Boyle Athletic Field Complex Improvements
Smithfield Public Schools

AP 11 Lots 5,6,&7 and AP 12 Lot 1A

90 Pleasant View Ave
Smithfield, Rhode Island

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

OWNER/APPLICANT:

SMITHFIELD PUBLIC SCHOOLS

ARCHITECT:

ROWSE Architects

400 Massasoit Avenue,
Suite 300, Second Floor
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CIVIL ENGINEER:

PARE

PARE CORPORATION
ENGINEERS - SCIENTISTS - PLANNERS

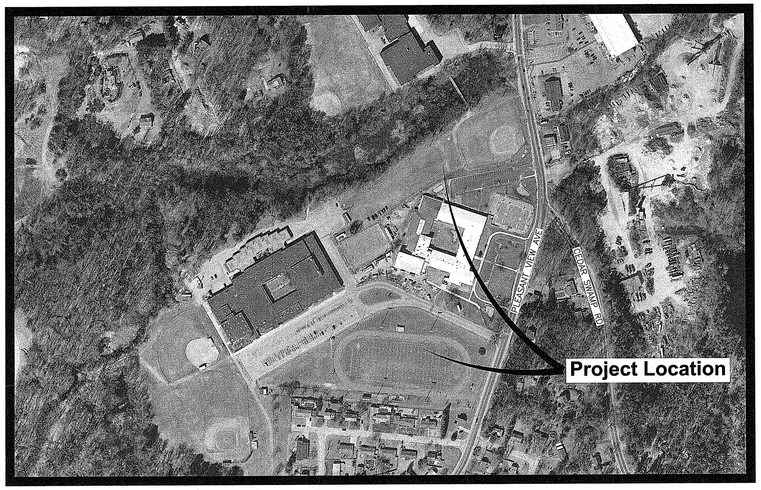
8 BLACKSTONE VALLEY PLACE
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landscape architects
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401-383-4950
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Scale : N.T.S.

INDEX OF DRAWINGS

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RIDEM FWW PERMIT SUBMISSION
FEBRUARY 28, 2022

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

APPROVED WITH CONDITIONS AS
SPECIFIED IN THE LETTER OF APPROVAL
DATED: MAY 30 2023 FILE #: 23-0051
NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL
APPROVED PLANS MUST BE AT CONSTRUCTION SITE
Nancy L. Freeman

RI Environmental Management
MAR 08 2023
Office of Water Resources

REFERENCE

1. PROJECT LOCATION: SMITHFIELD HIGH SCHOOL, 90 PLEASANT VIEW AVE, SMITHFIELD, RHODE ISLAND 02917. ASSESSOR'S MAP 11, LOTS 5, 6 AND 7 AND MAP 12, LOT 1A.

2. EXISTING CONDITIONS COMPILED FROM:
   - AVAILABLE RECORD PLANS, "SMITHFIELD HIGH SCHOOL (1964) AND SMITHFIELD HIGH SCHOOL ADDITION RENOVATION (1994)".
   - DESIGN PLANS FOR MCCABE ELEMENTARY SCHOOL IMPROVEMENTS DATED 2/7/2020 AND PREPARED BY PARE CORPORATION.
   - TOWN OF SMITHFIELD, RI GIS DATA
   - PARTIAL BOUNDARY & TOPOGRAPHIC SURVEY PLAN BY WATERMAN ENGINEERING COMPANY DATED 1/25/2023.

3. HORIZONTAL DATA ON PLANS REFERENCES RHODE ISLAND STATE PLANE. THE VERTICAL DATUM ON PLANS REFERENCES THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88).

4. WETLAND FLAGS WERE RE-SET ON FEBRUARY 22, 2023 BY PARE CORPORATION. SUPPLEMENTAL FLAGS WERE LOCATED WITH TRIMBLE R12 GPS UNIT.

GENERAL NOTES

1. PER AVAILABLE RIDEM MAPPING, THE PROJECT SITE IS LOCATED OUTSIDE OF 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 PER THE AMERICANS WITH DISABILITIES ACT (ADA) ACCESSIBILITY GUIDELINES.

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 SEWER CONSTRUCTION SHALL CONFORM TO THE SMITHFIELD SEWER AUTHORITY REGULATIONS.

11. ALL WATER LINE BENDS AND TEES SHALL BE REINFORCED WITH THRUST BLOCKS. ALL WATER DISTRIBUTION PIPING AND FITTINGS MUST ADHERE TO THE GREENVILLE WATER DISTRICT 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 GREENVILLE WATER DISTRICT 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.

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 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 SAND FILTER AS NECESSARY.

EROSION AND SEDIMENTATION CONTROL NOTES - RHODE ISLAND

1. THE CONTRACTOR AND RELEVANT SUBCONTRACTORS SHALL READ AND UNDERSTAND THE RIPDES GENERAL PERMIT FOR STORMWATER DISCHARGES ASSOCIATED WITH CONSTRUCTION ACTIVITY (GENERAL PERMIT) AND THE SITE SPECIFIC SOIL EROSION AND SEDIMENT CONTROL PLAN (SESC) 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 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 DISSIPATERS 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 SMITHFIELD. 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. ALL CLEANING AND MAINTENANCE OF STORMWATER MANAGEMENT SYSTEMS POST-CONSTRUCTION SHALL BE THE RESPONSIBILITY OF THE OWNER.

DRYWELL INSPECTION, MAINTENANCE, AND REPAIR NOTES

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

1. FOLLOWING STORM EVENTS WITH RAINFALL EXCEEDING 2.7"
   - INSPECT DRY WELL FOR TRASH, DEBRIS, SEDIMENT, EROSION, STANDING WATER, AND OVERALL PERFORMANCE. DEFECTS SHALL BE REPAIRED BY OWNER.

2. BI-ANNUALLY
   - INSPECTIONS SHALL BE PERFORMED A MINIMUM OF TWO TIMES PER YEAR ON THE DRYWELL TO ENSURE PROPER OPERATION OF THE SYSTEM. IF SEDIMENT BUILDUP HAS LIMITED THE INFILTRATION CAPABILITIES, THE 6" OF 1-1/2" DOUBLE WASHED CRUSHED STONE BOTTOM OF THE STRUCTURE SHALL BE REMOVED AND REPLACED.

QUALIFYING PERVIOUS 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 QUALIFYING PERVIOUS AREAS (QPA'S) MUST BE INSPECTED A MINIMUM OF TWO TIMES PER YEAR FOR SEDIMENT, PONDING, EROSION, AND VEGETATION.

2. REMOVE ACCUMULATED SEDIMENT FROM THE QPA'S IF 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 QPA A MINIMUM OF TWO TIMES ANNUALLY TO MAINTAIN A MINIMUM GRASS HEIGHT OF 6".

5. TRASH AND DEBRIS SHALL BE REMOVED FROM THE QPA'S AS NECESSARY.

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.

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APPROVED WITH CONDITIONS AS SPECIFIED IN THE LETTER OF APPROVAL
DATED: MAY 30 2023 FILE #: 23-0051
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APPROVED PLANS MUST BE AT CONSTRUCTION SITE
Nanly L. Freeman

SMITHFIELD HIGH SCHOOL
Boyle Athletic Field Complex Improvements

90 Pleasant View Avenue, Smithfield, R.I.
AP 11 Lots 5,6,&7 and AP 12 Lot 1A

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RI Environmental Management
MAR 0 3 2023
Office of Water Resources

NOT FOR CONSTRUCTION

JOSEPH WEED
No. 11763
REGISTERED PROFESSIONAL ENGINEER (CIVIL) 2/27/23

Date: FEBRUARY 2023
Drawn by: AKL Proj. Mgr.: JW
Revisions

No.	Date	Description

NOTES

C1.1

ABBREVIATIONS

GENERAL

AADT	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 DON'T 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
HDPE	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
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 STANDARD DETAILS

4.2.0	=	PRECAST 4'-0" ROUND MANHOLE - R.I. STD. 4.2.0
4.2.1	=	PRECAST 5'-0' ROUND MANHOLE - R.I. STD. 4.2.1
4.2.2	=	PRECAST 6'-0" ROUND MANHOLE - R.I. STD. 4.2.2
4.4.0M	=	PRECAST 4'-0", 5'-0", OR 6'-0" ROUND CATCH BASIN - R.I. STD. 4.4.0M
7.1.0	=	PRECAST CONCRETE CURB - R.I. STD. 7.1.0
7.5.1	=	BITUMINOUS BERM - R.I. STD. 7.5.1
9.9.0	=	CONSTRUCTION ACCESS - R.I. STD. 9.9.0
43.3.0	=	WHEELCHAIR RAMP - R.I. STD. 43.3.0
48.1.0M	=	DETECTABLE WARNING SYSTEM (MODIFIED) - R.I. STD. 48.1.0M

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

LEGEND

	EXISTING	PROPOSED
PROPERTY LINE		
SETBACKS		
EASEMENT LINE		
CONTOUR	255	262
SPOT ELEVATION	X 407.5	X 261.5
DRAINAGE LINE	D D D	D D D
WATER LINE	W W W	W W W
SANITARY SEWER LINE	S S S	S S S
GAS LINE	G G G	G G G
ELECTRIC	E E E	E E E
TELEPHONE LINE	T T T	T T T
OVERHEAD ELECTRIC LINE	OHW	OHW
LIMIT OF DISTURBANCE		LOD
LIMIT OF DISTURBANCE/COMPOST FILTER SOCK		LOD/CFS
CATCH BASIN		
HYDRANT		
DRAINAGE MANHOLE	D	
SEWER MANHOLE	S	
UTILITY POLE		
WATER VALVE	WV WV	
GAS GATE	GG	
LIGHT POLE		
TREE LINE		
STONE WALL		
6' BLACK CHAIN LINK FENCE	X X X	
4' BLACK CHAIN LINK FENCE		X X X
6' BLACK CHAIN LINK FENCE		
6' CHAIN LINK FENCE WITH SCREEN		
CURBING		
EDGE OF PAVEMENT		
SAWCUT LINE		
SIGN		
COMPOST FILTER SOCK		
NO. OF PARKING SPACES	#	#
WETLAND EDGE	WF A52 WF A51	
100' BUFFER ZONE		
200' JURISDICTIONAL AREA		
GRADE TO DRAIN		GTD

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

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OFFICE OF WATER RESOURCES
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DATED: MAY 30 2023 FILE #: 23-0051
NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL
APPROVED PLANS MUST BE AT CONSTRUCTION SITE
Nancy L. Freeman

SMITHFIELD HIGH SCHOOL
Boyle Athletic Field Complex Improvements

90 Pleasant View Avenue, Smithfield, R.I.
AP 11 Lots 5,6,&7 and AP 12 Lot 1A

SMITHFIELD PUBLIC SCHOOLS
49 Farnum Pike, Rhode Island

Rowse Architects
400 Massasoit Avenue, Suite 300, Second Floor
East Providence, Rhode Island
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RI Environmental Management
MAR 08 2023
Office of Water Resources

NOT FOR CONSTRUCTION

JOSEPH WEED
No. 11763
REGISTERED PROFESSIONAL ENGINEER (CIVIL)
3/6/23

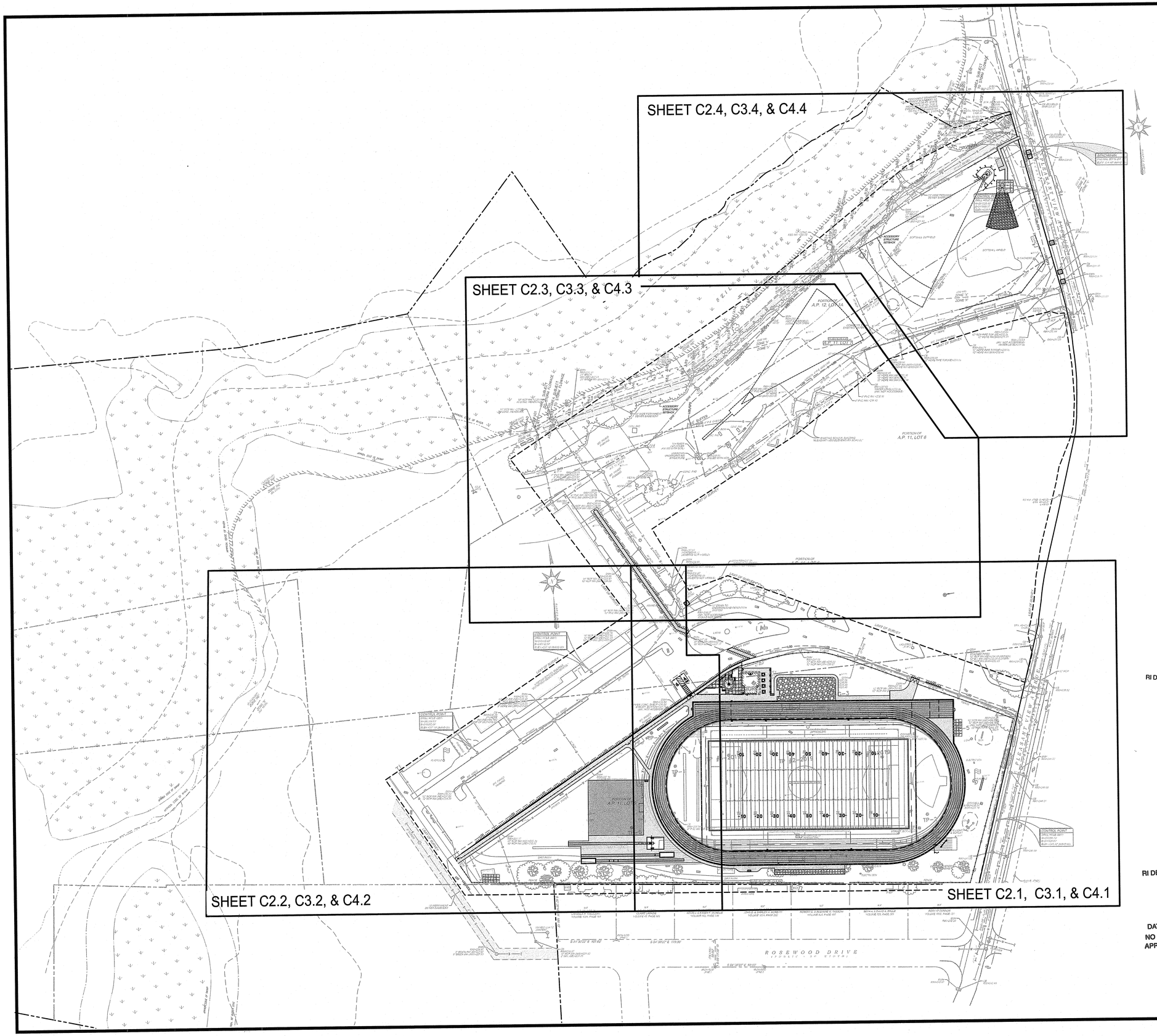
Date: FEBRUARY 2023
Drawn by: AKL Proj. Mgr.: JW
Revisions

No.	Date	Description

LEGEND

C1.2

22039 - A4.0


SHEET C2.4, C3.4, & C4.4
SHEET C2.3, C3.3, & C4.3
SHEET C2.2, C3.2, & C4.2
SHEET C2.1, C3.1, & C4.1
ROSEWOOD DRIVE
PUBLIC - 50' WIDTH
SELWAY RIVER
PORTION OF A.P. 12, LOT 1A
PORTION OF A.P. 11, LOT 1
PORTION OF A.P. 11, LOT 6
SCHOOL BUILDING
ACCESSORY STRUCTURE SETBACK
SOFTBALL OUTFIELD
BOTTOM OF BANK
TOP OF BANK
LIMIT OF BORDER VEGETATED WETLAND
LIMIT OF BANK
CONTROL POINT
DRILL HOLE (SET)
ELEVATION 57
PLASTIC CAP MARKED 101
ELEV.=123.57 (NAVD 88)
CONTROL POINT
DRILL HOLE (SET)
ELEVATION 52
PLASTIC CAP MARKED 102
ELEV.=120.47 (NAVD 88)
CONTROL POINT
DRILL HOLE (SET)
ELEVATION 53
PLASTIC CAP MARKED 103
ELEV.=120.57 (NAVD 88)
CONTROL POINT
DRILL HOLE (SET)
ELEVATION 54
PLASTIC CAP MARKED 104
ELEV.=120.57 (NAVD 88)
CONTROL POINT
DRILL HOLE (SET)
ELEVATION 55
PLASTIC CAP MARKED 105
ELEV.=120.57 (NAVD 88)
CONTROL POINT
DRILL HOLE (SET)
ELEVATION

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. 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 BEFORE ANY RELATED WORK MAY COMMENCE.
4. ALL TEMPORARILY CUT UTILITIES SHALL BE PROTECTED FROM SEDIMENTATION UNTIL IT IS CONNECTED IN ITS POST-CONSTRUCTION POSITION.
5. AN IRRIGATION SYSTEM IS LOCATED WITHIN THE PROJECT AREA. CONTRACTOR SHALL REMOVE AND DISPOSE IRRIGATION FACILITIES AS REQUIRED TO INSTALL PROPOSED IMPROVEMENTS. PROTECT IN-PLACE IRRIGATION FACILITIES THAT DO NOT CONFLICT WITH WORK.
6. REFER TO "CIVIL NOTES AND LEGEND" FOR ADDITIONAL NOTES.

LEGEND:

- PROTECT EXISTING TREE TO REMAIN.
- REMOVE & DISPOSE TREE. DISPOSE OF TREE AND STUMP OFF-SITE.
- PRIOR TO COMMENCING WORK, CONTRACTOR SHALL EXCAVATE TEST PIT TO CONFIRM LOCATION, ELEVATION, AND SIZE OF UTILITY. PROVIDE INFORMATION TO ENGINEER.

EROSION AND 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 IS 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. AT NO TIME SHALL CONTRACTOR TEMPORARILY STORE CONSTRUCTION MATERIAL, MACHINERY, OR RUNOFF WITHIN THE STORMWATER MANAGEMENT AREA. CONTRACTOR SHALL PROVIDE TEMPORARY MEASURES TO DIVERT RUNOFF TO TEMPORARY SEDIMENT TRAPS. THE SAND FILTERS SHALL BE TEMPORARILY GRADED TO THEIR TOP OF BERM ELEVATION. ONCE CONSTRUCTION AND GRADING ACTIVITIES NO LONGER REQUIRE CONSTRUCTION EQUIPMENT WITHIN THE FOOTPRINT, THE SAND FILTERS SHALL BE EXCAVATED TO SUBGRADE MATERIAL. 12" BELOW THE SUBGRADE SHALL BE SCARIFIED PRIOR TO PLACING IMPORTED SOILS. THROUGHOUT EXCAVATION AND INSTALLATION OF ALL REQUIRED MATERIAL, COMPOST FILTER SOCK SHALL BE INSTALLED AT THE TOE OF THE SLOPE AND UPGRADIENT OF THE WORK AREA UNTIL CONTRIBUTING AREA IS STABILIZED.
8. REFER TO "CIVIL NOTES AND LEGEND" FOR ADDITIONAL NOTES.
9. 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 STABLIZED PRIOR TO USE OF STORMWATER BMP.

LEGEND

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

MATCHLINE - SEE SHEET C2.2

MATCHLINE - SEE SHEET C2.3

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

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Boyle Athletic Field Complex Improvements

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AP 11 Lots 5,6,&7 and AP 12 Lot 1A

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Revisions

No.	Date	Description

DEMOLITION, EROSION & SEDIMENT CONTROL PLAN 1

C2.1

22039 - A4.0

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. 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 BEFORE ANY RELATED WORK MAY COMMENCE.
4. ALL TEMPORARILY CUT UTILITIES SHALL BE PROTECTED FROM SEDIMENTATION UNTIL IT IS CONNECTED IN ITS POST-CONSTRUCTION POSITION.
5. AN IRRIGATION SYSTEM IS LOCATED WITHIN THE PROJECT AREA. CONTRACTOR SHALL REMOVE AND DISPOSE IRRIGATION FACILITIES AS REQUIRED TO INSTALL PROPOSED IMPROVEMENTS. PROTECT IN-PLACE IRRIGATION FACILITIES THAT DO NOT CONFLICT WITH WORK.
6. REFER TO "CIVIL NOTES AND LEGEND" FOR ADDITIONAL NOTES.

LEGEND:

- PROTECT EXISTING TREE TO REMAIN.
- REMOVE & DISPOSE TREE. DISPOSE OF TREE AND STUMP OFF-SITE.
- TP — PRIOR TO COMMENCING WORK, CONTRACTOR SHALL EXCAVATE TEST PIT TO CONFIRM LOCATION, ELEVATION, AND SIZE OF UTILITY. PROVIDE INFORMATION TO ENGINEER.

EROSION AND 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 IS STABILIZED.
3. CONTRACTOR SHALL INSTALL AND MAINTAIN CONSTRUCTION ENTRANCES AT ALL POINTS OF EGRESS FROM THE SITE THROUGHOUT CONSTRUCTION.
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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. AT NO TIME SHALL CONTRACTOR TEMPORARILY STORE CONSTRUCTION MATERIAL, MACHINERY, OR RUNOFF WITHIN THE STORMWATER MANAGEMENT AREA. CONTRACTOR SHALL PROVIDE TEMPORARY MEASURES TO DIVERT RUNOFF TO TEMPORARY SEDIMENT TRAPS. THE SAND FILTERS SHALL BE TEMPORARILY GRADED TO THEIR TOP OF BERM ELEVATION. ONCE CONSTRUCTION AND GRADING ACTIVITIES NO LONGER REQUIRE CONSTRUCTION EQUIPMENT WITHIN THE FOOTPRINT, THE SAND FILTERS SHALL BE EXCAVATED TO SUBGRADE MATERIAL. 12" BELOW THE SUBGRADE SHALL BE SCARIFIED PRIOR TO PLACING IMPORTED SOILS. THROUGHOUT EXCAVATION AND INSTALLATION OF ALL REQUIRED MATERIAL, COMPOST FILTER SOCK SHALL BE INSTALLED AT THE TOE OF THE SLOPE AND UPGRADIENT OF THE WORK AREA UNTIL CONTRIBUTING AREA IS STABILIZED.
8. REFER TO "CIVIL NOTES AND LEGEND" FOR ADDITIONAL NOTES.
9. 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 STABLIZED PRIOR TO USE OF STORMWATER BMP.

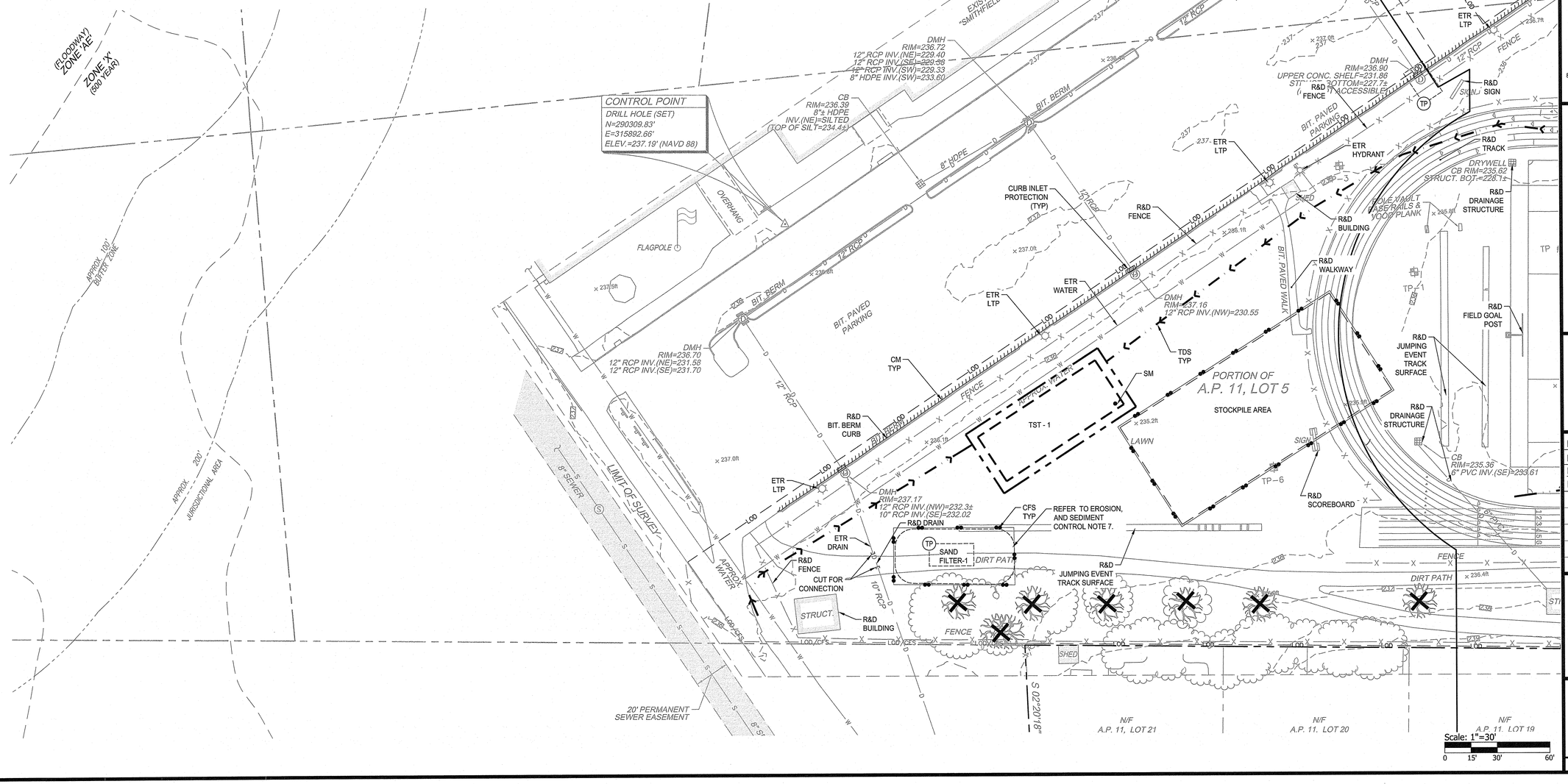
LEGEND

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

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

NOTE PER DEM:
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RI DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
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APPROVED WITH CONDITIONS AS SPECIFIED IN THE LETTER OF APPROVAL
DATED: MAY 30 2023 FILE #: 23-0051
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Nancy L. Freeman



SMITHFIELD HIGH SCHOOL
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RI Environmental Management
MAR 03 2023
Office of Water Resources

NOT FOR CONSTRUCTION

JOSEPH WEED
No. 11763
REGISTERED PROFESSIONAL ENGINEER (CIVIL)
3/1/23

Date: FEBRUARY 2023
Drawn by: AKL Proj. Mgr.: JW

Revisions

No.	Date	Description

DEMOLITION, EROSION & SEDIMENT CONTROL PLAN 2

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. 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 BEFORE ANY RELATED WORK MAY COMMENCE.
4. ALL TEMPORARILY CUT UTILITIES SHALL BE PROTECTED FROM SEDIMENTATION UNTIL IT IS CONNECTED IN ITS POST-CONSTRUCTION POSITION.
5. AN IRRIGATION SYSTEM IS LOCATED WITHIN THE PROJECT AREA. CONTRACTOR SHALL REMOVE AND DISPOSE IRRIGATION FACILITIES AS REQUIRED TO INSTALL PROPOSED IMPROVEMENTS. PROTECT IN-PLACE IRRIGATION FACILITIES THAT DO NOT CONFLICT WITH WORK.
6. REFER TO "CIVIL NOTES AND LEGEND" FOR ADDITIONAL NOTES.

LEGEND:

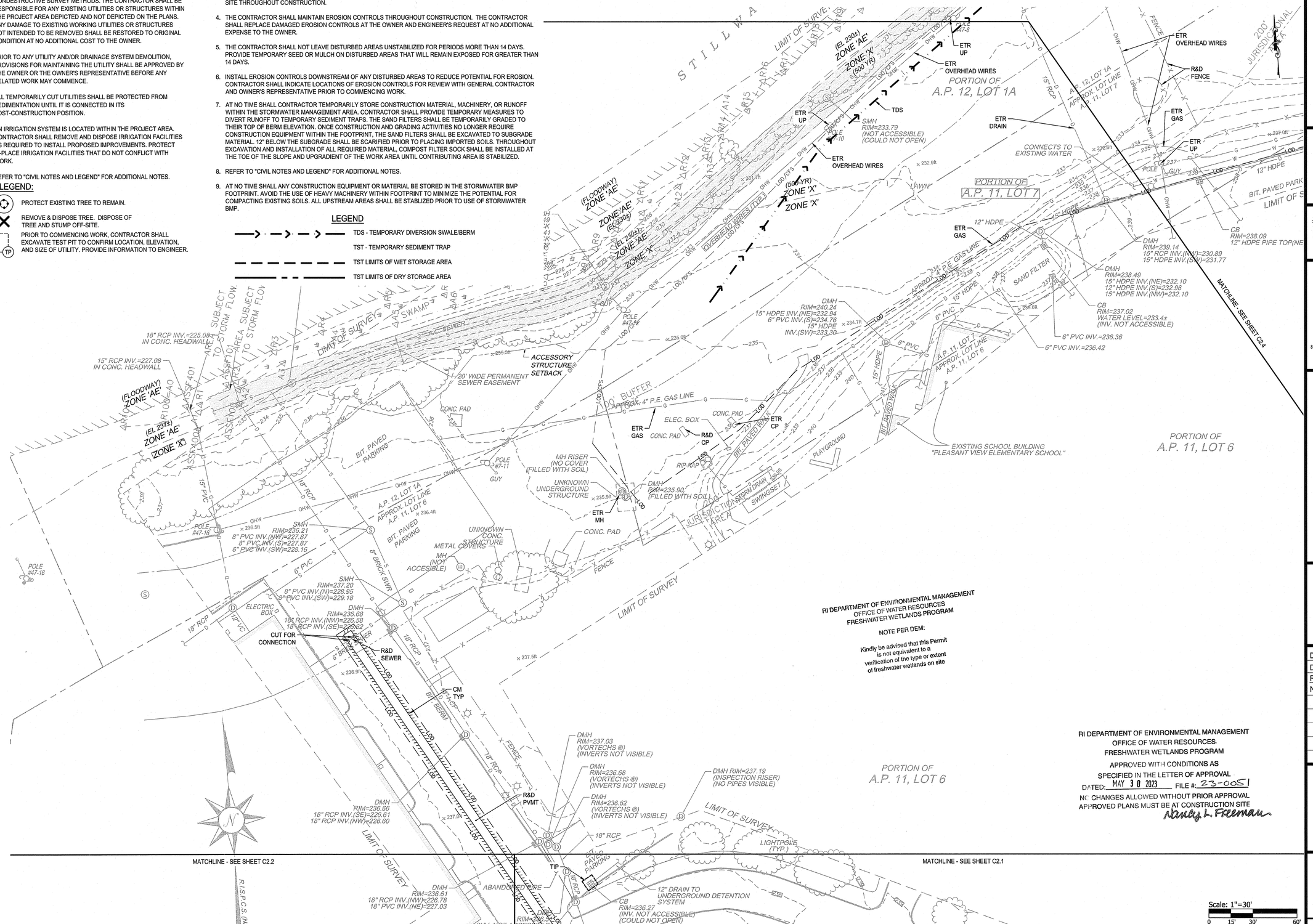
- PROTECT EXISTING TREE TO REMAIN.
- REMOVE & DISPOSE TREE. DISPOSE OF TREE AND STUMP OFF-SITE.
- PRIOR TO COMMENCING WORK, CONTRACTOR SHALL EXCAVATE TEST PIT TO CONFIRM LOCATION, ELEVATION, AND SIZE OF UTILITY. PROVIDE INFORMATION TO ENGINEER. (TP)

EROSION AND 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 IS 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.
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7. AT NO TIME SHALL CONTRACTOR TEMPORARILY STORE CONSTRUCTION MATERIAL, MACHINERY, OR RUNOFF WITHIN THE STORMWATER MANAGEMENT AREA. CONTRACTOR SHALL PROVIDE TEMPORARY MEASURES TO DIVERT RUNOFF TO TEMPORARY SEDIMENT TRAPS. THE SAND FILTERS SHALL BE TEMPORARILY GRADED TO THEIR TOP OF BERM ELEVATION. ONCE CONSTRUCTION AND GRADING ACTIVITIES NO LONGER REQUIRE CONSTRUCTION EQUIPMENT WITHIN THE FOOTPRINT, THE SAND FILTERS SHALL BE EXCAVATED TO SUBGRADE MATERIAL. 12" BELOW THE SUBGRADE SHALL BE SCARIFIED PRIOR TO PLACING IMPORTED SOILS. THROUGHOUT EXCAVATION AND INSTALLATION OF ALL REQUIRED MATERIAL, COMPOST FILTER SOCK SHALL BE INSTALLED AT THE TOE OF THE SLOPE AND UPGRADIENT OF THE WORK AREA UNTIL CONTRIBUTING AREA IS STABILIZED.
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Scale: 1"=30'
0 15' 30' 60'

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OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM

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RI Environmental Management
MAR 0 3 2023
Office of Water Resources

NOT FOR CONSTRUCTION

JOSEPH WEED
No. 11763
REGISTERED PROFESSIONAL ENGINEER (CIVIL)
3/2/23

Date: FEBRUARY 2023
Drawn by: AKL Proj. Mgr.: JW

Revisions

No.	Date	Description

DEMOLITION, EROSION & SEDIMENT CONTROL PLAN 3

C2.3

22039 - A4.0

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.
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4. ALL TEMPORARILY CUT UTILITIES SHALL BE PROTECTED FROM SEDIMENTATION UNTIL IT IS CONNECTED IN ITS POST-CONSTRUCTION POSITION.
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6. REFER TO "CIVIL NOTES AND LEGEND" FOR ADDITIONAL NOTES.

