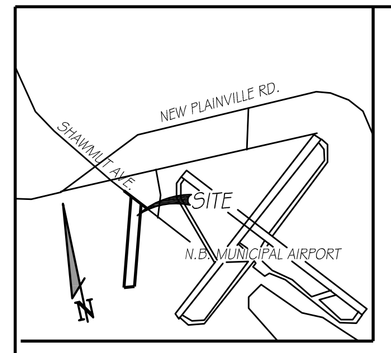
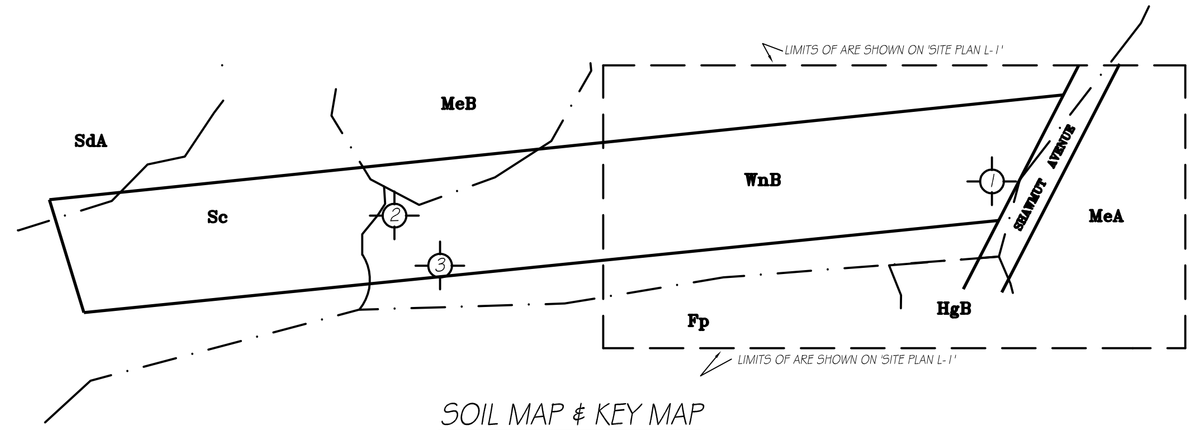


LOCUS MAP

SCALE: 1" = 2000 FT.



SOIL MAP & KEY MAP

SCALE: 1" = 240 FT.

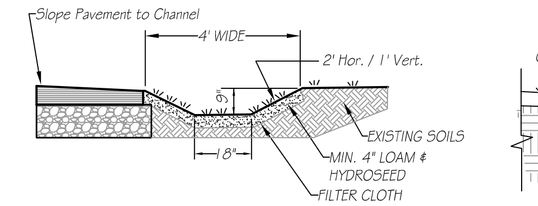
SOIL LEGEND:
- WnB = Windsor Association HSG A
- Sc = Scarboro Association, HSG D
- MeA & MeB = Merrimac Association, HSG A
- HgB = Hinckley Association, HSG A
- Fp = Freetown Association, HSG D
- SdA = Sudbury Association, HSG B

SOIL LOG

T.P. # 1

0"	'A' SANDY LOAM 10 YR 3/1	84.1'
4"	'B' LOAMY SAND 10 YR 5/6	83.8'
16"		82.8'
	'C1' CRS. SAND 2.5 Y 6/3	
108"	WATER @ 108"	75.1'
120"		74.1'

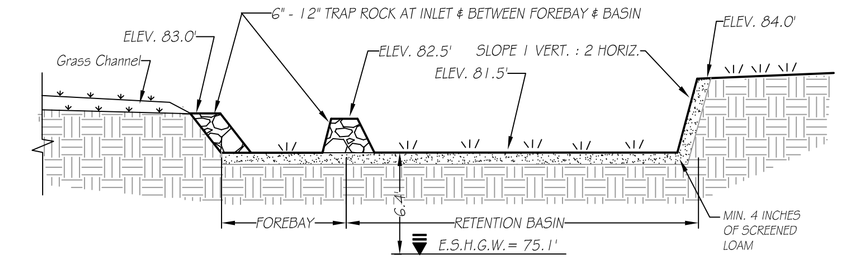
SOIL EVALUATION CONDUCTED ON FEB. 23, 2016
BY CHARON ASSOCIATES, INC.. SOIL EVALUATOR NO. SE 366.



