

LAND DEVELOPMENT PLANS ISSUED FOR PLANNING AND ZONING APPROVAL FOR PROPOSED RETAIL

1860 KINGSTOWN ROAD (RTE. 108)
SOUTH KINGSTOWN, RHODE ISLAND

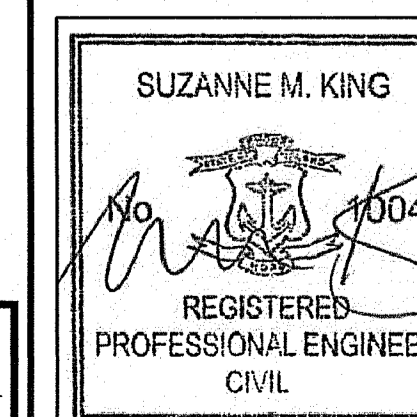
PREPARED FOR:
GARRETT HOMES, LLC
6 WILLIAM WAY
HARWINTON, CONNECTICUT

PREPARED BY:



ARCHITECTURE
ENGINEERING
ENVIRONMENTAL
LAND SURVEYING

100 RIVER RIDGE DRIVE, SUITE 105
NORWOOD, MASSACHUSETTS 02062
(781) 619-9500



FOR PERMITTING PURPOSES ONLY
NOT RELEASED FOR CONSTRUCTION



VICINITY MAP

SCALE: 1"=200'

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
APPROVED WITH CONDITIONS
AS SPECIFIED IN THE LETTER OF APPROVAL
DATED SEP 24 2019 FILE # 19-0108
NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL
APPROVED PLANS MUST BE AT CONSTRUCTION SITE
Nancy L. Freeman

Environmental Management
SEP 23 2019
Office of Water Resources

LOCATION MAP

N.T.S.

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APPLICANT/DEVELOPER:
GARRETT HOMES, LLC
6 WILLIAM WAY
HARWINTON, CONNECTICUT 06791

OWNER:
SOUTH SHORE MENTAL HEALTH
765 ALLENS AVE, SUITE 100
PROVIDENCE, RHODE ISLAND 02905

DATES
ISSUE DATE: MARCH 12, 2019
REVISION: APRIL 26, 2019
MAY 6, 2019
MAY 7, 2019
MAY 16, 2019
JUNE 25, 2019
JUNE 28, 2019
JULY 19, 2019
AUGUST 5, 2019
AUGUST 27, 2019
SEPTEMBER 20, 2019

REVISION PER 4/10/19 TRC MEETING COMMENTS
REVISION PER 4/10/19 TRC MEETING COMMENTS
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REVISION PER 9/20/19 RIDEM COMMENTS

GENERAL NOTES

- NORTH ARROW AND BEARINGS REFER TO NAD 83 AND ARE BASED ON GPS OBSERVATIONS PERFORMED BY BL COMPANIES ON 7/18/2018.
- ELEVATIONS REFER TO NAVD 88 AND ARE BASED ON GPS OBSERVATIONS PERFORMED BY BL COMPANIES ON 7/18/2018.
- PARCEL IS LOCATED IN ZONE "X", (AREAS DETERMINED TO BE OUTSIDE THE 0.2% ANNUAL CHANCE FLOODPLAIN) AS DEPICTED ON F.I.R.M. COMMUNITY PANEL NO. 445407 0184 J PANEL 184 OF 368 REVISED: OCTOBER 16, 2013.
- THE UNDERGROUND UTILITIES DEPICTED HAVE BEEN PLOTTED FROM FIELD SURVEY INFORMATION AND EXISTING DRAWINGS. THE SURVEYOR MAKES NO GUARANTEE THAT THE UNDERGROUND UTILITIES DEPICTED COMPRISE ALL SUCH UTILITIES IN THE AREA, EITHER IN SERVICE OR ABANDONED. THE SURVEYOR FURTHER DOES NOT WARRANT THAT THE UNDERGROUND UTILITIES DEPICTED ARE IN THE EXACT LOCATION INDICATED THOUGH THEY ARE PLOTTED AS ACCURATELY AS POSSIBLE FROM INFORMATION AVAILABLE. THE SURVEYOR HAS NOT PHYSICALLY EXPOSED THE UNDERGROUND UTILITIES. THE CONTRACTOR SHALL CONFIRM THE LOCATION OF ALL UTILITIES PRIOR TO THE COMMENCEMENT OF EXCAVATION.
- WETLAND DELINEATION AND LOCATIONS PROVIDED BY NATURAL RESOURCE SERVICES, INC.

PLAT REFERENCES

- PLAT OF LAND IN SOUTH KINGSTOWN, R.I. SURVEYED FOR ESTATE OF SAMUEL A. RODMAN, SCALE 1"=100', DATE FEBRUARY 1950 AND FILED AS PLAT BOOK 12 PAGE 872 OF THE SOUTH KINGSTOWN LAND RECORDS.
- "PROPOSED LOT PLAN, ADMINISTRATIVE SUBDIVISION FOR CERTAIN LAND OF SOUTH COUNTY SAND + GRAVEL CO. LOCATED ON KINGSTOWN ROAD AND CURTIS CORNER ROAD IN THE TOWN OF SOUTH KINGSTOWN, RI", SCALE 1"=40', DATE 2/1/1994, REVISED THRU 2/15/1994, PREPARED BY W & W LAND SURVEYORS INC, PEACE DALE, RI AND FILED AS PLAT BOOK 24 PAGE 11 OF THE SOUTH KINGSTOWN LAND RECORDS.
- "FINAL PLAN, DEFINITIVE PLAN FOR ROLLING ACRES SECTION 7 A.P. 40-1, LOT 2, SOUTH KINGSTOWN, RHODE ISLAND", SCALE 1"=40', DATE 7/12/1999, REVISED THRU 3/23/2000, SHEET NO. 2 OF 9, PREPARED BY ENVIRONMENTAL PLANNING & SURVEYING, INC. WEST KINGSTON, RHODE ISLAND AND FILED AS PLAT 2000-59 OF THE SOUTH KINGSTOWN LAND RECORDS.
- "ADMINISTRATIVE SUBDIVISION FOR A.P.-1 LOTS 3, 125 & 126, KINGSTOWN ROAD (ROUTE 108) IN SOUTH KINGSTOWN, RHODE ISLAND", SCALE 1"=30', DATE 9/18/2009, REVISED THRU 5/10/2010, PREPARED BY COMMONWEALTH ENGINEERS & CONSULTANTS, INC. PROVIDENCE, RHODE ISLAND AND FILED AS PLAT 2010-31 OF THE SOUTH KINGSTOWN LAND RECORDS.

RECORD DESCRIPTION

BEGINNING A POINT ON THE WESTERLY SIDE OF KINGSTOWN ROAD AT THE NORTHWESTERLY CORNER OF THE HEREIN-DESCRIBED AP-1 LOT 125, AS SHOWN ON PLAN ENTITLED "ADMINISTRATIVE SUBDIVISION FOR A.P. 40-1 LOTS 3, 125 & 126 KINGSTOWN ROAD (ROUTE 108) " IN SOUTH KINGSTOWN, RHODE ISLAND, SCALE 1"=30', SHEET NO. 1 OF 1, DATED 9/16/09, REVISED 12/1/09 AND 5/25/10 PREPARED BY COMMONWEALTH ENGINEERS & CONSULTANTS, INC. SAID POINT BEING THE POINT AND PLACE OF BEGINNING;

THENCE RUNNING ALONG THE WESTERLY SIDE OF KINGSTOWN ROAD FOR A DISTANCE OF ONE HUNDRED SEVENTY AND 00/100 FEET (170.00') TO A CORNER;

THENCE TURNING AN INTERIOR ANGLE OF 90°00'00" AND RUNNING WESTERLY FOR A DISTANCE OF TWO HUNDRED ONE AND 86/100 FEET (201.86') BOUNDED SOUTHERLY BY AP 40-1 LOT 126 TO A POINT;

THENCE TURNING AN INTERIOR ANGLE OF 174°32'50" AND RUNNING WESTERLY FOR A DISTANCE OF ONE HUNDRED SIXTY- SEVEN AND 17/100 FEET (167.17') BOUNDED SOUTHERLY BY SAID AP 40-1 LOT 126 TO A CORNER;

THENCE TURNING AN INTERIOR ANGLE OF 78°48'07" AND RUNNING NORTHEASTERLY FOR A DISTANCE OF THIRTY-FIVE AND 70/100 FEET (35.70') BOUNDED WESTERLY BY LAND NOW OR FORMERLY OF DAVID L. RODMAN TO A POINT;

THENCE TURNING AN INTERIOR ANGLE OF 144°36'22" AND RUNNING NORTHEASTERLY FOR A DISTANCE OF ONE HUNDRED NINETY-FOUR AND 97/100 FEET (194.97') BOUNDED NORTHWESTERLY BY LAND NOW OR FORMERLY OF JOSEPH R. & STACY A. KIRKWOOD TO AN IRON PIN FOUND AT A CORNER;

THENCE TURNING AN INTERIOR ANGLE OF 142°02'41" AND RUNNING EASTERLY FOR A DISTANCE OF TWO HUNDRED FOUR AND 31/100 FEET (204.31') BOUNDED NORTHERLY BY LAND NOW OR FORMERLY OF S & F REALTY INC. TO THE POINT AND PLACE OF BEGINNING.

THE LAST-DESCRIBED COURSE FORMS AN INTERIOR ANGLE AF 90°00'00" WITH THE FIRST-DESCRIBED COURSE.

THE ABOVE-DESCRIBED AREA COMPRISES AP 40-1 LOT 125 AND CONTAINS 50,665 SQUARE FEET (1.16 AC) OF LAND.

ZONING TABLE

LOCATION: KINGSTOWN ROAD, SOUTH KINGSTOWN, RHODE ISLAND		
ZONE: MU (MIXED USE)/ KINGSTOWN ROAD SPECIAL MANAGEMENT DISTRICT		
ITEM #	ITEM	REQUIREMENTS
1	MINIMUM LOT AREA	10,000 S.F.
2	MINIMUM LOT WIDTH	70 FEET
3	MAXIMUM BLDG LOT COVERAGE	30%
4	MAXIMUM HEIGHT PRINCIPLE BUILDING	35 FEET
5	MINIMUM FRONT SETBACK	25 FEET
6	MINIMUM SIDE SETBACK	10 FEET (15 FEET RESIDENTIAL)
7	MINIMUM REAR	20 FEET (35 FEET RESIDENTIAL)

SURVEY CERTIFICATION

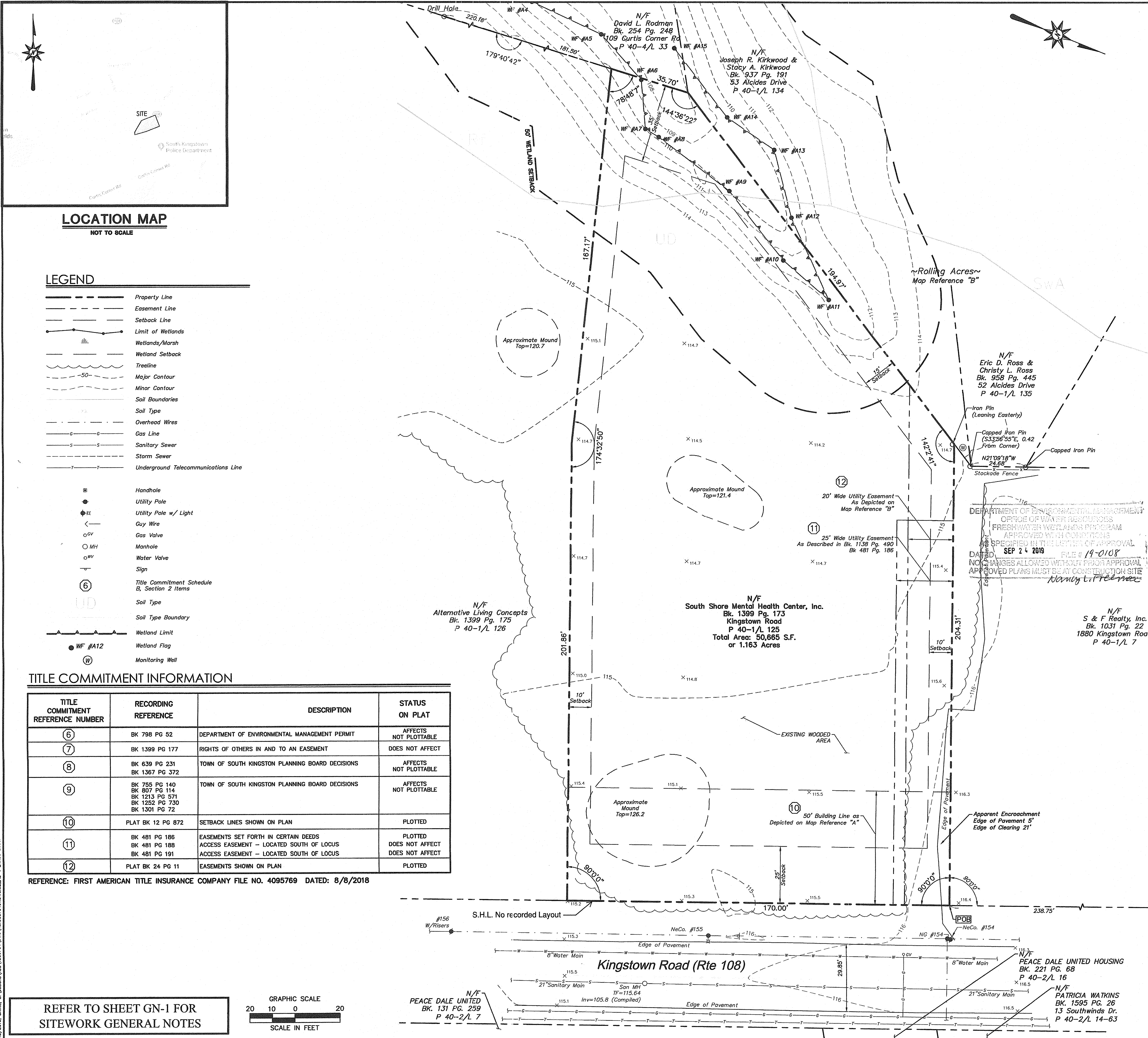
TO SOUTH SHORE MENTAL HEALTH CENTER, INC., PROPOSED RETAIL, FIRST AMERICAN TITLE INSURANCE COMPANY, DG CAPITAL, LLC;

THIS IS TO CERTIFY THAT THIS MAP OR PLAT AND THE SURVEY ON WHICH IT IS BASED WERE MADE IN ACCORDANCE WITH THE 2016 MINIMUM STANDARD DETAIL REQUIREMENTS FOR ALTA/NSPS LAND TITLE SURVEYS, JOINTLY ESTABLISHED AND ADOPTED BY ALTA/NSPS AND NSPS, AND INCLUDES ITEMS 2,3,4,5,6,8,9,11,13 AND 14 OF TABLE A THEREOF. THE FIELD WORK WAS COMPLETED ON 7/18/2018.

DATE: 3/12/19 SIGNED: *Jennifer Marks* No. 1980
JENNIFER MARKS, LAND SURVEYOR #1980

REVISIONS: No. Date Description
2 3 2019 Change Water Features

Designed A.V./J.C.
Drawn A.V.
Reviewed J.M.
Scale 1"=20'
Project No. 18C6704
Date 03/12/19
CAD File: AL18C670401 Field Book: 520
Title
ALTA/NSPS LAND TITLE SURVEY
Sheet No.
AL-1



LOCATION MAP
NOT TO SCALE

LEGEND

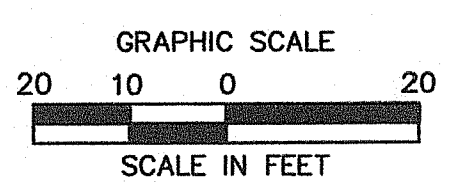
- Property Line
- Easement Line
- Setback Line
- Limit of Wetlands
- Wetlands/Marsh
- Wetland Setback
- Treeline
- Major Contour
- Minor Contour
- Soil Boundaries
- Soil Type
- Overhead Wires
- Gas Line
- Sanitary Sewer
- Storm Sewer
- Underground Telecommunications Line
- Handhole
- Utility Pole
- Utility Pole w/ Light
- Guy Wire
- Gas Valve
- Manhole
- Water Valve
- Sign
- Title Commitment Schedule B, Section 2 Items
- Soil Type
- Soil Type Boundary
- Wetland Limit
- Wetland Flag
- Monitoring Wall

TITLE COMMITMENT INFORMATION

TITLE COMMITMENT REFERENCE NUMBER	RECORDING REFERENCE	DESCRIPTION	STATUS ON PLAT
6	BK 798 PG 52	DEPARTMENT OF ENVIRONMENTAL MANAGEMENT PERMIT	AFFECTS NOT PLOTTABLE
7	BK 1399 PG 177	RIGHTS OF OTHERS IN AND TO AN EASEMENT	DOES NOT AFFECT
8	BK 639 PG 231 BK 1367 PG 372	TOWN OF SOUTH KINGSTOWN PLANNING BOARD DECISIONS	AFFECTS NOT PLOTTABLE
9	BK 755 PG 140 BK 807 PG 114 BK 1213 PG 571 BK 1252 PG 730 BK 1301 PG 72	TOWN OF SOUTH KINGSTOWN PLANNING BOARD DECISIONS	AFFECTS NOT PLOTTABLE
10	PLAT BK 12 PG 872	SETBACK LINES SHOWN ON PLAN	PLOTTED
11	BK 481 PG 186 BK 481 PG 188 BK 481 PG 191	EASEMENTS SET FORTH IN CERTAIN DEEDS ACCESS EASEMENT - LOCATED SOUTH OF LOCUS ACCESS EASEMENT - LOCATED SOUTH OF LOCUS	PLOTTED DOES NOT AFFECT DOES NOT AFFECT
12	PLAT BK 24 PG 11	EASEMENTS SHOWN ON PLAN	PLOTTED

REFERENCE: FIRST AMERICAN TITLE INSURANCE COMPANY FILE NO. 4095769 DATED: 8/8/2018

REFER TO SHEET GN-1 FOR SITEWORK GENERAL NOTES



SITE WORK GENERAL NOTES

- 1. THESE PLANS ARE FOR PERMITTING PURPOSES ONLY AND ARE NOT FOR CONSTRUCTION.
2. ALL CONSTRUCTION SHALL COMPLY WITH THE PROJECT SPECIFICATION MANUAL: RETAIL CORPORATION STANDARDS, MUNICIPAL STANDARDS AND SPECIFICATIONS, RHODE ISLAND DEPARTMENT OF TRANSPORTATION STANDARDS AND SPECIFICATIONS, 2010 ADA STANDARDS, AND STATE BUILDING CODE IN THE ABOVE REFERENCED INCREASING HIERARCHY.
3. REFER TO OTHER PLANS BY OTHER DISCIPLINES, DETAILS AND PROJECT MANUAL FOR ADDITIONAL INFORMATION.
4. DO NOT INTERRUPT EXISTING UTILITIES SERVING FACILITIES OCCUPIED AND USED BY THE OWNER OR OTHERS DURING OCCUPIED HOURS EXCEPT WHEN SUCH INTERRUPTS HAVE BEEN AUTHORIZED IN WRITING BY THE OWNER AND THE LOCAL MUNICIPALITIES.
5. THE CONTRACTOR SHALL ABIDE BY ALL OSHA, FEDERAL, STATE, AND LOCAL REGULATIONS WHEN OPERATING CRANES, BOOMS, HOISTS, ETC. IN CLOSE PROXIMITY TO OVERHEAD ELECTRIC LINES.
6. THE CONTRACTOR SHALL PROVIDE AS-BUILT RECORD DRAWINGS OF ALL CONSTRUCTION (INCLUDING UNDERGROUND UTILITIES AND STORMWATER SYSTEM) TO THE OWNER AT THE END OF CONSTRUCTION.
7. THE ARCHITECT OR ENGINEER IS NOT RESPONSIBLE FOR SITE SAFETY MEASURES TO BE EMPLOYED DURING CONSTRUCTION.
8. THE CONTRACTOR SHALL COMPLY WITH CFR 29 PART 1926 FOR EXCAVATION, TRENCHING, AND TRENCH PROTECTION REQUIREMENTS.
9. INFORMATION ON EXISTING UTILITIES AND STORM DRAINAGE SYSTEMS HAS BEEN COMPILED FROM AVAILABLE INFORMATION INCLUDING UTILITY COMPANY AND MUNICIPAL OR STATE RECORD MAPS AND/OR FIELD SURVEY AND IS NOT GUARANTEED CORRECT OR COMPLETE.
10. DO NOT SCALE DRAWINGS. DIMENSIONS GOVERN OVER SCALED DIMENSIONS.
11. IF PLANS AND OR SPECIFICATIONS ARE IN CONFLICT, THE MOST COSTLY SHALL APPLY.
12. ALL CONTRACTORS AND SUBCONTRACTORS SHALL OBTAIN COMPLETE DRAWING PLAN SETS FOR BIDDING AND CONSTRUCTION.
13. ALL NOTES AND DIMENSIONS DESIGNATED 'TYPICAL' APPLY TO ALL LIKE OR SIMILAR CONDITIONS THROUGHOUT THE PROJECT.
14. CONTRACTOR(S) TO TAKE AND VERIFY ALL DIMENSIONS AND CONDITIONS OF THE WORK AND BE RESPONSIBLE FOR COORDINATION OF SAME.
15. BL COMPANIES WILL PREPARE FINAL CONSTRUCTION DOCUMENTS SUITABLE FOR BIDDING AND CONSTRUCTION.
16. NO CONSTRUCTION OR DEMOLITION SHALL BEGIN UNTIL APPROVAL OF THE FINAL PLANS IS GRANTED BY ALL GOVERNING AND REGULATORY AGENCIES.
17. THE OWNER IS RESPONSIBLE FOR OBTAINING ALL NECESSARY ZONING PERMITS REQUIRED BY GOVERNMENT AGENCIES PRIOR TO CONSTRUCTION.
18. THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS OF ALL PRODUCTS AND MATERIALS PER PLANS AND SPECIFICATIONS TO THE OWNER AND CIVIL ENGINEER FOR REVIEW AND APPROVAL PRIOR TO FABRICATION OR DELIVERY TO THE SITE.
19. THE CONTRACTOR SHALL FOLLOW THE SEQUENCE OF CONSTRUCTION NOTES PROVIDED ON THE SEDIMENT AND EROSION CONTROL PLAN.
20. THE CONTRACTOR SHALL REFERENCE ARCHITECTURAL PLANS FOR EXACT DIMENSIONS AND CONSTRUCTION DETAILS OF BUILDING, AND THE RAISED CONCRETE SIDEWALKS, LANDINGS, AND RAMPS.
21. SHOULD ANY UNCHARTED OR INCORRECTLY CHARTED, EXISTING PIPING OR OTHER UTILITY BE UNCOVERED DURING EXCAVATION, CONSULT THE CIVIL ENGINEER IMMEDIATELY FOR DIRECTIONS BEFORE PROCEEDING FURTHER WITH WORK IN THIS AREA.
22. ALL SITE DIMENSIONS ARE REFERENCED TO THE FACE OF CURBS OR EDGE OF PAVING AS APPLICABLE UNLESS OTHERWISE NOTED.
23. THE CONTRACTOR SHALL PROVIDE AND MAINTAIN TRAFFIC DEVICES FOR PROTECTION OF VEHICLES AND PEDESTRIANS CONSISTING OF DRUMS, BARRIERS, SIGNS, LIGHTS, FENCES, TEMPORARY WALKWAYS, TRAFFIC CONTROLS AND UNIFORMED TRAFFIC OFFICERS AS REQUIRED OR AS ORDERED BY THE ENGINEER OR AS REQUIRED BY THE LOCAL GOVERNING AUTHORITIES OR AS REQUIRED BY THE STATE DEPARTMENT OF TRANSPORTATION.
24. TRAFFIC CONTROL SIGNAGE SHALL CONFORM TO THE STATE DOT STANDARD DETAIL SHEETS AND THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES.
25. REFER TO DETAIL SHEETS FOR PAVEMENT, CURBING, AND SIDEWALK INFORMATION.
26. THE CONTRACT LIMIT IS THE PROPERTY LINE UNLESS OTHERWISE SPECIFIED OR SHOWN ON THE CONTRACT DRAWINGS.
27. THE CONTRACTOR SHALL SUBMIT A SHOP DRAWING OF THE PAVEMENT MARKING PAINT MIXTURE PRIOR TO STRIPING.
28. PAVEMENT MARKING KEY:
4" SYDL 4" SOLID YELLOW DOUBLE LINE
4" SYL 4" SOLID YELLOW LINE
4" SWL 4" SOLID WHITE LINE
12" SWB 12" SOLID WHITE STOP BAR
4" SWL 4" BROKEN WHITE LINE 10' STRIPE 30' SPACE
29. PARKING SPACES SHALL BE STRIPED WITH 4" SWL; HATCHED AREA SHALL BE STRIPED WITH 4" SYL AT A 45° ANGLE, 2' ON CENTER, HATCHING, SYMBOLS, AND STRIPING FOR HANDICAPPED SPACES SHALL BE PAINTED WHITE AND BLUE.
30. ALL PARKING SPACES AND HATCHED AREAS SHALL HAVE TWO COATS OF PAVEMENT MARKINGS APPLIED TO STRIPING.
31. PAVEMENT MARKINGS SHALL BE HOT APPLIED TYPE IN ACCORDANCE WITH STATE DOT SPECIFICATIONS, UNLESS WHERE EPOXY RESIN PAVEMENT MARKINGS ARE INDICATED.
32. THE CONTRACTOR SHALL RESTORE ANY UTILITY STRUCTURE, DRAINAGE STRUCTURE, PIPE, UTILITY, PAVEMENT, CURBS, SIDEWALKS, LANDSCAPED AREAS, SWALE, PAVEMENT MARKINGS, OR SIGNAGE DISTURBED DURING DEMOLITION AND/OR CONSTRUCTION TO THEIR ORIGINAL CONDITION OR BETTER, AS APPROVED BY THE CIVIL ENGINEER, AND TO THE SATISFACTION OF THE OWNER AND MUNICIPALITY AND STATE.
33. EXISTING BOUNDARY AND TOPOGRAPHY IS BASED ON DRAWING TITLED "ALTA/NSPS LAND TITLE SURVEY SOUTH SHORE MENTAL HEALTH CENTER, INC. KINGSTOWN ROAD SOUTH KINGSTOWN, RHODE ISLAND" SCALE 1"=20', DATED 07-18-2016, BY BL COMPANIES INC.
34. ALTERNATIVE METHODS AND PRODUCTS OTHER THAN THOSE SPECIFIED MAY BE USED IF REVIEWED AND APPROVED BY THE OWNER, CIVIL ENGINEER, AND APPROPRIATE REGULATORY AGENCY PRIOR TO INSTALLATION DURING THE BIDDING PROCESS.
35. AN EROSION CONTROL BOND MAY BE REQUIRED TO BE POSTED BY THE CONTRACTOR BEFORE THE START OF ANY ACTIVITY ON OR OFF SITE.
36. THE SITE IS CURRENTLY SERVICED BY PUBLIC WATER.
37. NO PART OF THE PROJECT PARCEL IS LOCATED WITHIN ANY FEMA DESIGNATED FLOOD HAZARD AREAS.
38. THERE ARE WETLANDS LOCATED ON THE SITE AS INDICATED BY DELINEATION BY A SOIL SCIENTIST.
39. 12" SWB (STOP BAR) AND 4" SYDL AND SWL PAVEMENT MARKINGS LOCATED IN DRIVEWAY AND IN STATE HIGHWAY SHALL BE EPOXY RESIN TYPE ACCORDING TO RIDOT SPECIFICATIONS.
40. FIRE LANES SHALL BE ESTABLISHED AND PROPERLY DESIGNATED IN ACCORDANCE WITH THE REQUIREMENTS OF THE FIRE DISTRICT FIRE MARSHAL.
41. THE CONTRACTOR SHALL REMOVE CONFLICTING PAVEMENT MARKINGS IN THE ROADWAY BY METHOD APPROVED BY THE AUTHORITY HAVING JURISDICTION OR DOT AS APPLICABLE FOR THE LOCATION OF THE WORK.
42. ALL ADA DESIGNATED PARKING STALLS, ACCESS AISLES AND PEDESTRIAN WALKWAYS SHALL CONFORM TO THE CURRENT VERSION OF THE AMERICANS WITH DISABILITIES ACT STANDARDS FOR ACCESSIBLE DESIGN AND ANSI STANDARDS AND AS MAY BE SUPERCEDED BY THE STATE BUILDING CODE.
43. CONSTRUCTION OCCURRING ON THIS SITE SHALL COMPLY WITH NFPA 241 STANDARD FOR SAFEGUARDING CONSTRUCTION, ALTERATION AND DEMOLITION OPERATIONS, AND CHAPTER 16 OF NFPA 1 UNIFORM FIRE CODE.
44. CONTRACTOR SHALL SECURE ANY PERMITS, PAY ALL FEES AND PERFORM CLEARING AND GRUBBING AND DEBRIS REMOVAL PRIOR TO COMMENCEMENT OF GRADING OPERATIONS.
45. SEDIMENT AND EROSION CONTROLS AS SHOWN ON THE SEDIMENT AND EROSION CONTROL PLAN AND/OR DEMOLITION PLAN SHALL BE INSTALLED BY THE DEMOLITION CONTRACTOR PRIOR TO START OF DEMOLITION AND CLEARING AND GRUBBING OPERATIONS.
46. REMOVE AND DISPOSE OF ANY SIDEWALKS, FENCES, STAIRS, WALLS, DEBRIS AND RUBBISH REQUIRING REMOVAL FROM THE WORK AREA IN AN APPROVED OFF SITE LANDFILL, BY AN APPROVED HAULER. HAULER SHALL COMPLY WITH ALL REGULATORY REQUIREMENTS.
47. THE CONTRACTOR SHALL SECURE ALL PERMITS FOR HIS DEMOLITION AND DISPOSAL OF HIS DEMOLITION MATERIAL TO BE REMOVED FROM THE SITE. THE CONTRACTOR SHALL POST BONDS AND PAY PERMIT FEES AS REQUIRED. CONTRACTOR SHALL BE RESPONSIBLE FOR PERMITS AND DISPOSAL OF ALL DEMOLITION DEBRIS IN AN APPROVED OFF-SITE LANDFILL.
48. ASBESTOS OR HAZARDOUS MATERIAL, IF FOUND ON SITE, SHALL BE REMOVED BY A LICENSED HAZARDOUS MATERIAL ABATEMENT CONTRACTOR.
49. THE CONTRACTOR SHALL PREPARE ALL MANIFEST DOCUMENTS AS REQUIRED PRIOR TO COMMENCEMENT OF DEMOLITION.
50. THE CONTRACTOR SHALL CUT AND PLUG, OR ARRANGE FOR THE APPROPRIATE UTILITY PROVIDER TO CUT AND PLUG ANY ON SITE SERVICE PIPING AT THE STREET LINE OR AT THE MAIN, AS REQUIRED BY THE UTILITY PROVIDER, OR AS OTHERWISE NOTED OR SHOWN ON THE CONTRACT DRAWINGS.
51. THE CONTRACTOR SHALL PROTECT ALL IRON PINS, MONUMENTS AND PROPERTY CORNERS DURING DEMOLITION AND CONSTRUCTION ACTIVITIES.
52. THE DEMOLITION CONTRACTOR SHALL STABILIZE THE SITE AND KEEP EROSION CONTROL MEASURES IN PLACE UNTIL THE COMPLETION OF HIS WORK OR UNTIL THE COMMENCEMENT OF WORK BY THE SITE CONTRACTOR.
53. THE CONTRACTOR SHALL PUMP OUT BUILDING FUEL AND WASTE OIL TANKS (IF ANY ARE ENCOUNTERED) AND REMOVE FUEL TO AN APPROVED DISPOSAL AREA BY A LICENSED WASTE OIL HANDLING CONTRACTOR IN STRICT ACCORDANCE WITH STATE REGULATIONS.
54. IF IMPACTED OR CONTAMINATED SOIL IS ENCOUNTERED BY THE CONTRACTOR, THE CONTRACTOR SHALL SUSPEND EXCAVATION WORK OF IMPACTED SOIL AND NOTIFY THE OWNER AND/OR OWNER'S ENVIRONMENTAL CONSULTANT PRIOR TO PROCEEDING WITH FURTHER WORK IN THE IMPACTED SOIL LOCATION UNTIL FURTHER INSTRUCTED BY THE OWNER AND/OR OWNER'S ENVIRONMENTAL CONSULTANT.
55. ANY DOMESTIC GAS SERVICES SHALL BE CAPPED AND SERVICE LINES PURGED OF RESIDUAL GAS IN ACCORDANCE WITH THE GAS UTILITY PROVIDER REQUIREMENTS.
56. BACK FILL ANY DEPRESSIONS, ANY FOUNDATION HOLES AND REMOVED ANY DRIVEWAY AREAS IN LOCATIONS NOT SUBJECT TO FURTHER EXCAVATION WITH SOIL MATERIAL APPROVED BY THE OWNER'S GEOTECHNICAL ENGINEER AND COMPACT, FERTILIZE, SEED AND MULCH DISTURBED AREAS NOT SUBJECT TO FURTHER SITE CONSTRUCTION.
57. THE CONTRACTOR SHALL REPAIR PAVEMENTS BY INSTALLING TEMPORARY AND PERMANENT PAVEMENTS IN PUBLIC RIGHTS OF WAY AS REQUIRED BY LOCAL GOVERNING AUTHORITIES AND THE MUNICIPALITY, STATE AND PER PERMIT REQUIREMENTS DUE TO DEMOLITION AND ANY PIPE REMOVAL ACTIVITIES.
58. NO WORK ON THIS SITE SHALL BE INITIATED BY THE CONTRACTOR UNTIL A PRE-CONSTRUCTION MEETING WITH OWNER AND THE CIVIL ENGINEER IS PERFORMED.
59. THE CONTRACTOR SHALL ARRANGE FOR AND INSTALL TEMPORARY OR PERMANENT UTILITY CONNECTIONS WHERE INDICATED ON PLAN OR AS REQUIRED.
60. THE CONTRACTOR SHALL NOT COMMENCE DEMOLITION OR UTILITY DISCONNECTIONS UNTIL AUTHORIZED TO DO SO BY THE OWNER.
61. THE CONTRACTOR OR DEMOLITION CONTRACTOR SHALL INSTALL TEMPORARY SHEETING OR SHORING AS NECESSARY TO PROTECT EXISTING AND NEW BUILDINGS, STRUCTURES OR UTILITIES DURING CONSTRUCTION AND DEMOLITION.
62. NO SALVAGE SHALL BE PERMITTED UNLESS PAID TO THE OWNER AS A CREDIT.
63. ANY EXISTING POTABLE WELL AND ANY EXISTING SEPTIC TANKS/ABSORPTION AREAS SHALL BE ABANDONED AND REMOVED PER THE RI DEM, HEALTH CODE AND LOCAL SANITARIAN REQUIREMENTS.
64. THE CONTRACTOR SHALL PRESERVE EXISTING VEGETATION WHERE POSSIBLE AND/OR AS NOTED ON DRAWINGS.
65. TOPSOIL SHALL BE STRIPPED AND STOCKPILED ON SITE FOR USE IN FINAL LANDSCAPING.
66. FILL WITHIN ANY FORMER BUILDING FOUNDATION SHALL BE CHECKED BY TEST PIT AND PROOF-ROLLING AND SHALL BE OBSERVED BY THE OWNER'S GEOTECHNICAL ENGINEER.
67. THE CONTRACTOR SHALL COMPACT FILL IN LIFT THICKNESS PER THE GEOTECHNICAL REPORT UNDER ALL PARKING, BUILDING, DRIVE, AND STRUCTURE AREAS TO 95% OF THE MAXIMUM DRY DENSITY AS DETERMINED BY ASTM D1557 (MODIFIED PROCTOR TEST), OR AS REQUIRED BY THE GEOTECHNICAL ENGINEER.
68. UNDERDRAINS SHALL BE ADDED, IF DETERMINED NECESSARY IN THE FIELD BY THE OWNER/GEOTECHNICAL ENGINEER, AFTER SUBGRADE IS ROUGH GRADED.
69. VERTICAL DATUM IS NAVD 88.
70. CLEARING LIMITS SHALL BE PHYSICALLY MARKED IN THE FIELD AND APPROVED BY THE RI DEM AGENT PRIOR TO THE START OF WORK ON THE SITE.
71. PROPER CONSTRUCTION PROCEDURES SHALL BE FOLLOWED ON ALL IMPROVEMENTS WITHIN THIS PARCEL SO AS TO PREVENT THE SLIDING OF ANY WATERCOURSE OR WETLANDS IN ACCORDANCE WITH THE REGULATIONS OF THE RI DEM AND THE 1989 RHODE ISLAND SOIL EROSION AND SEDIMENT CONTROL HANDBOOK, LATEST EDITION.
72. ALL SITE WORK, MATERIALS OF CONSTRUCTION, AND CONSTRUCTION METHODS FOR EARTHWORK AND STORM DRAINAGE WORK SHALL CONFORM TO THE SPECIFICATIONS AND DETAILS AND APPLICABLE SECTIONS OF THE PROJECT SPECIFICATIONS MANUAL.
73. ALL DISTURBANCE INCURRED TO MUNICIPAL AND STATE PROPERTY DUE TO CONSTRUCTION SHALL BE RESTORED TO ITS PREVIOUS CONDITION OR BETTER, TO THE SATISFACTION OF THE MUNICIPALITY AND STATE AS APPLICABLE FOR THE LOCATION OF THE WORK.
74. ALL CONSTRUCTION WITHIN A DOT RIGHT OF WAY SHALL COMPLY WITH ALL DEPARTMENT OF TRANSPORTATION STANDARDS AND SPECIFICATIONS.
75. THE UTILITY PLAN DETAILS SITE INSTALLED PIPES UP TO 5' FROM THE BUILDING FACE.
76. THE CONTRACTOR SHALL VISIT THE SITE AND VERIFY THE ELEVATION AND LOCATION OF ALL UTILITIES BY VARIOUS MEANS PRIOR TO BEGINNING ANY EXCAVATION.
77. UTILITY CONNECTION DESIGN AS REFLECTED ON THE PLAN MAY CHANGE SUBJECT TO UTILITY PROVIDER AND GOVERNING AUTHORITY STAFF REVIEW.
78. THE CONTRACTOR SHALL ENSURE THAT ALL UTILITY PROVIDERS AND GOVERNING AUTHORITY STANDARDS FOR MATERIALS AND CONSTRUCTION METHODS ARE MET.
79. THE CONTRACTOR SHALL ARRANGE FOR AND COORDINATE WITH THE RESPECTIVE UTILITY PROVIDERS FOR SERVICE INSTALLATIONS AND CONNECTIONS.
80. ALL EXISTING PAVEMENT WHERE UTILITY PIPING IS TO BE INSTALLED SHALL BE SAW CUT.
81. ALL PIPES SHALL BE LAID ON STRAIGHT ALIGNMENTS AND EVEN GRADES USING A PIPE LASER OR OTHER ACCURATE METHOD.
82. SANITARY LATERAL SHALL MAINTAIN (10' MIN. HORIZONTAL 1.5' VERTICAL MIN.) SEPARATION DISTANCE FROM WATER LINES, OR ADDITIONAL PROTECTION MEASURES WILL BE REQUIRED WHERE PERMITTED, WHICH SHALL INCLUDE CONCRETE ENCASEMENT OF PIPING UNLESS OTHERWISE DIRECTED BY THE UTILITY PROVIDERS AND CIVIL ENGINEER.
83. RELOCATION OF UTILITY PROVIDER FACILITIES SHALL BE DONE IN ACCORDANCE WITH THE REQUIREMENTS OF THE UTILITY PROVIDER.
84. THE CONTRACTOR SHALL COMPACT THE PIPE BACKFILL IN 8" LIFTS ACCORDING TO THE PIPE BEDDING DETAILS.
85. CONTRACTOR TO PROVIDE STEEL SLEEVES AND ANNULAR SPACE SAND FILL FOR UTILITY PIPE AND CONDUIT CONNECTIONS UNDER FOOTINGS.
86. BUILDING UTILITY PENETRATIONS AND LOCATIONS ARE SHOWN FOR THE CONTRACTOR'S INFORMATION AND SHALL BE VERIFIED WITH THE BUILDING MEP, STRUCTURAL, AND ARCHITECTURAL DRAWINGS AND WITH THE OWNER'S CONSTRUCTION MANAGER.
87. ALL UTILITY CONSTRUCTION IS SUBJECT TO INSPECTION FOR APPROVAL PRIOR TO BACKFILLING, IN ACCORDANCE WITH THE APPROPRIATE UTILITY PROVIDER REQUIREMENTS.
88. A ONE-FOOT MINIMUM VERTICAL CLEARANCE BETWEEN WATER, GAS, ELECTRICAL, AND TELEPHONE LINES AND STORM PIPING SHALL BE PROVIDED.
89. GRAVITY SANITARY SEWER PIPING AND PRESSURIZED WATERLINES SHALL BE LOCATED IN SEPARATE TRENCHES AT LEAST 10 FEET APART WHENEVER POSSIBLE.
90. SITE CONTRACTOR SHALL PROVIDE ALL BONDS, FITTINGS, ADAPTERS, ETC., AS REQUIRED FOR PIPE CONNECTIONS TO BUILDING STUB OUTS, INCLUDING ROOF/FOOTING DRAIN CONNECTIONS TO ROOF LEADERS AND TO STORM DRAINAGE SYSTEM.
91. MANHOLE RIMS AND CATCH BASIN GRATES SHALL BE SET TO ELEVATIONS SHOWN.
92. SITE CONTRACTOR SHALL COORDINATE INSTALLATION OF CONDUIT AND CABLES FOR SITE LIGHTING WITH THE BUILDING ELECTRICAL CONTRACTOR.
93. CONTRACTOR SHALL COORDINATE INSTALLATION FOR ELECTRICAL SERVICES TO Pylon SIGNS AND SITE LIGHTING WITH THE BUILDING ELECTRICAL CONTRACTOR.
94. THE CONTRACTOR SHALL ARRANGE AND COORDINATE WITH UTILITY PROVIDERS FOR WORK TO BE PERFORMED BY UTILITY PROVIDERS.
95. ELECTRIC, AND TELECOMMUNICATIONS SERVICES SHALL BE INSTALLED UNDERGROUND FROM THE EXISTING UTILITY POLE(S) AS SHOWN ON SHEET SU-1.
96. ALL WATER LINES TO HAVE A MINIMUM COVER OF 5.0'.
97. ALL WATER MAINS, WATER SERVICES AND SANITARY SEWER LATERALS SHALL CONFORM TO THE APPLICABLE WATER UTILITY PROVIDER SPECIFICATIONS, AND TO THE APPLICABLE SANITARY SEWER PROVIDER SPECIFICATIONS, AS WELL AS TO OTHER APPLICABLE INDUSTRY CODES (AWWA) AND PROJECT SPECIFICATIONS FOR POTABLE WATER SYSTEMS, AND FOR SANITARY SEWER SYSTEMS.
98. THE CONTRACTOR SHALL MAINTAIN ALL FLOWS AND UTILITY CONNECTIONS TO EXISTING BUILDINGS WITHOUT INTERRUPTION UNLESS/UNTIL AUTHORIZED TO DISCONNECT BY THE OWNERS, THE CIVIL ENGINEER, UTILITY PROVIDERS AND GOVERNING AUTHORITIES.
99. THE CONTRACTOR MAY SUBSTITUTE MASONRY STRUCTURES FOR PRECAST STRUCTURES IF APPROVED BY THE CIVIL ENGINEER AND ALLOWED BY THE GOVERNING AUTHORITY ENGINEER OR OTHER GOVERNING AUTHORITY.
100. PIPING SHALL BE LAID FROM DOWNGRADIENT END OF PIPE RUN IN AN UPGRADE DIRECTION WITH BELL END FACING UPGRADE IN THE DIRECTION OF PIPE LAYING.
101. MANHOLE SECTIONS AND CONSTRUCTION SHALL CONFORM TO ASTM C-478.
102. HIGH DENSITY POLYETHYLENE (HDPE) STORM SEWER 12" OR GREATER IN DIAMETER SHALL BE HI-Q SURE-LOK 10.8 PIPE AS MANUFACTURED BY HANCOR INC. OR APPROVED EQUAL.
103. HIGH DENSITY POLYETHYLENE (HDPE) STORM SEWER LESS THAN 12" IN DIAMETER SHALL BE HI-Q PIPE AS MANUFACTURED BY HANCOR INC. OR APPROVED EQUAL.
104. DUCTILE IRON PIPE FOR STORM DRAINAGE PIPING SHALL CONFORM TO AWWA C151 FOR CLASS 52 WITH CEMENT LINING IN ACCORDANCE WITH ANSI A 21.4.
105. COPPER PIPE SHALL BE TYPE K TUBING WITH COMPRESSION FITTINGS.
106. GAS PIPE MATERIAL SHALL BE PER GAS COMPANY REQUIREMENTS.
107. POLYVINYL CHLORIDE PIPE (PVC) FOR SANITARY PIPING SHALL HAVE BUILT-IN RUBBER GASKET JOINTS.
11. THERE ARE NO KNOWN AREAS CONTAINING PRIME AGRICULTURAL SOILS AND FARMLAND SOILS OF STATEWIDE IMPORTANCE ON SITE.
12. THERE ARE NO KNOWN AREAS OF EXISTING, ACTIVE AGRICULTURAL USE ON SITE.
13. THERE ARE NO KNOWN EXISTING STREETS, DRIVEWAYS, FARM ROADS, WOODS ROADS, AND/OR TRAILS THAT HAVE BEEN IN PUBLIC USE (PEDESTRIAN, EQUESTRIAN, BICYCLE, ETC.) ON SITE.
14. THERE ARE NO EXISTING BUILDINGS OR SIGNIFICANT ABOVE-GROUND STRUCTURES ON THE DEVELOPMENT PARCEL.
15. THERE ARE NO KNOWN HISTORIC CEMETERIES OR OR IMMEDIATELY ADJACENT TO THE DEVELOPMENT PARCEL.
16. THERE ARE NO KNOWN UNIQUE HISTORIC FEATURES PRESENT ON THE SITE, INCLUDING BUT NOT LIMITED TO STONE WALLS.
17. THERE ARE NO KNOWN LOCATION OF ANY UNIQUE NATURAL FEATURES PRESENT ON THE SITE.
18. THE DEVELOPMENT PARCEL IS NOT LOCATED WITHIN THE FOLLOWING AREAS OF SPECIAL CONCERN:
A. NATURAL HERITAGE AREAS, AS DEFINED BY RIDEM;
B. THE AREA UNDER THE JURISDICTION OF THE NARROW RIVER SPECIAL AREA MANAGEMENT PLAN, AS DEFINED BY RI GRMC;
C. THE AREA UNDER THE JURISDICTION OF THE SALT PONDS REGION SPECIAL AREA MANAGEMENT PLAN, AS DEFINED BY RI GRMC;
D. THE TOWN OF SOUTH KINGSTOWN GROUNDWATER PROTECTION OVERLAY DISTRICT;
E. AN OWNS CRITICAL RESOURCE AREA, AS DEFINED BY RIDEM; AND
F. A DRINKING WATER SUPPLY WATERSHED, AS DEFINED BY RIDEM.
19. THE DEVELOPMENT PARCEL IS LOCATED ADJACENT TO A WETLAND THAT DISCHARGES TO SEGMENT 3 OF ROCKY BROOK WITHIN THE SAUGATUCKET RIVER WATERSHED AS DESCRIBED IN THE RESTORATION STUDY PREPARED BY RIDEM ENTITLED "FINAL PATHOGEN TMDL FOR SAUGATUCKET RIVER, MITCHELL BROOK, ROCKY BROOK AND INDIAN RUN BROOK" DATED MAY 16, 2003.
20. THE DEVELOPMENT PARCEL IS NOT LISTED ON THE NATIONAL REGISTER OF HISTORIC PLACES.
21. PUBLIC TREES THAT ARE REMOVED OR DAMAGED DURING CONSTRUCTION SHALL BE REPLACED WITH EQUIVALENT.