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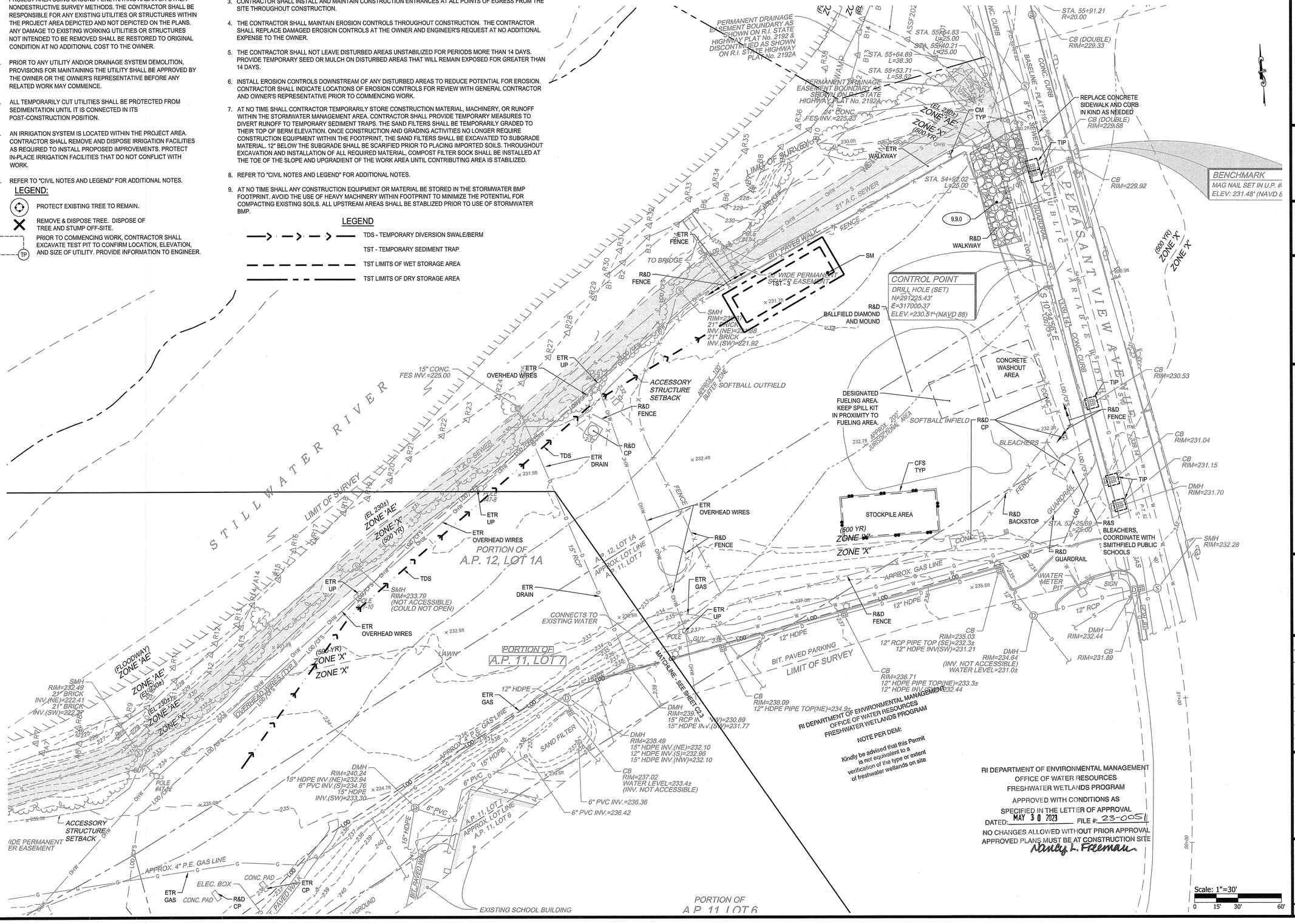
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EROSION AND SEDIMENT CONTROL NOTES:

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

NOTE PER DEM:

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RI Environmental Management
MAR 0 3 2023
Office of Water Resources

NOT FOR CONSTRUCTION

JOSEPH WEED
No. 11763
REGISTERED PROFESSIONAL ENGINEER (CIVIL)
2/24/23

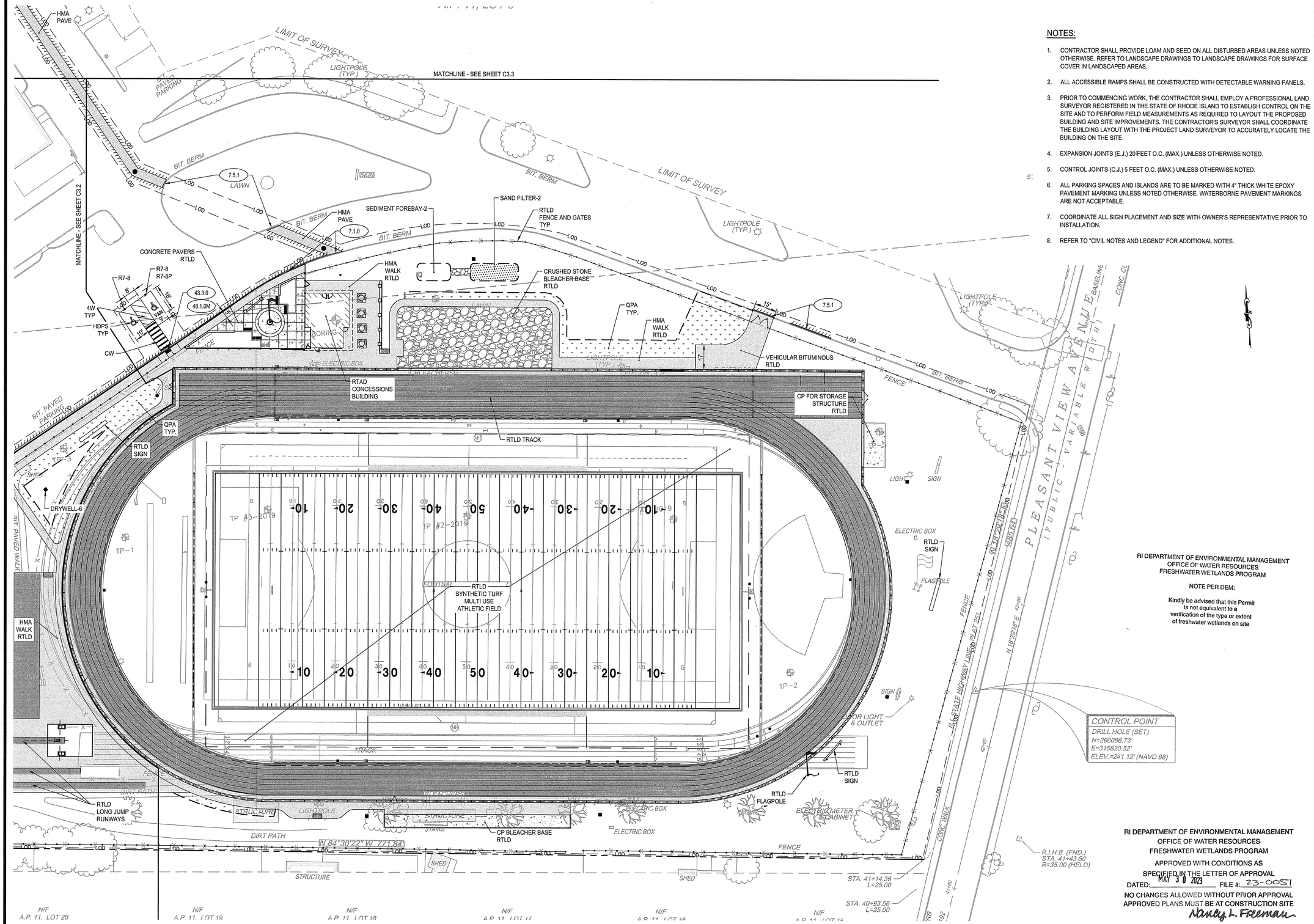
Date: FEBRUARY 2023
Drawn by: AKL Proj. Mgr.: JW

Revisions

No.	Date	Description

DEMOLITION, EROSION & SEDIMENT CONTROL PLAN 4

C2.4



NOTES:

1. CONTRACTOR SHALL PROVIDE LOAM AND SEED ON ALL DISTURBED AREAS UNLESS NOTED OTHERWISE. REFER TO LANDSCAPE DRAWINGS TO LANDSCAPE DRAWINGS FOR SURFACE COVER IN LANDSCAPED AREAS.
2. ALL ACCESSIBLE RAMPS SHALL BE CONSTRUCTED WITH DETECTABLE WARNING PANELS.
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. EXPANSION JOINTS (E.J.) 20' FEET O.C. (MAX.) UNLESS OTHERWISE NOTED.
5. CONTROL JOINTS (C.J.) 5 FEET O.C. (MAX.) UNLESS OTHERWISE NOTED.
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 ALL SIGN PLACEMENT AND SIZE WITH OWNER'S REPRESENTATIVE PRIOR TO INSTALLATION.
8. REFER TO "CIVIL NOTES AND LEGEND" FOR ADDITIONAL NOTES.

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RI Environmental Management
MAR 03 2023
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NOT FOR CONSTRUCTION

JOSEPH WEED
No. 11763
REGISTERED PROFESSIONAL ENGINEER (CIVIL)
3/9/23

Date: FEBRUARY 2023
Drawn by: AKL Proj. Mgr.: JW

Revisions

No.	Date	Description

GENERAL PLAN 1

C3.1

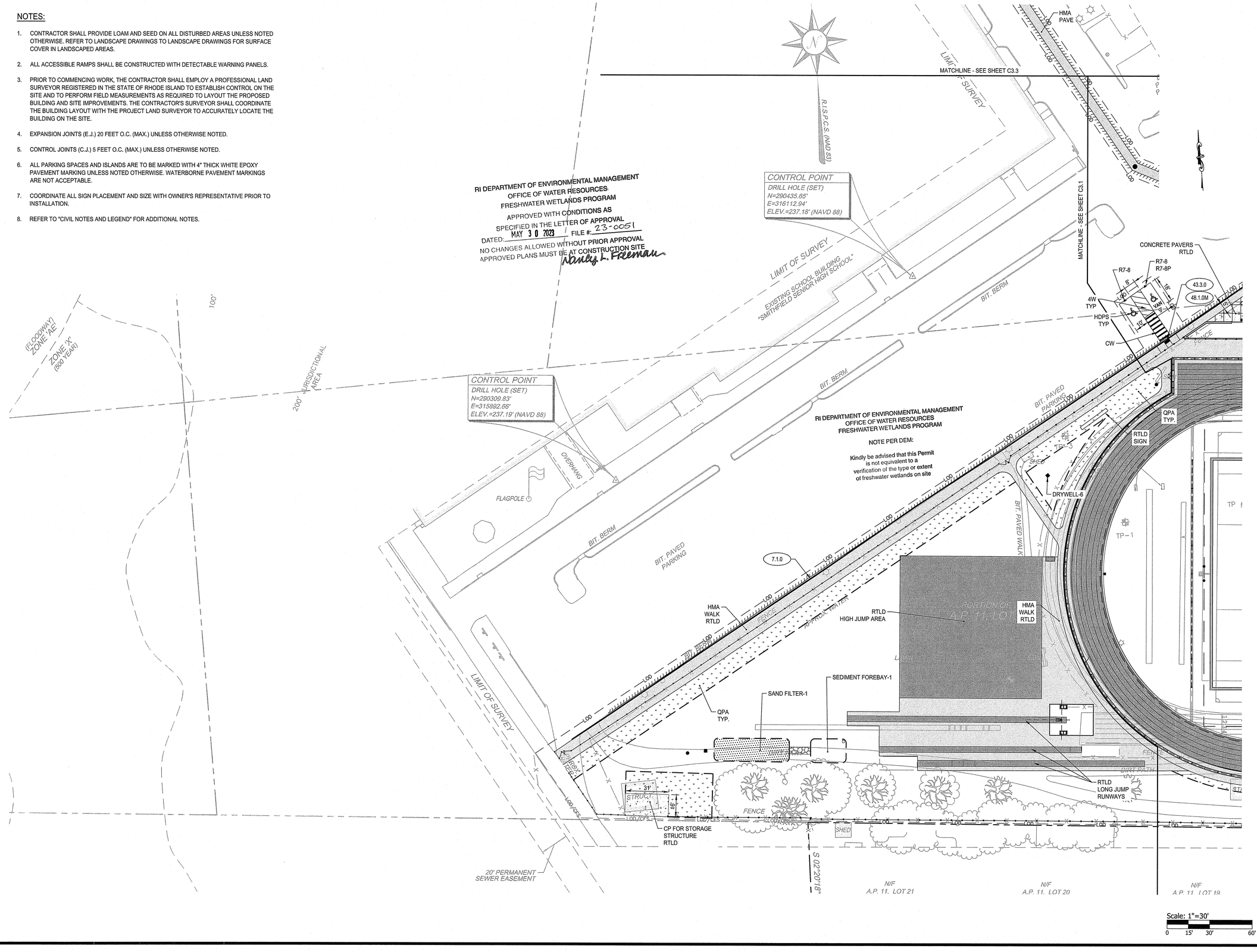
22039 - A4.0

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2/27/23

Date: FEBRUARY 2023
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Revisions

No.	Date	Description

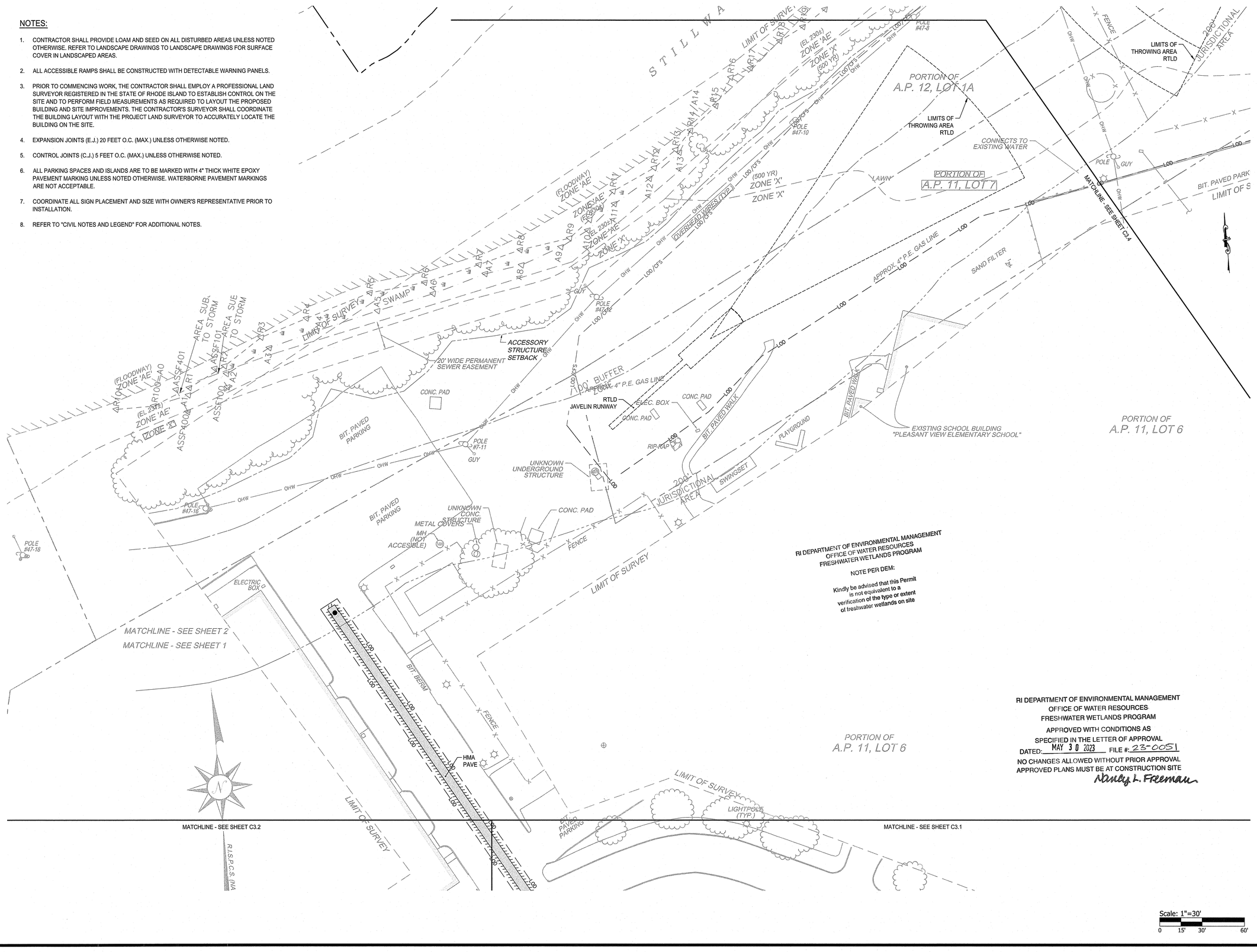
GENERAL PLAN 2

C3.2

22039 - A4.0

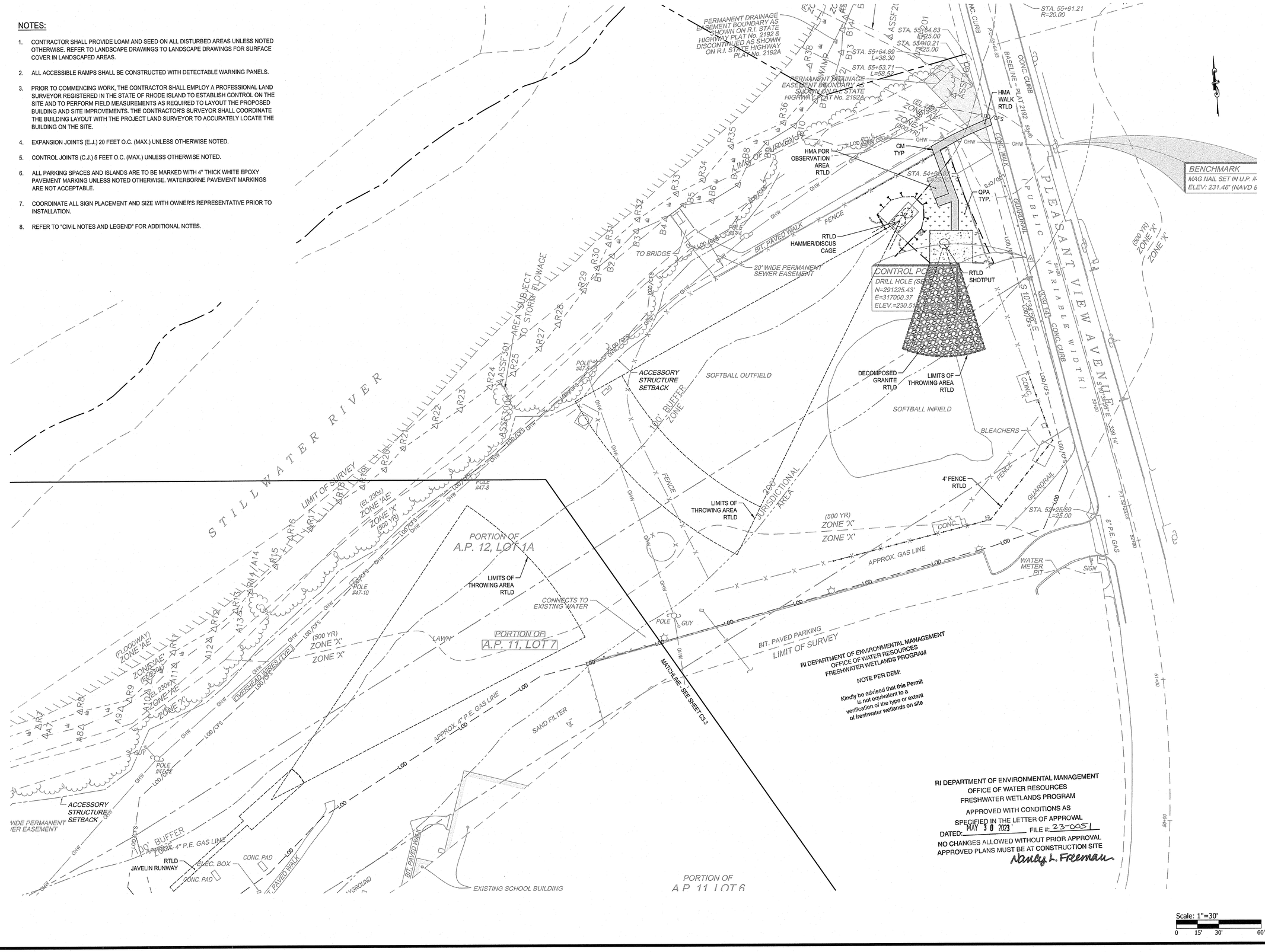
NOTES:

1. CONTRACTOR SHALL PROVIDE LOAM AND SEED ON ALL DISTURBED AREAS UNLESS NOTED OTHERWISE. REFER TO LANDSCAPE DRAWINGS TO LANDSCAPE DRAWINGS FOR SURFACE COVER IN LANDSCAPED AREAS.
2. ALL ACCESSIBLE RAMPS SHALL BE CONSTRUCTED WITH DETECTABLE WARNING PANELS.
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. EXPANSION JOINTS (E.J.) 20 FEET O.C. (MAX.) UNLESS OTHERWISE NOTED.
5. CONTROL JOINTS (C.J.) 5 FEET O.C. (MAX.) UNLESS OTHERWISE NOTED.
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 ALL SIGN PLACEMENT AND SIZE WITH OWNER'S REPRESENTATIVE PRIOR TO INSTALLATION.
8. REFER TO "CIVIL NOTES AND LEGEND" FOR ADDITIONAL NOTES.



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Boyle Athletic Field Complex Improvements

90 Pleasant View Avenue, Smithfield, R.I.
AP 11 Lots 5,6,&7 and AP 12 Lot 1A

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10 LINCOLN ROAD, SUITE 210, FOXBORO, MA 02035, 508-543-1755
14 BOBALA ROAD, SUITE 2B, HOLYOKE, MA 01040, 413.507.3448

RI Environmental Management
MAR 0 3 2023
Office of Water Resources

NOT FOR CONSTRUCTION

JOSEPH WEED
No. 11763
REGISTERED PROFESSIONAL ENGINEER (CIVIL)
3/29/23

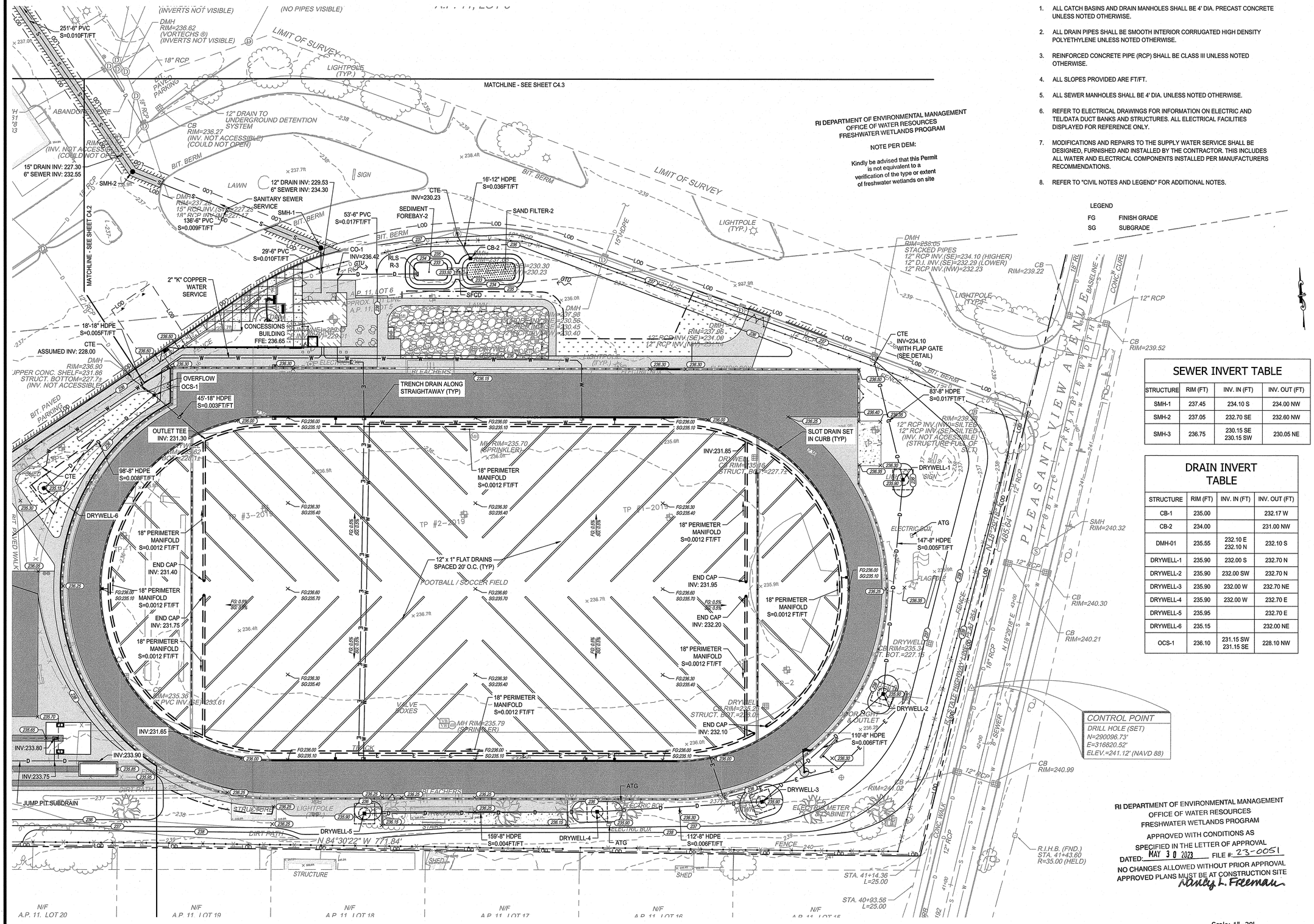
Date: FEBRUARY 2023
Drawn by: AKL Proj. Mgr.: JW
Revisions

No.	Date	Description

GENERAL PLAN 4

C3.4

22039 - A4.0



NOTES:

1. ALL CATCH BASINS AND DRAIN MANHOLES SHALL BE 4' DIA. PRECAST CONCRETE UNLESS NOTED OTHERWISE.
2. ALL DRAIN PIPES SHALL BE SMOOTH INTERIOR CORRUGATED HIGH DENSITY POLYETHYLENE UNLESS NOTED OTHERWISE.
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7. MODIFICATIONS AND REPAIRS TO THE SUPPLY WATER SERVICE SHALL BE DESIGNED, FURNISHED AND INSTALLED BY THE CONTRACTOR. THIS INCLUDES ALL WATER AND ELECTRICAL COMPONENTS INSTALLED PER MANUFACTURERS RECOMMENDATIONS.
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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

LEGEND

FG	FINISH GRADE
SG	SUBGRADE

SEWER INVERT TABLE

STRUCTURE	RIM (FT)	INV. IN (FT)	INV. OUT (FT)
SMH-1	237.45	234.10 S	234.00 NW
SMH-2	237.05	232.70 SE	232.60 NW
SMH-3	236.75	230.15 SE 230.15 SW	230.05 NE

DRAIN INVERT TABLE

STRUCTURE	RIM (FT)	INV. IN (FT)	INV. OUT (FT)
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DRYWELL-2	235.90	232.00 SW	232.70 N
DRYWELL-3	235.90	232.00 W	232.70 NE
DRYWELL-4	235.90	232.00 W	232.70 E
DRYWELL-5	235.95		232.70 E
DRYWELL-6	235.15		232.00 NE
OCS-1	236.10	231.15 SW 231.15 SE	228.10 NW

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

APPROVED WITH CONDITIONS AS SPECIFIED IN THE LETTER OF APPROVAL
DATED: MAY 30 2023 FILE #: 23-0051
NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL
APPROVED PLANS MUST BE AT CONSTRUCTION SITE
Mindy L. Freeman

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

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NOT FOR CONSTRUCTION

JOSEPH WEED
No. 11763
REGISTERED PROFESSIONAL ENGINEER (CIVIL)

Date: FEBRUARY 2023
Drawn by: AKL Proj. Mgr.: JW

Revisions

No.	Date	Description
1	2023-5-5	RTC

RI Department of Environmental Management
MAY - 8 2023
Office of Water Resources

GRADING, DRAINAGE & UTILITY PLAN 1

C4.1

NOTES:

1. ALL CATCH BASINS AND DRAIN MANHOLES SHALL BE 4' DIA. PRECAST CONCRETE UNLESS NOTED OTHERWISE.
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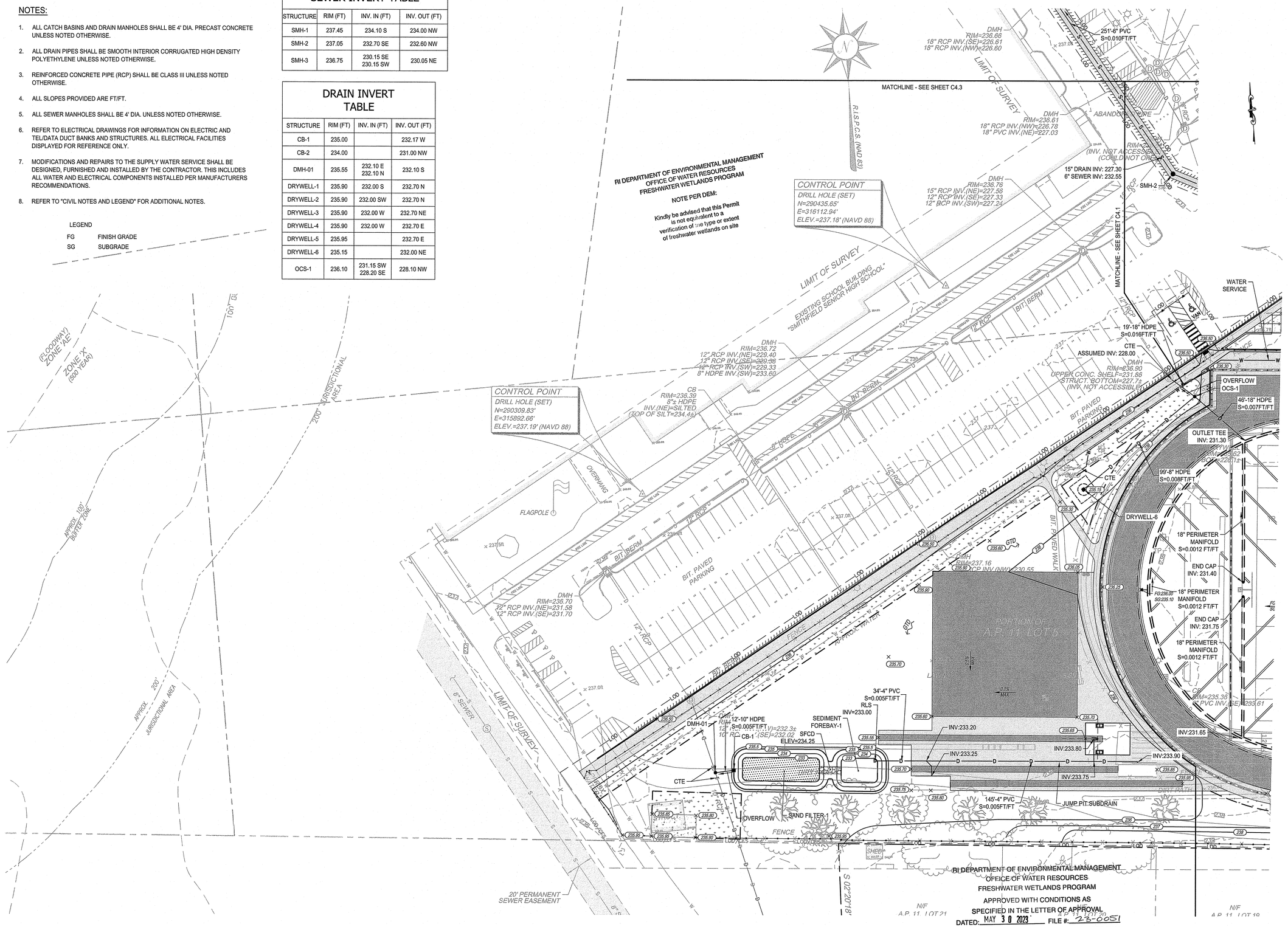
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RI Environmental Management
MAR 08 2023
Office of Water Resources

