



CONSTRUCTION NOTES

- ALL UNDERGROUND UTILITIES MAY NOT BE SHOWN ON THIS PLAN AND THE LOCATION OF THE UNDERGROUND UTILITIES SHOWN MAY VARY FROM THEIR FIELD LOCATION. THE CONTRACTOR SHALL VERIFY THE EXISTENCE AND LOCATION OF ALL UNDERGROUND UTILITIES PRIOR TO THE CONSTRUCTION. THE CONTRACTOR SHALL NOTIFY DIG SAFE AT LEAST 72 HOURS PRIOR TO THE START OF THE CONSTRUCTION.
- ALL CONSTRUCTION SHALL CONFORM TO THE STANDARDS AND SPECIFICATIONS OF THE TOWN OF NEEDHAM PUBLIC WORKS DEPARTMENT.
- THE CONTRACTOR MUST NOTIFY THE NEEDHAM PUBLIC WORKS DEPARTMENT 3 DAYS PRIOR TO CONSTRUCTION TO SCHEDULE INSPECTIONS FOR THE UTILITY SERVICES.
- THE PROPOSED SITE GRADING SHALL NOT ADVERSELY AFFECT ADJUTING PROPERTIES OR THE ROADWAY DRAINAGE SYSTEM.

STORMWATER MANAGEMENT DESIGN

- PER NEEDHAM STORMWATER BY LAW SECION 7.7.4.2 - THE STORMWATER MANAGEMENT AND EROSION CONTROL SHALL BE IN COMPLIANCE WITH THE MA DEP STORMWATER REGULATION
- HOWEVER, THE PROPOSAL WILL REDUCE THE IMPERVIOUS COVER AT THE SITE FROM 5,339 S.F. TO 4,967 S.F., THEREFORE A PRE AND POST STORMWATER RATE AND VOLUME ANALYSIS WOULD SHOW A REDUCTION OF BOTH THE RATE AND VOLUME OF RUNOFF WITHOUT MITIGATION
- THE SITE DOES NOT LIE WITHIN AN ENVIRONMENTALLY SENSITIVE AREA. THEREFORE TO MEET THE MA DEP STORMWATER REGULATION, 1/2" OF RUNOFF NEEDS TO BE INFILTRATED INTO THE GROUND
- AFTER CONVERSATION WITH THE TOWN ENGINEER IT WAS DECIDED TO INFILTRATE 1" OF RUNOFF FROM IMPERVIOUS SURFACE INTO THE GROUND, USING THE STANDARD INFILTRATION METHOD IN ACCORDANCE WITH SECTION 7.7.3.4 OF THE NEEDHAM STORMWATER BY LAW

OPERATION AND MAINTENANCE PLAN

THE O&M PLAN SHALL CONSIST OF AN ANNUAL INSPECTION OF THE DRYWELLS, AND REMOVAL OF SEDIMENT, LEAVES OR DEBRIS AS NEEDED

AS-BUILT DRAWING REQUIRED

AS-BUILT DRAWINGS STAMPED BY A MASSACHUSETTS REGISTERED PROFESSIONAL ENGINEER SHOWING ALL STORMWATER MANAGEMENT SYSTEMS SHALL ACCOMPANY THE AS-BUILT PLOT PLAN AT THE COMPLETION OF A PROJECT

PAVEMENT DETAIL
NOT TO SCALE

- 1" BITUMINOUS TOP COURSE
- 2" BITUMINOUS BINDER COURSE
- 4" COMPACTED PROCESS GRAVEL
- 8" COMPACTED GRAVEL BORROW

WATER MAIN TRENCH DETAIL
NOT TO SCALE

TYPICAL SERVICE CONNECTION
NOT TO SCALE

TYPICAL SEWER TRENCH DETAIL
NOT TO SCALE

TYPICAL SERVICE CONNECTION
NOT TO SCALE

339 CHESTNUT STREET STORMWATER MANAGEMENT PLAN OF LAND IN NEEDHAM MA

SCALE: 1"=20' MARCH 27, 2025
GLOSSA ENGINEERING INC.
46 EAST STREET
EAST WALPOLE, MA 02032
508-668-4401

JOHN F. GLOSSA
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0' 20' 40' 60'