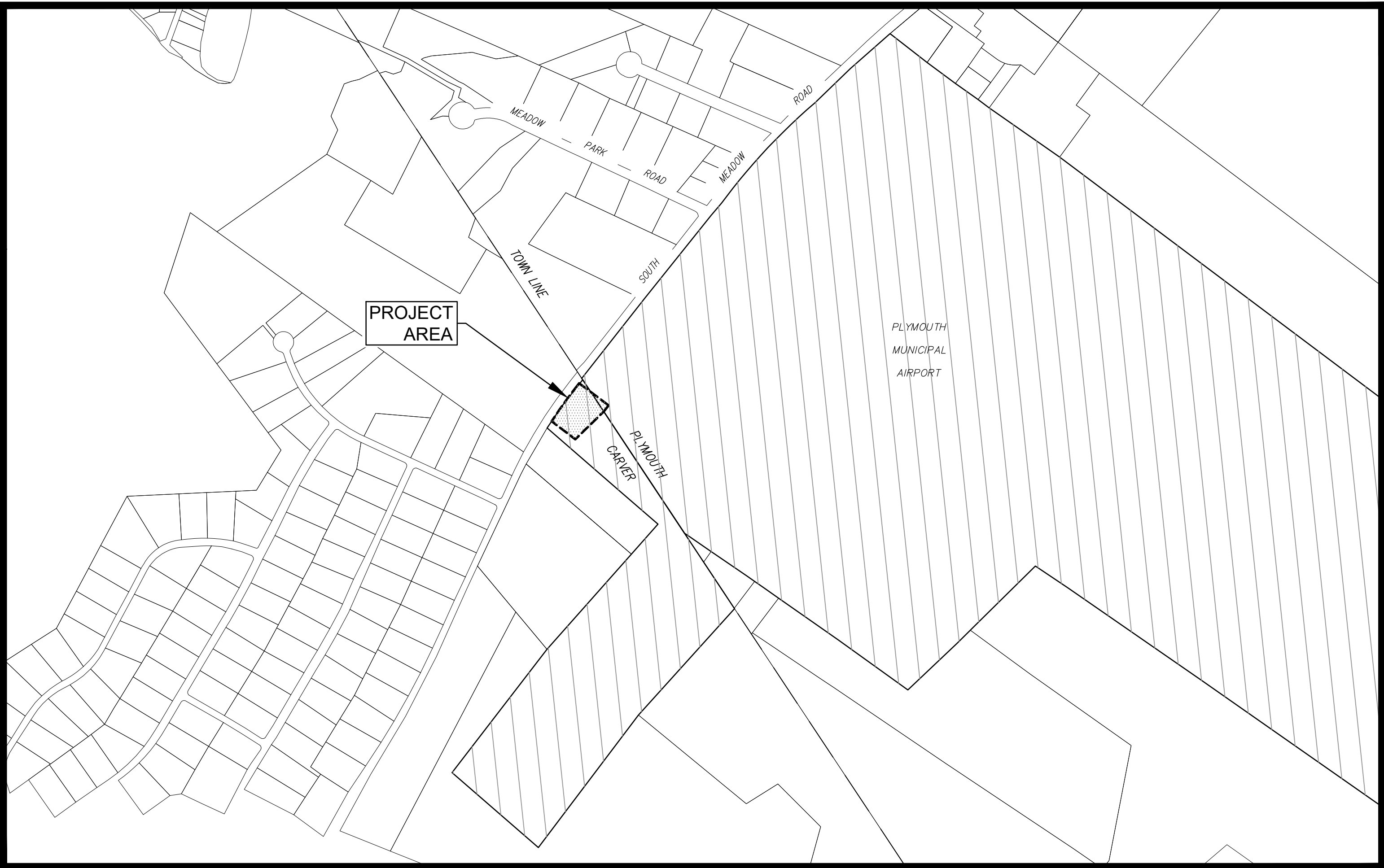


PROPOSED SITE DEVELOPMENT
AT
#169 SOUTH MEADOW ROAD
CARVER, MASSACHUSETTS

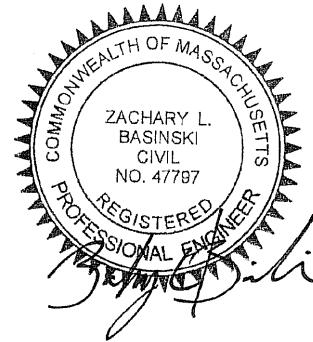
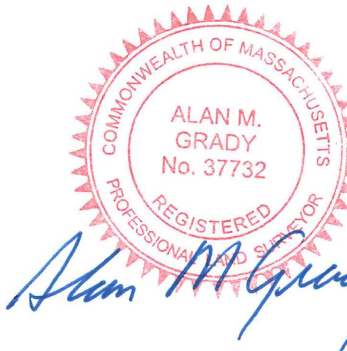
SEPTEMBER 15, 2023
LAST REVISED: NOVEMBER 13, 2023

SHEET INDEX	REVISED DATES	△ CONSTRUCTION REVISIONS
1 TITLE SHEET	NO CHANGE	
2 CONSTRUCTION NOTES	NO CHANGE	
3 EXISTING CONDITIONS and SITE PREPARATION	NO CHANGE	
4 LAYOUT and ZONING	11/13/23	
5 GRADING, DRAINAGE and UTILITIES	11/13/23	
6 CONSTRUCTION DETAILS	11/13/23	
7 LIGHTING & LANDSCAPE	11/13/23	

- LOCUS: #169 SOUTH MEADOW ROAD
MAP 113 PARCEL 7-0-E
- OWNER: TOWN OF PLYMOUTH
246 SOUTH MEADOW ROAD
PLYMOUTH, MA 02360
- DEED REF: Deed Bk: 2517 Pg: 8
- PLAN REF: Plan Bk: 17 Pg: 920
- ZONING DISTRICT: AIRPORT DISTRICT (AP)
- LOCUS DOES NOT FALL WITHIN A SPECIAL FLOOD
HAZARD ZONE AS SHOWN ON FEMA FLOOD
INSURANCE RATE MAP No. 25023C-0361-K dated
07/06/2021.
- LOCUS DOES NOT FALL WITHIN THE NATURAL
HERITAGE and ENDANGERED SPECIES PROGRAM
(NHESP) AREAS OF ESTIMATED HABITATS OF RARE
WILDLIFE and PRIORITY HABITATS OF RARE SPECIES.
- LOCUS DOES NOT FALL WITHIN A ZONE II WELLHEAD
PROTECTION AREA NOR DOES THE LOCUS CONTAIN A
POTABLE WELL.
- THE LOCATION OF UNDERGROUND UTILITIES AS
REPRESENTED ON THESE PLANS IS BASED UPON
PLANS AND INFORMATION PROVIDED BY THE
RESPECTIVE UTILITY COMPANIES OR MUNICIPAL
DEPARTMENTS SUPPLEMENTED BY FIELD
IDENTIFICATION WHEREVER POSSIBLE. NO WARRANTY
IS MADE AS TO THE ACCURACY OF THESE LOCATIONS
OR THAT ALL UNDERGROUND UTILITIES ARE SHOWN.
THE CONTRACTOR SHALL CONTACT DIG SAFE AT
LEAST 72 HOURS PRIOR TO THE START OF
CONSTRUCTION. DIG SAFE TELEPHONE NUMBER IS
1-800-322-4844.



LOCUS MAP
Scale : 1" = 500'



CIVIL ENGINEER / LAND SURVEYOR:

BRACKEN
ENGINEERING, INC.

49 HERRING POND ROAD
BUZZARDS BAY, MA 02532

19 OLD SOUTH ROAD
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BUILDING DESIGNER:

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OWNER:
TOWN OF PLYMOUTH
246 SOUTH MEADOW ROAD
PLYMOUTH, MA 02360

APPLICANT:
PLYMOUTH ELKS LODGE #1476
P.O. BOX 1476
PLYMOUTH, MA 02362-1476
T: 508-746-9191

GENERAL CONSTRUCTION NOTES:

1. ALL SITE PREPARATION NECESSARY TO COMPLETE THIS PROJECT IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
2. ALL NECESSARY POLICE DETAIL SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. CONTRACTOR SHALL COORDINATE WITH THE LOCAL POLICE DEPARTMENT.
3. THE CONTRACTOR SHALL MAKE ALL NECESSARY CONSTRUCTION NOTIFICATIONS AND APPLY FOR AND OBTAIN ALL NECESSARY CONSTRUCTION PERMITS, PAY ALL FEES INCLUDING POLICE DETAILS AND POST ALL BONDS, IF NECESSARY, ASSOCIATED WITH THE SAME, AND COORDINATE WITH THE OWNER AND THE ENGINEER.
4. ALL EXISTING CONDITIONS SHOWN SHALL BE CONSIDERED APPROXIMATE AND ARE BASED ON THE BEST INFORMATION AVAILABLE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THAT THE PROPOSED IMPROVEMENTS SHOWN ON THE PLANS DO NOT CONFLICT WITH ANY KNOW EXISTING OR OTHER PROPOSED IMPROVEMENTS. IF ANY CONFLICTS ARE DISCOVERED, THE CONTRACTOR SHALL NOTIFY THE OWNER AND THE ENGINEER PRIOR TO INSTALLING ANY PORTION OF THE SITE WORK WHICH WOULD BE AFFECTED.
5. THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF EXISTING UTILITIES AND STRUCTURES AS SHOWN ON THESE PLANS ARE BASED ON RECORDS OF VARIOUS UTILITY COMPANIES, AND WHEREVER POSSIBLE, MEASUREMENTS TAKEN IN THE FIELD. THIS INFORMATION IS NOT TO BE RELIED UPON AS BEING EXACT OR COMPLETE. THE LOCATION OF ALL UNDERGROUND UTILITIES AND STRUCTURES SHALL BE VERIFIED IN THE FIELD BY THE CONTRACTOR PRIOR TO THE START OF CONSTRUCTION. THE CONTRACTOR MUST CONTACT THE APPROPRIATE UTILITY COMPANY, ANY GOVERNING PERMITTING AUTHORITY IN THE TOWN, AND "DISGAGE" (1-888-344-7233) AT LEAST 72 HOURS PRIOR TO ANY EXCAVATION WORK IN PREVIOUSLY UNALTERED AREAS TO REQUEST EXACT FIELD LOCATION OF UTILITIES. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO RESOLVE CONFLICTS BETWEEN THE PROPOSED UTILITIES AND FIELD LOCATED UTILITIES AND SHALL REPORT ANY DISCREPANCIES TO THE ENGINEER IMMEDIATELY. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR DAMAGES INCURRED AS A RESULT OF UTILITIES OMITTED, INCOMPLETELY OR INACCURATELY SHOW. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING ACCURATE RECORDS OF THE LOCATION AND ELEVATION OF ALL WORK INSTALLED AND EXISTING UTILITIES FOUND DURING CONSTRUCTION FOR THE PREPARATION OF THE AS-BUILT PLAN.
6. THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING ALL EXISTING UTILITIES IN WORKING ORDER AND FREE FROM DAMAGE DURING THE ENTIRE DURATION OF THE PROJECT. ALL COST RELATED TO THE REPAIR OF UTILITIES SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. EXCAVATION REQUIRED WITHIN THE PROXIMITY OF EXISTING UTILITY LINES SHALL BE DONE BY HAND. CONTRACTOR SHALL REPAIR ANY DAMAGE TO EXISTING UTILITY LINES OR STRUCTURES INCURRED DURING CONSTRUCTION OPERATIONS AT NO COST TO THE OWNER.
7. THE CONTRACTOR SHALL UTILIZE ALL PRECAUTIONS AND MEASURES TO ENSURE THE SAFETY OF THE PUBLIC, ALL PERSONNEL, AND PROPERTY DURING CONSTRUCTION IN ACCORDANCE WITH OSHA STANDARDS, INCLUDING BARRICADES, SAFETY LIGHTING, CONES, POLICE DETAIL AND/OR FLAGMEN AS DETERMINED NECESSARY BY THE ENGINEER AND/OR TOWN. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE COST OF POLICE DETAIL AND FOR COORDINATING WITH THE LOCAL OR STATE POLICE DEPARTMENT FOR ALL REQUIRED POLICE DETAIL.
8. ALL TRENCHING WORK WITHIN A ROADWAY SHALL BE COORDINATED WITH THE PROPER LOCAL & STATE AGENCY. TRENCH SAFETY SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR INCLUDING ANY LOCAL AND/OR STATE PERMITS REQUIRED FOR THE TRENCHWORK. THIS WORK MAY BE REQUIRED TO TAKE PLACE OUTSIDE OF NORMAL HOURS OF OPERATION FOR THE FACILITY, THE CONTRACTOR SHALL PLAN ACCORDINGLY.
9. ALL TRENCH WORK WITHIN EXISTING PAVEMENT SHALL BE SAWCUT PER THE APPLICABLE DETAILS. TRENCHWORK BACKFILL AND COMPACTION SHALL HAVE MAX 8-INCH LIFTS. CONTRACTOR SHALL BE REQUIRED TO REMOVE PATCH AND REPAVE AFTER ONE COMPLETE 12-MONTH CYCLE IF SETTLEMENT OCCURS DUE TO INADEQUATE COMPACTION AS DETERMINED BY THE ENGINEER WITHIN THE WARRANTY PERIOD.
10. THE CONTRACTOR SHALL MAKE ALL CONNECTION ARRANGEMENTS WITH UTILITY COMPANIES, AS REQUIRED.
11. ALL IMPORTED MATERIAL, IF REQUIRED, SHALL BE CLEAN. NO MATERIAL WILL BE ACCEPTED FROM AN EXISTING OR FORMER 21E SITE AS DEFINED BY THE MASSACHUSETTS CONTINGENCY PLAN 310 CMR 40.0000.
12. SITE LAYOUT SURVEY REQUIRED FOR CONSTRUCTION WILL BE PROVIDED BY THE CONTRACTOR AND SHALL BE CONDUCTED BY A MASSACHUSETTS REGISTERED PROFESSIONAL LAND SURVEYOR. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING WITH THE SURVEYOR FOR ALL SITE SURVEY WORK.
13. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ESTABLISHING AND MAINTAINING ALL CONTROL POINTS AND BENCHMARKS DURING CONSTRUCTION INCLUDING BENCHMARK LOCATIONS AND ELEVATIONS AT CRITICAL AREAS. THE LOCATION OF ALL CONTROL POINTS AND BENCHMARKS SHALL BE COORDINATED WITH THE ENGINEER.
14. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING ALL GRADE STAKES SET BY THE SURVEYOR. GRADE STAKES SHALL REMAIN UNTIL A FINAL INSPECTION OF THE ITEM HAS BEEN COMPLETED BY THE ENGINEER. ANY RE-STAKING OF PREVIOUSLY SURVEYED SITE FEATURES SHALL BE THE RESPONSIBILITY (INCLUDING COSTS) OF THE CONTRACTOR.
15. UNLESS OTHERWISE SPECIFIED ON THE PLANS AND DETAILS/SPECIFICATIONS, ALL SITE CONSTRUCTION MATERIALS AND METHODOLOGIES ARE TO CONFORM TO THE MOST RECENT VERSION OF THE MASSACHUSETTS DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS (THE MASSACHUSETTS HIGHWAY DEPARTMENT 1988 STANDARD SPECIFICATION FOR HIGHWAYS AND BRIDGES, THE 2002 SUPPLEMENTAL SPECIFICATIONS AND THE 2006 SPECIAL PROVISIONS).
16. CONSTRUCTION SHALL BE PERFORMED IN ACCORDANCE WITH APPLICABLE LAWS AND REGULATIONS REGARDING NOISE, VIBRATION, DUST, SEDIMENTATION CONTAINMENT, AND TRENCH WORK.
17. SOLID WASTES SHALL BE COLLECTED AND STORED IN A SECURED DUMPSTER. THE DUMPSTER SHALL MEET ALL LOCAL AND STATE SOLID WASTE MANAGEMENT REGULATIONS.
18. THE CONTRACTOR SHALL RESTORE ALL SURFACES EQUAL TO THEIR ORIGINAL CONDITION AFTER CONSTRUCTION IS COMPLETE. AREAS NOT DISTURBED BY CONSTRUCTION SHALL BE LEFT NATURAL. THE CONTRACTOR SHALL TAKE CARE TO PREVENT DAMAGE TO SHRUBS, TREES, OTHER LANDSCAPING, AND/OR NATURAL FEATURES. WHEREAS THE PLANS DO NOT SHOW ALL LANDSCAPE FEATURES, EXISTING CONDITIONS MUST BE VERIFIED BY THE CONTRACTOR IN ADVANCE OF THE WORK.
19. ALL UNPAVED AREAS DISTURBED BY THE WORK SHALL HAVE A MINIMUM OF 4-INCHES OF LOAM INSTALLED AND BE SEEDED WITH GRASS SEED AS SHOWN ON THE PLAN AND/OR DIRECTED BY THE ENGINEER. THE CONTRACTOR SHALL BE RESPONSIBLE FOR WATERING ANY LOAM AND SEEDED AREAS UNTIL LAWN GROWTH IS ESTABLISHED AND APPROVED BY THE ENGINEER AND/OR OWNER.
20. ALL PROPOSED STRUCTURES SHALL BE DESIGNED BY THEIR MANUFACTURERS FOR AASHTO H-20 LOADING, PRECAST CONCRETE SHALL HAVE A MINIMUM 28-DAY STRENGTH OF 4000 PSI UNLESS OTHERWISE NOTED HEREIN.
21. ALL WHEELCHAIR RAMPS SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE MASSACHUSETTS HIGHWAY DEPARTMENT STANDARD SPECIFICATION AND LOCAL AND/OR TRAFFIC STANDARD DETAILS (1998) DRAWING NUMBER 107.1.0 AND 107.2.0 RAMPS SHALL HAVE AN 8% MAX. SLOPE AND 2% CROSS SLOPE.
22. LEDGE OR BOULDER EXCAVATION IS NOT ANTICIPATED FOR THIS SITE. HOWEVER, THE CONTRACTOR SHALL PROVIDE A UNIT PRICE COST IN CUBIC YARD MEASURE FOR LEDGE AND/OR BOULDER REMOVAL. LEDGE AND/OR BOULDERS LESS THAN 1 CUBIC YARD IN SIZE BASED ON THE AVERAGE DIMENSIONS WILL NOT BE CONSIDERED PAYABLE ROCK. UNIT PRICE SHALL BE GIVEN FOR BOTH ON AND OFF SITE DISPOSAL. COST OF REPLACEMENT MATERIAL SHALL BE INCLUDED IF ADDITIONAL FILL MATERIAL IS REQUIRED.
23. THE CONTRACTOR SHALL REGULARLY INSPECT THE PERIMETER OF THE PROPERTY TO CLEAN UP AND REMOVE LOOSE CONSTRUCTION DEBRIS BEFORE IT LEAVES THE SITE. ALL CONSTRUCTION DEBRIS SHALL BE PROMPTLY REMOVED FROM THE SITE TO AN APPROVED DUMP SITE. ALL TRUCKS LEAVING THE SITE SHALL BE COVERED.
24. CONCRETE TRUCKS SHALL NOT BE WASHED ONSITE. ANY CEMENT OR CONCRETE DEBRIS LEFT IN THE DISTURBED AREA SHALL BE REMOVED BY HAND AT THE CONTRACTOR'S EXPENSE.
25. BURIAL OF ANY STUMPS, SOIL DEBRIS, AND/OR STONES/BOULDERS ONSITE IS PROHIBITED. NO ROAD SALT OR OTHER DE-ICING CHEMICALS SHALL BE USED ON THE ACCESS ROADWAY.
26. IF ANY DEVATION OR ALTERATION OF THE WORK PROPOSED ON THESE DRAWINGS IS REQUIRED, THE CONTRACTOR IS TO IMMEDIATELY CONTACT AND COORDINATE WITH THE ENGINEER AND OWNER.
27. AT THE END OF CONSTRUCTION, THE CONTRACTOR SHALL REMOVE ALL CONSTRUCTION DEBRIS AND SURPLUS MATERIALS FROM THE SITE. A THOROUGH INSPECTION OF ALL THE WORK PERIMETER IS TO BE MADE AND ALL DISCARDED MATERIALS, BLOWN OR WATER CARRIED DEBRIS, SHALL BE COLLECTED AND REMOVED FROM THE SITE.
28. THIS ENGINEERING FIRM MAKES NO DETERMINATION AND ASSUMES NO LIABILITY REGARDING THE STATUS OF THE PROPOSED SITE IMPROVEMENTS WITH REGARDS TO APPLICABLE FEMA STANDARDS, THE MASSACHUSETTS STATE BUILDING CODE, OR OTHER APPLICABLE STANDARDS, RULES, OR REGULATIONS REGARDING CONSTRUCTION IN THE FEMA DESIGNATED SPECIAL FLOOD HAZARD ZONE.
29. ALL PROPOSED PLAYGROUND EQUIPMENT AND DESIGN TO BE BY OTHERS.