SOUTH KINGSTOWN DEVELOPMENT NOTES

- 1. THERE ARE NO KNOWN AREAS CONTAINING PRIME AGRICULTURAL SOILS AND FARMLAND SOILS OF STATEWIDE IMPORTANCE ON SITE.
2. THERE ARE NO KNOWN AREAS OF EXISTING, ACTIVE AGRICULTURAL USE ON SITE.
3. THERE ARE NO KNOWN EXISTING STREETS, DRIVEWAYS, FARM ROADS, WOODS ROADS, AND/OR TRAILS THAT HAVE BEEN IN PUBLIC USE (PEDESTRIAN, EQUESTRIAN, BICYCLE, ETC.) ON SITE.
4. THERE ARE NO EXISTING BUILDINGS OR SIGNIFICANT ABOVE-GROUND STRUCTURES ON THE DEVELOPMENT PARCEL.
5. THERE ARE NO KNOWN HISTORIC CEMETERIES OR OR IMMEDIATELY ADJACENT TO THE DEVELOPMENT PARCEL.
6. THERE ARE NO KNOWN UNIQUE HISTORIC FEATURES PRESENT ON THE SITE, INCLUDING BUT NOT LIMITED TO STONE WALLS.
7. THERE ARE NO KNOWN LOCATION OF ANY UNIQUE NATURAL FEATURES PRESENT ON THE SITE.
8. THE DEVELOPMENT PARCEL IS NOT LOCATED WITHIN THE FOLLOWING AREAS OF SPECIAL CONCERN:
A. NATURAL HERITAGE AREAS, AS DEFINED BY RIDEM;
B. THE AREA UNDER THE JURISDICTION OF THE NARROW RIVER SPECIAL AREA MANAGEMENT PLAN, AS DEFINED BY RI GRMC;
C. THE AREA UNDER THE JURISDICTION OF THE SALT PONDS REGION SPECIAL AREA MANAGEMENT PLAN, AS DEFINED BY RI GRMC;
D. THE TOWN OF SOUTH KINGSTOWN GROUNDWATER PROTECTION OVERLAY DISTRICT;
E. AN OWNS CRITICAL RESOURCE AREA, AS DEFINED BY RIDEM; AND
F. A DRINKING WATER SUPPLY WATERSHED, AS DEFINED BY RIDEM.
9. THE DEVELOPMENT PARCEL IS LOCATED ADJACENT TO A WETLAND THAT DISCHARGES TO SEGMENT 3 OF ROCKY BROOK WITHIN THE SAUGATUCKET RIVER WATERSHED AS DESCRIBED IN THE RESTORATION STUDY PREPARED BY RIDEM ENTITLED "FINAL PATHOGEN TMDL FOR SAUGATUCKET RIVER, MITCHELL BROOK, ROCKY BROOK AND INDIAN RUN BROOK" DATED MAY 16, 2003.
10. THE DEVELOPMENT PARCEL IS NOT LISTED ON THE NATIONAL REGISTER OF HISTORIC PLACES.
11. PUBLIC TREES THAT ARE REMOVED OR DAMAGED DURING CONSTRUCTION SHALL BE REPLACED WITH EQUIVALENT.

RIDOT NOTES

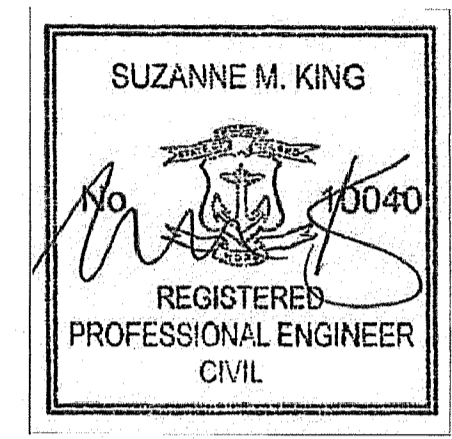
- 1. THE PHYSICAL ALTERATION PERMIT #19048-A APPROVED BY THE RHODE ISLAND DEPARTMENT OF TRANSPORTATION (RIDOT) IS ONLY VALID FOR THE WORK ALONG THE PROJECT FRONTAGE SHOWN ON THIS PLAN.
NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL AT CONSTRUCTION SITE

DEFINITIONS
MUNICIPALITY SHALL MEAN TOWN OF SOUTH KINGSTOWN
COUNTY SHALL MEAN WASHINGTON COUNTY
STATE SHALL MEAN STATE OF RHODE ISLAND
WATER UTILITY PROVIDER SHALL MEAN SUEZ WATER RHODE ISLAND (SMI)
SANITARY UTILITY PROVIDER SHALL MEAN SOUTH KINGSTOWN WASTEWATER DISTRICT
GAS UTILITY PROVIDER SHALL MEAN NATIONAL GRID - GAS
TELECOMMUNICATIONS UTILITY PROVIDER SHALL MEAN VERIZON RHODE ISLAND
ELECTRIC UTILITY PROVIDER SHALL MEAN NATIONAL GRID - ELECTRIC

ENGINEER'S CERTIFICATION STATEMENT

THESE PLANS HAVE BEEN PREPARED BY ME OR UNDER MY DIRECTION ACCORDANCE WITH STANDARD ENGINEERING PRACTICE.

SUZANNE M. KING RI PE NUMBER 10040



OWNER: South Shore Mental Health 765 Allens Ave, Suite 100 Providence, RI 02905

APPLICANT: Garrett Home, LLC 6 William Way Hartwinton, CT 06971

PROPOSED RETAIL 1860 KINGSTOWN ROAD SOUTH KINGSTOWN, RHODE ISLAND

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF PERMITTING AND REGULATORY SERVICES
PROJECT # 19-0108
AS SPECIFIED IN PERMIT # 19-0108
DATED SEP 24 2019
FILE # 19-0108
NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL AT CONSTRUCTION SITE
APPROVED PLANS MUST BE AT CONSTRUCTION SITE
Marilyn Freeman

Table with columns: No., Date, Description. Includes entries for TRC MEETING COMMENTS, TRC COMMENTS, RIDOT REVIEW COMMENTS, RIDOT REVIEW COMMENTS, RIDOT REVIEW COMMENTS, RIDOT REVIEW COMMENTS, RIDOT REVIEW COMMENTS, RIDOT REVIEW COMMENTS, RIDOT REVIEW COMMENTS, RIDOT REVIEW COMMENTS.

Designed A.J.T.
Drawn A.J.T.
Reviewed S.M.K.
Scale NONE
Project No. 186C704
Date 03/12/19
CAD File: GN186C70401

GENERAL NOTES

Sheet No.

FOR PERMITTING PURPOSES ONLY NOT RELEASED FOR CONSTRUCTION

GN-1

ZONING INFORMATION

LOCATION: SOUTH KINGSTOWN, WASHINGTON COUNTY				
ZONE: MU MIXED USE/KINGSTOWN ROAD SPECIAL MANAGEMENT DISTRICT				
USE: RETAIL (PERMITTED USE)				
ITEM #	ITEM	REQUIREMENTS	PROPOSED	VARIANCE
1	MINIMUM LOT AREA	10,000 S.F.	50,665 S.F. (1.16 AC.)	NO
2	MINIMUM LOT WIDTH	70 FEET	170 FEET	NO
3	MINIMUM LOT FRONTAGE	70 FEET	170 FEET	NO
4	MINIMUM FRONT SETBACK	25 FEET	25 FEET	NO
5	MINIMUM SIDE SETBACK	10 FEET (15 FEET RESIDENTIAL)	10 FEET	NO
6	MINIMUM REAR SETBACK	20 FEET (35 FEET RESIDENTIAL)	< 35 FEET	NO
7	MAXIMUM BUILDING HEIGHT	35 FEET	< 35 FEET	NO
8	MAXIMUM BUILDING COVERAGE	30 PERCENT	14.9 PERCENT	NO

PARKING INFORMATION

ITEM #	ITEM	REQUIREMENTS	PROPOSED	VARIANCE
1	BUILDING SIZE	NONE REQUIRED	7,545 S.F.	NO
2	GROSS LEASABLE FLOOR AREA	< 7,500 S.F.	7,020 S.F.	NO
3	PARKING REQUIRED	RETAIL: 1 SPACE PER EVERY 350 S.F. OF GROSS FLOOR AREA (7545 S.F.) TOTAL REQUIRED = 22	22 SPACES	NO
4	MINIMUM HANDICAPPED PARKING SPACES REQUIRED	2 SPACES	2 SPACES	NO
5	MINIMUM PARKING DIMENSIONS	9 FEET X 18 FEET	9 FEET X 20 FEET	NO
6	MINIMUM AISLE WIDTH	24 FEET - 2-WAY 12 FEET - 1-WAY	25 FEET	NO
7	MINIMUM FRONT SETBACK	25 FEET	25 FEET	NO
8	MINIMUM SIDE SETBACK	10 FEET, 50 FEET FROM RESIDENTIAL	11 FEET	NO
9	MINIMUM REAR SETBACK	35 FEET	97 FEET	NO

SIGN INFORMATION

ITEM #	ITEM	REQUIREMENT	PROPOSED
1	MAX. FREESTANDING SIGN AREA	12 S.F. PER SIDE	< 12 S.F. PER SIDE
2	MAXIMUM SIGN HEIGHT	8 FEET	< 8 FEET
3	MAX. WALL SIGN AREA	TWO ALLOWED; THE TOTAL WIDTH OF THE SIGNS MAY NOT EXCEED 60% OF THE TOTAL WIDTH OF THEIR RESPECTIVE WALLS 0.5 S.F. PER LINEAL FOOT OF WALL IT IS ON OR 30 S.F.	< 30 S.F.

RIDOT STANDARD DETAIL LEGEND

ITEM #	RIDOT STANDARD DETAIL NUMBER	DESCRIPTION	DETAIL LOCATION (SHEET #)
1	9.2.0	SILT FENCE	EC-2
2	9.9.0	CONSTRUCTION ACCESS	EC-2
3	7.5.0	BITUMINOUS CONCRETE LIP CURB	DN-6
4	43.1.0	CEMENT CONCRETE SIDEWALK	DN-6
5	43.3.0	WHEELCHAIR RAMP	DN-6
6	47.1.1	TRANSVERSE PAVEMENT CUT AND MATCH	DN-4
7	48.1.0	DETECTABLE WARNING PANEL PLACEMENT	DN-6

SIGN LEGEND

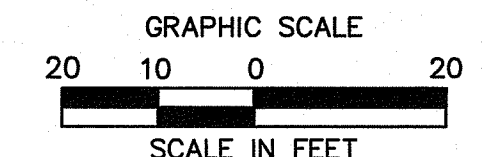
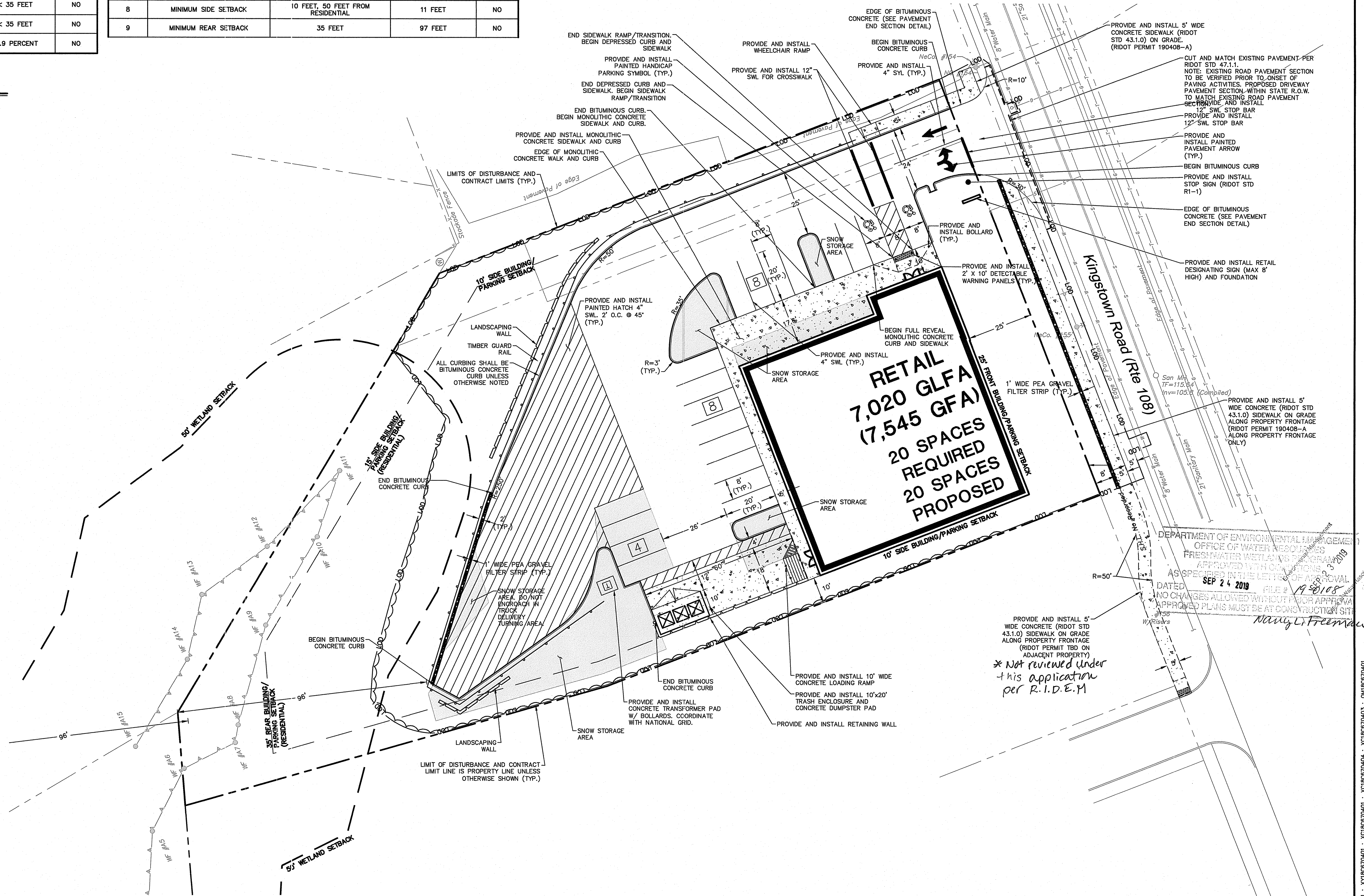
SIGN NO.	RI-DOT NO. OR MUTCD NO.	LEGEND
A	R1-1	STOP 30"
B	R7-8D	RESERVED PARKING
C	R7-8	VAN ACCESSIBLE

NOTE: HANDICAPPED SIGNS TO BE INSTALLED IN PIPE BOLLARDS (SEE DETAIL). ALL HANDICAP SIGNAGE TO CONFORM TO LATEST BUILDING CODE.

LEGEND

PROPERTY LINE	---
PROVIDE AND INSTALL HEAVY DUTY BITUMINOUS CONCRETE PAVEMENT STRUCTURE	[Pattern]
PROVIDE AND INSTALL STANDARD DUTY BITUMINOUS CONCRETE PAVEMENT STRUCTURE	[Pattern]
PROVIDE AND INSTALL CONCRETE PAVEMENT	[Pattern]
LIMITS OF DISTURBANCE/ CONTRACT LIMIT LINE	LOD
PROVIDE AND INSTALL CURB (SEE PLANS FOR MATERIAL)	---
PROVIDE AND INSTALL MODULAR BLOCK RETAINING WALL	[Pattern]
NUMBER OF PARKING STALLS	#

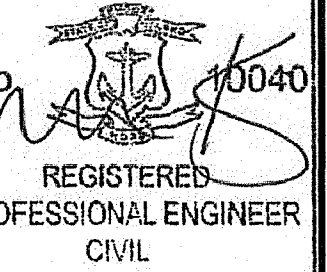
REFER TO SHEET GN-1 FOR SITEWORK GENERAL NOTES



ARCHITECTURE
ENGINEERING
ENVIRONMENTAL
LAND SURVEYING

100 River Ridge Drive, Suite 105
Norwood, MA 02062
(781) 619-9500

SUZANNE M. KING



OWNER:
South Shore Mental Health
765 Attens Ave, Suite 100
Providence, RI 02905

APPLICANT:
Garrett Home, LLC
6 William Way
Hartford, CT 06791

PROPOSED RETAIL
1860 KINGSTOWN ROAD
SOUTH KINGSTOWN, RHODE ISLAND

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WELFARE PROGRAM
APPROVED WITH CONDITIONS
AS SPECIFIED IN THE LETTER OF APPROVAL
DATED SEP 24 2019 FILE # 190108
NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL
APPROVED PLANS MUST BE AT CONSTRUCTION SITE

Nancy L. Freeman

REVISIONS	No.	Date	Description
	1	04/10/19	TRC MEETING COMMENTS
	2	04/26/19	SEWER REVISION PER 4/10/19 TRC COMMENTS
	3	05/05/19	SEWER REVISION PER 4/22/19 TRC COMMENTS
	4	05/16/19	REVISION PER 4/22/19 RIDOT REVIEW COMMENTS
	5	06/25/19	REVISION PER 6/14/19 RIDOT REVIEW COMMENTS
	6	06/25/19	REVISION PER 6/25/19 RIDOT REVIEW COMMENTS
	7	07/19/19	REVISION PER 7/02/19 RIDOT REVIEW COMMENTS
	8	07/19/19	REVISION PER 7/02/19 RIDOT REVIEW COMMENTS
	9	08/27/19	REVISION PER 8/27/19 RIDOT REVIEW COMMENTS
	10	09/20/19	REVISION PER 9/20/19 RIDOT REVIEW COMMENTS

Designed	R.L.G.
Drawn	R.L.G.
Reviewed	S.M.K.
Scale	1"=20'
Project No.	18C6704
Date	03/12/19
CAD File:	SP18C670401

Title
SITE PLAN

Sheet No.

SP-1

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GRADING AND DRAINAGE LEGEND

PROPERTY LINE	---
LIMIT OF DISTURBANCE LINE AND CONTRACT LIMIT LINE	---
PROPOSED CONTOUR LINE	---(2.28)---
PROPOSED SPOT GRADE	x 100.00
ABBREVIATIONS	
- TC=TOP OF CURB	x 100.00
- BC=BOTTOM OF CURB	x 99.50
- TW=TOP OF WALL	x 108.00
- BW=BOTTOM OF WALL	x 100.00
PROPOSED SURFACE SLOPE	2%



100 River Ridge Drive, Suite 105
Norwood, MA 02062
(781) 619-9500

SUZANNE M. KING

REGISTERED PROFESSIONAL ENGINEER CIVIL

OWNER:
South Shore Mental Health
765 Allens Ave, Suite 100
Providence, RI 02905

APPLICANT:
Garrett Home, LLC
6 William Way
Hartford, CT 06191

PROPOSED RETAIL
1860 KINGSTOWN ROAD
SOUTH KINGSTOWN, RHODE ISLAND

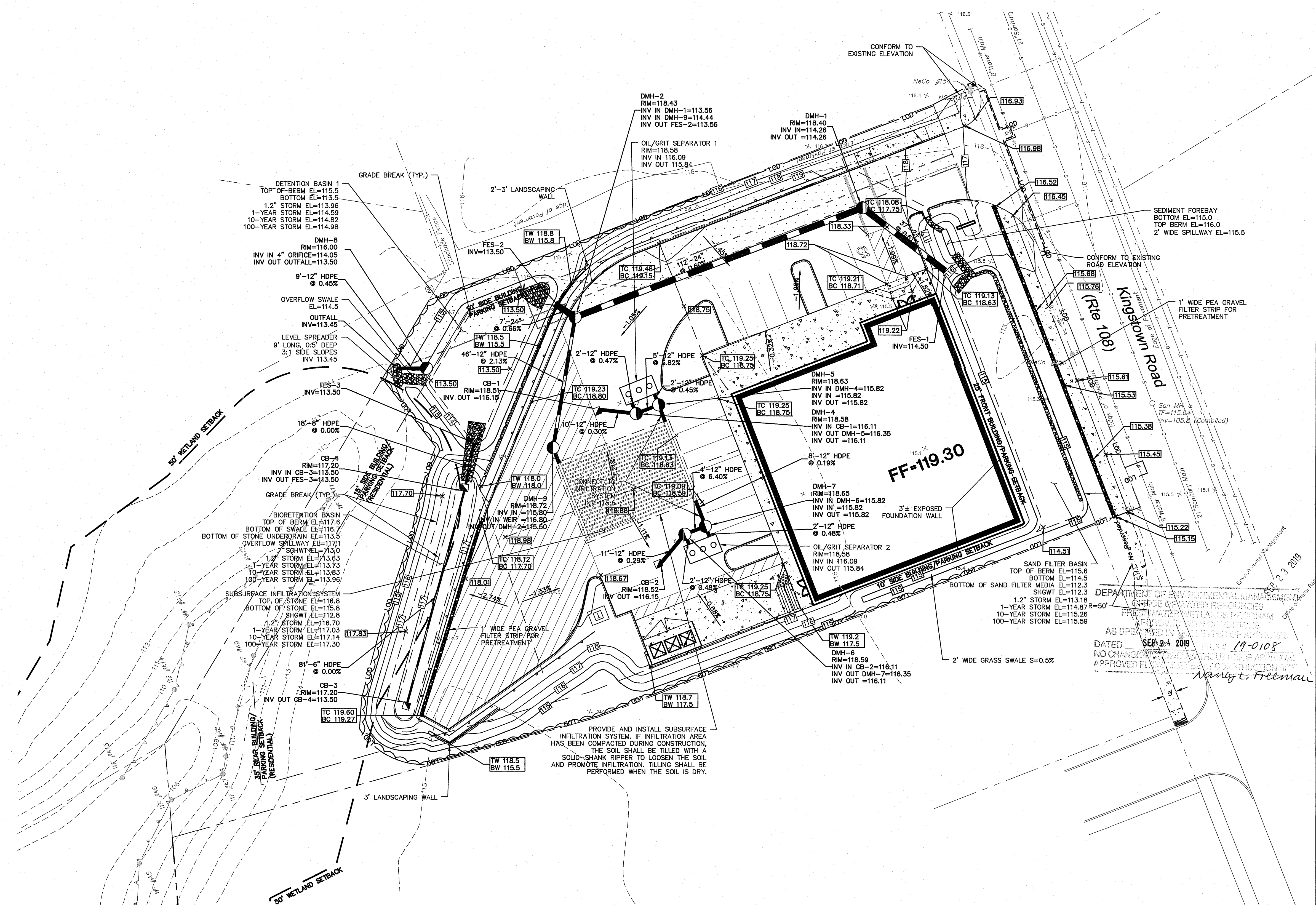
Revised	1	2	3	4	5	6	7	8	9	10
Date	04/26/19	05/06/19	05/16/19	06/14/19	06/25/19	07/19/19	08/27/19	09/20/19		
By	J.T.	S.M.K.	J.T.	S.M.K.	J.T.	S.M.K.	J.T.	S.M.K.		

Designed: A.J.T.
Drawn: A.J.T.
Reviewed: S.M.K.
Scale: 1"=20'
Project No.: 18C6704
Date: 03/12/19

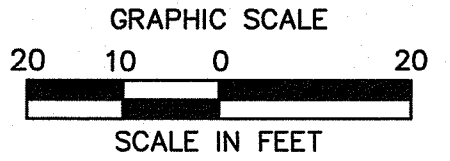
GRADING AND DRAINAGE PLAN

Sheet No.

GD-1



DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FIVE PRIVATE WETLANDS PROGRAM
APPROVED WITH CONDITIONS
AS SPECIFIED IN SECTION 19-0108
DATED SEP 24 2019 FILE # 19-0108
NO CHANGES TO THE SUBMITTAL
APPROVED FOR CONSTRUCTION SITE
Randy L. Freeman



REFER TO SHEET GN-1 FOR
SITEWORK GENERAL NOTES

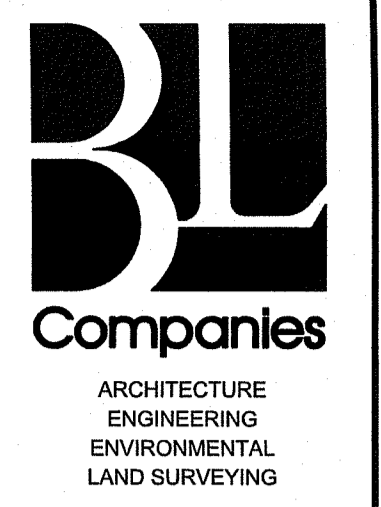
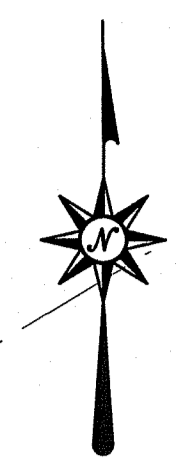
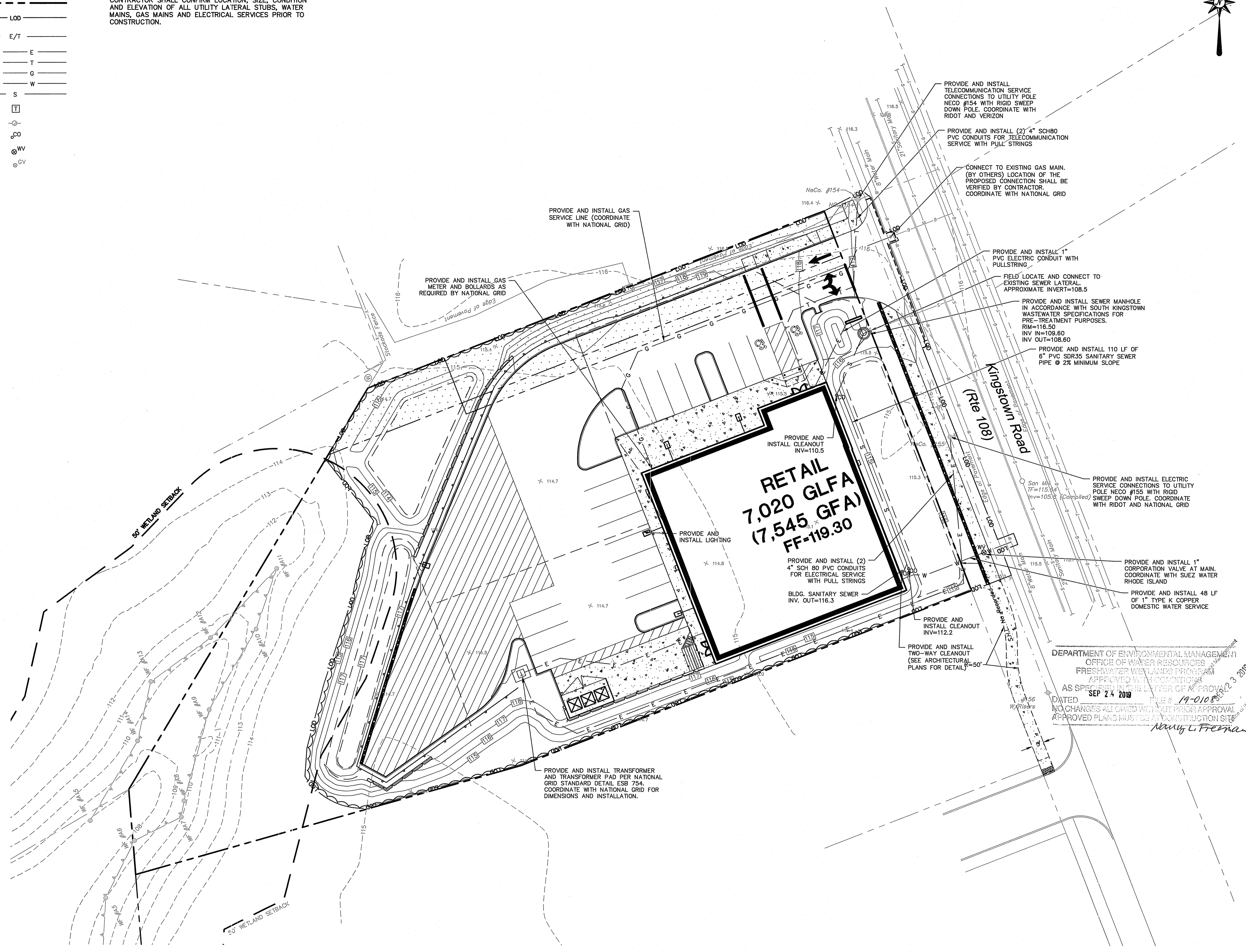
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SITE UTILITIES LEGEND

PROPERTY LINE	---
LIMIT OF DISTURBANCE LINE AND CONTRACT LIMIT LINE	---
ELECTRIC AND TELECOMMUNICATIONS LINES	E/T
ELECTRIC LINE	E
TELECOMMUNICATIONS LINE	T
GAS LINE	G
WATER LINE	W
SANITARY SEWER LINE	S
TRANSFORMER	⊞
UTILITY POLE	⊙
SANITARY CLEANOUT	⊙
WATER VALVE	⊙
GATE VALVE	⊙

NOTES

CONTRACTOR SHALL CONFIRM LOCATION, SIZE, CONDITION AND ELEVATION OF ALL UTILITY LATERAL STUBS, WATER MAINS, GAS MAINS AND ELECTRICAL SERVICES PRIOR TO CONSTRUCTION.



100 River Ridge Drive, Suite 105
Norwood, MA 02062
(781) 619-9500

SUZANNE M. KING
No. 10040
REGISTERED PROFESSIONAL ENGINEER CIVIL

OWNER:
South Shore Mental Health
765 Allens Ave, Suite 100
Providence, RI 02905

APPLICANT:
Garrett Home, LLC
6 William Way
Hartwinton, CT 06791

PROPOSED RETAIL
1860 KINGSTOWN ROAD
SOUTH KINGSTOWN, RHODE ISLAND

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
APPROVED WITH CONDITIONS
AS SPECIFIED IN THE LETTER OF APPROVAL
DATED SEP 24 2019 FILE # 19-010
NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL
APPROVED PLANS MUST BE AT CONSTRUCTION SITE
Amy L. Frezza

REVISIONS:

No.	Date	Description
1	04/26/19	TRC MEETING COMMENTS
2	05/09/19	SEWER REVISION PER 4/10/19 TRC COMMENTS
3	05/09/19	SEWER REVISION PER 4/10/19 TRC COMMENTS
4	06/14/19	TRC MEETING COMMENTS
5	06/25/19	REVISION PER 6/14/19 RIGID REVIEW COMMENTS
6	06/28/19	REVISION PER 6/25/19 PLANNING COMMENTS
7	07/19/19	REVISION PER 7/02/19 RIGID REVIEW COMMENTS
8	08/07/19	REVISION PER 8/02/19 PLANNING COMMENTS
9	08/27/19	REVISION PER 8/27/19 PLANNING COMMENTS
10	09/20/19	REVISION PER 9/20/19 RIGID REVIEW COMMENTS

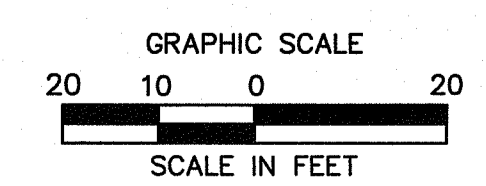
Designed	S.M.K.
Drawn	C.M.N.
Reviewed	
Scale	1"=20'
Project No.	18C6704
Date	03/12/19
CAD File:	SU18C670401

SITE UTILITIES PLAN

Sheet No.

SU-1

REFER TO SHEET GN-1 FOR SITEWORK GENERAL NOTES



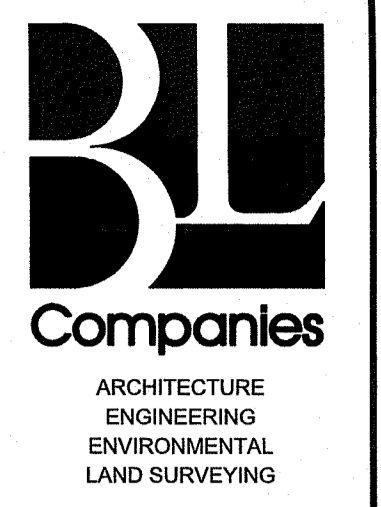
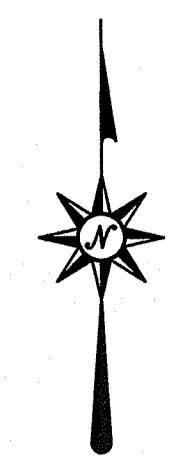
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EROSION CONTROL LEGEND:

CONTROL MEASURE	ILLUSTRATION
SOIL TYPE BOUNDARY	
SILT FENCE	
CONSTRUCTION ENTRANCE	
LIMIT OF CLEARING	
LIMIT OF DISTURBANCE LINE AND CONTRACT LIMIT LINE	
STOCKPILE AREA WITH DOUBLE ROW OF SILT FENCE (ACTUAL LOCATION MAY VARY TO ACCOMMODATE CONSTRUCTION ACTIVITIES)	
CONCRETE WASHOUT AREA (ACTUAL LOCATION MAY VARY TO ACCOMMODATE CONSTRUCTION ACTIVITIES)	
CONSTRUCTION FENCE	

SOIL TYPE

UD	UDORTHENTS
Rf	RIDGEBURY, LEICESTER, AND WHITMAN



100 River Ridge Drive, Suite 105
Norwood, MA 02062
(781) 619-9500

SUZANNE M. KING

REGISTERED PROFESSIONAL ENGINEER CIVIL
No. 10040

OWNER:
South Shore Mental Health
765 Allens Ave, Suite 100
Providence, RI 02905

APPLICANT:
Garrett Home, LLC
6 William Way
Hartford, CT 06101

PROPOSED RETAIL
1860 KINGSTOWN ROAD
SOUTH KINGSTOWN, RHODE ISLAND

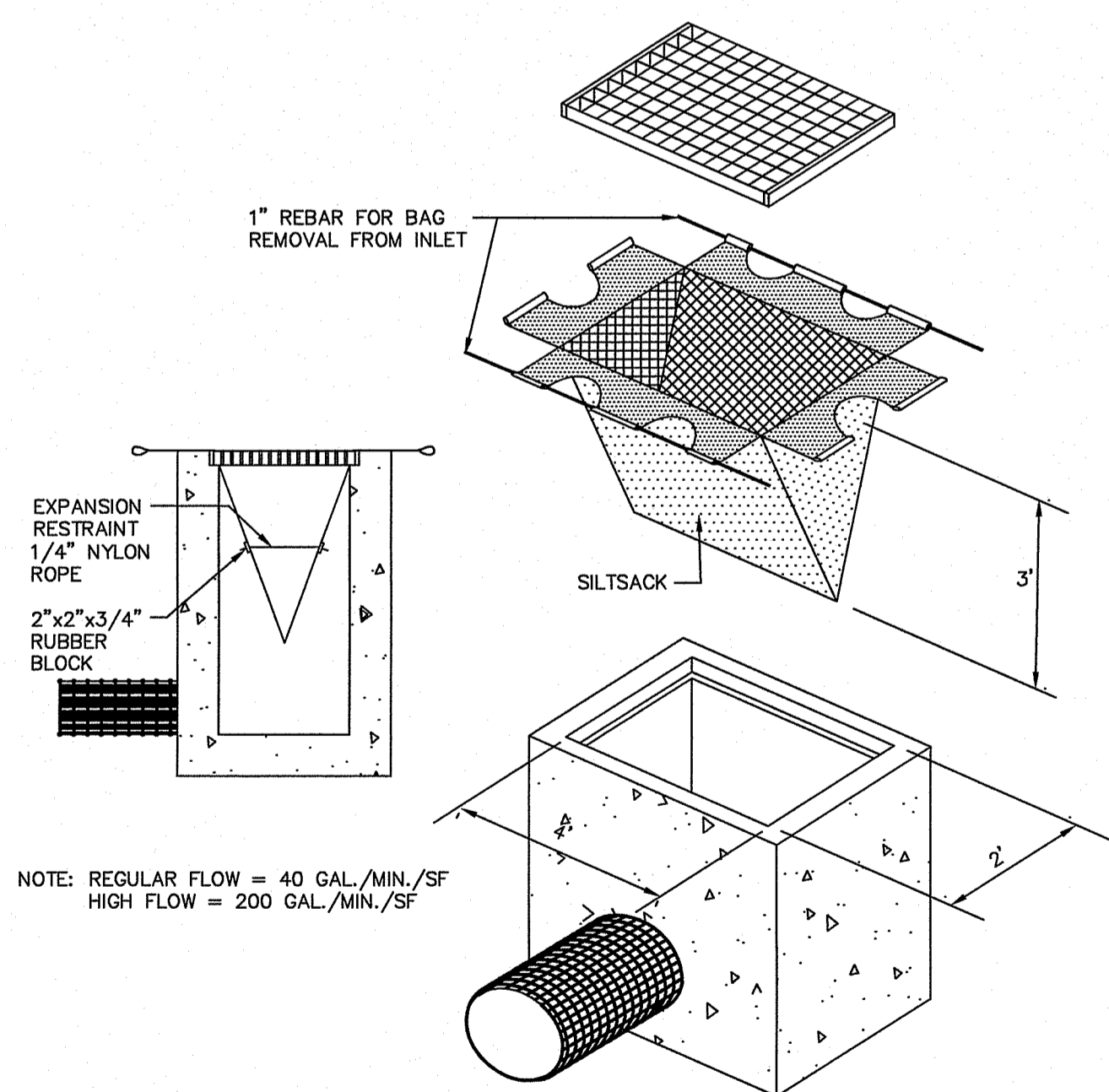
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	1	04/10/19	TRC MEETING COMMENTS
	2	04/26/19	SEWER REVISION PER 4/10/19 TRC COMMENTS
	3	05/08/19	SEWER REVISION PER 4/10/19 TRC COMMENTS
	4	05/16/19	REVISION PER 4/22/19 RIDOT REVIEW COMMENTS
	5	06/19/19	REVISION PER 6/14/19 RIDOT REVIEW COMMENTS
	6	06/25/19	REVISION PER 6/25/19 RIDOT REVIEW COMMENTS
	7	07/19/19	REVISION PER 7/02/19 RIDOT REVIEW COMMENTS
	8	07/19/19	REVISION PER 7/02/19 RIDOT REVIEW COMMENTS
	9	08/27/19	REVISION PER 8/27/19 RIDOT REVIEW COMMENTS
	10	09/20/19	REVISION PER 9/20/19 RIDOT REVIEW COMMENTS

Designed	S.M.K.
Drawn	C.M.N.
Reviewed	S.M.K.
Scale	1"=20'
Project No.	1806704
Date	03/12/19
CAD File:	EC180670401

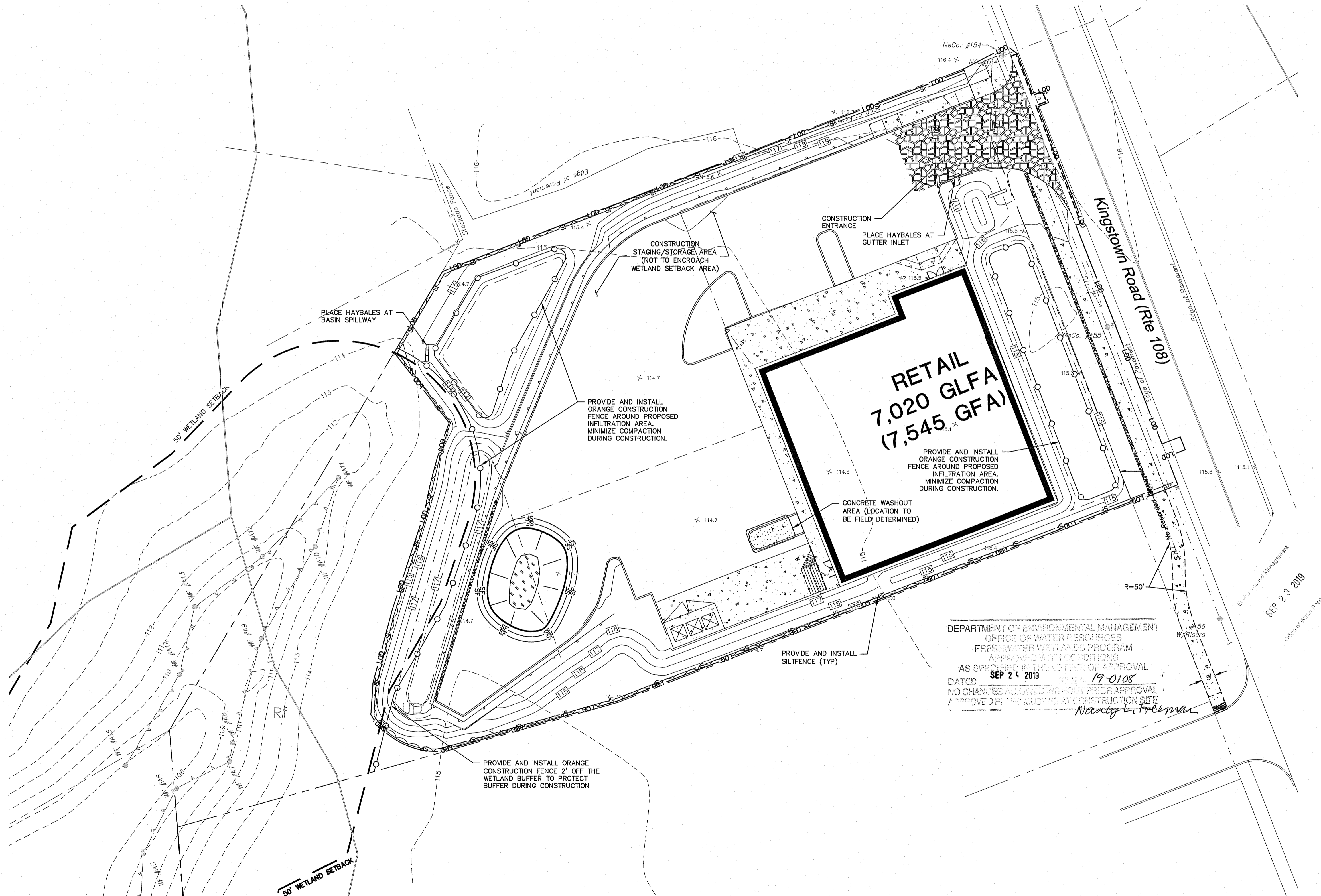
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SEDIMENT AND EROSION CONTROL PLAN

Sheet No.

