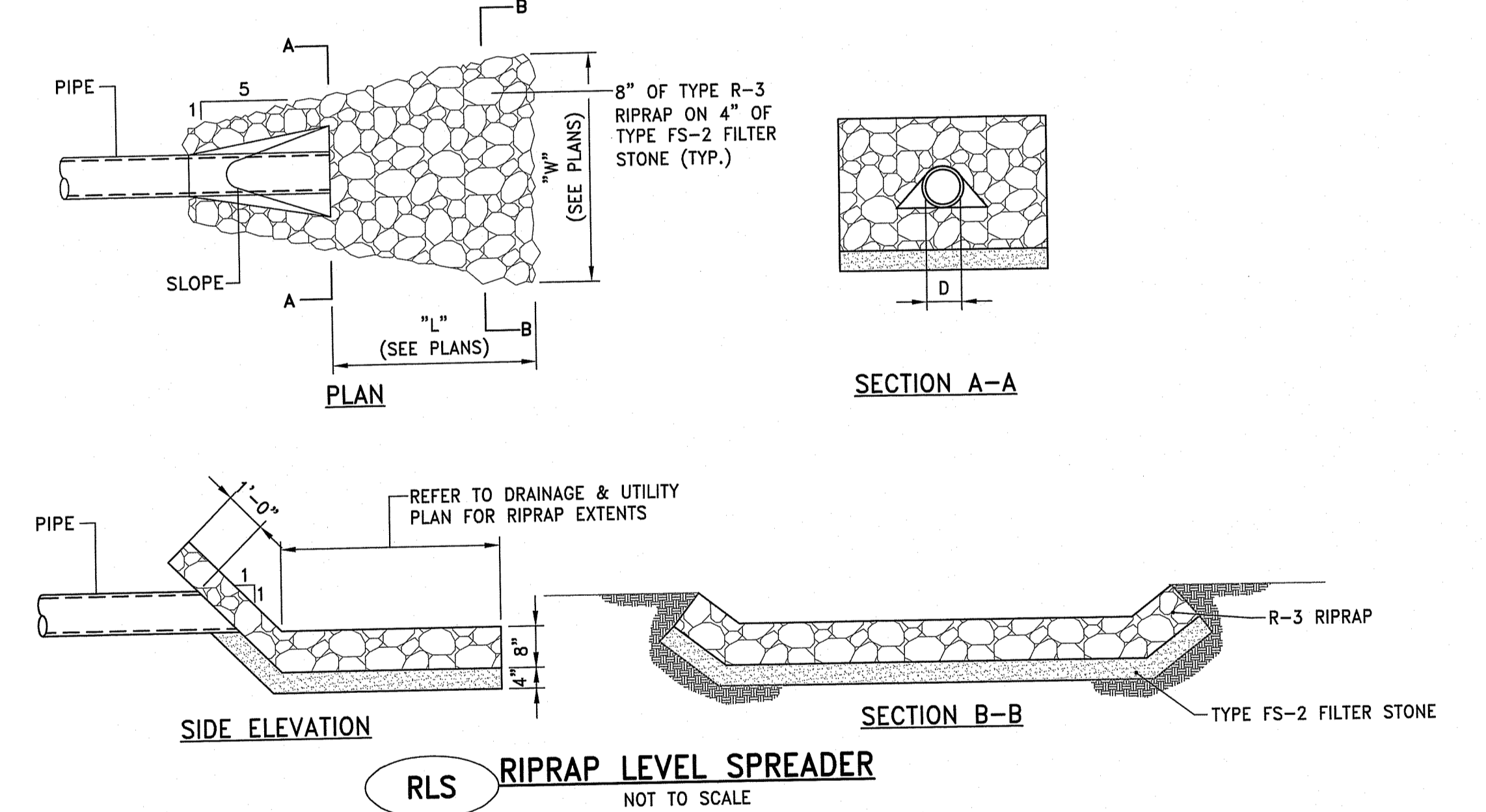
RHODE ISLAND DEPARTMENT OF TRANSPORTATION  
 CONCRETE HEADWALLS FOR PIPE CULVERTS  
 JUNE 15, 1998  
 R.I. STANDARD 2.1.0



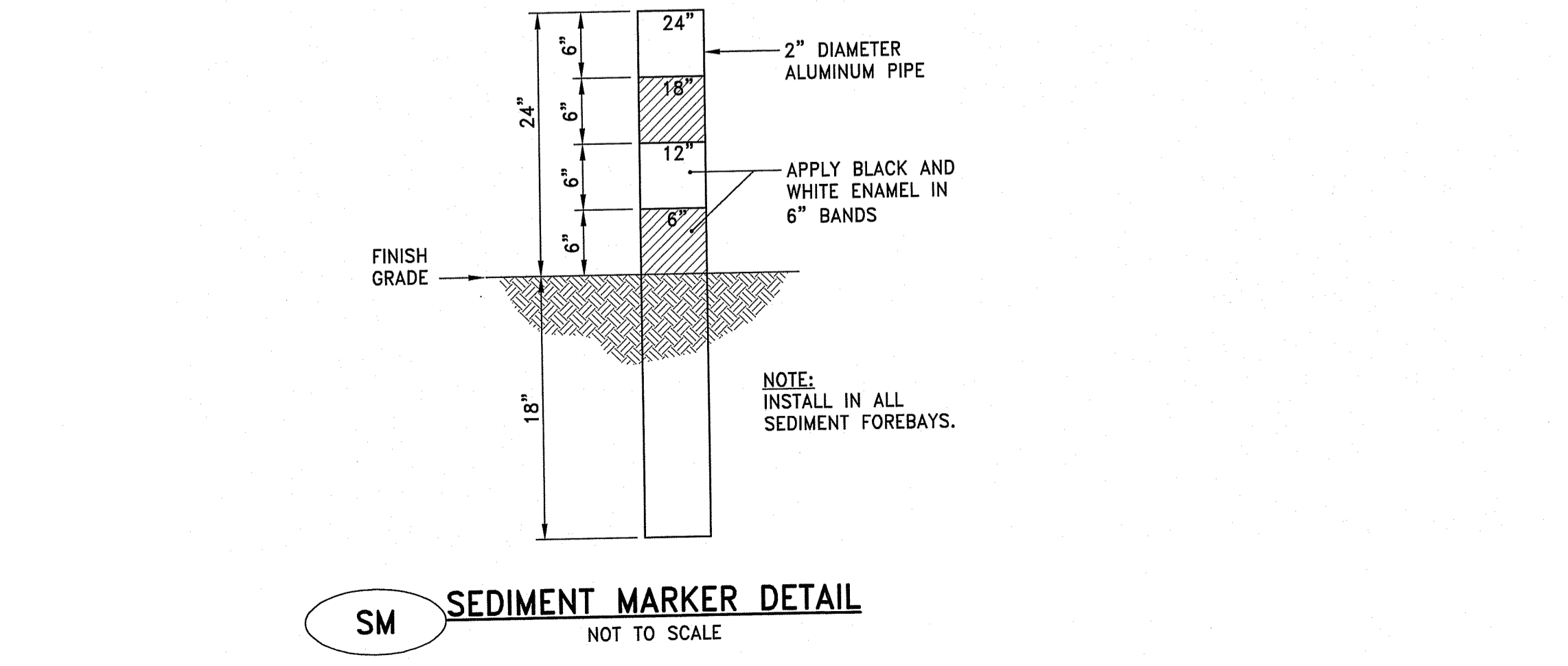
RHODE ISLAND DEPARTMENT OF TRANSPORTATION  
 PRECAST CONCRETE FLARED END SECTION  
 JUNE 15, 1998  
 R.I. STANDARD 2.3.0