GENERAL GRADING & DRAINAGE NOTES:

1. ALL CUT AND FILL SLOPES SHALL BE 3:1 OR FLATTER UNLESS OTHERWISE NOTED.
2. EXISTING GRADE CONTOUR INTERVALS SHOWN AT 1 FOOT.
3. PROPOSED GRADE CONTOUR INTERVALS SHOWN AT 1 FOOT.
4. CONTRACTOR SHALL ADJUST AND/OR CUT EXISTING PAVEMENT AS NECESSARY TO ASSURE A SMOOTH FIT AND CONTINUOUS GRADE.
5. CONTRACTOR SHALL ASSURE POSITIVE DRAINAGE AWAY FROM BUILDINGS FOR ALL NATURAL AND PAVED AREAS.
6. CONTRACTOR SHALL REFER TO ARCHITECTURAL PLAN AND SPECIFICATIONS FOR EARTHWORK AND COMPACTION REQUIREMENTS FOR ALL SLABS AND BUILDING FOUNDATIONS.
7. PROPOSED ELEVATIONS ARE SHOWN TO FINISH PAVEMENT OR GRADE UNLESS NOTED OTHERWISE.
8. ALL EARTHWORK AND SITE PREPARATION SHALL BE DONE IN STRICT ACCORDANCE WITH THE RECOMMENDATIONS OF ANY SUBSURFACE INVESTIGATION OR GEOTECHNICAL REPORTS PREPARED FOR THIS SITE. CONTRACTOR RESPONSIBLE TO OBTAIN AND PAY FOR ANY GEOTECHNICAL REPORTS NECESSARY.
9. PARKING AREAS ARE NOT TO BE PAVED UNTIL THE ENTIRE PERMANENT DRAINAGE SYSTEM HAS BEEN INSTALLED AND ALL PIPE CONNECTIONS COMPLETE.
10. DRAINAGE PIPING SHALL BE HIGH DENSITY POLYETHYLENE PIPE AND CONFORM TO AASHTO M284 CORRUGATED POLYETHYLENE PIPE. PIPE SHALL BE INSTALLED AT THE LOCATIONS INDICATED ON THE PLAN. MINIMUM CLEARANCE BETWEEN PROPOSED DRAINAGE PIPING AND OTHER UTILITIES/STRUCTURES SHALL BE 18" VERTICALLY AND 4'-FT HORIZONTALLY. CPP SHALL BE CAREFULLY BACKFILLED IN ACCORDANCE WITH THE LATEST MASSACHUSETTS HIGHWAY DEPARTMENT STAND SPECIFICATIONS. THE MINIMUM COVER FOR HDPE PIPES IS 1'-0" FOR H=20 TRAFFIC LOADS IF THE EXISTENCE, ACCORDANCE WITH AASHTO SECTION 30. THIS IS BASED ON EMPIRICAL CALCULATION OF LOAD RESPONSE, MANUFACTURE'S TESTING, AND FIELD EXPERIENCE WITH THE PIPE. AASHTO SPECIFICATIONS SECTION 18-4.1.6 DEFINES THE MINIMUM COVER AS 10/8 BUT NOT LESS THAN 12 INCHES". THIS COVER IS MEASURED FROM THE PIPE TO THE TOP OF A RIGID (CONCRETE) PAVEMENT OR THE BOTTOM OF A FLEXIBLE (BITUMINOUS) PAVEMENT, BOTH AASHTO AND ASTM AS WELL AS MOST MANUFACTURES, REQUIRE ADDED (TEMPORARY) COVER FOR CONSTRUCTION LOADS GREATER THAN H=20. GENERALLY, AN ADDITIONAL 2" OF TEMPORARY COVER, MOUNTED OVER THE PIPE AND REMOVED FOR FINAL GRADING AND PAVING IS SUFFICIENT FOR LARGE CONSTRUCTION VEHICLE LOADS.
11. BACKFILL ADJACENT TO PIPES AND STRUCTURES SHALL BE OF THE TYPE AND QUALITY CONFORMING TO THAT SPECIFIED FOR THE ADJOINING FILL.

MATERIAL. BACKFILL SHALL BE PLACED IN HORIZONTAL LAYERS NOT TO EXCEED SIX INCHES IN THICKNESS AND COMPACTED TO A DENSITY OF 95% OF MAXIMUM DRY DENSITY WITH A MOISTURE CONTENT WITHIN $\pm 2\%$ OF OPTIMUM. ALL COMPACTION IS TO BE DETERMINED BY AASHTO METHOD T-99. TESTING OF BACKFILL MATERIAL SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.

BASIC CONSTRUCTION SEQUENCE:

THE FOLLOWING CONSTRUCTION SEQUENCE IS TO BE USED AS A GENERAL GUIDELINE. THE CONTRACTOR SHALL COORDINATE WITH THE OWNER AND ENGINEER AND SUBMIT A PROPOSED CONSTRUCTION SEQUENCE FOR REVIEW AND APPROVAL PRIOR TO CONSTRUCTION.

1. SURVEY AND STAKE THE PROPOSED LIMIT OF DISTURBANCE AND LIMIT OF SEDIMENTATION BARRIERS.
2. PLACE SEDIMENTATION BARRIERS (STRAWBALES, SILT FENCE, ETC.) AS SHOWN ON THE PLANS AND STAKED OUT IN THE FIELD. IN NO CASE IS THE LIMIT OF WORK TO EXTEND BEYOND THE SEDIMENTATION BARRIERS/LIMIT OF DISTURBANCE AS SHOWN ON THE PROJECT PLANS.
3. TEMPORARY CONSTRUCTION ENTRANCES TO BE INSTALLED IF NECESSARY. NO OTHER ENTRANCES SHALL BE USED TO GAIN ACCESS TO THE SITE BY ANY CONSTRUCTION OR DELIVERY VEHICLES.
4. BEGIN CLEARING THE SITE AND DEMOLITION AS REQUIRED.
5. SURVEY AND STAKE CENTERLINE OF THE PROPOSED DRAINAGE SYSTEMS, DRAINAGE LINES, AND SEPTIC COMPONENTS.
6. EXCAVATE AND ROUGH GRADE THE PROPOSED STORMWATER MANAGEMENT AREAS (SWMA) AND ANY ADDITIONAL TEMPORARY BASINS NECESSARY TO CONTROL SITE RUNOFF AND SEDIMENTS. PERMANENT SWMA SEEDING AND PLANTING SHALL BE COMPLETED AFTER THE CONTRIBUTING AREA TO THE BASIN HAS REACHED A MINIMUM OF 80% STABILIZATION AND IS NO LONGER REQUIRED TO BE USED AS A CONSTRUCTION SEDIMENTATION BASIN.
7. BEGIN CLEARING AND DEMOLITION IN AREAS OF BUILDING, PARKING LOTS, SEPTIC, PLAYGROUND, AND STORMWATER MANAGEMENT AREAS. TOPSOIL IS TO BE STRIPPED FROM THE AREA OF THE PROPOSED WORK AND SWMA AND STOCKPILED IN APPROVED LOCATIONS. TOPSOIL STOCKPILES ARE TO BE PROTECTED BY A SEDIMENT BARRIER.
8. INSTALL TEMPORARY CONVEYANCE DEVICES (SWALES, CHECK DAMS, PIPES, ETC.) AS NECESSARY TO CONVEY RUNOFF TO TREATMENT AREAS.
9. BEGIN ROUGH GRADING AREAS FOR PARKING, PLAYGROUND AND BUILDINGS. BRING ROUGH GRADING TO PROPER ELEVATIONS AS SOON AS PRACTICABLE. WORK SHALL PROGRESS DILIGENTLY TO MINIMIZE TIME SOILS ARE UN-STABILIZED.
10. BEGIN UTILITY AND SEPTIC CONSTRUCTION, CONTRACTOR SHALL BE FREE TO INSTALL UTILITIES IN ANY ORDER HE/SHE CHOOSES. ANY EROSION CONTROL DEVICE DISTURBED DURING THE UNDERGROUND UTILITY CONSTRUCTION SHALL BE IMMEDIATELY REPAIRED OR REPLACED IN KIND AND STABILIZED. MODIFY TEMPORARY CONVEYANCE DEVICES AS NECESSARY TO CONVEY RUNOFF TO TREATMENT AREAS.
11. INSTALL DRAINAGE PIPES, DRAINAGE MANHOLES AND UNDERGROUND DRAINAGE STRUCTURES. WORK SHALL BEGIN AT THE SWMA(S) AND PROGRESS UP-GRADIENT, PROTECT DISCHARGE OUTLETS WITH RIP-RAP APRONS. THE SWMA(S) AND DRAINAGE NETWORK ARE TO BE PROTECTED FROM SEDIMENTATION WITH SILT FENCE AND STRAWBALES UNTIL ALL UN-STABILIZED AREAS ARE STABILIZED WITH STONE SUB-BASE OR VEGETATION. INSTALL SEDIMENT BARRIERS AT ALL POINTS OF ENTRY INTO THE DRAINAGE NETWORK. PARTICULAR CARE SHALL BE TAKEN TO PROTECT THE UNDERGROUND SWMA(S) FROM SEDIMENT.
12. PERMANENTLY SEED ALL DISTURBED AREAS OUTSIDE OF THE AREA TO BE PAVED OR GRAVELED.
13. ONCE ALL UNDERGROUND UTILITIES HAVE BEEN CONSTRUCTED, PLACE COMPACTED GRAVEL FOUNDATION AND ROUGH GRADE THE PARKING AREAS IN ACCORDANCE WITH THE SITE PLANS AND IN ACCORDANCE WITH APPLICABLE STATE AND LOCAL REGULATIONS AS SOON AS POSSIBLE.
14. BEGIN PARKING CONSTRUCTION PER SITE PLANS AND IN ACCORDANCE WITH APPLICABLE STATE AND LOCAL REGULATIONS. PARKING AREAS ARE NOT TO BE PAVED UNTIL THE ENTIRE PERMANENT DRAINAGE SYSTEM HAS BEEN INSTALLED AND ALL PIPE CONNECTIONS COMPLETE.
15. FINISH PERMANENT STABILIZATION. SWEEP THE ROADWAY TO REMOVE ALL SEDIMENTS. REPAIR DRAINAGE OUTLETS AND SWMA(S) AS REQUIRED. THE CONTRACTOR SHALL CLEAN AND FLUSH THE DRAINAGE STRUCTURES AND PIPES AT THE END OF CONSTRUCTION AND ALL ACCUMULATED SEDIMENTS IN THE SWMA(S) SHALL BE REMOVED. CONTRACTOR SHALL INSPECT THE DRAINAGE NETWORK AND REPAIR ANY DAMAGE IMMEDIATELY.
16. COMPLETE ALL REMAINING PLANTING AND SEEDING.
17. REMOVAL OF ALL TEMPORARY SOIL EROSION AND SEDIMENTATION CONTROL MEASURES FOLLOWING VEGETATIVE ESTABLISHMENT OF ALL DISTURBED AREAS SHALL BE APPROVED BY THE ENGINEER AND WHEN THE CONTRIBUTING AREA HAS REACHED A MINIMUM OF 80% STABILIZATION.

EROSION & SEDIMENT CONTROL NOTES:

1. THE SITE CONSTRUCTION FOREMAN SHALL BE DESIGNATED AS THE ON-SITE PERSONNEL RESPONSIBLE FOR THE DAILY INSPECTION AND MAINTENANCE OF ALL SEDIMENT AND EROSION CONTROLS AND SHALL IMPLEMENT ALL NECESSARY MEASURES TO CONTROL EROSION AND PREVENT SEDIMENT FROM LEAVING THE SITE.
2. THE CONTRACTOR SHALL INSTALL ALL EROSION AND SEDIMENT CONTROL (ESC) MEASURES AS SHOWN ON THE SIGNED PLANS IN CONSULTATION WITH THE TOWN, AND AS DETERMINED NECESSARY IN THE FIELD BY THE ENGINEER BEFORE ANY CONSTRUCTION ACTIVITIES ARE TO BEGIN. THESE MEASURES SHALL BE CHECKED, MAINTAINED, REPLACED AS NECESSARY DURING THE ENTIRE CONSTRUCTION PERIOD OF THE PROJECT. THESE MEASURES SHALL REPRESENT THE LIMIT OF WORK. WORKERS SHALL BE INFORMED THAT NO CONSTRUCTION ACTIVITY IS TO OCCUR BEYOND THE LIMIT OF WORK AT ANY TIME THROUGH THE CONSTRUCTION PERIOD.
3. A MINIMUM SURPLUS OF 50 FEET OF EROSION CONTROL BARRIER (SILT FENCE, STRAWBALE AND/OR SILT SOCK) SHALL BE STOCKPILED ONSITE AT ALL TIMES. STOCKPILE EROSION & SEDIMENT CONTROL MEASURES IN A DRY AND ACCESSIBLE PLACE.
4. THE CONTRACTOR SHALL PROTECT THE ADJACENT PROPERTIES FROM SEDIMENTATION DURING PROJECT CONSTRUCTION UNTIL ACCEPTANCE BY THE OWNER.
5. IF WARRANTED, A CONSTRUCTION EXIT SHALL BE CONSTRUCTED AS SHOWN IN THE DETAILS TO SHED DIRT FROM CONSTRUCTION VEHICLE TIRES. THE CRUSHED STONE PAD WILL BE REPLACE/CLEANED AS NEEDED TO MAINTAIN ITS EFFECTIVENESS.
6. THE LIMIT OF ALL CLEARING, GRADING AND DISTURBANCES SHALL BE KEPT TO A MINIMUM WITHIN THE PROPOSED AREA OF CONSTRUCTION. THE CONTRACTOR SHALL PHASE THE SITE WORK IN A MANNER TO MINIMIZE AREAS OF EXPOSED SOIL. IF TREES ARE TO BE CUT ON THE ENTIRE SITE, ONLY THOSE AREAS WHICH ARE ACTIVELY UNDER CONSTRUCTION SHALL BE GRUBBED. THE REQUIRED SEDIMENTATION CONTROL FACILITIES MUST BE PROPERLY ESTABLISHED, CLEARLY VISIBLE AND IN OPERATION PRIOR TO INITIATING ANY LAND CLEARING ACTIVITY AND/OR OTHER CONSTRUCTION RELATED WORK.
7. IT IS THE CONTRACTOR'S RESPONSIBILITY TO MONITOR LOCAL WEATHER REPORTS DURING CONSTRUCTION AND PRIOR TO SCHEDULING EARTHMOVING OR OTHER CONSTRUCTION ACTIVITIES WHICH WILL LEAVE LARGE DISTURBED AREAS UN-STABILIZED. IF INCLEMENT WEATHER IS PREDICTED, THE CONTRACTOR SHALL USE THEIR BEST PROFESSIONAL JUDGEMENT WHEN SCHEDULING CONSTRUCTION ACTIVITIES AND SHALL BE RESPONSIBLE FOR ENSURING THE NECESSARY EROSION CONTROL DEVICES ARE INSTALLED AND FUNCTIONING PROPERLY TO MINIMIZE EROSION FROM ANY IMPENDING WEATHER EVENTS.
8. ESC MEASURES SHALL BE INSPECTED AND MAINTAINED ON A WEEKLY BASIS AND AFTER EACH RAINFALL EVENT OF 0.50 INCH OR GREATER DURING CONSTRUCTION TO ENSURE THAT THE EROSION AND SEDIMENTATION CONTROL MEASURES ARE INTACT AND FUNCTIONING PROPERLY. IDENTIFIED DEFICIENCIES SHALL BE CORRECTED IMMEDIATELY NO LATER THAN 24 HOURS AFTER IDENTIFICATION.
9. SOIL STOCKPILES LEFT OVERNIGHT SHALL BE SURROUNDED ON THEIR PERIMETERS WITH SILT SOCK, SILT FENCE, STRAWBALES OR A COMBINATION OF SILT FENCE WITH STRAWBALE, AS DETERMINED NECESSARY.
10. DISTURBED AREAS AND SLOPES SHALL NOT BE LEFT UNATTENDED OR EXPOSED FOR EXCESSIVE PERIODS OF TIME SUCH AS THE INACTIVE WINTER SEASON. THE CONTRACTOR SHOULD PROVIDE APPROPRIATE STABILIZATION PRACTICES ON ALL DISTURBED AREAS AS SOON AS POSSIBLE BUT NOT MORE THAN 14 DAYS AFTER THE CONSTRUCTION ACTIVITY IN THAT AREA HAS TEMPORARILY OR PERMANENTLY CEASED. TEMPORARY AREAS HAVING A SLOPE GREATER THAN 3:1 SHALL BE REINFORCED WITH EROSION BLANKETS OR APPROVED EQUAL UNTIL THE SITE IS PROPERTY STABILIZED. TEMPORARY SWALES MAY ALSO BE REQUIRED IF DETERMINED NECESSARY IN THE FIELD BY THE ENGINEER.

