

# PROTECTION OF STORMWATER MANAGEMENT AREAS DURING CONSTRUCTION:

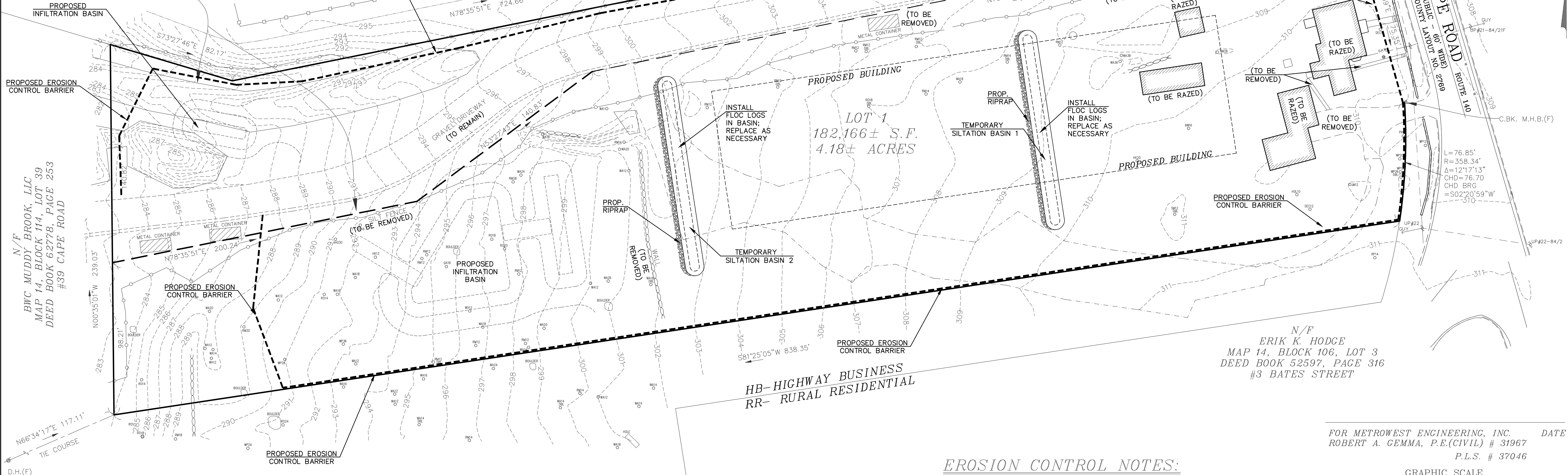
CONTRACTOR SHALL EXERCISE CARE TO PROTECT THE SURFACES BENEATH AND ADJACENT TO THE PROPOSED INFILTRATION SYSTEM FROM DEGRADATION BY SURROUNDING CONSTRUCTION ACTIVITIES, INCLUDING:

- PREVENTION OF CONTAMINATION OF EXPOSED SUBGRADE BY CONSTRUCTION SEDIMENT.
- PREVENTION OF EXCESSIVE COMPACTION BY CONSTRUCTION VEHICLES.
- PREVENTION OF DISCHARGE OF WATER FROM DEWATERING ACTIVITIES INTO THE PROPOSED INFILTRATION BASINS OR RAIN GARDENS.
- PREVENTION OF DISCHARGE OF STORMWATER INTO THESE FACILITIES UNTIL THE CONTRIBUTING AREAS ARE STABILIZED UNLESS SPECIFIC MEASURES ARE PROVIDED FOR PROTECTING AND RESTORING THE INFILTRATION SURFACE.

N/F  
NEW ENGLAND FUTBOL CLUB, INC  
MAP 14, BLOCK 114, LOT 33  
DEED BOOK 54840, PAGE 256  
#33 CAPE ROAD

ACCESS & UTILITY  
EASEMENT ON LOT 1  
FOR THE BENEFIT OF LOT 2  
(49,390± SQ. FT.)