EC-1



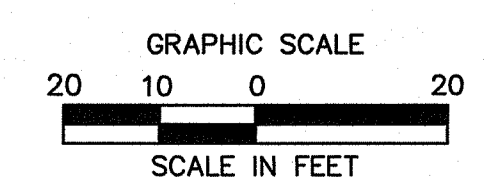
SILTSACK DETAIL
N.T.S. BLEC-005



DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
APPROVED WITH CONDITIONS
AS SPECIFIED IN THE LETTER OF APPROVAL
DATED SEP 24 2019 FILE # 19-0108
NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL
APPROVE: J.P. THIS MUST BE AT CONSTRUCTION SITE
Nancy E. Trellman

REFER TO SHEET GN-1 FOR
SITWORK GENERAL NOTES

REFER TO SHEET EC-2 FOR SEDIMENT AND
EROSION CONTROL NOTES AND DETAILS



SEDIMENT AND EROSION CONTROL NOTES

SEDIMENT AND EROSION CONTROL NOTES

SEDIMENT & EROSION CONTROL NARRATIVE
 THE SEDIMENT AND EROSION CONTROL PLAN WAS DEVELOPED TO PROTECT THE EXISTING ROADWAY AND STORM DRAINAGE SYSTEMS, ADJACENT PROPERTIES, AND ANY ADJACENT WETLAND AREA AND ANY ADJACENT WATER COURSE FROM SEDIMENT LADEN SURFACE RUNOFF AND EROSION. A CONSTRUCTION SEQUENCE IS PROVIDED TO PROVIDE SURFACE RUNOFF EROSION CONTROLS PRIOR TO THE BEGINNING OF PROJECT DEMOLITION AND/OR CONSTRUCTION.

CONSTRUCTION SCHEDULE
 THE ANTICIPATED STARTING DATE FOR CONSTRUCTION IS SPRING 2019 WITH COMPLETION ANTICIPATED FALL 2019. APPROPRIATE SEDIMENT AND EROSION CONTROL MEASURES AS DESCRIBED HEREIN SHALL BE INSTALLED BY THE CONTRACTOR PRIOR TO THE COMMENCEMENT OF ALL DEMOLITION OR CONSTRUCTION ACTIVITY. SCHEDULE WORK TO MINIMIZE THE LENGTH OF TIME THAT BARE SOIL WILL BE EXPOSED.

CONTINGENCY EROSION PLAN
 THE CONTRACTOR SHALL INSTALL ALL SPECIFIED SEDIMENT AND EROSION CONTROL MEASURES AND WILL BE REQUIRED TO MAINTAIN THEM IN THEIR INTENDED FUNCTIONING CONDITION. THE TOWN OF SOUTH KINGSTOWN AND/OR CIVIL ENGINEER SHALL HAVE THE AUTHORITY TO REQUIRE SUPPLEMENTAL MAINTENANCE OR ADDITIONAL MEASURES IF FIELD CONDITIONS ARE ENCOUNTERED BEYOND WHAT WOULD NORMALLY BE ANTICIPATED.

CONSTRUCTION SEQUENCE
 THE FOLLOWING CONSTRUCTION SEQUENCE IS RECOMMENDED:

- CONTACT TOWN OF SOUTH KINGSTOWN AT LEAST FORTY-EIGHT (48) HOURS PRIOR TO COMMENCEMENT OF ANY DEMOLITION, CONSTRUCTION OR REGULATED ACTIVITY ON THIS PROJECT.
- CLEARING LIMITS SHALL BE PHYSICALLY MARKED IN THE FIELD AND APPROVED BY THE TOWN OF SOUTH KINGSTOWN PRIOR TO THE START OF WORK ON THE SITE. INSTALL PERIMETER SILT FENCE, INSTALL ORANGE CONSTRUCTION FENCE 2' OFF THE WETLAND BUFFER TO PROTECT THE BUFFER DURING CONSTRUCTION.
- CONSTRUCT CONSTRUCTION ENTRANCE AT CONSTRUCTION ENTRANCE/EXIT.
- CLEAR AND GRUB SITE. STOCKPILE CHIPS, STOCKPILE TOPSOIL. INSTALL SEDIMENT AND EROSION CONTROLS AT STOCKPILES.
- REMOVE EXISTING PAVEMENT WHERE SHOWN ON PLAN.
- COMMENCE EARTHWORK. TOPSOIL AND SEED SLOPES WHICH HAVE ACHIEVED FINAL SITE GRADING.
- CONSTRUCTION STAKING OF ALL BUILDING CORNERS, UTILITIES, ACCESS DRIVES, AND PARKING AREAS.
- ROUGH GRADING AND FILLING OF SUBGRADES AND SLOPES.
- IMMEDIATELY UPON DISCOVERING UNFORESEEN CIRCUMSTANCES POSING THE POTENTIAL FOR ACCELERATED EROSION AND/OR SEDIMENT POLLUTION, THE OPERATOR SHALL IMPLEMENT APPROPRIATE BEST MANAGEMENT PRACTICES TO ELIMINATE THE POTENTIAL FOR ACCELERATED EROSION AND/OR SEDIMENT POLLUTION.
- BEFORE DISPOSING OF SOIL OR RECEIVING BORROW FOR THE SITE, THE CONTRACTOR MUST PROVIDE EVIDENCE THAT EACH SPILL OR BORROW AREA HAS A SEDIMENT AND EROSION CONTROL PLAN APPROVED BY THE TOWN OF SOUTH KINGSTOWN AND WHICH IS BEING IMPLEMENTED AND MAINTAINED. THE CONTRACTOR SHALL ALSO NOTIFY THE TOWN OF SOUTH KINGSTOWN IN WRITING OF ALL RECEIVING SOIL AND BORROW AREAS WHEN THEY HAVE BEEN IDENTIFIED.
- CONTINUE INSTALLATION OF STORM DRAINAGE AS SUBGRADE ELEVATIONS ARE ACHIEVED.
- BUILDING FOUNDATION SUBGRADE, RETAINING WALL SUBGRADE AND PAD SUBGRADE PREPARATION.
- BUILDING FOUNDATION CONSTRUCTION. RETAINING WALL CONSTRUCTION. BEGIN BUILDING SUPERSTRUCTURE
- THROUGHOUT CONSTRUCTION SEQUENCE, REMOVE SEDIMENT FROM BEHIND SILT FENCES. REMOVAL SHALL BE ON A PERIODIC BASIS (EVERY SIGNIFICANT RAINFALL OF 0.25 INCH OR GREATER). INSPECTION OF SEDIMENT AND EROSION CONTROL MEASURES SHALL BE ON A WEEKLY BASIS AND AFTER EACH RAINFALL OF 0.25 INCHES OR GREATER. SEDIMENT COLLECTED SHALL BE DEPOSITED AND SPREAD EVENLY UPLAND ON SLOPES DURING CONSTRUCTION.
- INSTALL SANITARY LATERAL AND UTILITIES. COMPLETE STORM DRAINAGE SYSTEM.
- INSTALL SITE LIGHTING AND TRASH ENCLOSURE.
- COMPLETE GRADING TO SUBGRADES AND CONSTRUCT PARKING AREA SUBGRADE.
- CONSTRUCT CURBS, PAVEMENT STRUCTURE AND SIDEWALKS.
- CONDUCT FINE GRADING.
- PAVING OF PARKING AREAS AND DRIVEWAYS
- FINAL FINE GRADING OF SLOPE AND NON-PAVED AREAS.
- PLACE 4" TOPSOIL ON SLOPES AFTER FINAL GRADING IS COMPLETED. FERTILIZE SEED AND MULCH. SEED MIXTURE TO BE INSTALLED AUGUST 15-OCTOBER 1. USE EROSION CONTROL BLANKETS AS REQUIRED OR ORDERED FOR SLOPES GREATER THAN 3:1. FOR TEMPORARY STABILIZATION BEYOND SEEDING DATES USE ANNUAL RYE AT 4.0 LBS/1,000 S.F. FERTILIZE WITH 10-10-10 AT 1.0 LBS. OF NITROGEN PER 1,000 S.F. AND LIME AT 100 LBS/1,000 S.F. (MAX.).
- LANDSCAPE PERIMETER AREAS.
- INSTALL SIGNING AND PAVEMENT MARKINGS.
- CLEAN STORM DRAINAGE DETENTION SYSTEMS AND WATER QUALITY DEVICES OF DEBRIS AND SEDIMENT.
- UPON COMPLETION OF THE TOWN OF SOUTH KINGSTOWN, SEDIMENT AND EROSION CONTROL MEASURES SHALL BE REMOVED FOLLOWING STABILIZATION OF THE SITE.

OPERATION REQUIREMENTS

- CLEARING AND GRUBBING OPERATIONS**
- ALL SEDIMENT AND EROSION CONTROL MEASURES, INCLUDING THE CONSTRUCTION ENTRANCE, WILL BE INSTALLED PRIOR TO THE START OF CLEARING AND GRUBBING AND DEMOLITION OPERATIONS.
 - FOLLOWING INSTALLATION OF SEDIMENT AND EROSION CONTROL MEASURES, THE CONTRACTOR SHALL NOT PROCEED WITH GRADING, FILLING OR OTHER CONSTRUCTION OPERATIONS UNTIL THE ENGINEER HAS INSPECTED AND APPROVED INSTALLATIONS.
 - THE CONTRACTOR SHALL TAKE EXTREME CARE DURING CLEARING AND GRUBBING OPERATIONS SO AS NOT TO DISTURB UNPROTECTED WETLAND AREAS OR SEDIMENT AND EROSION CONTROL DEVICES.
 - FOLLOWING THE COMPLETION OF CLEARING AND GRUBBING OPERATIONS, ALL AREAS SHALL BE STABILIZED WITH TOPSOIL AND SEEDING OR CRUSHED STONE AS SOON AS PRACTICAL.

ROUGH GRADING OPERATIONS

- DURING THE REMOVAL AND/OR PLACEMENT OF EARTH AS INDICATED ON THE GRADING PLAN, TOPSOIL SHALL BE STRIPPED AND APPROPRIATELY STOCKPILED FOR REUSE.
- ALL STOCKPILED TOPSOIL SHALL BE SEEDED, MULCHED WITH HAY, AND ENCLOSED BY A SILTATION FENCE.

FILLING OPERATIONS

- PRIOR TO FILLING, ALL SEDIMENT AND EROSION CONTROL DEVICES SHALL BE PROPERLY IMPLEMENTED, MAINTAINED AND FULLY INSTALLED, AS DIRECTED BY THE ENGINEER AND AS SHOWN ON THIS PLAN.
- ALL FILL MATERIAL ADJACENT TO ANY WETLAND AREAS, IF APPLICABLE TO THIS PROJECT, SHALL BE GOOD QUALITY, WITH LESS THAN 5% FINE PASSING THROUGH A #200 SIEVE (BANK RUN), SHALL BE PLACED IN LIFT THICKNESSES NOT GREATER THAN THAT SPECIFIED IN PROJECT SPECIFICATIONS AND/OR THE PROJECT GEOTECHNICAL REPORT. LIFTS SHALL BE COMPACTED TO 95% MAX. DRY DENSITY MODIFIED PROCTOR OR AS SPECIFIED IN THE CONTRACT SPECIFICATIONS OR IN THE GEOTECHNICAL REPORT.
- AS GENERAL GRADING OPERATIONS PROGRESS, ANY TEMPORARY DIVERSION DITCHES SHALL BE RAISED OR LOWERED, AS NECESSARY, TO DIVERT SURFACE RUNOFF TO THE SEDIMENT BASINS OR SEDIMENT TRAPS.

PLACEMENT OF DRAINAGE STRUCTURES, UTILITIES, AND BUILDING CONSTRUCTION OPERATIONS.

- SILT FENCES SHALL BE INSTALLED AT THE DOWNHILL SIDES OF BUILDING EXCAVATIONS, MUD PUMP DISCHARGES, AND UTILITY TRENCH MATERIAL STOCKPILES. HAY BALES/STRAW BALES MAY BE USED IF SHOWN ON THE SEDIMENT AND EROSION CONTROL PLANS OR IF DIRECTED BY THE CIVIL ENGINEER.

FINAL GRADING AND PAVING OPERATIONS

- ALL INLET AND OUTLET PROTECTION SHALL BE PLACED AND MAINTAINED AS SHOWN ON SEDIMENT AND EROSION PLAN AND DETAILS AND AS DESCRIBED IN SPECIFICATIONS AND AS DESCRIBED HEREIN.
- NO CUT OR FILL SLOPES SHALL EXCEED 2:1 EXCEPT WHERE STABILIZED BY ROCK FACED EMBANKMENTS OR EROSION CONTROL BLANKETS, OR JUTE MESH AND VEGETATION. ALL SLOPES SHALL BE SEEDED, AND ANY ROAD OR DRIVEWAY SHOULDER AND BANKS SHALL BE STABILIZED IMMEDIATELY UPON COMPLETION OF FINAL GRADING UNTIL TURF IS ESTABLISHED.
- PAVEMENT SUB-BASE AND BASE COURSES SHALL BE INSTALLED OVER AREAS TO BE PAVED AS SOON AS FINAL SUB-GRADES ARE ESTABLISHED AND UNDERGROUND UTILITIES AND STORM DRAINAGE SYSTEMS HAVE BEEN INSTALLED.
- AFTER CONSTRUCTION OF PAVEMENT, TOPSOIL, FINAL SEED, MULCH AND LANDSCAPING, REMOVE ALL TEMPORARY SEDIMENT AND EROSION CONTROL DEVICES ONLY AFTER ALL AREAS HAVE BEEN PAVED AND/OR GRASS HAS BEEN WELL ESTABLISHED AND THE SITE IS STABLE AND HAS BEEN INSPECTED AND APPROVED BY THE TOWN OF SOUTH KINGSTOWN.

INSTALLATION OF SEDIMENTATION AND EROSION CONTROL MEASURES

- SILTATION FENCE
 - DIG A SIX INCH TRENCH ON THE UPHILL SIDE OF THE DESIGNATED FENCE LINE LOCATION.
 - POSITION THE POST AT THE BACK OF THE TRENCH (DOWNHILL SIDE), AND HAMMER THE POST AT LEAST 1.5 FEET INTO THE GROUND.
 - LAY THE BOTTOM SIX INCHES OF THE FABRIC INTO THE TRENCH TO PREVENT UNDERMINING BY STORM WATER RUN-OFF.
 - BACKFILL THE TRENCH AND COMPACT.

OPERATION AND MAINTENANCE OF SEDIMENT AND EROSION CONTROL MEASURES

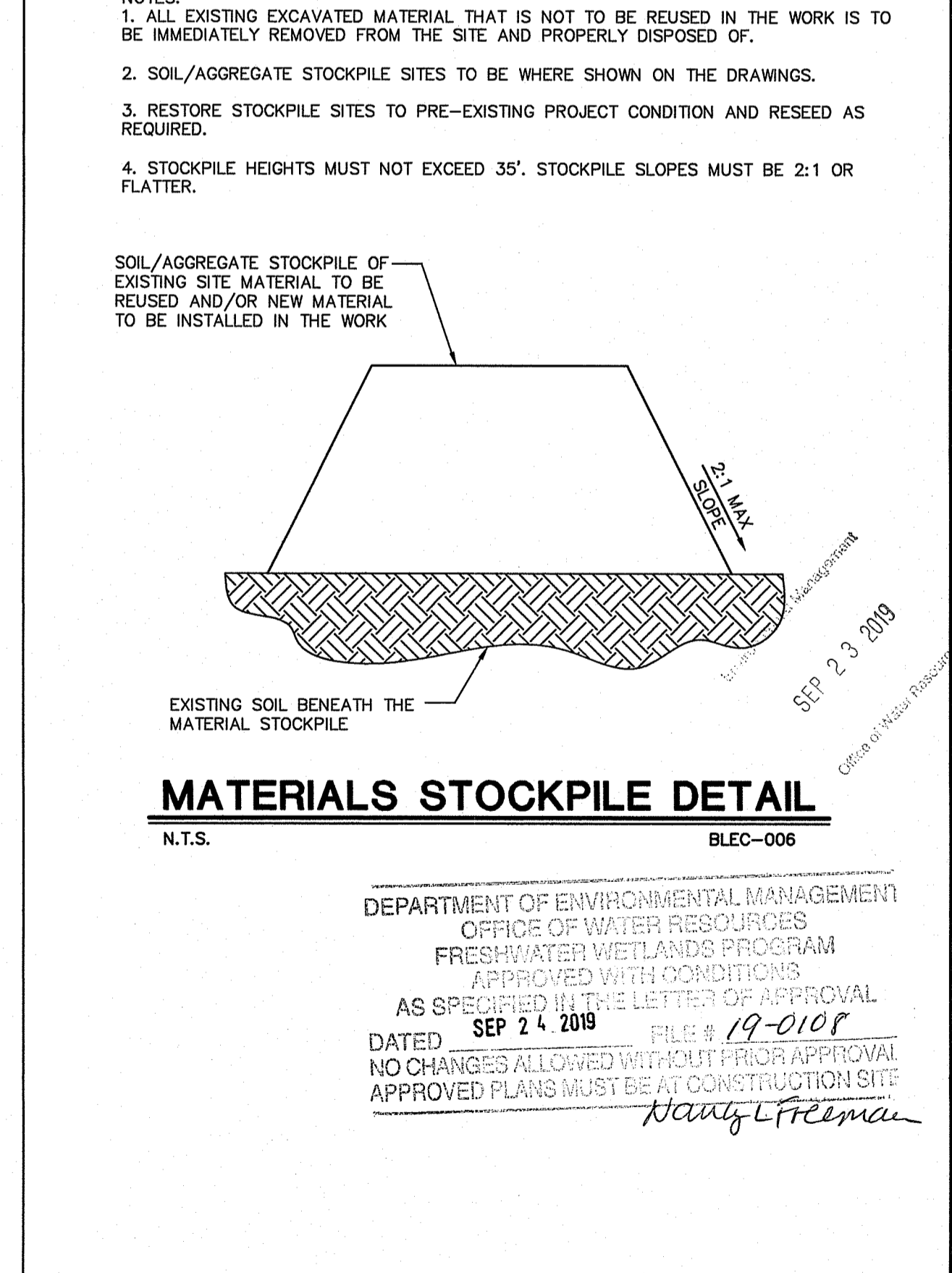
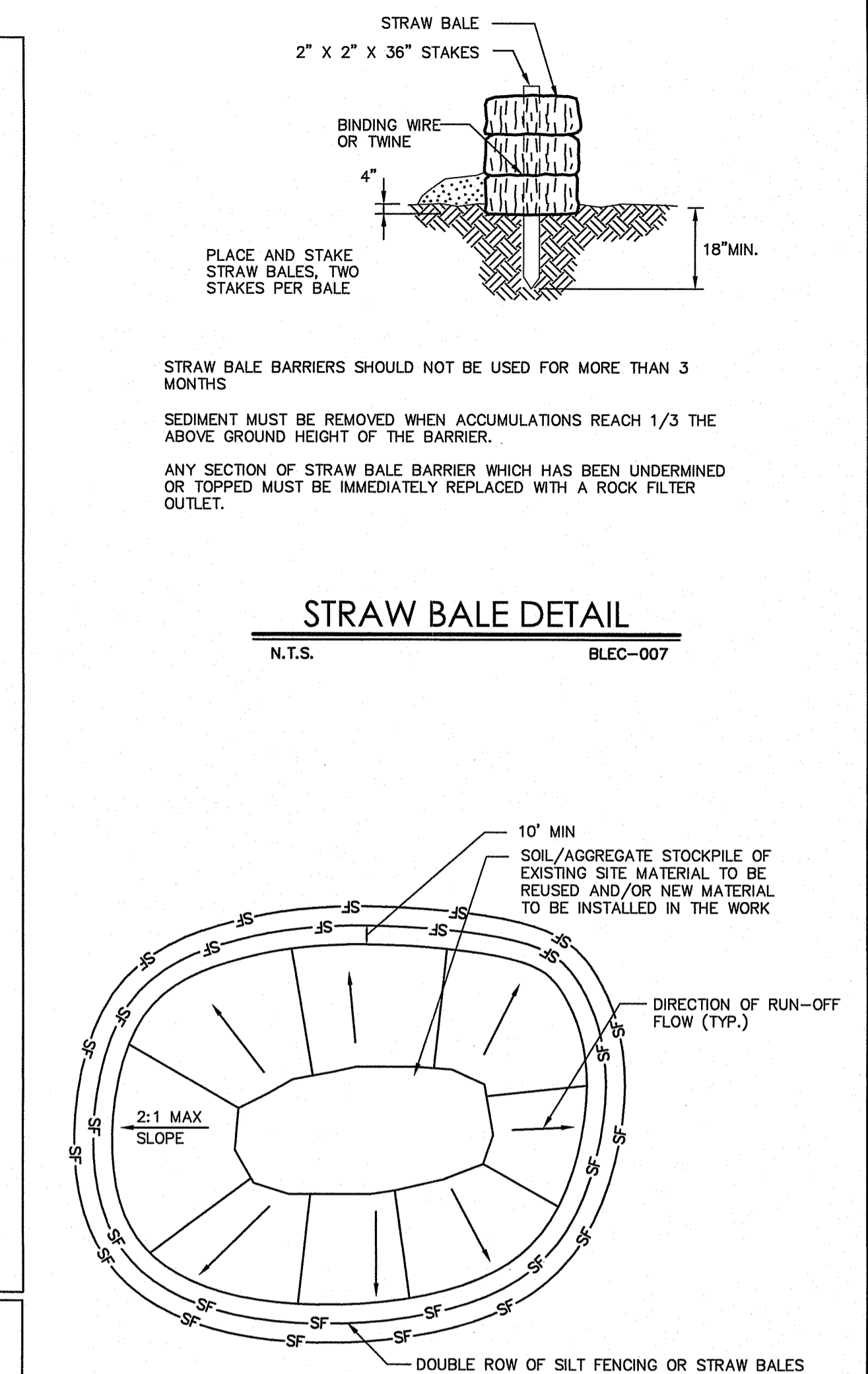
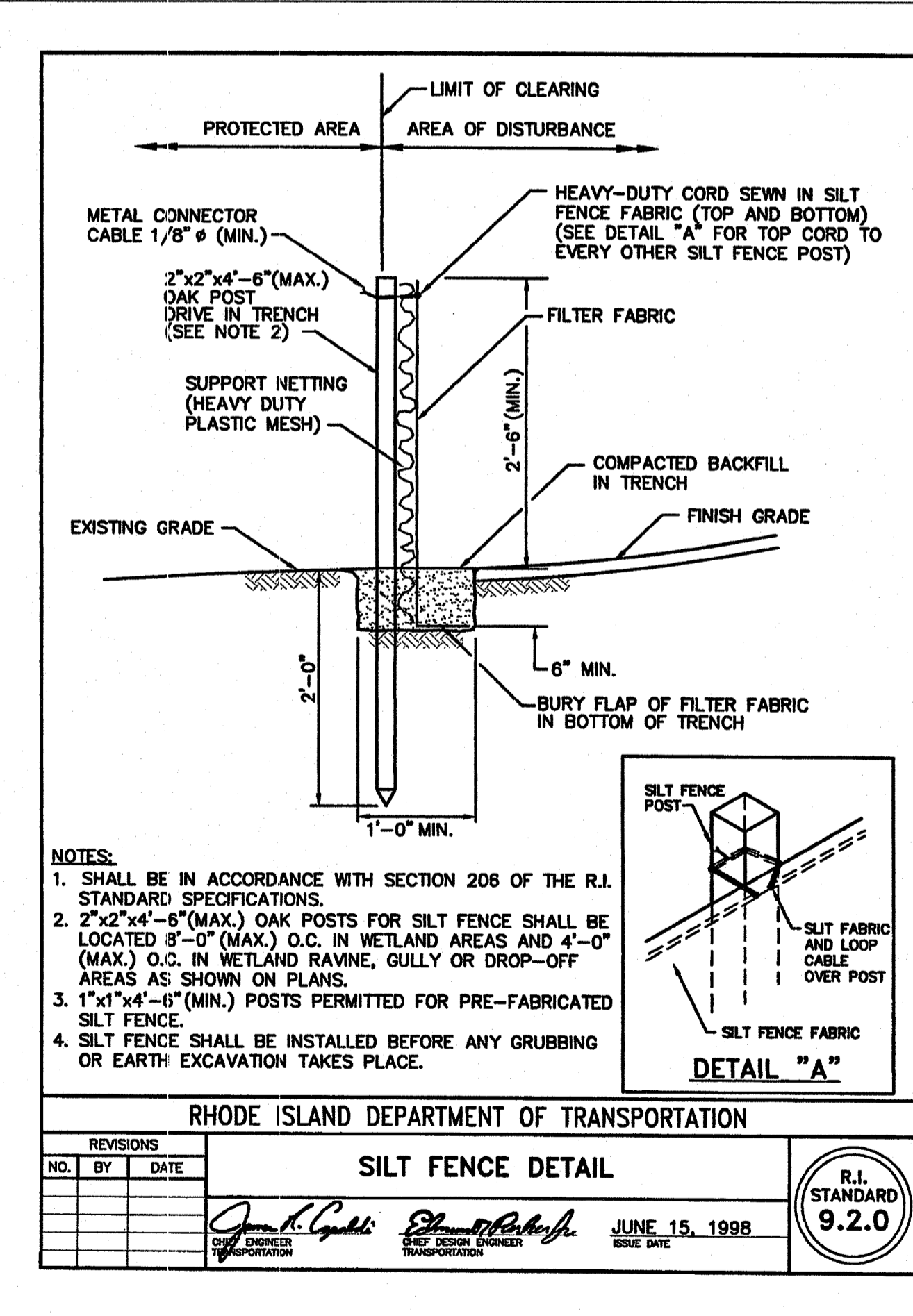
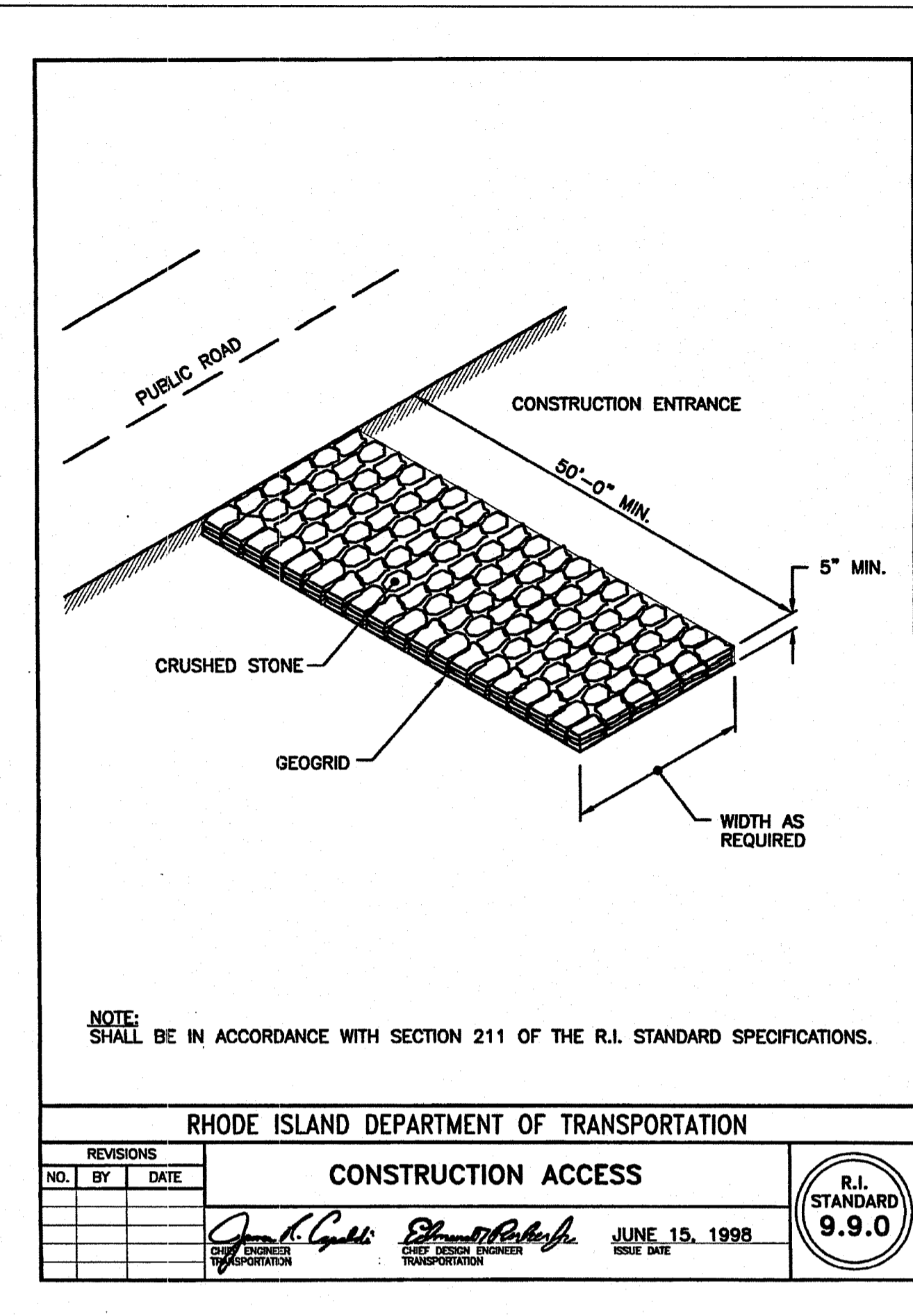
- SILTATION FENCE
 - SILTATION FENCES SHALL BE INSPECTED AS A MINIMUM WEEKLY OR AFTER EACH RAINFALL. ALL DETERIORATED FABRIC AND DAMAGED POSTS SHALL BE REPLACED AND PROPERLY REPOSITIONED IN ACCORDANCE WITH THIS PLAN.
 - SEDIMENT DEPOSITS SHALL BE REMOVED FROM BEHIND THE FENCE WHEN THEY EXCEED A HEIGHT OF ONE FOOT.

SEDIMENT AND EROSION CONTROL PLAN

- HAY BALE/STRAW BALE FILTERS WILL BE INSTALLED AT ALL CULVERT OUTLETS IF ALL CULVERT OUTLETS ARE APPLICABLE TO THIS PROJECT AND SILTATION FENCE INSTALLED ALONG THE TOE OF ALL CRITICAL CUT AND FILL SLOPES.
- CULVERT DISCHARGE AREAS WILL BE PROTECTED WITH RIP RAP CHANNELS. ENERGY DISSIPATORS WILL BE INSTALLED AS SHOWN ON THESE PLANS AS NECESSARY.
- CATCH BASINS WILL BE PROTECTED WITH HAY BALE/STRAW BALE FILTERS, SILT SACKS, SILTATION FENCE, OR OTHER INLET PROTECTION DEVICES PER DETAILS THROUGHOUT THE CONSTRUCTION PERIOD AND UNTIL ALL DISTURBED AREAS ARE THOROUGHLY STABILIZED.
- ALL SEDIMENT AND EROSION CONTROL MEASURES WILL BE INSTALLED IN ACCORDANCE WITH THE STANDARDS AND SPECIFICATIONS OF THE RHODE ISLAND SOIL EROSION AND SEDIMENT CONTROL HANDBOOK LATEST EDITION.
- SEDIMENT AND EROSION CONTROL MEASURES WILL BE INSTALLED PRIOR TO DEMOLITION AND/OR CONSTRUCTION WHENEVER POSSIBLE.
- CONTROL MEASURES WILL BE MAINTAINED IN EFFECTIVE CONDITION THROUGHOUT THE DEMOLITION AND CONSTRUCTION PERIOD UNTIL THE SITE IS DETERMINED TO BE STABILIZED BY THE AUTHORITY HAVING JURISDICTION.
- ADDITIONAL CONTROL MEASURES WILL BE INSTALLED DURING THE CONSTRUCTION PERIOD, IF NECESSARY OR REQUIRED OR AS DIRECTED BY THE CIVIL ENGINEER OR BY THE AUTHORITY HAVING JURISDICTION.
- SEDIMENT REMOVED FROM EROSION CONTROL STRUCTURES WILL BE DISPOSED IN A MANNER WHICH IS CONSISTENT WITH THE INTENT AND REQUIREMENTS OF THE SEDIMENT AND EROSION CONTROL PLANS, NOTES, AND DETAILS.
- CONTRACTOR IS ASSIGNED THE RESPONSIBILITY FOR IMPLEMENTING THIS SEDIMENT AND EROSION CONTROL PLAN. THIS RESPONSIBILITY INCLUDES THE INSTALLATION AND MAINTENANCE OF CONTROL MEASURES, NOTIFYING ALL PARTIES ENGAGED ON THE CONSTRUCTION SITE OF THE REQUIREMENTS AND OBJECTIVES OF THE PLAN, NOTIFYING THE TOWN OF SOUTH KINGSTOWN AND RIDEM OF ANY TRANSFER OF THIS RESPONSIBILITY AND FOR CONVEYING A COPY OF THE SEDIMENT AND EROSION CONTROL PLAN IF THE TITLE TO THE LAND IS TRANSFERRED.