11. THE CONTRACTOR SHALL INSTALL A SILT SACK OR APPROVED EQUIVALENT IN EACH EXISTING CATCH BASIN RECEIVING RUNOFF FROM THE SITE. UPON THE INSTALLATION OF EACH CATCH BASIN, THE CONTRACTOR SHALL INSTALL A SILT SACK OR APPROVED EQUIVALENT. THESE ARE TO BE INSPECTED AFTER EACH SIGNIFICANT STORM EVENT AND REMOVED AND EMPTIED AS NEEDED DURING THE ENTIRE CONSTRUCTION PERIOD.
12. SMALL, TEMPORARY, SEDIMENTATION BASINS MAY BE CONSTRUCTED ON AN AS-NEEDED BASIS DURING CONSTRUCTION TO AND IN THE CAPTURE OF SITE RUNOFF AND SEDIMENT. IT WILL BE THE RESPONSIBILITY OF THE SITE CONTRACTOR, IN CONSULTATION WITH THE ENGINEER, TO SIZE AND CREATE THESE BASINS IN APPROPRIATE LOCATIONS.
13. THE CONTRACTOR SHALL CONTAIN ALL SEDIMENT ONSITE. ALL EXITS FROM THE SITE WILL BE SWEEPED AS NECESSARY INCLUDING ANY SEDIMENT TRACKING. PAVED AREAS SHALL BE SWEEP AS NEEDED TO REMOVE SEDIMENT AND POTENTIAL POLLUTANTS WHICH MAY ACCUMULATE DURING SITE WORK.
14. ACCUMULATED SEDIMENT SHALL BE REMOVED FROM ALL TEMPORARY PRACTICES AND DISPOSED OF IN A PRE-APPROVED LOCATION BY THE CONTRACTOR AS DIRECTED BY THE ENGINEER.
15. THE CONTRACTOR SHALL PROVIDE ONSITE OR MAKE READILY AVAILABLE THE NECESSARY EQUIPMENT AND SITE PERSONNEL DURING CONSTRUCTION HOURS FOR THE DURATION OF THE PROJECT TO ENSURE ALL ESC DEVICES ARE PROPERLY MAINTAINED AND REPAIRED IN A TIMELY AND RESPONSIBLE MANNER. IF SITE WORK IS SUSPENDED DURING THE WINTER MONTHS, THE CONTRACTOR SHALL BE REQUIRED TO PROVIDE PERSONNEL AND EQUIPMENT EITHER ONSITE OR MAKE READILY AVAILABLE TO ENSURE ALL ESC DEVICES ARE PROPERLY MAINTAINED AND REPAIRED IN A TIMELY AND RESPONSIBLE MANNER.
16. PROPER MEASURES SHALL BE IMPLEMENTED BY THE CONTRACTOR IF DEWATERING IS NECESSARY DURING CONSTRUCTION. THESE MEASURES SHALL INCLUDE DEWATERING BAGS, TEMPORARY STRAWBALES, SILT FENCES, SILT SOCKS, AND/OR OTHER APPROVED DEVICES. THE DEWATERING SET UP SHALL BE APPROVED BY THE ENGINEER.
17. DUST SHALL BE CONTROLLED BY WATERING OR OTHER APPROVED METHODS AS NECESSARY, OR AS DIRECTED BY THE ENGINEER AT NO EXTRA COST TO THE OWNER.
18. THE CONTRACTOR IS RESPONSIBLE FOR THE INSPECTION AND MAINTENANCE DURING CONSTRUCTION OF ALL STORMWATER FACILITIES INSTALLED OR AFFECTED BY THE PROJECT. ANY SEDIMENT OR DEBRIS COLLECTED WITHIN THESE FACILITIES FROM THE PROJECT WORK SHALL BE REMOVED PRIOR TO THE OWNER'S ACCEPTANCE.

STORMWATER FACILITY OPERATION & MAINTENANCE:

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROPER INSPECTION AND MAINTENANCE OF ALL STORMWATER MANAGEMENT FACILITIES UNTIL SUCH TIME THAT THE PARKING LOT, BUILDING, AND ASSOCIATED UTILITIES ARE ACCEPTED BY THE OWNER AND THE ENGINEER.
2. THE CONTRACTOR SHALL INSPECT AND RESTORE/CLEAN ALL FACILITIES (INLETS, MANHOLES, INFILTRATION BASINS, ETC.) OF SEDIMENT AND DEBRIS PRIOR TO THE OWNER'S ACCEPTANCE.

3. ALL SEDIMENT AND DEBRIS SHALL BE DISPOSED OF PROPERLY IN A PRE-APPROVED LOCATION.
4. THE CONTRACTOR SHOULD REFER TO THE OPERATION & MAINTENANCE PLAN FOR ADDITIONAL INFORMATION PERTAINING TO STORMWATER FACILITY OPERATION AND MAINTENANCE REQUIREMENTS AND SHALL MAINTAIN A WORKING COPY ON SITE AT ALL TIMES.
5. ALL STORMWATER FACILITIES SHALL BE INSPECTED BY THE CONTRACTOR AFTER EVERY MAJOR RAINFALL EVENT FOR THE ENTIRE DURATION OF THE CONSTRUCTION PROJECT AND THE FIRST 3 MONTHS AFTER CONSTRUCTION TO ENSURE PROPER STABILIZATION AND CONSTRUCTION.
6. SPECIFIC ANNUAL MAINTENANCE SHALL BE AS FOLLOWS:
 - A. DRAINAGE STRUCTURES (INLETS & CATCH BASINS): ALL DRAINAGE STRUCTURES WILL BE INSPECTED ANNUALLY TO MONITOR FOR PROPER OPERATION, COLLECTION OF LITTER OR TRASH, AND STRUCTURAL DETERIORATION. PIPES AND STRUCTURES SHALL BE CLEANED OF SEDIMENT AS NECESSARY, AND REPAIRED WHEN REQUIRED.
 - B. INFILTRATION/RAINGARDEN SYSTEM: THE SYSTEM WILL BE INSPECTED ANNUALLY TO ENSURE THAT DESIGN INFILTRATION RATES ARE BEING MET. IF SEDIMENT OR ORGANIC DEBRIS BUILD-UP HAS LIMITED THE INFILTRATION CAPABILITIES AND BUILT UP WITHIN THE CHAMBERS AND/OR RAINGARDEN THE SYSTEM SHALL BE CLEANED IN ACCORDANCE WITH THE MANUFACTURER'S AND/OR ENGINEER'S REQUIREMENTS.
 - C. ROUTINE MAINTENANCE: OTHER ROUTINE MAINTENANCE WILL INCLUDE REMOVAL OF TRASH AND LITTER FROM THE SITE AND PERIMETER AREA AND ANNUAL STREET SWEEPING AFTER THE SPRING THAW TO AVOID EXCESSIVE ACCUMULATION OF SEDIMENT IN THE DRAINAGE SYSTEM. THE PIPES DRAINING THE PROJECT WILL BE INSPECTED ANNUALLY FOR PROPER FLOW.

NOTE: OPERATION AND MAINTENANCE CHECKLIST AVAILABLE UPON REQUEST

WATER & SEWER INSTALLATION NOTES:

UTILITY TYPE	MINIMUM COVER OVER TOP OF PIPE	MINIMUM HORIZONTAL DISTANCE TO DRAIN STRUCTURE
WATER MAIN	5'	2'

1. SEWER AND WATER MAINS SHALL BE INSTALLED ACCORDING TO THE FOLLOWING GUIDELINES TO PREVENT FREEZING OF THE MAIN OR SEWER.
2. DEAD END WATER LINES SHALL BE INSULATED WHERE SOIL COVER OR HORIZONTAL SEPARATION TO PRECAST STRUCTURES IS LESS THAN THE DISTANCE SPECIFIED ABOVE AND/OR WHERE SHOWN ON PLANS.
3. INSULATION SHALL BE 2" THICK POLYURETHANE INSULATION WITH PVC JACKET PLACED AROUND PIPE OR DESIGNER APPROVED EQUAL.
4. WATER AND SEWER SEPARATION SHALL TYPICALLY BE 10-FEET MINIMUM HORIZONTAL AND 18-INCHES VERTICAL WITH SEWER MAINS BELOW THE WATER MAINS (SEE DETAIL). IF SITE CONDITIONS REQUIRE LESS, THEN THE UTILITIES SHALL BE INSTALLED AS SHOWN IN THE CONSTRUCTION DETAILS.

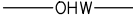
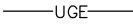
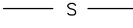
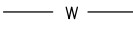
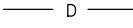




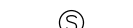




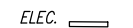
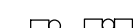
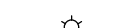
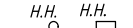
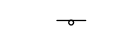



WATER SYSTEM NOTES:

1. THE CONTRACTOR SHALL CONSTRUCT THE WATER LINE AND ITS APPURTENANCE IN ACCORDANCE WITH THE LOCAL WATER DEPARTMENT'S STANDARDS AND SPECIFICATIONS AND PAY FOR ALL ASSOCIATED FEES AS REQUIRED BY THE WATER DEPARTMENT.
2. THE CONTRACTOR SHALL SUPPLY TWO COPIES OF SWORN CERTIFICATES TO PROVE THAT ALL PIPES AND FITTINGS ARE INSPECTED AND TESTED AS REQUIRED BY THE STANDARD SPECIFICATIONS TO WHICH THE MATERIAL IS MANUFACTURED.
3. ALL NEWLY INSTALLED WATER SYSTEM COMPONENTS SHALL BE CLEARED OF ALL FOREIGN MATERIALS SUCH AS DIRT AND MISCELLANEOUS DEBRIS PRIOR TO SYSTEM TESTING AND SHALL BE WITNESSED BY THE LOCAL WATER DEPARTMENT. NOT TESTING IS ALLOWED WITHOUT REMOVAL OF ALL FOREIGN MATERIALS.
4. THE CONTRACTOR SHALL BE RESPONSIBLE TO INSTALL AND REMOVE ALL NECESSARY BLOW-OFFS REQUIRED FOR THIS PROJECT AT NO EXTRA COST TO THE OWNER.

WATER SYSTEM INSTALLATION INSPECTION NOTES:

1. THE CONTRACTOR SHALL SUPPLY TO THE ENGINEER TWO COPIES OF SWORN CERTIFICATES TO PROVE THAT ALL PIPE AND FITTINGS ARE INSPECTED AND TESTED AS REQUIRED BY THE STANDARD SPECIFICATIONS TO WHICH THE MATERIAL IS MANUFACTURED.
2. A PRESSURE TEST AND DISINFECTION TEST OF ALL WATER LINES SHALL BE CONDUCTED BY THE CONTRACTOR AND WITNESSED BY THE APPROVED INSPECTOR OF THE ENGINEER. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING A MINIMUM OF 48-HOUR ADVANCE NOTICE TO THE LOCAL WATER DEPARTMENT PRIOR TO THE PRESSURE AND DISINFECTION TESTS. THE CONTRACTOR SHALL BE RESPONSIBLE TO PROVIDE ALL NECESSARY EQUIPMENT AND CHEMICALS TO PROPERLY CONDUCT THE TESTS.
3. THE CONTRACTOR SHALL BE RESPONSIBLE TO COLLECT ALL BACTERIOLOGICAL SAMPLES AND PAY FOR ALL RELATED LABORATORY FEES.
4. THE CONTRACTOR SHALL BE RESPONSIBLE TO MAINTAIN UP-TO-DATE AS-BUILT DRAWINGS AND NOTES INDICATE THE HORIZONTAL AND VERTICAL LOCATION WITHIN TWO TIES OFF ALL SYSTEM COMPONENTS INSTALLED. THESE AS-BUILT DRAWINGS AND NOTES WILL BE UTILIZED BY THE ENGINEER FOR THE PREPARATION OF RECORD PLANS.

LEGEND

	EXISTING OVERHEAD WIRES
	EXISTING UNDERGROUND ELECTRIC
	EXISTING SEWER LINES
	EXISTING WATER LINES
	EXISTING DRAINAGE LINES
	EXISTING CONTOURS
	EXISTING SPOT GRADE
	EXISTING HYDRANT
	EXISTING WATER VALVE
	EXISTING SEWER MANHOLE
	EXISTING DRAIN MANHOLE
	EXISTING CATCH BASIN
	EXISTING UTILITY POLE
	EXISTING GUY WIRE
	EXISTING ELECTRIC METER
	EXISTING LIGHT POLE
	EXISTING LIGHT POST
	EXISTING HAND HOLES
	EXISTING SIGNS
	EXISTING BOLLARD
	EXISTING HANDICAP PARKING
	EXISTING TREES



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Sheet Title:

CONSTRUCTION NOTES

Project:

PROPOSED SITE DEVELOPMENT IN CARVER, MA

Prepared For:

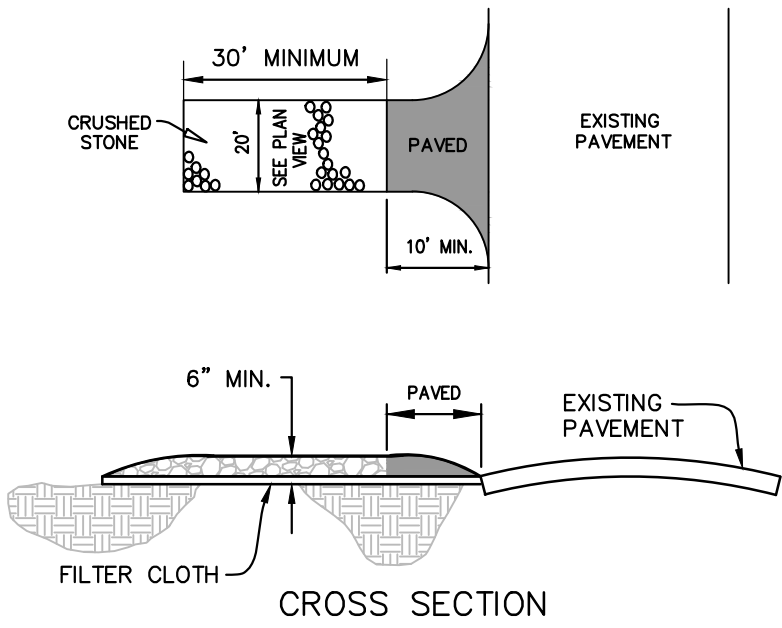
PLYMOUTH ELKS LODGE 1476

#169 SOUTH MEADOW ROAD
MAP: 113 PARCEL: 7-0-E

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No.	Date	Revision Description		By
Date:		Drawn:	Checked:	Sheet:
SEPTEMBER 15, 2023		RED/BEI	ZLB/AMG	2 of 7

PROJECT NOTES:

1. THE CONTRACTOR SHALL REPORT TO THE OWNER AND ENGINEER OF ANY SIGNIFICANT VARIATIONS IN EXISTING SITE CONDITIONS FROM THOSE SHOWN ON THESE PLANS. ANY PROPOSED REVISIONS TO THE WORK, IF REQUIRED BY THESE SITE CONDITIONS SHALL NOT BE UNDERTAKEN UNTIL REVIEWED AND APPROVED BY THE OWNER AND THE ENGINEER.
2. THE LOCATION OF UNDERGROUND UTILITIES AS REPRESENTED ON THESE PLANS IS BASED UPON PLANS AND INFORMATION PROVIDED BY THE RESPECTIVE UTILITY COMPANIES OR MUNICIPAL DEPARTMENTS SUPPLEMENTED BY FIELD IDENTIFICATION WHEREVER POSSIBLE. NO WARRANTY IS MADE AS TO THE ACCURACY OF THESE LOCATIONS OR THAT ALL UNDERGROUND UTILITIES ARE SHOWN. THE CONTRACTOR SHALL CONTACT DIG SAFE AT LEAST 72 HOURS PRIOR TO THE START OF CONSTRUCTION. DIG SAFE TELEPHONE NUMBER IS 1-800-322-4844.
3. THE CONTRACTOR SHALL VERIFY THE LOCATION, SIZE AND DEPTH OF EXISTING UTILITIES PRIOR TO TAPPING INTO, CROSSING OR EXTENDING THEM. IF THE NEW WORK POSES A CONFLICT WITH EXISTING UTILITIES, THE ENGINEER SHALL BE NOTIFIED PRIOR TO THE CONTRACTOR CONTINUING.
4. THE PLYMOUTH WATER DISTRICT WATER DEPARTMENT SHALL BE NOTIFIED BY THE CONTRACTOR PRIOR TO ANY WORK ON THE WATER SYSTEM.
5. PROJECTS ELEVATIONS ARE BASED THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88).
6. EXISTING SEPTIC TO BE MAINTAINED UNTIL NEW SYSTEM IS INSTALLED TO LIMIT INTERRUPTIONS IN THE EXISTING DAY CARE OPERATION. EXISTING TANKS ARE TO BE PUMPED, RUPTURED, AND BACKFILLED IN ACCORDANCE WITH 310 CMR 15.354.
7. ALL DISTURBED LANDSCAPE AND HARDSCAPE AREAS TO BE RE-ESTABLISHED.



TRACKING PAD NOTES:

STONE SIZE - USE 2" CRUSHED STONE

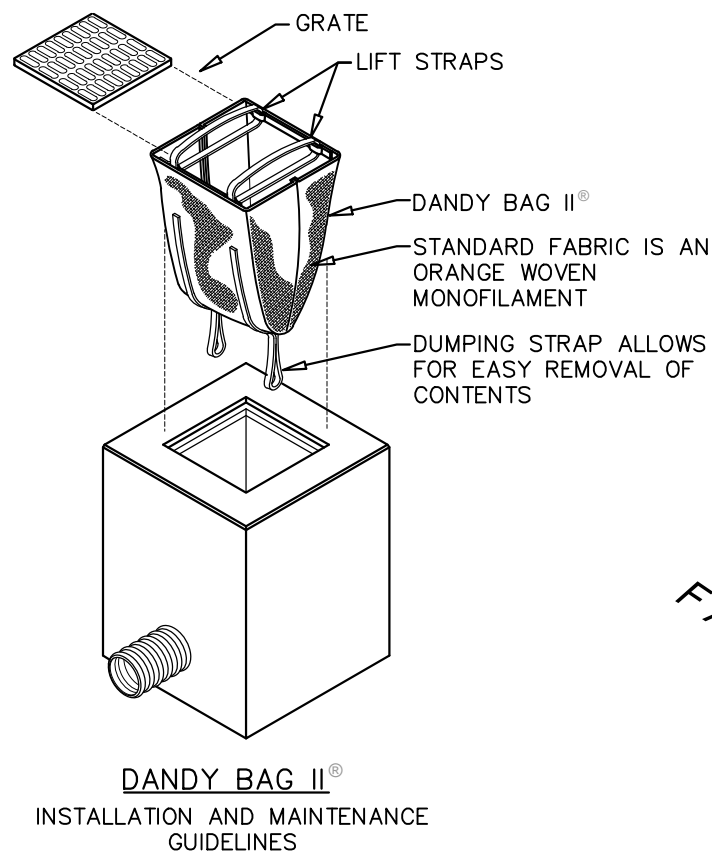
FILTER CLOTH - SHALL BE PLACED OVER THE ENTIRE AREA PRIOR TO PLACING OF STONE. STONE USED SHALL BE LARGE ENOUGH SO THAT IT DOES NOT GET PICKED UP AND TRACKED OFF THE SITE BY THE VEHICLE TRAFFIC.