ACCESS & UTILITY  
EASEMENT ON LOT 1  
FOR THE BENEFIT OF LOT 2  
(49,390± SQ. FT.)



N/F  
BWC MUDDY BROOK, LLC  
MAP 14, BLOCK 114, LOT 39  
DEED BOOK 62778, PAGE 253  
#39 CAPE ROAD

N/F  
ERIK K. HODGE  
MAP 14, BLOCK 106, LOT 3  
DEED BOOK 52597, PAGE 316  
#3 BATES STREET

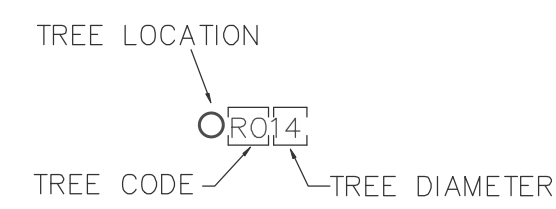
### NOTES:

- SUBJECT PARCEL IS SHOWN AS ASSESSORS MAP 14, BLOCK 114, LOT 35. RECORD TITLE FROM DEED BOOK 55043, PAGE 261.
- UTILITY LOCATIONS DEPICTED ON THIS PLAN, BOTH ABOVE- AND BELOW-GROUND, ARE BASED UPON DIRECT FIELD OBSERVATIONS MADE BY METROWEST ENGINEERING, INC. PERSONNEL DURING A FIELD SURVEY, RECORD PLAN LOCATIONS, OR DIGSAFE PAINT-INDICATORS. METROWEST ENGINEERING, INC. DOES NOT WARRANT THAT ALL UTILITIES ARE SHOWN OR THAT UTILITIES THAT ARE DEPICTED ARE SHOWN IN THE CORRECT LOCATION, OR WITH THE PROPER MATERIAL DESIGNATION. METROWEST ENGINEERING, INC. DOES NOT WARRANT OR PROVIDE AN EXPRESS OR IMPLIED WARRANTY THAT ALL SUBSURFACE IMPROVEMENTS ARE SHOWN OR ARE SHOWN CORRECTLY, INCLUDING, BUT NOT LIMITED TO, UTILITIES, UNDERGROUND VAULTS, UNDERGROUND TANKS OR CHAMBERS, BUNKERS, DUCT BANKS, AND/OR OTHER MAN-MADE IMPROVEMENTS THAT LIE BENEATH THE GROUND SURFACE AT THE TIME OF THE SURVEY.
- CONTRACTOR IS SOLELY RESPONSIBLE FOR ESTABLISHING EXISTING LOCATIONS OF ALL SUB-SURFACE UTILITIES AND MAN-MADE IMPROVEMENTS AND FOR THE REQUIREMENTS TO REPLACE, RELOCATE OR REPAIR EXISTING UTILITIES IN THE EVENT OF DAMAGE OCCURRING DURING CONSTRUCTION. MWE IS NOT RESPONSIBLE OR LIABLE FOR DELAYS OR COSTS ASSOCIATED WITH REMOVING/REPLACING/RELOCATING OF EXISTING UTILITIES REGARDLESS OF WHETHER SAID UTILITIES ARE ACCURATELY DEPICTED ON THIS SURVEY.
- THE PROPERTY DESCRIBED ON THIS SURVEY DOES NOT LIE WITHIN A SPECIAL FLOOD HAZARD AREA AS DEFINED BY THE FEDERAL EMERGENCY MANAGEMENT AGENCY; THE PROPERTY LIES WITHIN ZONE "X" OF THE FLOOD INSURANCE RATE MAP IDENTIFIED AS MAP NUMBER 25027C1032E, BEARING AN EFFECTIVE DATE OF JULY 04, 2011.