SEDIMENT AND EROSION CONTROL NOTES

- THE SEDIMENT AND EROSION CONTROL PLAN IS ONLY INTENDED TO DESCRIBE THE SEDIMENT AND EROSION CONTROL TREATMENT FOR THIS SITE. SEE SEDIMENT AND EROSION CONTROL DETAILS AND CONSTRUCTION SEQUENCE. REFER TO SITE PLAN FOR GENERAL INFORMATION AND OTHER CONTRACT PLANS FOR APPROPRIATE INFORMATION.
- CONTRACTOR REPRESENTATIVE IS RESPONSIBLE FOR IMPLEMENTING THIS SEDIMENT AND EROSION CONTROL PLAN, AND CAN BE REACHED AT THE PHONE NUMBER PROVIDED. THIS RESPONSIBILITY INCLUDES THE PROPER INSTALLATION AND MAINTENANCE OF SEDIMENT AND EROSION CONTROL MEASURES, NOTIFYING ALL PARTIES ENGAGED WITH CONSTRUCTION ON THE SITE OF THE TOWN OF SOUTH KINGSTOWN AND RIDEM OF ANY TRANSFER OF THIS RESPONSIBILITY, AND FOR CONVEYING A COPY OF THE SEDIMENT & EROSION CONTROL PLAN IF THE TITLE TO THE LAND IS TRANSFERRED.
- AN EROSION CONTROL BOND MAY BE REQUIRED TO BE POSTED WITH TOWN OF SOUTH KINGSTOWN AND RIDEM TO ENSURE IMPLEMENTATION OF THE SEDIMENT AND EROSION CONTROL MEASURES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE POSTING OF THIS BOND AND FOR INQUIRIES TO THE TOWN OF SOUTH KINGSTOWN AND RIDEM FOR INFORMATION ON THE METHOD, TYPE AND AMOUNT OF THE BOND POSTING UNLESS OTHERWISE DIRECTED BY THE OWNER.
- VISUAL SITE INSPECTIONS SHALL BE CONDUCTED WEEKLY, AND AFTER EACH MEASURABLE PRECIPITATION EVENT OF 0.25 INCHES OR GREATER BY QUALIFIED PERSONNEL, TRAINED AND EXPERIENCED IN SEDIMENT AND EROSION CONTROL, TO ASCERTAIN THAT THE SEDIMENT AND EROSION CONTROL (E&S) BMPs ARE OPERATIONAL AND EFFECTIVE IN PREVENTING POLLUTION. A WRITTEN REPORT OF EACH INSPECTION SHALL BE KEPT, AND INCLUDE:
 - A SUMMARY OF THE SITE CONDITIONS, E&S BMPs, AND COMPLIANCE; AND
 - THE DATE, TIME, AND THE NAME OF THE PERSON CONDUCTING THE INSPECTION
- THE CONTRACTOR SHALL CONSTRUCT ALL SEDIMENT AND EROSION CONTROLS IN ACCORDANCE WITH RHODE ISLAND SOIL EROSION AND SEDIMENT CONTROL HANDBOOK LATEST EDITION, IN ACCORDANCE WITH THE CONTRACT DOCUMENTS, AND AS DIRECTED BY THE TOWN OF SOUTH KINGSTOWN AND RIDEM. THE CONTRACTOR SHALL KEEP A COPY OF THE HANDBOOK ON-SITE FOR REFERENCE DURING CONSTRUCTION.
- ADDITIONAL AND/OR ALTERNATIVE SEDIMENT AND EROSION CONTROL MEASURES MAY BE INSTALLED DURING THE CONSTRUCTION PERIOD IF FOUND NECESSARY BY THE CONTRACTOR, OWNER, SITE ENGINEER, TOWN OF SOUTH KINGSTOWN OR RIDEM. THE CONTRACTOR SHALL CONTACT THE OWNER AND APPROPRIATE GOVERNING AGENCIES FOR APPROVAL IF ALTERNATIVE CONTROLS OTHER THAN THOSE SHOWN ON THE PLANS ARE PROPOSED.
- THE CONTRACTOR SHALL KEEP A SUPPLY OF SEDIMENT AND EROSION CONTROL MATERIAL (SILT FENCE, RIP RAP, ETC.) ON-SITE FOR MAINTENANCE AND EMERGENCY REPAIRS.
- INSTALL PERIMETER SEDIMENT AND EROSION CONTROLS PRIOR TO CLEARING OR CONSTRUCTION. ALL CONSTRUCTION SHALL BE CONTAINED WITHIN THE LIMIT OF DISTURBANCE, WHICH SHALL BE MARKED WITH SILT FENCE, SAFETY FENCE, STRAW BALES, RIBBONS, OR OTHER MEANS PRIOR TO CLEARING. CONSTRUCTION ACTIVITY SHALL REMAIN ON THE UPHILL SIDE OF THE SILT FENCE UNLESS WORK IS SPECIFICALLY CALLED FOR ON THE DOWNHILL SIDE OF THE FENCE.
- CONSTRUCTION ENTRANCE SHALL BE INSTALLED AT START OF CONSTRUCTION AND MAINTAINED THROUGHOUT THE DURATION OF CONSTRUCTION. THE LOCATION OF THE CONSTRUCTION ENTRANCE MAY CHANGE AS CONSTRUCTION IS COMPLETED.
- TOPSOIL SHALL BE STRIPPED AND STOCKPILED FOR USE IN FINAL LANDSCAPING. ALL EARTH STOCKPILES SHALL HAVE STRAW BALES OR SILT FENCE AROUND THE LIMIT OF PILE. PILES SHALL BE TEMPORARILY SEEDED IF PILE IS TO REMAIN IN PLACE FOR MORE THAN ONE (1) MONTH.
- MINIMIZE LAND DISTURBANCES. SEED AND MULCH DISTURBED AREAS WITH TEMPORARY MIX AS SOON AS PRACTICABLE (ONE WEEK MAXIMUM UNSTABILIZED PERIOD) USING PERENNIAL RYEGRASS AT 40 LBS PER ACRE. MULCH ALL CUT AND FILL SLOPES AND SWALES WITH LOOSE HAY AT A RATE OF 2 TONS PER ACRE. IF NECESSARY, REPLACE LOOSE HAY ON SLOPES WITH EROSION CONTROL BLANKETS OR JUTE CLOTH. MODERATELY GRADED AREAS, ISLANDS, AND TEMPORARY CONSTRUCTION STAGING AREAS MAY BE HYDROSEEDED WITH TACKIFIER.
- INSTALL SILT FENCE ACCORDING TO MANUFACTURER'S INSTRUCTION, PARTICULARLY, BURY LOWER EDGE OF FABRIC INTO GROUND. SILT FENCE SHALL BE TENCATE ENVIROFENCE, PROPEX GEXTOX OR EQUIVALENT APPROVED BY THE CIVIL ENGINEER. FILTER FABRIC USED SHALL BE MIRAFI 100X OR APPROVED EQUIVALENT. SEE SPECIFICATIONS FOR FURTHER INFORMATION.
- IF DEWATERING IS NECESSARY, DIRECT DEWATERING PUMP DISCHARGE TO A SEDIMENT CONTROL DEVICE SUCH AS TEMPORARY PITS, SEDIMENT TRAP, SEDIMENT BASINS OR GRASS FILTERS WITHIN THE APPROVED LIMIT OF DISTURBANCE. DISCHARGE TO SURFACE WATERS FROM SEDIMENT CONTROLS SHALL BE CLEAR.
- SWEEP AFFECTED PORTIONS OF OFF SITE ROADS ONE OR MORE TIMES A DAY (OR LESS FREQUENTLY IF TRACKING IS NOT A PROBLEM) DURING CONSTRUCTION. OTHER DUST CONTROL MEASURES TO BE USED AS NECESSARY INCLUDE WATERING DOWN DISTURBED AREAS, USING CALCIUM CHLORIDE, AND COVERING LOADS ON DUMP TRUCKS.
- IMMEDIATELY UPON DISCOVERING UNFORESEEN CIRCUMSTANCES POSING THE POTENTIAL FOR ACCELERATED EROSION AND/OR SEDIMENT POLLUTION, THE OPERATOR SHALL IMPLEMENT APPROPRIATE BEST MANAGEMENT PRACTICES TO ELIMINATE THE POTENTIAL FOR ACCELERATED EROSION AND/OR SEDIMENT POLLUTION.
- PUMPING OF SEDIMENT LADEN WATER SHALL BE THROUGH A SEDIMENT CONTROL BMP, SUCH AS A PUMPED WATER FILTER BAG OR EQUIVALENT SEDIMENT REMOVAL FACILITY, OVER UNDISTURBED VEGETATED AREAS.
- EXCAVATED MATERIAL SHALL BE PLACED ON THE HIGH SIDE OF UTILITY TRENCHES SO AS TO ALLOW THE TRENCH TO INTERCEPT SILT LADEN RUNOFF.
- CONTRACTOR SHALL ONLY EXCAVATE AS MUCH UTILITY TRENCH WORK AS CAN BE COMPLETED, BACKFILLED AND STABILIZED IN ONE DAY SO AS TO LIMIT THE AMOUNT OF OPEN, DISTURBED TRENCHING.
- STOCKPILES OF STRIPPED MATERIALS ARE TO BE PERIODICALLY SPRAYED WITH WATER OR A CRUSTING AGENT TO STABILIZE POTENTIALLY WIND-BLOWN MATERIAL. TRUCKS HAULING IMPORT FILL MATERIAL ARE TO BE TARPED TO AID IN THE CONTROL OF AIRBORNE DUST. DURING HIGH WIND EVENTS (20 TO 30 MPH SUSTAINED) CONSTRUCTION ACTIVITY SHALL BE LIMITED OR CEASED IF DUST CANNOT BE CONTROLLED BY WETTING.
- AN AREA SHALL BE CONSIDERED TO HAVE ACHIEVED FINAL STABILIZATION WHEN IT HAS A MINIMUM OF 70% UNIFORM PERENNIAL VEGETATIVE COVER OR OTHER PERMANENT NON-VEGETATIVE COVER WITH A DENSITY SUFFICIENT TO RESIST ACCELERATED SURFACE EROSION AND SUBSURFACE CHARACTERISTICS SUFFICIENT TO RESIST SLIDING OR OTHER MOVEMENTS UNLESS OTHERWISE DETERMINED BY THE AUTHORITY HAVING JURISDICTION.
- MAINTAIN EROSION AND SEDIMENT CONTROL DEVICES IN EFFECTIVE CONDITION THROUGHOUT THE CONSTRUCTION PERIOD. UPON COMPLETION OF WORK SWEEP PARKING LOT AND REMOVE ALL TEMPORARY EROSION AND SEDIMENT CONTROLS WHEN AUTHORIZED BY AUTHORITY HAVING JURISDICTION.
- FILE N.O.T. (NOTICE OF TERMINATION) WITH RIDEM PER THE REQUIREMENTS OF THE CONSTRUCTION GENERAL PERMIT.



PLAN PREPARER STATEMENT

THESE PLANS HAVE BEEN PREPARED BY ME OR UNDER MY DIRECTION IN ACCORDANCE WITH THE RHODE ISLAND SOIL EROSION AND SEDIMENT CONTROL HANDBOOK.

Suzanne M. King

SUZANNE M. KING, RI PE NUMBER 10040

OPERATOR

COMPANY NAME: _____

CONTACT NAME: _____

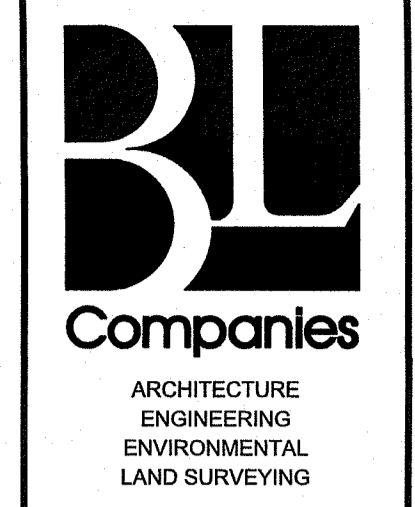
ADDRESS: _____

CITY, STATE, ZIP: _____

TELEPHONE NUMBER: _____

EMAIL ADDRESS: _____

REFER TO SHEET GN-1 FOR SITEWORK GENERAL NOTES



100 River Ridge Drive, Suite 105
 Norwood, MA 02062
 (781) 619-9500

SUZANNE M. KING
 REGISTERED PROFESSIONAL ENGINEER
 CIVIL

OWNER:
 South Shore Mental Health
 765 Athens Ave., Suite 100
 Providence, RI 02905

APPLICANT:
 Garrett Home, LLC
 6 William Way
 Hartwinton, CT 06791

PROPOSED RETAIL
 1860 KINGSTOWN ROAD
 SOUTH KINGSTOWN, RHODE ISLAND

REVISIONS	NO.	DATE	DESCRIPTION
	1	04/26/19	TRC MEETING COMMENTS
	2	05/09/19	SEWER REVISION PER 4/10/19 TRC COMMENTS
	3	05/16/19	REVISION PER 4/22/19 RIDEM REVIEW COMMENTS
	4	05/25/19	REVISION PER 6/14/19 RIDEM REVIEW COMMENTS
	5	06/28/19	REVISION PER 6/25/19 PLANNING COMMENTS
	6	07/19/19	REVISION PER 7/02/19 RIDEM COMMENTS
	7	08/27/19	REVISION PER 8/27/19 PLANNING COMMENTS
	8	09/20/19	REVISION PER 9/20/19 RIDEM REVIEW COMMENTS

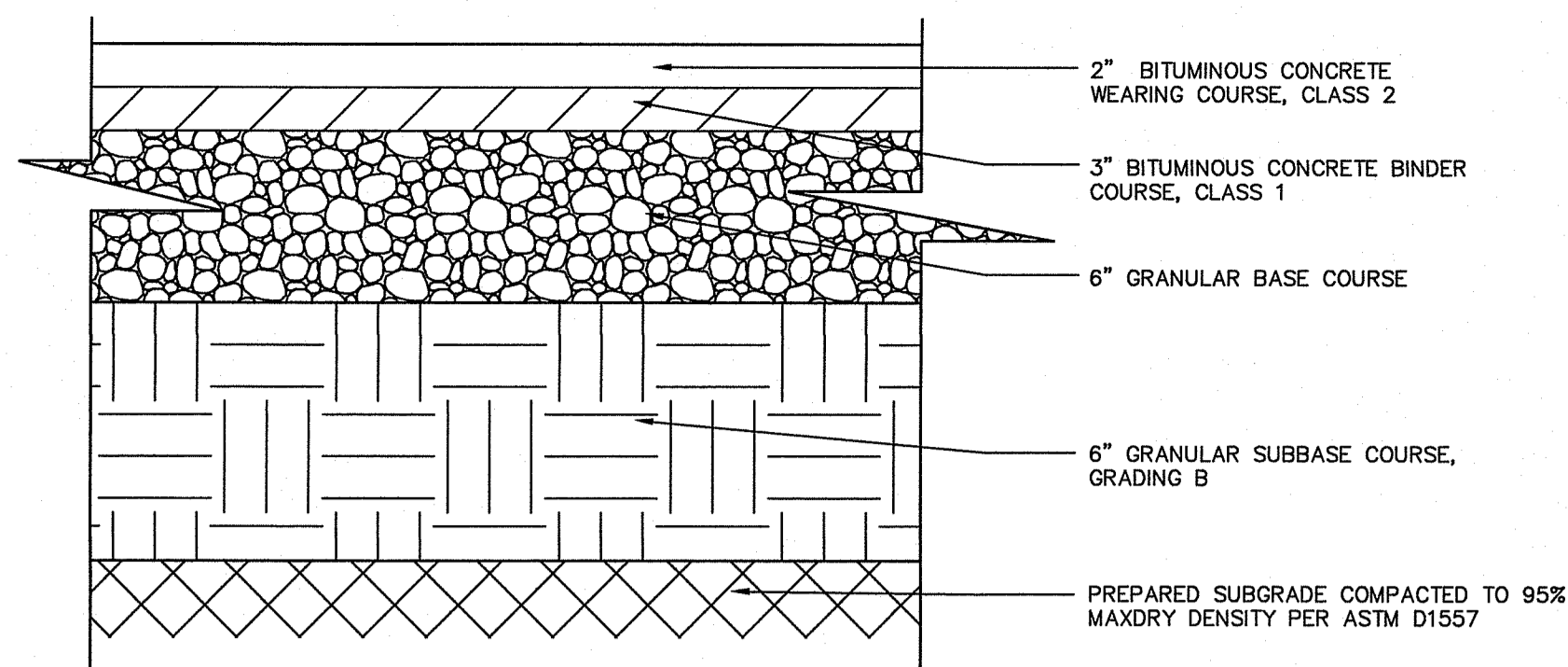
DESIGNED: S.M.K.
 DRAWN: C.M.N.
 REVIEWED: S.M.K.
 SCALE: NONE
 PROJECT NO.: 186704
 DATE: 03/12/19
 CAD FILE: EC18670401

SEDIMENT AND EROSION CONTROL NOTES AND DETAILS

Sheet No. **EC-2**

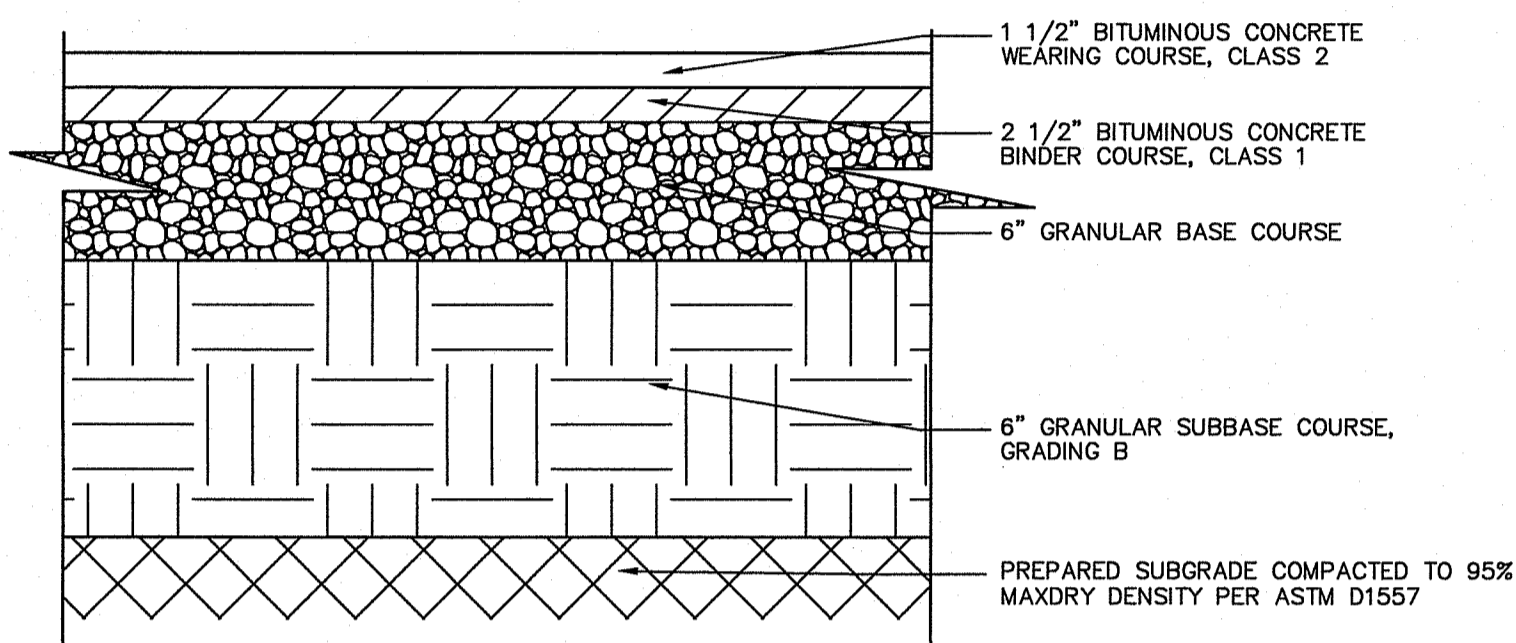
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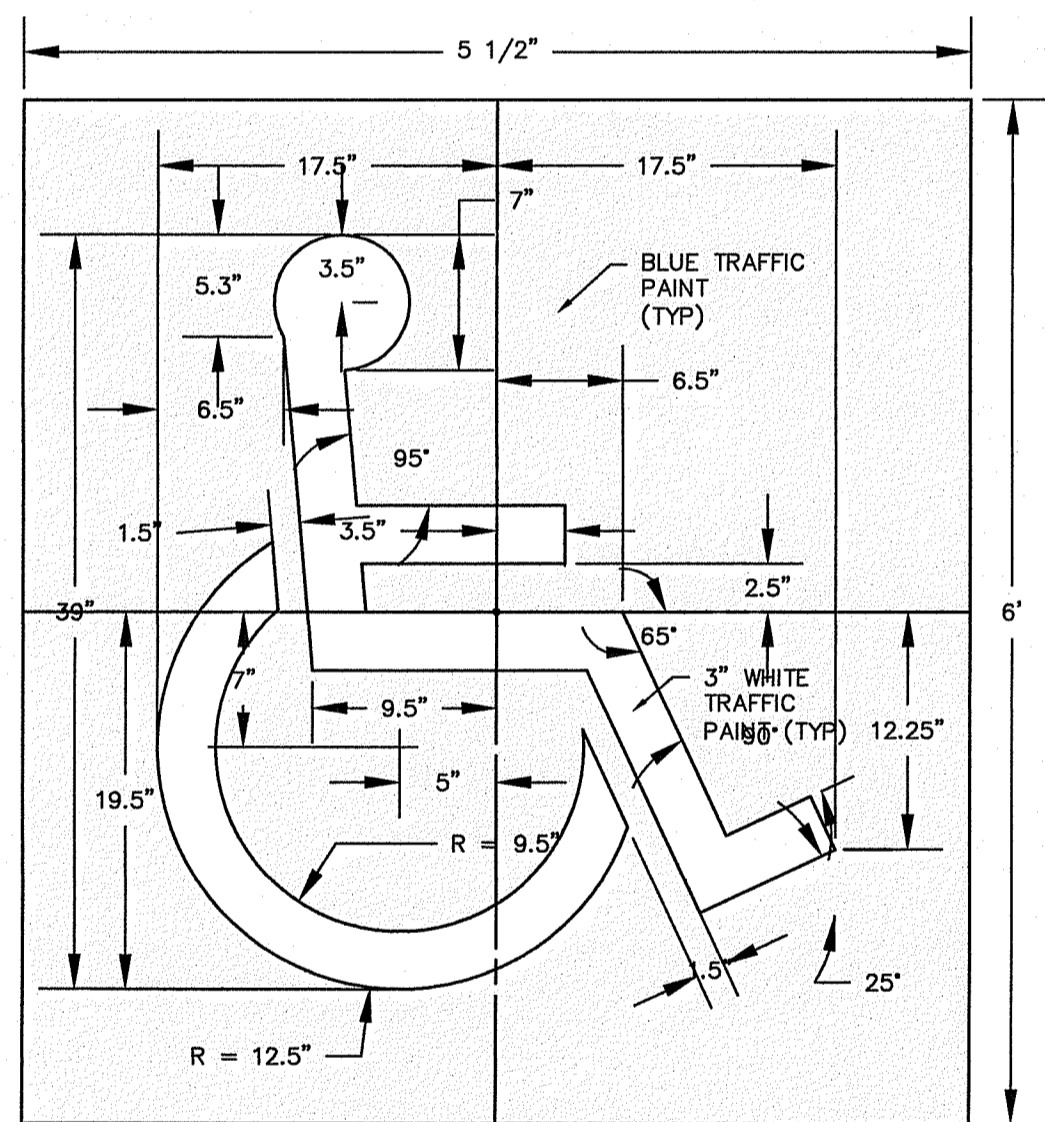
HEAVY DUTY BITUMINOUS CONCRETE PAVEMENT STRUCTURE DETAIL

N.T.S.



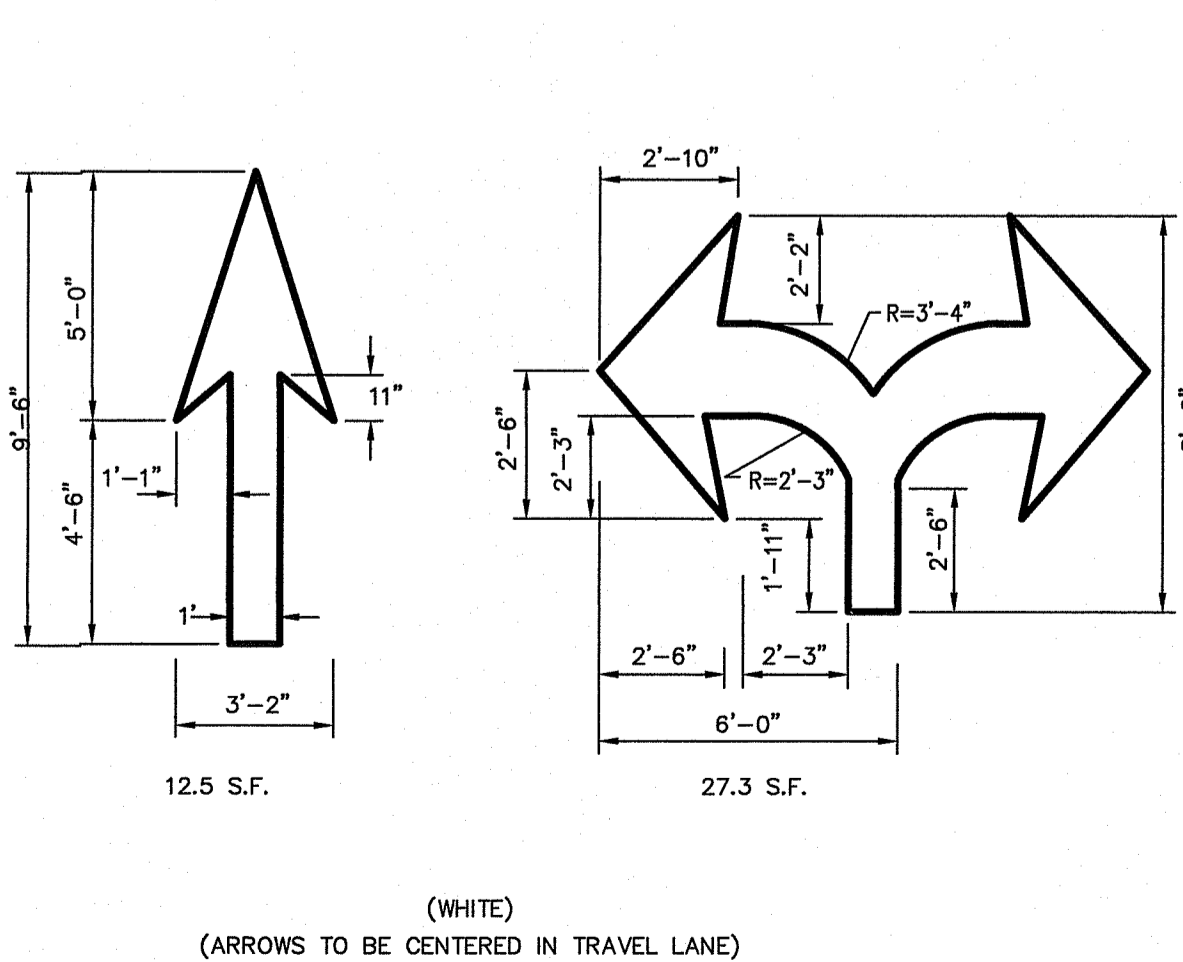
STANDARD DUTY BITUMINOUS CONCRETE PAVEMENT STRUCTURE DETAIL

N.T.S.



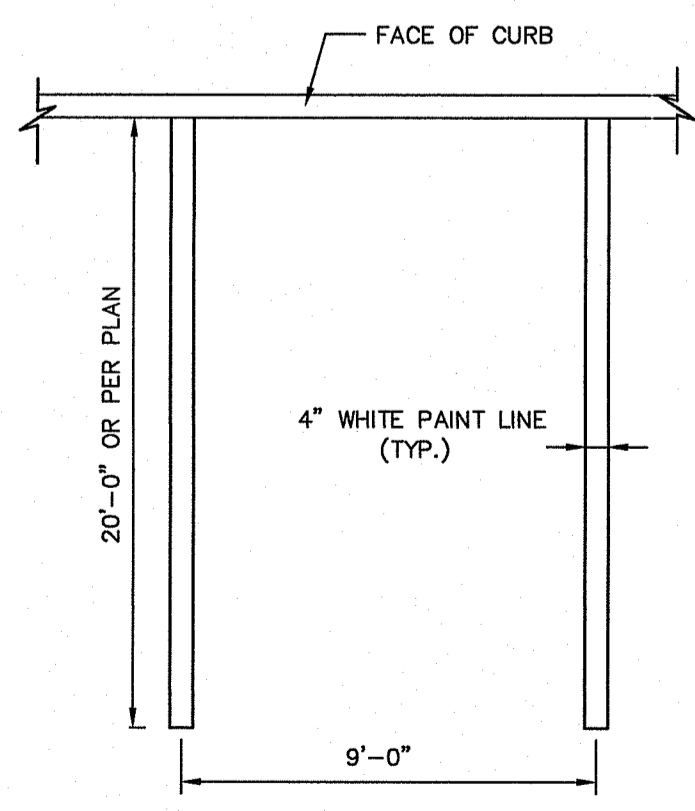
HANDICAP SYMBOL

N.T.S.



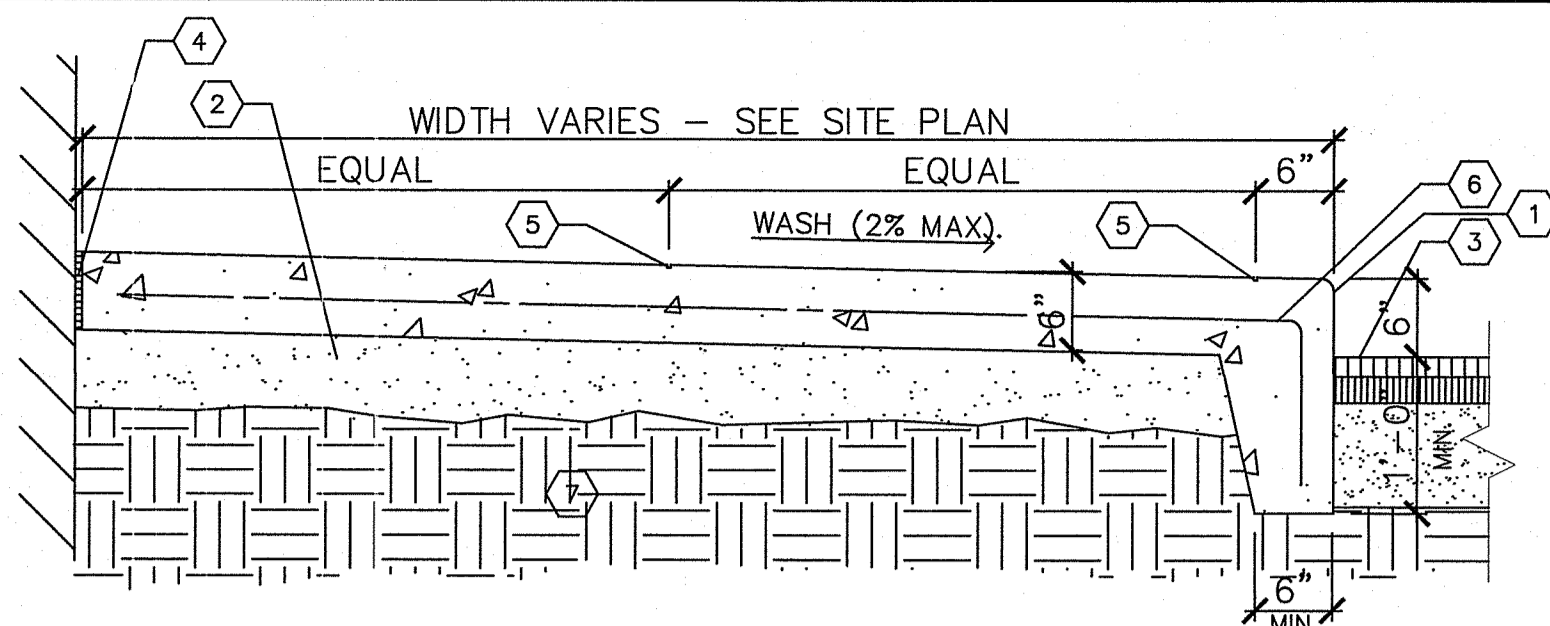
PAVEMENT ARROW DETAILS

N.T.S.



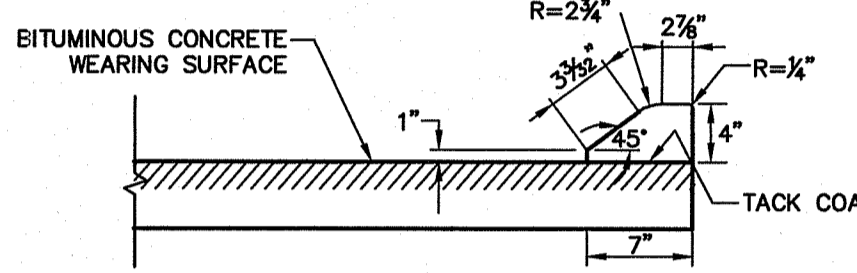
TYPICAL PARKING SPACE DETAIL

N.T.S.



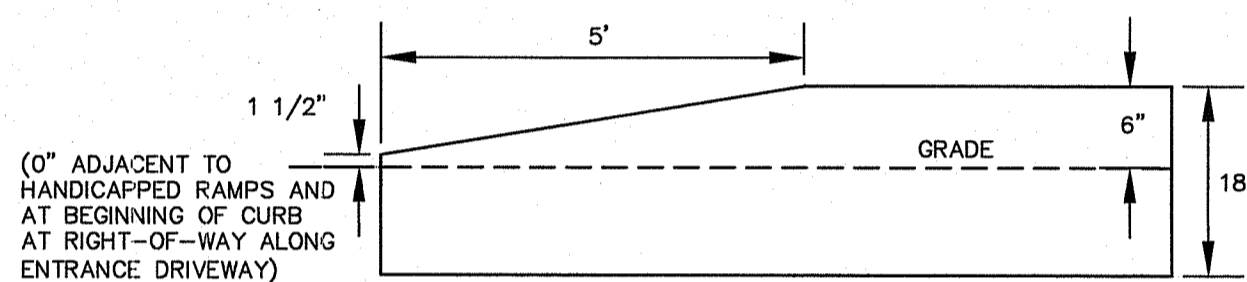
MONOLITHIC CONCRETE CURB AND SIDEWALK DETAIL (AT BUILDING)

N.T.S.



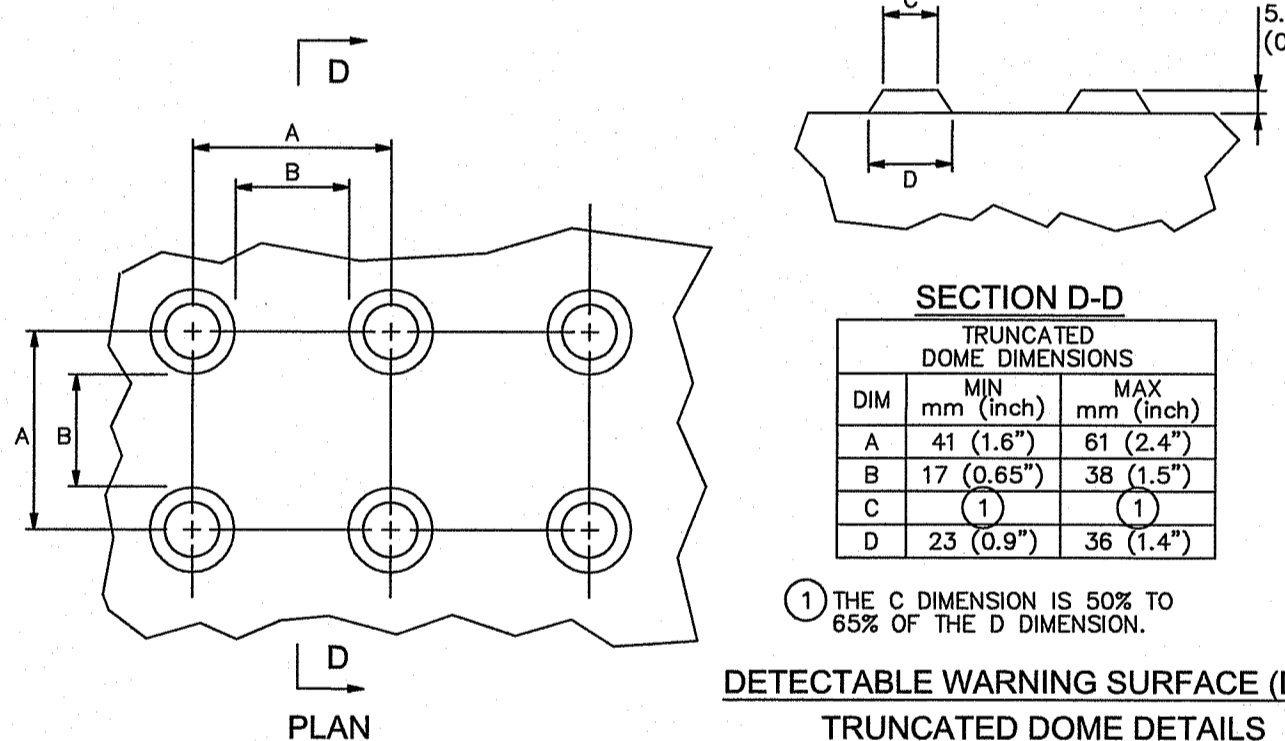
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N.T.S.



TRANSITION CURB

N.T.S.

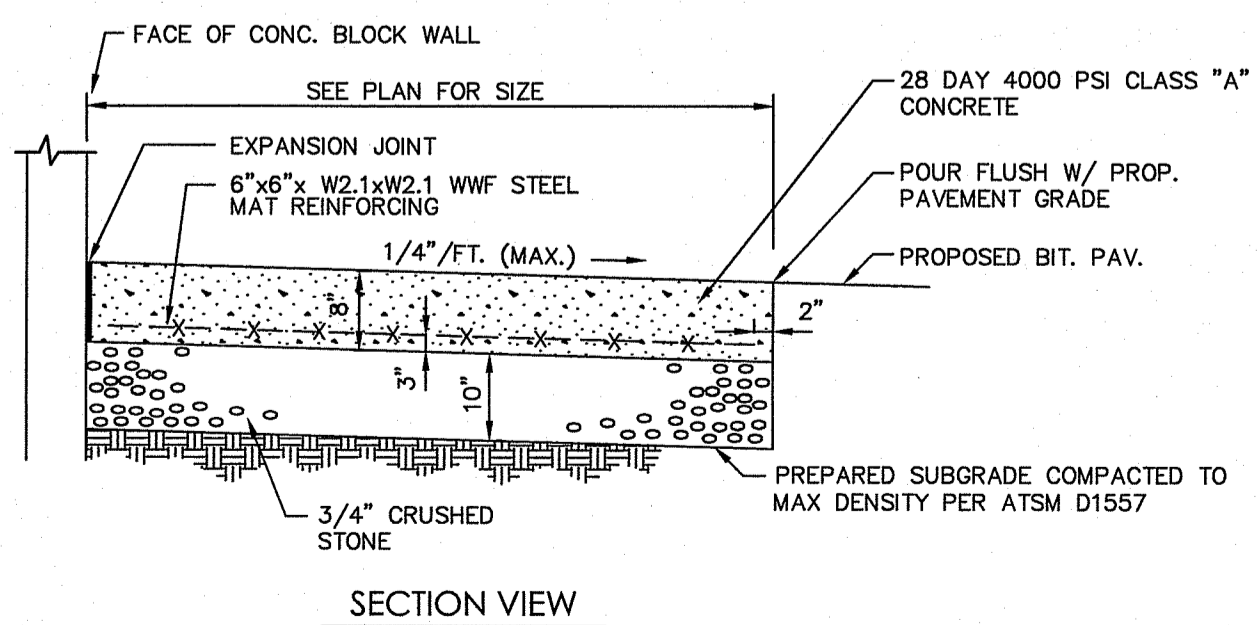


DETECTABLE WARNING SURFACE (DWS) TRUNCATED DOME DETAILS

1. ALIGN DETECTABLE WARNING DOMES ON A SQUARE GRID IN THE PREDOMINANT DIRECTION OF TRAVEL TO PERMIT WHEELS TO ROLL BETWEEN THE DOMES.
2. PROVIDE DETECTABLE WARNING SURFACES THAT CONTRAST (70%) IN LIGHT REFLECTANCE WITH ADJOINING SURFACES, EITHER LIGHT-ON-DARK OR DARK-ON-LIGHT OR SAFETY YELLOW.

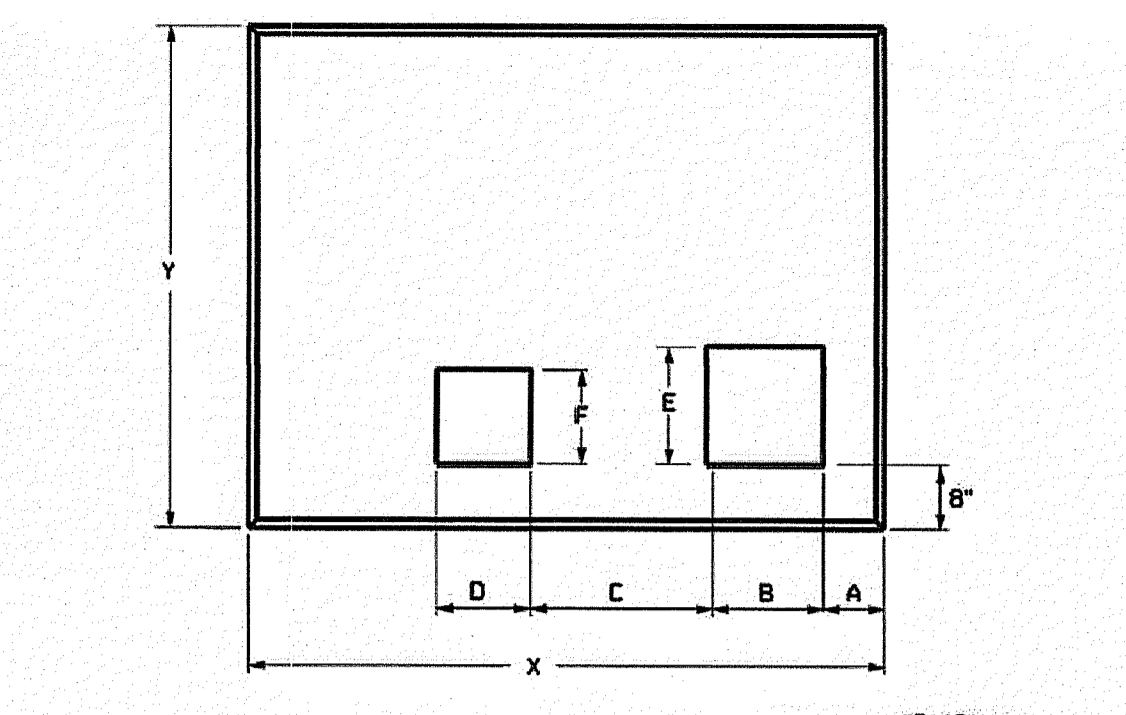
(DWS) AND X-SECT. DETECTABLE WARNING SURFACE

N.T.S.



TRASH ENCLOSURE PAD AND CONCRETE PAVEMENT

N.T.S.



REBAR DIAGRAM

3 PHASE PADMOUNTS	15 kV	25 and 35kV
Dimensions	75-500kVA	75-300kVA
X	81"	85"
Y	64"	62"
A	22"	8"
B	15"	25"
C	8"	20"
D	12"	12"
E	15"	18"
F	12"	12"

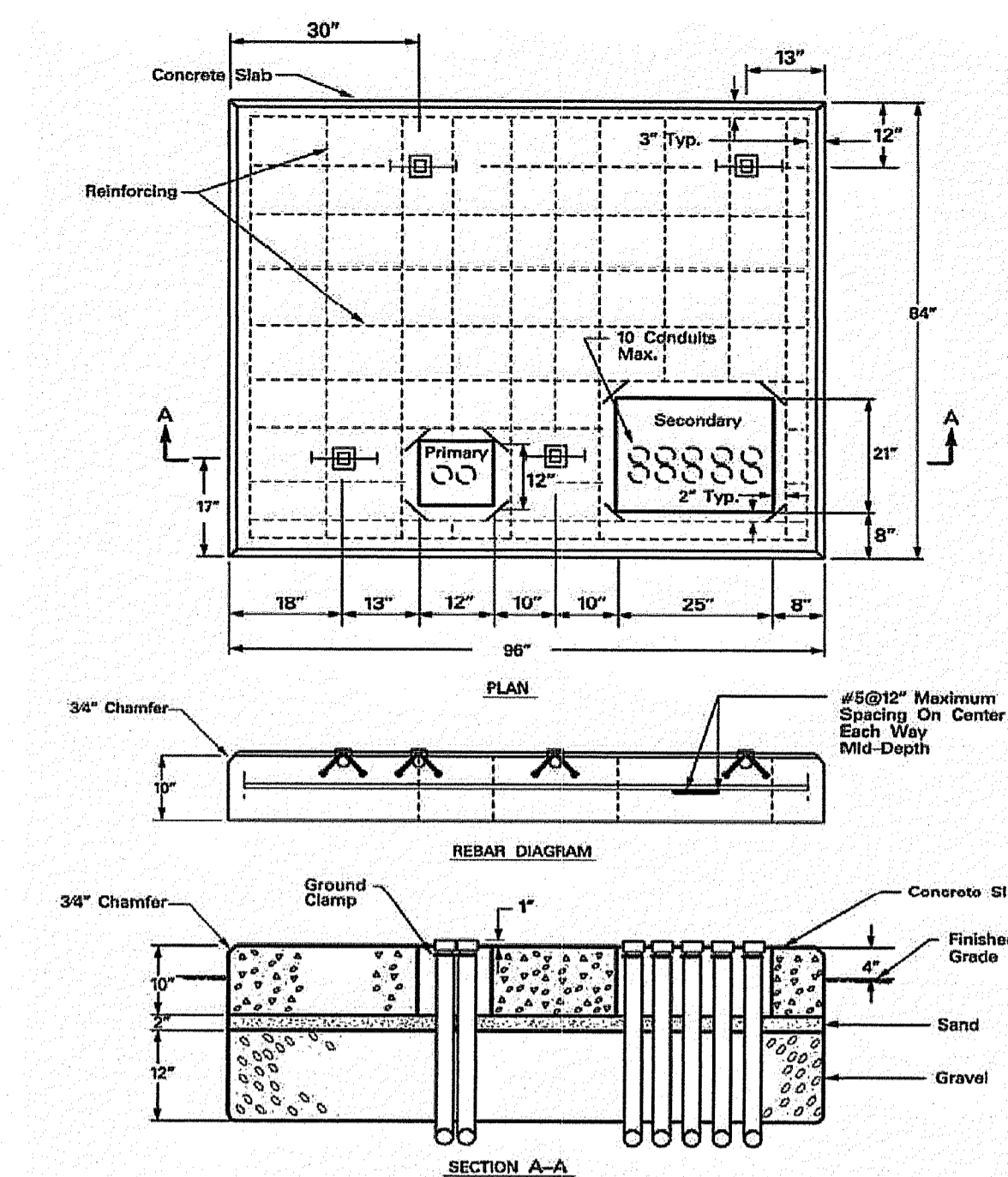
- Notes:
1. All materials and workmanship shall conform to ACI-318.
 2. Concrete to have a minimum strength of 5000 p.s.i. after 28 days. Air entrainment to be 6% ± 1%. All exposed edges to have a 3/4" chamfer.
 3. Reinforcing to be #5 - Grade 60 bars and shall conform to ASTM A-615 of latest date. Reinforcing to be placed a minimum of 2" clear from face of concrete.
 4. All openings shall have additional rebar reinforcement of 1 - #5 each corner, mid-depth.
 5. Lifting anchors shall be installed with appropriate Dayton lifting anchors or equivalent.