NOT FOR CONSTRUCTION

JOSEPH WEED
No. 11763
REGISTERED PROFESSIONAL ENGINEER (CIVIL)
3/7/23

Date: FEBRUARY 2023
Drawn by: AKL Proj. Mgr.: JW
Revisions

No.	Date	Description

GRADING, DRAINAGE & UTILITY PLAN 2

C4.2

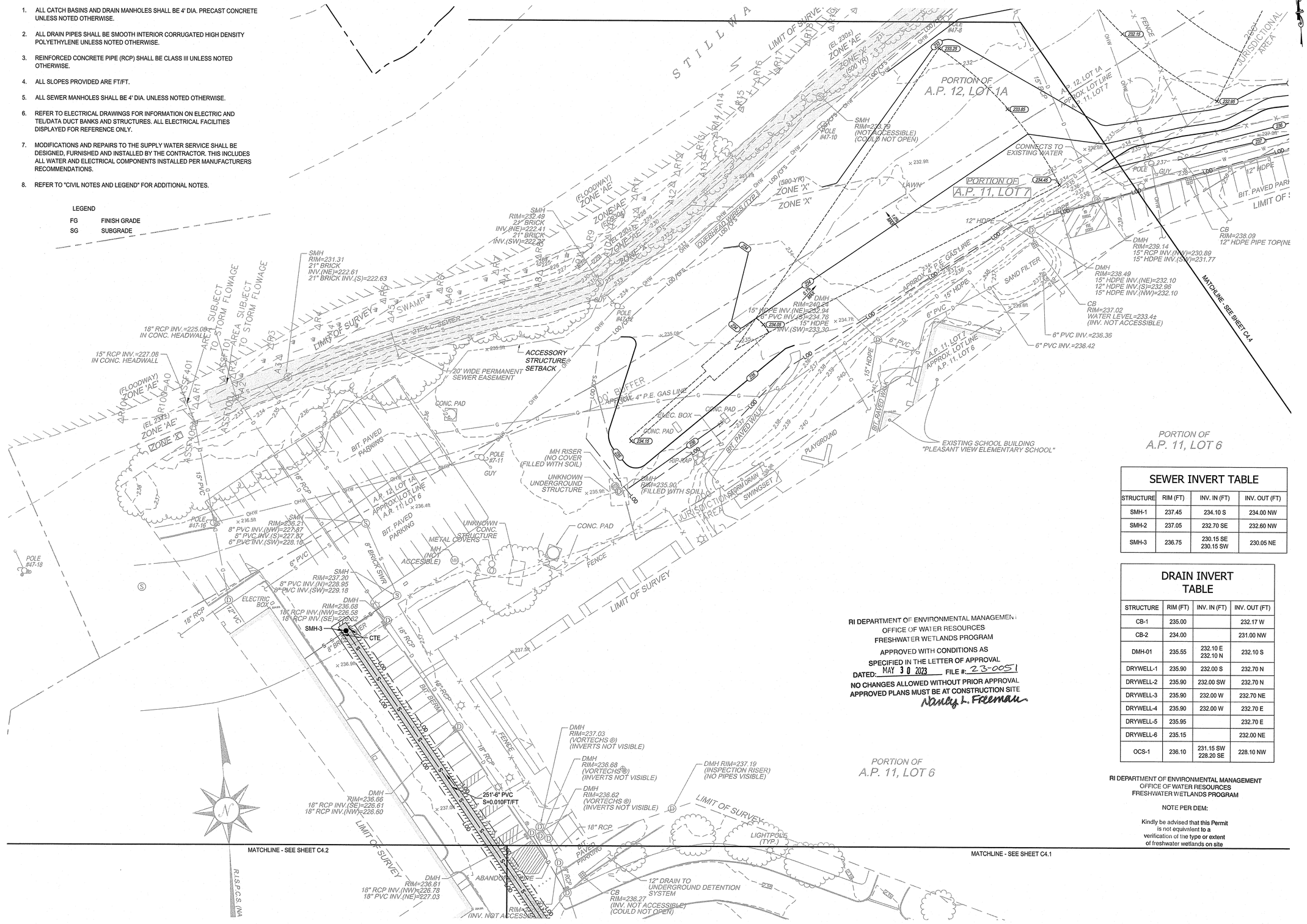
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RI DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM

APPROVED WITH CONDITIONS AS SPECIFIED IN THE LETTER OF APPROVAL

DATED: MAY 30 2023 FILE #: 23-0051

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Nancy L. Freeman

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RI Environmental Management
MAR 08 2023
Office of Water Resources

NOT FOR CONSTRUCTION

JOSEPH WEED
No. 11763
REGISTERED PROFESSIONAL ENGINEER (CIVIL) 3/8/23

Date: FEBRUARY 2023
Drawn by: AKL Proj. Mgr.: JW
Revisions

No.	Date	Description

GRADING, DRAINAGE & UTILITY PLAN 3

C4.3

22039 - A4.0

15 of 38

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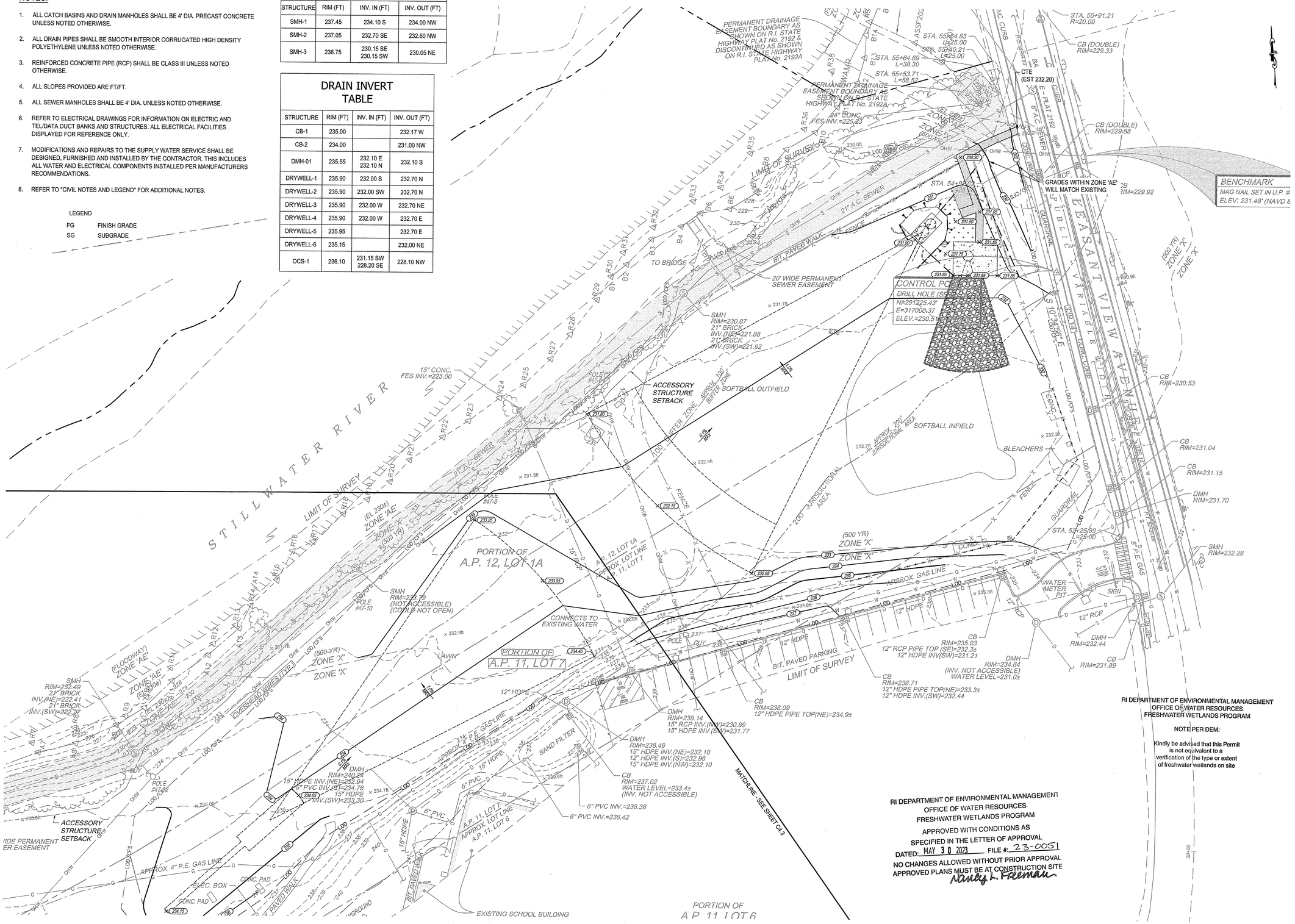
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MAR 0 8 2023
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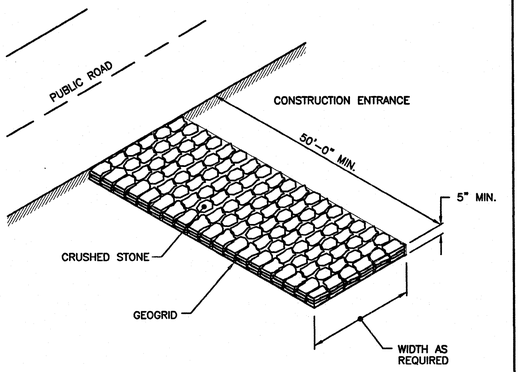
Date: FEBRUARY 2023
Drawn by: AKL Proj. Mgr.: JW
Revisions

No.	Date	Description

GRADING, DRAINAGE & UTILITY PLAN 4

C4.4

22039 - A4.0



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

RHODE ISLAND DEPARTMENT OF TRANSPORTATION

REVISIONS		
NO.	BY	DATE

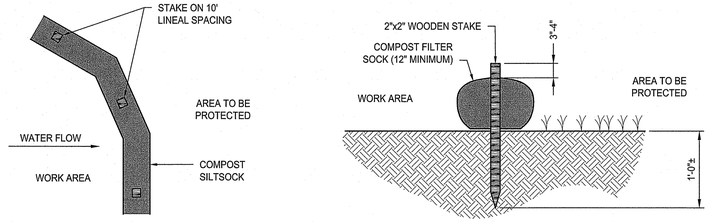
CONSTRUCTION ACCESS

JUNE 15, 1998
ISSUE DATE

CHIEF ENGINEER TRANSPORTATION

CHIEF DESIGN ENGINEER TRANSPORTATION

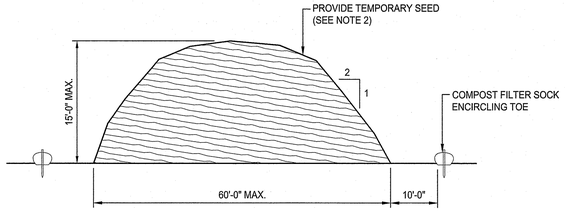
R.I. STANDARD 9.9.0



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.

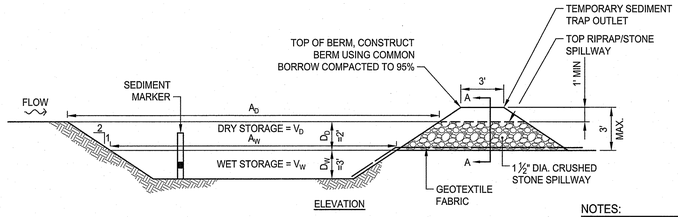
COMPOST FILTER SOCK DETAIL
NOT TO SCALE



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

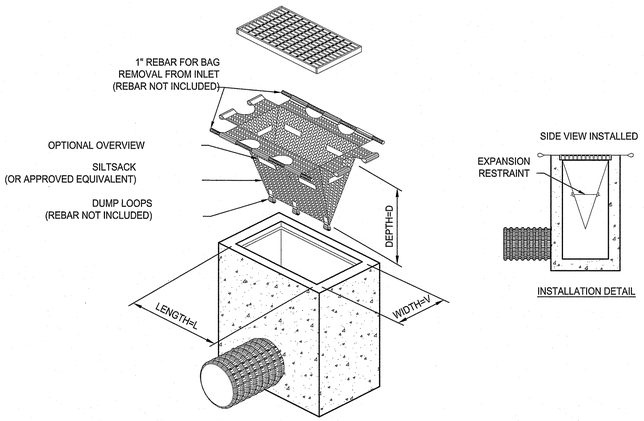


TST #	L_W (FT)	W_W (FT)	A_W (SF)	V_W (CF)	V_D (CF)	TOTAL STORAGE $V_W + V_D$ (CF)
TST-1	80	30	2400	6120	5744	11864
TST-2	80	30	2400	6120	5744	11864
TST-3	70	20	1400	3570	3584	7154

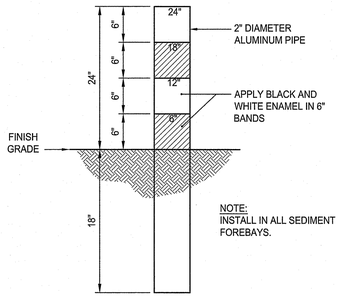
NOTES:

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.

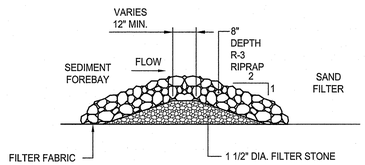
TEMPORARY SEDIMENT TRAP DETAIL
NOT TO SCALE



TEMPORARY INLET PROTECTION
NOT TO SCALE

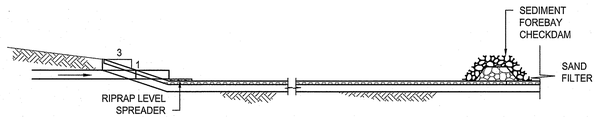


SEDIMENT MARKER DETAIL
NOT TO SCALE



SEDIMENT FOREBAY CHECK DAM
NOT TO SCALE

RI DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
APPROVED WITH CONDITIONS AS SPECIFIED IN THE LETTER OF APPROVAL
DATED: MAY 30 2023 FILE #: 23-0051
NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL
APPROVED PLANS MUST BE AT CONSTRUCTION SITE
Wendy L. Freeman



SEDIMENT FOREBAY DETAIL
NOT TO SCALE

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

NOTE PER DEM:

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SMITHFIELD HIGH SCHOOL
Boyle Athletic Field Complex Improvements

90 Pleasant View Avenue, Smithfield, R.I.
AP 11 Lots 5,6,&7 and AP 12 Lot 1A

SMITHFIELD PUBLIC SCHOOLS
49 Farnum Pike, Rhode Island

ROWSE Architects
400 Massasoit Avenue, Suite 300, Second Floor
East Providence, Rhode Island
p. (401) 331-9200

2 Hampshire Street, Suite 106, First Floor
Foxboro, Massachusetts
p. (774) 215-0290
rowse@rowsearchitects.com

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PARE CORPORATION
ENGINEERS - SCIENTISTS - PLANNERS
8 BLACKSTONE VALLEY PLACE, LINCOLN, RI 02865, 401-334-4100
10 LINCOLN ROAD, SUITE 210, FOXBORO, MA 02035, 508-543-1725
14 BOBALA ROAD, SUITE 2B, HOLYOKE, MA 01040, 413.507.3448

RI Environmental Management
MAR 0 3 2023
Office of Water Resources

NOT FOR CONSTRUCTION

JOSEPH WEED
No. 11763
REGISTERED PROFESSIONAL ENGINEER (CIVIL)
2/8/23

Date: FEBRUARY 2023
Drawn by: AKL Proj. Mgr.: JW

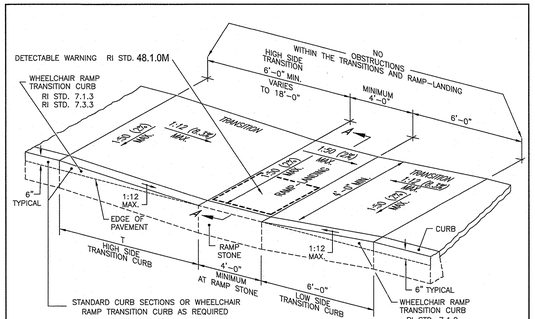
Revisions

No.	Date	Description

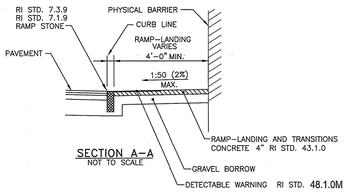
DETAILS 1

C5.1

22039 - A4.0



ISOMETRIC VIEW
NOT TO SCALE



SECTION A–A
NOT TO SCALE

ROADWAY PROFILE GRADE	T (FT.)
0.00	6.0
0.01	7.0
0.02	8.0
0.03	9.5
0.04	11.5
0.05	15.0
> 0.05	18.0

NOTES:
1. THIS DETAIL MAY BE USED WHEN A PHYSICAL BARRIER IS PRESENT AND THERE IS INSUFFICIENT ROOM TO PROPERLY CONSTRUCT AN ADA ACCESSIBLE RAMP AND LANDING; A TECHNICAL INFEASIBILITY FINDING IS REQUIRED.
2. SHALL BE IN ACCORDANCE WITH SECTION 905 OF THE RI STANDARD SPECIFICATIONS.
3. THE RAMP–LANDING AND TRANSITIONS SHALL BE FREE OF OBSTRUCTIONS.
4. LOCATION OF THE RAMP–LANDING IS AS SHOWN ON CONTRACT DRAWINGS.
5. AN UNOBSTRUCTED PEDESTRIAN ACCESS ROUTE (PATH OF TRAVEL) WITH A MINIMUM WIDTH OF 4'–0" SHALL BE MAINTAINED.
6. THE ENTRANCE OF THE RAMP–LANDING SHALL BE FLUSH WITH THE PAVEMENT.
7. MINIMUM LENGTH OF STRAIGHT OR CIRCULAR FILLER PIECES TO BE 3'–0" (GREATER LENGTHS PREFERRED).
8. ALL REQUIRED CUTTING OF CURB PIECES TO BE PAID FOR UNDER COST OF CURB.
9. DETECTABLE WARNINGS TO BE PAID FOR UNDER SECTION 942 OF THE RI STANDARD SPECIFICATIONS

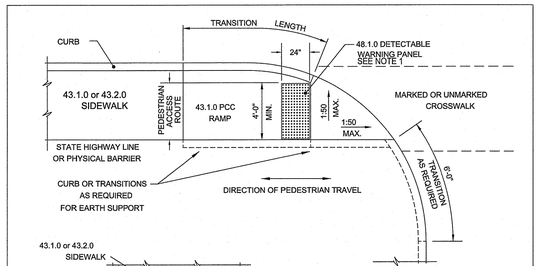
RHODE ISLAND DEPARTMENT OF TRANSPORTATION

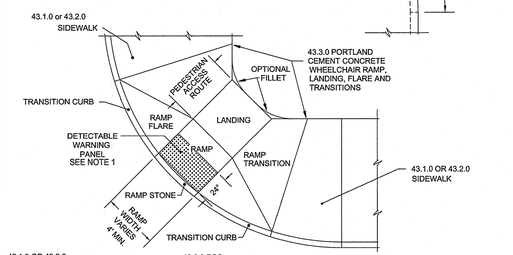
REVISIONS NO.	BY	DATE

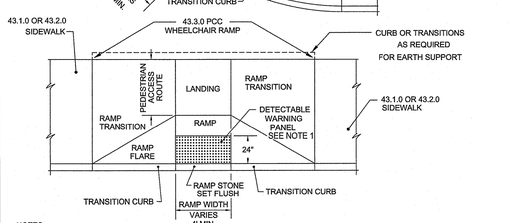
RAMP–LANDING FOR NARROW SIDEWALK

CHIEF ENGINEER TRANSPORTATION — CHIEF TRAFFIC ENGINEER TRANSPORTATION — MARCH 31, 2015 ISSUE DATE

R.I. STANDARD 43.3.2M







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

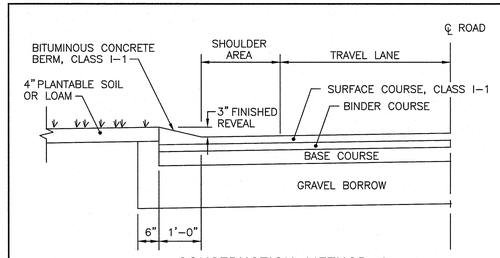
RHODE ISLAND DEPARTMENT OF TRANSPORTATION

REVISIONS NO.	BY	DATE
1	MLP	Mar 2005
2	MLP	Sep 2012

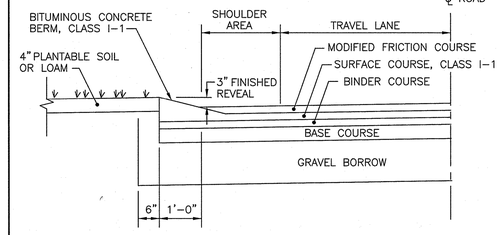
DETECTABLE WARNING PANEL PLACEMENT

CHIEF ENGINEER TRANSPORTATION — CHIEF DESIGN ENGINEER TRANSPORTATION — JUNE 15, 1998 ISSUE DATE

R.I. STANDARD 48.1.0M



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.

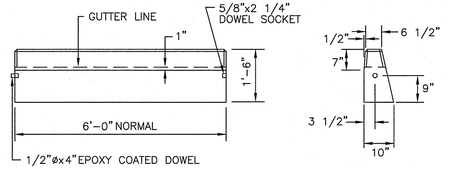
RHODE ISLAND DEPARTMENT OF TRANSPORTATION

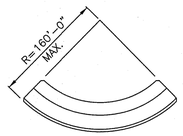
REVISIONS NO.	BY	DATE
1	MLP	Mar 05

BITUMINOUS BERM

CHIEF ENGINEER TRANSPORTATION — CHIEF DESIGN ENGINEER TRANSPORTATION — JUNE 15, 1998 ISSUE DATE

R.I. STANDARD 7.5.1





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 OF MORE THAN 160'–0" RADIUS.
5. EXPOSED EDGES TO HAVE A 3/4" CHAMFER.

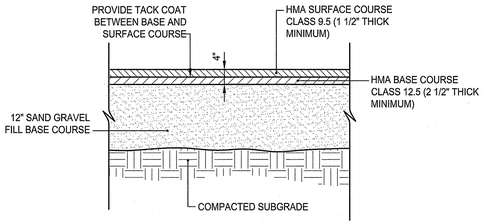
RHODE ISLAND DEPARTMENT OF TRANSPORTATION

REVISIONS NO.	BY	DATE
1	MLP	Mar 05

PRECAST CONCRETE CURB

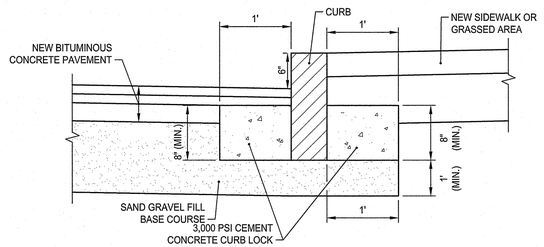
CHIEF ENGINEER TRANSPORTATION — CHIEF DESIGN ENGINEER TRANSPORTATION — JUNE 15, 1998 ISSUE DATE

R.I. STANDARD 7.1.0



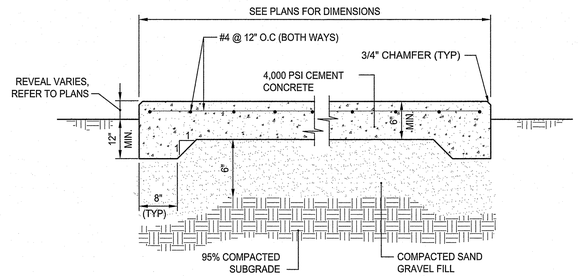
NOTE:
1. SUBMIT JOB MIX FORMULAS TO ENGINEER FOR APPROVAL PRIOR TO PLACEMENT.

HOT MIX ASPHALT PAVEMENT
NOT TO SCALE



NOTES:
1. SHALL BE IN ACCORDANCE WITH SECTION 906 OF THE R.I. STANDARD SPECIFICATIONS.
2. PROVIDE CEMENT CONCRETE CURB LOCK ON ALL CURBS

CURB SETTING DETAIL
NOT TO SCALE



NOTES:
1. 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.
2. CONTRACTOR SHALL COORDINATE LOCATIONS OF OPENINGS, FENCE POSTS, OR OTHER FEATURES IN SLAB.

CEMENT CONCRETE PAD
NOT TO SCALE

RI DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
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10 LINCOLN ROAD, SUITE 210 FOXBORO, MA 02035 508-543-1755
14 BOBIKA ROAD, SUITE 2B HOLYOKE, MA 01040 413.507.3448

RI Environmental Management
MAR 0 8 2023
Office of Water Resources

NOT FOR CONSTRUCTION

JOSEPH WEED
No. 11763
REGISTERED PROFESSIONAL ENGINEER (CIVIL)
3/7/23

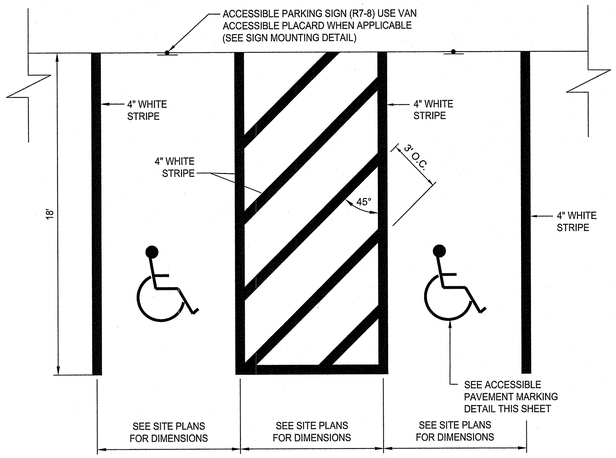
Date: FEBRUARY 2023
Drawn by: AKL Proj. Mgr.: JW
Revisions

No.	Date	Description

DETAILS 2

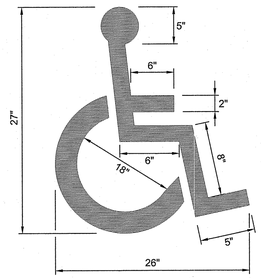
C5.2

22039 - A4.0



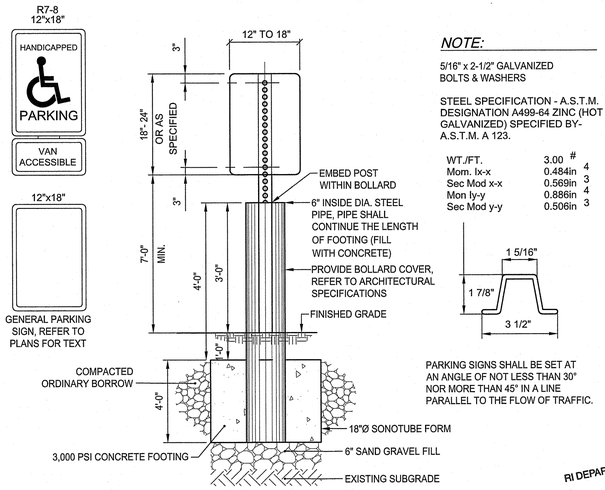
NOTES:
1. ALL PAVEMENT MARKINGS TO BE EPOXY RESIN.

ACCESSIBLE PARKING STALLS @ 90°
NOT TO SCALE



NOTE:
ACCESSIBLE PARKING AND SIGNAGE SHALL BE IN CONFORMANCE WITH THE RULES & REGULATIONS OF THE AMERICANS WITH DISABILITIES ACT.

ACCESSIBLE PAVEMENT MARKING
NOT TO SCALE



NOTE:

5/16" x 2-1/2" GALVANIZED BOLTS & WASHERS

STEEL SPECIFICATION - A.S.T.M. DESIGNATION A499-64 ZINC (HOT GALVANIZED) SPECIFIED BY-A.S.T.M. A 123.

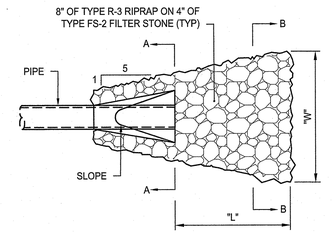
WT./FT.	3.00	#
Mom. Ix-x	0.484in	4
Sec Mod x-x	0.569in	3
Mon Iy-y	0.886in	4
Sec Mod y-y	0.506in	3

PARKING SIGNS SHALL BE SET AT AN ANGLE OF NOT LESS THAN 30° NOR MORE THAN 45° IN A LINE PARALLEL TO THE FLOW OF TRAFFIC.

SIGN MOUNTING NOTES:
1. ALL LAG SCREWS, BOLTS AND WASHERS SHALL BE GALVANIZED 5/16"x2 1/2" LONG UNLESS OTHERWISE NOTED.
2. WASHERS SHALL BE 0.07" THICK
3. ALL SIGN COLORS, RADII AND BORDERS AS SPECIFIED IN "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES."
4. SHALL BE IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS.
5. PARKING SIGNS SHALL BE SET AT AN ANGLE OF NOT LESS THAN 30° NOT MORE THAN 45° WITH A LINE PARALLEL TO FLOW OF TRAFFIC, 1'-6" (1'-0" MIN.) FROM THE EDGE OF CURB FACE.

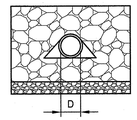
HANDICAP SIGN NOTES:
1. ALL HANDICAP PARKING AND SIGNAGE SHALL BE IN CONFORMANCE WITH THE RULES & REGULATIONS AS SPECIFIED BY THE AMERICAN DISABILITES ACT (ADA) AND VA SUPPLEMENT PC 18-13.
2. SIGN(S) SHALL BE LOCATED SO THEY CANNOT BE OBSCURED BY A VEHICLE PARKED IN THE SPACE.
3. FOR HANDICAPPED VAN SPACE USE SIGN AS DETAILED.
4. FOR HANDICAPPED SPACE FOR AUTOMOBILES USE ONLY HANDICAPPED PARKING SIGN.