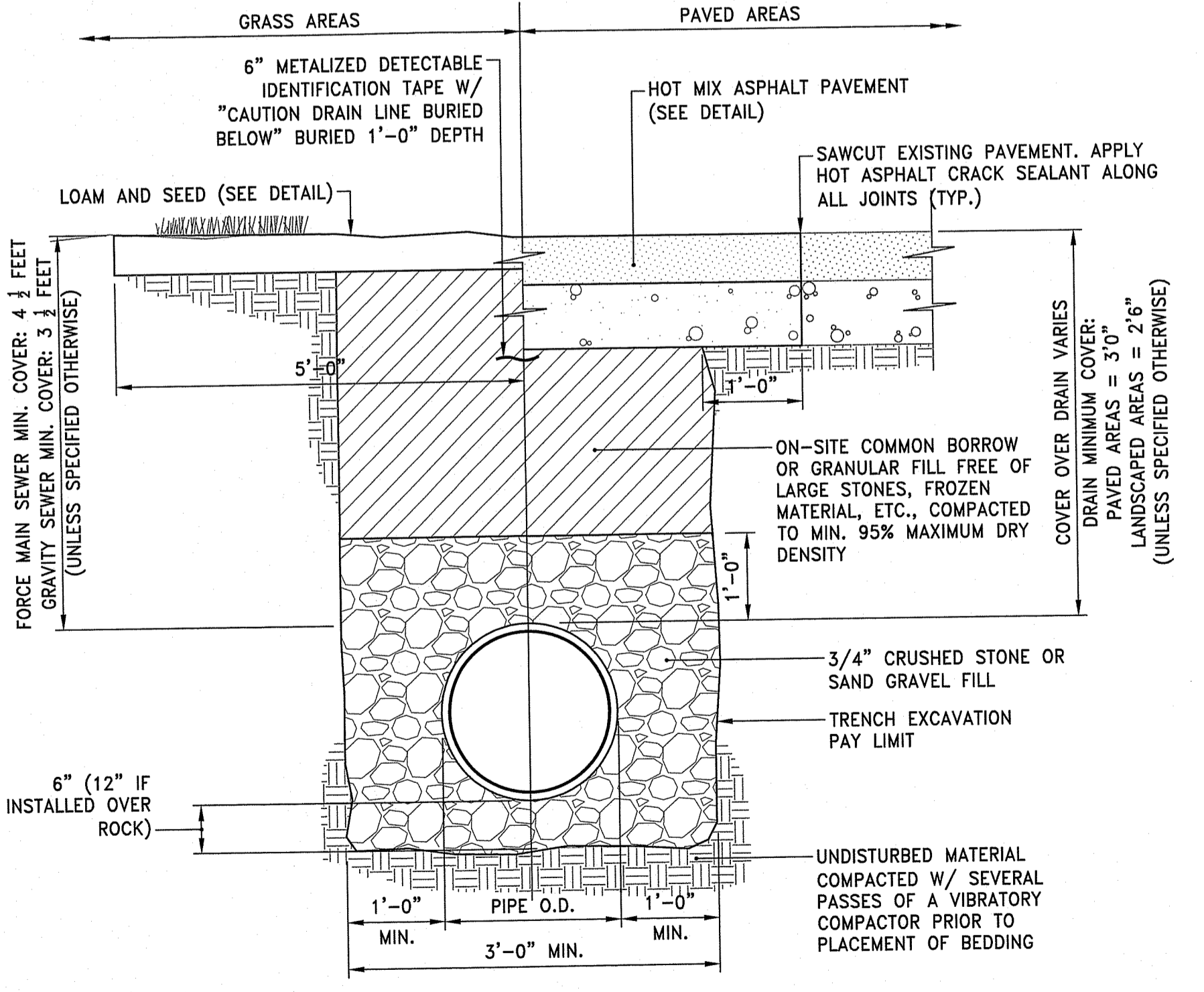
RHODE ISLAND DEPARTMENT OF TRANSPORTATION  
 PRECAST 4'-0" ROUND MANHOLE  
 JUNE 15, 1998  
 R.I. STANDARD 4.2.0



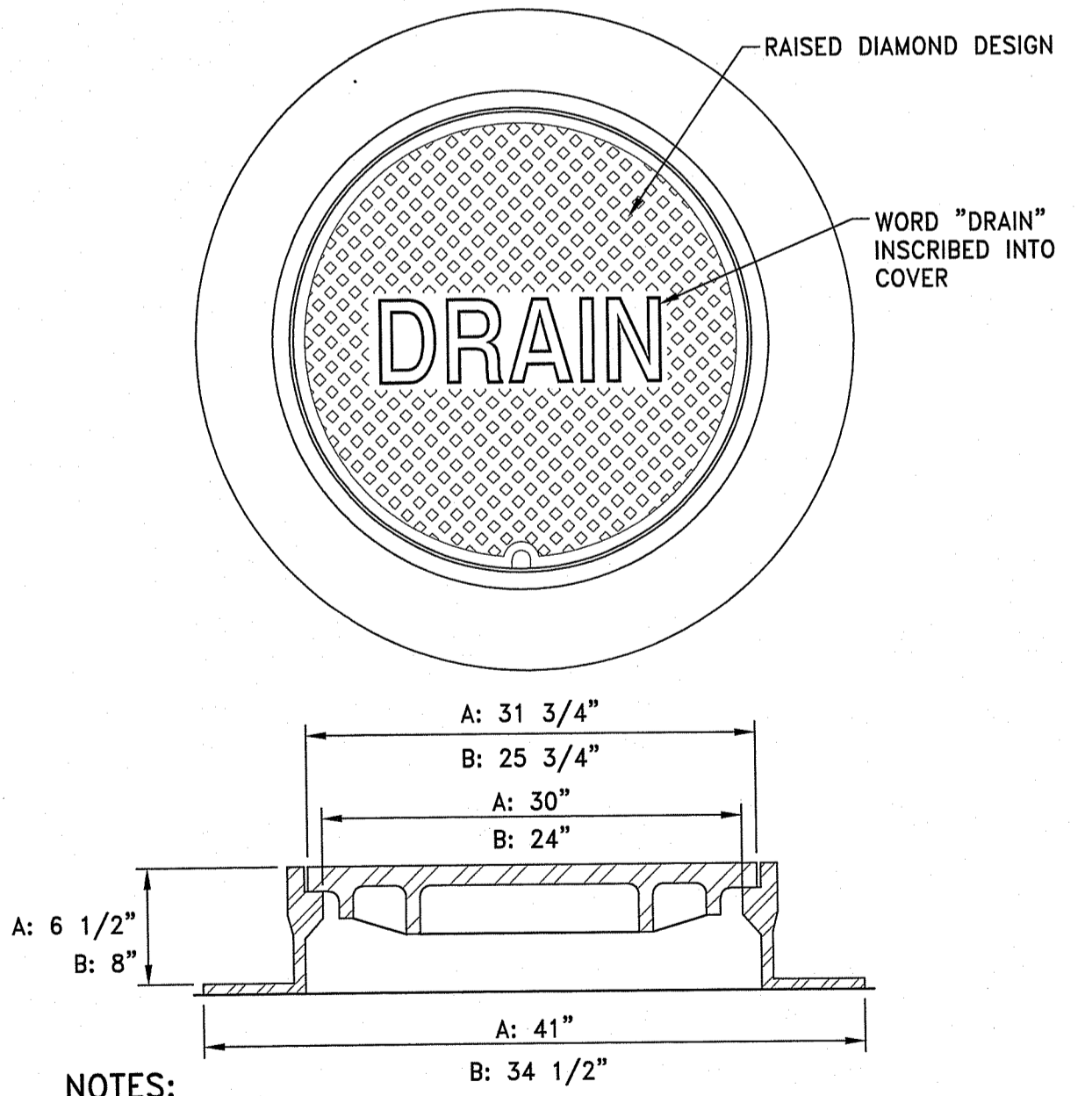
RLS RIPRAP LEVEL SPREADER  
 NOT TO SCALE