SURFACE WATER - ALL SURFACE WATER FLOWING OR DIVERTED TOWARD CONSTRUCTION ENTRANCES SHOULD BE PIPED ACROSS THE ENTRANCE. IF PIPING IS IMPRACTICAL, A MOUNTABLE BERM SHOULD BE PERMITTED.

MAINTENANCE - THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH PREVENTS TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL STONE AS CONDITIONS DEMAND AND REPAIR OR CLEANING OF ANY MEASURES USED TO TRAP SEDIMENT. ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACKED ONTO PUBLIC RIGHTS-OF-WAY MUST BE REMOVED IMMEDIATELY.

CONSTRUCTION ENTRANCE TRACKING PAD DETAIL

NOT TO SCALE



INSTALLATION:

REMOVE THE GRATE FROM CATCH BASIN. IF USING OPTIONAL OIL ABSORBENTS, PLACE ABSORBENT PILLLOW IN UNIT. STAND THE GRATE ON END. MOVE THE TOP LIFTING STRAPS OUT OF THE WAY AND PLACE THE GRATE INTO THE DANDY BAG II SO THAT THE GRATE IS BELOW THE TOP STRAPS AND ABOVE THE LOWER STRAPS, HOLDING THE LIFTING DEVICES, INSERT THE GRATE INTO THE INLET.

MAINTENANCE:

REMOVE ALL ACCUMULATED SEDIMENT AND DEBRIS FROM VICINITY OF UNIT AFTER EACH STORM EVENT. AFTER EACH STORM EVENT AND AT REGULAR INTERVALS, LOOK INTO THE DANDY BAG II. IF THE CONTAINMENT AREA IS MORE THAN 1/4 FULL OF SEDIMENT, THE UNIT MUST BE EMPTIED. TO EMPTY UNIT, LIFT THE UNIT OUT OF THE INLET USING THE LIFTING STRAPS AND REMOVE THE GRATE. IF USING OPTIONAL OIL ABSORBENTS, REPLACE ABSORBENT WHEN NEAR SATURATION.

SILT SACK DETAIL

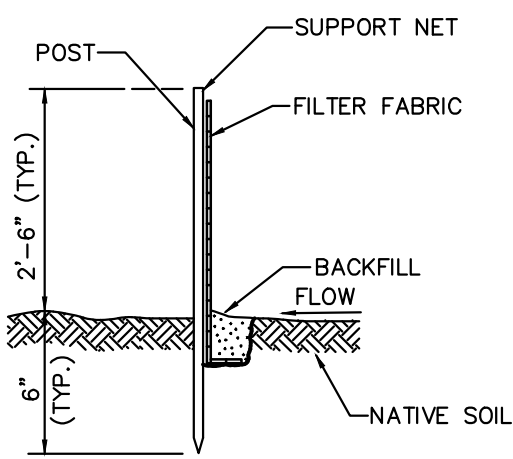
NOT TO SCALE

SOIL LOGS

DATE PERFORMED: JUNE 7, 2023
SOIL EVALUATOR: ROBERT E. DEWAR, EIT, SE#14230
MAX. GROUND WATER ELEV.: NONE TO 126.0
METHOD OF DETERMINATION: NO WATER / NO REDOX

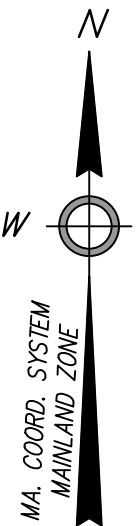
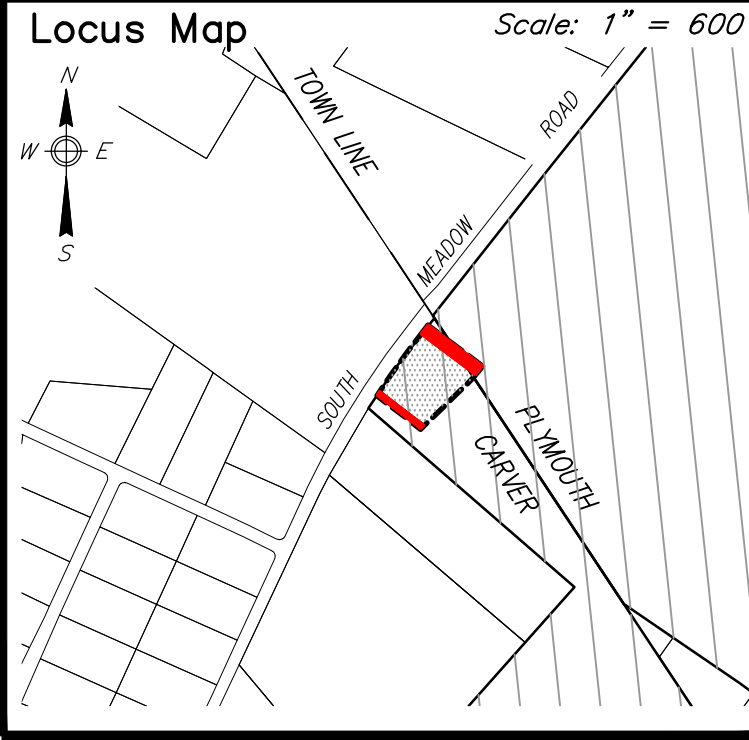
TP NO.	1	2
GRD. EL.	138.0	138.0
GW. EL.	NONE TO 127.0	NONE TO 156.5
0"	A/FILL LOAMY SAND 10YR 3/2	A/FILL LOAMY SAND 10YR 3/2
16"	Bw SLIGHTLY LOAMY SAND 10YR 7/6	Bw SLIGHTLY LOAMY SAND 10YR 7/6
32"	C MEDIUM SAND 2.5Y 6/6 10% GRAVEL	C MEDIUM SAND 2.5Y 6/6 10% GRAVEL
132"	NO REDOX NO WATER	NO REDOX NO WATER

TP NO.	3	4
GRD. EL.	138.2	138.1
GW. EL.	NONE TO 126.2	NONE TO 128.1
0"	Ap LOAMY SAND 10YR 3/2	Ap LOAMY SAND 10YR 3/2
10"	Bw LOAMY SAND 10YR 5/4	Bw LOAMY SAND 10YR 5/4
24"	C MEDIUM SAND 2.5Y 6/6 10% GRAVEL 2% COBBLE	C MEDIUM SAND 2.5Y 6/6 10% GRAVEL 2% COBBLE
144"	NO REDOX NO WATER	NO REDOX NO WATER



SILTATION FENCE DETAIL

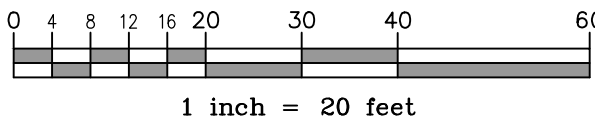
NOT TO SCALE



LEGEND

- OHW — EXISTING OVERHEAD WIRES
- UGE — EXISTING UNDERGROUND ELECTRIC
- S — EXISTING SEWER LINES
- W — EXISTING WATER LINES
- D — EXISTING DRAINAGE LINES
- 90 --- EXISTING CONTOURS
- 90x5 EXISTING SPOT GRADE
- ⊕ EXISTING HYDRANT
- ⊕ EXISTING WATER VALVE
- ⊕ EXISTING SEWER MANHOLE
- ⊕ EXISTING DRAIN MANHOLE
- ⊕ EXISTING CATCH BASIN
- ⊕ EXISTING UTILITY POLE
- ⊕ EXISTING GUY WIRE
- ⊕ EXISTING ELECTRIC METER
- ⊕ EXISTING LIGHT POLE
- ⊕ EXISTING LIGHT POST
- ⊕ EXISTING HAND HOLES
- ⊕ EXISTING SIGNS
- ⊕ EXISTING BOLLARD
- ⊕ EXISTING HANDICAP PARKING
- ⊕ EXISTING TREES

PLAN SCALE



ZONING REQUIREMENTS:

AIRPORT DISTRICT (AP)

MIN. LOT SIZE.....	40,000 S.F.
FRONTAGE.....	150' MIN.
FRONT YARD.....	40' MIN.
SIDE YARD.....	30' MIN.
REAR YARD.....	30' MIN.
LOT COVERAGE.....	50% MAX.
BUILDING HEIGHT.....	40' MAX.

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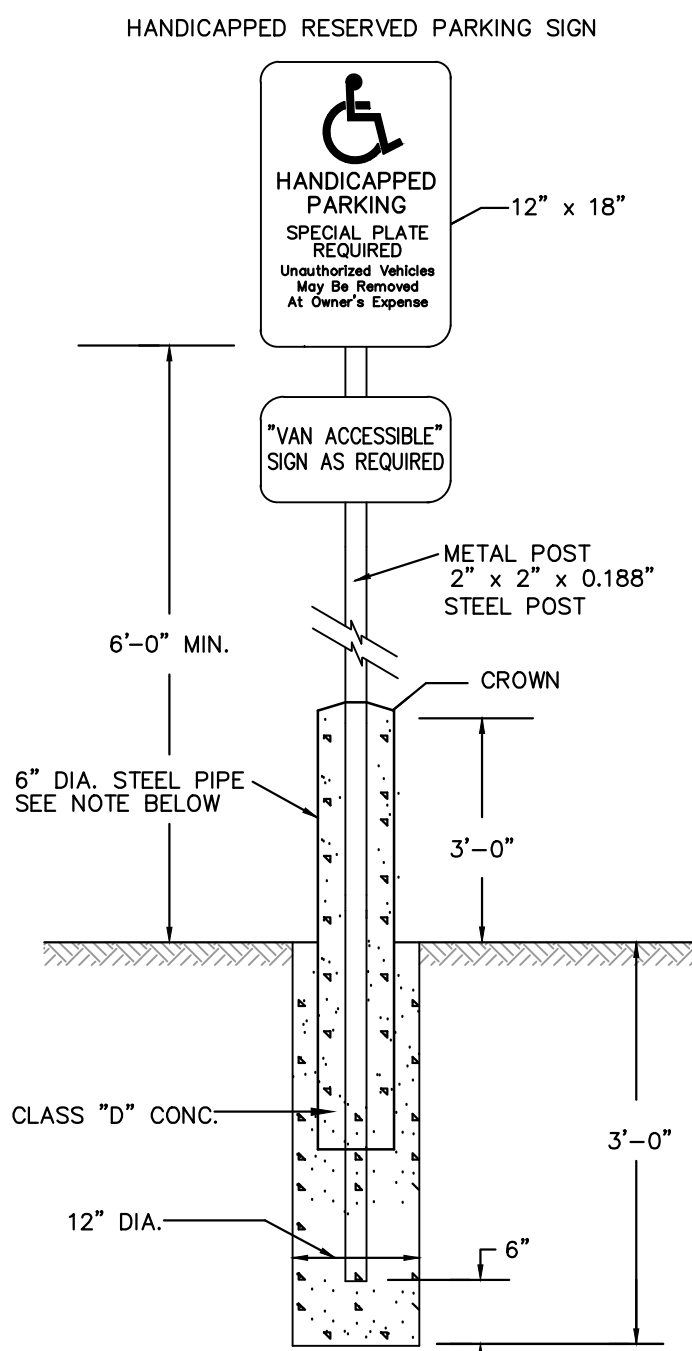
EXISTING CONDITIONS &
SITE PREPARATION

Project:

PROPOSED SITE
DEVELOPMENT
IN CARVER, MA
Prepared For:
PLYMOUTH ELKS LODGE 1476
#169 SOUTH MEADOW ROAD
MAP: 113 PARCEL: 7-0-E

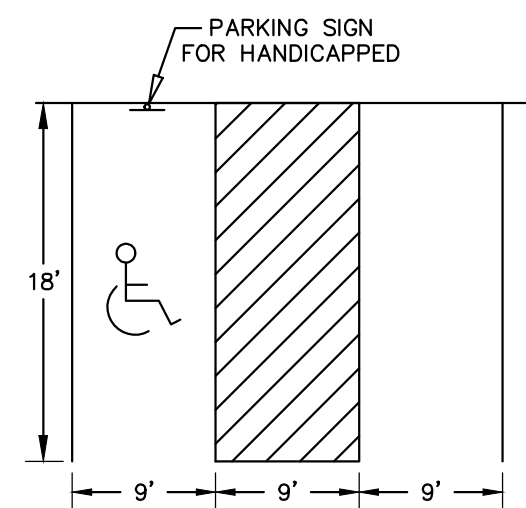
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No.	Date	Revision Description	By
Date:	SEPTEMBER 15, 2023	Drawn: RED/BE	Checked: ZLB/AMG
Sheet:	3 of 7		

ISSUED FOR PERMIT



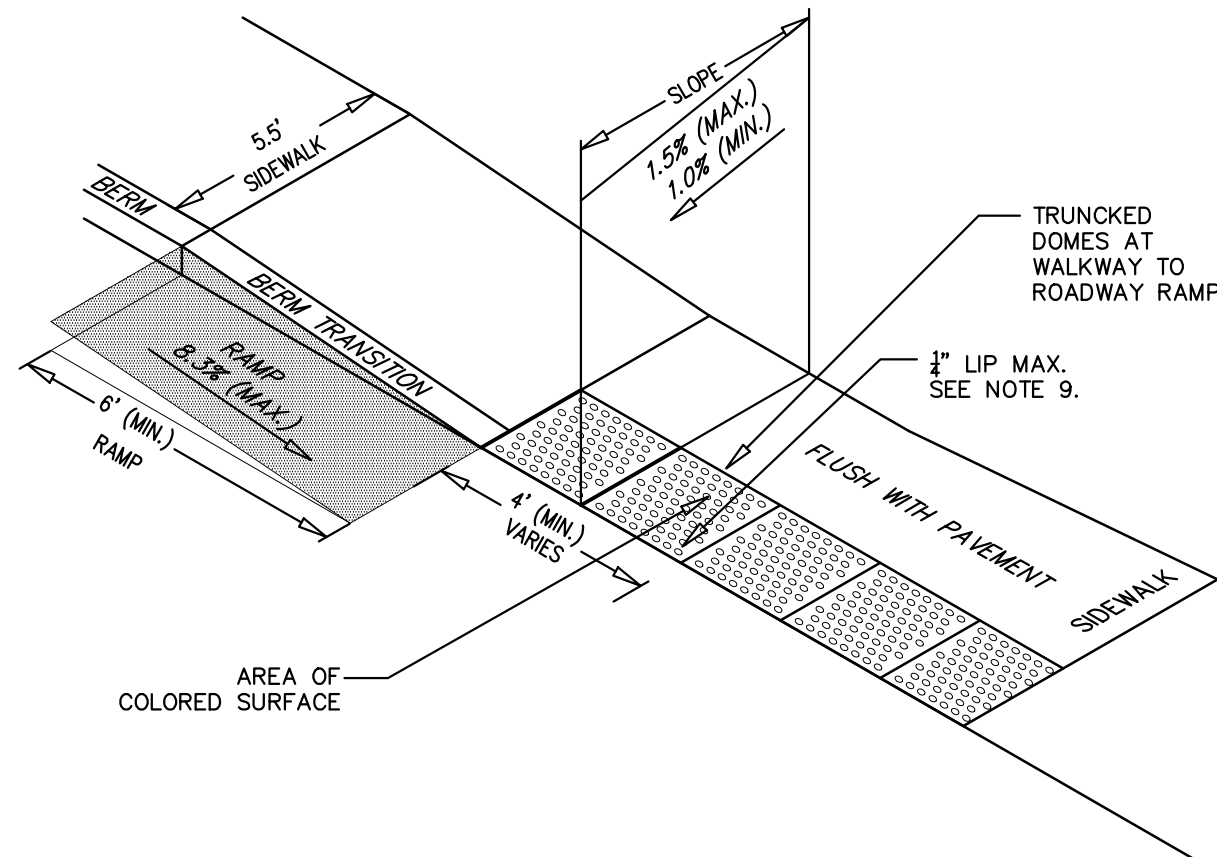
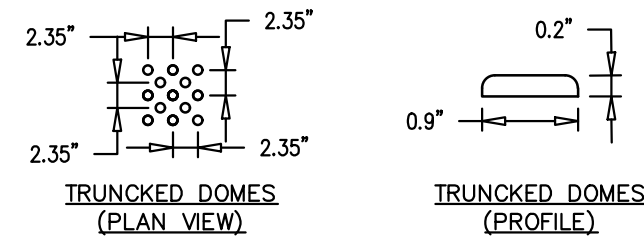
NOTE: SIGN LAYOUT, COLORS, SYMBOL AND LETTERING SHALL BE STANDARD.

HANDICAP PARKING SIGN
NOT TO SCALE



NOTE: GRADE TO BE 2% MAXIMUM IN ANY DIRECTION ACROSS HANDICAP STALLS AND LOADING AREAS.

HANDICAP PARKING DETAIL
NOT TO SCALE

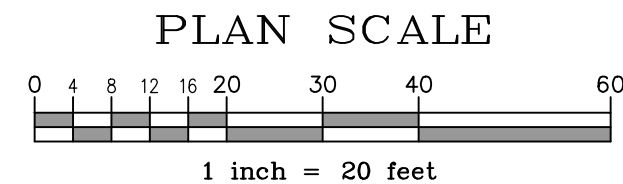


HANDICAP RAMP DETAIL
NOT TO SCALE

NOTES:

1. THE MAXIMUM ALLOWABLE SIDEWALK AND CURB RAMP CROSS SLOPES SHALL BE 1.5% (1.0% MIN.).
2. THE MAXIMUM ALLOWABLE SLOPE OF ACCESSIBLE ROUTE EXCLUDING CURB RAMP SLOPES SHALL BE 5%.
3. THE MAXIMUM ALLOWABLE SLOPE OF ACCESSIBLE ROUTE CURB RAMP SLOPES SHALL BE 7.5%.
4. A MINIMUM DISTANCE OF 3' CLEAR SHALL BE MAINTAINED AT ANY PERMANENT OBSTACLE IN THE ACCESSIBLE ROUTE (I.E., HYDRANTS, UTILITY POLES, TREE WELLS, SIGNS, ETC.).
5. CURB TREATMENT VARIES, SEE PLANS FOR CURB TYPE.
6. RAMP, CURB, AND ADJACENT PAVEMENTS SHALL BE GRADED TO PREVENT PONDING.
7. TYPICAL SIDEWALK SECTION FOR RAMP CONSTRUCTION.
8. WHERE ACCESSIBLE ROUTES ARE LESS THAN 5' IN WIDTH (EXCLUDING CURBING) A 5' x 5' PASSING AREA SHALL BE PROVIDED AT INTERVALS NOT TO EXCEED 200'.
9. ELIMINATE CURBING AT RAMP WHERE IT ABUTS ROADWAY, EXCEPT WHERE VERTICAL CURBING IS INDICATED ON THE DRAWING TO BE INSTALLED AND SET FLUSH.
10. DETECTABLE WARNINGS SHALL CONTRAST VISUALLY AND AUDIBLY WITH ADJOINING SURFACES.