SIGN WITH BOLLARD MOUNTING
NOT TO SCALE

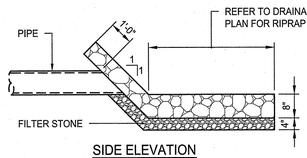


PLAN

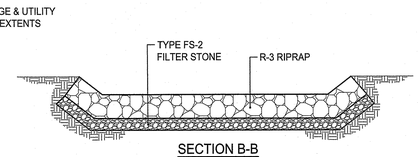
	L	W
1	2	3
2	1.5	2



SECTION A-A



SIDE ELEVATION



SECTION B-B

NOTE:
RIPRAP AND FILTER STONE SIZE TO BE DETERMINED

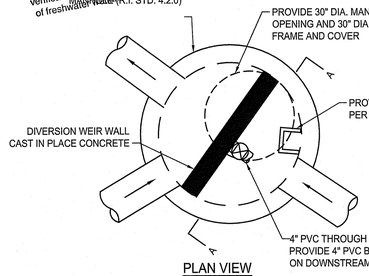
RIPRAP LEVEL SPREADER
NOT TO SCALE

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

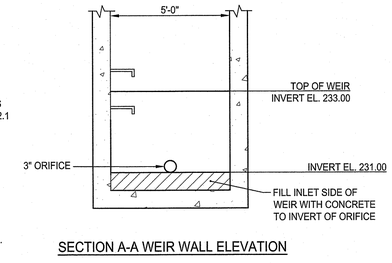
NOTE PER DEM:

Kindly be advised that this Permit is not equivalent to a verification of the location of freshwater wetlands (R.I. STD. 4.2.0)

PRECISION OF WATER



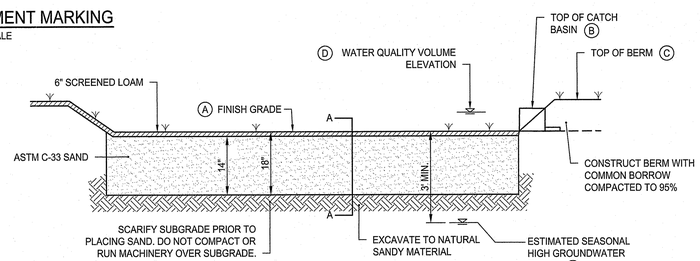
PLAN VIEW

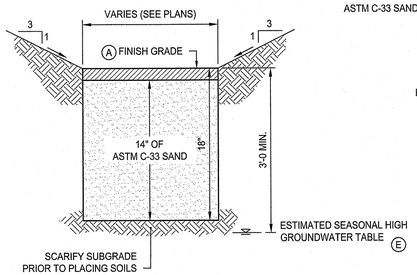


SECTION A-A WEIR WALL ELEVATION

OUTLET CONTROL STRUCTURE (OCS)
NOT TO SCALE

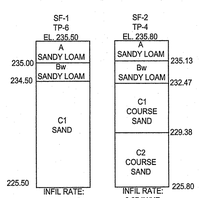
RI DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
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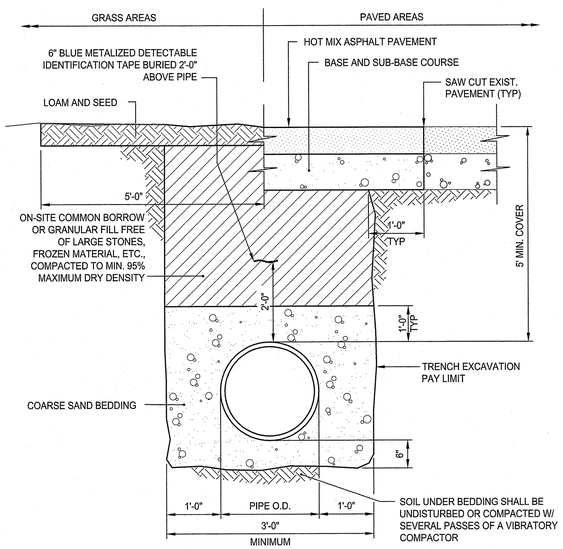
SECTION A-A

	SF-1	SF-2
A	233.00	233.00
B	235.00	234.00
C	235.50	235.00
D	232.47	231.88
E	225.50	225.80



SAND FILTER DETAIL
NOT TO SCALE

SAND FILTER NOTES:
1. ABSOLUTELY NO RUNOFF SHALL ENTER THE SAND FILTER AREA UNTIL ALL CONTRIBUTING DRAINAGE AREAS HAVE BEEN STABILIZED.
2. CONSTRUCTION EQUIPMENT AND TRAFFIC SHALL BE RESTRICTED FROM TRAVELING OVER THE SAND FILTER AREA TO MINIMIZE COMPACTION OF THE SOILS.
3. IF NECESSARY, UTILIZE LIGHT-TRACKED EQUIPMENT WHEN EXCAVATING WITHIN THE SAND FILTER AREA TO AVOID COMPACTION OF THE BASIN FLOOR.
4. 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.
5. CONTRACTOR SHALL CONTACT THE ENGINEER 48 HOURS PRIOR TO EXPOSING THE SUBGRADE TO COORDINATE ENGINEER'S OBSERVATION OF SUBGRADE.
6. CONSTRUCTION OF THE SYSTEM SHALL NOT COMMENCE UNTIL ENGINEER OBSERVES SUBGRADE AND BACKFILL MEDIA AND GRANTS PERMISSION TO PROCEED.
7. SEED WITHIN SAND FILTER SHALL BE NATIVE SEED MIX PER R.I. STD. M.18.10.6.
8. SCREENED LOAM SHALL PLACED ABOVE THE SAND FILTER MEDIA SHALL CONFORM TO "LOAMY SAND" PER USDA TEXTURAL CLASSIFICATION SYSTEM.



NOTES:
1. 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.
2. PIPE SHALL BE BEDDED IN 3/4-INCH CRUSHED STONE IF WITHIN GROUNDWATER.

TYPICAL WATER MAIN TRENCH DETAIL
NOT TO SCALE

SMITHFIELD HIGH SCHOOL
Boyle Athletic Field Complex Improvements

90 Pleasant View Avenue, Smithfield, R.I.
AP 11 Lots 5,6,&7 and AP 12 Lot 1A

SMITHFIELD PUBLIC SCHOOLS
49 Farnum Pike, Rhode Island

ROWSE Architects
400 Massasoit Avenue, Suite 300, Second Floor, East Providence, Rhode Island, p. (401) 331-9200
2 Hampshire Street, Suite 106, First Floor, Foxboro, Massachusetts, p. (774) 215-0290
rowse@rowsearchitects.com

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ENGINEERS - SCIENTISTS - PLANNERS
8 BLACKSTONE VALLEY PLACE, LINCOLN, RI 02865, 401-334-4100
10 LINCOLN ROAD, SUITE 210, FOXBORO, MA 02035, 508-543-1755
14 BOBALA ROAD, SUITE 2B, HOLYOKE, MA 01040, 413.507.3448

RI Environmental Management
MAR 0 8 2023
Office of Water Resources

NOT FOR CONSTRUCTION

JOSEPH WEED
No. 11763
REGISTERED PROFESSIONAL ENGINEER (CIVIL)
3/7/23

Date: FEBRUARY 2023
Drawn by: AKL Proj. Mgr.: JW
Revisions

No.	Date	Description

DETAILS 3

C5.3

22039 - A4.0

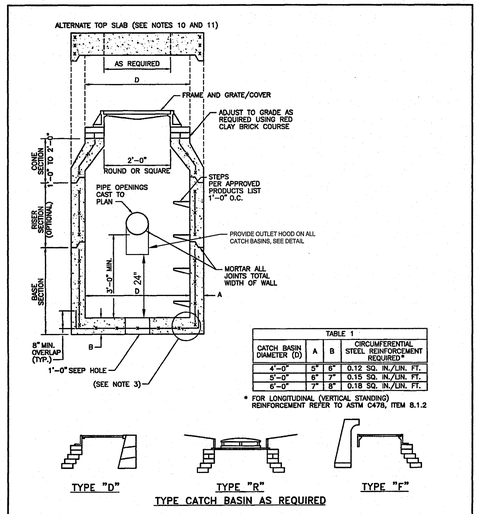


TABLE 1

CATCH BASIN DIAMETER (D)	A	B	CIRCUMFERENTIAL STEEL REINFORCEMENT REQUIRED*
4'-0"	5"	6"	0.12 SQ. IN./LIN. FT.
5'-0"	6"	7"	0.15 SQ. IN./LIN. FT.
6'-0"	7"	8"	0.18 SQ. IN./LIN. FT.

* FOR LONGITUDINAL (VERTICAL STANDING) REINFORCEMENT REFER TO ASTM C478, ITEM 8.1.2

TYPE CATCH BASIN AS REQUIRED

NOTES:
1. SHALL BE IN ACCORDANCE WITH SECTION 702 OF THE R.I. STANDARD SPECIFICATIONS.
2. SEE TABLE 1 FOR STEEL REINFORCEMENT REQUIREMENTS.
3. STEEL REINFORCEMENT FOR BASE SECTION BOTTOM SHALL BE A MINIMUM OF 0.12 SQ. IN./LIN. FT. (BOTH WAYS).
4. STEPS SHALL CONFORM TO STD. 5.3.0 AND SHALL BE INSTALLED AT THE CASTING PLANT.
5. ONE POUR MONOLITHIC BASE SECTION.
6. ANY NECESSARY ADJUSTMENTS DURING CONSTRUCTION WILL BE DONE BY SAW-CUTTING AND/OR CORING ONLY. NO JACKHAMMERS, HAMMERS AND CHISELS OR PNEUMATIC TOOLS WILL BE ALLOWED.
7. CORBEL MADE OF RED CLAY BRICK WILL BE PERMITTED FOR THE "CONE SECTION" OF THE 4'-0"CATCH BASIN ONLY.
8. FOR CATCH BASIN TYPES "D" AND "F" STEPS MUST BE INSTALLED ON THE CURB SIDE OF THE STRUCTURE.
9. THE CENTERLINE OF THE OPENING MUST BE WITHIN 2'-0" FROM THE STEPS.
10. ALTERNATE TOP SLAB IS STEEL REINFORCED TO MEET OR EXCEED H-25 LOADING (SEE STD. 4.7.2).
11. ALTERNATE TOP SLAB IS ONLY FOR USE WHEN REDUCING SECTION DOES NOT FIT BECAUSE OF STRUCTURE DEPTH.
12. REFER TO STD. 5.2.0 FOR MAXIMUM PIPE SIZES.
13. PROVIDE SQUARE CATCH BASIN FRAME & GRATE ON ALL CATCH BASINS.

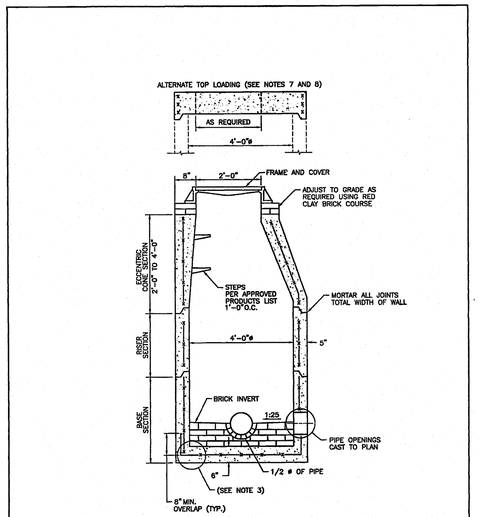
RHODE ISLAND DEPARTMENT OF TRANSPORTATION

REVISIONS: NO. | BY | DATE

PRECAST 4'-0", 5'-0", OR 6'-0" ROUND CATCH BASIN

JUNE 15, 1998 ISSUE DATE

R.I. STANDARD 4.4.0M



NOTES:
1. SHALL BE IN ACCORDANCE WITH SECTION 702 OF THE R.I. STANDARD SPECIFICATIONS.
2. CIRCUMFERENTIAL STEEL REINFORCEMENT REQUIRED = 0.12 SQ. IN. / LIN. FT. MINIMUM.
3. STEEL REINFORCEMENT FOR BASE SECTION BOTTOM SHALL BE A MINIMUM OF 0.12 SQ. IN/LIN. FT. (BOTH WAYS).
4. ONE POUR MONOLITHIC BASE SECTION.
5. ANY NECESSARY ADJUSTMENTS DURING CONSTRUCTION WILL BE DONE BY SAW-CUTTING AND/OR CORING ONLY. NO JACKHAMMERS, HAMMERS AND CHISELS OR PNEUMATIC TOOLS WILL BE ALLOWED.
6. STEPS SHALL CONFORM TO STD. 5.3.0 AND SHALL BE INSTALLED AT THE CASTING PLANT.
7. ALTERNATE TOP SLAB IS STEEL REINFORCED TO MEET OR EXCEED H=25 LOADING (SEE STD. 4.7.2).
8. ALTERNATE TOP SLAB IS ONLY FOR USE WHEN REDUCING SECTION DOES NOT FIT BECAUSE OF STRUCTURE DEPTH.
9. REFER TO STD. 5.2.0 FOR MAXIMUM PIPE SIZES.

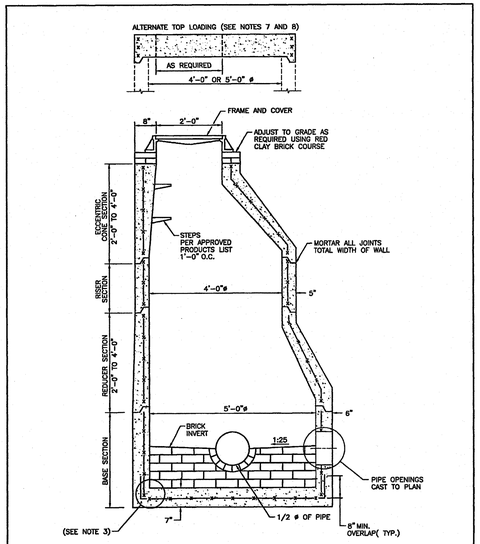
RHODE ISLAND DEPARTMENT OF TRANSPORTATION

REVISIONS: NO. | BY | DATE

PRECAST 4'-0" ROUND MANHOLE

JUNE 15, 1998 ISSUE DATE

R.I. STANDARD 4.2.0



NOTES:
1. SHALL BE IN ACCORDANCE WITH SECTION 702 OF THE R.I. STANDARD SPECIFICATIONS.
2. CIRCUMFERENTIAL STEEL REINFORCEMENT REQUIRED = 0.15 SQ. IN./LIN. FT. MINIMUM.
3. STEEL REINFORCEMENT FOR BASE SECTION BOTTOM SHALL BE A MINIMUM OF 0.12 SQ. IN./LIN. FT. (BOTH WAYS).
4. ONE POUR MONOLITHIC BASE SECTION.
5. ANY NECESSARY ADJUSTMENTS DURING CONSTRUCTION WILL BE DONE BY SAW-CUTTING AND/OR CORING ONLY. NO JACKHAMMERS, HAMMERS AND CHISELS OR PNEUMATIC TOOLS WILL BE ALLOWED.
6. STEPS SHALL CONFORM TO STD. 5.3.0 AND SHALL BE INSTALLED AT THE CASTING PLANT.
7. ALTERNATE TOP SLAB IS STEEL REINFORCED TO MEET OR EXCEED H=25 LOADING (SEE STD. 4.7.0).
8. ALTERNATE TOP SLAB IS ONLY FOR USE WHEN REDUCING SECTION DOES NOT FIT BECAUSE OF STRUCTURE DEPTH.
9. REFER TO STD. 5.2.0 FOR MAXIMUM PIPE SIZES.

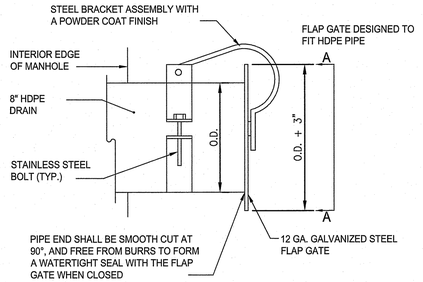
RHODE ISLAND DEPARTMENT OF TRANSPORTATION

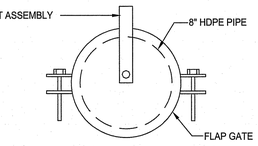
REVISIONS: NO. | BY | DATE

PRECAST 5'-0" ROUND MANHOLE

JUNE 15, 1998 ISSUE DATE

R.I. STANDARD 4.2.1



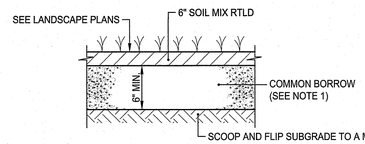


SECTION A-A

FLAP GATE DETAIL

NOT TO SCALE

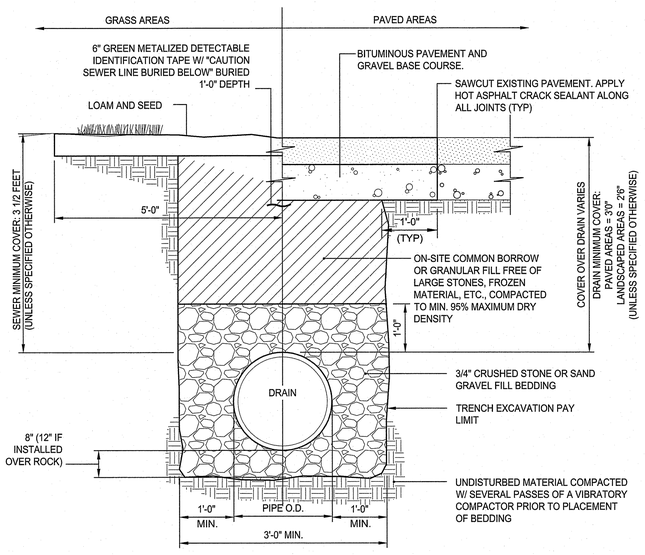
RI DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
APPROVED WITH CONDITIONS AS SPECIFIED IN THE LETTER OF APPROVAL
DATED: MAY 30 2023 FILE #: 23-0051
NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL
APPROVED PLANS MUST BE AT CONSTRUCTION SITE
Nancy L. Freeman



NOTE:
1. THE QPA SHALL BE EXCAVATED TO SUBGRADE MATERIAL THEN 12 " BELOW THE SUBGRADE SHALL BE SCOOPED AND FLIPPED PRIOR TO PLACING IMPORTED SOILS.
2. QUALIFYING PERVIOUS AREA SHALL BE CONSTRUCTED WITH A MAXIMUM SLOPE OF 5% PER THE STATE SPECIFICATIONS.

QUALIFYING PERVIOUS AREA DETAIL

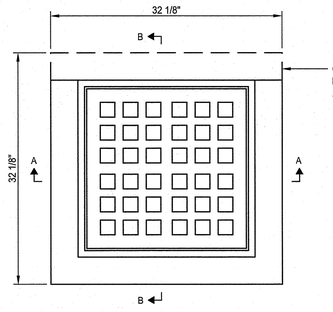
NOT TO SCALE



NOTES:
1. 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.
2. 3/4" DIA. CRUSHED STONE SHALL BE USED AS BEDDING WHERE TRENCH IS BELOW THE GROUND WATER TABLE.

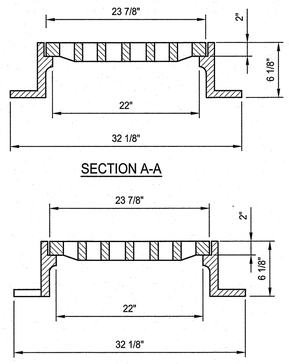
DRAIN/SEWER TRENCH DETAIL

NOT TO SCALE



PLAN

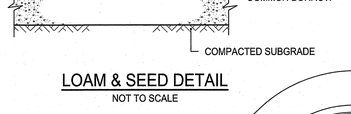
NOTES:
1. NEENAH FOUNDRY R-3405-A OR APPROVED EQUIVALENT.
2. FRAME AND GRATE SHALL MEET H-20 LOADING CRITERIA.



GENERAL NOTES:
1. REINFORCING STEEL CONFORMS TO LATEST A.S.T.M. A 185 SPEC. 0.12 SQ. IN/LINEAL FT. AND 0.12 SQ. IN. (BOTH WAYS) BASE BOTTOM
2. CONC. MINIMUM COMPRESSIVE STRENGTH = 4000 PSI TYPE III CEMENT.
3. MANHOLE DESIGN SPECIFICATIONS CONFORM TO LATEST A.S.T.M. C 478 SPEC. FOR "PRECAST REINFORCED CONCRETE MANHOLE SECTIONS".
4. PROVIDE ONE POUR 6" THICK REINFORCED MONOLITHIC BASE SECTION.
5. MANHOLE SHALL MEET H-20 LOADING CRITERIA.
6. ALL LIFTING HOLES TO BE PLUGGED IN AND OUT WITH HYDRAULIC CEMENT
7. MANHOLES SHALL HAVE 6" THICK WALLS.

SQUARE CATCH BASIN FRAME & GRATE

NOT TO SCALE



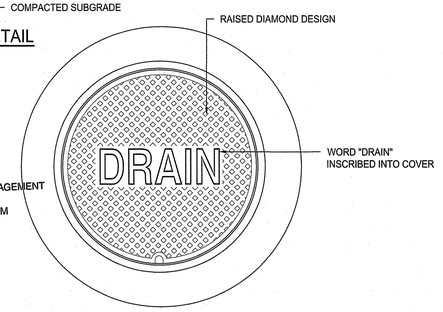
LOAM & SEED DETAIL

NOT TO SCALE

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



NOTES:
1. ALL FRAMES AND COVERS SHALL MEET H-20 LOADING CRITERIA.
2. PROVIDE:
   A: 30" DIA. DRAIN MANHOLE FRAME AND COVER SHALL BE NEENAH FOUNDRY, INC. MODEL #R-1557 OR APPROVED EQUIVALENT.
   B: 24" DIA. DRAIN MANHOLE FRAME AND COVER SHALL BE NEENAH FOUNDRY, INC. MODEL #R-1556 OR APPROVED EQUIVALENT.
3. ALL DRAIN MANHOLES SHALL HAVE 24" DIA. DRAIN MANHOLE COVER UNLESS NOTED OTHERWISE.

DRAIN MANHOLE FRAME & COVER

NOT TO SCALE

SMITHFIELD HIGH SCHOOL

Boyle Athletic Field Complex Improvements

90 Pleasant View Avenue, Smithfield, R.I.
AP 11 Lots 5,6,&7 and AP 12 Lot 1A

SMITHFIELD PUBLIC SCHOOLS
49 Farnum Pike, Rhode Island

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NOT FOR CONSTRUCTION

JOSEPH WEED No. 11763 REGISTERED PROFESSIONAL ENGINEER (CIVIL)

Date: FEBRUARY 2023
Drawn by: AKL Proj. Mgr.: JW

Revisions

No.	Date	Description
1	2023-5-5	RTC

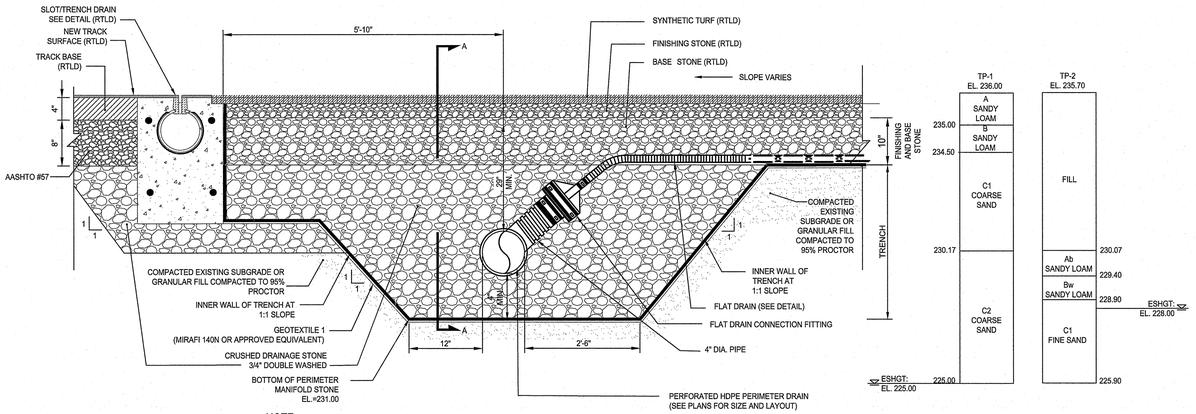
RI Environmental Management MAY 05 2023 Office of Water Resources

DETAILS 4

RI Environmental Management MAY 05 2023 Office of Water Resources

C5.4

22039 - A4.0

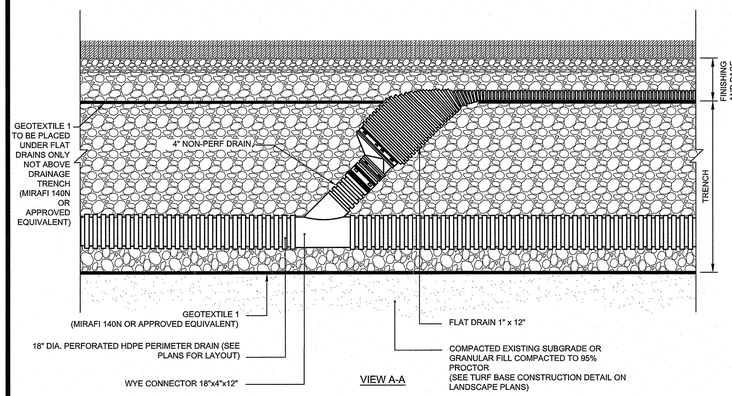


NOTE:

1. CONTRACTOR SHALL OVER-EXCAVATE TO C1 LAYER TO REMOVE ANY UNSPECIFIED FILL AND LOAM LAYERS WITHIN SYNTHETIC TURF AND TRACK FOOTPRINT. BACKFILL WITH GRANULAR FILL COMPACTED TO 95%.

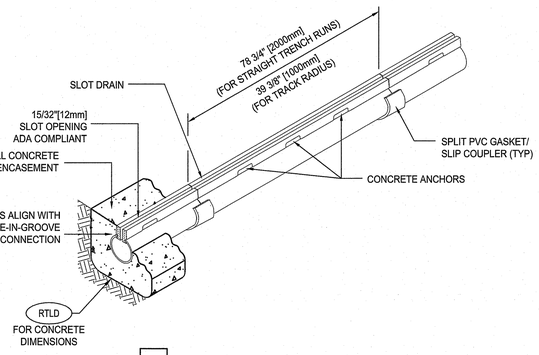
SYNTHETIC TURF PERIMETER MANIFOLD DETAIL

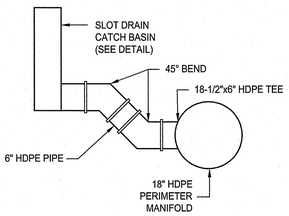
NOT TO SCALE



CONNECTION BETWEEN FLAT DRAIN & PERIMETER OR COLLECTOR DRAIN

NOT TO SCALE



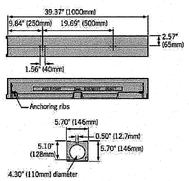


ATHLETIC FIELD SLOT DRAIN CONNECTION TO PERIMETER MANIFOLD

NOT TO SCALE

	Part No	Length In (mm)	Overall Depth In (mm)	Weight lbs
System 3000 Channels				
Straight	05657	39.37 (1000)	5.7 (146)	43.0
Radius	05658	39.37 (1000)	5.7 (146)	43.0
In-line Catch Basin				
Catch basin	05625	21.8 (552)	20.8 (528)	64.5
Polymer concrete cover	05661	19.69 (500)	1.64 (42)	9.0
Plastic trash bucket	01498	17.6 (448)	"	1.1
Safety Edge System - black TPE rubber				
SE Channel - straight	05663	39.37 (1000)	5.7 (146)	43.0
SE In-line catch basin	05664	21.8 (552)	20.8 (528)	64.5

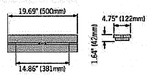
Channel



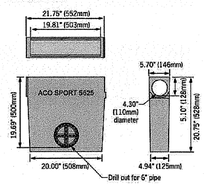
Catch basin flow rates

Outlet	Outlet Size	Invert Depth	GPM	CFS
A	6" round	19.69"	500	1.11

Catch basin cover

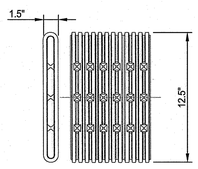


Catch basin



SLOT DRAIN AND SLOT DRAIN CATCH BASIN

NOT TO SCALE



SLOT LENGTH (AVG), IN.= 1.125
SLOT WIDTH (AVG), IN.= 0.125
WATER INLET AREA (APPROX), IN.^{2}/$_{FT}$ = 20

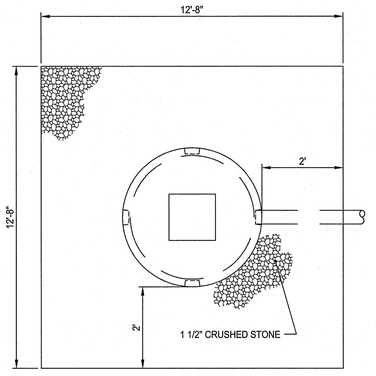
Fabric Properties	Test Method	Minimum Average Roll Values
Grab Tensile Strength (lbs.) (weakest principle direction)	ASTM D4632	120
Grab Elongation (%) (weakest principle direction)	ASTM D4633	60
Trapezoidal Tear (lbs.) (weakest principle direction)	ASTM D4533	40
Puncture (lbs.)	ASTM D3786	30
Permittivity (sec^{-1})	ASTM D4491	0.7
AOS (U.S. Sieve Size)	ASTM D4751	60
U.V. Resistance	ASTM D4355	70

NOTES:

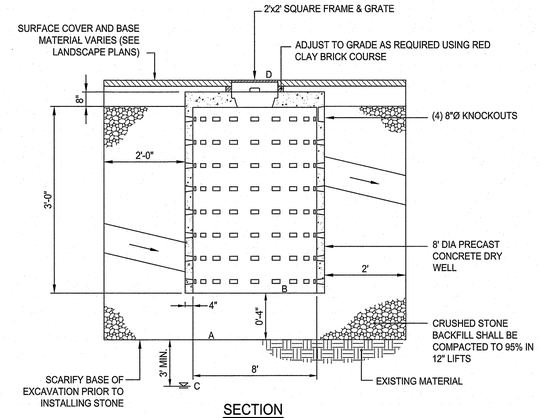
1. DRAIN SHALL HAVE ANNULAR INTERIOR AND EXTERIOR CORRUGATIONS AND SHALL MEET ASTM D7001.
2. OUTSIDE DIMENSIONS SHALL BE 1.5" THICK BY 12.5" WIDE. SHALL HAVE INTERNAL BRACING ADJOINING EACH LONG WALL TO PREVENT CRUSHING UNDER TYPICAL LOADING.
3. ALL PIPE AND FITTINGS SHALL BE MADE OF POLYETHYLENE WITH A MINIMUM CELL CLASSIFICATION OF 424420C AS DEFINED AND DESCRIBED IN ASTM D3350.
4. DRAIN SHALL BE WRAPPED AS REQUIRED IN GEOTEXTILE FABRIC PER MANUFACTURER'S RECOMMENDATIONS.

FLAT DRAIN

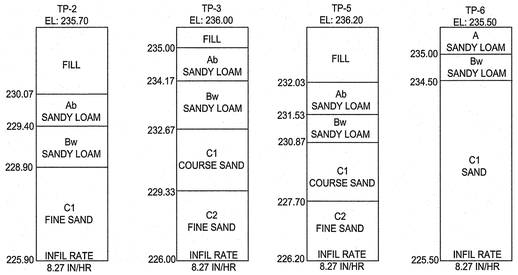
NOT TO SCALE



PLAN



SECTION



	DRYWELL 1	DRYWELL 2	DRYWELL 3
A	231.00	231.00	231.00
B	231.30	231.30	231.30
C	225.20	228.00	228.00
D	235.90	235.90	235.90
	DRYWELL 4	DRYWELL 5	DRYWELL 6
A	231.00	231.00	231.15
B	231.30	231.35	231.45
C	228.00	228.00	226.00
D	235.90	235.95	235.15

SPECIFICATIONS:

1. CONCRETE MINIMUM STRENGTH SHALL BE 4,000 P.S.I. @ 28 DAYS.
2. STEEL REINFORCEMENT SHALL BE GRADE 60, HAVE 1" MIN. COVER, AND CONFORM TO ASTM A-615-75.
3. DRY WELL SHALL CONFORM TO AASTHO HS20-44.
4. CONTRACTOR SHALL OVER-EXCAVATE TO C1 LAYER TO REMOVE ANY UNSPECIFIED FILL AND LOAM LAYERS WITHIN SYNTHETIC TURF AND TRACK FOOTPRINT. BACKFILL WITH COMMON BORROW COMPACTED TO 95%.