SM SEDIMENT MARKER DETAIL  
 NOT TO SCALE



DRAIN TRENCH DETAIL  
 NOT TO SCALE



DRAIN MANHOLE FRAME & COVER  
 NOT TO SCALE

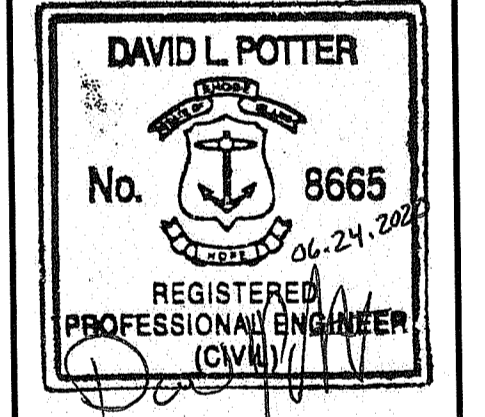
DEPARTMENT OF ENVIRONMENTAL MANAGEMENT  
 OFFICE OF WATER RESOURCES  
 FRESHWATER WETLANDS PROGRAM  
 REVIEWED SITE PLAN APPLICATION NO.: 20-011  
 DATED SEP 21 2021  
 SEE LETTER OF SAME DATE.  
 Nancy L. Freeman



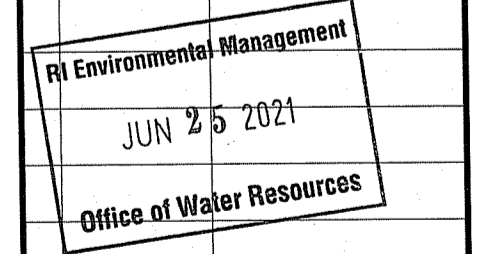
OWNER/APPLICANT:  
 TOWN OF TIVERTON  
 50 INDUSTRIAL WAY  
 TIVERTON, RI 02878

SCALE ADJUSTMENT GUIDE  
 1" = 1'-0"