#167 SOUTH MEADOW STREET
MAP 113 PARCEL 6-G-D



ZONING SUMMARY		
ZONING DISTRICT: AP	REQUIRED	PROPOSED
MINIMUM LOT AREA	40,000 S.F.	53,800 S.F. (LEASE AREA)
MINIMUM FRONTAGE	150'	237.72'
MINIMUM FRONT YARD	40'	42.4'±
MINIMUM SIDE YARD	30'	84.1'±
MINIMUM REAR YARD	30'	102.1'±
MAXIMUM LOT COVERAGE	50% (BY BUILDING)	4.9%
MAXIMUM HEIGHT	40'	<40'

PARKING SUMMARY

USE	REQUIRED	TOTAL
CLUB WITH ALCOHOL (76 SEATS) + (4 EMPLOYEES)	1 SPACE / 4 SEATS + 1 SPACE / EMPLOYEE	19 SPACES + 5 SPACES

TOTAL REQUIRED = 24 SPACES

TOTAL PROVIDED = 35 SPACES

** ADDITIONAL SPACES PROVIDED FOR DROP-OFF, PICKUP & VOLUNTEERS

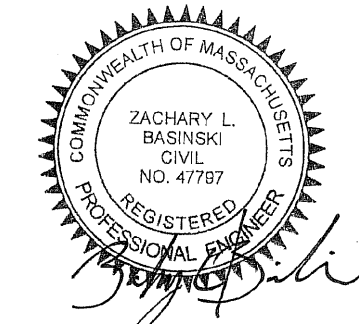
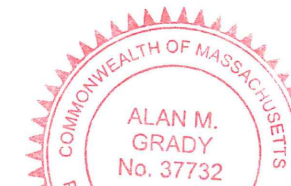
ADA PARKING SUMMARY
per §821 CMR 23.2.1

REQUIRED:

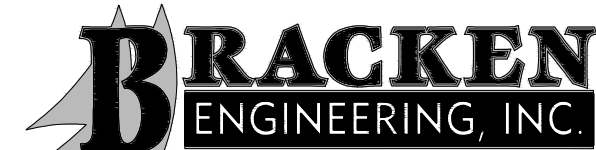
TOTAL PARKING SPACES = 35
MIN. ACCESSIBLE SPACES REQUIRED = 2 (MIN. of 1 VAN ACCESSIBLE)

PROVIDED:

(2) VAN ACCESSIBLE SPACE



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Sheet Title:

LAYOUT & ZONING

Project:

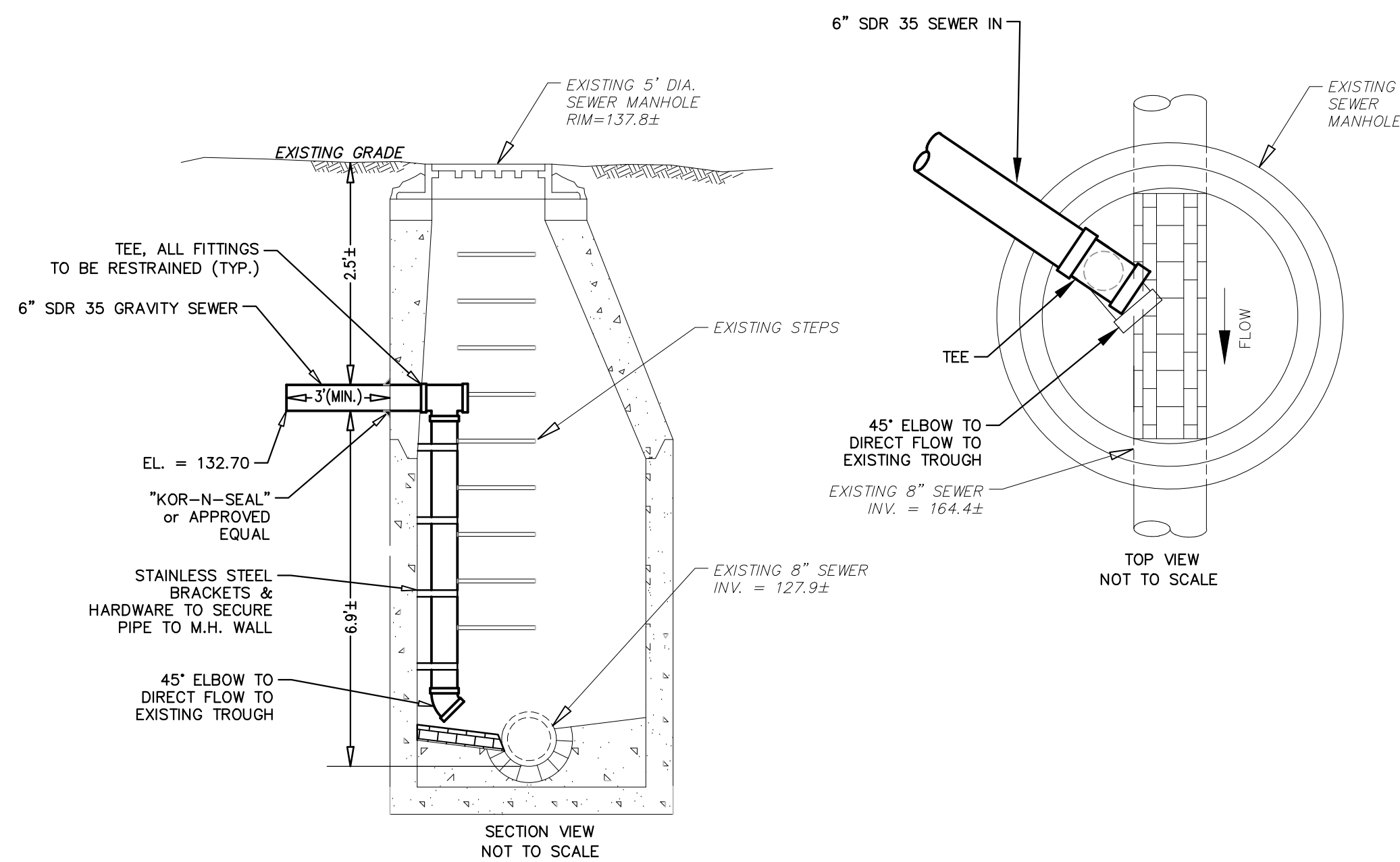
**PROPOSED SITE
DEVELOPMENT
IN CARVER, MA**

Prepared For:

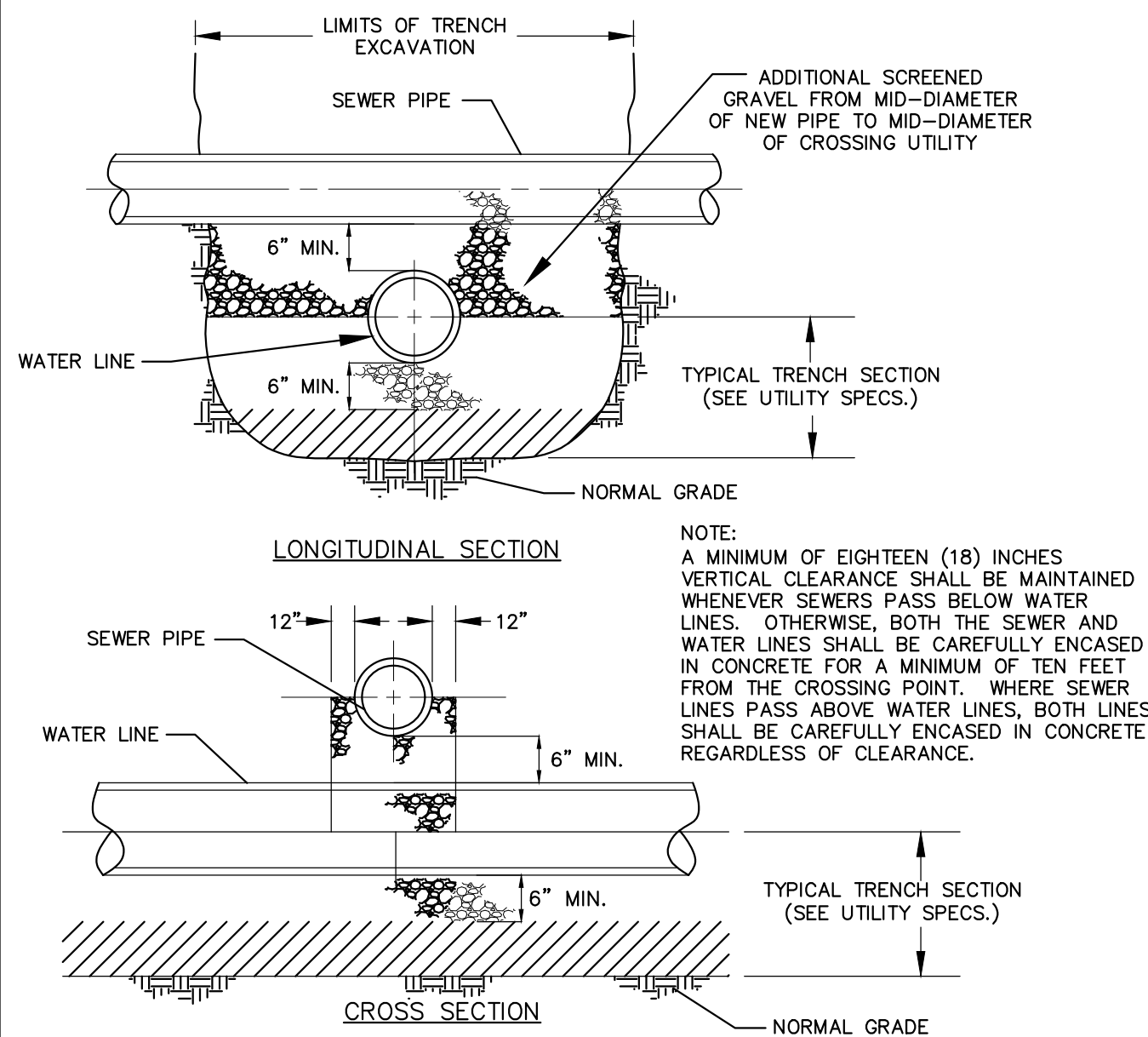
PLYMOUTH ELKS LODGE 1476
#169 SOUTH MEADOW ROAD
MAP: 113 PARCEL: 7-0-E

Date: SEPTEMBER 15, 2023 Drawn: RED/BEI Checked: ZLB/AMG Sheet: 4 of 7

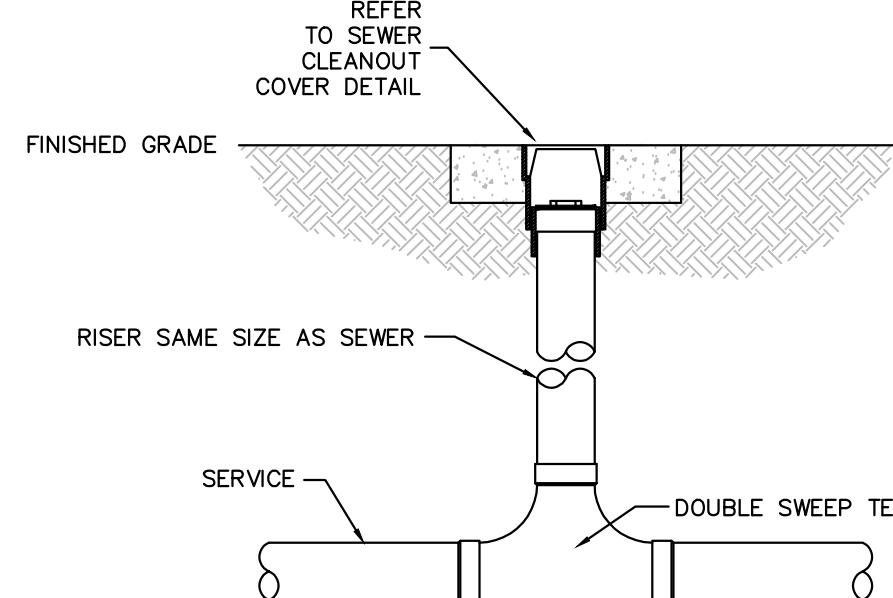
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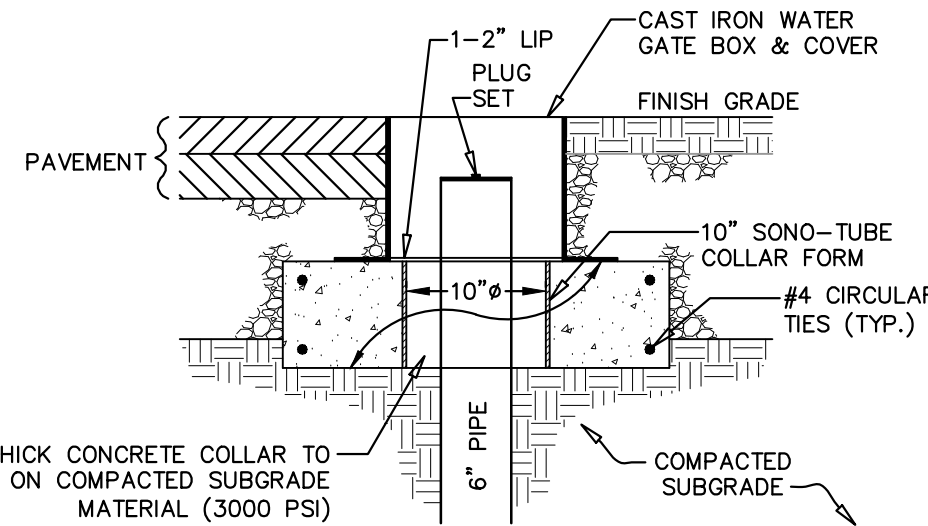
INSIDE DROP CONNECTION SEWER MANHOLE DETAIL
NOT TO SCALE



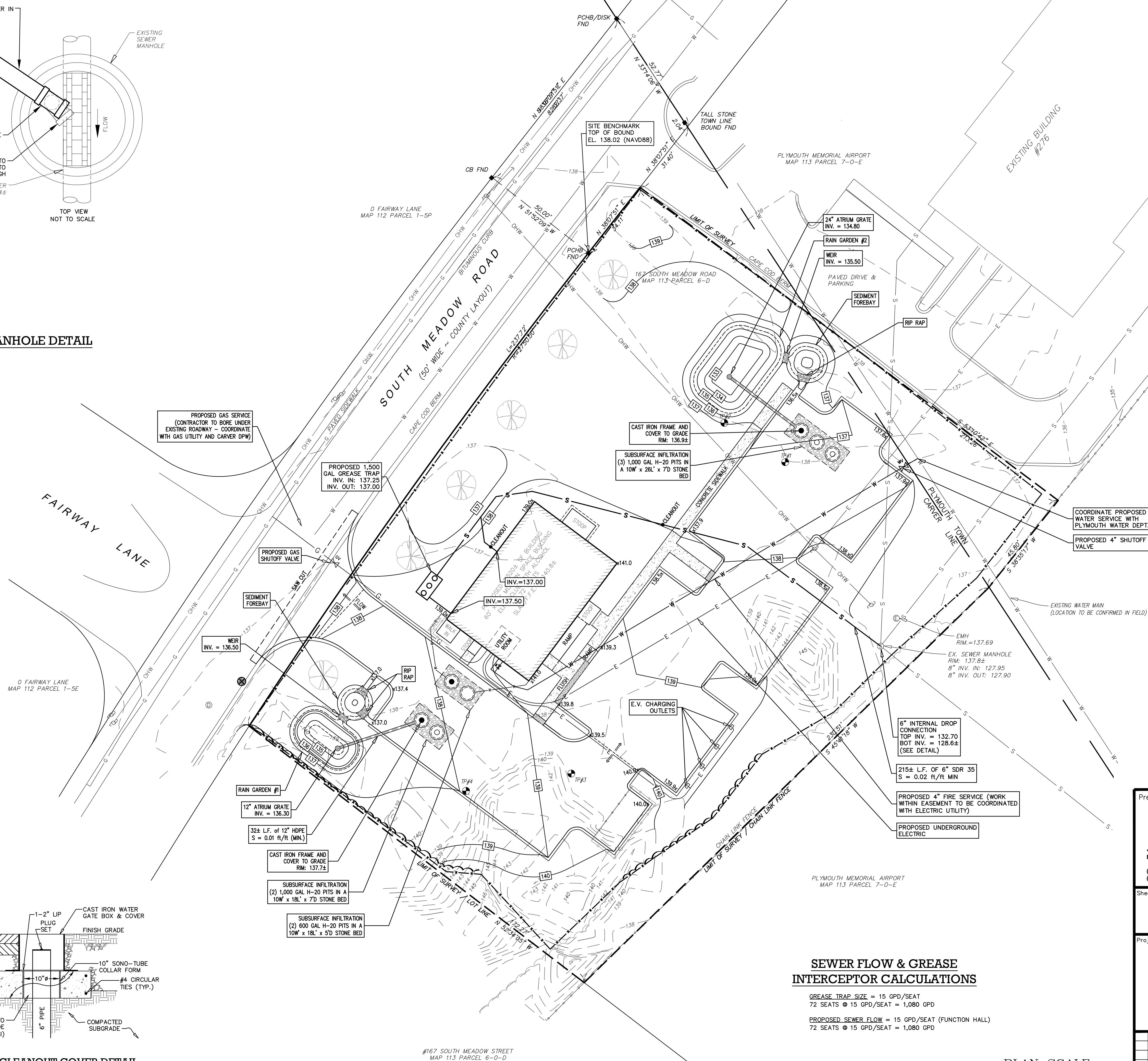
UTILITY CROSSING DETAILS
NOT TO SCALE



TWO-WAY SEWER CLEANOUT DETAIL
NOT TO SCALE

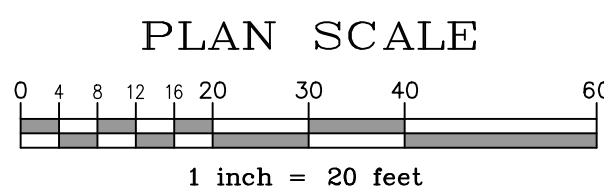


SEWER CLEANOUT COVER DETAIL
NOT TO SCALE



SEWER FLOW & GREASE INTERCEPTOR CALCULATIONS

GREASE TRAP SIZE = 15 GPD/SEAT
72 SEATS @ 15 GPD/SEAT = 1,080 GPD
PROPOSED SEWER FLOW = 15 GPD/SEAT (FUNCTION HALL)
72 SEATS @ 15 GPD/SEAT = 1,080 GPD