DRY WELL DETAIL

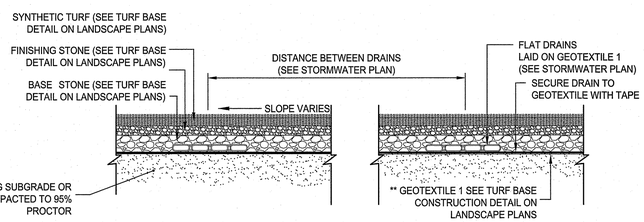
NOT TO SCALE

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

NOTE PER DEM:

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OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
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DATED: MAY 30 2023 FILE #: 23-0051
NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL
APPROVED PLANS MUST BE AT CONSTRUCTION SITE
Nancy L. Freeman



FLAT DRAINS UNDER SYNTHETIC TURF FIELD

NOT TO SCALE

SMITHFIELD HIGH SCHOOL

Boyle Athletic Field Complex Improvements

90 Pleasant View Avenue, Smithfield, R.I.
AP 11 Lots 5,6,&7 and AP 12 Lot 1A

SMITHFIELD PUBLIC SCHOOLS
49 Farnum Pike, Rhode Island

ROWSE Architects
400 Massasoit Avenue, Suite 300, Second Floor East Providence, Rhode Island p. (401) 331-9200
2 Hampshire Street, Suite 106, First Floor Foxboro, Massachusetts p. (774) 215-0290
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PARE CORPORATION
ENGINEERS - SCIENTISTS - PLANNERS
8 BLACKSTONE VALLEY PLACE LINCOLN, RI 02865 401-334-4100
10 LINCOLN ROAD, SUITE 210 FOXBORO, MA 02035 508-543-1755
14 BOBALA ROAD, SUITE 2B HOLYOKE, MA 01040 413.537.3448

NOT FOR CONSTRUCTION

JOSEPH WEED No. 11763 REGISTERED PROFESSIONAL ENGINEER (CIVIL)

Date: FEBRUARY 2023
Drawn by: AKL Proj. Mgr.: JW

Revisions

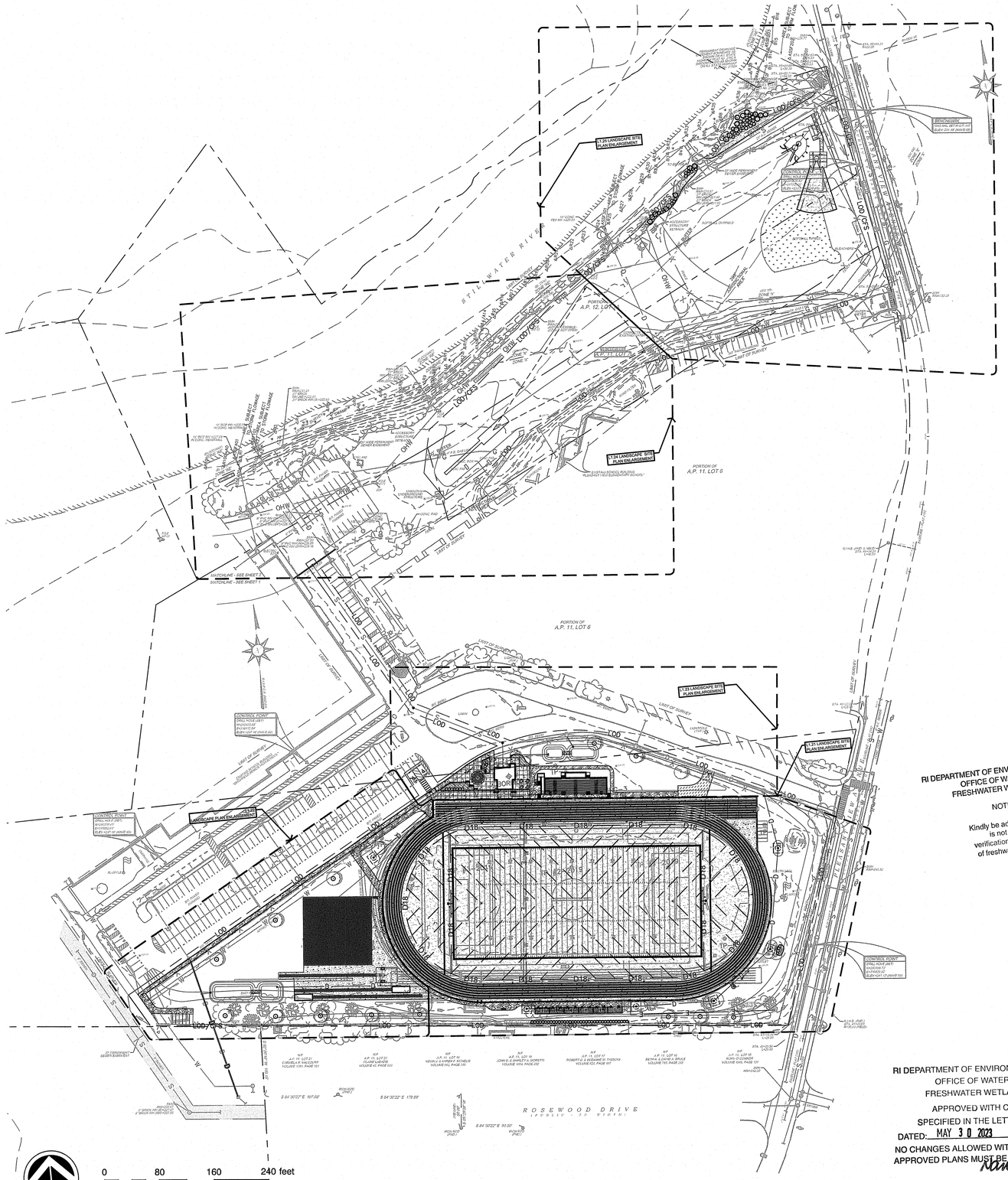
No.	Date	Description
1	2023-5-5	RTC

DETAILS 5

RI Environmental Management MAY - 8 2023 Office of Water Resources

C5.5

22039 - A4.0



REFERENCE NOTES SCHEDULE

SYMBOL	CAST-IN-PLACE CONCRETE DESCRIPTION	QTY	DETAIL	ALTERNATE #
03300.00A1	CONCRETE SEAT WALL	58 lf	7/L3.01	#1
03300.00B1	PRECAST CONCRETE ROAD CURB	614 lf	SEE CIVIL	
03300.00C1	18" TURF CURB NAILER	746 lf	2/L3.03	
03300.00D1	TRACK EDGE BAND	1,540 lf	1/L3.04	

SYMBOL	STONE ASSEMBLIES DESCRIPTION	QTY	DETAIL	ALTERNATE #
04420.01E1	GRANITE LANDSCAPE CURBING	123 lf	6/L3.01	#1
04420.00B1	CMU VENEER SEAT WALL	22 lf	8/L3.01	#1

SYMBOL	Play Field Equipment and Structures DESCRIPTION	QTY	DETAIL	Alternate
11170.00A1	PORTABLE BLEACHER	6		
11190.00A1	SCOREBOARD	1	7/L3.04	#3

SYMBOL	Athletic and Recreational Safety Netting DESCRIPTION	QTY	DETAIL
13121.01E1	20' NETTING IN TURF CURB	320 lf	2/L3.03

SYMBOL	Fabricated Engineered Structures DESCRIPTION	QTY	DETAIL
13300.00F1	STORAGE UNIT	7	6/L3.06

SYMBOL	26 ELECTRICAL DESCRIPTION	QTY	DETAIL	ALTERNATE #
26560	PEDESTRIAN LIGHT POLE	2	11/L3.01	#1

SYMBOL	ASPHALT PAVING DESCRIPTION	QTY	DETAIL	Alternate #
32120.00A1	TRACK ASPHALT	60,751 sf	5/L3.03	
32120.00B1	ASPHALT WALKS	12,642 sf	2/L3.01	
32120.00C1	VEHICULAR BITUMINOUS	1,123 sf	SEE CIVIL	

SYMBOL	CONCRETE PAVING DESCRIPTION	QTY	DETAIL	Alternate #
32130.00A1	BROOM SWEPT CONCRETE	3,767 sf	1/L3.01	Base Bid
32130.00B1	BROOM SWEPT CONCRETE	3,127 sf	1/L3.01	#1

SYMBOL	UNIT PAVING DESCRIPTION	QTY	DETAIL	Alternate #
32140.00A1	CONCRETE UNIT PAVERS	113 sf	3/L3.01	#1
32140.00B1	BRICK PAVERS	173 sf	4/L3.01	#1

SYMBOL	AGGREGATE SURFACE DESCRIPTION	QTY	DETAIL	Alternate #
32150.00A1	SHOT PUT LANDING AREA	2,513 sf	3/L3.06	

SYMBOL	ATHLETIC AND RECREATIONAL SURFACING DESCRIPTION	QTY	DETAIL	Alternate #
32170.00A1	2" SYNTHETIC TURF WITH 1 1/2" INFILL	108,706 sf	1/L3.03	
32170.00B1	SYNTHETIC TRACK SURFACE	48,735 sf	1/L3.04	

SYMBOL	FENCES AND GATES DESCRIPTION	QTY	DETAIL	Alternate #
32311.00A1	6' CHAIN LINK FENCE WITH SCREENING	85 lf	2/L3.02	
32311.00B1	6' BLACK CHAIN LINK FENCE	1,485 lf	2/L3.02	
32311.00C1	NEW FABRIC ON EXISTING 6' CHAIN LINK FENCE POST	844 lf		
32313.00A1	4' BLACK CHAIN LINK FENCE	1,860 lf	1/L3.02	
32313.00B1	4' BLACK CHAIN LINK FENCE	115 lf	1/L3.02	#4

SYMBOL	SITE FURNISHINGS DESCRIPTION	QTY	DETAIL	Alternate #
32330.00A1	TRASH/RECYCLE RECEPTACLES	8	10/L3.01	#1
32330.00B1	DINING TABLE	4	5/L3.02	#1
32330.00C1	BENCH	4	6/L3.02	#1
32330.00D1	30' FLAGPOLE	1	12/L3.01	
32330.00E1	30' PLAZA FLAG POLE	1	9/L3.01	#1

SYMBOL	SODDING DESCRIPTION	QTY	DETAIL	Alternate #
32921.01A1	LOAM AND SEED	8,524 sf	7/LP3.10	

SYMBOL	STORM DRAINAGE UTILITIES DESCRIPTION	QTY	DETAIL
D18	33400.00A1 18" PERFORATED PERIMETER MANIFOLD	1,656 lf	SEE CIVIL
33400.00B1	12" FLAT PANEL SUBDRAIN	4,491 lf	SEE CIVIL
33400.00C1	TRACK SLOT DRAIN	743 lf	6/L3.03
33420.00B1	ACCO SPORT TRACK TRENCH SYSTEM 4000	557 lf	7/L3.03

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Kendy L. Freeman

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4. REFER TO LP1.21, LP1.22, LP1.23, LP1.24 FOR ALL PLANTING.
5. REFER TO ARCHITECTURAL PLANS FOR CONCESSION/RESTROOM BUILDING.

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Boyle Athletic Field Complex Improvements

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TRAVERSE landscape architects
150 Chestnut Street, 4th Floor Providence, RI 02903

NOT FOR CONSTRUCTION

REGISTERED LANDSCAPE ARCHITECT ANTHONY EDEN NO. 432

Date: FEBRUARY 28, 2023
Drawn by: JR JL Proj. Mgr.: AE

Revisions

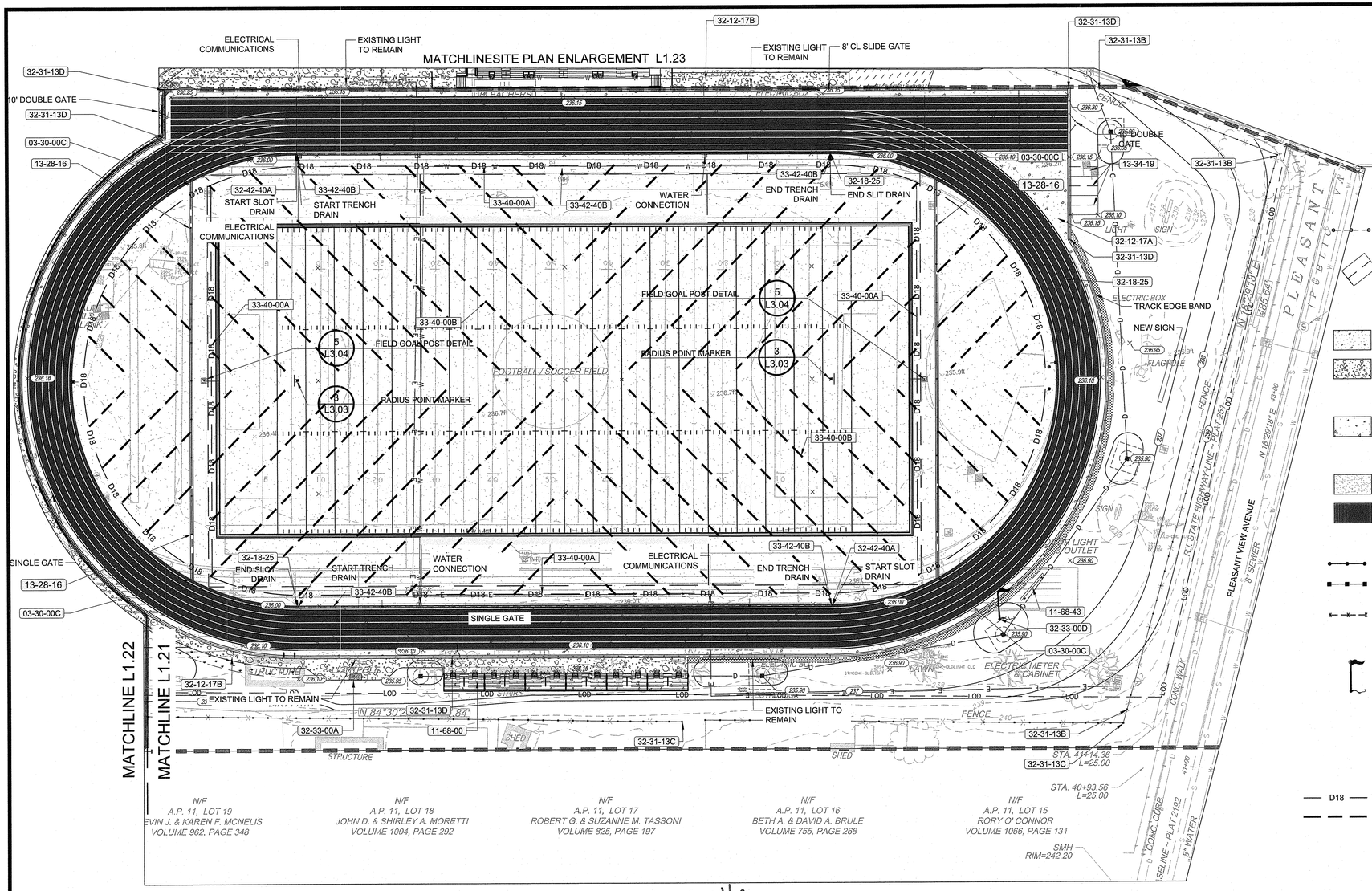
No.	Date	Description
1	5/5/2023	RIDEM RTC

OVERALL LANDSCAPE SITE PLAN

RI Environmental Management
MAY – 9 2023
Office of Water Resources

L1.20

22039 - A4.0



See Sheet 22 of 38 for the Correct LOD that encloses all work proposed.

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0 30 60 90 120 feet
1" = 30'

NORTH

REFERENCE NOTES SCHEDULE L1.21

SYMBOL	CAST-IN-PLACE CONCRETE DESCRIPTION	QTY	DETAIL
03-30-00C	18" TURF CURB NAILER	415 lf	2/L3.03
03-30-00D	Track Edge Band	1,540 lf	

SYMBOL	Play Field Equipment and Structures DESCRIPTION	QTY	DETAIL
11-68-00	PORTABLE BLEACHER	6	
11-68-43	SCOREBOARD	1	8/L3.04

SYMBOL	Athletic and Recreational Safety Netting DESCRIPTION	QTY	DETAIL
13-28-16	20` NETTING IN TURF CURB	320 lf	2/L3.03

SYMBOL	Fabricated Engineered Structures DESCRIPTION	QTY	DETAIL
13-34-19	STORAGE UNIT	3	

SYMBOL	ASPHALT PAVING DESCRIPTION	QTY	DETAIL
32-12-17A	TRACK ASPHALT	40,877 sf	5/L3.03
32-12-17B	ASPHALT WALKS	2,543 sf	2/L3.01

SYMBOL	CONCRETE PAVING DESCRIPTION	QTY	DETAIL
32-13-13	BROOM SWEPT CONCRETE	1,157 sf	1/L3.01

SYMBOL	ATHLETIC AND RECREATIONAL SURFACING DESCRIPTION	QTY	DETAIL
32-18-24	2" SYNTHETIC TURF WITH 1 1/2" INFILL	108,706 sf	1/L3.03
32-18-25	SYNTHETIC TRACK SURFACE	36,977 sf	1/L3.04

SYMBOL	FENCES AND GATES DESCRIPTION	QTY	DETAIL
32-31-13B	6` BLACK CHAIN LINK FENCE	499 lf	2/L3.02
32-31-13C	NEW FABRIC ON EXISTING 6` CHAIN LINK FENCE POST	743 lf	
32-31-13D	4` BLACK CHAIN LINK FENCE	916 lf	1/L3.02

SYMBOL	SITE FURNISHINGS DESCRIPTION	QTY	DETAIL
32-33-00A	TRASH/RECYCLE RECEPTACLES	2	11/L3.01
32-33-00D	30` FLAGPOLE	1	7/L3.04

SYMBOL	FLAGPOLES DESCRIPTION	QTY	DETAIL
32-42-40A	TRACK SLOT DRAIN	743 lf	6/L3.03

SYMBOL	STORM DRAINAGE UTILITIES DESCRIPTION	QTY	DETAIL
D18	33-40-00A 18" Perforated Perimeter Manifold	1,656 lf	
	33-40-00B 12" Flat Panel Subdrain	4,491 lf	
	33-42-40B ACCO SPORT TRACK TRENCH SYSTEM 4000	557 lf	7/L3.03

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TRAVERSE landscape architects
150 Chestnut Street, 4th Floor Providence, RI 02903

RI Environmental Management
MAR 08 2023
Office of Water Resources

NOT FOR CONSTRUCTION

REGISTERED LANDSCAPE ARCHITECT
ANTHONY EDDY No. 432
RI

Date: FEBRUARY 28, 2023
Drawn by: JR JL Proj. Mgr.: AE

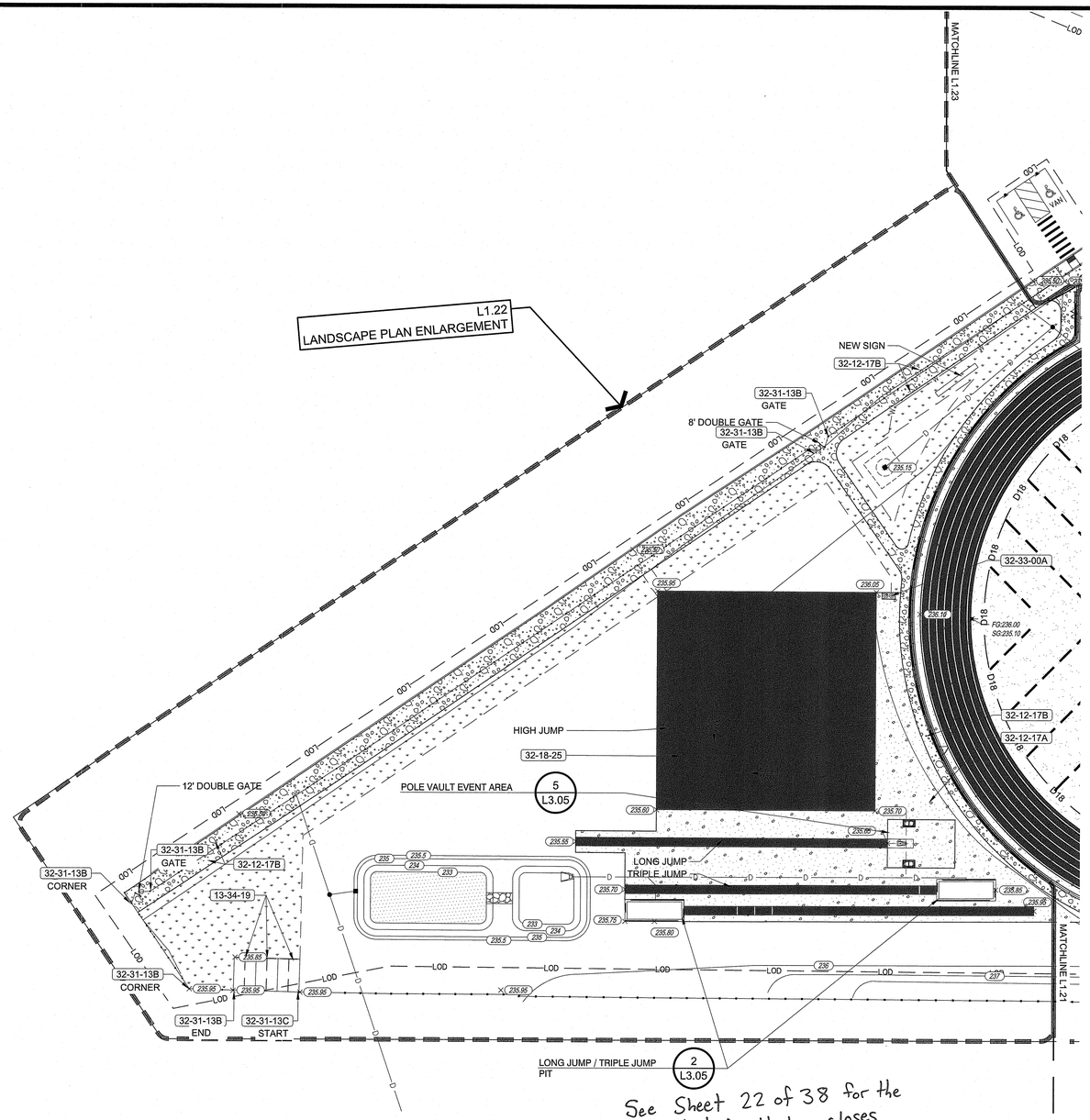
Revisions

No.	Date	Description

LANDSCAPE SITE PLAN ENLARGEMENT

L1.21

22039 - A4.0



See Sheet 22 of 38 for the Correct LOD that encloses all work proposed.

REFERENCE NOTES SCHEDULE L1.22

SYMBOL	CAST-IN-PLACE CONCRETE DESCRIPTION	QTY	DETAIL
03-30-00B	PRECAST CONCRETE ROAD CURB-REFER TO CIVIL	506 lf	
03-30-00C	18" TURF CURB NAILER	144 lf	2/L3.03

SYMBOL	Fabricated Engineered Structures DESCRIPTION	QTY	DETAIL
13-34-19	STORAGE UNIT	3	

SYMBOL	ASPHALT PAVING DESCRIPTION	QTY	DETAIL
32-12-17A	TRACK ASPHALT	19,874 sf	5/L3.03
32-12-17B	ASPHALT WALKS	7,782 sf	2/L3.01

SYMBOL	CONCRETE PAVING DESCRIPTION	QTY	DETAIL
32-13-13	BROOM SWEPT CONCRETE	18 sf	1/L3.01

SYMBOL	ATHLETIC AND RECREATIONAL SURFACING DESCRIPTION	QTY	DETAIL
32-18-25	SYNTHETIC TRACK SURFACE	11,728 sf	1/L3.04

SYMBOL	FENCES AND GATES DESCRIPTION	QTY	DETAIL
32-31-13B	6' BLACK CHAIN LINK FENCE	610 lf	2/L3.02
32-31-13C	NEW FABRIC ON EXISTING 6' CHAIN LINK FENCE POST	101 lf	
32-31-13D	4' BLACK CHAIN LINK FENCE	394 lf	1/L3.02

SYMBOL	SITE FURNISHINGS DESCRIPTION	QTY	DETAIL
32-33-00A	TRASH/RECYCLE RECEPTACLES	2	11/L3.01

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OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM

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0 30 60 90 120 feet
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NORTH

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TRAVERSE
landscape architects
150 Chestnut Street, 4th Floor Providence, RI 02903

RI Environmental Management
MAR 0 3 2023
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MICHAEL ETZEL
No. 432

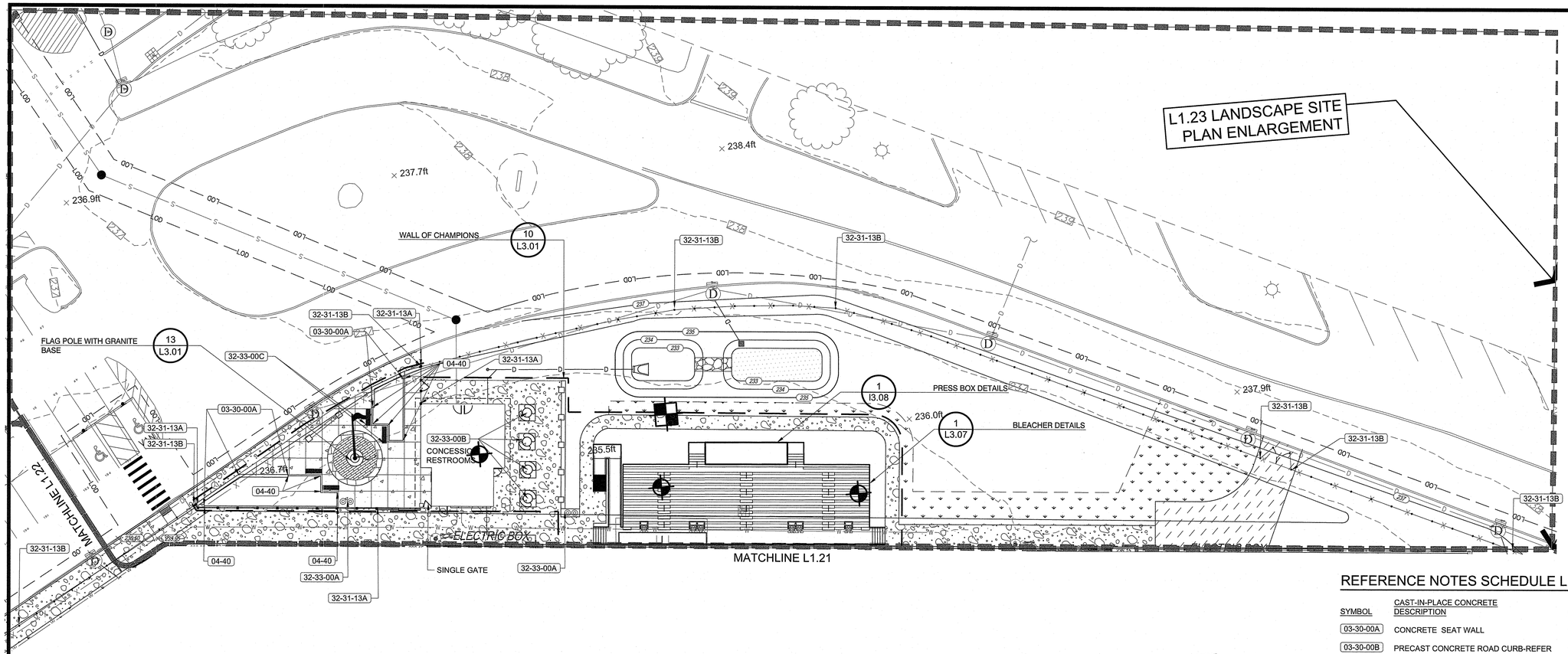
Date: FEBRUARY 28, 2023
Drawn by: JR JL Proj. Mgr.: AE

Revisions

No.	Date	Description

LANDSCAPE SITE PLAN ENLARGEMENT

L1.22



REFERENCE NOTES SCHEDULE L1.23

SYMBOL	CAST-IN-PLACE CONCRETE DESCRIPTION	QTY	DETAIL
03-30-00A	CONCRETE SEAT WALL	107 lf	7/L3.01
03-30-00B	PRECAST CONCRETE ROAD CURB-REFER TO CIVIL	108 lf	

SYMBOL	STONE ASSEMBLIES DESCRIPTION	QTY	DETAIL
04-40	GRANITE LANDSCAPE CURBING	125 lf	6/L3.01

SYMBOL	ASPHALT PAVING DESCRIPTION	QTY	DETAIL
32-12-17B	ASPHALT WALKS	5,610 sf	2/L3.01
32-12-17C	VEHICULAR BITMUMINOUS	1,123 sf	

SYMBOL	CONCRETE PAVING DESCRIPTION	QTY	DETAIL
32-13-13	BROOM SWEPT CONCRETE	2,128 sf	1/L3.01

SYMBOL	UNIT PAVING DESCRIPTION	QTY	DETAIL
32-14-00	CONCRETE UNIT PAVERS	113 sf	3/L3.01
32-14-01	BRICK PAVERS	173 sf	4/L3.01

SYMBOL	FENCES AND GATES DESCRIPTION	QTY	DETAIL
32-31-13A	6` CHAIN LINK FENCE WITH SCREENING	77 lf	
32-31-13B	6` BLACK CHAIN LINK FENCE	325 lf	2/L3.02

SYMBOL	SITE FURNISHINGS DESCRIPTION	QTY	DETAIL
32-33-00A	TRASH/RECYCLE RECEPTACLES	4	11/L3.01
32-33-00B	DINING TABLE	4	5/L3.02
32-33-00C	BENCH	4	6/L3.02
32-33-00D	30` FLAGPOLE	1	7/L3.04

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0 20 40 60 feet
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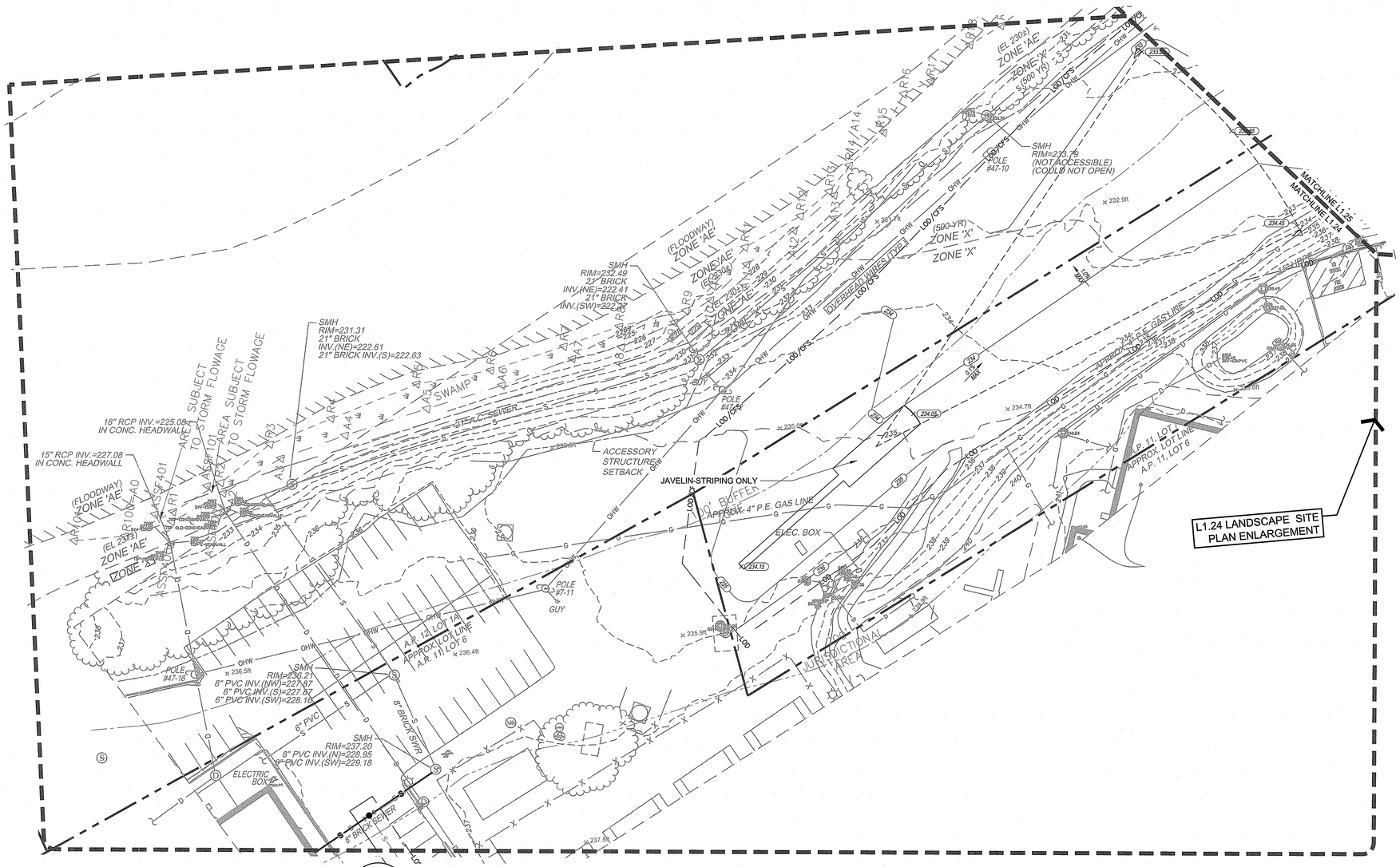
Date: FEBRUARY 28, 2023
Drawn by: JR JL Proj. Mgr.: AE

Revisions

No.	Date	Description

LANDSCAPE SITE PLAN ENLARGEMENT

L1.23



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TRAVERSE
landscape architects
150 Chestnut Street, 4th Floor Providence, RI 02903