GRASS CHANNEL SECTION

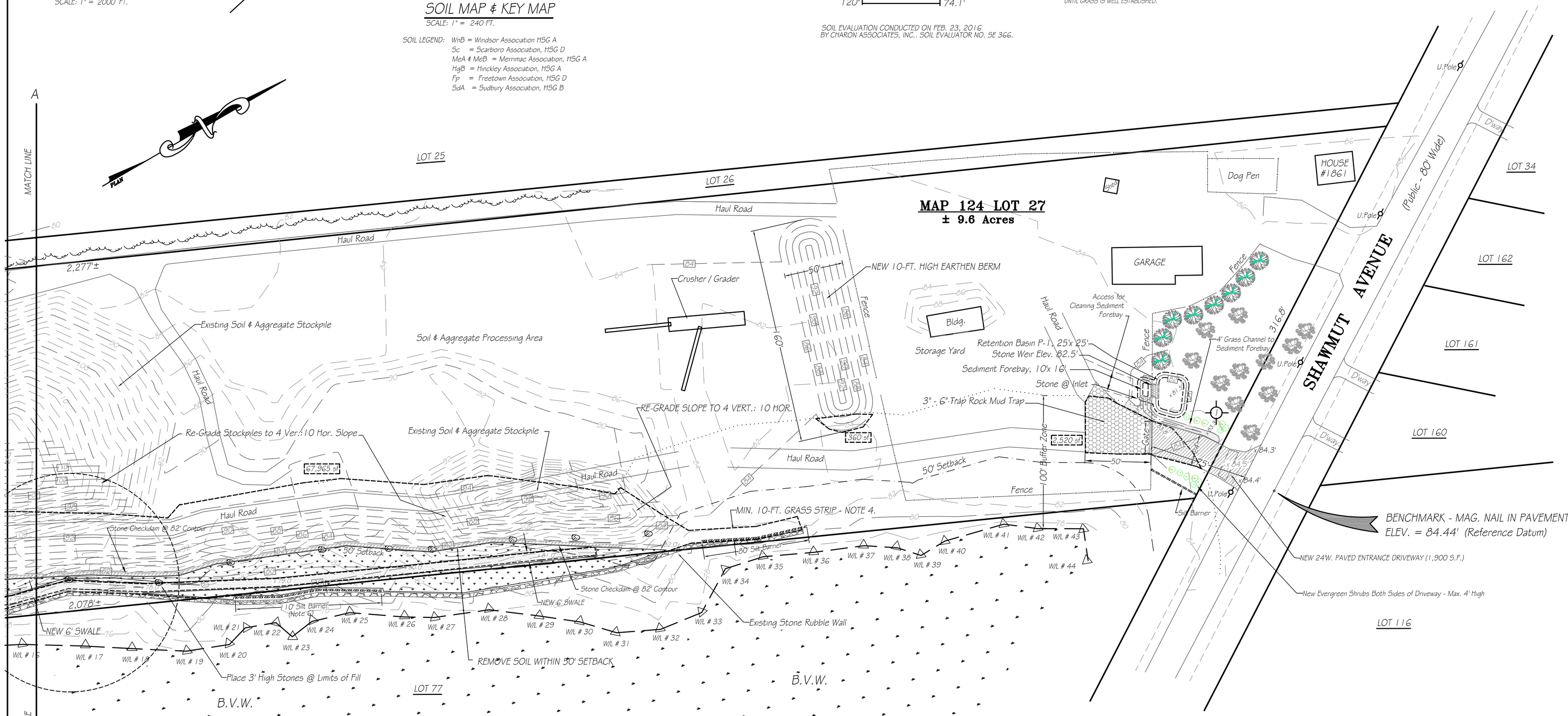
NOT TO SCALE

NOTES: 1. GRASS SEED SHALL BE AS SPECIFIED IN GENERAL NOTES #4. PLACED AT THE SPECIFIED RATE PER 1,000 SQUARE FEET. GRASS SEED SHALL BE PROPERLY FERTILIZED AND WATERED WITH UNIFORM COVERAGE TO KEEP THE SEEDED AREAS MOIST UNTIL GRASS IS WELL ESTABLISHED.