HB- HIGHWAY BUSINESS  
RR- RURAL RESIDENTIAL

### TREE DESCRIPTION LEGEND

CODE	DESCRIPTION
BW	BLACK WALNUT
QA	QUAKING ASPEN
DEC	DECIDUOUS
HK	HEMLOCK
HOL	HOLLY
JM	JAPANESE MAPLE
PR	PEAR
RM	RED MAPLE
RO	RED OAK
RP	RED PINE
SM	SUGAR MAPLE
SNAG	SNAG
WA	WHITE ASH
WP	WHITE PINE
DBL	DOUBLE



### LEGEND

A.C.P.	ASBESTOS CONCRETE PIPE
B.C.B.	BITUMINOUS CONCRETE BERM
B.H.	BULKHEAD
B.W.	BAY WINDOW
C.B.K.	CENTER BACK
CHD	CHORD LENGTH
CHD BRG	CHORD BEARING
D.H.	DRILL HOLE
DIAM.	DIAMETER
D.Y.L.	DOUBLE YELLOW LINE
E.O.P.	EDGE OF PAVEMENT
(F)	FOUND
G.F.E.	GARAGE FLOOR ELEVATION
L	LENGTH
L.P.	LIGHT POST
M.H.B.	MASS. HIGHWAY BOUND
N/F	NOW OR FORMERLY
O.H.W.	OVERHEAD WIRE
P	STONE POST
R	RADIUS
S.W.L.	SINGLE WHITE LINE
U.P.#	UTILITY POLE
W.F.	WOOD FRAME
W.G.	WATER GATE
Δ	DELTA
+	EXISTING SPOT GRADE
-	EXISTING GRADING
W	EXISTING WATERLINE

### ZONING:

HB- HIGHWAY BUSINESS  
ALL PERMITTED USES  
MINIMUM AREA= 40,000 SQUARE FEET  
MINIMUM FRONTAGE= 200 FEET  
SETBACKS:  
FRONT YARD= 50 FEET  
SIDE YARD= 20 FEET  
REAR YARD= 20 FEET  
MAXIMUM BUILDING HEIGHT= 35 FEET (2 STORIES)  
MAXIMUM LOT COVERAGE= 30%

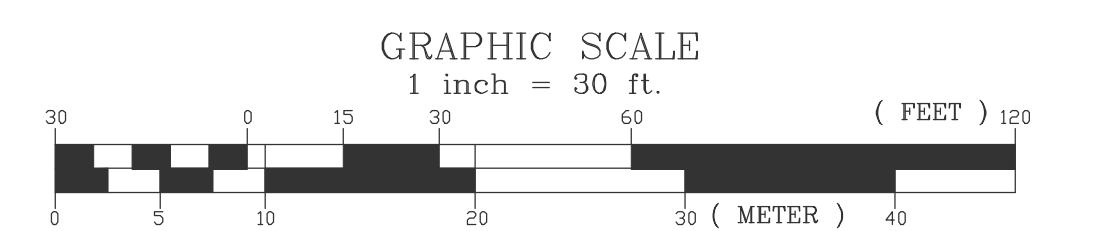
### BENCHMARKS

T.B.M.	DESCRIPTION	ELEVATION
A	NAIL SET 1' UP IN 14" RED MAPLE	302.29'
B	NAIL SET 0.5' IN 12" RED MAPLE DOUBLE	307.83'
C	NAIL SET 1' UP ON U.P.#20	307.75'
D	NAIL SET 1' UP IN 12" WHITE PINE	311.48'