NOT FOR CONSTRUCTION

REGISTERED LANDSCAPE ARCHITECT
Anthony J. Estes
No. 432

Date: FEBRUARY 28, 2023
Drawn by: JR JL Proj. Mgr.: AE

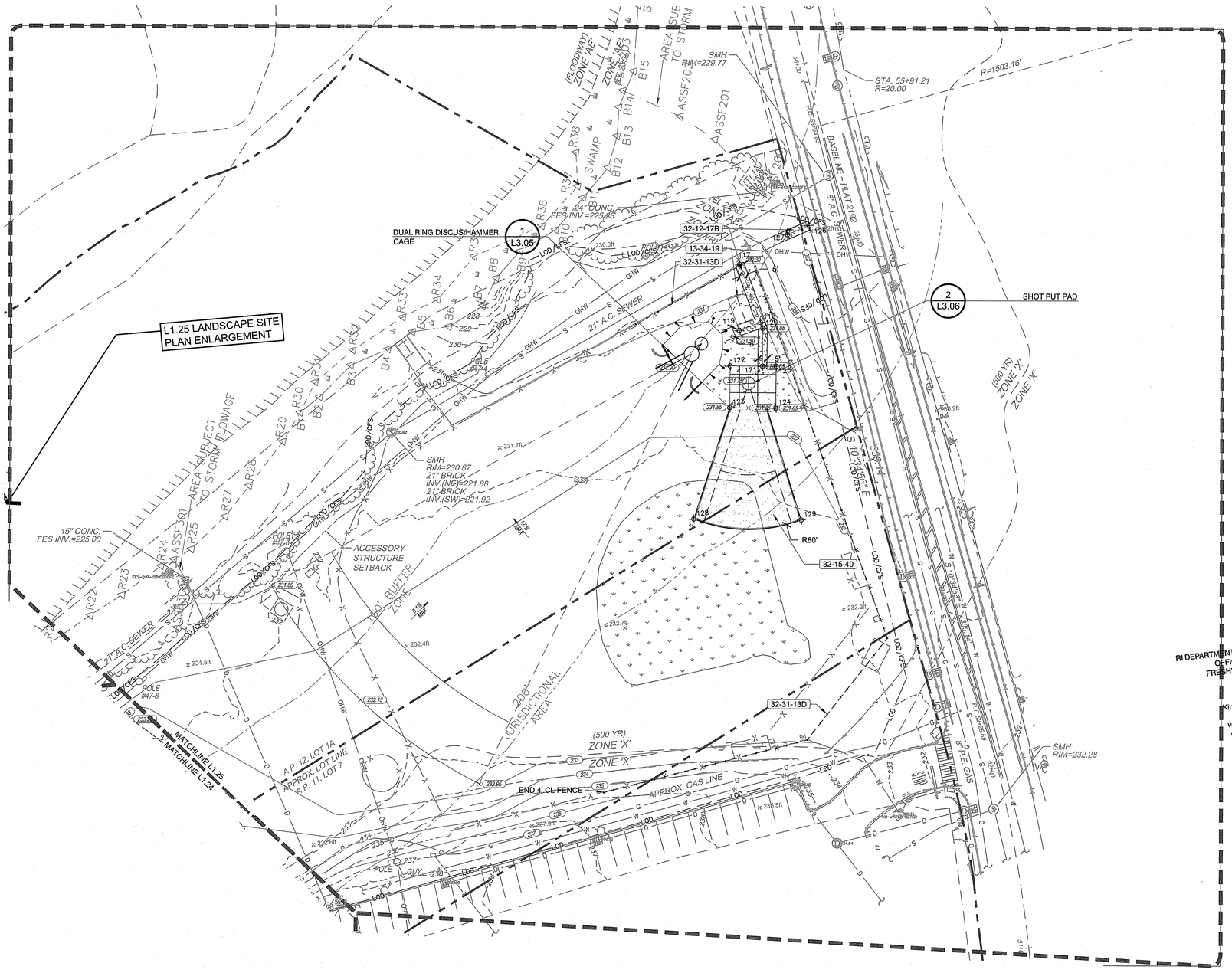
Revisions

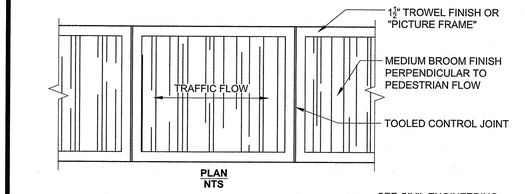
No.	Date	Description
1	5/5/2023	RIDEM RTC

LANDSCAPE SITE PLAN ENLARGEMENT

L1.24

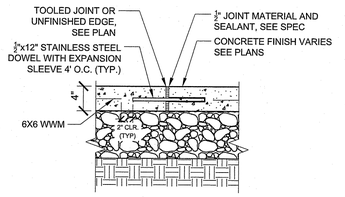
RI Department of Environmental Management
MAY - 8 2023
Office of Water Resources

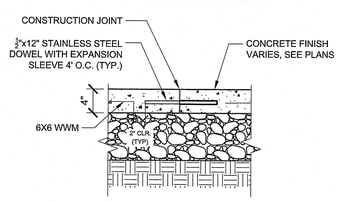

L1.25 LANDSCAPE SITE PLAN ENLARGEMENT
DUAL RING DISCUS/HAMMER CAGE
1 L3.05
2 L3.06
SHOT PUT PAD
SMH RIM=229.77
STA. 55+91.21 R=20.00
R=1503.16'
BASELINE - PLAT 218Z
8" A.C. SEWER
24" CONC. FES INV.=225.23
21" A.C. SEWER
SMH RIM=230.87 21" BRICK INV.(NE)=221.88 21" BRICK INV.(SW)=221.92
15" CONC. FES INV.=225.00
ACCESSORY STRUCTURE SETBACK
100' BUFFER ZONE
200' JURISDICTIONAL AREA
(FLOODWAY) ZONE AE
ZONE AE
SWAMP
AREA SUBJECT TO STORM FLOWAGE
(500 YR) ZONE 'X'
ZONE 'X'
32-12-17B
13-34-19
32-31-13D
32-15-40
END 4' CL FENCE
APPROX. GAS LINE
8" P.E. GAS
SMH RIM=232.28
A.P. 12, LOT 1A
APPROX LOT LINE
A.P. 11, LOT 7
MATCHLINE L1.25
MATCHLINE L1.24
POLE #47.4
POLE #47.5
POLE #47.6
POLE #47.7
POLE #47.8
POLE #47.9
POLE #47.10
POLE #47.11
POLE #47.12
POLE #47.13
POLE #47.14
POLE #47.15
POLE #47.16
POLE #47.17
POLE #47.18
POLE #47.19
POLE #47.20
POLE #47.21
POLE #47.22
POLE #47.23
POLE #47.24
POLE #47.25
POLE #47.26
POLE #47.27
POLE #47.28
POLE #47.29
POLE

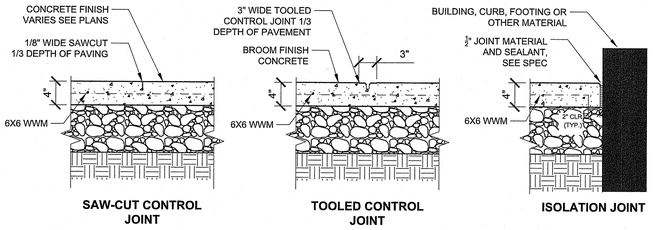


NOTES:
1. JOINTS SHALL BE TOOLED PER DETAILS AND SHALL BE PLACED AS FOLLOWS UNLESS OTHERWISE NOTED ON THE PLANS.
2. ISOLATION JOINTS SHALL BE INSTALLED AS NOTED ON THE PLANS.
3. CONTROL JOINTS SHALL BE PLACED AS NOTED ON THE PLANS.
4. BROOM FINISH SHALL BE PERPENDICULAR TO PEDESTRIAN TRAFFIC FLOW UNLESS OTHERWISE NOTED ON THE PLANS.

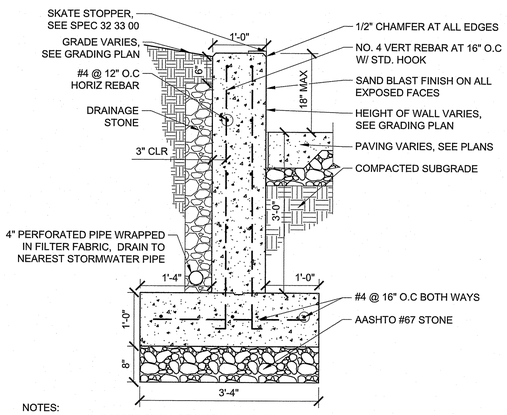
1 CONCRETE PAVING
1" = 1'-0"





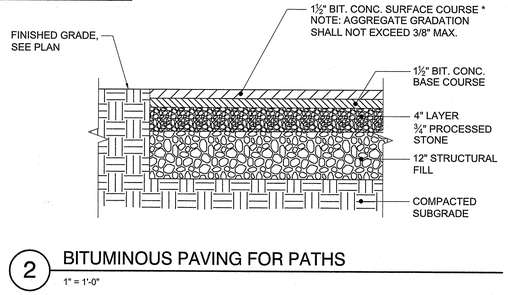


5 CONCRETE PAVEMENT JOINTS
1" = 1'-0"

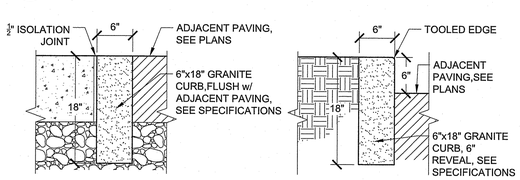


NOTES:
1. SKATE STOPPERS SHALL BE INSTALLED EVERY 4' O.C AND TWO FEET FROM ENDS OF WALLS, TYP.
2. SKATE STOPPERS SHALL BE PLACED 4" CLEAR FROM WALL JOINTS.
3. SEE SPECIFICATIONS FOR SKATE STOPPERS.

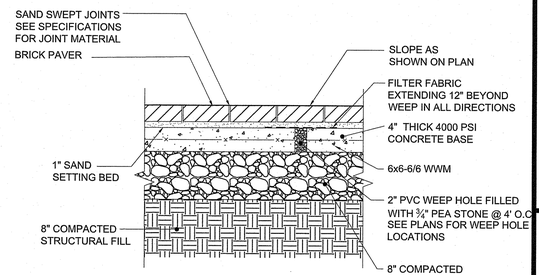
7 CAST-IN-PLACE CONCRETE RETAINING WALL
3/4" = 1'-0"



2 BITUMINOUS PAVING FOR PATHS
1" = 1'-0"

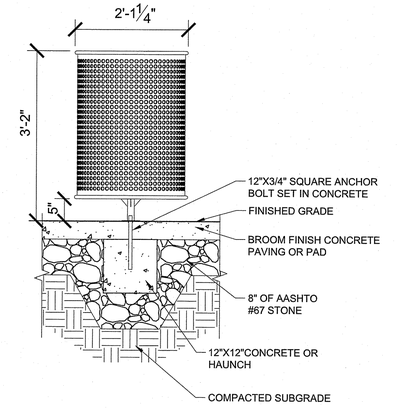


6 GRANITE LANDSCAPE CURB
1" = 1'-0"



NOTES:
1. VERIFY ALL LANGUAGE AND PRODUCTS WITH SPECIFICATIONS
2. CONTRACTOR SHALL SUBMIT SAMPLES FOR APPROVAL.
3. BRICK PAVERS SHALL BE LAID IN A HERRINGBONE PATTERN.

4 BRICK PAVERS ON 4" RIGID BASE
1" = 1'-0"



NOTES:
1. LITTER RECYCLING CONTAINER SHALL BE SURFACE MOUNTED TO PAVING AT LOCATION SHOWN ON PLAN WITH MANUFACTURER'S MOUNTING KIT, SEE SPECS.
2. INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.

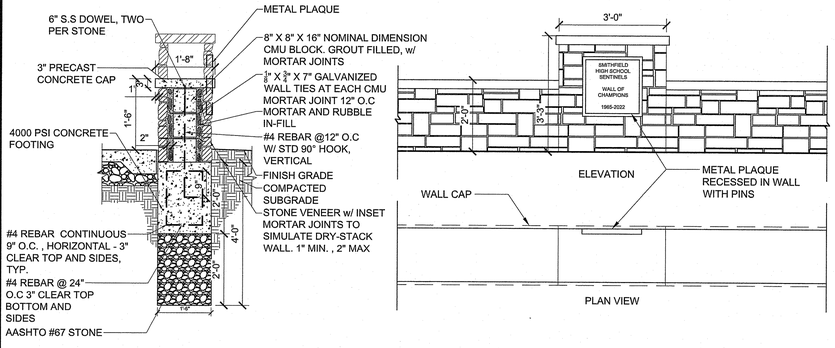
11 ATHLETIC LITTER/RECYCLE RECEPTACLE
3/4" = 1'-0"



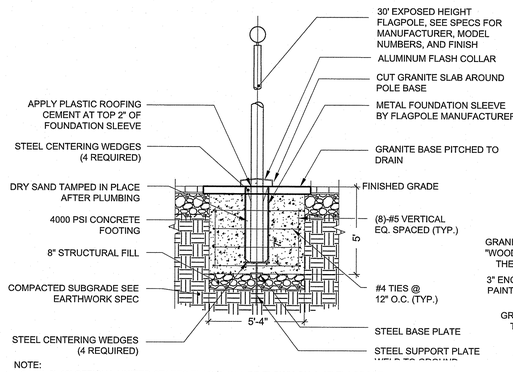
NOTES:
1. STEEL EDGING SHALL BE USED ON ALL EDGES THAT ABUT A PLANTING BED.

3 UNIT PAVERS ON FLEXIBLE BASE
1" = 1'-0"

P-AT1-SHS-36



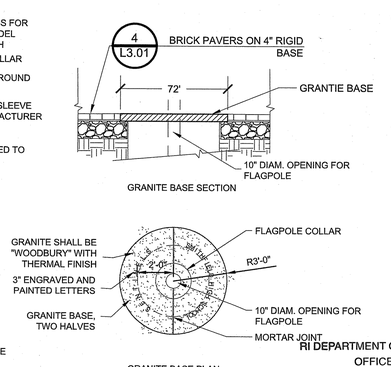
10 WALL OF CHAMPIONS
1/2" = 1'-0"



NOTE:
1. A 8'x12' OFFICIAL UNITED STATES FLAG SHALL BE FLOWN ON A 45' FLAGPOLE.
2. REFER TO PLANS FOR GRANITE BASE LOCATION.
3. ENGRAVED LETTERING AND COLORS SHALL BE APPROVED BY OWNER PRIOR TO FABRICATION.

13 FLAG POLE WITH GRANITE BASE
1/4" = 1'-0"

P-AT1-SHS-77



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

RI DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
APPROVED WITH CONDITIONS AS SPECIFIED IN THE LETTER OF APPROVAL
DATED: MAY 30 2023 FILE #: 23-0051
NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL
APPROVED PLANS MUST BE AT CONSTRUCTION SITE

Darby L. Freeman

SMITHFIELD HIGH SCHOOL
Boyle Athletic Field Complex Improvements
90 Pleasant View Avenue, Smithfield, R.I.

SMITHFIELD PUBLIC SCHOOLS
49 Farnum Pike, Rhode Island

ROWSE Architects
400 Massasoit Avenue, Suite 300, Second Floor East Providence, Rhode Island p. (401) 331-9200
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TRAVERSE landscape architects
150 Chestnut Street, 4th Floor Providence, RI 02903

RI Environmental Management
MAR 0 8 2023
Office of Water Resources

NOT FOR CONSTRUCTION

REGISTERED LANDSCAPE ARCHITECT
MATTHEW J. LEDDY
No. 432

Date: FEBRUARY 28, 2023
Drawn by: JR JL Proj. Mgr.: AE

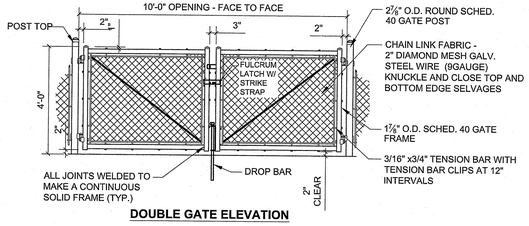
Revisions

No.	Date	Description

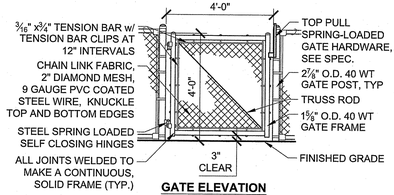
LANDSCAPE DETAILS

L3.01

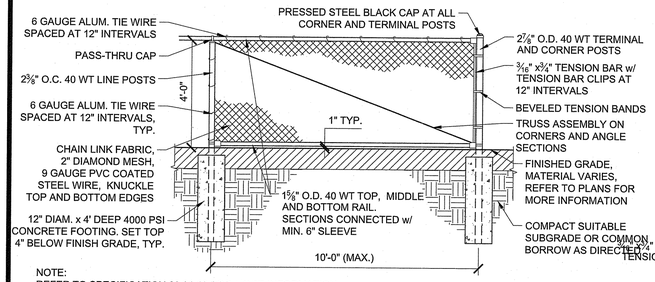
22039 - A4.0



DOUBLE GATE ELEVATION

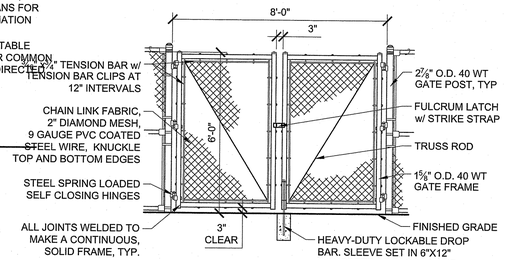


GATE ELEVATION

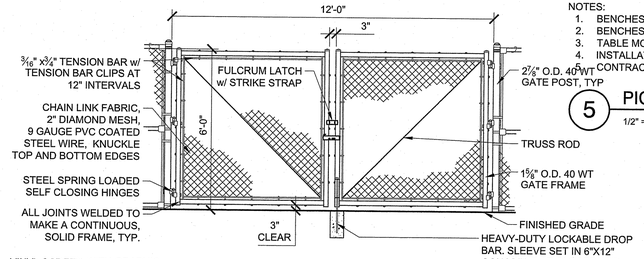


NOTE:
REFER TO SPECIFICATION 32 31 13 FOR MORE INFORMATION

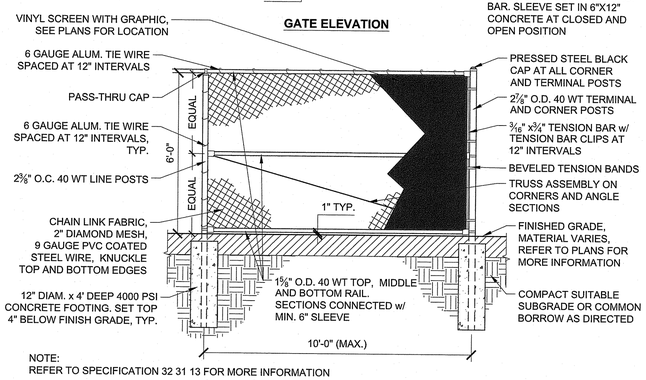
1 4' CHAIN LINK FENCE AND GATE
3/8" = 1'-0"



DOUBLE GATE ELEVATION

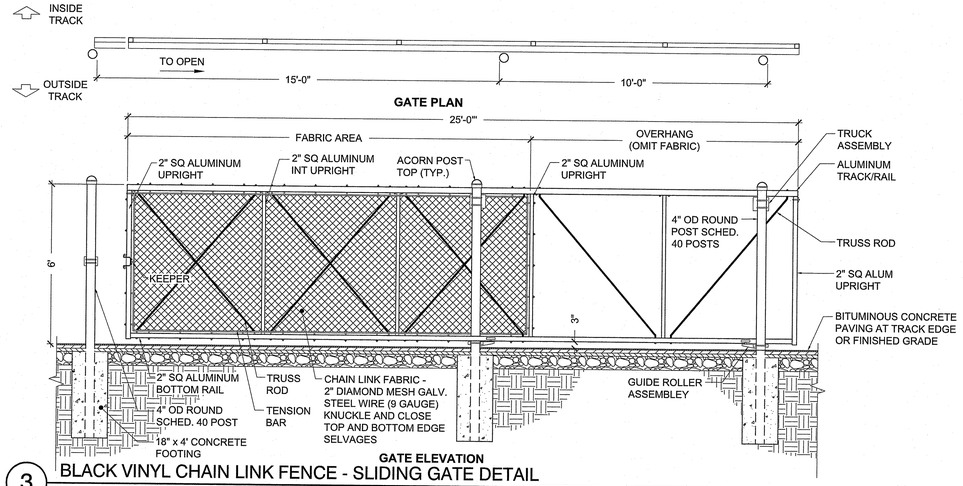


GATE ELEVATION



NOTE:
REFER TO SPECIFICATION 32 31 13 FOR MORE INFORMATION

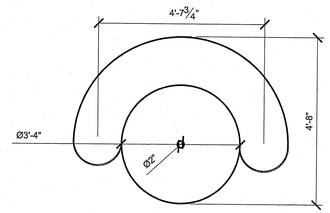
2 6' CHAIN LINK FENCE AND GATE
3/8" = 1'-0"



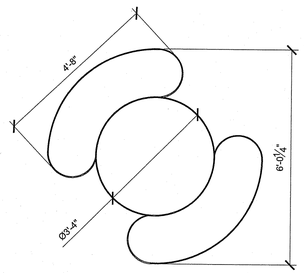
GATE ELEVATION

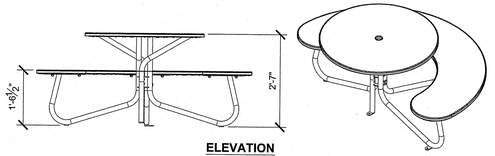
3 BLACK VINYL CHAIN LINK FENCE - SLIDING GATE DETAIL
3/8" = 1'-0"

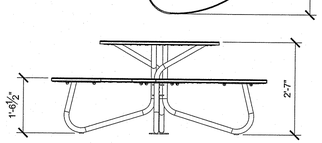
P-AT1-SHS-141

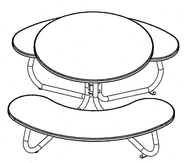


PLAN





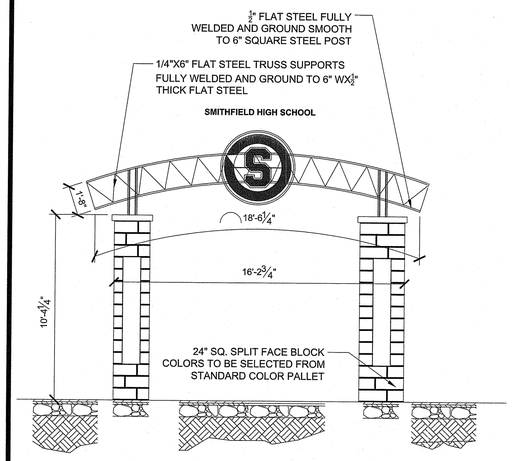




ELEVATION

NOTES:
1. BENCHES + TABLE SHALL BE SURFACES MOUNTED AT LOCATIONS SHOWN ON PLANS
2. BENCHES + TABLE SHALL MEET THE ADA REQUIRED 19" MINIMUM KNEE/TOE CLEARANCE DEPTH
3. TABLE MODEL SHALL BE "2800 SERIES FAVA CLUSTER SEATING" AS MANUFACTURED BY MAGLIN
4. INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS
5. CONTRACTOR SHALL PROVIDE STAINLESS STEEL TAMPER PROOF MOUNTING HARDWARE

5 PICNIC TABLE
1/2" = 1'-0"

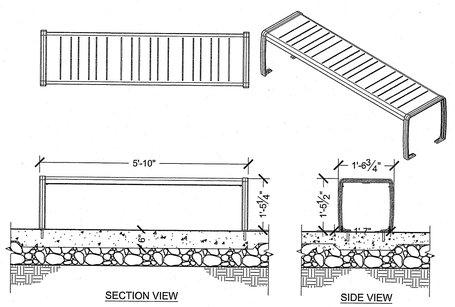


NOTES:
1.10' METAL GATES PART OF BASEBID. CONTRACTOR TO PROVIDE ADD ALT COST FOR (2) 4' METAL GATES, BLOCK COLUMNS AND STEEL ARCHWAY WITH LOGO.
2. DRAWING SHOWS MIN. DESIGN INTENT CONTRACTOR SHALL PROVIDE FINAL DRAWINGS TO BE STAMPED BY STRUCTURAL ENGINEER TO MEET ALL CURRENT WIND AND LOAD RATINGS.
3. CONTRACTOR TO PROVIDE STAMPED SHOP DRAWINGS FOR STEEL COLUMNS FOOTINGS AND ARCH ENTRANCE STAMPED BY A LICENSED STRUCTURAL ENGINEER IN THE STATE OF RHODE ISLAND. ALL STEEL STALL BE POWDER COATED BLACK

4 ENTRANCE ARCHWAY
1/4" = 1'-0"

RI DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
APPROVED WITH CONDITIONS AS SPECIFIED IN THE LETTER OF APPROVAL
DATED: MAY 30 2023 FILE #: 23-0051
NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL
APPROVED PLANS MUST BE AT CONSTRUCTION SITE
Nancy L. Freeman

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



NOTE:
1. ORNAMENTAL BENCH SHALL BE SURFACE MOUNTED TO THICKENED CONCRETE USING MANUFACTURERS RECOMMENDED ANCHORING AT LOCATION SHOWN ON PLAN.
2. INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.
3. SEE SPECIFICATIONS FOR MANUFACTURER, MODEL, AND FINISH.

6 BACKLESS ORNAMENTAL BENCH
1/2" = 1'-0"

SMITHFIELD HIGH SCHOOL
Boyle Athletic Field Complex Improvements

90 Pleasant View Avenue, Smithfield, R.I.

SMITHFIELD PUBLIC SCHOOLS
49 Farnum Pike, Rhode Island

ROWSE Architects
400 Massasoit Avenue, Suite 300, Second Floor East Providence, Rhode Island p. (401) 331-9200
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TRAVERSE landscape architects
150 Chestnut Street, 4th Floor Providence, RI 02903

RI Environmental Management
MAR 0 8 2023
Office of Water Resources

NOT FOR CONSTRUCTION

REGISTERED LANDSCAPE ARCHITECT No. 432

Date: FEBRUARY 28, 2023
Drawn by: JR JL Proj. Mgr.: AE

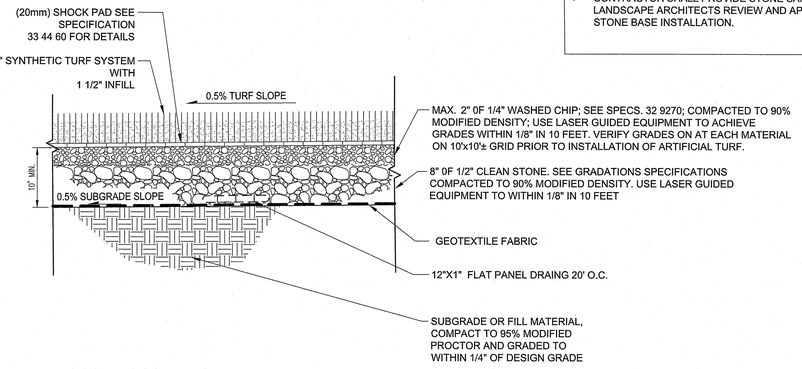
Revisions

No.	Date	Description

LANDSCAPE DETAILS

L3.02

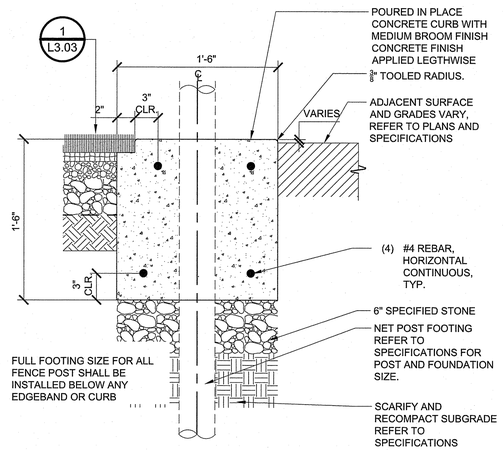
22039 - A4.0



- NOTE:
- ALL STONES UNDER SYNTHETIC SHALL BE WASHED CLEAN AND FREE OF SEDIMENTS.
- CONTRACTOR SHALL PROVIDE STONE SAMPLES FOR LANDSCAPE ARCHITECTS REVIEW AND APPROVAL PRIOR TO STONE BASE INSTALLATION.

1 SPECIFIED BASE CROSS SECTION

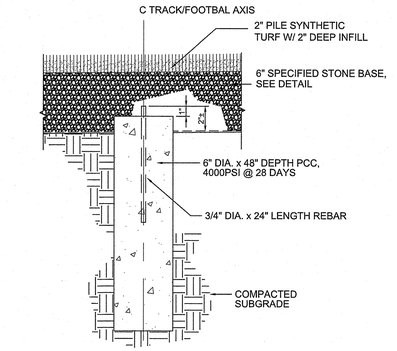
1" = 1'-0" P-AT1-ANK-12



1.
2. FULL FOOTING SIZE FOR ALL FENCE POST SHALL BE INSTALLED BELOW ANY EDGEBAND OR CURB

2 18" TURF CURB WITH NETTING

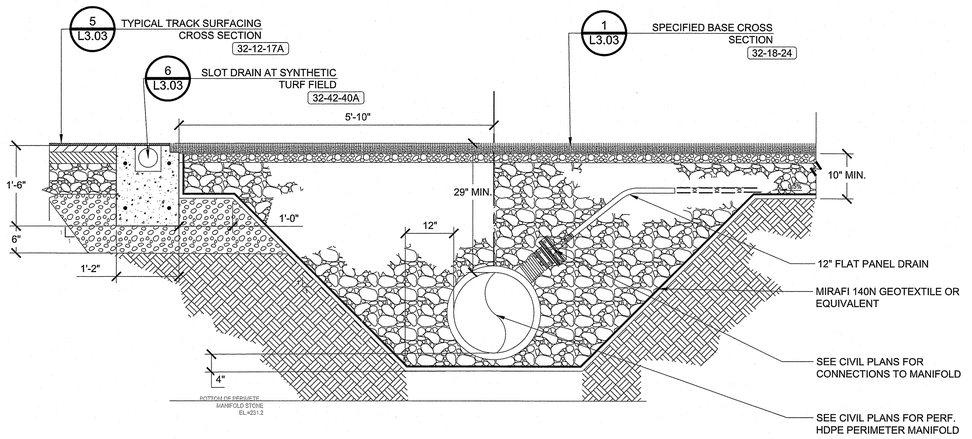
1 1/2" = 1'-0" P-AT1-ANK-28



NOTE:
IF CHANGED, CONTRACTOR SHALL HIRE A LICENSED SURVEYOR TO ESTABLISH THE TWO RADIUS POINT MARKER AS NOTED ON TRACK AND FIELD SITE LAYOUT PLAN L1.0

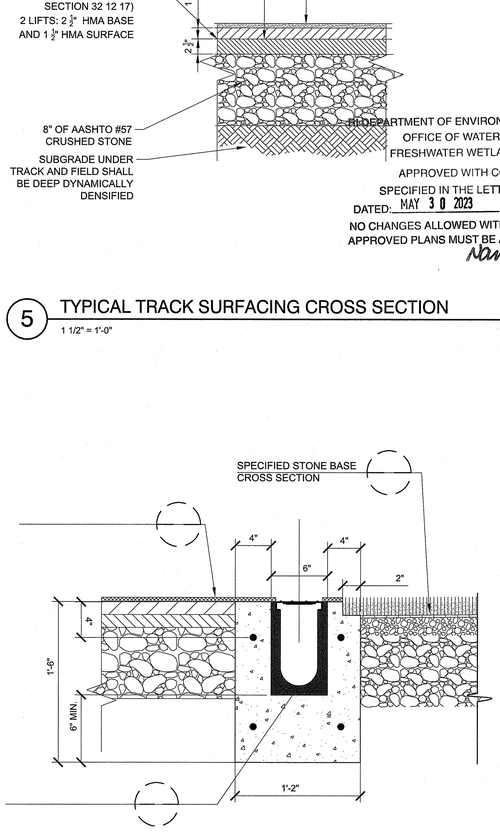
3 RADIUS POINT MARKER

3/4" = 1'-0" P-AT1-SHS-21



4 CONCRETE CURB AND PERIMETER DRAINAGE DETAIL

3/4" = 1'-0" P-AT1-SHS-50



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

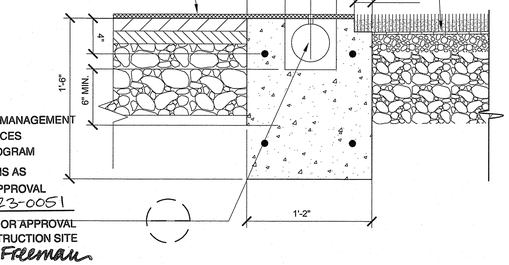
NOTE PER DEM:

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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: MAY 30 2023 FILE #: 23-0051
NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL
APPROVED PLANS MUST BE AT CONSTRUCTION SITE
Nancy L. Freeman

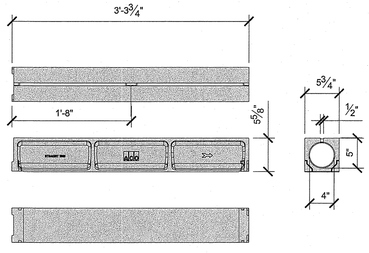
5 TYPICAL TRACK SURFACING CROSS SECTION

1 1/2" = 1'-0"



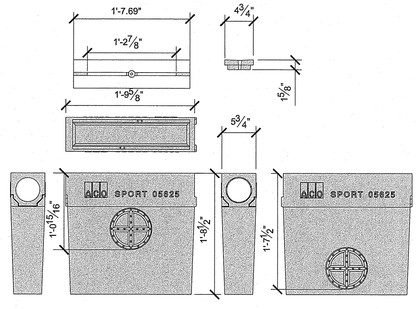
6 SLOT DRAIN AT SYNTHETIC TURF FIELD

1 1/2" = 1'-0"



8 SLOT DRAIN ONE METER CHANNEL

1" = 1'-0"

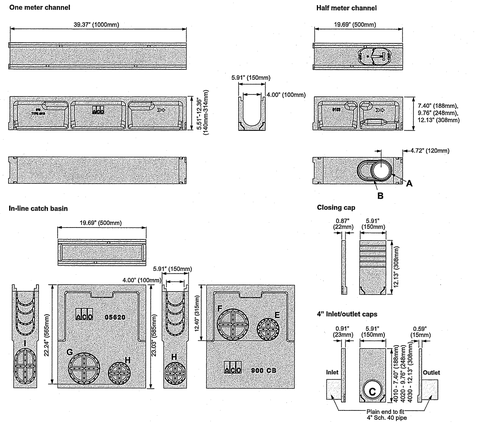


9 SLOT DRAIN- IN-LINE CATCH BASIN

1" = 1'-0"

7 TRACK TRENCH DRAIN/CURB AT SYNTHETIC TURF

1 1/2" = 1'-0" P-AT1-SHS-53



10 TRACK TRENCH DRAIN DETAILS

3/4" = 1'-0" P-AT1-SHS-54

SMITHFIELD HIGH SCHOOL
Boyle Athletic Field Complex Improvements
90 Pleasant View Avenue, Smithfield, R.I.