Recycling Depot  
 Industrial Way and Progress Way  
 Tiverton, Rhode Island

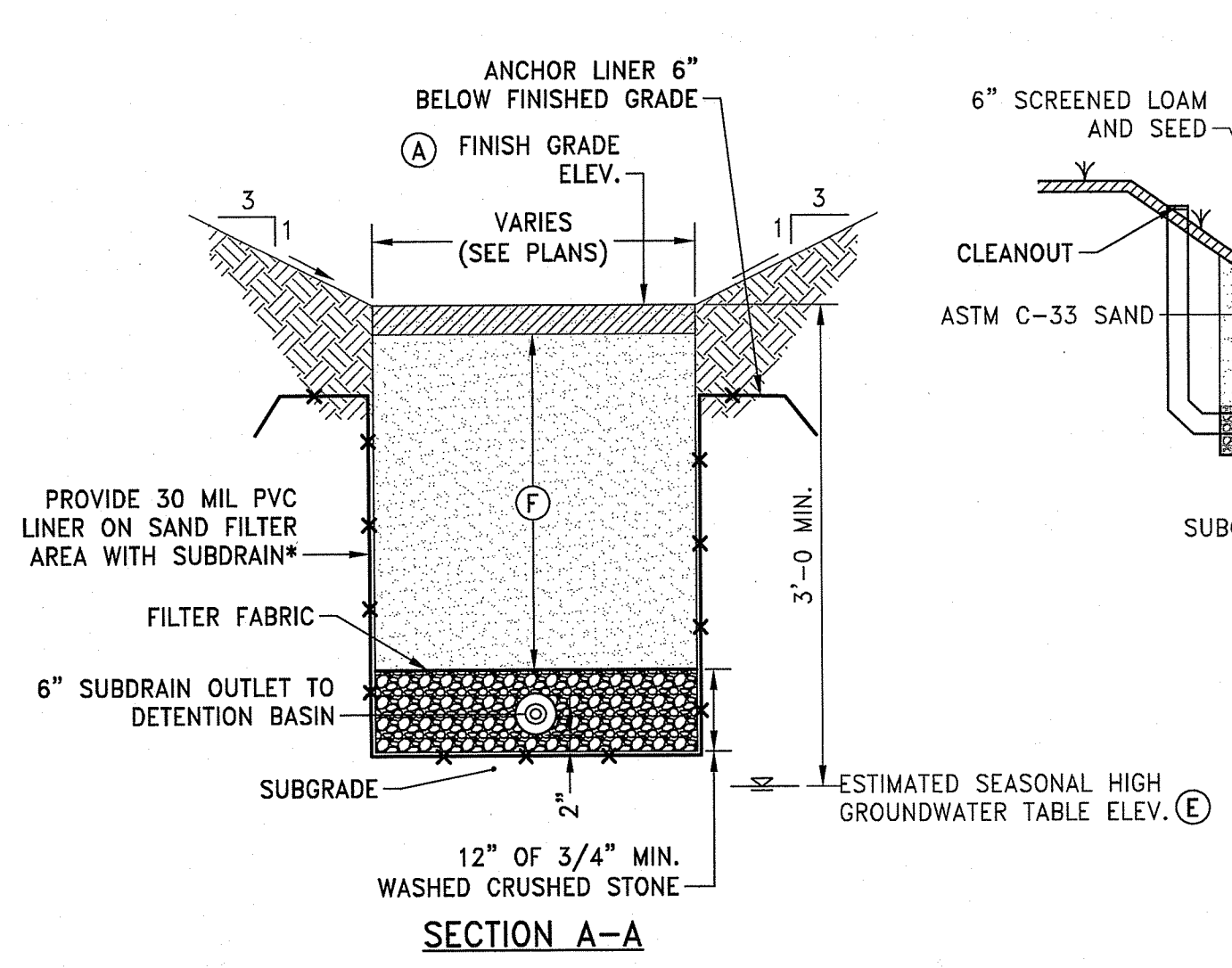
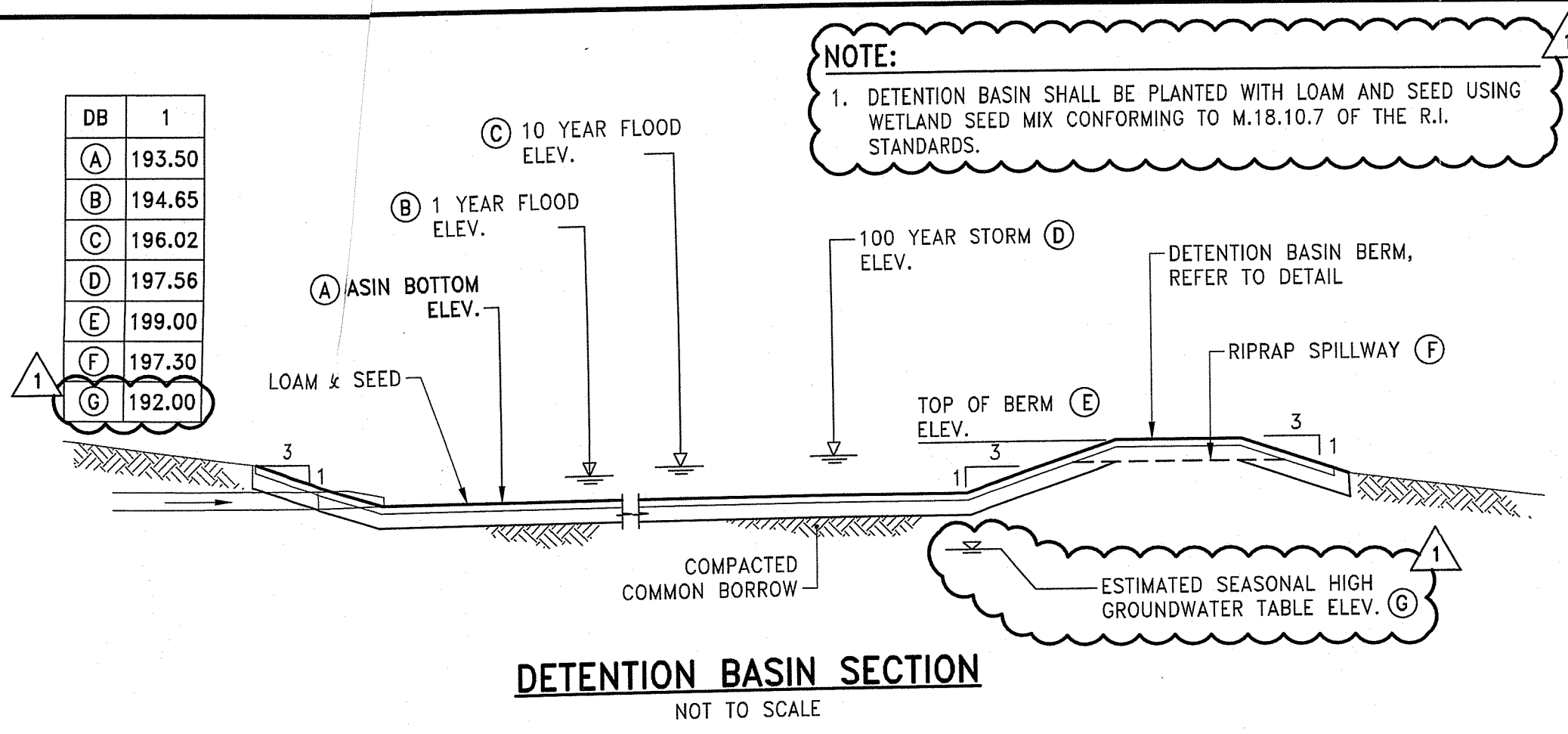


REVISIONS:

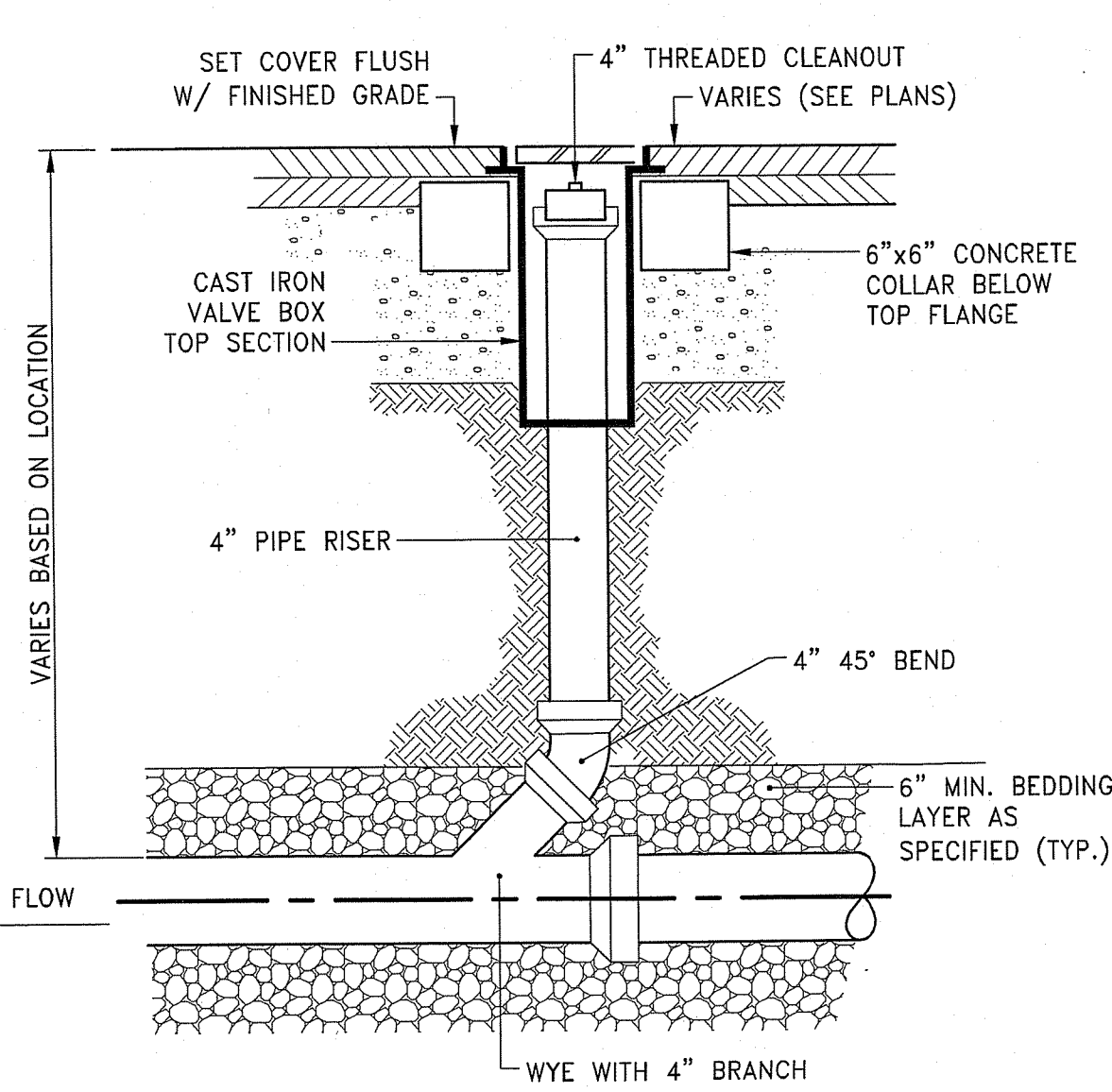
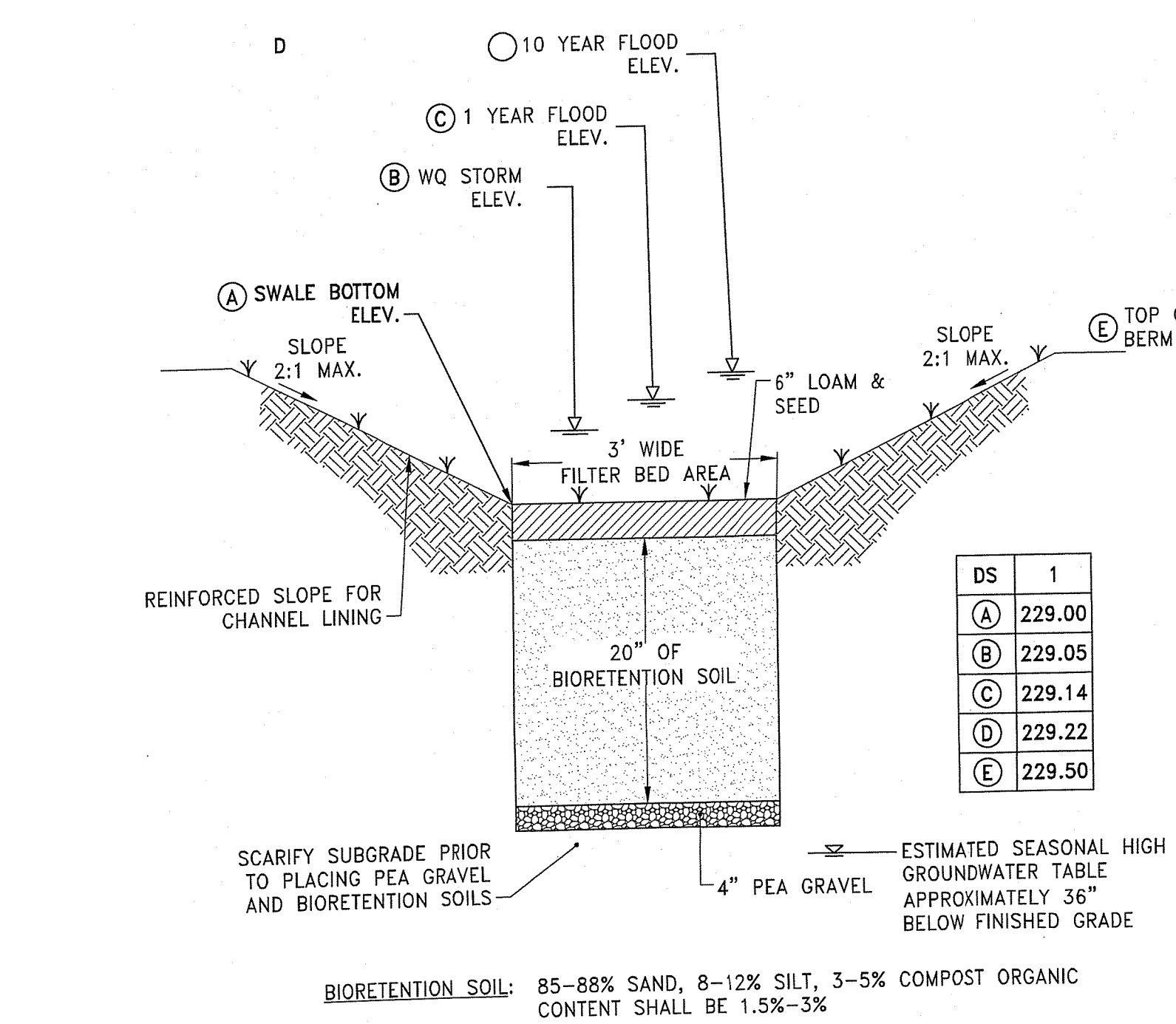


PROJECT NO.: 94139.01  
 DATE: JUNE 24, 2020  
 SCALE: NOT TO SCALE  
 DESIGNED BY: ACB  
 CHECKED BY: JHR  
 DRAWN BY: AKL  
 APPROVED BY: DLP  
 DRAWING TITLE:

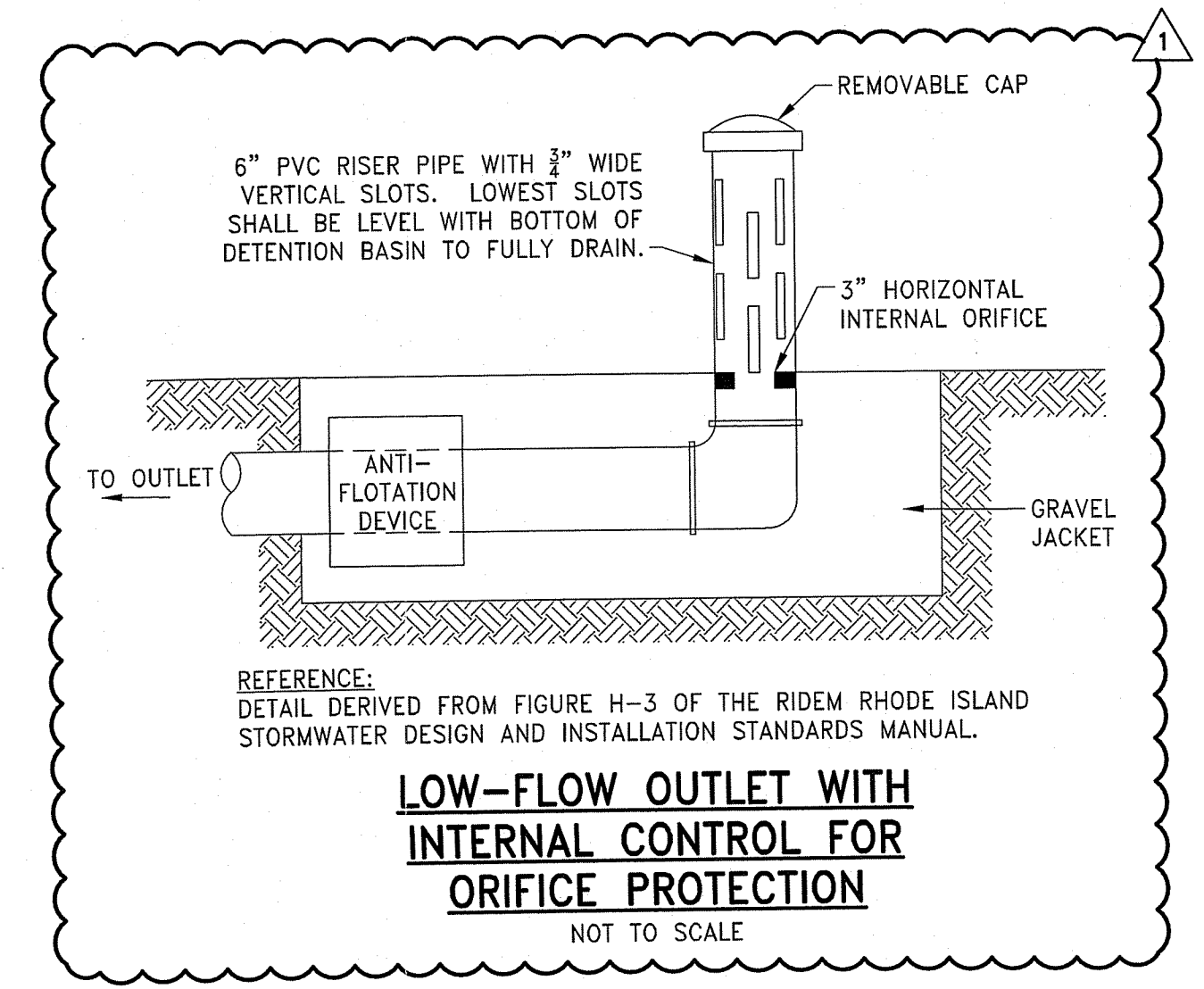
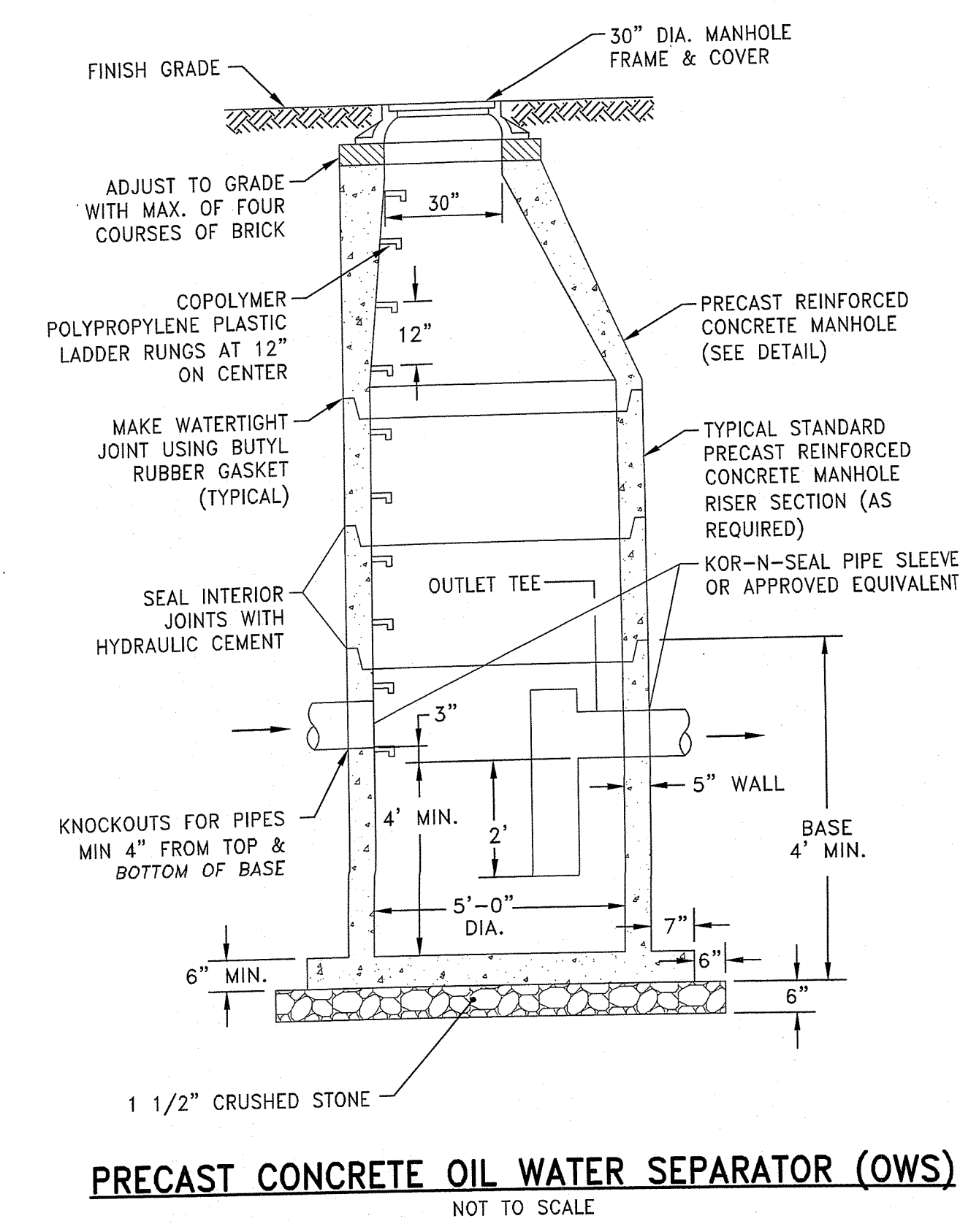
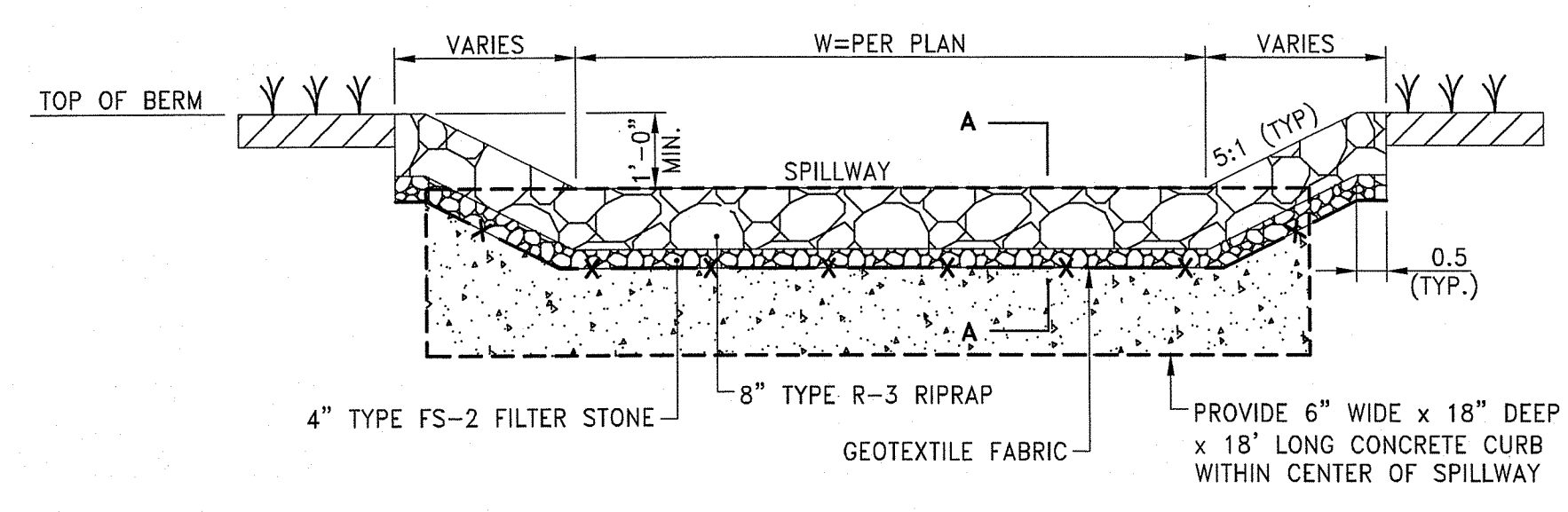
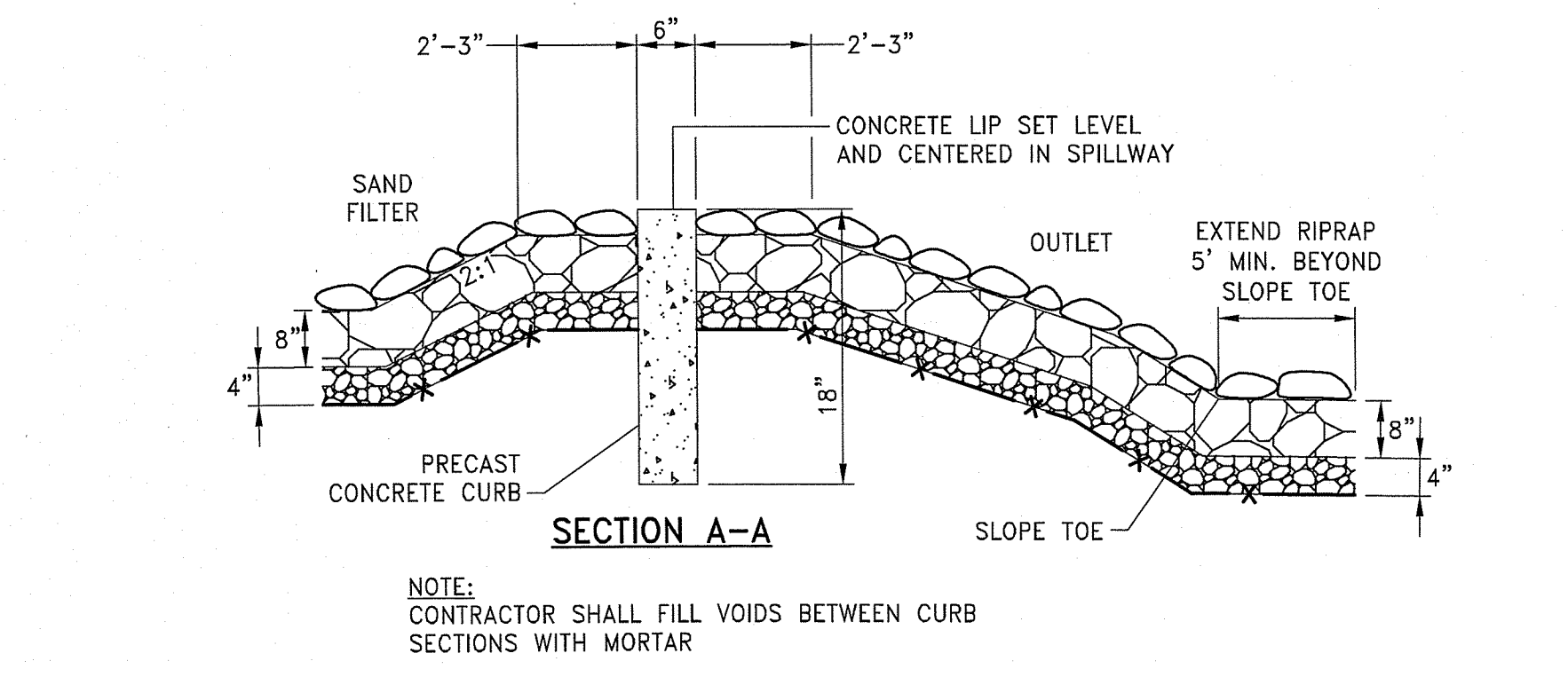
DETAILS 4  
 DRAWING NO.: C6.4  
 SHEET NO. 14 OF 15