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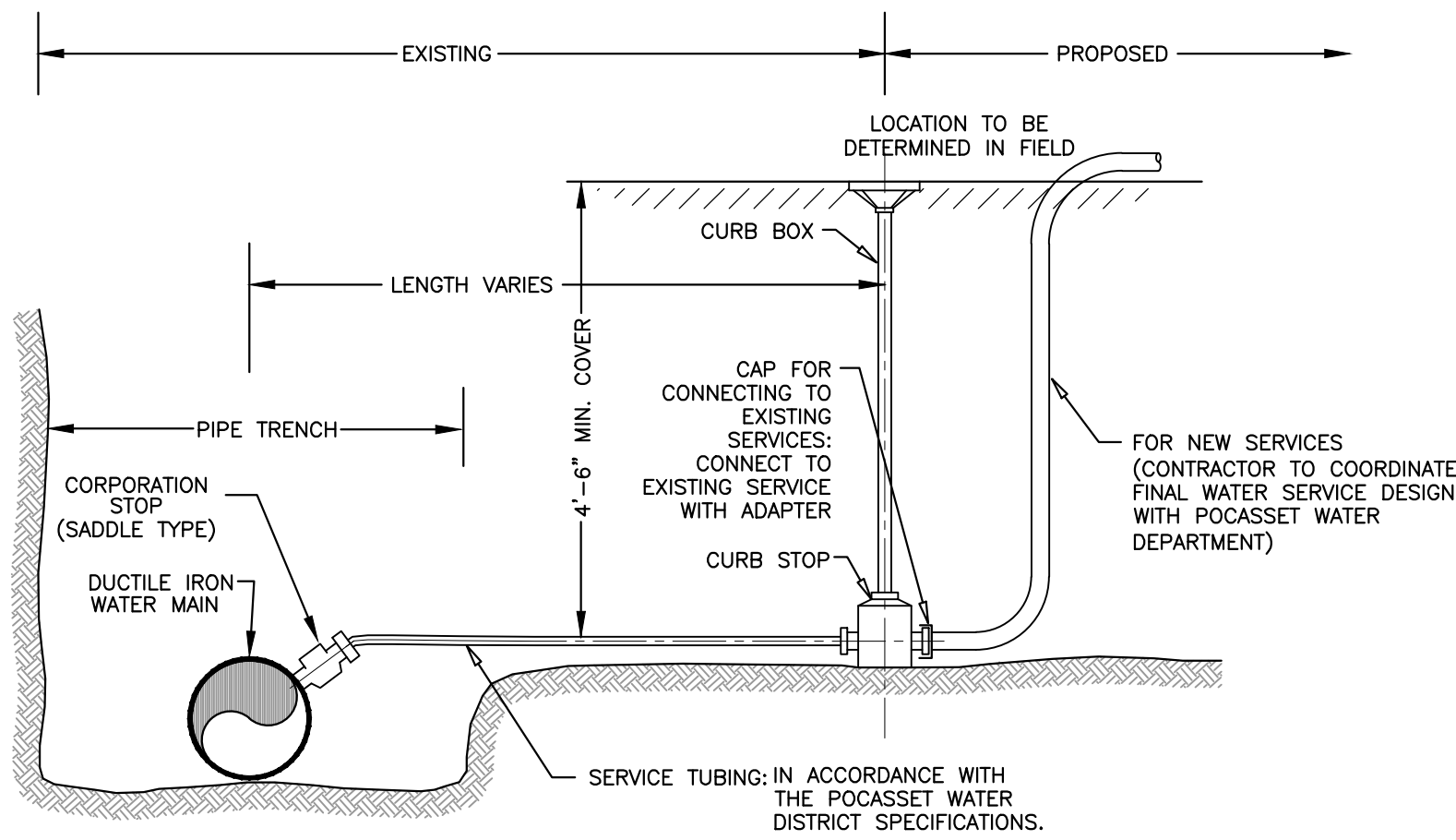
Sheet Title:
GRADING, DRAINAGE & UTILITIES

Project:
PROPOSED SITE DEVELOPMENT IN CARVER, MA
Prepared For:
PLYMOUTH ELKS LODGE 1476
#169 SOUTH MEADOW ROAD
MAP: 113 PARCEL: 7-0-E

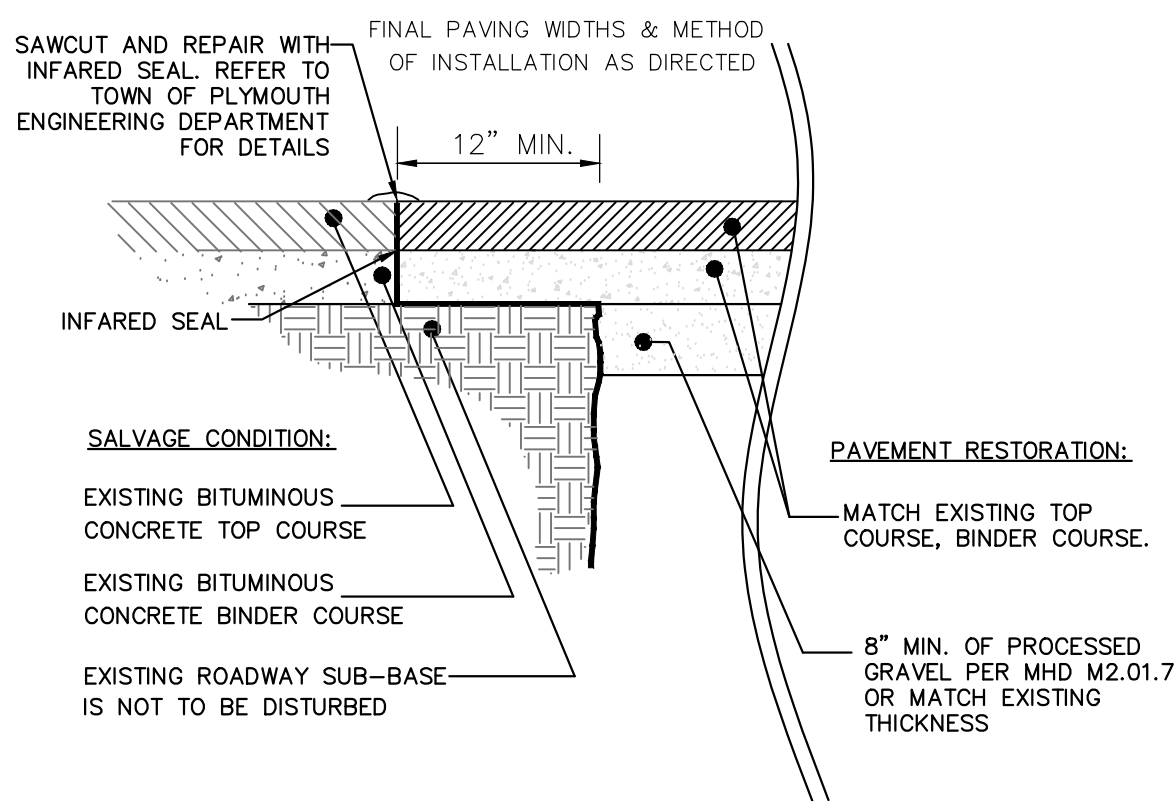
No.	Date	Revision Description	By
1	11/13/23	REVISED BASED ON INITIAL P.B. COMMENTS	RED

Date: SEPTEMBER 15, 2023
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Sheet: 5 of 7

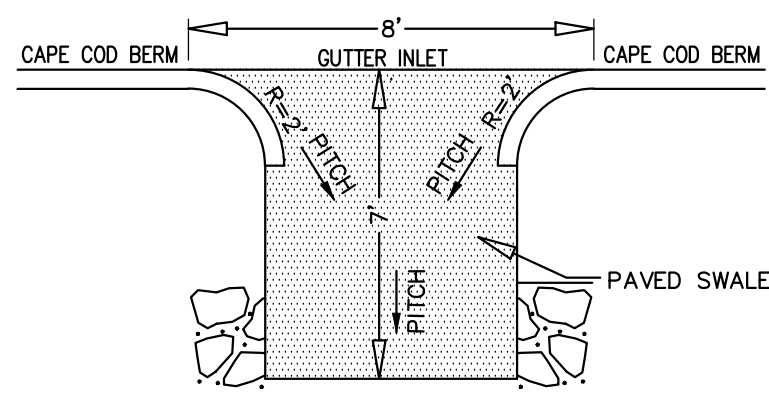
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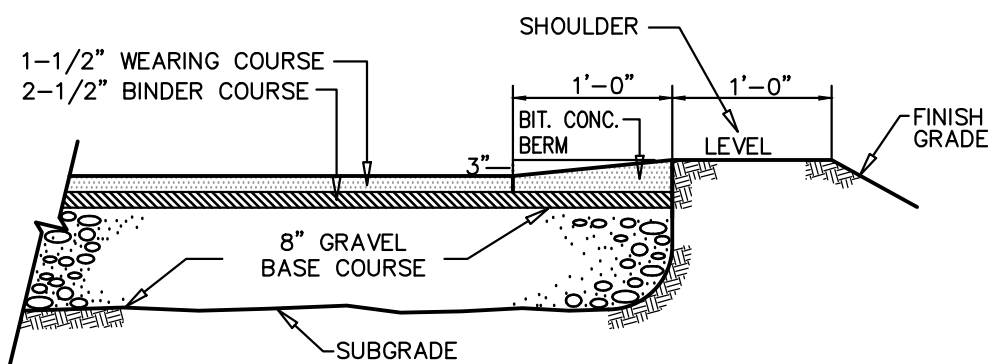
TYPICAL WATER SERVICE CONNECTION
NOT TO SCALE



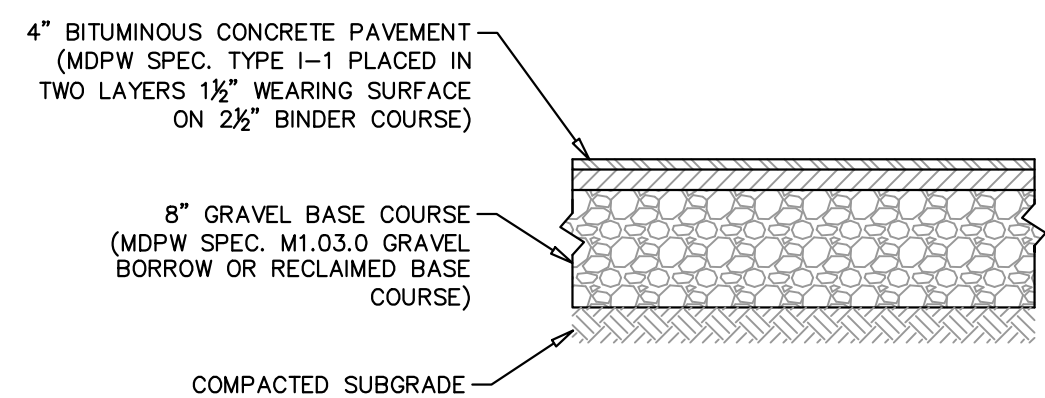
PAVEMENT SAW CUT & INFARED SEAL DETAIL
NOT TO SCALE



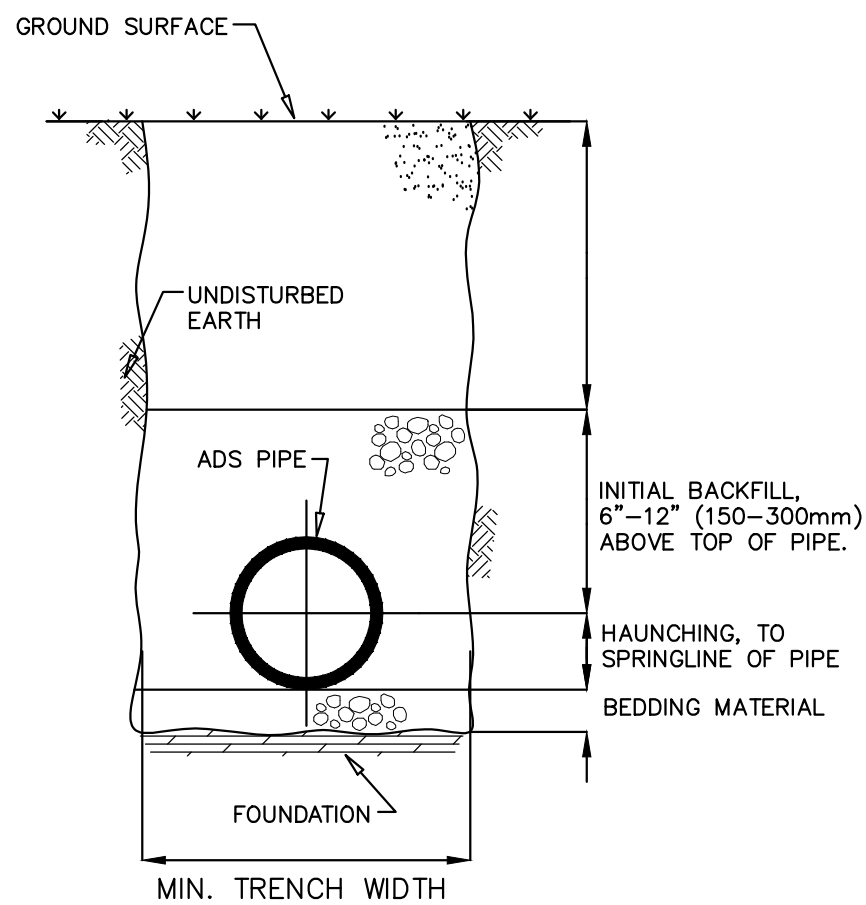
PAVED SWALE DETAIL
NOT TO SCALE



CAPE COD BERM
NOT TO SCALE



PARKING AREA PAVEMENT SECTION
NOT TO SCALE



NOTES:

1. **FOUNDATION:** WHERE THE TRENCH BOTTOM IS UNSTABLE, THE CONTRACTOR SHALL EXCAVATE TO A DEPTH REQUIRED BY THE ENGINEER AND REPLACE WITH A FOUNDATION OF CLASS I OR II MATERIAL AS DEFINED IN ASTM D2321. "STANDARD PRACTICE FOR INSTALLATION OF THERMOPLASTIC PIPE FOR SEWERS AND OTHER GRAVITY-FLOW APPLICATIONS," LATEST EDITION; AS AN ALTERNATIVE AND AT THE DISCRETION OF THE ENGINEER, THE TRENCH BOTTOM MAY BE STABILIZED USING A WOVEN GEOTEXTILE FABRIC.

2. **BEDDING, HAUNCHING & INITIAL BACKFILL:** SUITABLE MATERIAL SHALL CONSIST OF CLEAN, HARD, PARTICLES OF GRAVEL MEETING THE FOLLOWING:

SIEVE SIZES	PASSING
No. 4	85-95%
No. 8	5-15%
No. 16	0-2%

MATERIAL SHALL BE INSTALLED AS REQUIRED IN ASTM D2321, LATEST EDITION.

MINIMUM BEDDING THICKNESS SHALL BE 4" (100MM) FOR 4"-24" (100-600MM) AND 42"-48" (1050-1200MM) CORRUGATED POLYETHYLENE PIPE (CPEP); 6" (150MM) FOR 30"-36" (750-900MM) CPEP.

4. MINIMUM TRENCH WIDTHS SHALL BE AS FOLLOWS:

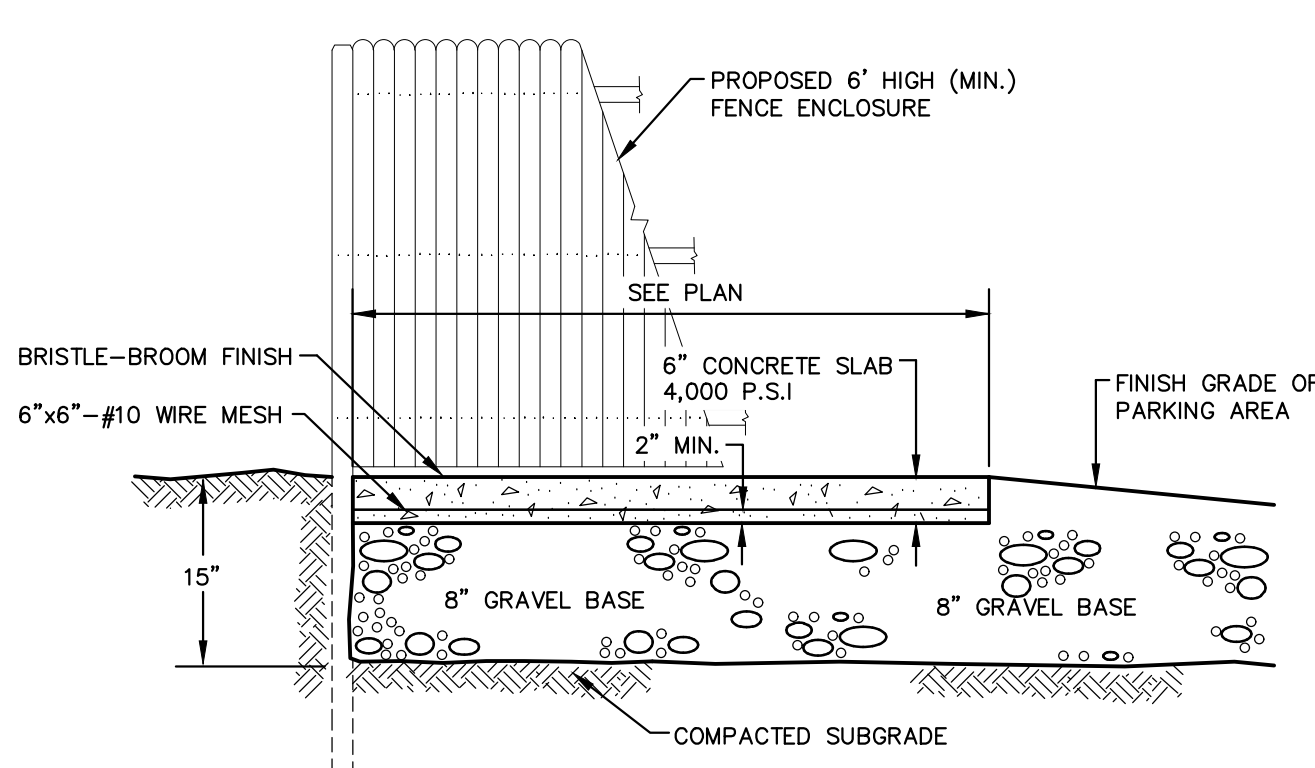
NOMINAL Ø in (mm)	MIN. RECOMMENDED TRENCH WIDTH, in (mm)
8 (200)	25 (630)
10 (250)	28 (710)
12 (300)	31 (790)
15 (375)	34 (860)
18 (450)	39 (990)

5. **MINIMUM COVER:** MINIMUM RECOMMENDED DEPTHS OF COVER FOR VARIOUS LIVE LOADING CONDITIONS ARE SUMMARIZED IN THE FOLLOWING TABLE. UNLESS OTHERWISE NOTED, ALL DIMENSIONS ARE TAKEN FROM THE TOP OF PIPE TO THE GROUND SURFACE.