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TRAVERSE
landscape architects
150 Chestnut Street, 4th Floor Providence, RI 02903

RI Environmental Management
MAR 0 3 2023
Office of Water Resources

NOT FOR CONSTRUCTION

REGISTERED PROFESSIONAL LANDSCAPE ARCHITECT
ANTHONY J. ELLOW
No. 456

Date: FEBRUARY 28, 2023
Drawn by: JR JL Proj. Mgr.: AE

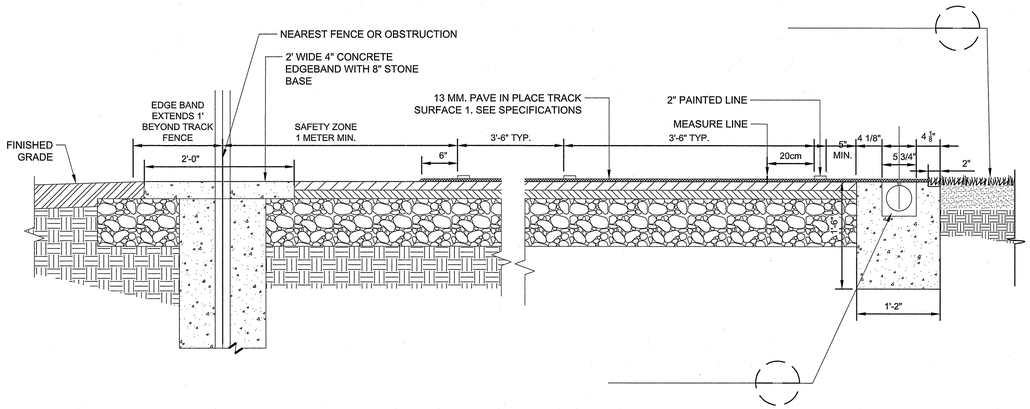
Revisions

No.	Date	Description

ATHLETIC DETAILS

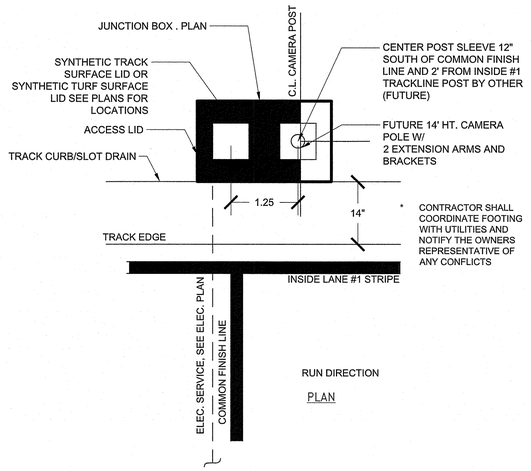
L3.03

22039 - A4.0



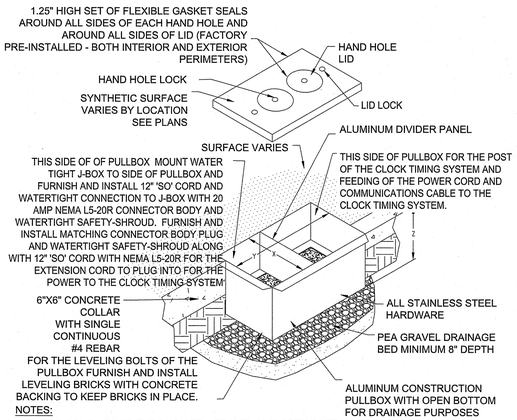
1 PAVE IN PLACE TRACK SURFACE 1 WITH SLOT DRAIN ADJACENT TO TURF

1" = 1'-0" P-AT1-SHS-40



2 TRACK TIMING SYSTEM - COMMUNICATIONS BOX

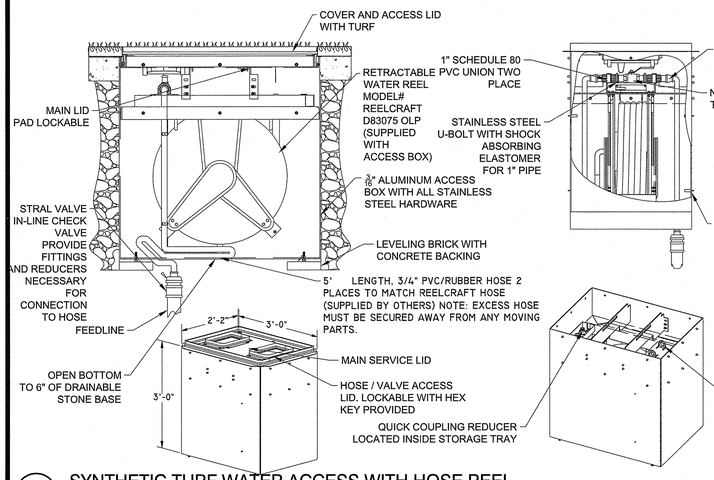
3/4" = 1'-0" P-AT1-SHS-82



NOTES:
1. SWEEP CONDUITS UP THROUGH PEA GRAVEL AND OPEN BOTTOM OF PULLBOX.
2. PULLBOX DIMENSIONS VARY FROM MANUFACTURE TO MANUFACTURE.
3. REFER TO MANUFACTURE OF PULLBOX'S INFORMATION FOR COMPLETE INSTALLATION DETAILS.
4. BOX FURNISHED AND INSTALLED BY ATHLETIC FIELD CONTRACTOR

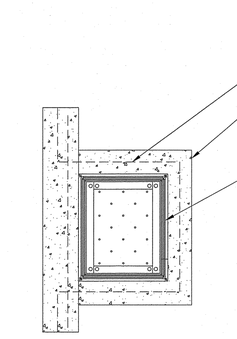
3 ATHLETIC COMBOX

1" = 1'-0"



4 SYNTHETIC TURF WATER ACCESS WITH HOSE REEL

1/2" = 1'-0"



PLAN VIEW

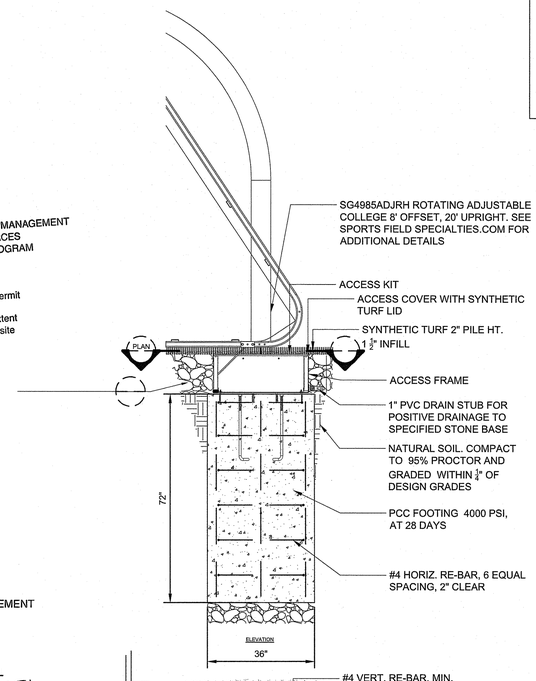
RI DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
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FRESHWATER WETLANDS PROGRAM

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6 TURF COMMUNICATIONS/UTILITY BOX PLAN

1" = 1'-0"

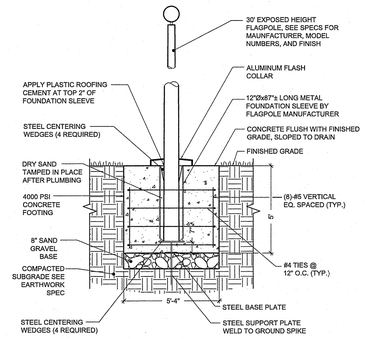


*SET CENTER POLE TO ALLOW FORRSPACE OF CROSS BAR TO BE AT GOAL LINE
* CONTRACTOR RESPONSIBLE FOR FINAL GOAL POST LAYOUT AND STAMPED FOOTING DRAWINGS BY A LICENSED ENGINEER IN THE STATE OF RHODE ISLAND

NOTE: (MODEL # SG4985ADJRH OR APPROVED EQUIVALENT) INCLUDES THE FOLLOWING EQUIPMENT BY SPORTS FIELD SPECIALTIES GP4280R Field Goal, SG2SGPR GoalPak Soccer Goal Safety System, SG4950 Regulation Square Post Soccer Goals,SG4955 SGMobile **Wheel kit** , SG6B1104 - KwikGoal International Soccer Corner Flags, 60"H.

5 FIELD GOAL POST DETAIL

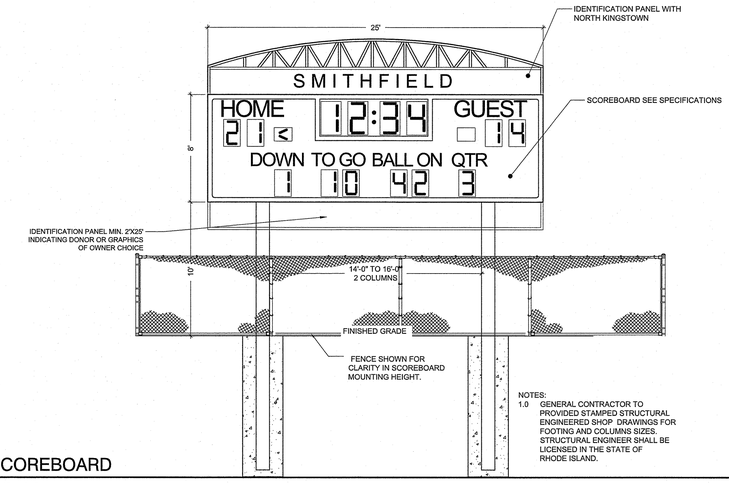
1/2" = 1'-0" P-AT1-SHS-08



NOTE:
A 6'x10' OFFICIAL FLAG SHALL BE FLOWN ON A 30' FLAGPOLE.

7 30' FLAG POLE

1/4" = 1'-0" P-AT1-SHS-23



NOTES:
1.0 GENERAL CONTRACTOR TO PROVIDED STAMPED STRUCTURAL ENGINEERED SHOP DRAWINGS FOR FOOTING AND COLUMNS SIZES. STRUCTURAL ENGINEER SHALL BE LICENSED IN THE STATE OF RHODE ISLAND.

8 SCOREBOARD

3/16" = 1'-0" P-AT1-SHS-38

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Charles L. Freeman

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TRAVERSE landscape architects
150 Chestnut Street, 4th Floor Providence, RI 02903

RI Environmental Management
MAR 0 3 2023
Office of Water Resources

NOT FOR CONSTRUCTION

REGISTERED LANDSCAPE ARCHITECT JAMES R. LEVESQUE No. 432

Date: FEBRUARY 28, 2023
Drawn by: JR JL Proj. Mgr.: AE

Revisions

No.	Date	Description

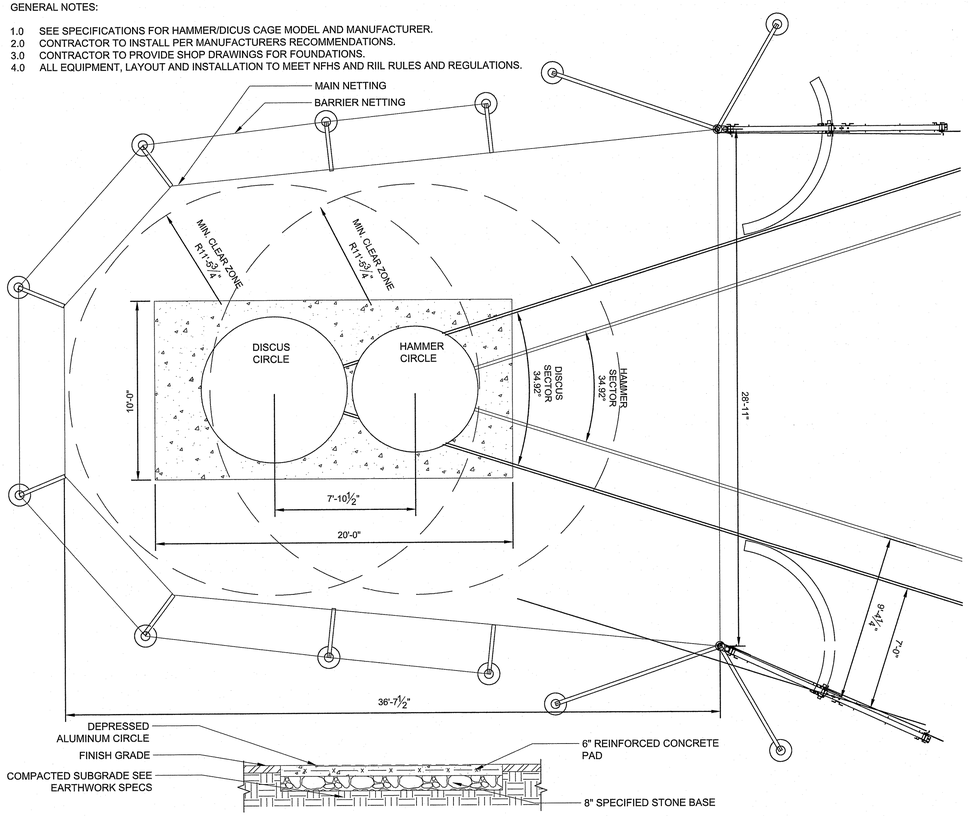
ATHLETIC DETAILS

L3.04

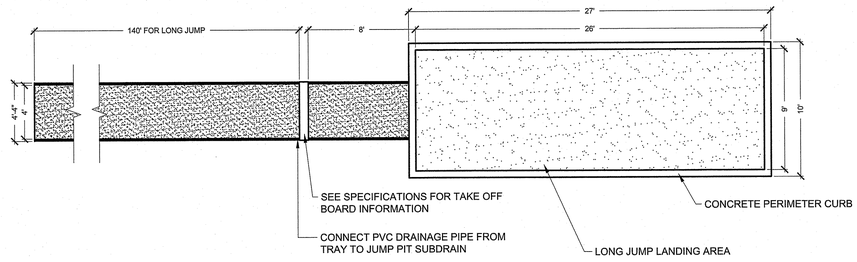
22039 - A4.0 | 31 of 38

GENERAL NOTES:

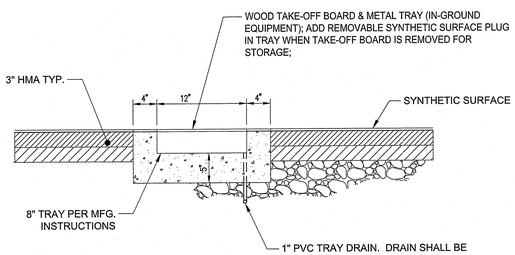
1.0 SEE SPECIFICATIONS FOR HAMMER/DICUS CAGE MODEL AND MANUFACTURER.
2.0 CONTRACTOR TO INSTALL PER MANUFACTURERS RECOMMENDATIONS.
3.0 CONTRACTOR TO PROVIDE SHOP DRAWINGS FOR FOUNDATIONS.
4.0 ALL EQUIPMENT, LAYOUT AND INSTALLATION TO MEET NFHS AND RIIL RULES AND REGULATIONS.



1 SECTION - DUAL RING DISCUS/HAMMER CAGE
1/4" = 1'-0"

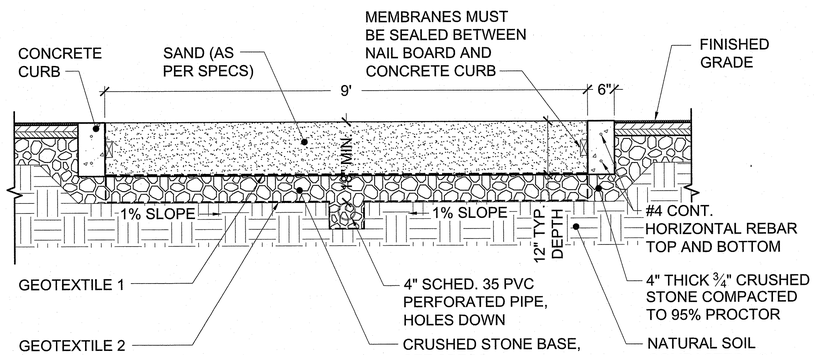


2 LONG JUMP / TRIPLE JUMP PIT
3/16" = 1'-0"
P-AT1-SHS-65



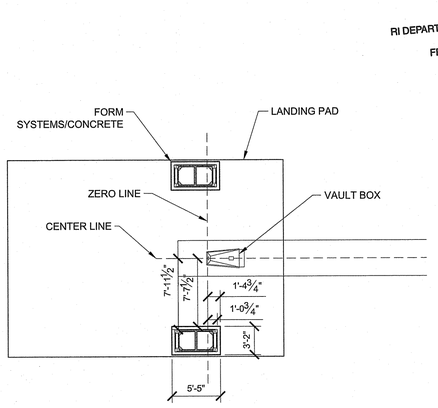
TAKE-OFF BOARDS ARE TO BE INSTALLED IN RUNWAYS AS SHOWN ON PLANS IN DETAIL TYP. PCC RUNWAY PAD SECTION. TRAY SHALL BE FLUSHED WITH CONCRETE SURFACE PER MDG. RECOMMENDATIONS. SEE DTL. FOR BOARD DISTANCE FROM SAND PIT.

4 LONG JUMP TAKE OFF BOARD DETAIL
1" = 1'-0"
P-AT1-SHS-32



NOTE:
CONCRETE CURB TO BE DESIGNED IN ACCORDANCE WITH GEOTECHNICAL REPORT AND REGIONAL FROST CONDITIONS.

3 LONG JUMP PIT CROSS SECTION
3/4" = 1'-0"
P-AT1-SHS-66

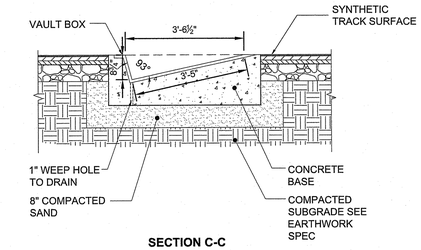


6 POLE VAULT FORM SYSTEMS DETAIL
1/8" = 1'-0"

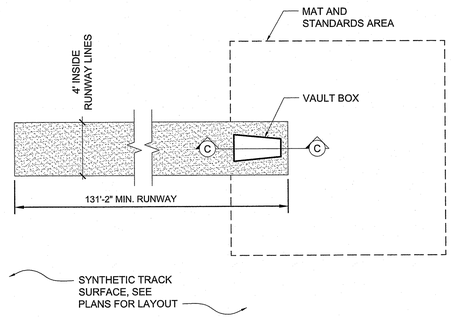
RI DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
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FRESHWATER WETLANDS PROGRAM

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SECTION C-C
N.T.S.



PLAN VIEW

NOTE:
REFER TO SPECIFICATIONS FOR MODEL AND MANUFACTURER.

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5 POLE VAULT EVENT AREA
3/16" = 1'-0"
P-AT1-SHS-74

SMITHFIELD HIGH SCHOOL
Boyle Athletic Field Complex Improvements
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TRAVERSE landscape architects
150 Chestnut Street, 4th Floor Providence, RI 02903

RI Environmental Management
MAR 0 8 2023
Office of Water Resources

NOT FOR CONSTRUCTION

REGISTERED LANDSCAPE ARCHITECT
JAMES L. ESSER
No. 452

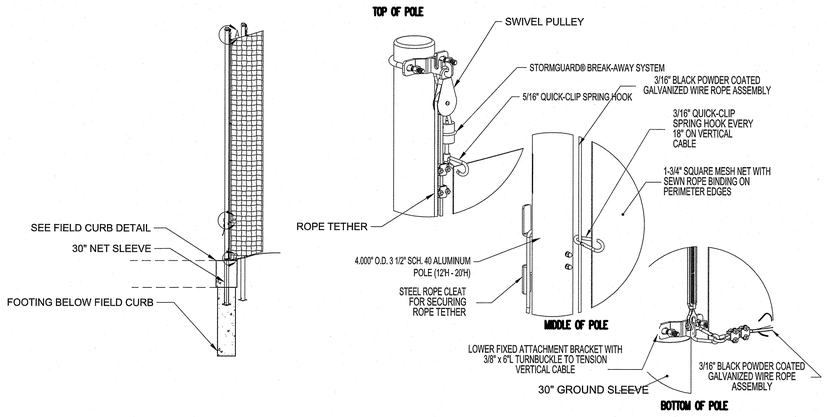
Date: FEBRUARY 28, 2023
Drawn by: JR JL Proj. Mgr.: AE
Revisions

No.	Date	Description

ATHLETIC DETAILS

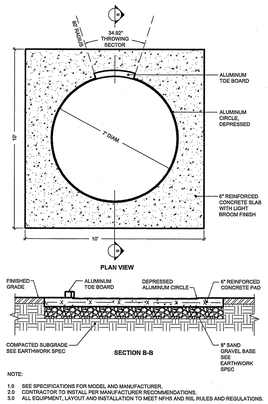
L3.05

22039 - A4.0



1 BREAKAWAY BALL SAFETY NETTING SYSTEM

1/4" = 1'-0"



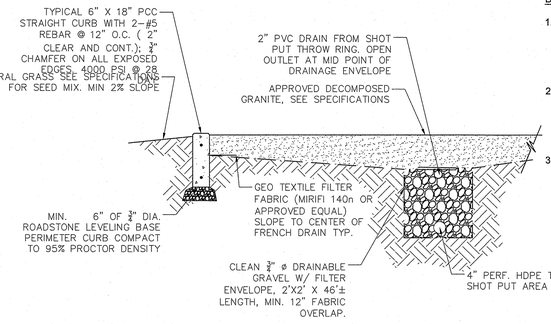
NOTE:

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2.0 CONTRACTOR TO INSTALL PER MANUFACTURER RECOMMENDATIONS.
3.0 ALL EQUIPMENT, LAYOUT AND INSTALLATION TO MEET NFHS AND RIIL RULES AND REGULATIONS.

2 SHOT PUT PAD

1/4" = 1'-0"

P-AT1-SHS-14



DECOMPOSED GRANITE (DG) SPECIFICATION:

1. THE SHOT PUT LANDING AREA SHALL CONSIST OF A DECOMPOSED GRANITE OR SIMILAR MATERIAL THAT MEETS THE APPROVAL OF THE DESIGN PROFESSIONAL, THAT IS FIRMLY COMPACTED, YET POROUS TO ALLOW VERTICAL DRAINAGE.
2. THE CONTRACTOR SHALL PROVIDE A ONE GALLON SAMPLE OF PROPOSED DECOMPOSED GRANITE FOR APPROVAL BY THE OWNER PRIOR TO INSTALLATION. AVAILABLE PRODUCT COLOR TO BE SELECTED AND APPROVED BY THE OWNER.
3. THE MATERIAL SHALL BE COMPACTED TO AT LEAST 90% OF STANDARD DENSITY WITH DISCING, SPRINKLING, AND ROLLING AS NECESSARY. ALL MATERIAL AGGREGATE LARGER THAN ONE-QUARTER (1/4") INCH IN DIAMETER THAT COMES TO THE SURFACE DURING DISCING SHALL BE REMOVED PRIOR TO COMPACTING OPERATIONS.

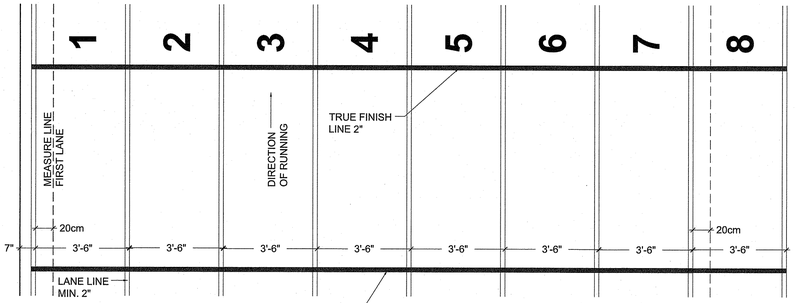
THE PRODUCT SHALL BE SIZED AS FOLLOWS:

SCREEN #	% PASSING
3/8	100
4	100
8	86
16	65
30	45
50	35
100	25
200	15

3 SHOT PUT LANDING AREA

1/2" = 1'-0"

P-AT1-SHS-20

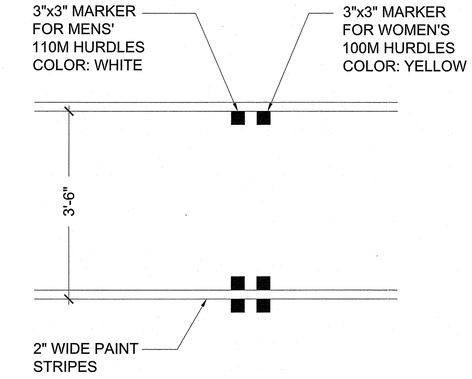


NOTE:
THIS TRACK HAS AN 8 LANE STRAIGHTAWAY (28'-2") ON THE WEST SIDE OF THE TRACK AND 6 LANES (21'-2") FOR THE REMAINDER OF THE TRACK.

4 HIGH SCHOOL TRACK LANE STRIPING

3/8" = 1'-0"

P-AT1-SHS-09



5 HS TRACK LANE STRIPING - HURDLES

3/4" = 1'-0"

P-AT1-SHS-11

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TRAVERSE
landscape architects
150 Chestnut Street, 4th Floor Providence, RI 02903

RI Environmental Management
MAR 0 8 2023
Office of Water Resources

NOT FOR CONSTRUCTION

REGISTERED LANDSCAPE ARCHITECT
ANTHONY EDDY
No. 432

Date: FEBRUARY 28, 2023
Drawn by: JR JL Proj. Mgr.: AE

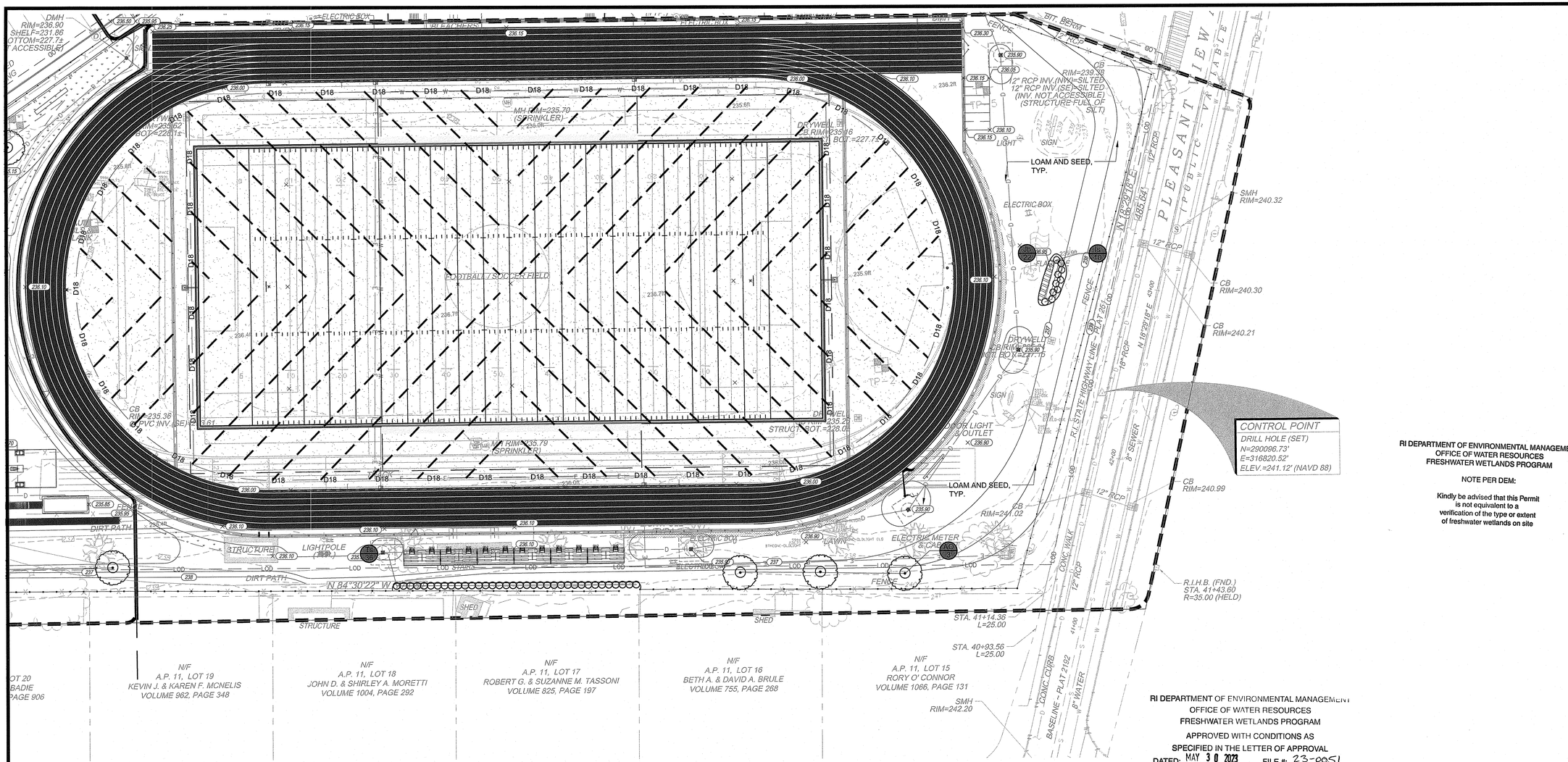
Revisions

No.	Date	Description

ATHLETIC DETAILS

L3.06

22039 - A4.0



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Nancy L. Freeman

GENERAL NOTES:

1. ALL PLANT MATERIAL MUST BE TAGGED IN THE GROUND, AT THE NURSERY BY THE LANDSCAPE ARCHITECT. ALL PLANT MATERIAL SHALL BE COMMERCIALLY OBTAINED AND SHALL MEET THE AMERICAN ASSOCIATION OF NURSERYMAN STANDARDS FOR NURSERY STOCK, LATEST EDITION, AND ITS AMENDMENTS. PLANT ONLY DURING SEASON NORMAL TO THE PARTICULAR VARIETY. ALL PLANT INSPECTIONS WILL BE AT THE EXPENSE OF THE CONTRACTOR. PERMANENT SEALS WILL BE REQUIRED.
2. PLANTING BEDS SHALL BE EXCAVATED TO A MINIMUM DEPTH OF 12" AND NEW LOAM AND COMPOST (50/50 MIX) SHALL BE INCORPORATED INTO THE PLANTING BED TO MEET SURROUNDING GRADES UNLESS OTHERWISE NOTED OR DETAILED. COVER ALL PLANTING BEDS WITH 3" SHREDDED HARDWOOD BARK MULCH WITHIN A SEVENTY-TWO HOUR PERIOD AFTER PLANTING. SEE PLAN FOR BED LAYOUT.
3. ALL EXISTING AND PROPOSED TREES SHOWN IN LAWN AREAS SHALL RECEIVE A 5' DIAMETER MULCH BED. MULCH SHALL BE PLACED TO A DEPTH OF 3". REMOVE ALL SOD, ROOTS, STICKS AND STONES PRIOR TO PLACEMENT OF MULCH.
4. ALL PLANT MATERIALS FURNISHED BY THE CONTRACTOR SHALL BE GUARANTEED FOR A PERIOD OF ONE YEAR FROM FINAL ACCEPTANCE OF LANDSCAPE WORK.
5. STAKE ALL TREES OVER 5' AS SHOWN ON DETAILS. REMOVE STAKES AT THE END OF THE GUARANTEE PERIOD.
6. THE CONTRACTOR IS RESPONSIBLE FOR KEEPING THE SITE CLEAN OF MISCELLANEOUS DEBRIS THROUGHOUT THE CONSTRUCTION PERIOD. ALL WASTE MATERIAL IS TO BE DISPOSED OF IMMEDIATELY TO AN OFF-SITE LOCATION, UNLESS OTHERWISE INDICATED ON THE PLANS.
7. THE CONTRACTOR SHALL PERFORM ALL WORK IN ACCORDANCE WITH ALL LOCAL, STATE, AND FEDERAL REGULATIONS, AND SHALL OBTAIN ALL NECESSARY PERMITS FOR THIS PROJECT.
8. LOAM: LOAM MOVED DURING THE COURSE OF CONSTRUCTION SHALL BE RETAINED AND DISTRIBUTED WITHIN THE SITE IN ACCORDANCE WITH THE LANDSCAPE PLAN. STOCKPILED LOAM SHALL NOT BE MIXED WITH ANY SUBSOIL, NOXIOUS WEEDS OR UNSUITABLE MATERIALS. ALL EXCESS LOAM SHALL REMAIN ON THE PROPERTY OF THE OWNER. NEW LOAM IF REQUIRED TO PROVIDE THE SPECIFIED DEPTH, SHALL BE A FERTILE, FRIABLE MEDIUM TEXTURED SANDY LOAM FREE OF MATERIAL TOXIC TO HEALTHY PLANT GROWTH. LOAM SHALL ALSO BE FREE OF ALL STUMPS, ROOTS, STONES AND OTHER EXTRANEOUS MATTER AN INCH (1") OR GREATER IN DIAMETER. THE PH SHALL BE BETWEEN 6.5 AND 7.5. ORGANIC CONTENT SHALL BE A MINIMUM OF 5%.
9. LAWN PREPARATION: REMOVE ALL DEBRIS AND OTHER INORGANIC MATERIALS ON THE PREPARED SUBGRADE, RESHAPE AND DRESS ANY DAMAGED OR ERODED AREA PRIOR TO SPREADING THE LOAM. SCARIFY AND LOOSEN SUBGRADE IN ANY AREAS WHERE COMPACTION MAY HAVE OCCURRED. SPREAD STOCKPILED AND OFF-SITE LOAM ON ALL DISTURBED AREAS TO PRODUCE A DEPTH OF 4" UNLESS OTHERWISE NOTED ON THE PLANS. FINE GRADE LOAMED AREAS TO PRODUCE A SMOOTH AND UNBROKEN FINISH GRADE TO THE REQUIRED DEPTH. APPLY A STARTER FERTILIZER (10-20-10) AT A RATE OF 20 LBS. PER 1000 SQUARE FEET AND LIME AT A RATE OF 40 LBS. PER 1000 SQUARE FEET UNLESS OTHERWISE NOTED ON THE PLANS OR IN THE SPECIFICATIONS. ONCE SPREAD, THE FERTILIZER AND LIME SHALL BE THOROUGHLY INCORPORATED INTO THE LOAM. THE LOAM SHALL BE ROLLED, AND DEPRESSION SHALL BE TOP DRESSED AND RAKED TO CREATE A SMOOTH SURFACE.
10. SEEDING: SEEDING SHALL TAKE PLACE BETWEEN MARCH 15 AND MAY 31 OR AUGUST 15 AND OCTOBER 15 ONLY. SEED SHALL BE PURE, LIVE, FRESH SEED FROM COMMERCIAL SOURCES MEETING AND LABELED IN ACCORDANCE WITH STATE AND FEDERAL RULES AND REGULATIONS. THE SEED MIXTURE SHALL BE AS NOTED ON THIS SHEET.