SECTION THRU BASIN P-1

NOT TO SCALE



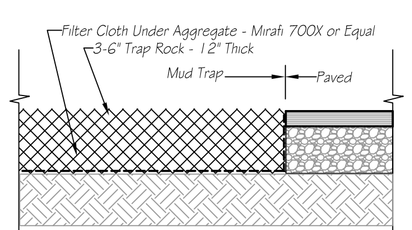
SITE PLAN

SCALE: 1" = 40 FT.

GRAPHIC SCALE

40' 0' 20' 40' 80'

(IN FEET)
1 inch = 40 ft.



MUD TRAP SECTION

NOT TO SCALE

NOTE: THE ENTRANCE MUD TRAP & DUST CONTROL ZONE SHALL BE MAINTAINED IN A CONDITION THAT WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO SHAWMUT AVENUE. THIS MAY REQUIRE REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL STONE OR COMPLETE REPLACEMENT OF STONE

LEGEND:

- EXISTING CONTOURS: 92
- PROPOSED CONTOURS: 92
- EDGE OF WETLANDS: DELINEATION FLAG W/L # 17 W/L # 18
- 100-FT. BUFFER ZONE:
- F.E.M.A. FLOOD ZONE:
- SPOT ELEVATION: x 79.0'
- TEST PIT LOCATION: 2
- LIMIT OF DISTURBANCE WITHIN BUFFER ZONE & AREA: 1,524 sf

GENERAL NOTES:

1. THIS PARCEL IS SHOWN AS LOT 27 ON ASSESSOR'S MAP 124.
2. THE SCOPE OF WORK IS COMPRISED OF: (A) COMPLETION OF WORK UNDER PREVIOUSLY-APPROVED PROJECT NO. SE 49-294 TO REMOVE STOCKPILED MATERIAL WITHIN 50 FT. OF THE LIMITS OF BORDERING WETLANDS AND TO COLLECT STORM RUN-OFF AND CONDUCT IT TO A RETENTION POND AT THE REAR OF THE SITE; AND (B) CONSTRUCTION OF SITE IMPROVEMENTS AT THE FRONT OF THE SITE TO MITIGATE SOUND FROM AGGREGATE CRUSHING AND GRADING OPERATIONS AND CONTROL DUST FROM VEHICLES ENTERING THE PUBLIC ROADWAY.
3. A PORTION OF THE SUBJECT PARCEL LIES WITHIN A SPECIAL FLOOD HAZARD AREA (F.E.M.A. ZONE A) AS DELINEATED ON F.E.M.A. COMMUNITY PANEL 25005C0367F DATED JULY 7,2009.
4. INSTALL LOAM AND SEED TO PROVIDE A GRASS STRIP BETWEEN THE DRAINAGE SWALE AND THE EXISTING STONE RUBBLE WALL AND FROM THE DRAINAGE SWALE TO THE CHECK DAM AT 82' CONTOUR.
5. THE LIMIT OF DISTURBANCE INDICATES THE EXTENT OF ALTERATION WITHIN WITHIN THE BUFFER ZONE OF WETLANDS.
   TOTAL AREA OF ALTERATION = 69,849 S.F.
6. INSTALL SILTATION CONTROL BARRIER PRIOR TO START OF WORK AT LOCATIONS WHERE DISTURBANCE OCCURS WITHIN 25 FT. OF WETLANDS. INSTALL SILTATION CONTROL BARRIER ON UPHILL SIDES OF GRASS STRIPS AFTER RE-GRADING. SILTATION CONTROL SHALL REMAIN IN PLACE AND BE PERMITTED TO MULCH DOWN IN PLACE.

COMMONWEALTH OF MASSACHUSETTS
RICHARD J. CHARON
No. 28 [illegible]
REGISTERED PROFESSIONAL ENGINEER

PLAN OF SITE IMPROVEMENTS

PREPARED FOR

ANTHONY R. DeCOSTA
dba A-1 ASPHALT CO.
1861 SHAWMUT AVE
NEW BEDFORD, MASS.

CAI Charon Associates, Inc.
Consulting Engineers
323 Neck Road - Rochester, MA 02770
Tel: 508-763-8362 Fax: 508-763-9582

SCALE: AS NOTED
DATE: FEBRUARY 25, 2016
REV. 1: MARCH 10, 2016 - Repl'n. Area
REV. 2: APRIL 26, 2016

DWG. NO. L-1