FIGURE 5 TYPICAL TRANSFORMER CONCRETE PAD DIMENSIONS

ESB 754/759

23

October 2007



- Notes:
1. All materials and workmanship shall conform to ACI-318.
 2. Concrete to have a minimum strength of 5000 p.s.i. after 28 days. Air entrainment to be 6% ± 1%. All exposed edges to have a 3/4" chamfer.
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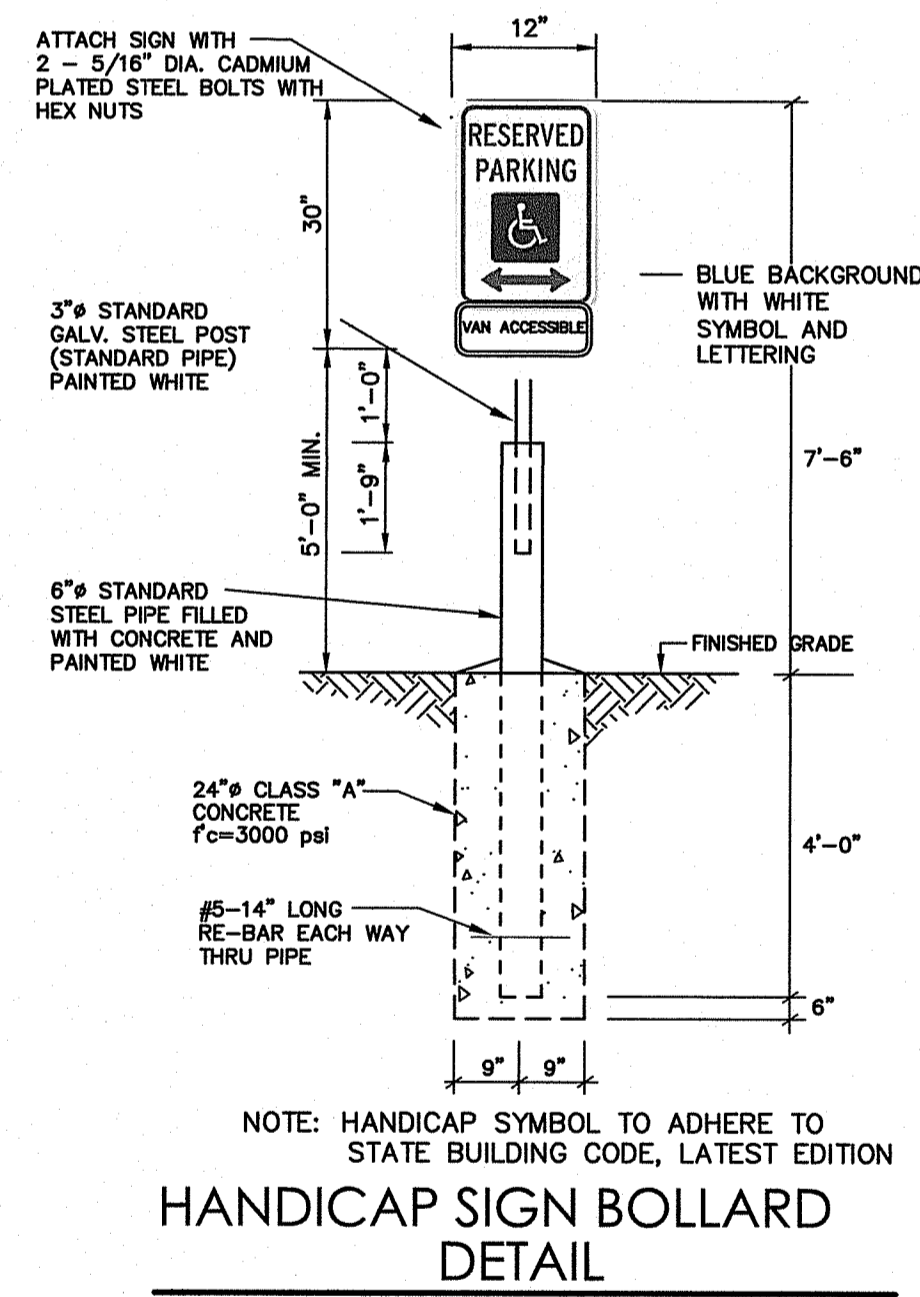
FIGURE 6 Reinforced Concrete Flat Pad Three-Phase, Padmounted Transformers (Typical Conduit and Foundation Reinforcing Schedule)

24

ESB 754/759

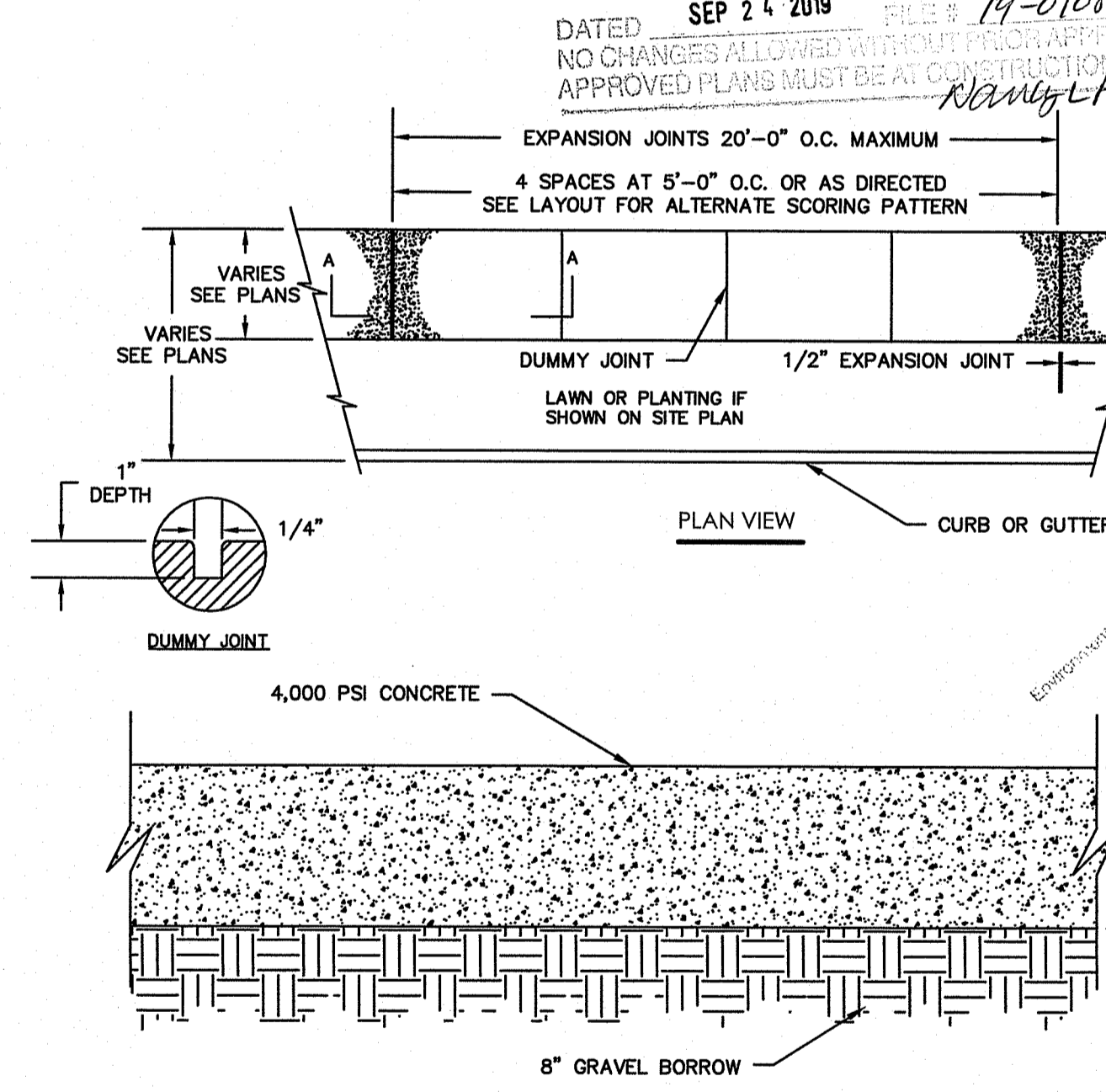
TRANSFORMER PAD

N.T.S.



HANDICAP SIGN BOLLARD DETAIL

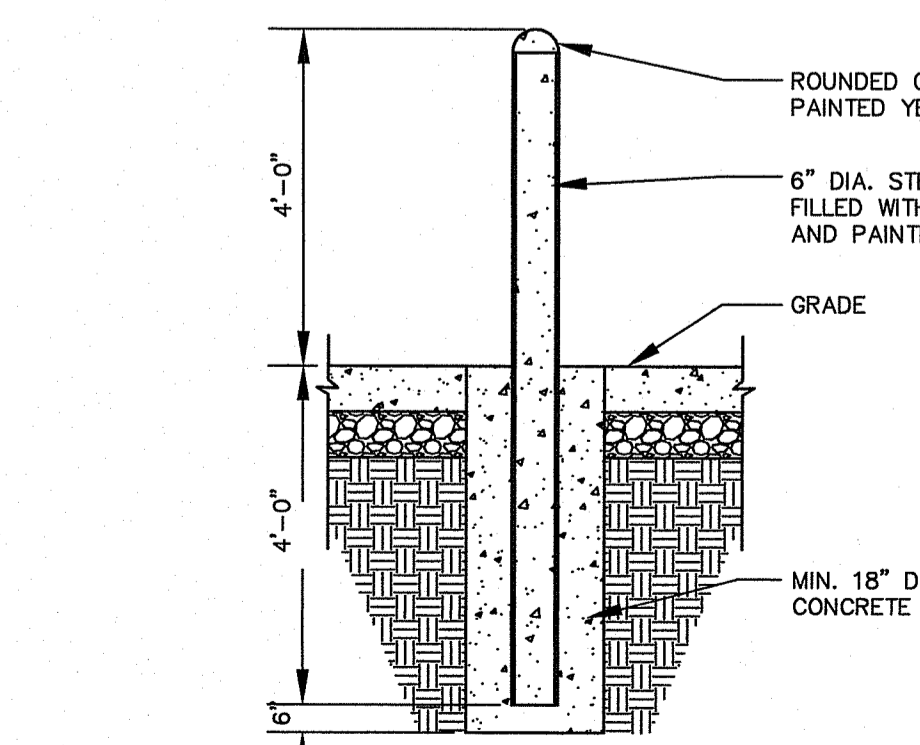
N.T.S.



SIDEWALK DETAIL

N.T.S.

- Notes:
1. 1/4" WIDE x 1" DEEP DUMMY JOINTS SCORED AT 5'-0" INTERVALS.
 2. CONSTRUCTION EXPANSION JOINTS SPACED EVERY 20' AND BETWEEN CURB AND SIDEWALK WHERE ADJACENT
 3. SIDEWALK TO BE BROOM FINISHED
 4. SIDEWALK SHALL BE IN ACCORDANCE WITH SECTION 905 OF THE R.I. STANDARD SPECIFICATIONS



PROTECTIVE POST (BOLLARD) DETAIL

N.T.S.

BLSE-005

FOR PERMITTING PURPOSES ONLY NOT RELEASED FOR CONSTRUCTION



ARCHITECTURE
ENGINEERING
ENVIRONMENTAL
LAND SURVEYING

100 River Ridge Drive, Suite 106
Norwood, MA 02062
(781) 619-9505

SUZANNE M. KING
REGISTERED
PROFESSIONAL ENGINEER
CIVIL

OWNER:
South Shore Mental Health
765 Allens Ave, Suite 100
Providence, RI 02905

APPLICANT:
Garrett Home, LLC
6 William Way
Hartford, CT 06791

PROPOSED RETAIL
1860 KINGSTOWN ROAD
SOUTH KINGSTOWN, RHODE ISLAND

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
APPROVED WITH CONDITIONS
AS SPECIFIED IN THE LETTER OF APPROVAL
DATED SEP 24 2019 FILE # 19-0108
NO CHANGES ALLOWED WITHOUT PREVIOUS APPROVAL
APPROVED PLANS MUST BE AT CONSTRUCTION SITE

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10	09/20/19	REVISION PER 9/20/19 RIDOT REVIEW COMMENTS

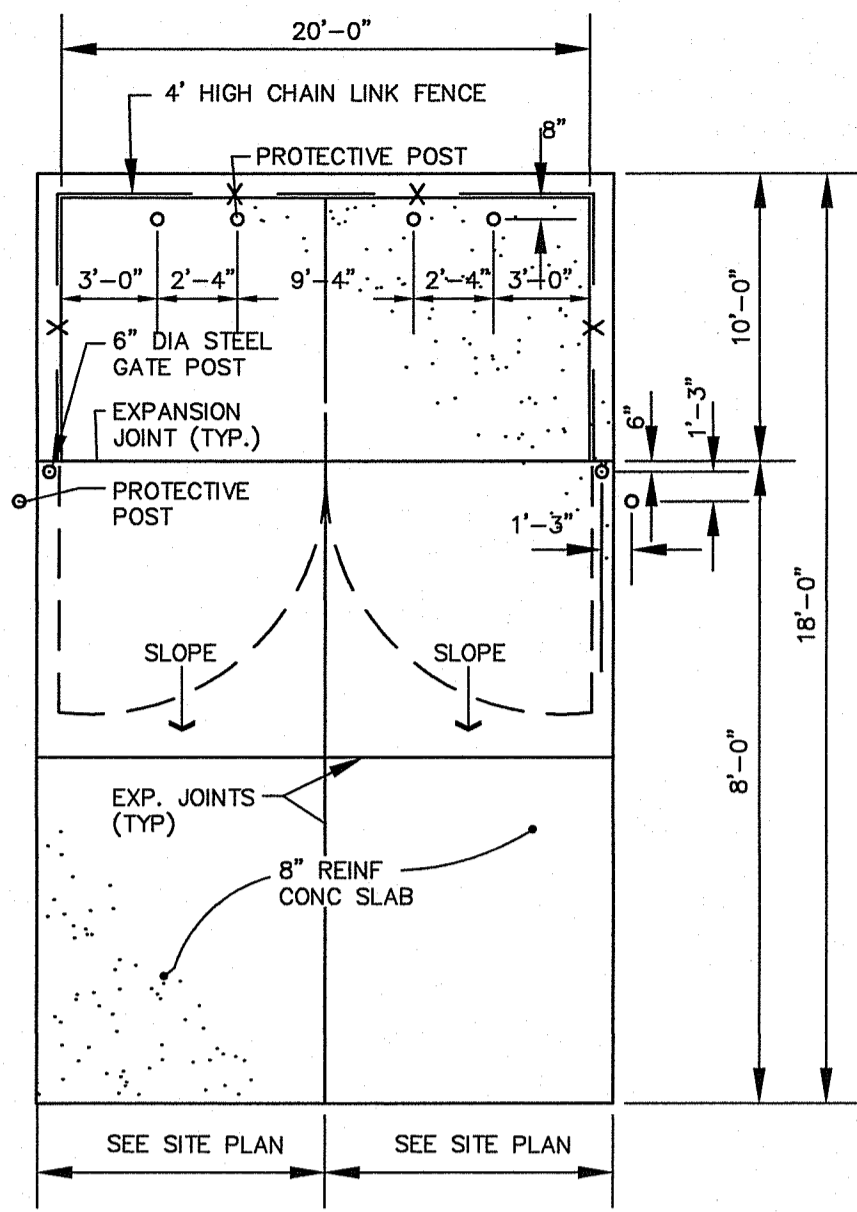
Designed A.J.T.
Drawn A.J.T.
Reviewed S.M.K.
Scale NONE
Project No. 18C6704
Date 03/12/19
CAD File: DN18C670401
Title
DETAILS SHEET

Sheet No. DN-1

9/20/2019, 9:08 AM, C:\JOB\1860 KINGSTOWN ROAD\DWG\DN-1.DWG, 1:243X

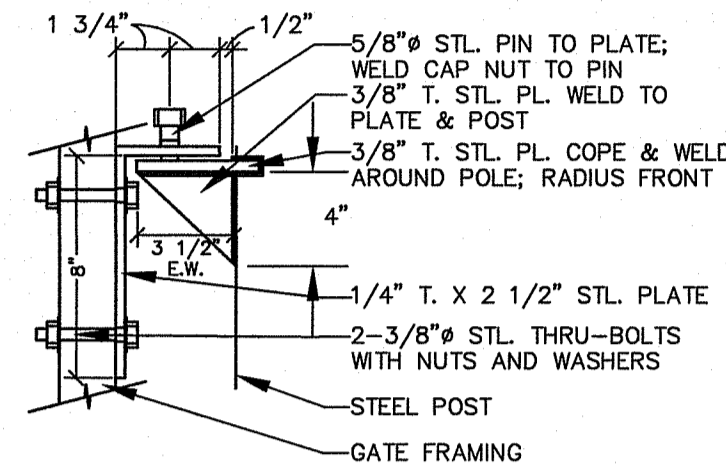
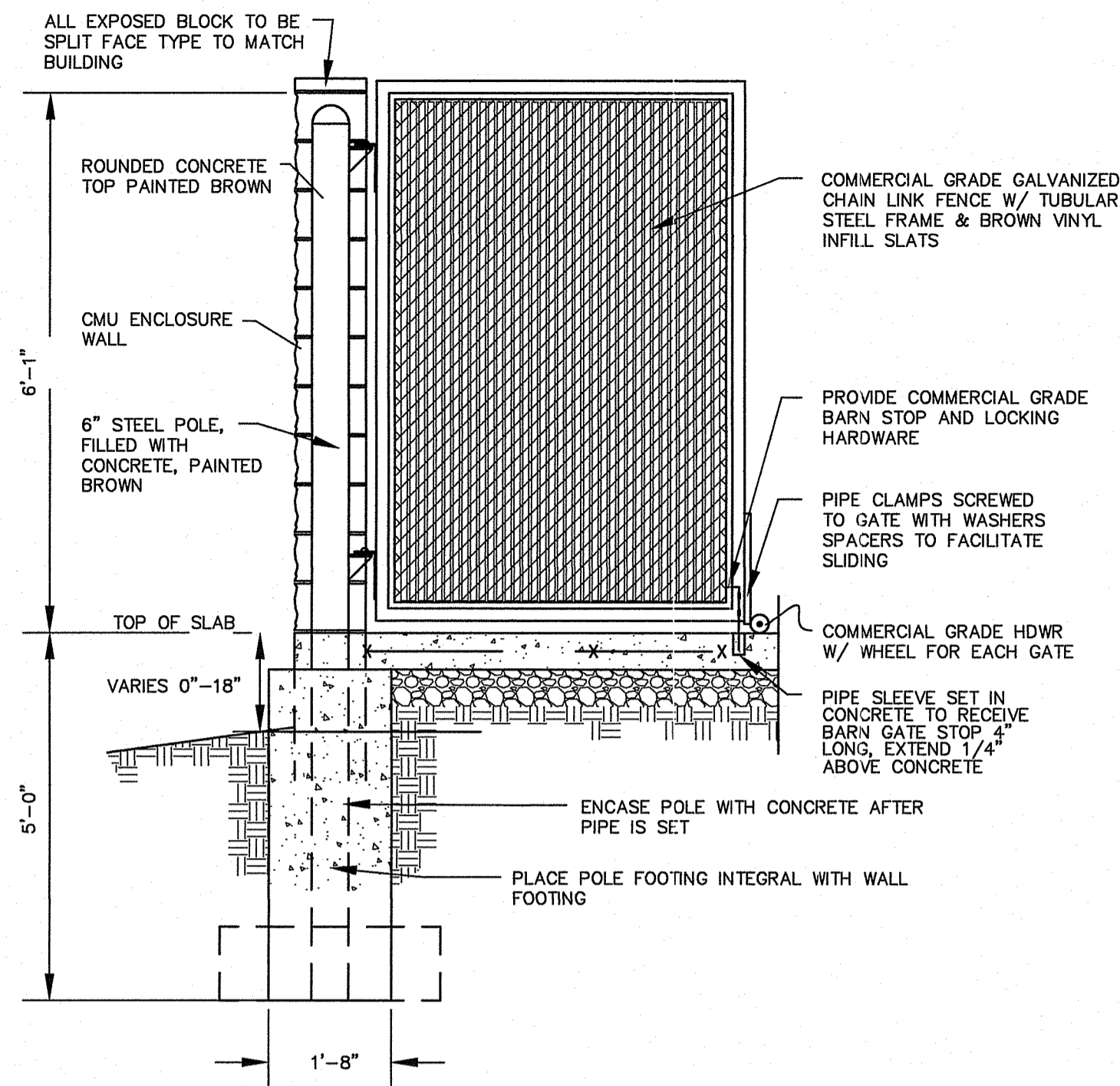
TRASH ENCLOSURE PLAN

N.T.S. BLSE-004



TRASH ENCLOSURE GATE AND SCREEN WALL DETAIL

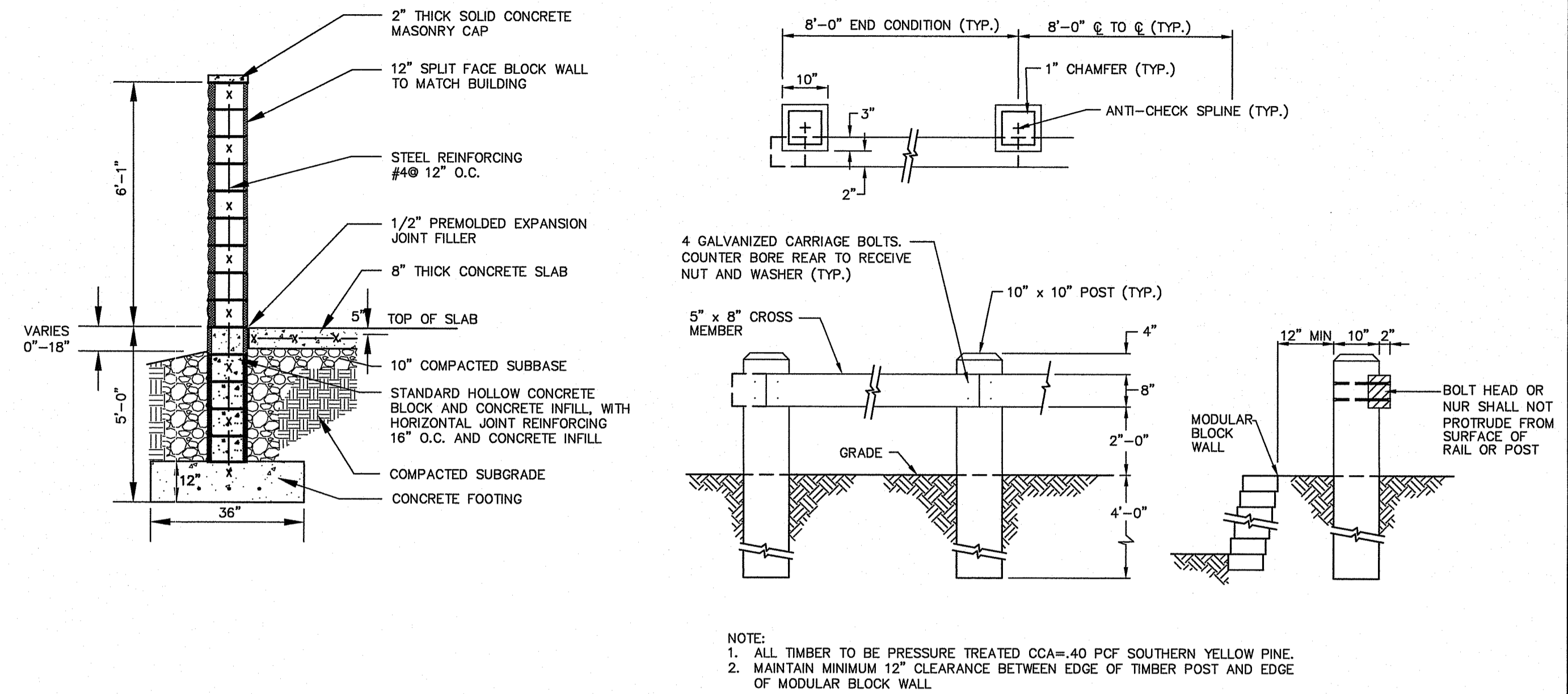
N.T.S.



GATE HINGE

TIMBER RAIL

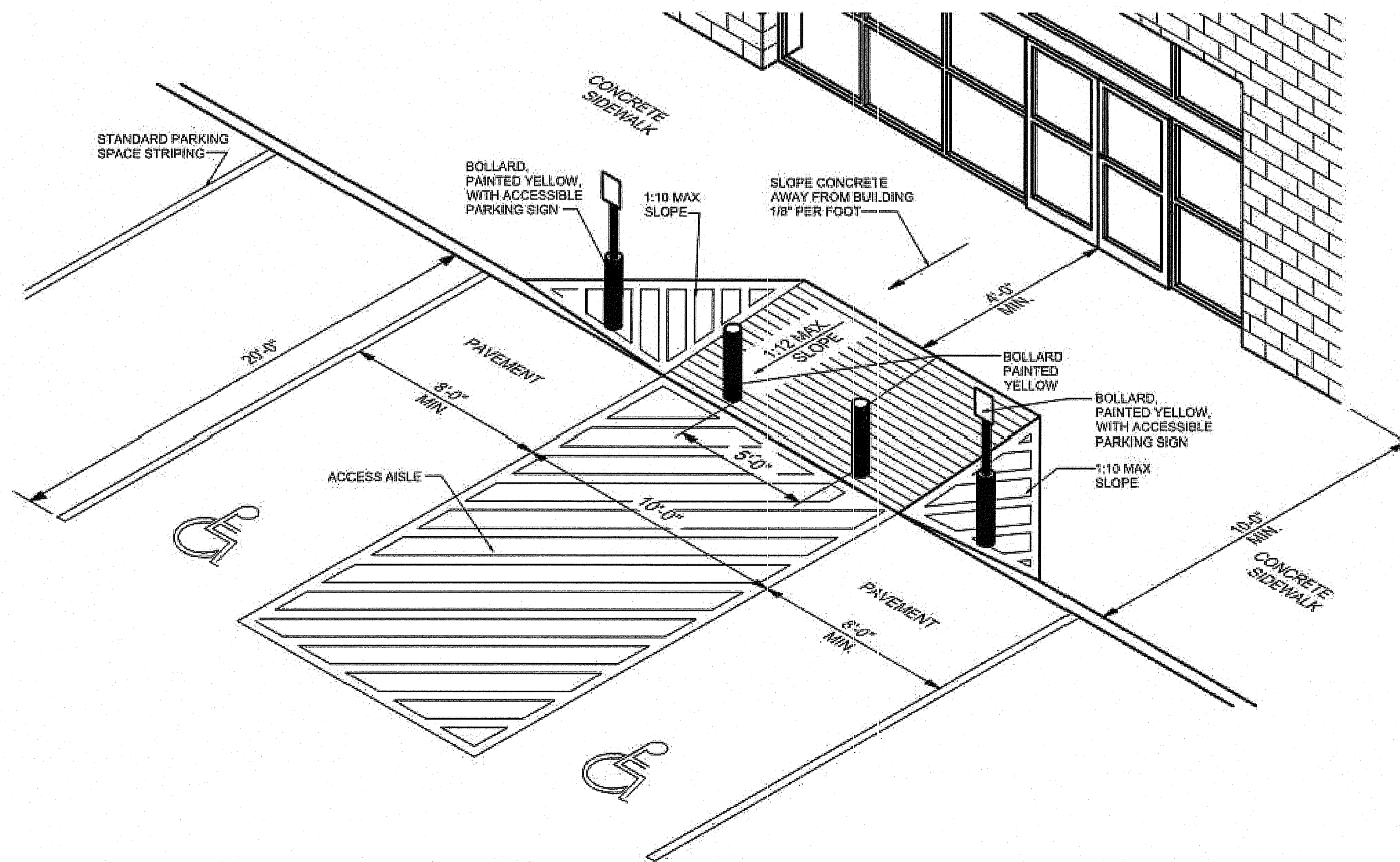
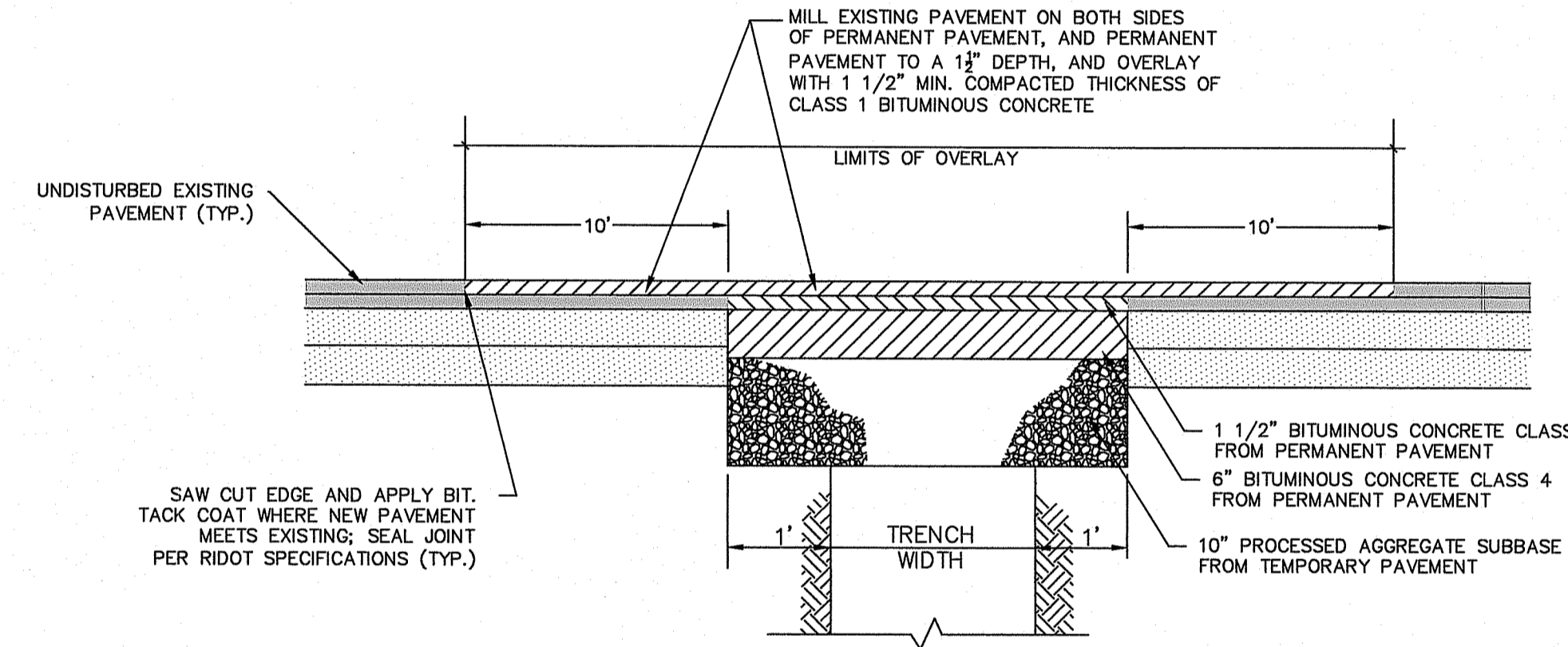
N.T.S. BLGR-002



NOTE:
1. ALL TIMBER TO BE PRESSURE TREATED CCA-40 PCF SOUTHERN YELLOW PINE.
2. MAINTAIN MINIMUM 12" CLEARANCE BETWEEN EDGE OF TIMBER POST AND EDGE OF MODULAR BLOCK WALL.

**MILLING AND OVERLAY
TRENCHES PERPENDICULAR TO EDGE OF PAVEMENT**

N.T.S.



ACCESSIBLE HANDICAP PARKING AND ACCESS AISLE DETAILS

N.T.S.

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
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AS SPECIFIED IN THE LETTER OF APPROVAL
DATED **SEP 24 2019** FILE # **19-0108**
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APPROVED PLANS MUST BE AT CONSTRUCTION SITE
Nancy L. Freeman

REVISIONS	DATE	DESCRIPTION
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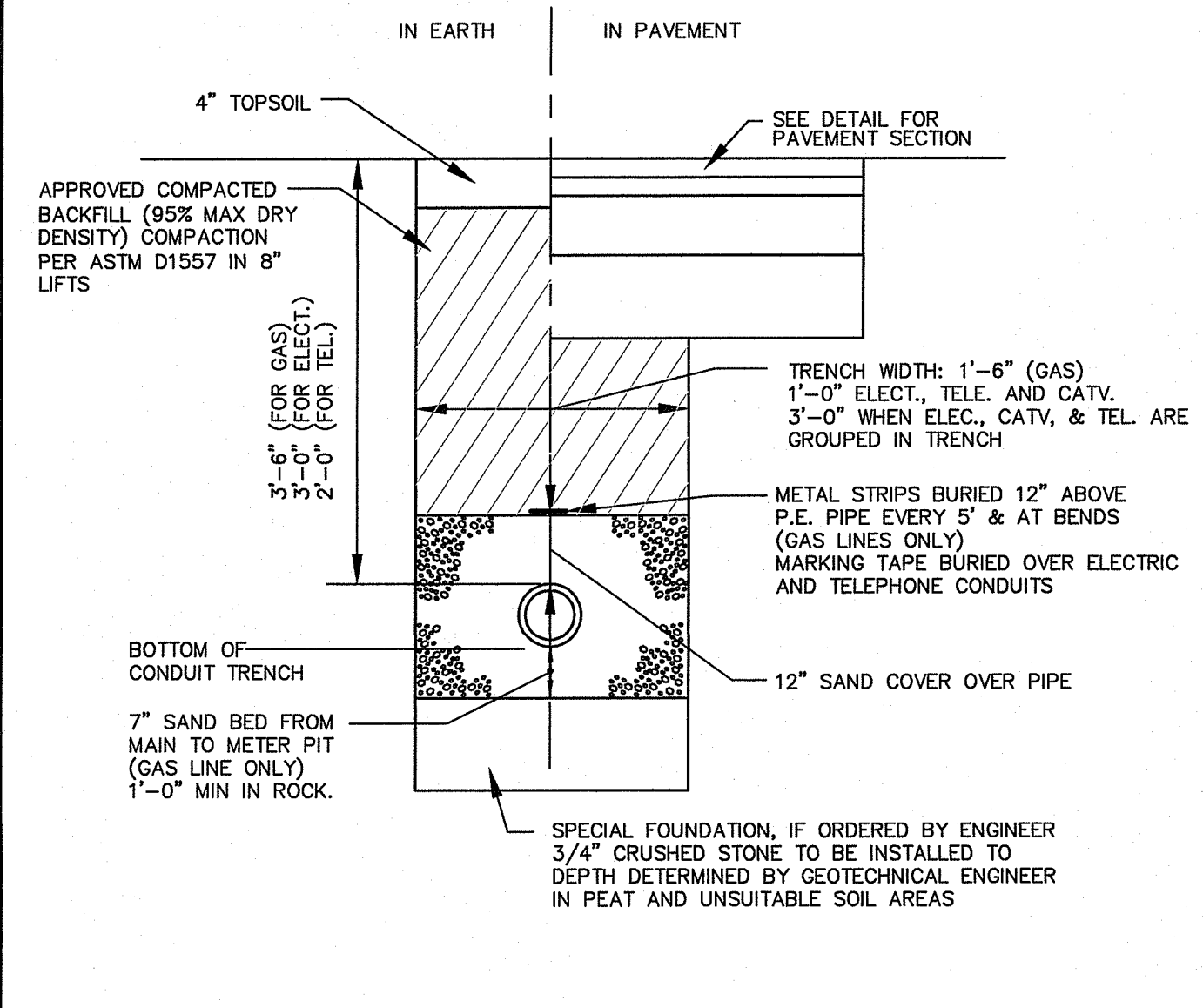
Designed	A.J.T.
Drawn	A.J.T.
Reviewed	S.M.K.
Scale	NONE
Project No.	18C6704
Date	03/12/19
CAD File:	DN18C670401

DETAILS SHEET

Sheet No.

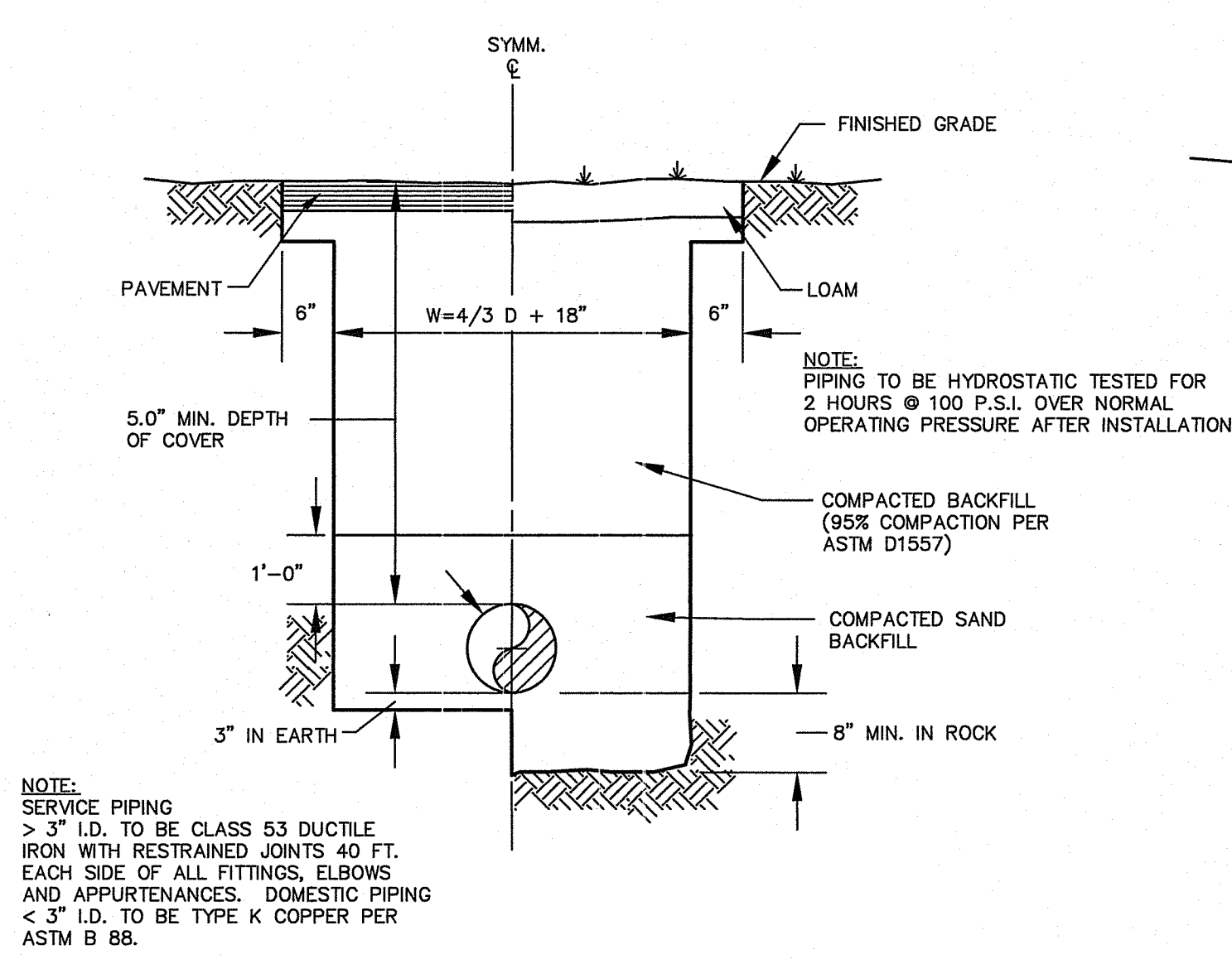
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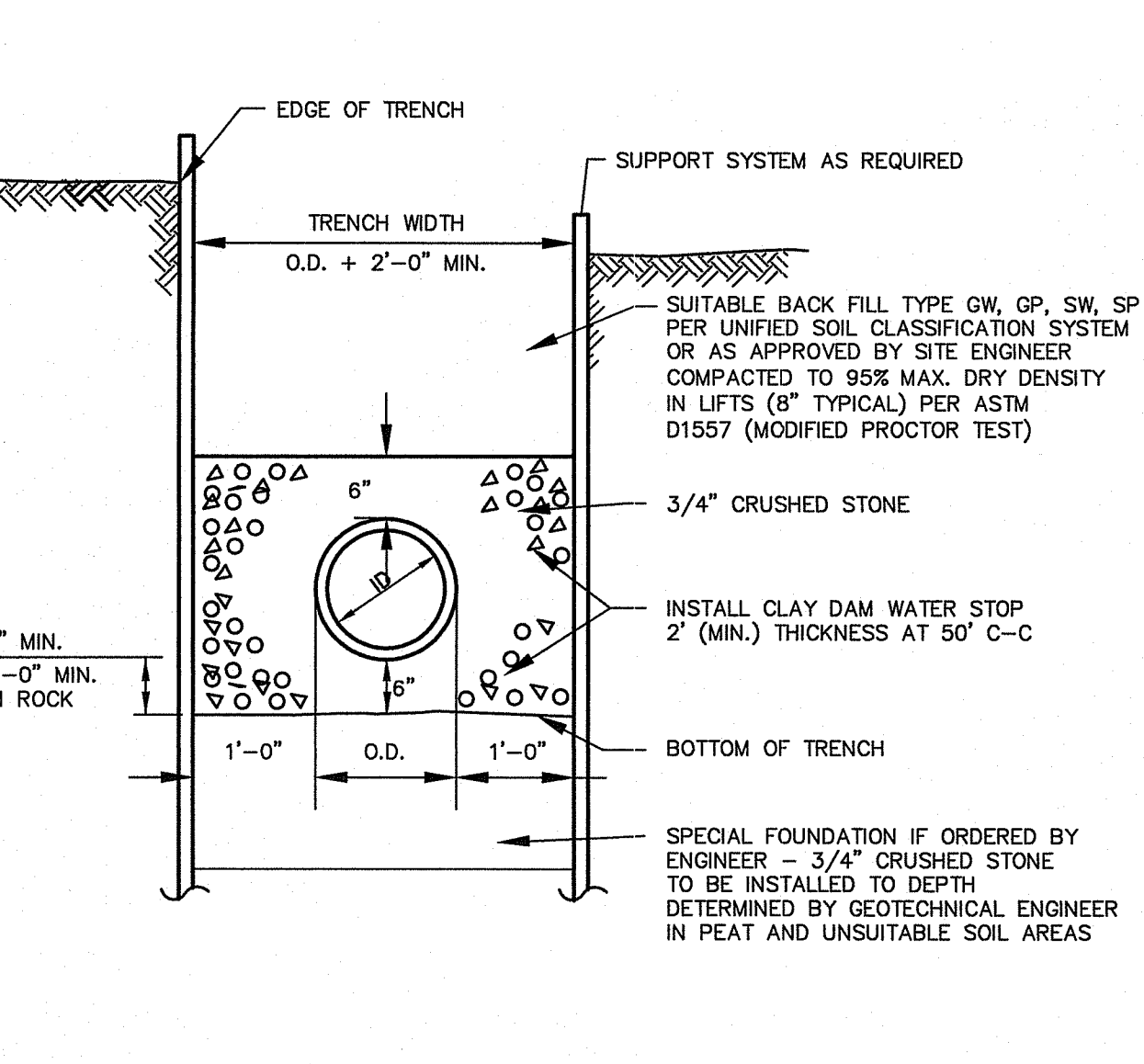
ELECTRICAL, TELEPHONE
AND GAS TRENCH DETAIL

N.T.S. BLUD-001



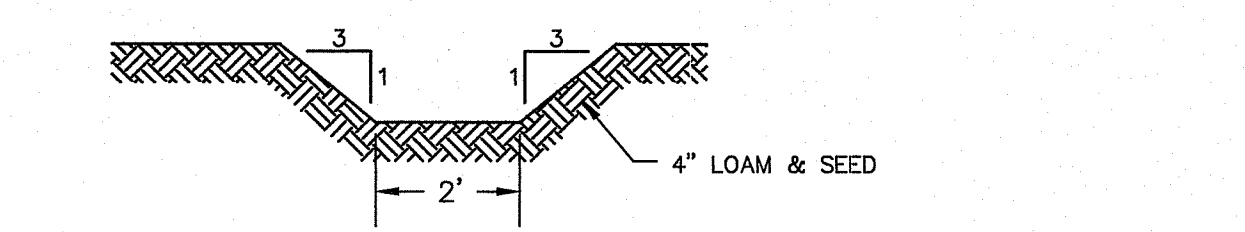
TYPICAL WATER MAIN AND
SERVICE TRENCH DETAIL

N.T.S. BLWD-005



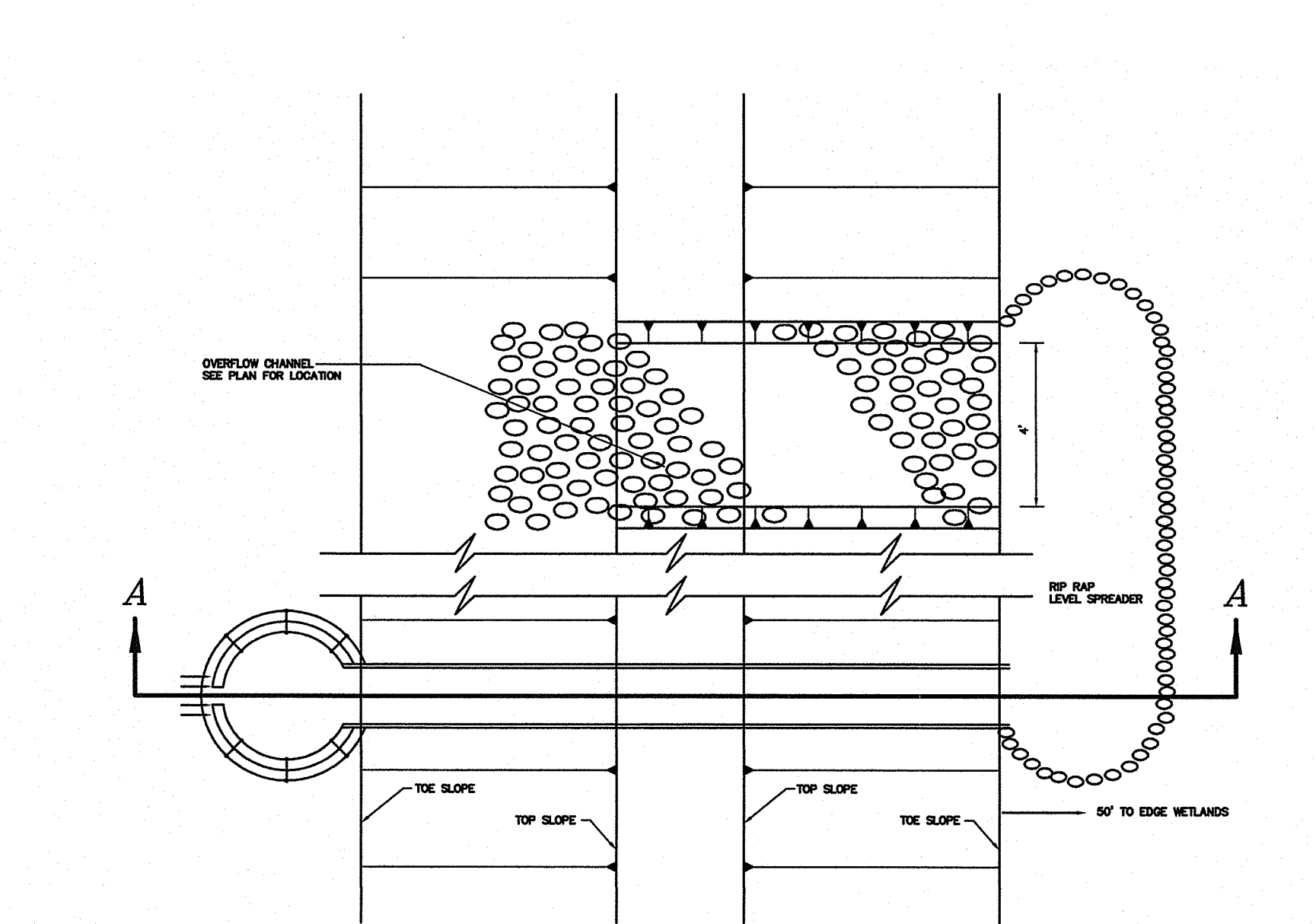
TYPICAL SANITARY SEWER
TRENCH SECTION

N.T.S. BLSS-010



GRASS SWALE

N.T.S.