    SEEDED AREAS SHALL, AT A MINIMUM, INCLUDE ALL AREAS OF THE SITE THAT HAVE BEEN DISTURBED OR ARE BARREN UNLESS OTHERWISE NOTED ON THE PLANS. SEED SHALL BE APPLIED AT THE RATES INDICATED PER SEED MIX.
11. PROTECTION OF EXISTING PLANTINGS: MAXIMUM EFFORT SHOULD BE MADE TO SAVE TREE OR OTHER PLANT SPECIMENS WHICH ARE LARGE FOR THEIR SPECIES, RARE TO THE AREA, OR OF SPECIAL HORTICULTURAL OR LANDSCAPE VALUE. CONTACT OWNER/LANDSCAPE ARCHITECT BEFORE REMOVING ANY SPECIMEN OF THIS TYPE UNLESS OTHERWISE NOTED ON THE PLANS. NO MATERIAL OR TEMPORARY SOIL DEPOSITS SHALL BE PLACED WITHIN THE DRIP LINE OF SHRUBS OR TREES DESIGNATED ON THE LANDSCAPE PLAN TO BE RETAINED. PROTECTIVE BARRIERS ARE TO BE INSTALLED AROUND EACH PLANT AND/OR GROUP OF PLANTS THAT ARE TO REMAIN ON THE SITE. BARRIERS SHALL NOT BE SUPPORTED BY THE PLANTS THEY ARE PROTECTING, BUT SHALL BE SELF SUPPORTING. THEY SHALL BE OF MINIMUM OF FOUR FEET (4') HIGH AND CONSTRUCTED OF A DURABLE MATERIAL, SUCH AS SNOW OR SILT FENCE, THAT WILL LAST UNTIL CONSTRUCTION IS COMPLETED.
12. PRUNING: THE CONTRACTOR SHALL EMPLOY A CERTIFIED ARBORIST TO PRUNE ANY EXISTING ROOTS OR BRANCHES CAREFULLY PRUNE BRANCHES IN THE WAY OF CONSTRUCTION BY USING ONLY APPROVED METHODS AND TOOLS. THE USE OF AXES FOR TRIMMING OR SPURS FOR CLIMBING WILL NOT BE PERMITTED.
13. EXISTING UTILITIES: IN ACCORDANCE WITH DIG-SAFE LAW (1-800-225-4977), THE CONTRACTOR SHALL CONTACT ALL APPLICABLE UTILITY COMPANIES AND VERIFY UTILITY LINE LOCATIONS. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR ANY/ALL UTILITY DAMAGE. RECORD LOCATIONS OF DIG-SAFE UTILITY LINE MARKINGS ON PROJECT RECORD DOCUMENTS.
14. DISTURBED AREAS: ANY AREAS DISTURBED DURING THE COURSE OF CONSTRUCTION ARE TO BE RESTORED TO ORIGINAL (OR BETTER) CONDITION BY CONTRACTOR BEFORE COMPLETION OF THE PROJECT, AND ARE SUBJECT TO APPROVAL BY LANDSCAPE ARCHITECT AND OWNER. ALL GRASS AREAS DISTURBED DURING CONSTRUCTION SHALL BE YORK RAKED TO REMOVE STONES AND LOAMED AND SEEDED AS PER SPECIFICATIONS.
15. LAYOUT: ALL NOTES AND DIMENSIONS ARE TYPICAL UNLESS OTHERWISE NOTED. ALL DIMENSIONS ARE SQUARE (PARALLEL OR PERPENDICULAR) UNLESS OTHERWISE NOTED. THE CONTRACTOR SHALL NOTIFY THE OWNER/OWNER'S REPRESENTATIVE IMMEDIATELY IN THE EVENT OF ANY DISCREPANCIES FOUND IN THE CONTRACT DOCUMENTS AND/OR IN THE FIELD, OR OF CONDITIONS UNCOVERED IN THE WORK WHICH ARE NOT REFLECTED IN THE PLANS.
16. DRAINAGE SYSTEMS: CONTRACTOR IS RESPONSIBLE FOR GENERAL CLEAN-OUT OF ALL CATCH BASINS, MANHOLES, AND/OR OTHER DRAINAGE FEATURES ON THE SITE WHICH HAVE ACCUMULATED SEDIMENT AS A RESULT OF CONSTRUCTION ACTIVITIES.
17. CLEANING: CONTRACTOR IS RESPONSIBLE FOR KEEPING SITE CLEAN OF MISCELLANEOUS DEBRIS THROUGHOUT THE CONSTRUCTION PERIOD. ALL WASTE MATERIAL IS TO BE DISPOSED OF IMMEDIATELY TO AN OFF-SITE LOCATION, UNLESS OTHERWISE INDICATED ON THE PLAN.

See Sheet 22 of 38 for the correct LOD that encloses all work proposed.

PLANT SCHEDULE LP1.21

TREES	CODE	QTY	BOTANICAL / COMMON NAME	CONT	CAL
	AO	3	Acer rubrum 'October Glory' / October Glory Red Maple	B & B	2"-2.5" Cal.
SHRUBS	**CODE**	**QTY**	**BOTANICAL / COMMON NAME**	**CONT**	**SIZE**
	Is	10	Ilex glabra 'Shamrock' / Shamrock Inkberry Holly	5 gal	
	Ts	36	Thuja occidentalis 'Smaragd' / Emerald Green Arborvitae	5`/6` B&B	
GROUND COVERS	**CODE**	**QTY**	**BOTANICAL / COMMON NAME**	**CONT**	
	Jb	83 sf	Juniperus horizontalis 'Bar Harbor' / Bar Harbor Creeping Juniper	#1	24" o.c.

0 30 60 90 feet

1" = 30'

NORTH

SMITHFIELD HIGH SCHOOL

Boyle Athletic Field Complex Improvements

90 Pleasant View Avenue, Smithfield, R.I.

SMITHFIELD PUBLIC SCHOOLS
49 Farnum Pike, Rhode Island

Rowse Architects
400 Massasoit Avenue, Suite 300, Second Floor East Providence, Rhode Island p. (401) 331-9200
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rowse@rowsearchitects.com

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TRAVERSE landscape architects
150 Chestnut Street, 4th Floor Providence, RI 02903

RI Environmental Management
MAR 0 3 2023
Office of Water Resources

NOT FOR CONSTRUCTION

REGISTERED LANDSCAPE ARCHITECT No. 432 JAMES R. LEVESQUE

Date: FEBRUARY 28, 2023
Drawn by: JR JL Proj. Mgr.: AE

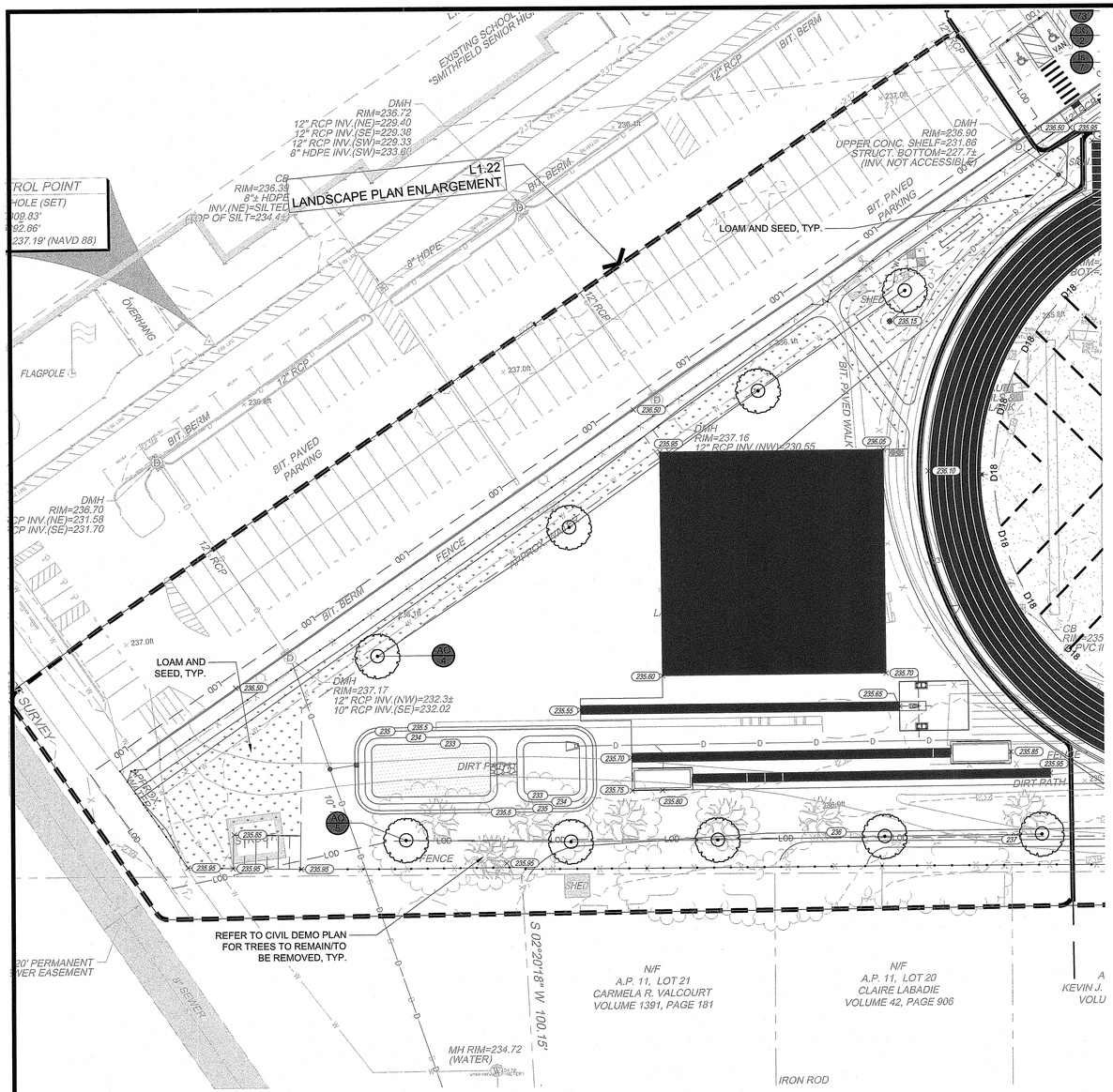
Revisions

No.	Date	Description

PLANTING ENLARGEMENT

LP1.21

22039 - A4.0



See Sheet 22 of 38 for the correct LOD that encloses all work proposed.

PLANT SCHEDULE LP1.22

TREES	CODE	QTY	BOTANICAL / COMMON NAME	CONT	CAL
	AO	9	Acer rubrum 'October Glory' / October Glory Red Maple	B & B	2"-2.5" Cal.

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

NOTE PER DEM:

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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: MAY 30 2023 FILE #: 23-0051
NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL
APPROVED PLANS MUST BE AT CONSTRUCTION SITE
Nancy L. Freeman

0 30 60 90 feet
1" = 30'

NORTH

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150 Chestnut Street, 4th Floor Providence, RI 02903

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NOT FOR CONSTRUCTION

REGISTERED LANDSCAPE ARCHITECT ANTHONY J. ELIA No. 432

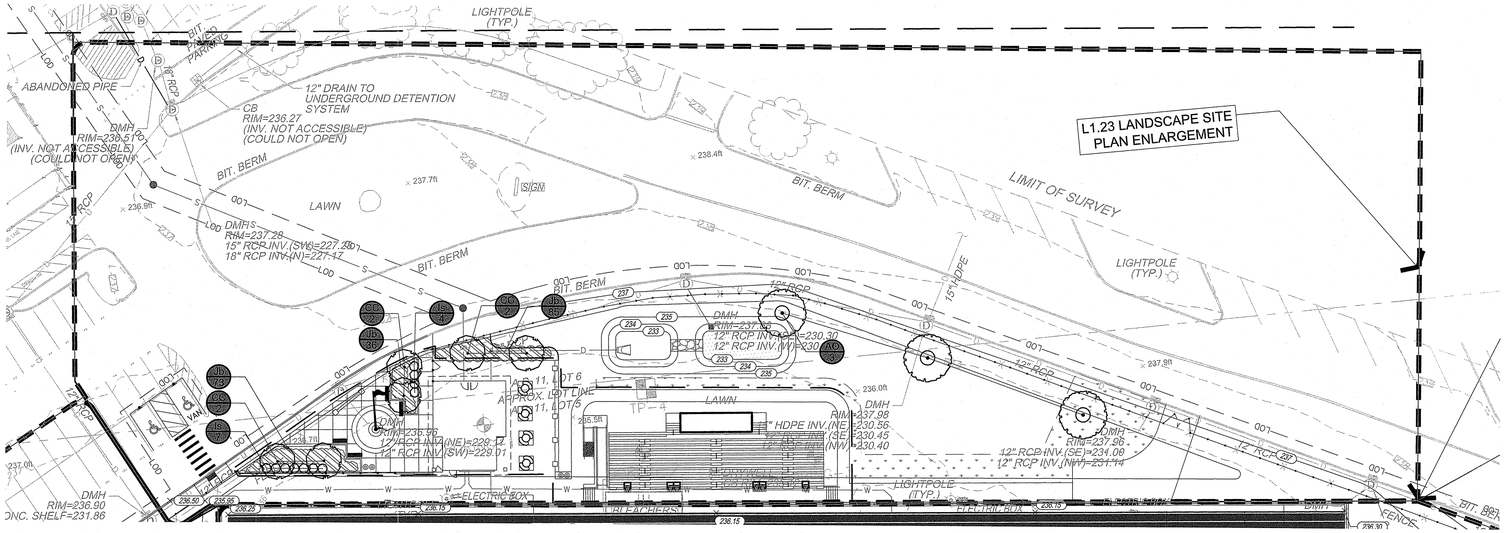
Date: FEBRUARY 28, 2023
Drawn by: JR JL Proj. Mgr.: AE
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No.	Date	Description

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OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM

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PLANT SCHEDULE LP1.23

TREES	CODE	QTY	BOTANICAL / COMMON NAME	CONT	CAL
	AO	3	Acer rubrum 'October Glory' / October Glory Red Maple	B & B	2"-2.5" Cal.
	CC	6	Cercis canadensis / Eastern Redbud	B & B	2"-2.5" Cal.
SHRUBS	**CODE**	**QTY**	**BOTANICAL / COMMON NAME**	**CONT**	**SIZE**
	Is	11	Ilex glabra 'Shamrock' / Shamrock Inkberry Holly	5 gal	
GROUND COVERS	**CODE**	**QTY**	**BOTANICAL / COMMON NAME**	**CONT**	
	Jb	194	Juniperus horizontalis 'Bar Harbor' / Bar Harbor Creeping Juniper	#1	24" o.c.

RI DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
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Stanley L. Freeman

0 30 60 90 feet
1" = 30'

NORTH

SMITHFIELD HIGH SCHOOL
Boyle Athletic Field Complex Improvements
90 Pleasant View Avenue, Smithfield, R.I.

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TRAVERSE landscape architects
150 Chestnut Street, 4th Floor Providence, RI 02903

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Office of Water Resources

NOT FOR CONSTRUCTION

REGISTERED LANDSCAPE ARCHITECT Anthony J. Edwards No. 432

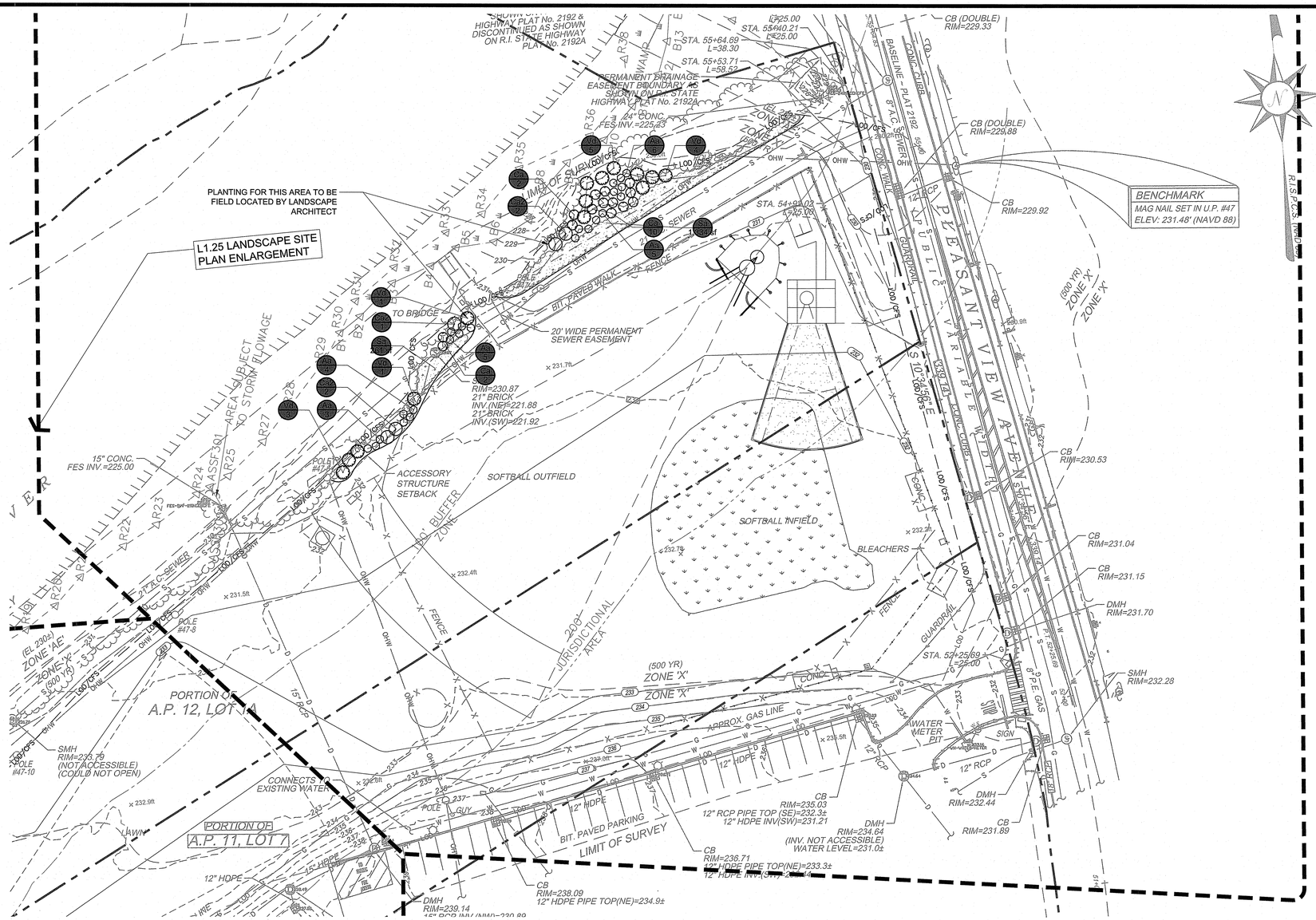
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Revisions

No.	Date	Description

PLANTING ENLARGEMENT

LP1.23

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CONSERVATION SEED MIX

Botanical Name	Common Name	Indicator
Elymus virginicus	Virginia Wild Rye	FACW-
Schizachyrium scoparium	Little Bluestem	FACU
Andropogon gerardii	Big Bluestem	FAC
Festuca rubra	Red Fescue	FACU
Sorghastrum nutans	Indian Grass	UPL
Panicum virgatum	Switch Grass	FAC
Chamaecrista fasciculata	Partridge Pea	FACU
Desmodium canadense	Showy Tick Trefoil	FAC
Asclepias tuberosa	Butterfly Milkweed	NI
Bidens frondosa	Beggar Ticks	FACW
Eupatorium purpureum (Eutrochium maculatum)	Purple Joe Pye Weed	FAC
Rudbeckia hirta	Black Eyed Susan	FACU-
Aster pilosus (Symphyotrichum pilosum)	Heath (or Hairy) Aster	UPL
Solidago juncea	Early Goldenrod	

PLANT SCHEDULE LP1.24

SHRUBS	CODE	QTY	BOTANICAL / COMMON NAME	CONT
	Aa	23	Aronia melanocarpa 'Autumn Magic' / Autumn Magic Black Chokeberry	5 gal
	Ca	14	Clethra alnifolia / Summersweet	5 gal
	Ca2	5	Cornus amomum / Silky Dogwood	5 gal
	Vd	14	Viburnum dentatum 'Arrowwood' / Arrowwood Viburnum	5 gal

SEED MIXES	CODE	QTY	BOTANICAL / COMMON NAME	CONT	SPACING
	Sa	1,595 sf	Conservation Mix / Conservation Seed Mix	seed	

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Nancy L. Freeman

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FRESHWATER WETLANDS PROGRAM
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150 Chestnut Street, 4th Floor Providence, RI 02903

NOT FOR CONSTRUCTION

REGISTERED LANDSCAPE ARCHITECT
JAMES J. LEVESQUE
No. 432

Date: FEBRUARY 28, 2023
Drawn by: JR JL Proj. Mgr.: AE

Revisions

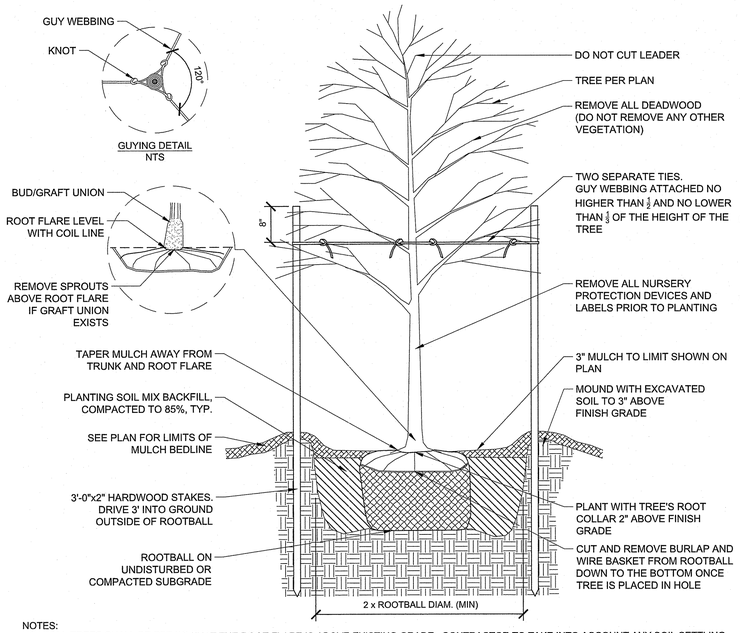
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PLANTING ENLARGEMENT

LP1.24

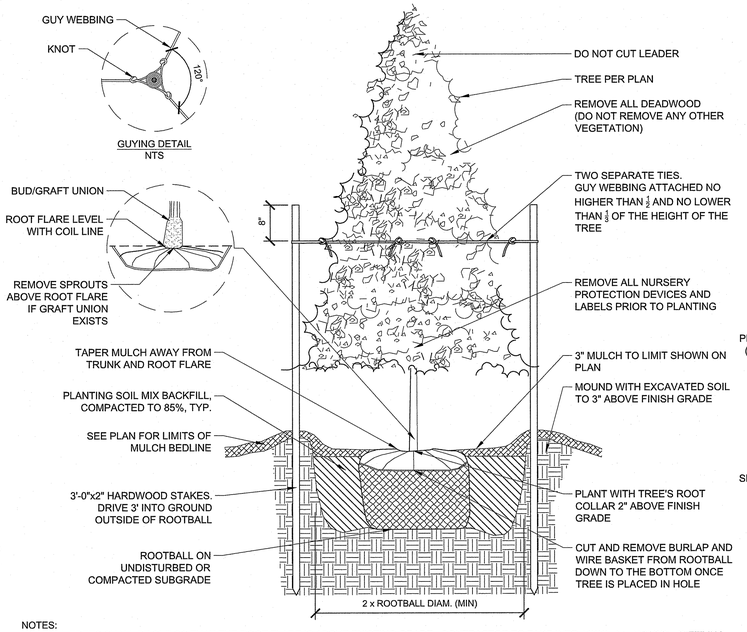
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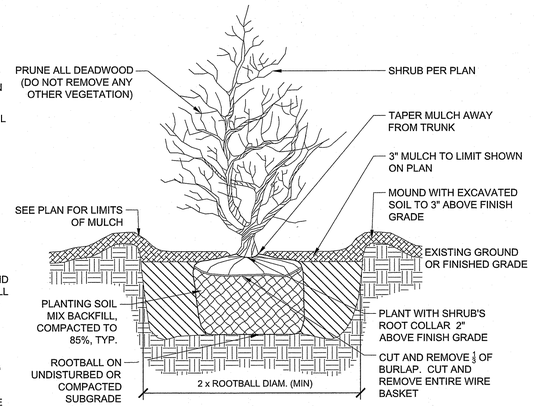
NOTES:
1. ALL TREES SHALL BE SET SO THAT THE ROOT FLARE IS ABOVE EXISTING GRADE. CONTRACTOR TO TAKE INTO ACCOUNT ANY SOIL SETTLING BELOW ROOT BALL.
2. AFTER THE GUARANTEE PERIOD THE CONTRACTOR WILL BE RESPONSIBLE FOR THE REMOVAL OF STAKES AND GUY WEBBING.
3. ALL TREES NOT LOCATED WITHIN A LARGER MULCHED PLANTING BED SHALL RECEIVE A 5' DIAMETER MULCH BED AROUND THE BASE OF THE TREE. IN NO INSTANCE SHALL MULCH BE PILED UP AROUND THE ROOT FLARE.

1 DECIDUOUS TREE PLANTING AND STAKING
3/4" = 1'-0"

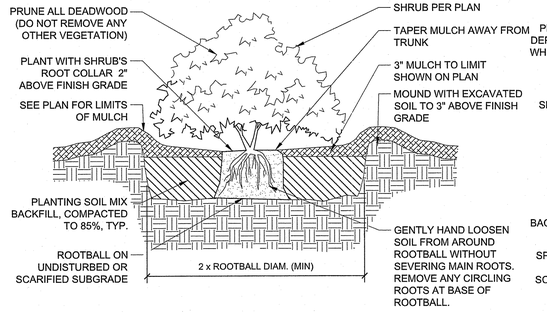


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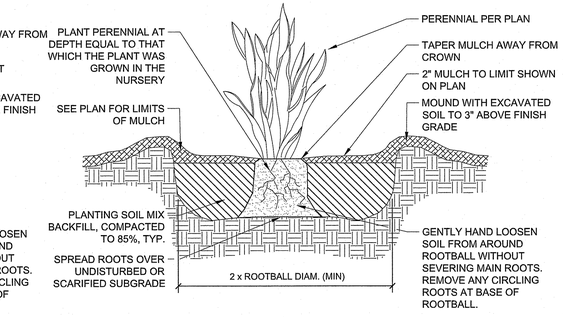
2 EVERGREEN TREE PLANTING AND STAKING
3/4" = 1'-0"



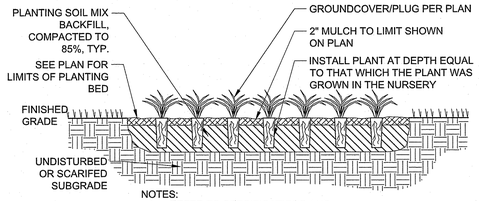
3 SHRUB PLANTING
1" = 1'-0"



4 CONTAINER GROWN SHRUB PLANTING
1" = 1'-0"

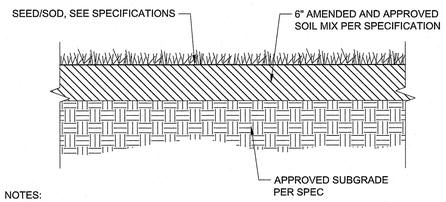


5 GRASS OR PERENNIAL PLANTING
1" = 1'-0"



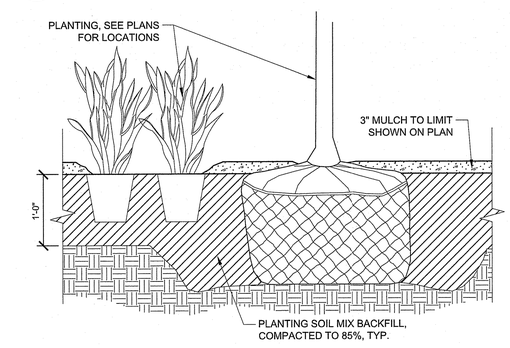
NOTES:
1. REFER TO SPECIFICATIONS AND DETAILS FOR SOIL DEPTHS.

6 GROUNDCOVER & PLUG PLANTING
1" = 1'-0"



NOTES:
1. SEE PLANS FOR LIMITS OF SEEDED/SODDED AREAS.
2. AREAS OUTSIDE THE LIMITS OF PROPOSED WORK DISTURBED BY THE CONTRACTOR'S OPERATIONS SHALL BE RESTORED BY THE CONTRACTOR WITH 6 INCHES LOAM AND SEED/SOD.
3. AREAS DISTURBED DURING CONSTRUCTION AND NOT RESTORED WITH IMPERVIOUS SURFACES (BUILDINGS, PAVEMENTS, WALKS, ETC.) SHALL RECEIVE 6 INCHES LOAM AND SEED/SOD.
4. CONTRACTOR SHALL ENSURE A FULL 6" DEPTH OF LOAM AFTER ROLLING, RAKING, AND WATERING. PREPARED SEED BED SHALL BE REVIEWED BY THE LANDSCAPE ARCHITECT PRIOR TO SEEDING ACTIVITIES.

7 LOAM & SEED
1" = 1'-0"



NOTE:
THIS SOIL PROFILE SHALL BE PROVIDED FOR MULCHED PLANTING BEDS.

8 SOIL PROFILE FOR PLANTING BEDS
1" = 1'-0"

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150 Chestnut Street, 4th Floor Providence, RI 02903

RI Environmental Management
MAR 0 3 2023
Office of Water Resources

NOT FOR CONSTRUCTION

REGISTERED LANDSCAPE ARCHITECT
ANTHONY EDDY
No. 432

Date: FEBRUARY 28, 2023
Drawn by: JR JL Proj. Mgr.: AE
Revisions

No.	Date	Description

PLANTING DETAILS

LP3.10

22039 - A4.0