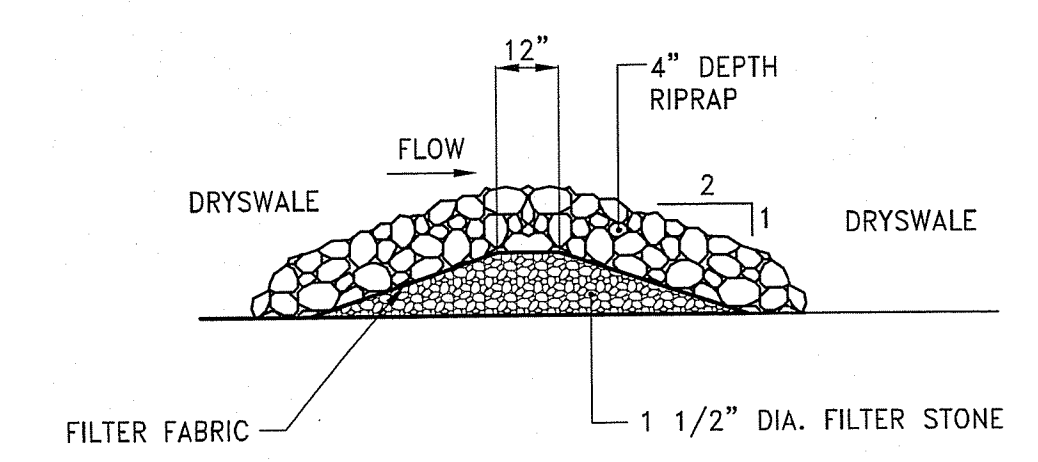
- SAND FILTER NOTES:**
- ABSOLUTELY NO RUNOFF SHALL ENTER THE SAND FILTER AREA UNTIL ALL CONTRIBUTING DRAINAGE AREAS HAVE BEEN STABILIZED.
  - CONSTRUCTION EQUIPMENT AND TRAFFIC SHALL BE RESTRICTED FROM TRAVELING OVER THE SAND FILTER AREA TO MINIMIZE COMPACTION OF THE SOILS.
  - IF NECESSARY, UTILIZE LIGHT-TRACKED EQUIPMENT WHEN EXCAVATING WITHIN THE SAND FILTER AREA TO AVOID COMPACTION OF THE SOILS.
  - INITIAL EXCAVATION SHALL BE CARRIED TO WITHIN 1 FOOT OF THE SUBGRADE ELEVATION. FINAL EXCAVATION TO THE BASIN SUBGRADE SHALL BE DEFERRED UNTIL ALL UPSTREAM DISTURBED AREAS HAVE BEEN STABILIZED OR PROTECTED.
  - CONTRACTOR SHALL CONTACT THE ENGINEER 48 HOURS PRIOR TO EXPOSING THE SUBGRADE TO COORDINATE ENGINEER'S OBSERVATION OF SUBGRADE.
  - CONSTRUCTION OF THE SYSTEM SHALL NOT COMMENCE UNTIL ENGINEER OBSERVES SUBGRADE AND BACKFILL MEDIA AND GRANTS PERMISSION TO PROCEED.
  - OVER EXCAVATION BELOW SUBGRADE SHALL BE REPLACED WITH ASTM C-33 SAND.