### EROSION CONTROL NOTES:

- CONTRACTOR SHALL MODIFY SEDIMENTATION CONTROLS AS NECESSARY DURING CONSTRUCTION.
- CONTRACTOR SHALL INSPECT AND CLEAN ALL SILTATION CONTROL MEASURES ON A WEEKLY BASIS AND AFTER ALL STORMS WITH A PRECIPITATION AMOUNT IN EXCESS OF 1". CONTRACTOR SHALL IMMEDIATELY REPAIR ANY DEFICIENCIES FOUND ON SILTATION CONTROL MEASURES.
- CONTRACTOR SHALL MAINTAIN AN INVENTORY OF EMERGENCY SUPPLIES ON SITE IN A PROTECTED LOCATION INCLUDING, BUT NOT LIMITED TO HAYBALES, SILT FENCE, WASHED STONE, PVC PIPE, MULCH AND SEED.
- THE BASE OF ALL STOCK PILES SHALL BE PROTECTED WITH A HAYBALE OR SILT FENCE BARRIER.
- ALL DISTURBED AREAS SHALL BE PROPERLY STABILIZED BEFORE OR THROUGH THE WINTER TO ELIMINATE DESTABILIZATION OR SILTATION DURING THE SPRING THAW.
- ANY RELEASE OF WATER FROM TEMPORARY SILTATION PONDS SHALL BE FREE OF SILT AND SEDIMENT AND SHALL MEET WATER QUALITY STANDARDS FOR CLASS B WATER IN THE COMMONWEALTH OF MASSACHUSETTS.
- IF GROUNDWATER DE-WATERING IS REQUIRED, CONTRACTOR SHALL IMPLEMENT A FILTERING SYSTEM FOR PUMPED GROUNDWATER TO REMOVE SILT AND SEDIMENT. THE DIRECT DISCHARGE OF ANY DE-WATERING OPERATION INTO A WETLAND IS PROHIBITED.
- CONTRACTOR SHALL REMOVE AND PROPERLY DISPOSE OF ALL SEDIMENTS WHEN THEY HAVE ACCUMULATED TO A HEIGHT APPROXIMATELY EQUAL TO ONE HALF OF THE HEIGHT OF THE CORRESPONDING EROSION AND SEDIMENTATION CONTROL MEASURE.
- CONTRACTOR SHALL KEEP COPIES OF THE EROSION CONTROL PLAN, INSPECTION REPORTS AND THE STORMWATER POLLUTION PREVENTION PLAN SO THEY ARE ACCESSIBLE AT ALL TIMES.
- CONTRACTOR TO PROTECT ALL DRAINAGE INLETS FROM SILT AND SEDIMENT UNTIL THEIR TRIBUTARY AREAS ARE FULLY STABILIZED.
- DESIGN ENGINEER TO VERIFY LOCATION AND INSTALLATION OF ALL EROSION CONTROL MEASURES PRIOR TO THE COMMENCEMENT OF CONSTRUCTION.
- CONTRACTOR TO SWEEP STREET IN FRONT OF WORK AREA WEEKLY TO PREVENT ACCUMULATION OF SILT AND SEDIMENT ON CAPE ROAD.
- ALL ABANDONED DRAIN AND SEWER MANHOLES, DRAINAGE, SEWER AND WATER PIPES WITHIN THE PROJECT AREA SHALL BE REMOVED AND PROPERLY DISPOSED OFF SITE.

FOR METROWEST ENGINEERING, INC. DATE  
ROBERT A. GEMMA, P.E.(CIVIL) # 31967  
P.L.S. # 37046



## EROSION AND SEDIMENT CONTROL PLAN

#35 CAPE ROAD  
IN  
MENDON, MASS

PREPARED FOR:  
ARES CONSTRUCTION  
38 PHEASANT LANE  
MANCHESTER, NH 03109

PROPERTY OF:  
WENCER REALTY, LLC  
1040 SOUTH MAIN STREET  
BELLINGHAM, MA 02019

ENGINEERS & SURVEYORS:  
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FRAMINGHAM, MA 01702  
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EMAIL: INFO@METROWESTENGINEERING.COM

SHEET C200  
DATE: JANUARY 4, 2021  
CALC'D BY: BTN FIELD BK: 712 CAD FILE: ARES\_P\_SITE\_PLAN3.dwg  
DRAFTER: JTS/BTN PROJECT: MND\_CAP DWG FILE: SP010421.dwg