SURFACE LIVE LOADING CONDITION	MINIMUM RECOMMENDED COVER, in (mm)
H25 (FLEXIBLE PAVEMENT)	12 (300)
H25 (RIGID PAVEMENT)	12 (300)
E80 RAILWAY	24 (610)
HEAVY CONSTRUCTION	48 (1220)

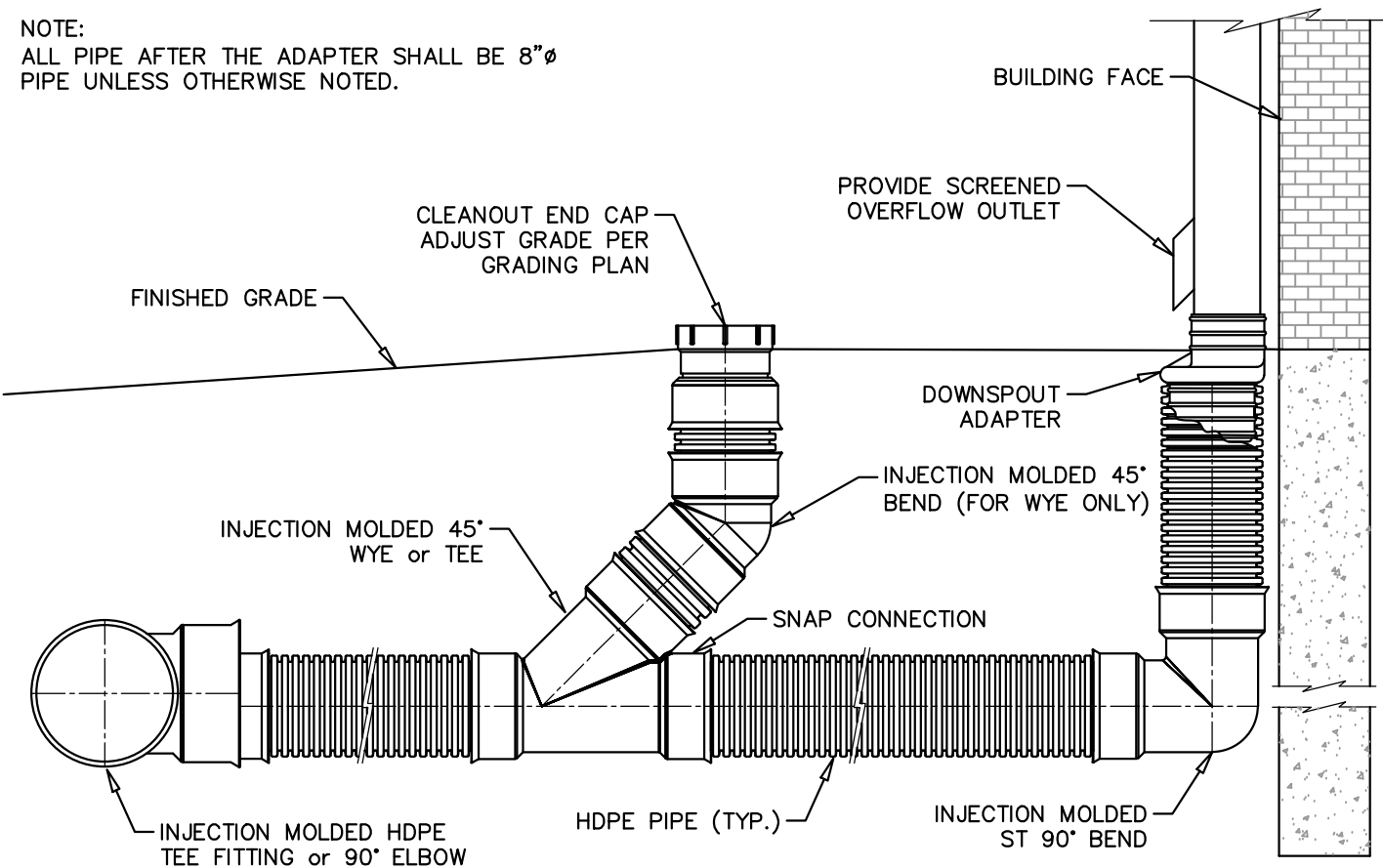
*TOP OF PIPE TO BOTTOM OF BITUMINOUS PAVEMENT SECTION

TRENCH CROSS-SECTION & A.D.S. PIPE INSTALLATION DETAIL
NOT TO SCALE



CONCRETE PAD and FENCE FOR TRASH CONTAINER
NOT TO SCALE

NOTE:
ALL PIPE AFTER THE ADAPTER SHALL BE 8"Ø PIPE UNLESS OTHERWISE NOTED.



TYPICAL ROOF DRAIN DETAIL
NOT TO SCALE

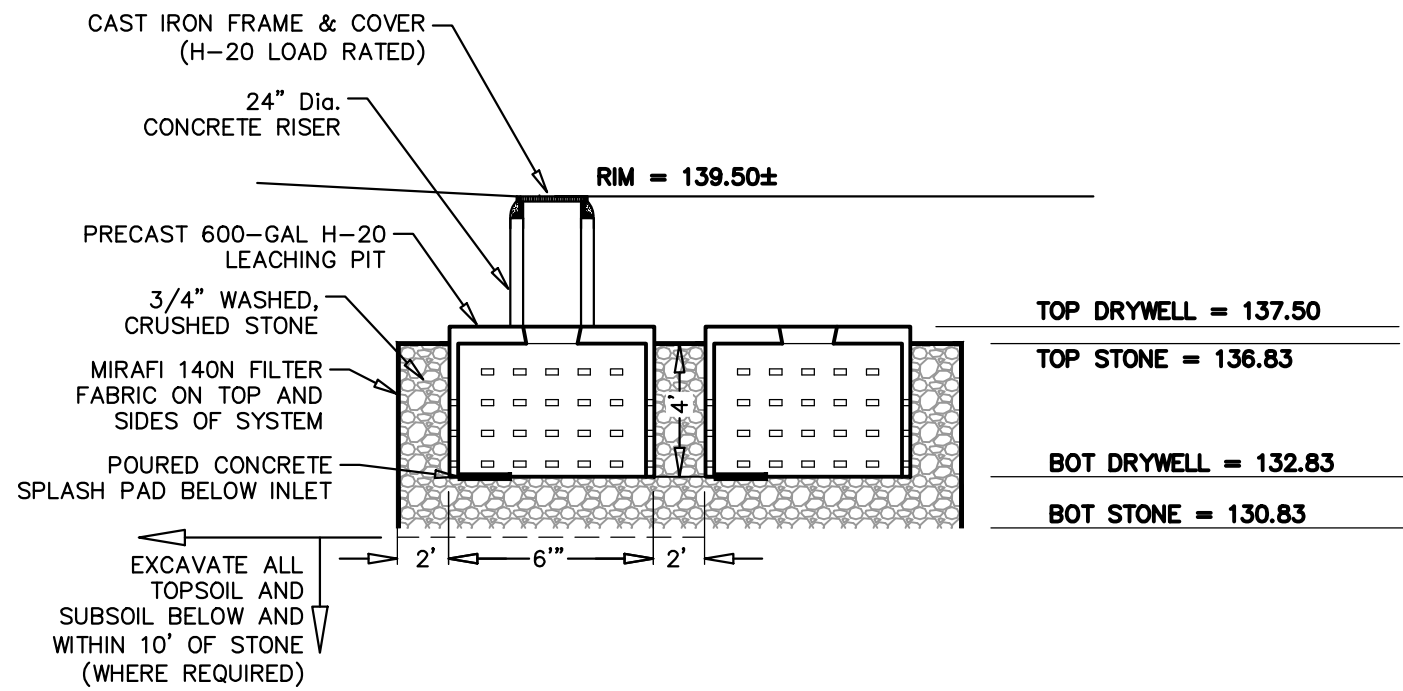
TABLE OF CONCRETE THRUST RESTRAINT MINIMUM BEARING AREAS IN SQUARE FEET AGAINST UNDISTURBED MATERIAL FOR FORCE MAIN FITTINGS				
SIZE OF MAIN	90° BENDS, TEES, CAPS AND PLUGS	45° BENDS AND WYES	22 1/2° BENDS	11 1/4° BENDS
3"-4"	5	4	2	2
6"-12"	12	9	5	2

NOTES:

- ALL FORCE MAIN FITTINGS SHALL HAVE CONCRETE BACKING FOR THRUST RESTRAINT UNLESS OTHERWISE SPECIFIED.
- CONTRACTOR SHALL USE CARE TO AVOID PLACEMENT OF CONCRETE ON THE FITTING JOINTS.
- VOLUME AND ACTUAL PLACEMENT DETERMINED BY CHART.
- PLACE ALL CONCRETE ON UNDISTURBED SOIL OR ROCK.
- ENGINEER MAY REQUIRE THRUST RODS TO BE USED INSTEAD OF CONCRETE ANCHORS, AT NO ADDITIONAL COST DUE TO FIELD CONDITIONS.
- REINFORCING (TIE) RODS TO BE #8 BARS. COAT EXPOSED BAR WITH ASPHALT.
- RESTRAINED JOINT RETAINER GLANDS SHALL BE USED WHERE DIRECTED BY THE ENGINEER AT NO ADDITIONAL COST TO THE OWNER.

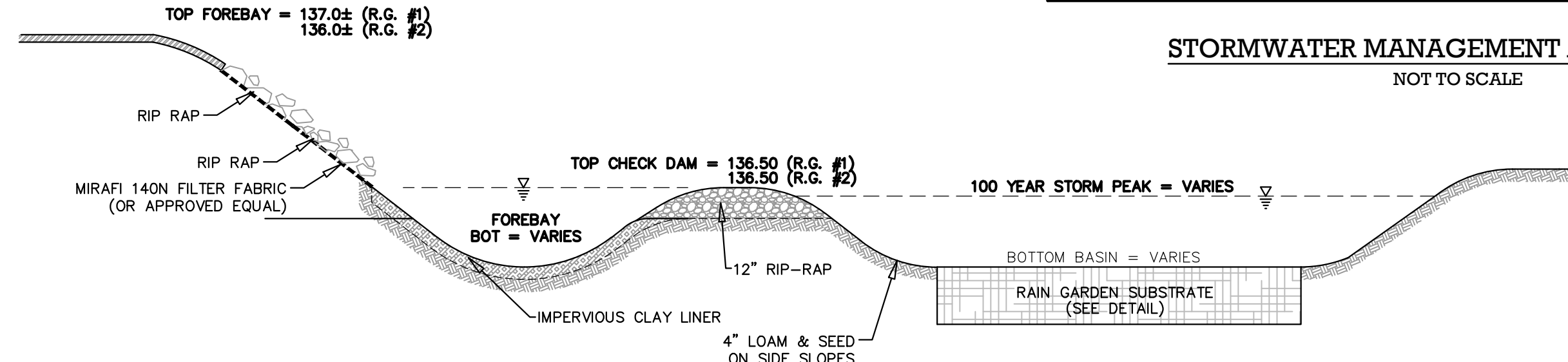
CONCRETE THRUST RESTRAINT FOR FITTINGS

NOT TO SCALE



ROOF DRYWELL DETAIL

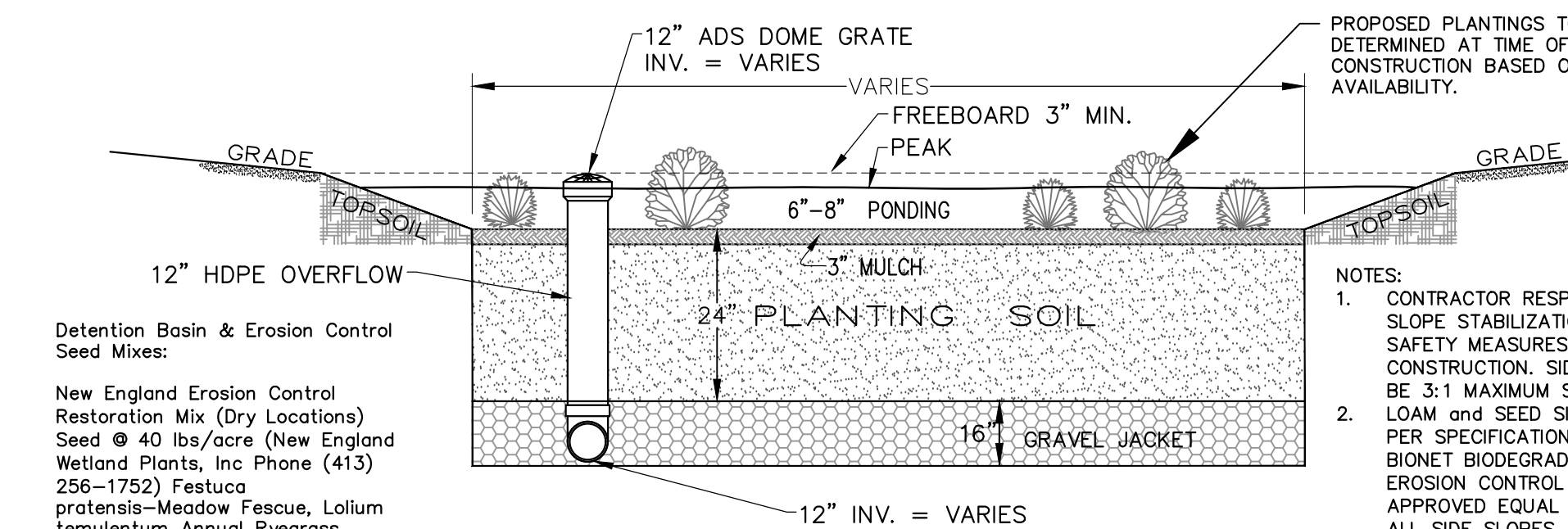
NOT TO SCALE



- NOTES:
- CONTRACTOR RESPONSIBLE FOR SLOPE STABILIZATION AND SAFETY MEASURES DURING CONSTRUCTION. SIDE SLOPES TO BE 3:1 MAXIMUM SLOPE.
 - LOAM AND SEED SIDE SLOPES PER SPECIFICATIONS. USE BIONET BIODEGRADABLE EROSION CONTROL BLANKET OR APPROVED EQUAL TO STABILIZE ALL SIDE SLOPES. THE REMAINING DISTURBED AREA SHALL BE LOAM AND SEEDED OR LANDSCAPED PER PLANTING PLAN.

TYPICAL FOREBAY TO RAIN GARDEN DETAIL

NOT TO SCALE

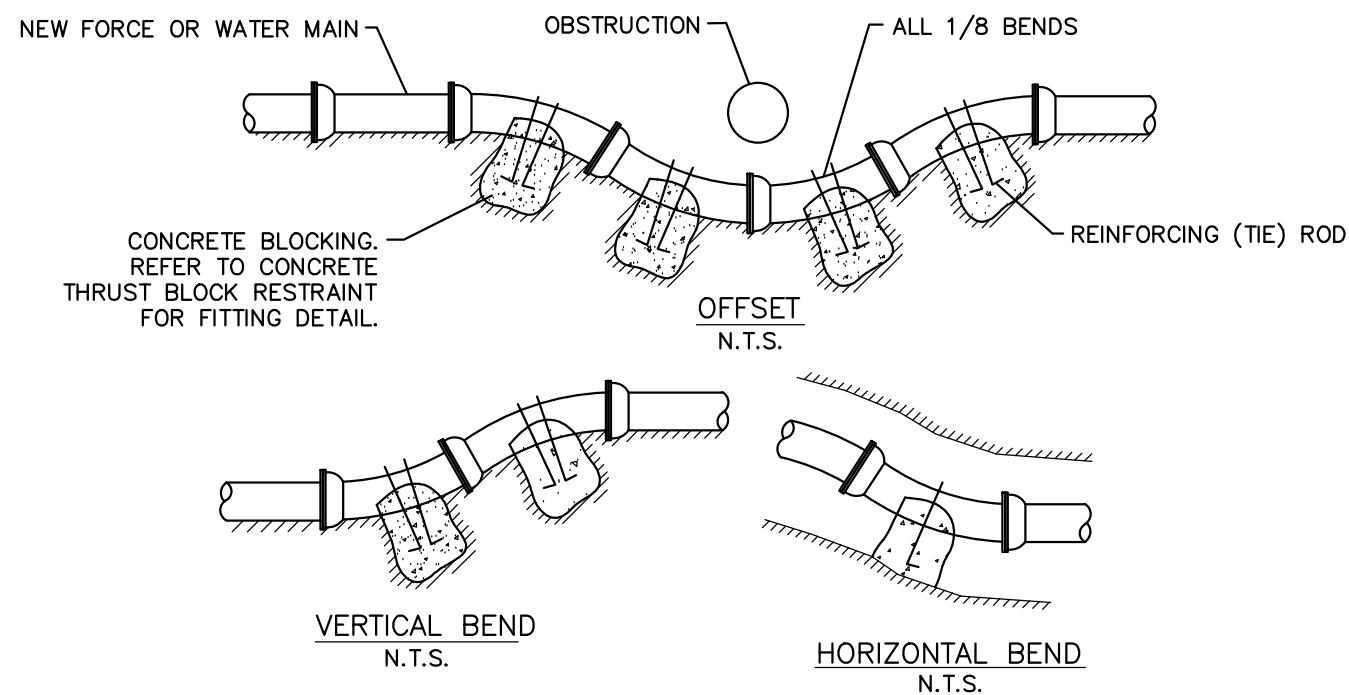


Detention Basin & Erosion Control Seed Mixes:
New England Erosion Control Restoration Mix (Dry Locations)
Seed @ 40 lbs/acre (New England Wetland Plants, Inc Phone (413) 256-1752) Festuca pratensis-Meadow Fescue, Lolium temulentum Annual Ryegrass, Phleum pratense-Timothy, Trifolium repens-White Clover, Andropogon scoparius-Little Bluestem, Agrostis gigantea-Red Top, Bouteloua curtipendula-Side Oats-Grassma Grass. Fertilize as per Manul, recommendations for seeding lawn W/ 10-10-10 mulch lightly W/ weed free straw sufficient to prevent erosion until seed takes.