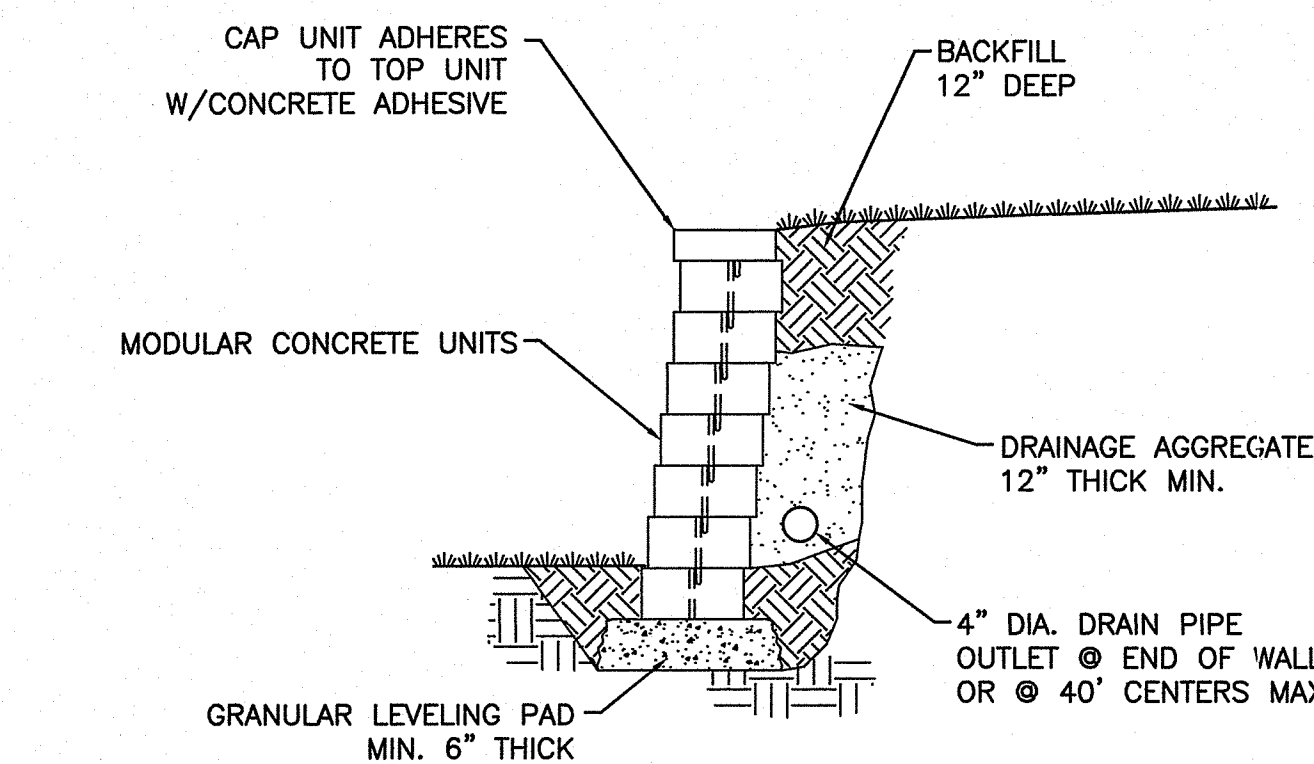


SECTION A-A

SCALE: NTS

DETECTION BASIN BERM/OUTLET

N.T.S. DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
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Nancy Freeman



GENERAL NOTES

- STRIP ALL VEGETATION AND ORGANIC SOIL FROM THE WALL AND GRID ALIGNMENT.
- DO NOT OVER EXCAVATE UNLESS DIRECTED BY SITE SOIL ENGINEER TO REMOVE UNSUITABLE SOIL.
- SITE SOIL ENGINEER SHALL VERIFY FOUNDATION SOILS AS BEING COMPETENT PER THE DESIGN STANDARDS AND PARAMETERS.
- LEVELING PAD SHALL CONSIST OF 3/4" FOUNDATION STONE, MINIMUM 6" THICK, OR 3,000 PSI CONCRETE. CONTRACTOR MAY OPT FOR A CONCRETE FOOTING. CONCRETE FOOTING SHALL BE UNREINFORCED, DEPTH OF CONCRETE TO BE A MINIMUM THICKNESS OF 6".
- MINIMUM EMBEDMENT OF WALL BELOW FINISH GRADE SHALL BE 8" FOR HEIGHTS BELOW 4'.
- FOLLOW APPLICABLE PROVISIONS OF THE MANUFACTURERS INSTALLATION INSTRUCTIONS AND WRITTEN SPECIFICATIONS.
- WHERE DRAIN PIPE IS USED, PROVIDE OUTLETS AS SHOWN ON WALL ELEVATIONS.
- COMPACTION TESTS SHALL BE TAKEN AS THE WALL IS INSTALLED. THE MINIMUM NUMBER OF TESTS SHALL BE DETERMINED BY THE SITE SOILS ENGINEER, OR AS INDICATED IN THE SPECIFICATION.
- COMPACTION SHALL BE 95% OF MAXIMUM DRY DENSITY PER ASTM D-1557.
- PROVIDE LATERAL DRAINAGE SWALES TO DIRECT FLOWS AROUND THE ENDS OF THE WALL.
- ESTABLISH TURF AS SOON AS THE WALL IS COMPLETED.
- FINAL WALL ALIGNMENT SHALL BE LOCATED IN THE FIELD.
- BACK FILL REQUIREMENTS FOR THE SEGMENTAL CONCRETE RETAINING WALL SHALL CONFORM TO THE FOLLOWING SPECIFICATIONS:

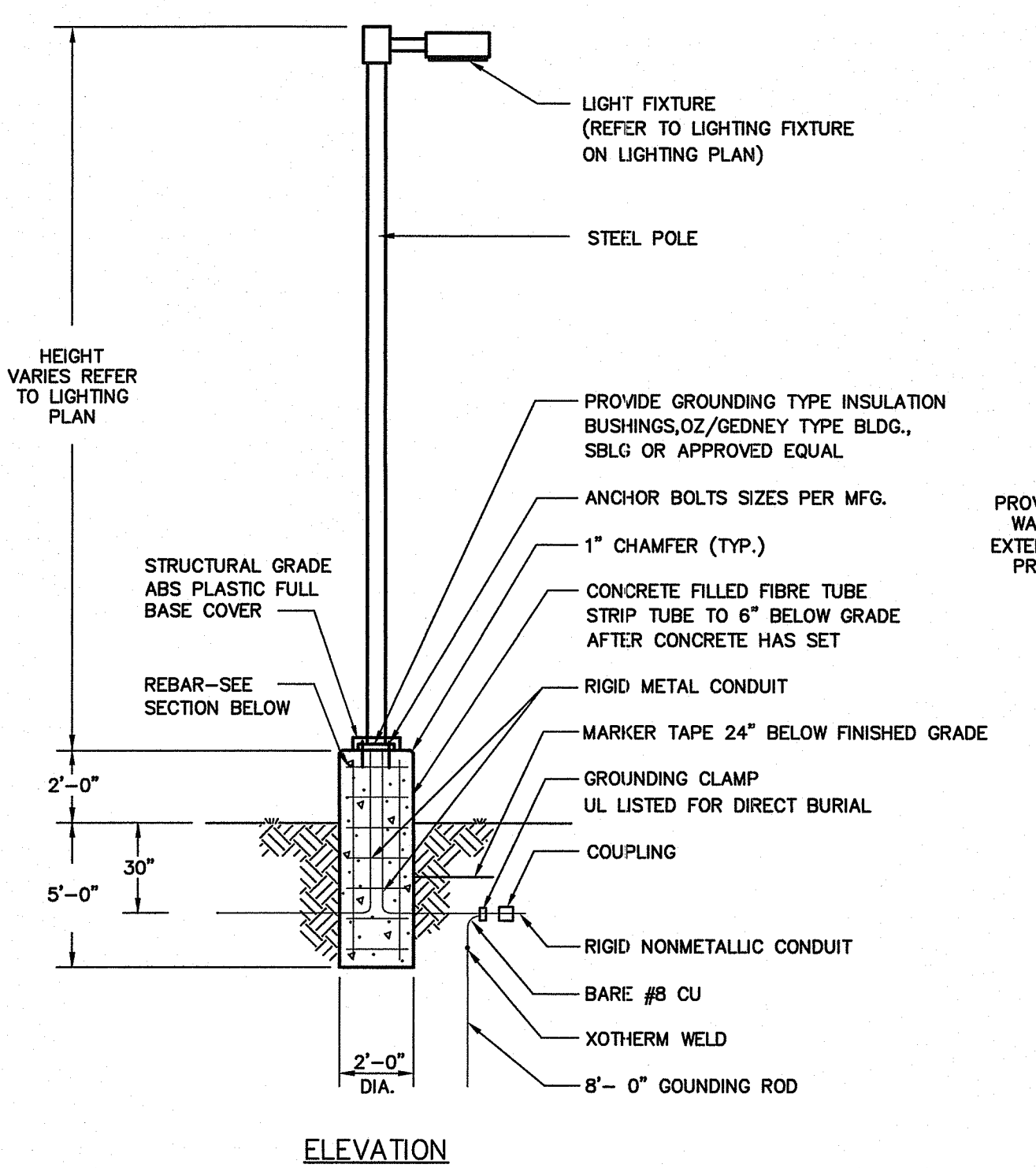
SIZE	PERCENT PASSING REINFORCED BACK FILL
2 INCH	100
NO. 4	40-85
NO. 10	25-75
NO. 40	15-50
NO. 100	10-40
NO. 200	4-12

PLASTICITY INDEX (PI) LESS THAN OR EQUAL TO 10 AND A LIQUID LIMIT LESS THAN OR EQUAL TO 40. REINFORCED BACK FILL SHALL BE PLACED AND COMPACTED IN LIFTS NOT EXCEEDING 10 INCHES. REINFORCED BACK FILL SHALL BE COMPACTED TO 95 PERCENT OF THE MAXIMUM DENSITY AS DETERMINED BY ASTM-1557. THE MOISTURE CONTENT OF THE BACK FILL MATERIAL PRIOR TO AND DURING COMPACTION SHALL BE WITHIN 2 PERCENTAGE POINTS OF DRY OPTIMUM.

IF CONDITIONS ARE DIFFERENT THAN THOSE STATED IN THESE DRAWINGS AND SPECIFICATIONS, THE CONTRACTOR MUST CONTACT THE ENGINEER PRIOR TO PROCEEDING WITH THE CONSTRUCTION OF THE WALL.

TYPICAL 3' (MAXIMUM) RETAINING WALL SECTION

N.T.S.



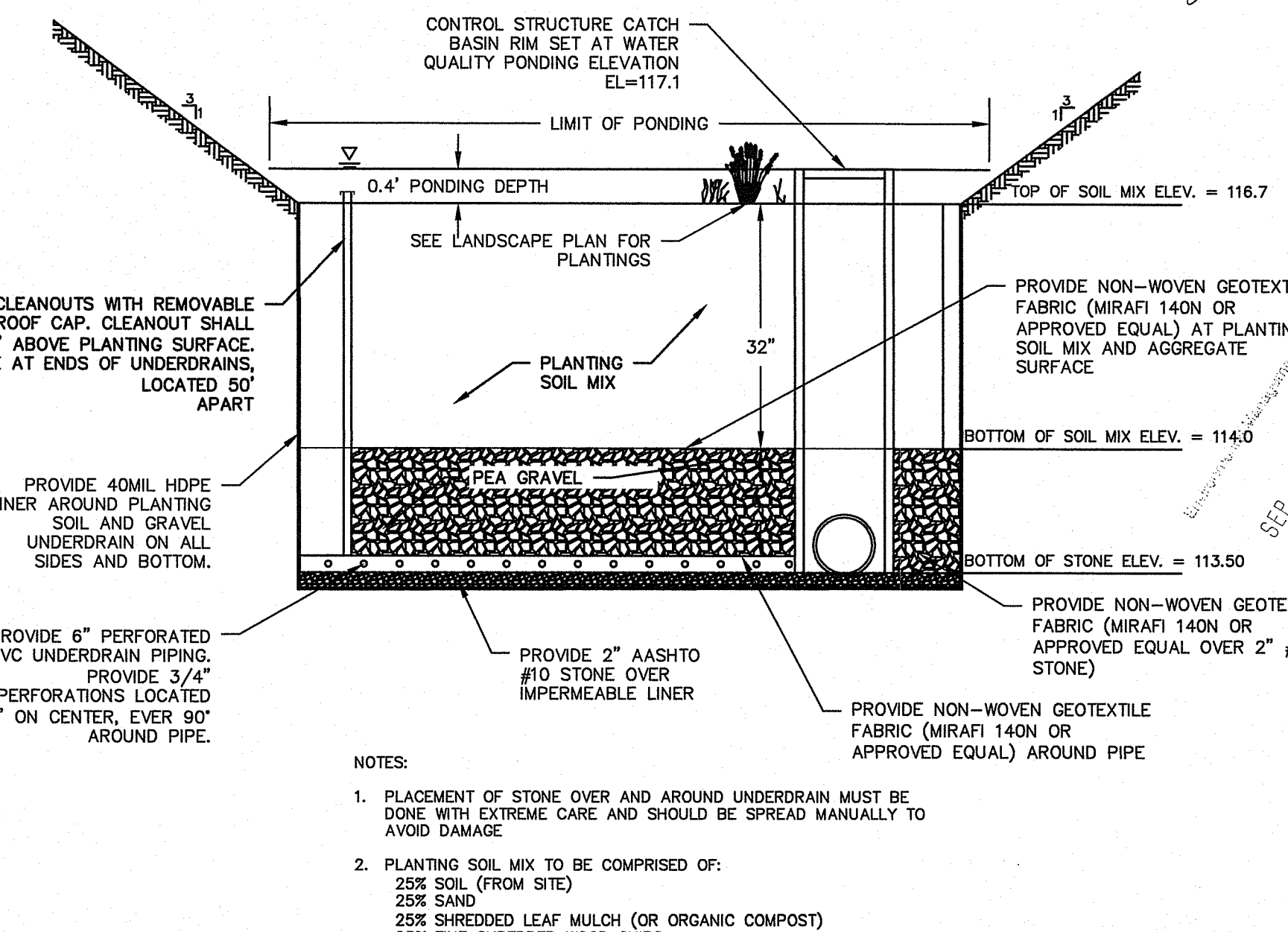
ELEVATION

SECTION

NOTE: LIGHT POLE AND BASE TO CONFORM TO ALL SOUTH KINGSTOWN REGULATIONS AND SPECIFICATIONS AND RI BUILDING CODE STANDARDS AND REGULATIONS. LIGHT POLE AND BASE TO BE DESIGNED BY CONTRACTOR'S OR LIGHTING SUPPLIER'S LICENSED RI PROFESSIONAL ENGINEER.

LIGHT POLE AND BASE

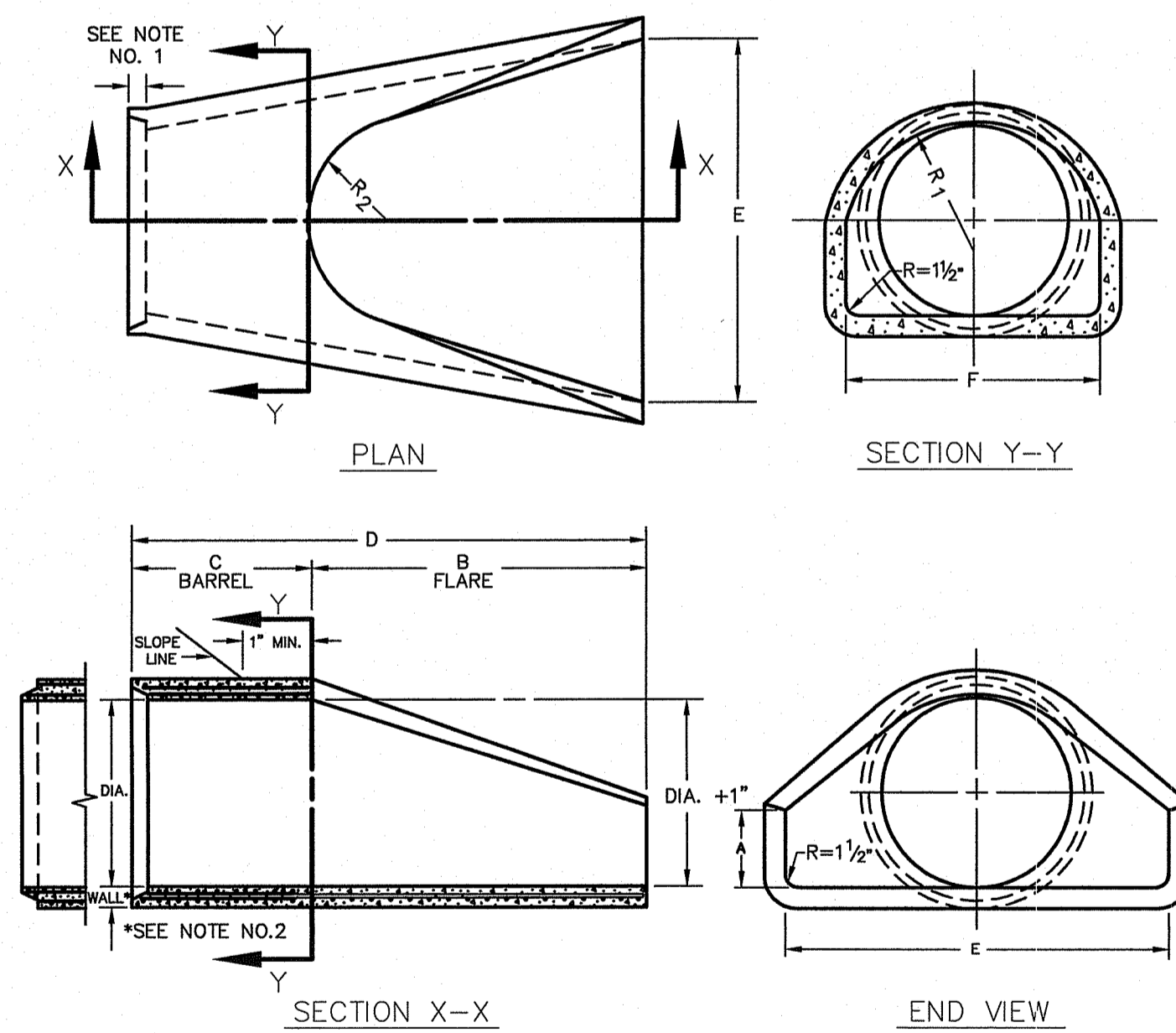
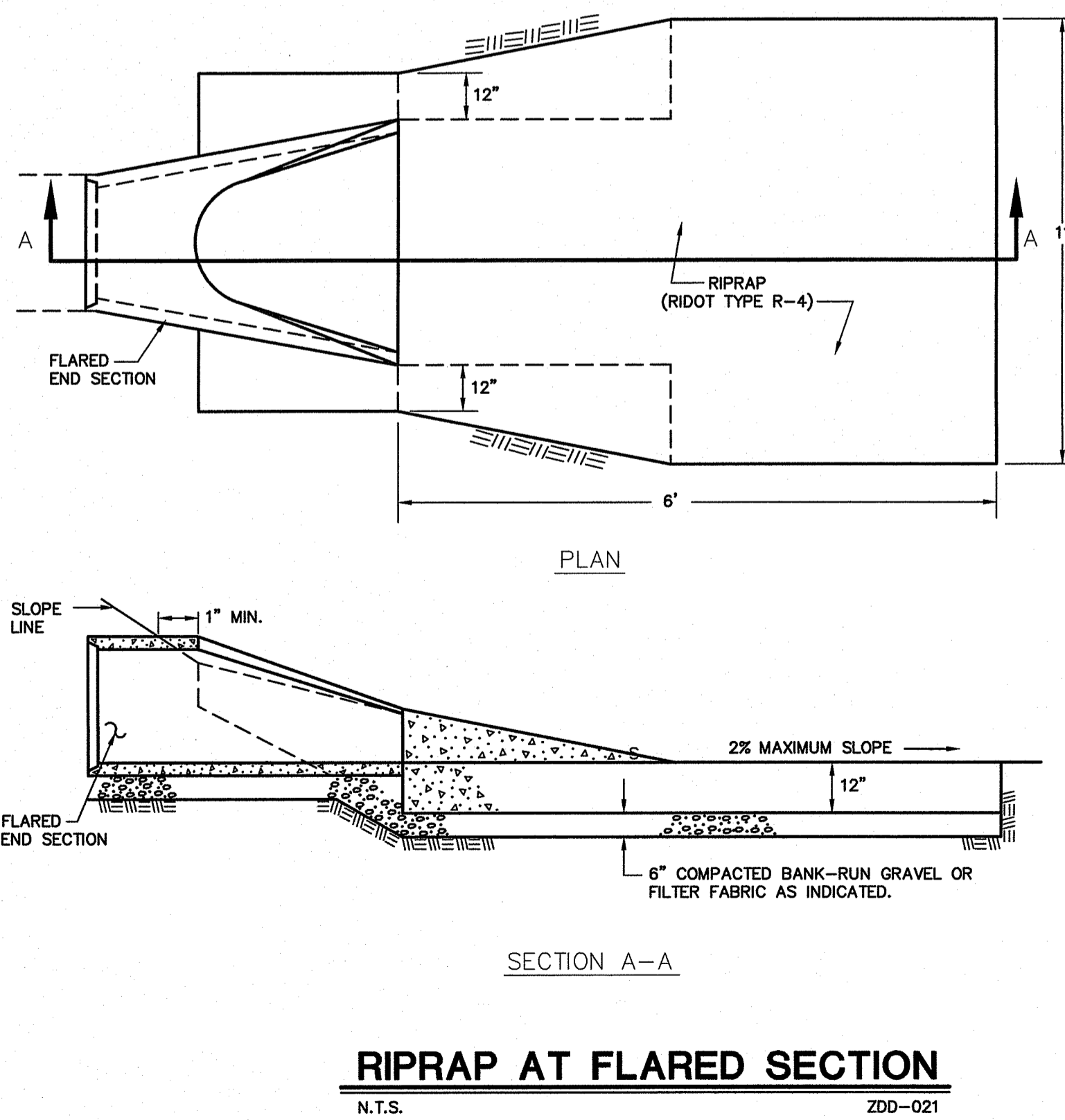
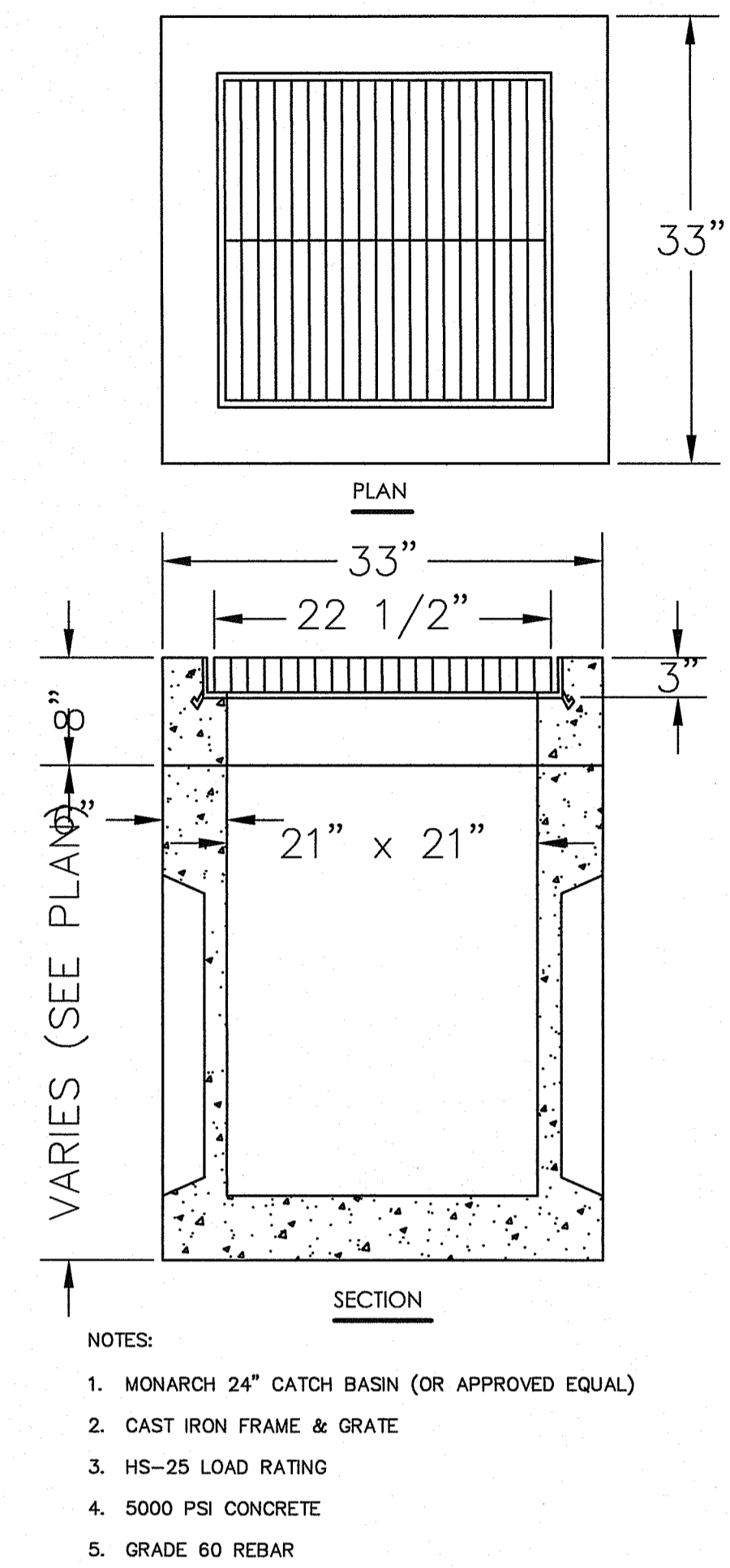
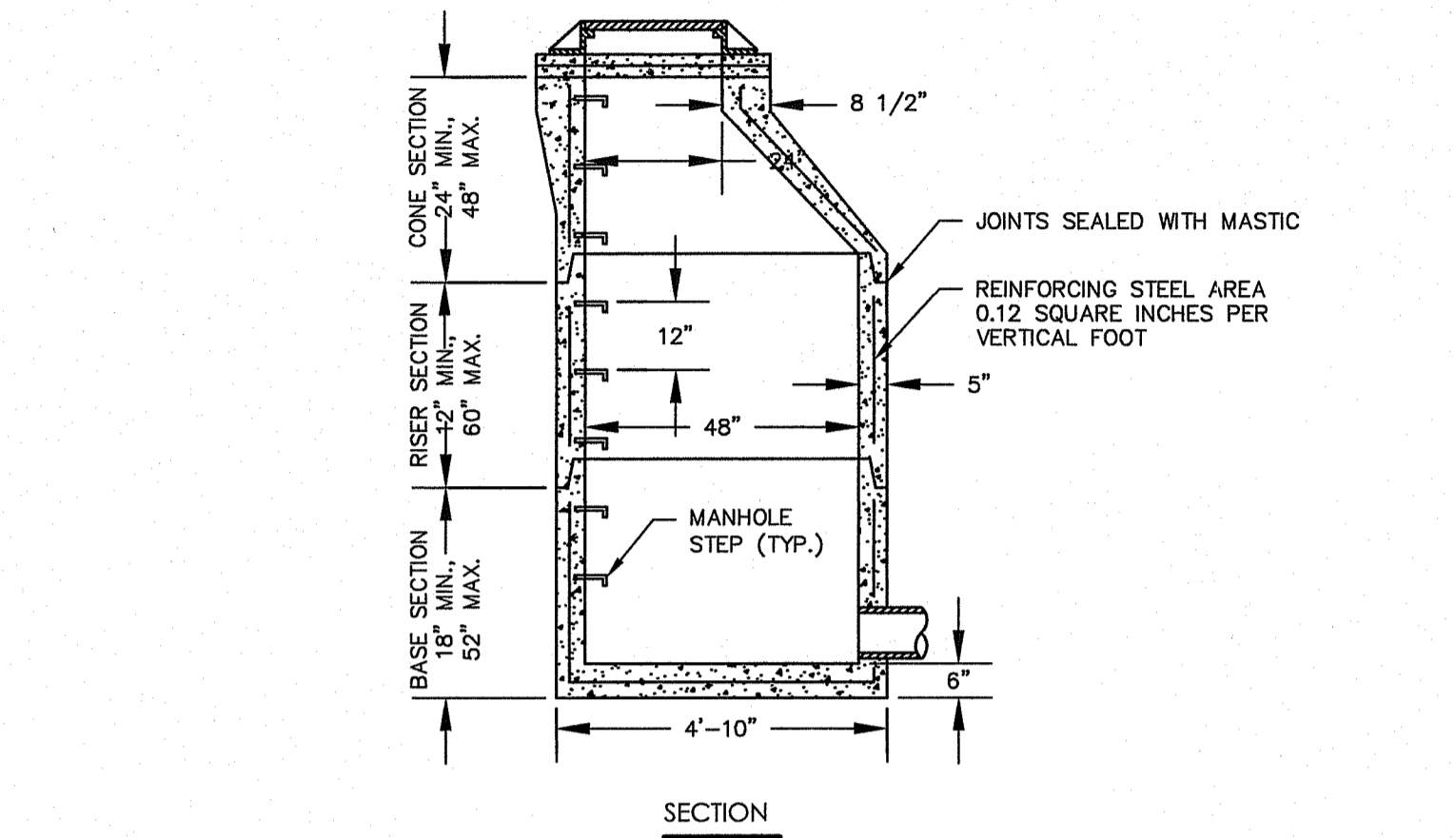
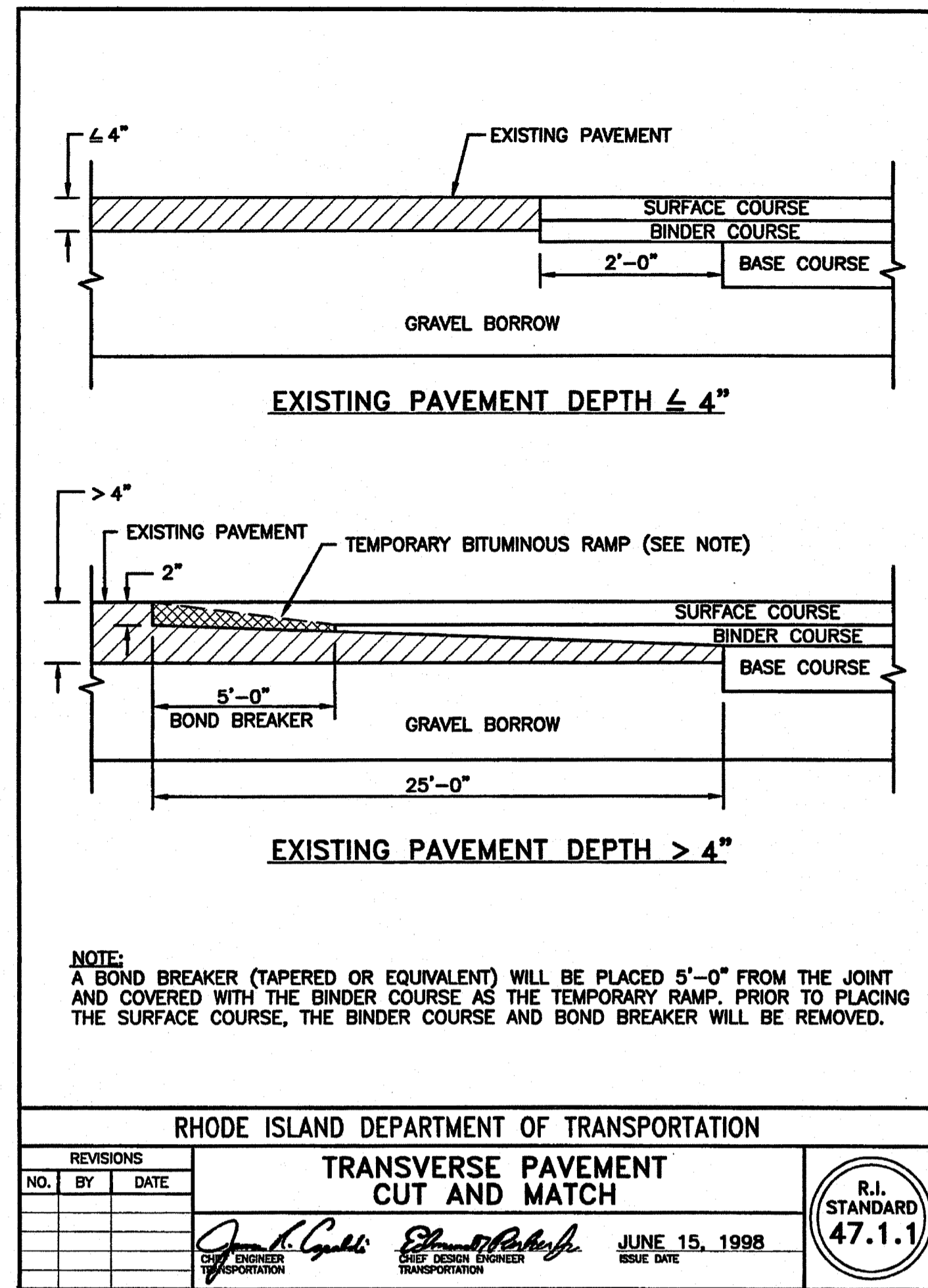
N.T.S. ZLE-002



BIORETENTION BASIN CROSS SECTION

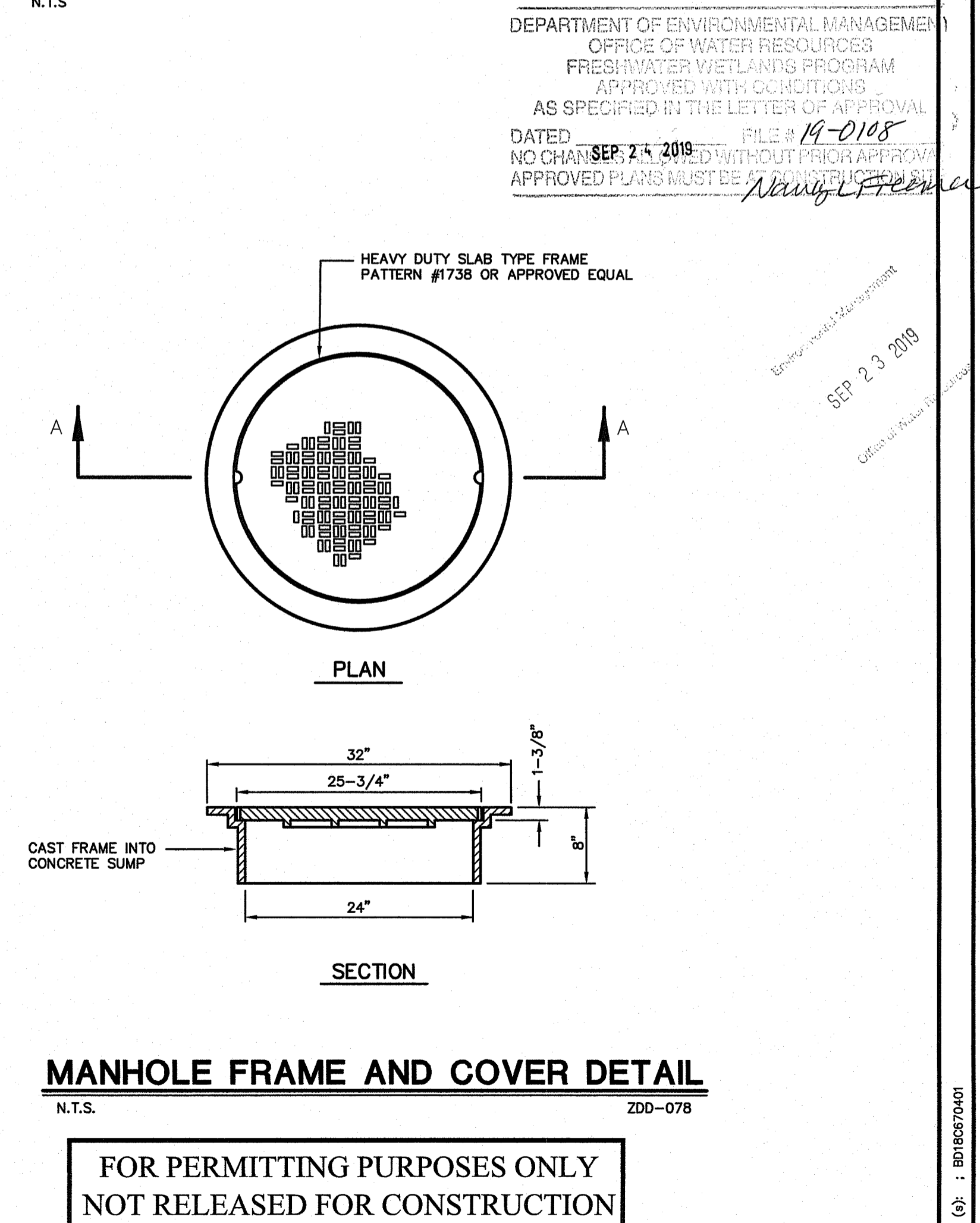
N.T.S.