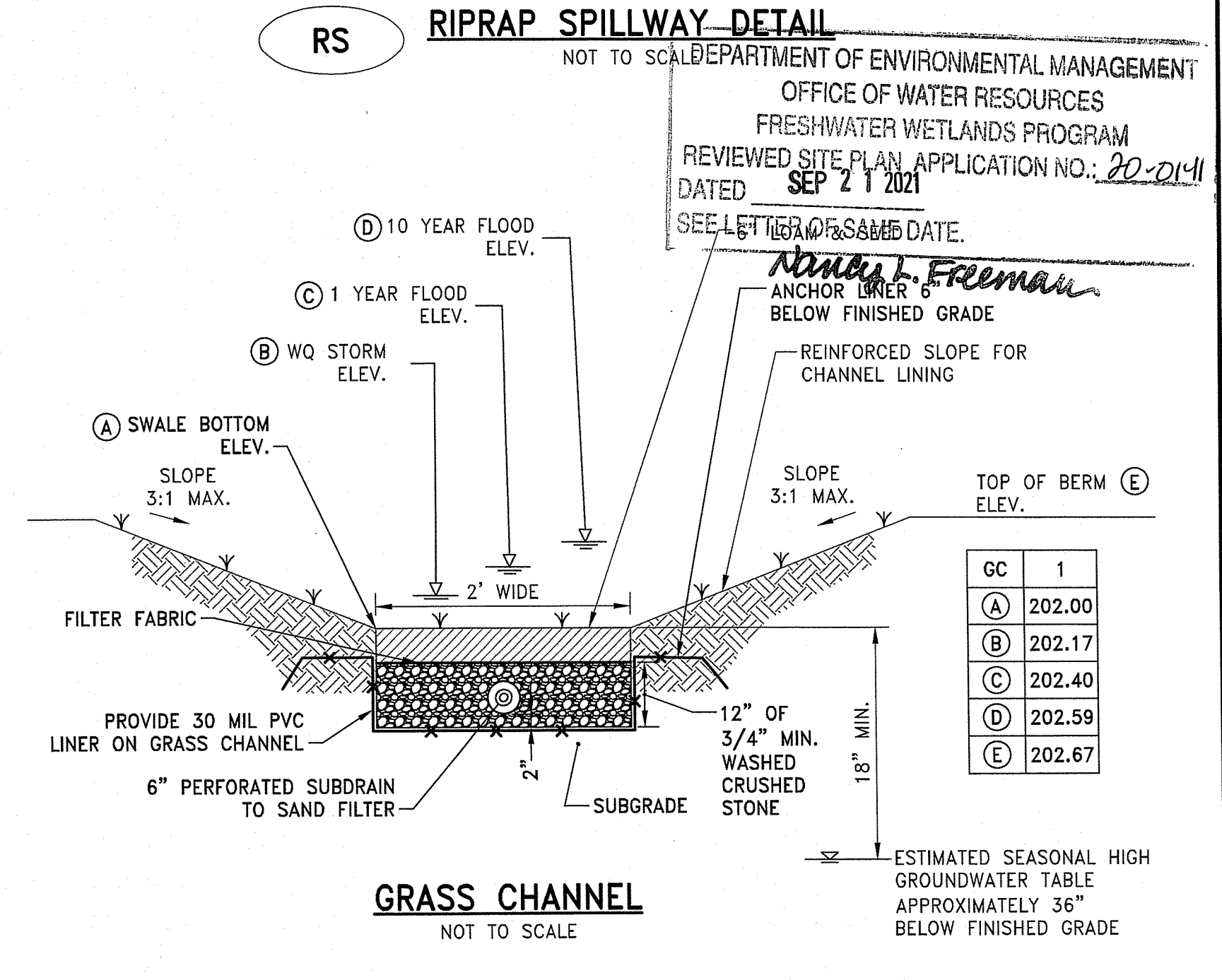
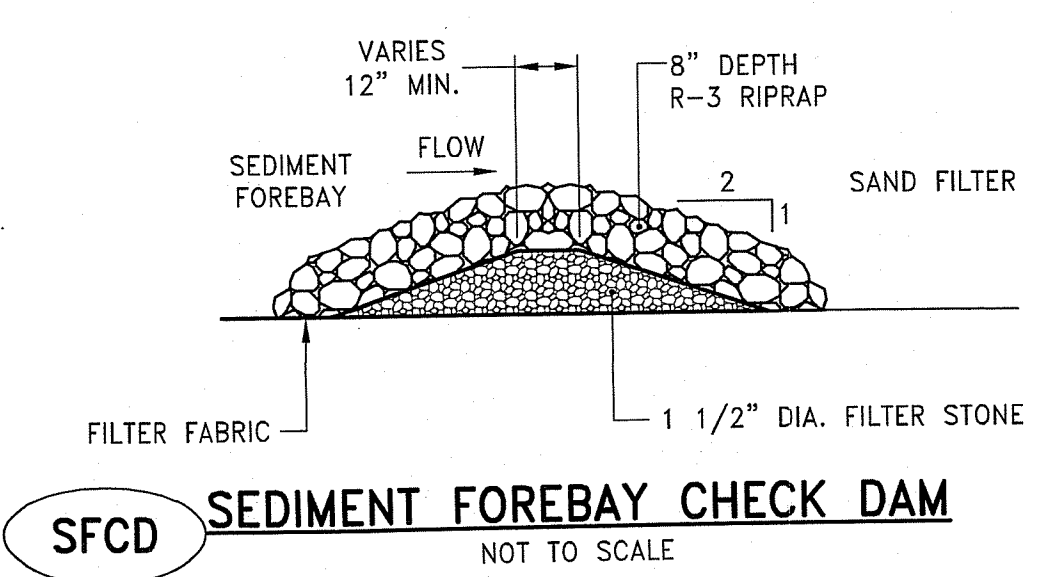
**SAND FILTER DETAIL**  
NOT TO SCALE



**VFS VEGETATED FILTER STRIP**  
NOT TO SCALE



**CD CHECK DAM**  
NOT TO SCALE



**GRASS CHANNEL**  
NOT TO SCALE