- USE ENGINEERED SOIL MIX FOR BIORETENTION/RAIN GARDEN SYSTEMS
- THE SOIL MIX SHOULD BE A MIXTURE OF SAND, COMPOST AND SOIL (40% SAND; 20-30% TOPSOIL; 30-40% COMPOST)
- THE SOIL MIX MUST BE UNIFORM, FREE OF STONES, STUMPS, ROOTS OR SIMILAR OBJECTS LARGER THAN 2 INCHES.
- CLAY CONTENT SHOULD NOT EXCEED 5%.
- SOIL pH SHOULD GENERALLY BE BETWEEN 5.5-6.5.
- USE SOILS WITH 1.5% TO 3% ORGANIC CONTENT AND MAXIMUM 500 ppm SOLUBLE SALTS.
- THE SAND COMPONENT SHOULD BE GRAVELLY SAND THAT MEETS ASTM D422.
- THE TOPSOIL COMPONENT SHALL BE A LOAMY SAND TEXTURE.
- THE COMPOST COMPONENT MUST BE PROCESSED FROM YARD WASTE.

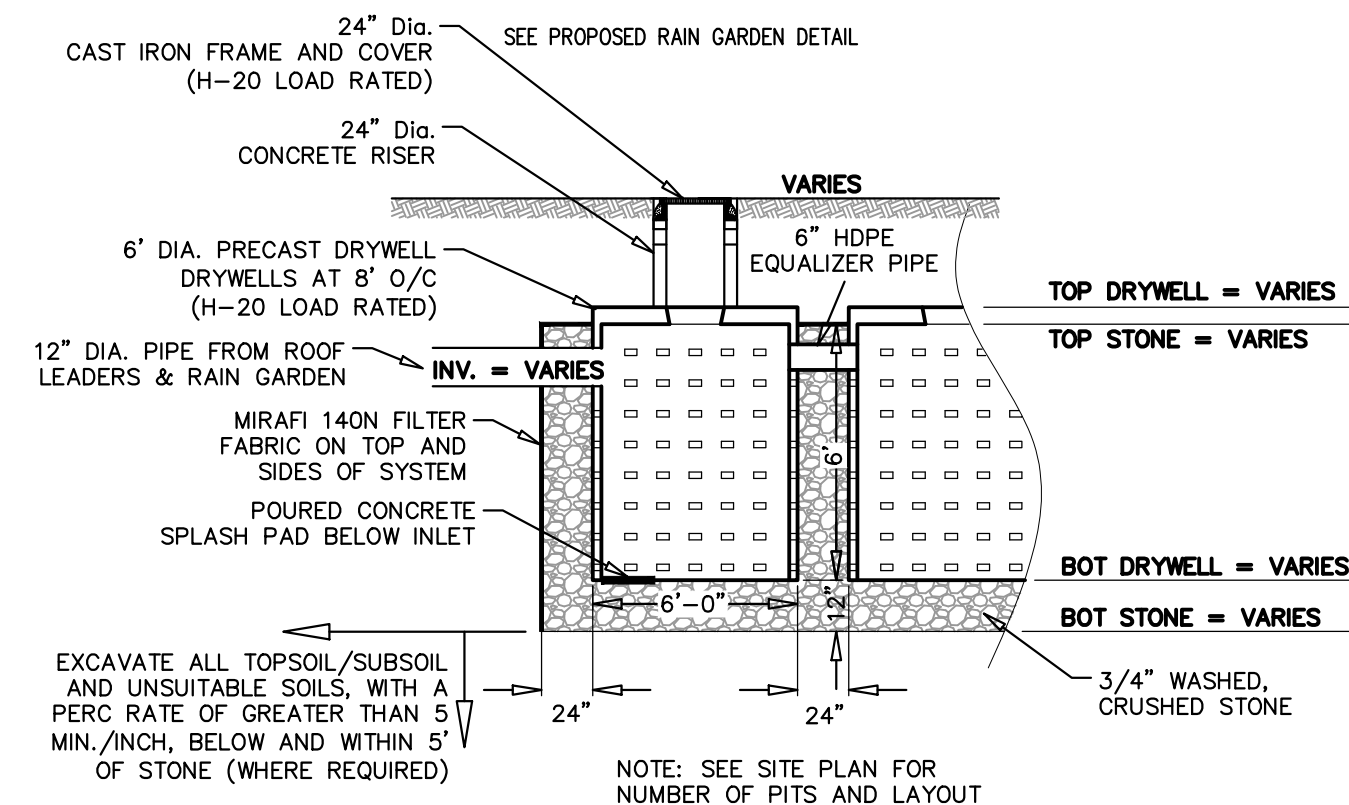
RAIN GARDEN DETAIL

NOT TO SCALE



ANCHORAGE DETAILS

NOT TO SCALE



ELEVATION SCHEDULE	ACCESS PORT RIM	12" INVERT IN	TOP OF DRYWELL	TOP OF STONE	BOTTOM OF STONE	BOTTOM OF STONE
RAIN GARDEN #1	137.7±	132.00	134.17	134.50	127.50	126.50
RAIN GARDEN #2	136.9±	130.00	132.17	131.50	125.50	124.50

STORMWATER MANAGEMENT AREA DETAIL

NOT TO SCALE



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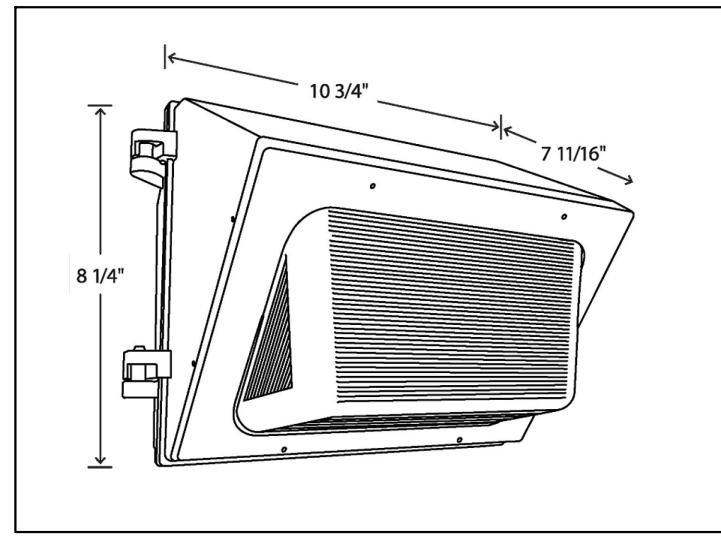
CONSTRUCTION DETAILS

Project:

PROPOSED SITE DEVELOPMENT IN CARVER, MA
Prepared For:
PLYMOUTH ELKS LODGE 1476
#169 SOUTH MEADOW ROAD
MAP: 113 PARCEL: 7-0-E

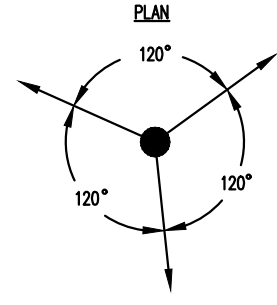
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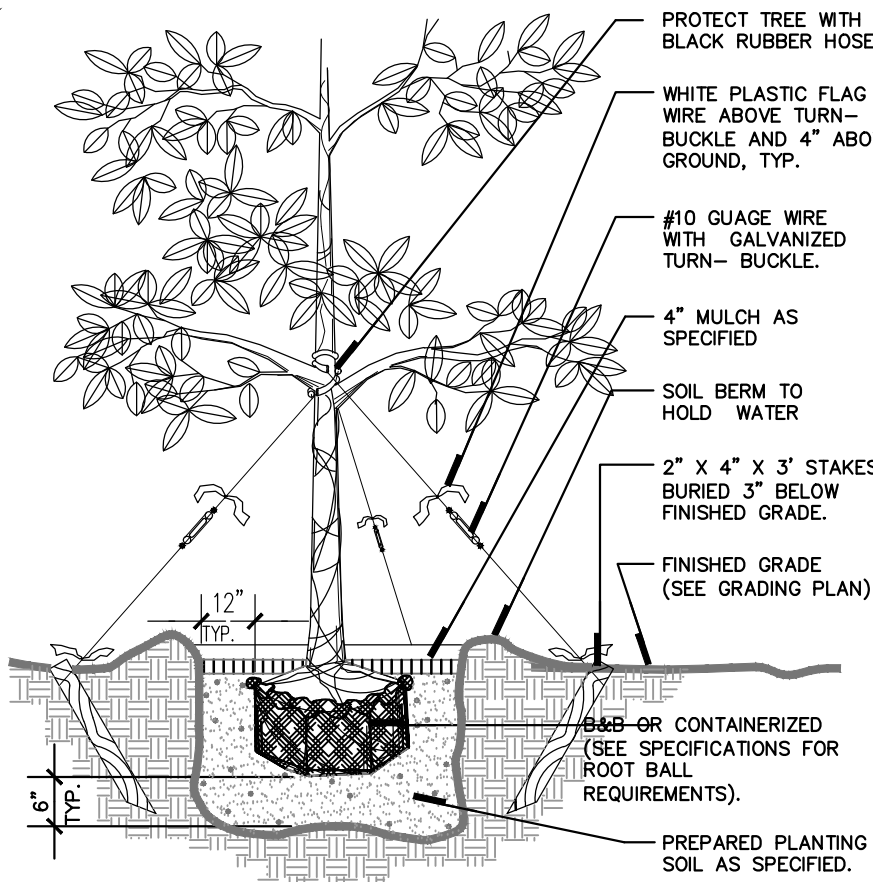


- NOTE:
1. MODEL: WP1XFU29 MANUFACTURED BY RAB LIGHTING, INC. OR APPROVED EQUAL
 2. INPUT WATTAGE: 29W; COLOR TEMP: ADJUSTABLE 3000K, 4000K, 5000K
 3. TYPE: CONSTANT CURRENT
 4. MOUNTING TYPE: WALL MOUNT
 5. MOUNTING HEIGHT: 9-11 FT

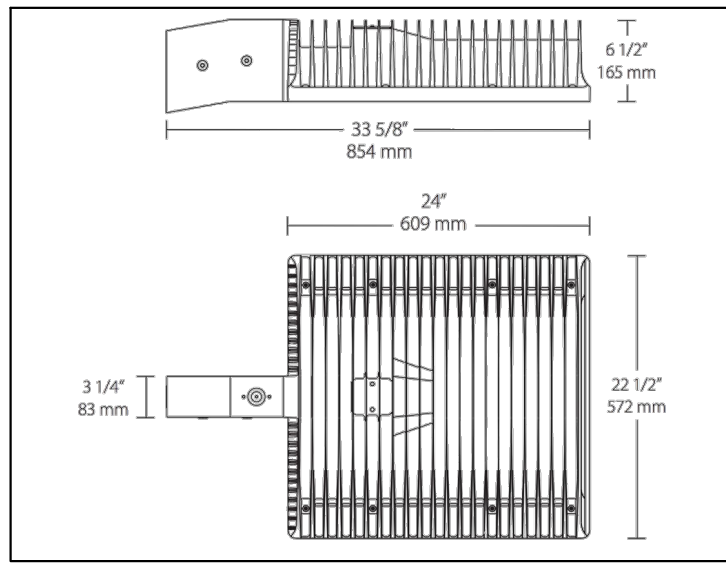
WALL PACK LIGHT DETAIL
NOT TO SCALE



NOTE: CONTRACTOR SHALL ASSURE PERCOLATION OF ALL PLANTING PITS PRIOR TO INSTALLATION.

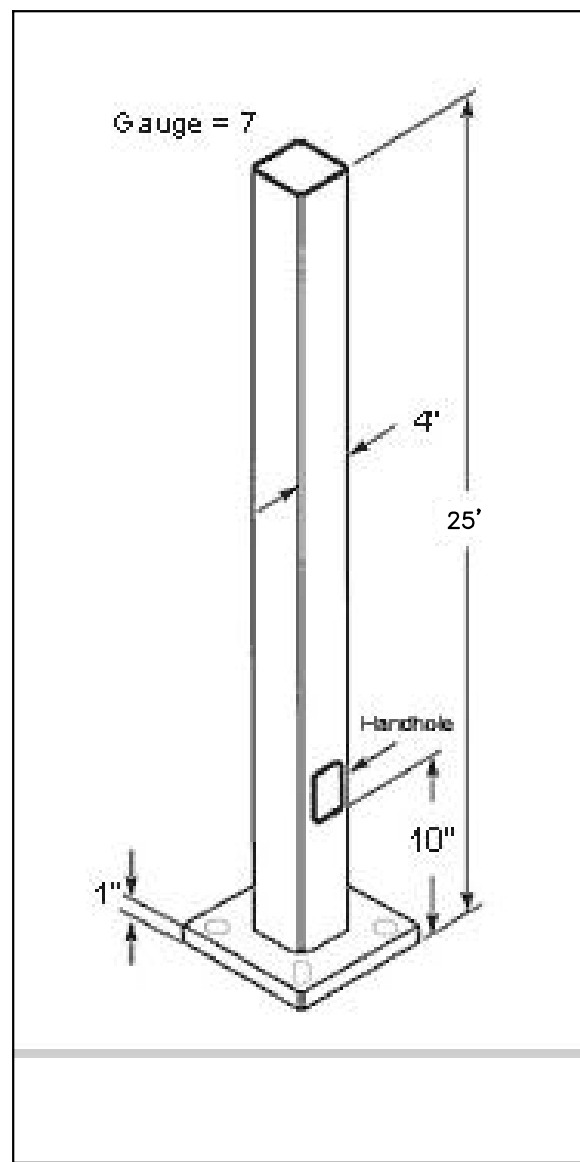


LARGE TREE PLANTING DETAIL
NOT TO SCALE



- NOTE:
1. MODEL: ALED4T260N/D10 MANUFACTURED BY RAB LIGHTING, INC. OR APPROVED EQUAL
 2. INPUT WATTAGE: 258-7W; COLOR TEMP: 4000K
 3. TYPE: CONSTANT CURRENT
 4. MOUNTING TYPE: POLE MOUNT
 5. MOUNTING HEIGHT: 25 FT

AREA LIGHT DETAIL
NOT TO SCALE



PS4-07-25D2 POLE
NOT TO SCALE

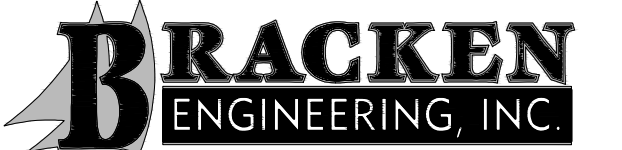
LANDSCAPE SUMMARY

USE	REQUIRED	PROPOSED
TREES	TREES TO BE PLANTED EVERY 35' ALONG ROADWAY	6
LANDSCAPE AREA	150 S.F. of LANDSCAPE AREA PER 1,000 S.F. OF PARKING AREA FOR PARKING AREAS WITH >10 SPACES	5,022 S.F. OF PARKING AREA (>10 SPACES) REQUIRES 754 S.F. INTERIOR LANDSCAPE AREA 790 S.F. PROVIDED

LANDSCAPING NOTES

1. ALL PLANT STOCK SHALL CONFORM TO ANSI Z260.1 NURSERY STOCK, LATEST EDITION (AMERICAN ASSOCIATION OF NURSERYMEN, INC.)
2. 4" AGED PINEBARK MULCH SHALL BE APPLIED TO ALL SHRUB & GROUNDCOVER BEDS.
3. LANDSCAPE BEDS PLUS PLANTINGS SHALL BE A MINIMUM OF 42" IN HEIGHT OFF SURROUNDING GRADE.
4. PLANT PIT BACKFILL SHALL BE MIXED AT A RATE OF 7 PARTS OF TOPSOIL TO 1 PART OF DEHYDRATED COW MANURE. USE EXISTING ON-SITE TOPSOIL AS PART OF BACKFILL WHEN AVAILABLE.
5. ALL LANDSCAPED AREAS NOT PLANTED WITH TREES, SHRUBS OR GROUNDCOVER SHALL BE RESTORED WITH SEEDING OR SODDING AS INDICATED ON PLANS.
6. ALL SOD, SEED, SHRUB AND TREE AREAS SHALL RECEIVE 6"ph CORRECTED TOPSOIL. AFTER TOP-SOIL IS SPREAD EVENLY OVER ENTIRE AREA, ALL CLODS, LUMPS, STONES AND OTHER DELETERIOUS MATERIAL SHALL BE RAKED UP AND REMOVED.
7. APPLICATION OF GRASS SEED, FERTILIZERS, LIME AND MULCH SHALL BE ACCOMPLISHED BY BROADCAST SEEDING OR HYDROSEEDING AT THE RATES OUTLINED.
8. IRRIGATION SHALL BE PROVIDED FOR LAWN AREAS AS WELL AS LANDSCAPED AREAS, INCLUDED PLANTINGS SHOWN OFF LOCUS.
9. CLEAR AND GRUB (TO LIMITS SHOWN ON GRADING PLAN) TO REMOVE TREES, ROCKS, DEBRIS, ROOTS, ETC. STUMPS SHALL BE REMOVED AND DISPOSED OF OFF SITE IN ACCORDANCE WITH STATE REGULATIONS. AFTER CLEARING, ROTOTILL, STRIP AND STOCKPILE ALL ON-SITE TOPSOIL FOR REUSE TO THE MAXIMUM EXTENT POSSIBLE.
10. FOR SEED AND SOD AREAS G.C. TO USE EXISTING TOPSOIL, IF AVAILABLE, FOR A 4" DEPTH AND TOP DRESS WITH 2" OF SCREENED TOPSOIL, UNLESS OTHERWISE NOTED ON PLAN.
11. ALL TREES, SHRUBS AND SOD SHALL BE GUARANTEED BY THE CONTRACTOR FOR ONE YEAR AFTER ACCEPTANCE.

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Sheet Title:

LIGHTING & LANDSCAPE

Project:

**PROPOSED SITE
DEVELOPMENT
IN CARVER, MA**

Prepared For:

PLYMOUTH ELKS LODGE 1476
#169 SOUTH MEADOW ROAD
MAP: 113 PARCEL: 7-0-E

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Date: SEPTEMBER 15, 2023 Drawn: RED/BEI Checked: ZLB/AMG Sheet: 7 of 7				

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