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NOTES:
1. JOINT SHALL BE TONGUE AND GROOVE OR BELL AND SPIGOT AS REQUIRED TO CONFORM TO PIPE INSTALLED.
2. WALL THICKNESS SHALL CONFORM TO PIPE THICKNESS.

DIA.	DIMENSIONS FOR REINFORCED CONCRETE CULVERT END						FLARE REINFORCEMENT	
	A	B	C	D	E	F	R ₁	R ₂
12"	4"	2'-0"	8'-0"	8'-0"	2'-0"	3'-0"	10'-0"	8"
15"	4"	2'-3"	8'-10"	8'-1"	2'-0"	2'-0"	11'-0"	11"
18"	4"	2'-3"	9'-10"	8'-1"	3'-0"	2'-5"	11'-3/4"	1'-0"
21"	4"	2'-11"	10'-8"	8'-1"	3'-0"	2'-7/4"	11'-4"	1'-1"
24"	4"	3'-2"	11'-8"	8'-1"	4'-0"	2'-2"	11'-4"	1'-2"
30"	1'-0"	4'-8"	11'-7/4"	8'-1/4"	5'-0"	3'-1"	11'-8/2"	1'-3"
36"	1'-3"	5'-3"	12'-10"	8'-1/4"	6'-0"	3'-11/4"	12'-0"	1'-8"
42"	1'-9"	5'-3"	12'-11"	8'-2"	6'-6"	4'-3/4"	12'-3/4"	1'-10"
48"	2'-0"	5'-0"	12'-2"	8'-2"	7'-0"	4'-8/4"	12'-4/2"	1'-10"
54"	2'-3"	5'-8"	12'-11"	8'-4"	7'-6"	5'-3/4"	12'-8/2"	2'-0"
60"	2'-8"	5'-0"	13'-3"	8'-3"	8'-0"	6'-0"	13'-0"	2'-0"



DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
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Nancy L. Freeman

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10		

Designed A.J.T.
Drawn A.J.T.
Reviewed S.M.K.
Scale NONE
Project No. 1806704
Date 03/12/19

CAD File: DNI180670401

Title
DETAILS SHEET

Sheet No.

DN-4

DRAWING NO. WW-1 D-5
TOWN OF SOUTH KINGSTOWN WASTEWATER DEPT. SPECIFICATIONS FOR SEWER CONTRACTS
SCALE: 1/2" = 1'-0" DATE: FEB 1978 DRN: PJE APPR: [Signature]

PLAN FLAT TOP SECTION
REINFORCING FOR HIGHWAY TRAFFIC LOADS
NOTE: FOR USE WHERE SHALLOW INSTALLATION DOES NOT PERMIT USE OF A CONE-TYPE OR WHERE DIRECTED

SECTION MANHOLE DETAILS
STANDARD C.I. MANHOLE FRAME & COVER
FINISH GRADE
MORTAR GROUT
ADJUST TO GRADE WITH COURSES OF BRICK, MAX. 12"
PRECAST CONCRETE MANHOLE FLAT SLAB TOP M.K. THICKNESS TO BE 4"
ALUMINUM M.H. STEP OF STEEL REINFORCED PLASTIC
PRECAST CONCRETE M.H. RISER 1, 2, 3, OR 4' HIGH SECTION 4'-0" I.D.

DRAWING NO. WW-1 D-4
TOWN OF SOUTH KINGSTOWN WASTEWATER DEPT. SPECIFICATIONS FOR SEWER CONTRACTS
SCALE: AS NOTED DATE: [Blank] DRN: [Blank] APPR: [Blank]

MANHOLE COVER & FRAME DETAIL (not to scale)
PLAN: GAS 1" DIA. HOLE, PICK HOLE NO. 2
SECTION: CAST IRON MANHOLE FRAME & COVER (32" x 30")
NOTE: CONTRACTOR SHALL SUBMIT SHOP DRAWINGS OF FRAME & COVER SHOWING CASTINGS FOR APPROVAL

MANHOLE STEP DETAIL (not to scale)
SECTION: 1. ALL MANHOLES SHALL HAVE CAST IRON MANHOLE FRAME AND COVER AS INDICATED. COVER SHALL HAVE THE WORD "SEWER" CAST ON THE TOP. GRAY IRON CASTING A.A.S. I.D. 1105-45, CLASS 30, AMENDED TO DATE. FRAME & COVER SHALL BE LEBARON LC328 OR APPROVED EQUAL.
2. ALL PRECAST CONCRETE MANHOLES AND COMES SHALL BE EQUIPPED WITH ALUMINUM OR STEEL REINFORCED PLASTIC MANHOLE STEPS AS SHOWN

MANHOLE DETAILS
SECTION: SOLID FORGED ALUMINUM ALLOY 6061 SAFETY TYPE DROP FRONT DESIGN ON STEEL REINFORCED PLASTIC

DRAWING NO. WW-1 D-3
TOWN OF SOUTH KINGSTOWN WASTEWATER DEPT. SPECIFICATIONS FOR SEWER CONTRACTS
SCALE: AS NOTED DATE: [Blank] DRN: [Blank] APPR: [Blank]

BRICK INVERT DETAIL
PLAN VIEW: CAST IN PLACE NEOPRENE RUBBER BOOT, BRICK INVERT TABLE, FLOW, DISCHARGE POINT "A" SHALL BE 1/2" LOWER IN ELEVATION THAN POINTS "B"

SECTION
UNDISTURBED SOIL, 3/4" COMPACTED CRUSHED STONE, PLUGGED LIFTING HOLES, 2 1/2" BASE, 12" UNDISTURBED SOIL

DRAWING NO. WW-1 D-1
TOWN OF SOUTH KINGSTOWN WASTEWATER DEPT. SPECIFICATIONS FOR SEWER CONTRACTS
SCALE: NO SCALE DATE: [Blank] DRN: [Blank] APPR: [Blank]

TYPICAL TRENCH DETAIL
TRACER TAPE "SEWER LINE BURIED BELOW", MATERIAL PER 4.6.4, BALANCE OF TRENCH BACKFILL, 24" MIN., 12" MIN., 6" MIN., 3/4" CRUSHED STONE, ELEV. VIEW

DRAWING NO. WW-1 D-2
TOWN OF SOUTH KINGSTOWN, RHODE ISLAND WASTEWATER DIVISION STANDARD HOUSE CONNECTION DETAIL
SCALE: N/T/S DATE: 04/13 DRN: PJE APPR: [Signature]

PLAN
45° BEND, 6" LATERAL, 6" PVC PIPE SDR 35, 6" TEE WYE, FINISH GRADE, PROPERTY LINE, TOP SECTION OF GATE VALVE BOX WITH SEWER MARKED ON LID, GENERAL FOUNDRIES INC. NO. 1105 1/2 CAST IRON FRAME & GRATE OR APPROVED EQUAL, 8" MPT PLUGS, 6" FTY ADAPTER, 4" END CLEANOUT CRUSHED STONE BEDDING, CHECK VALVE ASSEMBLY, 8" OUTER RISER, 45° BEND, 1/2" SELECT MATERIAL, 1/2" SELECT MATERIAL, MIN SLOPE 0.0167/ft., 6" TEE WYE, 6" PVC OR PVC REINFORCED COUPLING SDR 35 PVC TO 4" SDR 40 PVC, MINIMUM 6" LAYER 3/4" CRUSHED STONE BEDDING, 6" X 6" RECTOSEAL CLEAN CHECK BACKWATER CHECK VALVE ASSEMBLY OR APPROVED EQUAL

SECTION
NOTE: DRESSER COUPLING OR "HY-MAX" TRANSITION COUPLING REQUIRED FOR NON-PVC TRANSITIONS

DRAWING NO. WW-1 D-6
TOWN OF SOUTH KINGSTOWN WASTEWATER DEPT. SPECIFICATIONS FOR SEWER CONTRACTS
SCALE: 1/2" = 1'-0" DATE: FEB 1978 DRN: PJE APPR: [Signature]

BEND DETAIL
PLUG DETAIL
TEE DETAIL
WYE DETAIL

TABLE OF CONCRETE THRUST RESTRAINT MINIMUM BEARING AREAS IN SQUARE FEET AGAINST UNDISTURBED MATERIAL FOR WATER MAIN FITTINGS

SIZE OF MAIN	90° BENDS	45° BENDS AND TEES	22-1/2" BENDS	11-1/4" BENDS	PLUGS AND CAPS
6", 8"	5	3	2	2	5
10", 12"	12	6	3	2	12
16"	20	10	5	3	20
20"	36	18	9	6	36

CONCRETE THRUST RESTRAINT FOR FITTINGS
N.T.S.

TABLE OF TIE RODS

PIPE SIZE	TIE ROD NO. DIA.
6"	2 1/2"
8"	2 5/8"
10"	2 3/4"
12"	4 3/4"
16"	6 3/4"
20"	10 3/4"

JOINT RESTRAINT DETAIL
N.T.S.

NUMBER OF TIE RODS AND DIAMETER AS SHOWN IN TABLE
TIE BOLTS SHALL HAVE THREADS OF ADEQUATE LENGTH TO ALLOW NUTS ON BOTH SIDES OF GLAND
2 NUTS PER BOLT
TIE BOLTS (SAME DIAM. AS TIE RODS)

DRAWING NO. WW-1 D-6
TOWN OF SOUTH KINGSTOWN WASTEWATER DEPT. SPECIFICATIONS FOR SEWER CONTRACTS
SCALE: 1/2" = 1'-0" DATE: FEB 1978 DRN: PJE APPR: [Signature]

REINFORCED CONCRETE BASE SECTION
FINISH GRADE, STANDARD CAST IRON M.H. FRAME & COVER, 4'-0" DIA., BITUMINOUS COATING ALL SIDES INCLUDING BOTTOM, 4'-0" L.D., REINFORCED PRECAST CONCRETE M.H. RISER, 6" MIN. 3/4" COMPACTED CRUSHED STONE, REINFORCED PRECAST CONCRETE BASE SECTION, SEAL LIFTING HOLES WATER-TIGHT WITH EXPANDING MORTAR OR EQUAL, TABLE PITCHED TOWARD INVERT, 6" MIN. 3/4" COMPACTED CRUSHED STONE, 8" FOR M.H. DEPTH UP TO 12" 12" FOR M.H. DEPTH OVER 12", BRICK MASONRY TABLE & INVERT, UNDISTURBED SOIL

DRAWING NO. WW-1 D-2
TOWN OF SOUTH KINGSTOWN, RHODE ISLAND WASTEWATER DIVISION STANDARD HOUSE CONNECTION DETAIL
SCALE: N/T/S DATE: 04/13 DRN: PJE APPR: [Signature]

PLAN
45° BEND, 6" LATERAL, 6" PVC PIPE SDR 35, 6" TEE WYE, FINISH GRADE, PROPERTY LINE, TOP SECTION OF GATE VALVE BOX WITH SEWER MARKED ON LID, GENERAL FOUNDRIES INC. NO. 1105 1/2 CAST IRON FRAME & GRATE OR APPROVED EQUAL, 8" MPT PLUGS, 6" FTY ADAPTER, 4" END CLEANOUT CRUSHED STONE BEDDING, CHECK VALVE ASSEMBLY, 8" OUTER RISER, 45° BEND, 1/2" SELECT MATERIAL, 1/2" SELECT MATERIAL, MIN SLOPE 0.0167/ft., 6" TEE WYE, 6" PVC OR PVC REINFORCED COUPLING SDR 35 PVC TO 4" SDR 40 PVC, MINIMUM 6" LAYER 3/4" CRUSHED STONE BEDDING, 6" X 6" RECTOSEAL CLEAN CHECK BACKWATER CHECK VALVE ASSEMBLY OR APPROVED EQUAL

SECTION
NOTE: DRESSER COUPLING OR "HY-MAX" TRANSITION COUPLING REQUIRED FOR NON-PVC TRANSITIONS

DRAWING NO. WW-1 D-2
TOWN OF SOUTH KINGSTOWN, RHODE ISLAND WASTEWATER DIVISION STANDARD HOUSE CONNECTION DETAIL
SCALE: NOT TO SCALE DATE: [Blank] DRN: [Blank] APPR: [Blank]

WATER SERVICE DETAIL
N.T.S.
COVER, SURFACE RESTORATION (SEE SPECIFICATION), FLANGE, ADJUSTABLE SLIDING CURB BOX, CURB STOP, CAP AT PROPERTY LINE WHERE DIRECTED BY THE TOWN, GROUT, FOUNDATION, 3/4" PLASTIC TUBING (CTS) CLASS 160 PSI, 4'-6" MIN., 30" TO 45", SADDLE, FLAT STONE OR CONCRETE BLOCK

LEGEND

PATTERN	DESCRIPTION
	SOD (REFER TO SEED MIXES ON SHEET LL-2)
	RESTORATION GRASS SEED MIX (REFER TO SEED MIXES ON SHEET LL-2)
	DETENTION BASIN RESTORATION SEED MIX (REFER TO SEED MIXES ON SHEET LL-2)

LANDSCAPE PLANT SCHEDULE

TREES						
KEY	QTY	BOTANICAL NAME	COMMON NAME	ROOT	SIZE	COMMENTS
AR	2	Acer rubrum 'Frankford'	Red Sunset Red Maple	B&B	1.5"-2" CAL.	6' MIN. BRANCH HT.
IOF	6	Ilex opaca 'Jersey Princess'	Jersey Princess American Holly	B&B	6'-7' HT.	Female
IOM	2	Ilex opaca 'Jersey Knight'	Jersey Knight American Holly	B&B	6'-7' HT.	Male
CF	5	Cornus florida 'Appalachian Spring'	White Flowering Dogwood	B&B	1.5"-2" CAL.	6' MIN. BRANCH HT.
JV	14	Juniperus virginiana	Eastern Red Cedar	B&B	6'-7' HT.	PLANT 6" O.C.
NS	2	Nyssa sylvatica	Black Gum	B&B	1.5"-2" CAL.	
PS	12	Pinus strobus	White Pine	B&B	6'-7' HT.	PLANT 7" O.C.
QB	2	Quercus bicolor	Swamp White Oak	B&B	1.5"-2" CAL.	6' MIN. BRANCH HT.
SHRUBS						
AZ	10	Rhododendron 'Cunningham's White'	Cunningham's White Azalea	CONT.	48" HT. MIN.	PLANT 4" O.C.
AM	12	Aronia melanocarpa 'UCONNAM165'	Low Scope Mound Chokeberry	CONT.	12" HT. MIN.	
CS	23	Cornus sericea 'Bailey'	Redtwig Dogwood	CONT.	48" HT. MIN.	
IG	42	Ilex glabra 'Compacta'	Inkberry	CONT.	48" HT. MIN.	PLANT 4" O.C.
IVS	1	Ilex verticillata 'Southern Gentleman'	Winterberry (Male)	CONT.	48" HT. MIN.	
IWV	5	Ilex verticillata 'Winter Red'	Winterberry (Female)	CONT.	48" HT. MIN.	
JH	7	Juniperus horizontalis 'Wiltonii'	Creeping Juniper	CONT.	12" HORIZ. SPREAD MIN.	
VN	27	Viburnum nudum	Smooth Witherod Viburnum	CONT.	48" HT. MIN.	

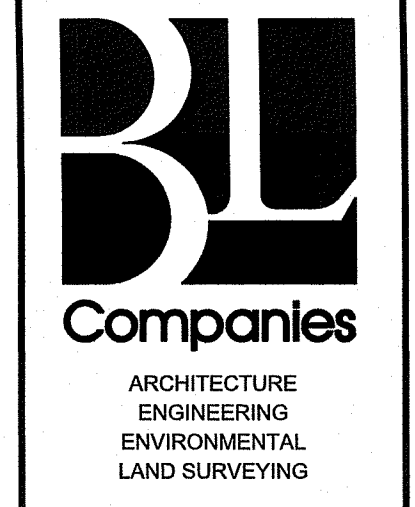
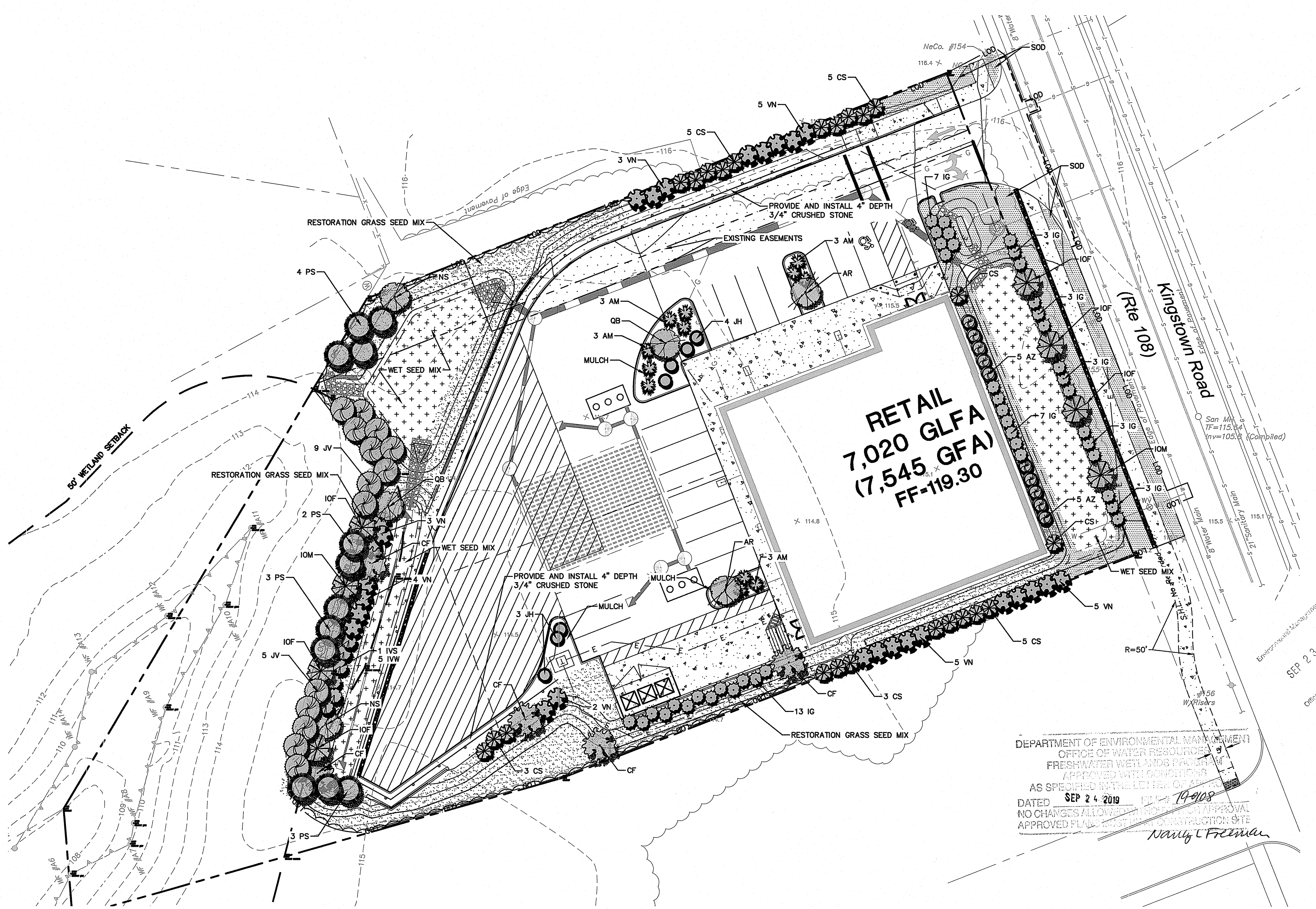
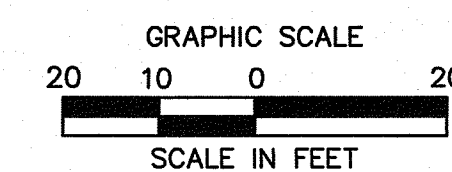
- NOTES:**
- SUBSTITUTIONS (IF NEEDED) MUST RECEIVE APPROVAL FROM THE LANDSCAPE ARCHITECT PRIOR TO DELIVERY TO SITE.
 - PROVIDE AND INSTALL ALL PLANTS SHOWN ON THE PLANTING PLAN DRAWINGS. THE QUANTITIES IN THE PLANT LIST ARE PROVIDED FOR THE CONTRACTOR'S CONVENIENCE ONLY. IF DISCREPANCIES OCCUR, THE LARGER QUANTITY SHALL APPLY.
 - IF THERE IS A DISCREPANCY BETWEEN BOTANICAL AND COMMON NAME, BOTANICAL NAME PREVAILS.

LANDSCAPE ZONING INFORMATION

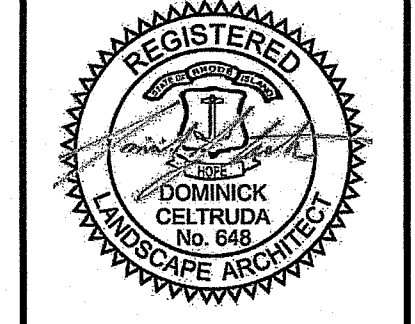
LOCATION: SOUTH KINGSTOWN, RHODE ISLAND				
ZONE: MIXED USE				
USE: RETAIL (PERMITTED USE)				
ITEM #	ITEM	REQUIREMENTS	PROPOSED	VARIANCE
1	STREET TREES (ARTICLE IV.G.1.a & ARTICLE XIII, SECTION 13)	PLANT 30'-50' O.C. AVOID MONOCULTURE 1.5"-2" CAL.	170'+50'=4 TREES	NO
2	EVERGREEN TREES (ARTICLE IV.G.1.b)	SMALL EVERGREEN TREES AND LARGE SHRUBS TO BE 6'-8' HT. MIN.	COMPLIES	NO
3	LOW SHRUBS (ARTICLE IV.G.1.c)	SMALL SHRUBS TO BE 4' HT. MIN.	COMPLIES	NO
4	STREET LANDSCAPING (ARTICLE IV.G.2.a)	PARTIAL LANDSCAPE SCREEN REQUIRED PER FIGURE 1-PARKING LOT LANDSCAPED STRIP	COMPLIES	NO
5	PERIMETER LANDSCAPING -PARKING LOTS (ARTICLE IV.G.3)	10' WIDTH LANDSCAPING STRIP WITH 1 TREE AND 3 SHRUBS/GROUND COVER PLANTS PER 35 LF PERIMETER	300'+35'=9 TREES AND 27 SHRUBS	NO

REFER TO SHEET GN-1 FOR SITEWORK GENERAL NOTES

REFER TO SHEET LL-2 FOR LANDSCAPE NOTES AND DETAILS



100 River Ridge Drive, Suite 105
Norwood, MA 02062
(781) 619-9500



OWNER:
South Shore Mental Health
765 Allens Ave, Suite 100
Providence, RI 02905

APPLICANT:
Garrett Home, LLC
6 William Way
Harwinton, CT 06791

PROPOSED RETAIL
1860 KINGSTOWN ROAD
SOUTH KINGSTOWN, RHODE ISLAND

REVISIONS

No.	Date	Description
1	04/10/19	TRC MEETING COMMENTS
2	04/17/19	SEWER REVISION PER 4/10/19 TRC COMMENTS
3	05/06/19	REVISION PER 4/22/19 TRC COMMENTS
4	05/16/19	REVISION PER 4/22/19 RIDOT REVIEW COMMENTS
5	06/14/19	REVISION PER 6/14/19 RIDOT REVIEW COMMENTS
6	06/25/19	REVISION PER 6/25/19 PLANNING COMMENTS
7	06/28/19	REVISION PER 7/02/19 RIDOT COMMENTS
8	07/19/19	REVISION PER 7/02/19 RIDOT COMMENTS
9	08/27/19	REVISION PER 8/27/19 PLANNING COMMENTS
10	09/20/19	REVISION PER 9/20/19 RIDOT REVIEW COMMENTS

Designed L.M.W.
Drawn L.M.W.
Reviewed D.J.C.
Scale 1"=20'
Project No. 1806704
Date 03/12/19
CAD File: LL180670401

Title
LANDSCAPE PLAN

Sheet No.

LL-1

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LANDSCAPE NOTES

- THE LANDSCAPE PLAN AND DETAIL SHEET ARE FOR LANDSCAPING INFORMATION ONLY. REFER TO THE OTHER PLANS FOR ALL OTHER INFORMATION.
- COORDINATE PLANT MATERIAL LOCATIONS WITH SITE UTILITIES. UTILITY LOCATIONS SHOWN ON THE DRAWINGS ARE APPROXIMATE. EXERCISE CARE WHEN DIGGING IN AREAS OF POTENTIAL CONFLICT WITH UNDERGROUND OR OVERHEAD UTILITIES. THE CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGE DUE TO CONTRACTOR'S NEGLIGENCE AND SHALL REPLACE OR REPAIR ANY DAMAGE AT CONTRACTOR'S EXPENSE. PRIOR TO DIGGING AND INSTALLATION OF PLANT MATERIAL, THE CONTRACTOR SHALL CONTACT 'DIG SAFE' 72 HOURS BEFORE COMMENCEMENT OF WORK AT (888)344-7233 AND VERIFY ALL UTILITY SYSTEM LOCATIONS.
- THE LOCATIONS FOR PLANT MATERIAL ARE APPROXIMATE AND ARE SUBJECT TO FIELD ADJUSTMENT DUE TO UTILITY LOCATIONS AND SITE CONDITIONS. THE CONTRACTOR SHALL ACCURATELY STAKE OUT THE LOCATIONS FOR ALL PLANTS FOR THE REVIEW, ADJUSTMENT, AND APPROVAL BY OWNER OR LANDSCAPE ARCHITECT PRIOR TO PLANTING.
- THE CONTRACTOR SHALL GUARANTEE THAT ALL PLANTS SHALL BE HEALTHY AND FREE OF DISEASE FOR A PERIOD OF ONE YEAR OR JUNE 1ST OF THE YEAR FOLLOWING INSTALLATION, WHICHEVER IS LONGER, AFTER SUBSTANTIAL COMPLETION AND ACCEPTANCE BY OWNER OR LANDSCAPE ARCHITECT. CONTRACTOR SHALL REPLACE ANY DEAD OR UNHEALTHY PLANTS AT CONTRACTOR'S EXPENSE. PLANT MATERIAL REPLACEMENTS SHALL BE GUARANTEED FOR ONE FULL YEAR FROM DATE OF REPLACEMENT. REPLACEMENT PLANTS SHALL BE THE SAME AS SPECIFIED FOR THE ORIGINAL PLANTING. REPLACEMENTS SHALL BE MADE AS MANY TIMES AS NECESSARY TO ENSURE HEALTHY PLANTS. FINAL ACCEPTANCE SHALL BE MADE IF ALL PLANTS MEET THE GUARANTEE REQUIREMENTS INCLUDING MAINTENANCE. MAINTENANCE RESPONSIBILITIES INCLUDE CULTIVATING, SPRAYING, WEEDING, WATERING, TIGHTENING GUTS, PRUNING, FERTILIZING, MULCHING, AND ANY OTHER OPERATIONS NECESSARY TO MAINTAIN PLANT VIABILITY. MAINTENANCE SHALL BEGIN IMMEDIATELY AFTER PLANTING AND CONTINUE UNTIL THE END OF THE GUARANTEE PERIOD.
- THE CONTRACTOR SHALL SUPPLY ALL LABOR, PLANTS, AND MATERIALS IN QUANTITIES SUFFICIENT TO COMPLETE THE WORK SHOWN ON THE DRAWINGS AND LISTED IN THE PLANT SCHEDULE. IN THE EVENT OF A DISCREPANCY BETWEEN QUANTITIES SHOWN IN THE PLANT SCHEDULE AND THOSE REQUIRED BY THE DRAWINGS, THE LARGER SHALL APPLY. ALL PLANTS SHALL BE ACCLIMATED BY THE SUPPLY NURSERY TO THE LOCAL HARDINESS ZONE AND BE CERTIFIED THAT THE PLANTING MATERIAL HAS BEEN GROWN FOR A MINIMUM OF TWO YEARS AT THE SOURCE AND OBTAINED WITHIN 200 MILES OF PROJECT SITE UNLESS OTHERWISE APPROVED BY OWNER OR LANDSCAPE ARCHITECT.
- PLANTS SHALL HAVE TAGS THAT IDENTIFY PLANT GENUS, SPECIES, CULTIVAR (IF APPLICABLE), PLANT COMMON NAME, NAME OF SOURCE NURSERY, AND SIZE OF PLANT FOR REVIEW OF OWNER OR LANDSCAPE ARCHITECT.
- NO PLANT SHALL BE PLACED IN THE GROUND BEFORE ROUGH GRADING HAS BEEN COMPLETED AND APPROVED BY THE OWNER OR LANDSCAPE ARCHITECT. STAKING THE LOCATION OF ALL TREES AND SHRUBS SHALL BE COMPLETED PRIOR TO PLANTING FOR APPROVAL BY THE OWNER OR LANDSCAPE ARCHITECT.
- FINAL GRADES SHALL BLEND SMOOTHLY WITH EXISTING GRADES, AND TOP AND BOTTOM OF SLOPES SHALL BE ROUNDED.
- ALL TREE AND SHRUB MASSINGS SHALL BE MULCHED TO A DEPTH OF 3". ANNUAL AND PERENNIAL BEDS SHALL BE MULCHED TO A DEPTH OF 2". MULCH SHALL BE UNCOLORED TRIPLE-SHREDDED HARDWOOD BARK MULCH, AGED AT LEAST 6 MONTHS.
- IF TREE STAKING IS PROPOSED, TREE STAKING MUST BE COMPLETED THE SAME DAY AS THE TREE IS INSTALLED. ALL TREES SHALL BE STAKED OR GUYED PER DETAIL.
- LANDSCAPE PLANTING AREAS MUST BE FREE DRAINING. PAVEMENT, COMPACTED SUBGRADE, DEAD OR DYING PLANT MATERIAL, BLASTED ROCK, STONES GREATER THAN 1" IN DIAMETER, AND ANY OTHER MATERIAL HARMFUL TO PLANT GROWTH AND DEVELOPMENT SHALL BE REMOVED FROM AREAS TO BE LANDSCAPED AS REQUIRED BY PLANTING DETAILS OR SPECIFICATIONS.
- PLANTING SOIL:

DEPTH: PLANTING SOIL SHALL BE INSTALLED AT A MINIMUM DEPTH OF 4" OR AS NOTED IN THE LANDSCAPE DETAILS. PLANTING SOIL SHALL BE UTILIZED IN ALL PLANTING AREAS INCLUDING SEEDING AREAS.

TESTING: CONTRACTOR SHALL SUBMIT (2) SOIL SAMPLES PER SOIL STOCKPILE TO A CERTIFIED TESTING LABORATORY TO DETERMINE ACIDITY, ORGANIC CONTENT, MECHANICAL ANALYSIS, AVAILABLE NUTRIENTS (N,P,K,Ca,Mg,S,Pb,Mn,Zn,Cu,B,Al,Pb) AND NECESSARY AMENDMENTS TO SOIL. THE CONTRACTOR SHALL SUBMIT THE TEST RESULTS TO THE OWNER OR LANDSCAPE ARCHITECT FOR REVIEW AND APPROVAL. TEST RESULTS SHALL RECOMMEND AMENDMENTS THAT WILL ALTER THE SOIL CHARACTERISTICS SUCH THAT THE CHARACTERISTICS DESCRIBED BELOW ARE ACHIEVED AND THE SPECIFIED PLANTS (CONTRACTOR TO PROVIDE LIST TO TESTING LABORATORY) WILL ACHIEVE PROPER GROWTH THAT IS NEITHER DEFICIENT NOR EXCESSIVE. THE CONTRACTOR SHALL INCORPORATE THESE AMENDMENTS AT NO INCREASE IN CONTRACT PRICE.

CHARACTERISTICS: PLANTING SOIL MAY CONSIST OF EXISTING ON-SITE SOILS, AMENDED ON-SITE SOILS, OR IMPORTED SOILS MEETING THE FOLLOWING CRITERIA:

- NOT TO CONTAIN MATERIALS HARMFUL TO PLANT LIFE, TO BE CLEAN, FERTILE, FRIABLE, AND WELL DRAINING. ALL PLANTING SOIL SHALL BE FREE OF ANY SUBSOIL, EARTH CLODS, SODS, STONES OVER 1" IN ANY DIMENSION, STICKS, ROOTS, WEEDS, LITTER AND OTHER DELETERIOUS MATERIAL. PLANTING SOIL SHALL BE UNIFORM IN QUALITY AND TEXTURE.
- PLANTING SOIL SHALL HAVE THE FOLLOWING OPTIMUM RANGES UNLESS OTHERWISE APPROVED BY THE OWNER OR LANDSCAPE ARCHITECT.

ORGANIC CONTENT	3% - 6% FOR LAWN OR GRASS AREAS. 4% - 6% FOR TREE AND SHRUB PLANTERS. 8% - 16% FOR RETENTION OR DETENTION BASINS.
PH	6.0 - 7.3
- NUTRIENT LEVELS SHALL BE ACHIEVED BY THE CONTRACTOR'S ADDITION OF AMENDMENTS TO THE PLANTING SOIL TO MEET THE OPTIMUM NUTRIENT LEVELS SPECIFIED IN THE TESTING LABORATORY REPORT FOR EACH OF PLANTS TO BE INSTALLED.
- SOIL SHALL BE COMPACTED TO A SURFACE PENETRATION RESISTANCE OF 75-125 LBS/SQ. IN.
- SOIL SHALL BE TREATED FOR WEEDS WITH PRE-EMERGENT HERBICIDE, AS NEEDED AND AS APPROPRIATE FOR THE APPLICATION SEASON OR LOCATION, OR ELIMINATE GROWTH OF UNWANTED PLANT MATERIAL. APPLY HERBICIDES IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS. HERBICIDE APPLICATOR MUST BE LICENSED IN THE STATE OF RHODE ISLAND, AND PERFORM APPLICATIONS IN ACCORDANCE WITH LOCAL REQUIREMENTS, PERMITTING STIPULATIONS, AND ANY OTHER RESTRICTIONS INCLUDING AND IN EXCESS OF STATE AND FEDERAL REGULATIONS.
- PROPOSED TOPSOIL SHALL MEET THE USDA SOILS TEXTURAL PERCENTAGES OF SAND, SILT, AND CLAY FOR FOLLOWING CLASSIFICATIONS:
 - LOAM
 - SANDY LOAM WHERE SAND DOES NOT EXCEED 70% AND CLAY IS NOT LESS THAN 5%
 - SANDY CLAY LOAM WHERE SAND DOES NOT EXCEED 70% AND CLAY IS LESS THAN 28%
- BIORETENTION SOILS: SOIL TO BE INSTALLED IN RETENTION BASINS, PONDS, OR OTHER STORMWATER MANAGEMENT ENVIRONS SHALL MEET THE ABOVE DESCRIBED CHARACTERISTICS AND AS FOLLOWS:
 - SOIL SHALL NOT CONTAIN MORE THAN 20% CLAY AND LESS THAN 40% SILT.
 - SOIL SHALL HAVE AN INFILTRATION RATE BETWEEN 1/2" AND 3" PER HOUR.
- MODIFICATION TO THE PLANTING SOIL CHARACTERISTICS DESCRIBED ABOVE MAY BE SUBMITTED FOR APPROVAL BY THE LANDSCAPE ARCHITECT. CONTRACTOR MUST DEMONSTRATE PROPOSED CHARACTERISTICS ARE EQUAL TO OR SUPERIOR TO THE SPECIFIED CHARACTERISTICS WITH RESPECT TO SUPPORTING PLANT GROWTH, AND STORMWATER MANAGEMENT.

12. PLANTING AMENDMENTS: APPLY FERTILIZER AND OTHER AMENDMENTS AS RECOMMENDED FOR EACH PLANTING AREA BY SOIL ANALYSIS. APPLY AMENDMENTS IN A MANNER CONSISTENT WITH MANUFACTURER'S RECOMMENDATIONS. ANY ORGANIC AMENDMENTS SHALL HAVE A PH BETWEEN 4.5 AND 5.5 UNLESS OTHERWISE RECOMMENDED.

13. PLANT REQUIREMENTS: ALL PLANTS SHALL CONFORM IN SIZE AND GRADE TO THE AMERICAN STANDARD FOR NURSERY STOCK, ANSI Z60.1 (LATEST EDITION). ALL PLANTS SHALL MEET THE ADDITIONAL REQUIREMENTS SET FORTH BELOW AND IN WRITTEN SPECIFICATIONS AS APPLICABLE. ALL TREES AND SHRUBS SHALL HAVE BEEN GROWN AT A COMMERCIAL NURSERY WITHIN 200 MILES OF THE PROJECT SITE UNLESS OTHERWISE APPROVED BY OWNER OR LANDSCAPE ARCHITECT. THEY SHALL BE TYPICAL OF THEIR SPECIES OR VARIETY, THEY SHALL BE HEALTHY, SYMMETRICAL, EVENLY BRANCHED, AND DENSELY FOLIATED WHEN IN LEAF. THEY SHALL BE FREE OF BARK INJURY, DISEASE, AND INSECT PESTS. ALL TREES SHALL HAVE A STRAIGHT TRUNK WITH A SINGLE MAIN LEADER UNLESS OTHERWISE CHARACTERISTIC OF THE SPECIES OR VARIETY. THE OWNER OR LANDSCAPE ARCHITECT WILL ALLOW SUBSTITUTIONS ONLY UPON WRITTEN APPROVAL. SIZES SHALL CONFORM TO THE MEASUREMENT SPECIFIED ON THE DRAWINGS. PLANTS LARGER THAN SPECIFIED MAY BE USED IF APPROVED, BUT THE USE OF SUCH PLANTS SHALL NOT INCREASE THE CONTRACT PRICE. ALL OVERSTORY TREES PLANTED ALONG PARKING AREAS, SIDEWALKS AND PEDESTRIAN ACCESSES SHALL NOT BRANCH BELOW 7' FEET IF THE TREE CALIPER IS 3" INCHES OR GREATER. ALL PLANT MATERIALS ARE SUBJECT TO INSPECTION AND ACCEPTANCE BY THE OWNER OR LANDSCAPE ARCHITECT AT THE NURSERY SOURCE. THE CONTRACTOR SHALL COORDINATE SOURCE VISITS WITH THE LANDSCAPE ARCHITECT AND SHALL ACCOMPANY THE OWNER AND/OR LANDSCAPE ARCHITECT FOR ALL INSPECTIONS. CERTIFICATES OF COMPLIANCE WITH SPECIFICATIONS ARE REQUIRED FOR ALL PLANTS.

14. INSPECTION AND REVIEW: ALL PLANT MATERIAL SHALL BE SUBJECT TO INSPECTION AND ACCEPTANCE BY THE OWNER OR LANDSCAPE ARCHITECT AT THE NURSERY SOURCE OR PLACE OF GROWTH. THE CONTRACTOR SHALL COORDINATE WITH THE LANDSCAPE ARCHITECT ON A SCHEDULE FOR SOURCE VISITS AND ACCOMPANY THE OWNER OR LANDSCAPE ARCHITECT FOR ALL SOURCE INSPECTIONS. CERTIFICATES OF COMPLIANCE ARE REQUIRED FOR ALL PLANT MATERIALS. PHOTOGRAPHIC REVIEW OF PLANT MATERIAL IS ACCEPTABLE IF APPROVED BY LANDSCAPE ARCHITECT. PHOTOGRAPHS MUST BE PROVIDED IN QUANTITY AND VARIETY TO ALLOW LANDSCAPE ARCHITECT SUFFICIENT INFORMATION TO MAKE A REASONABLE DETERMINATION AS TO THE PLANTS' QUALITY. OWNER AND LANDSCAPE ARCHITECT RESERVES THE RIGHT TO REJECT PLANT MATERIAL DELIVERED TO THE SITE BUT PREVIOUSLY ACCEPTED IF DAMAGED OR NOT PROPERLY MAINTAINED DURING THE DELIVERY PROCESS.

15. PLANTING SEASONS (UNLESS OTHERWISE APPROVED BY THE OWNER OR LANDSCAPE ARCHITECT)

	SPRING	FALL
EVERGREEN TREES AND SHRUBS	APRIL 1 TO JUNE 15	SEPTEMBER 1 TO OCTOBER 15
DECIDUOUS TREES AND SHRUBS	APRIL 1 TO JUNE 15	SEPTEMBER 15 TO NOVEMBER 15
GROUNDCOVERS	APRIL 1 TO JUNE 15	SEPTEMBER 1 TO OCTOBER 15
PERENNIALS	MAY 15 TO JUNE 15	SEPTEMBER 1 TO OCTOBER 15
SEED MIXES	PER MANUFACTURER'S RECOMMENDATIONS OR AS LISTED IN SEED MIX NOTES	

- SEEDING MIXTURES: REFER TO SEED MIX NOTES. SEEDING AREA SHALL BE ACCEPTED WHEN SEED AREA ACHIEVES 90% COVERAGE.
- ALL SLOPES STEEPER THAN 3:1 RECEIVING A SEED MIX SHALL BE COVERED WITH AN EROSION CONTROL BLANKET OF STRAW FIBER AND BIODEGRADABLE OR PHOTODEGRADABLE NETTING.
- UNLESS OTHERWISE NOTED IN DRAWING SET, NEW TREELINES SHALL EQUAL CLEARING AND GRUBBING LIMIT FOR CONSTRUCTION.
- ALL UNDISTURBED AREAS NOT OTHERWISE DEVELOPED SHALL BE SEEDING WITH RESTORATION GRASS SEED MIX.

SEED MIX NOTES

- SOD - TUCKAHOE VERSATURF BY TUCKAHOE FARMS OR APPROVED EQUAL
 - 20% AMERICA KENTUCKY BLUEGRASS
 - 15% AWARD KENTUCKY BLUEGRASS
 - 15% HAMPTON KENTUCKY BLUEGRASS
 - 15% VICTORY CHEWINGS FESCUE
 - 15% JASPER CREEPING RED FESCUE
 - 20% MANHATTAN PERENNIAL RYEGRASS
 FERTILIZATION: PER SOIL TEST AND SOD MANUFACTURERS RECOMMENDATIONS

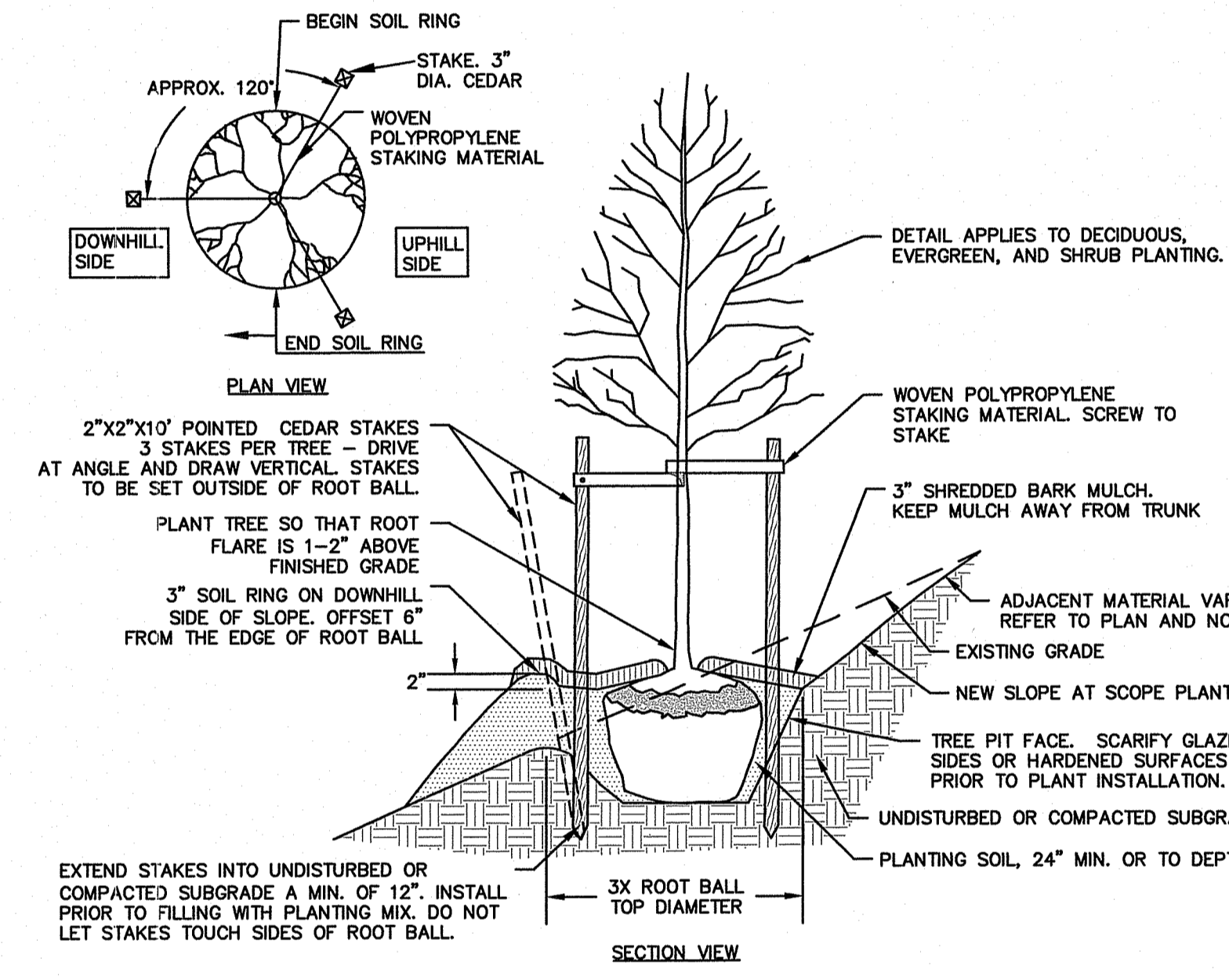
- RESTORATION GRASS SEED MIX -
 - NEW ENGLAND EROSION CONTROL/RESTORATION MIX FOR DRY SITES
 - NEW ENGLAND WETLAND PLANTS INC. OR APPROVED EQUAL

SPECIES: RED FESCUE (FESTUCA RUBRA), CANADA WILD RYE, (ELYMUS CANADENSIS), ANNUAL RYEGRASS (LOLIUM MULTIFLORUM), PERENNIAL RYEGRASS (LOLIUM PERENNE), LITTLE BLUESTEM, (SCHIZACHYRIUM SCOPARIUM), INDIAN GRASS (SORGHASTRUM NUTANS), SWITCH GRASS (PANICUM VIRGATUM), UPLAND BENTGRASS (AGROSTIS PERENNANS).
APPLICATION RATE: 35 LBS/ACRE (1 LB PER 1,250 SF)
SEEDING DATES: AUGUST 15 - OCTOBER 1 AND APRIL 15 - JUNE 30 UNLESS OTHERWISE APPROVED BY THE OWNER OR LANDSCAPE ARCHITECT.

- DETENTION BASIN RESTORATION MIX
 - NEW ENGLAND EROSION CONTROL/RESTORATION MIX FOR DETENTION BASINS AND MOIST SITES
 - NEW ENGLAND WETLAND PLANTS, INC. OR APPROVED EQUAL

SPECIES: RIVER BANK WILD RYE (ELYMUS RIPARIOSUS), RED FESCUE (FESTUCA RUBRA), SWITCH GRASS (PANICUM VIRGATUM), SOFT RUSH (JUNCUS EFFUSUS), WOOL GRASS (SCIRPUS CYPERINUS), LITTLE BLUESTEM, (SCHIZACHYRIUM SCOPARIUM), BIG BLUESTEM, (ANDROPOGON GERARDII), BIG VERVAIN (VERBENA HASTATA), UPLAND BENTGRASS (AGROSTIS PERENNANS), NODDING BUR MARIGOLD, (BIDENS GER-NUA), HOLLOW-STEM JOE PYE WEEED (EUPATORIUM FISTULOSUM), BONESET EUPATORIUM PERFOLIATUM), NEW ENGLAND ASTER (ASTER NOVAEANGLAE),

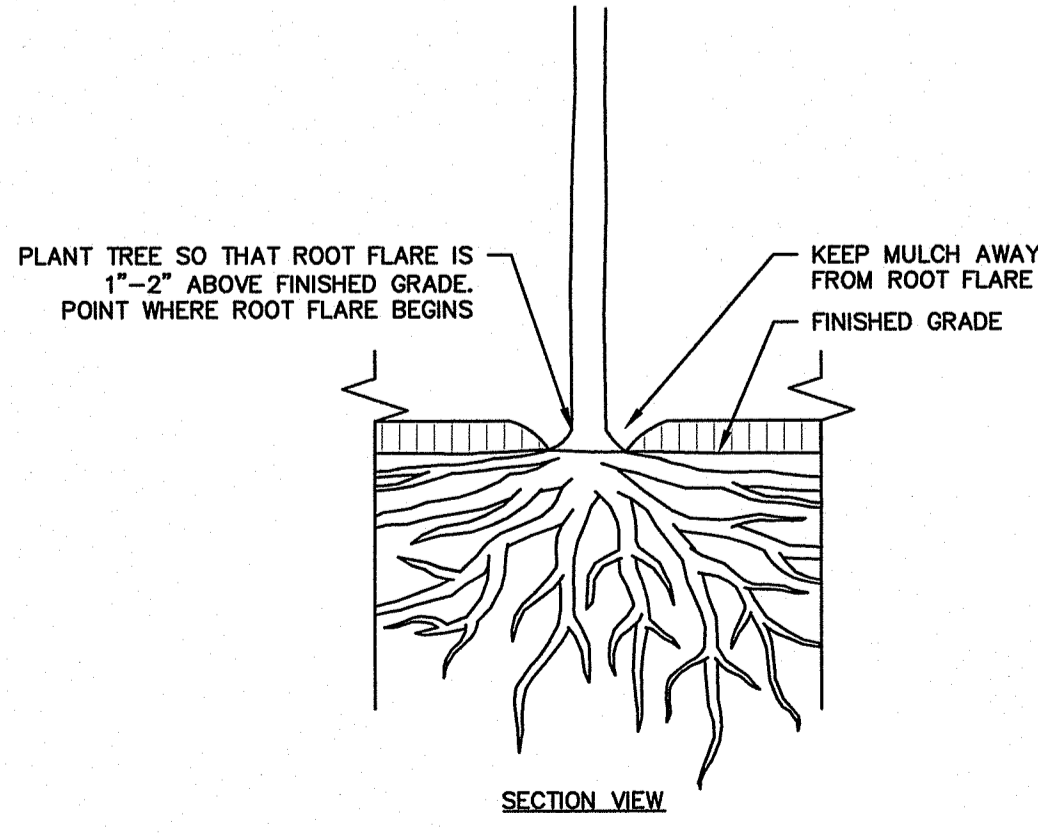
APPLICATION RATE: 35 LBS/ACRE: 1250 SQ FT/LB
SEEDING DATES: AUGUST 15 - OCTOBER 1 AND APRIL 15 - JUNE 30 UNLESS OTHERWISE APPROVED BY THE OWNER OR LANDSCAPE ARCHITECT.



- NOTES:
- TREES AT SLOPES 4:1 OR GREATER MUST BE STAKED. THIS DETAIL SHALL APPLY TO TREE PLANTING ON 4H:1V SLOPES OR STEEPER UNLESS OTHERWISE DIRECTED BY OWNER OR OWNER'S REPRESENTATIVE.
 - WOVEN POLYPROPYLENE STAKING MATERIAL SHALL BE DEEPROOT ARBORTIE (GREEN) OR APPROVED EQUIVALENT. MATERIAL SHALL BE LOOPED AROUND TREE THROUGH EACH OTHER, TWISTED, AND SECURED TO THE STAKE. INSTALL SPECIFIED MATERIAL IN ACCORDANCE WITH MANUFACTURER'S DIRECTIONS.
 - BEFORE IN HOLE, REMOVE BOTTOM OF CAGE. ONCE IN HOLE, REMOVE REST OF CAGE FROM ROOT BALL. REMOVE TWINE AND BURLAP FROM TOP 1/3 OF ROOT BALL - SCORE REMAINING 2/3 OF BURLAP. IF BURLAP IS SYNTHETIC OR HAS BEEN TREATED WITH ANTI-DESSICANT, COMPLETELY REMOVE IT FROM ROOT BALL.

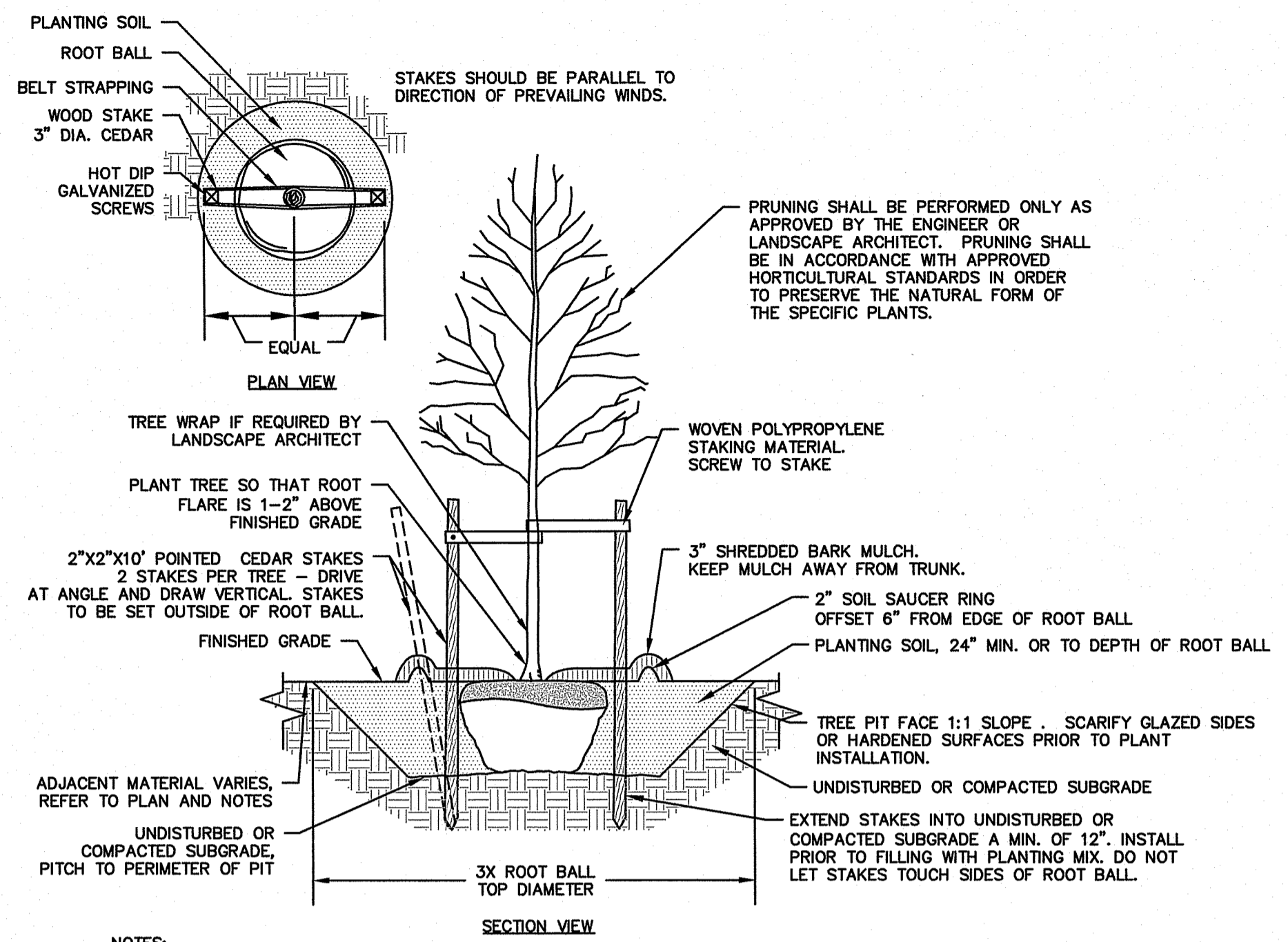
SLOPE PLANTING

N.T.S.



ROOT FLARE DIAGRAM

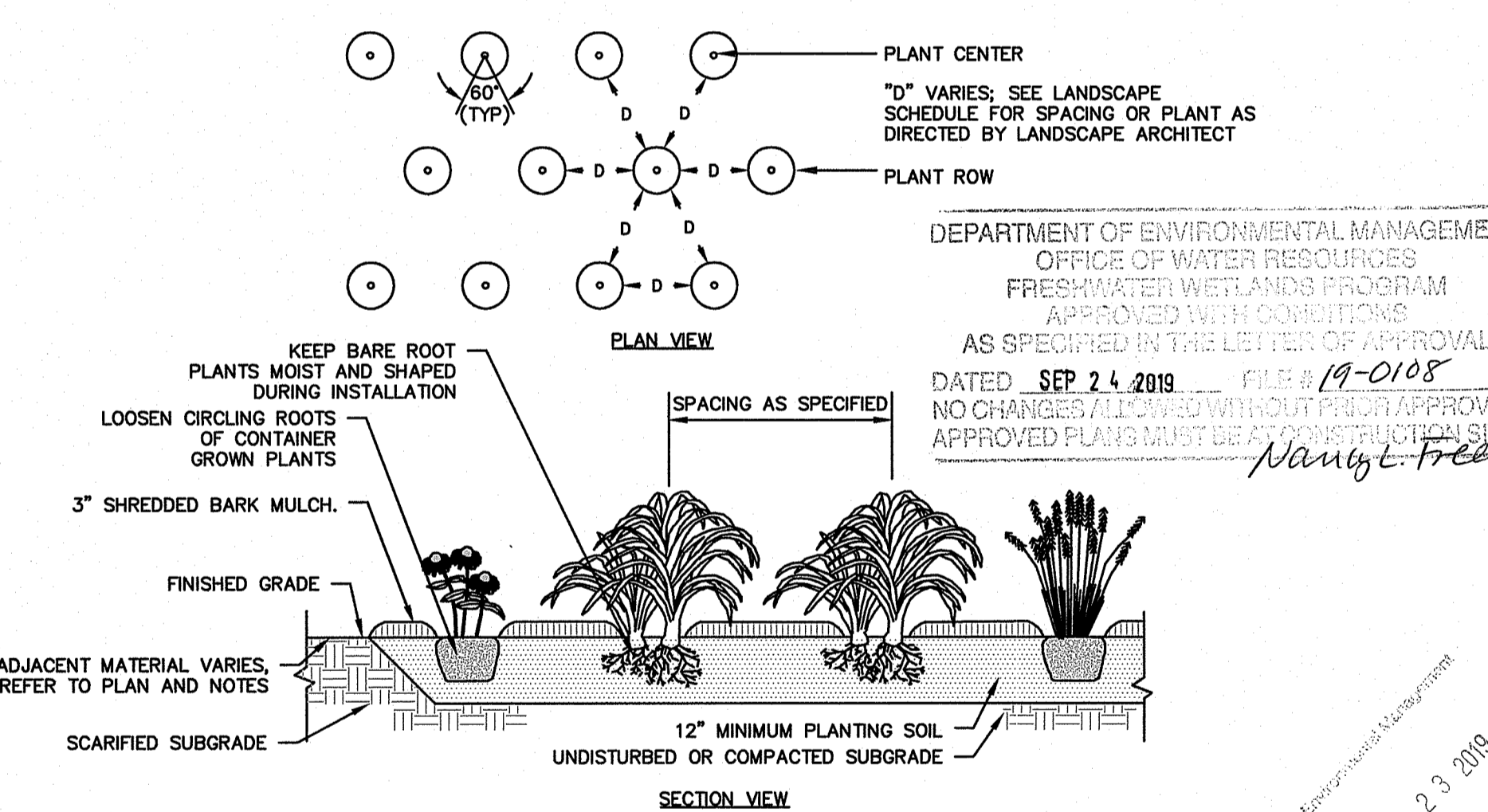
N.T.S.



- NOTES:
- STAKING FOR TREES ON SLOPES SHALLower THAN 4:1 OR LESS THAN 3" CALIPER TO BE PERFORMED AT CONTRACTOR'S DISCRETION.
 - WOVEN POLYPROPYLENE STAKING MATERIAL SHALL BE DEEPROOT ARBORTIE (GREEN) OR APPROVED EQUIVALENT. MATERIAL SHALL BE LOOPED AROUND TREE THROUGH EACH OTHER, TWISTED, AND SECURED TO THE STAKE. INSTALL SPECIFIED MATERIAL IN ACCORDANCE WITH MANUFACTURER'S DIRECTIONS.
 - BEFORE IN HOLE, REMOVE BOTTOM OF CAGE. ONCE IN HOLE, REMOVE REST OF CAGE FROM ROOT BALL. REMOVE TWINE AND BURLAP FROM TOP 1/3 OF ROOT BALL - SCORE REMAINING 2/3 OF BURLAP. IF BURLAP IS SYNTHETIC OR HAS BEEN TREATED WITH ANTI-DESSICANT, COMPLETELY REMOVE IT FROM ROOT BALL.

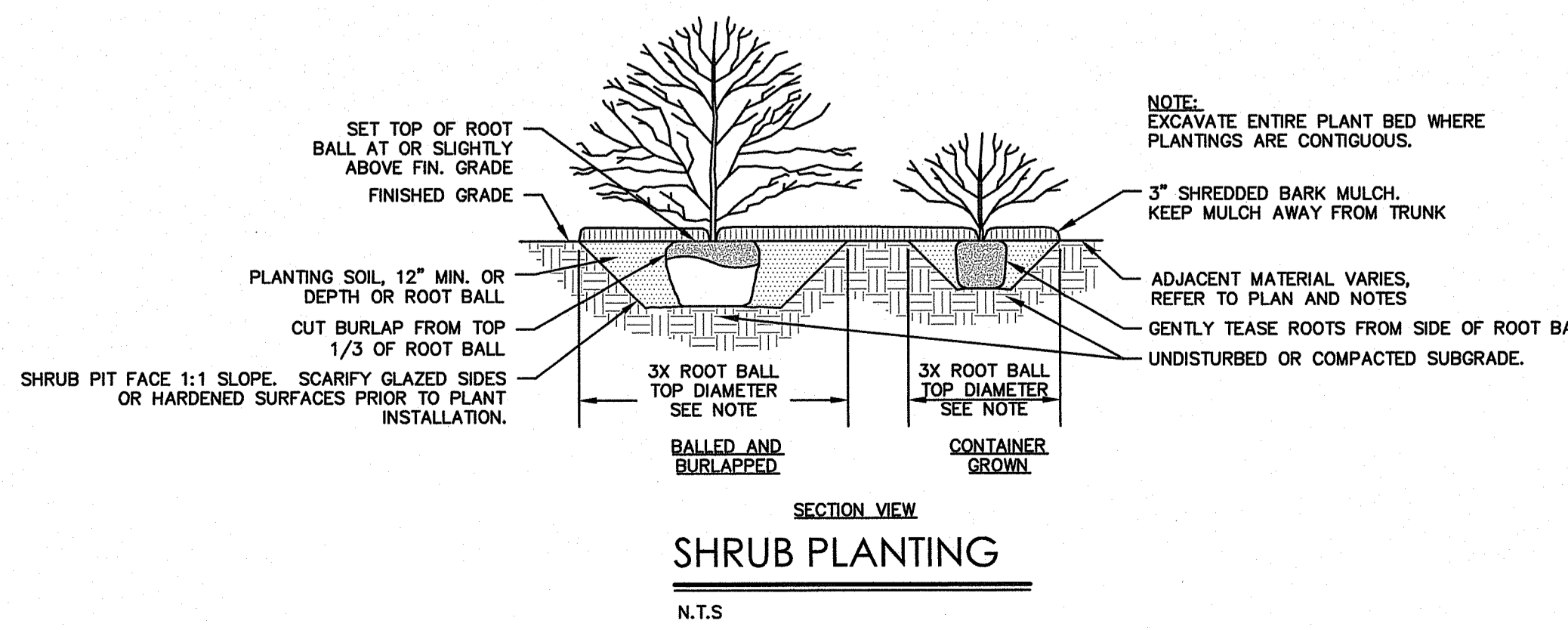
DECIDUOUS TREE PLANTING

N.T.S.



GROUNDCOVER PLANTING

N.T.S.



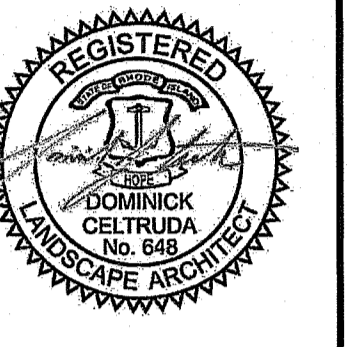
SHRUB PLANTING

N.T.S.



ARCHITECTURE
ENGINEERING
ENVIRONMENTAL
LAND SURVEYING

100 River Ridge Drive, Suite 105
Norwood, MA 02062
(781) 619-9500



OWNER:
South Shore Mental Health
765 Allen Ave, Suite 100
Providence, RI 02905

APPLICANT:
Garrett Home, LLC
6 William Way
Hartford, CT 06191

PROPOSED RETAIL
1860 KINGSTOWN ROAD
SOUTH KINGSTOWN, RHODE ISLAND

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
APPROVED WITH CONDITIONS
AS SPECIFIED IN THE LETTER OF APPROVAL
DATED SEP 24 2019 FILE # 19-0108
NO CHANGES ALLOWED WITHOUT PREVIOUS APPROVAL
APPROVED PLANS MUST BE AT CONSTRUCTION SITE
Nancy Freeman

REVISIONS:

NO.	DATE	DESCRIPTION
1	04/26/19	TRC MEETING COMMENTS
2	05/06/19	SEWER REVISION PER 4/10/19 TRC COMMENTS
3	05/09/19	REVISION PER 4/10/19 TRC MEETING COMMENTS
4	05/29/19	REVISION PER 5/14/19 TRC REVIEW COMMENTS
5	06/28/19	REVISION PER 6/14/19 TRC REVIEW COMMENTS
6	07/19/19	REVISION PER 7/02/19 RDEM COMMENTS
7	08/05/19	REVISION PER 7/23/19 PLANNING COMMENTS
8	09/20/19	REVISION PER 9/20/19 RDEM REVIEW COMMENTS

Designed L.M.W.
Drawn L.M.W.
Reviewed D.J.C.
Scale
Project No. 18C6704
Date 03/12/19
CAD File: LL18C670401

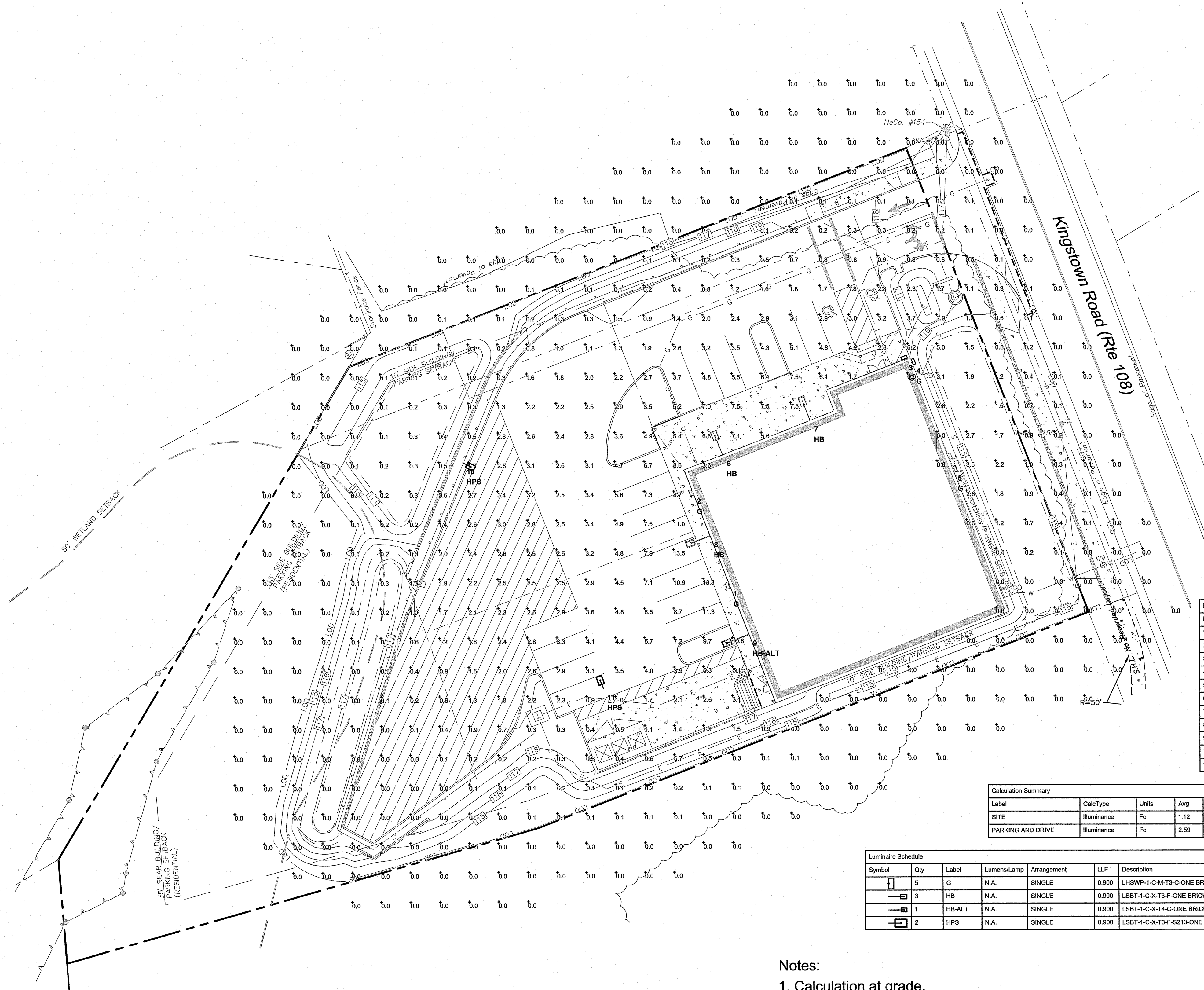
Title
LANDSCAPE NOTES AND DETAILS

Sheet No.

LL-2

9/29/2019, 9:00 AM, C:\WORK\BL\18C6704\DWG\18C670401.DWG, 12:11:24, 2019

REFER TO SHEET GN-1 FOR SITEWORK GENERAL NOTES



LumNo	Label	Z-luminaire height	TB
1	G	12	0
2	G	12	0
3	G	12	0
4	G	12	0
5	G	12	0
6	HB	18.5	0
7	HB	18.5	0
8	HB	14	0
9	HB-ALT	14	0
10	HPS	22	0
11	HPS	22	0

Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min
SITE	Illuminance	Fc	1.12	13.5	0.0	N.A.	N.A.
PARKING AND DRIVE	Illuminance	Fc	2.59	13.5	0.0	N.A.	N.A.

Symbol	Qty	Label	Lumens/Lamp	Arrangement	LLF	Description
[Symbol]	5	G	N.A.	SINGLE	0.900	LHWP-1-C-M-T3-C-ONE BRICK TYPE 3 7000MA LED WALL PACK
[Symbol]	3	HB	N.A.	SINGLE	0.900	LSBT-1-C-X-T3-F-ONE BRICK TYPE 3 1400MA LED WALL MNT 42IN UPSWEEP ARM
[Symbol]	1	HB-ALT	N.A.	SINGLE	0.900	LSBT-1-C-X-T4-C-ONE BRICK TYPE 4 700MA LED WALL MNT 42IN UPSWEEP ARM
[Symbol]	2	HPS	N.A.	SINGLE	0.900	LSBT-1-C-X-T3-F-S213-ONE BRICK TYPE 3 1400MA LED WBACK SHLD

- Notes:
1. Calculation at grade.
 2. See Luminaire Location Summary for wall luminaire mounting height.
 3. Arm mnt wall fixtures estimated with 2' rise from mounting.
 4. Based on 20' poles plus 2' AFG bases.

- DUE TO CHANGING LIGHTING ORDINANCES IT IS THE CONTRACTORS RESPONSIBILITY TO SUBMIT THE SITE PHOTOMETRICS AND LUMINAIRE SPECS TO THE LOCAL INSPECTOR BEFORE ORDERING TO ENSURE THIS PLAN COMPLIES WITH LOCAL LIGHTING ORDINANCES.
- THIS LIGHTING DESIGN IS BASED ON INFORMATION SUPPLIED BY OTHERS. CHANGES IN ELECTRICAL SUPPLY, AREA GEOMETRY AND OBJECTS WITHIN THE LIGHTED AREA MAY PRODUCE ILLUMINATION VALUES DIFFERENT FROM THE PREDICTED RESULTS SHOWN ON THIS LAYOUT.
- THIS LAYOUT IS BASED ON .IES FILES THAT WERE LAB TESTED OR COMPUTER GENERATED. ACTUAL RESULTS MAY VARY.

REFER TO SHEET GN-1 FOR
SITWORK GENERAL NOTES

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
APPROVED WITH COMMENTS
AS SPECIFIED IN THE LETTER OF TRANSMITTAL
DATED SEP-24-2019 FILE 19-0108
NO CHANGES TO THE PLAN
APPROVED PLANNING MANAGER
Nancy L. Freeman

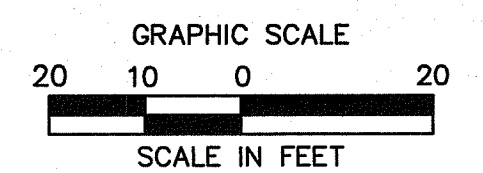
REVISIONS:
NO. 1 03/12/19 PH18C670401 - XC18C670401 - PHOTOMETRIC PLAN
NO. 2 04/26/19 TRC MEETING COMMENTS
NO. 3 05/06/19 SEWER REVISION PER 4/10/19 TRC COMMENTS
NO. 4 05/09/19 REVISION PER 4/10/19 TRC COMMENTS
NO. 5 06/23/19 REVISION PER 6/14/19 ROOT REVIEW COMMENTS
NO. 6 06/28/19 REVISION PER 6/25/19 PLANNING COMMENTS
NO. 7 07/19/19 REVISION PER 7/02/19 RIDEM COMMENTS
NO. 8 08/07/19 REVISION PER 8/23/19 PLANNING COMMENTS
NO. 9 09/20/19 REVISION PER 9/20/19 RIDEM REVIEW COMMENTS

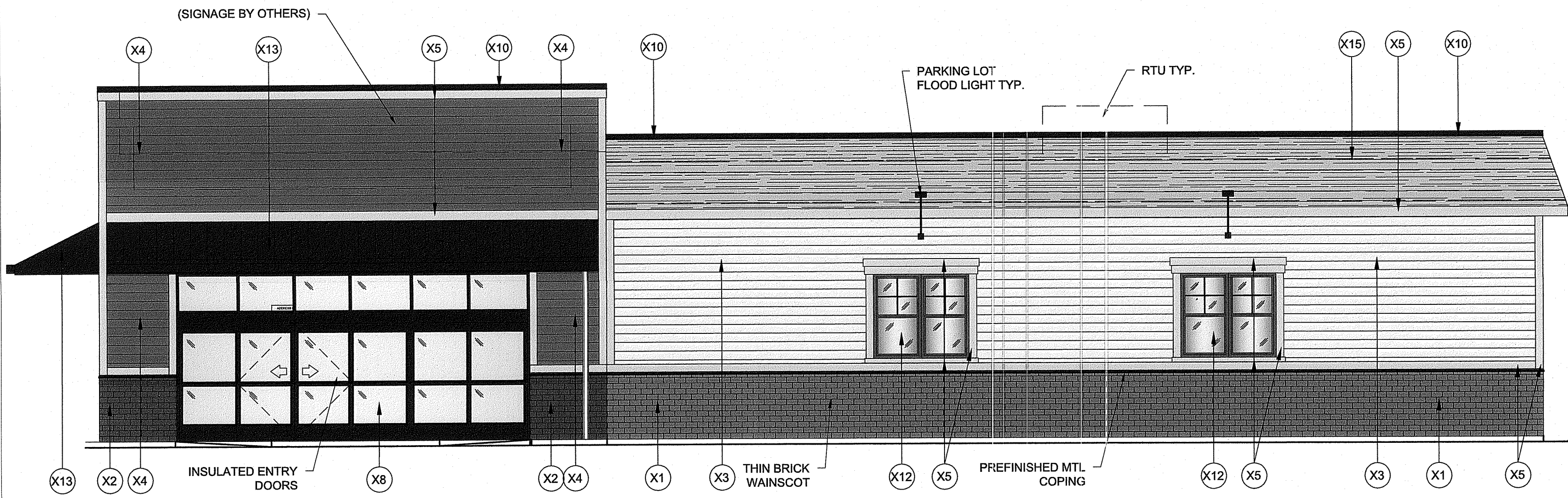
Designed OTHERS
Drawn OTHERS
Reviewed
Scale 1"=20'
Project No. 18C6704
Date 03/12/19
CAD File: PH18C670401

PHOTOMETRIC
PLAN

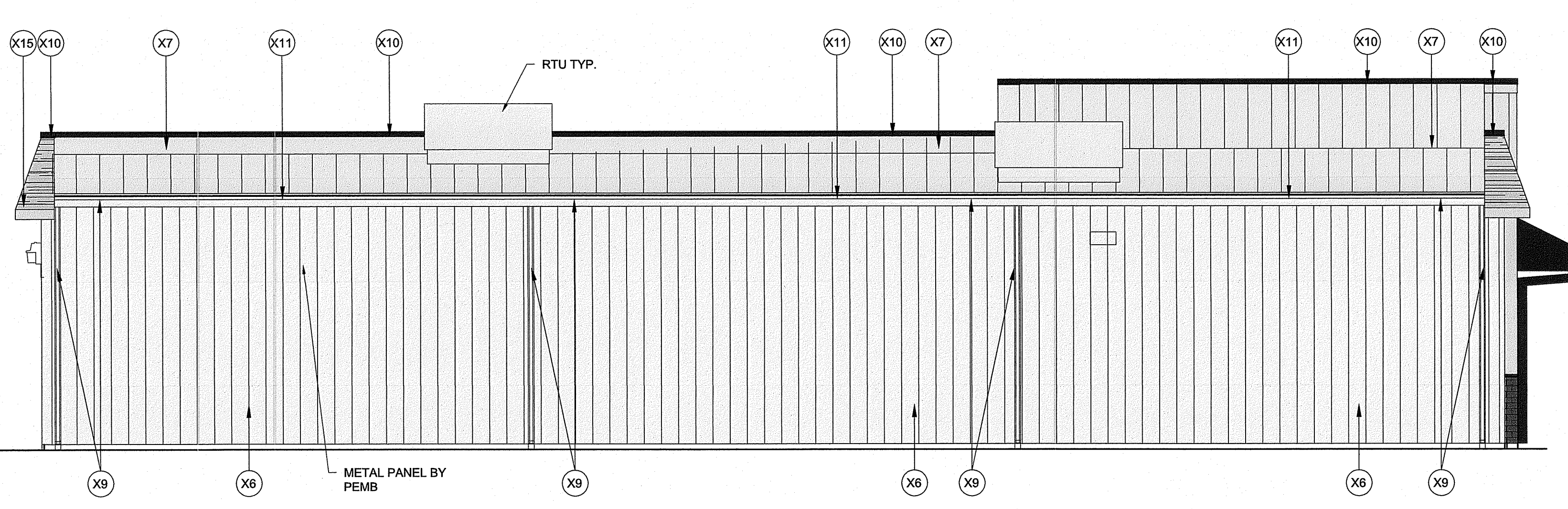
Sheet No.

PH-1





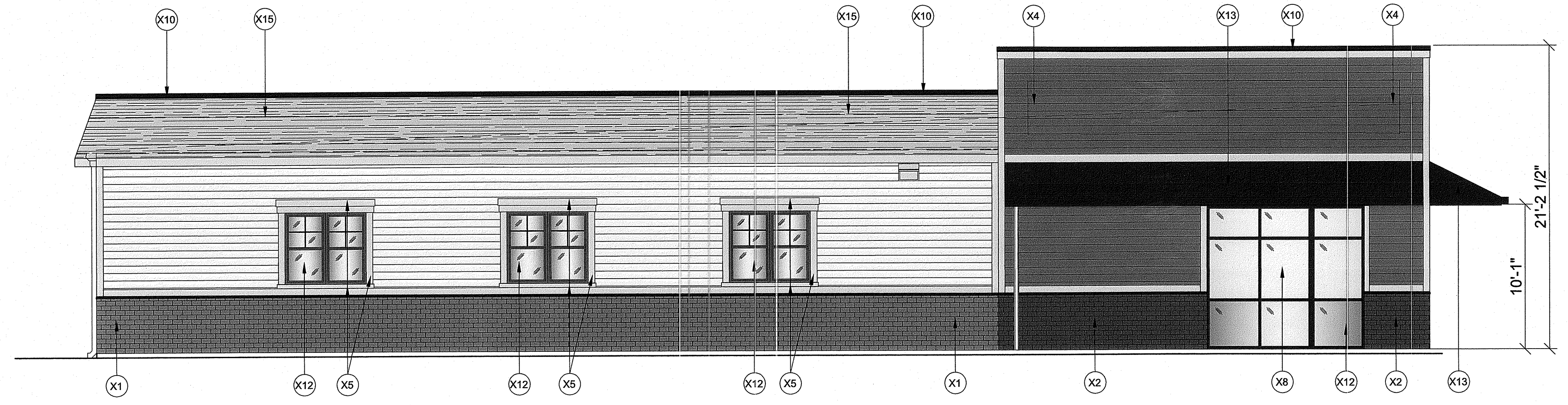
1 PROPOSED FRONT ELEVATION
SCALE: 1/8"-1'-0"



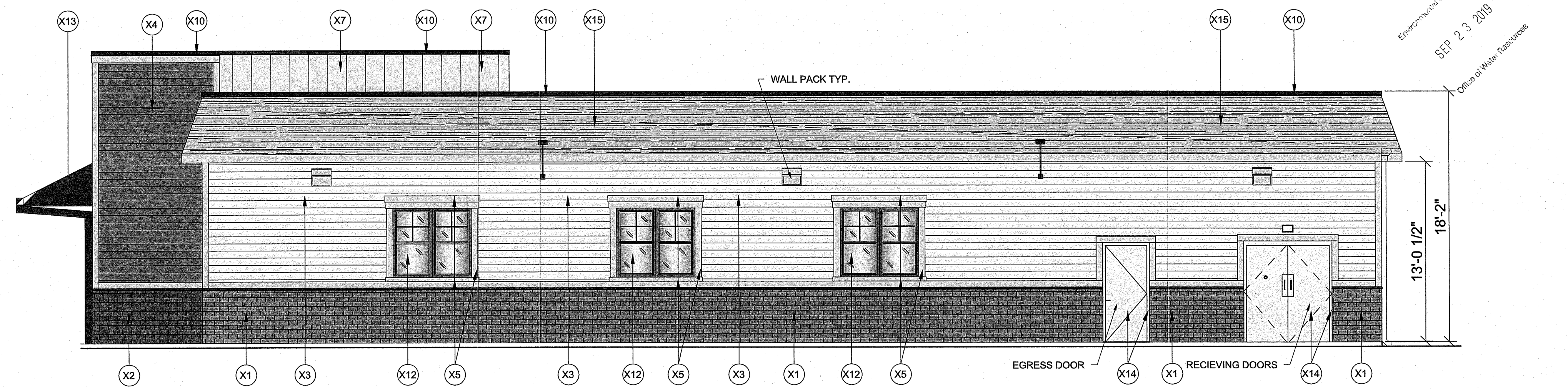
2 PROPOSED REAR ELEVATION
SCALE: 1/8"-1'-0"

EXTERIOR FINISH SCHEDULE			
TAG	MATERIAL/ MFG.	COLOR/ NO.	NOTES
X1	THIN BRICK WAINSCOT	COLOR: SW 7032 WARM STONE	PAINTED
X2	THIN BRICK WAINSCOT	COLOR: SW 7041 VAN DYKE BROWN	PAINTED
X3	HARDIE BOARD LAPBOARD	COLOR: SAIL CLOTH	PREFINISHED
X4	HARDIE BOARD LAPBOARD	COLOR: TIMBERBARK	PREFINISHED
X5	HARDIE BOARD TRIM BOARD	COLOR: NAVAJO BEIGE	PREFINISHED
X6	METAL PANEL CLADDING	COLOR: PARCHEMENT	FINISH BY PEMB
X7	STANDARD METAL ROOF PANEL	COLOR: GALVALUME	FINISH BY PEMB
X8	STANDARD ENTRY DOORS/ STOREFRONT	COLOR: DARK BRONZE	PRE-FINISHED
X9	MTL GUTTERS, DOWNSPOUTS	COLOR: PARCHEMENT	FINISH BY PEMB
X10	MTL COPING	COLOR: DARK BRONZE	FINISH BY PEMB
X11	MTL COPING	COLOR: PARCHEMENT	FINISH BY PEMB
X12	SPANDREL WINDOWS	FRAME COLOR: DARK BRONZE	PREFINISHED LT GREY SPANDREL
X13	MTL AWNING	COLOR: DARK BRONZE	FINISH BY PEMB
X14	MTL DOOR & FRAME	COLOR: PAINTED TO MATCH (2)	PAINTED
X15	ARCH ASPHALT SHINGLES	COLOR: WEATHER WOOD	GAF TIMBERLINE 30 YEAR SHINGLE

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS DIVISION
APPROVED WITH CONDITIONS
AS SPECIFIED
DATED SEP 24, 2019
NO CHANGES ALLOWED WITHOUT APPROVED PLAN REVISIONS
14-0108
Nancy L. Freeman



3 PROPOSED SIDE ELEVATION (KINGSTOWN RD RT 108)
SCALE: 1/8"-1'-0"



4 PROPOSED SIDE ELEVATION
SCALE: 1/8"-1'-0"