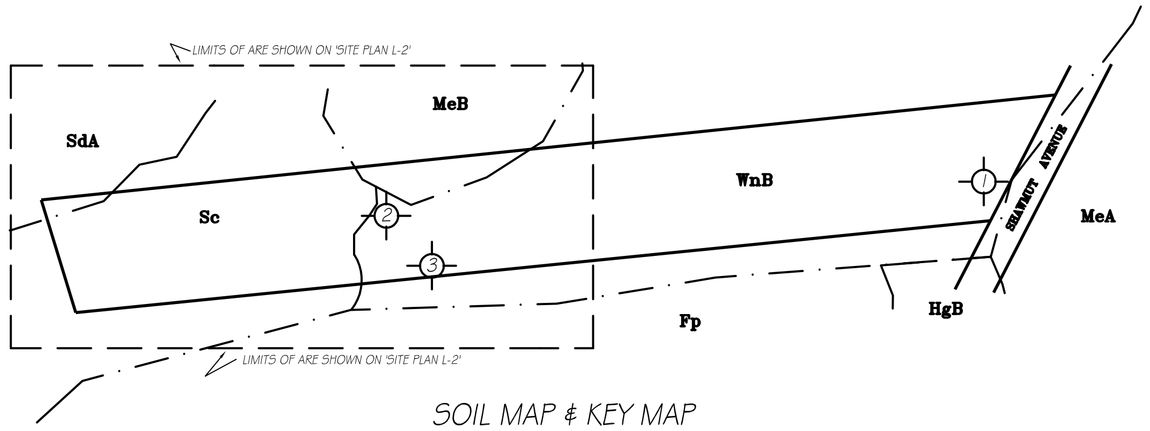
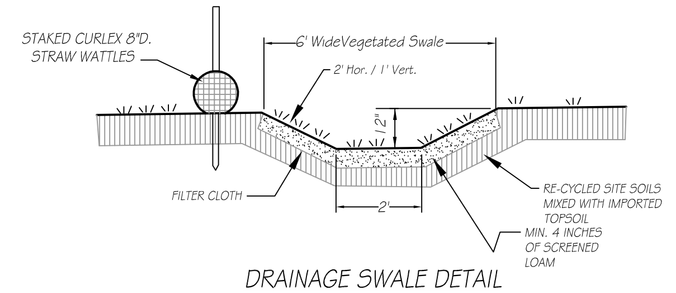


SOIL MAP & KEY MAP

SCALE: 1" = 240 FT.

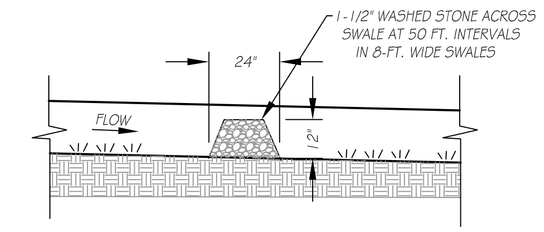
SOIL LEGEND:
- WnB = Windsor Association HSG A
- Sc = Scarboro Association, HSG D
- MeA & MeB = Merrimac Association, HSG A
- HgB = Hinckley Association, HSG A
- Fp = Freetown Association, HSG D
- SdA = Sudbury Association, HSG B



DRAINAGE SWALE DETAIL

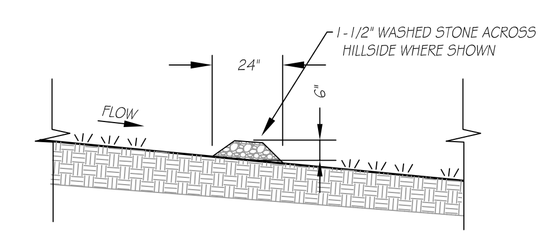
NOT TO SCALE

NOTES:
1. GRASS SEED SHALL BE AS SPECIFIED IN GENERAL NOTES #4, PLACED AT THE SPECIFIED RATE PER 1000 SQUARE FEET. GRASS SEED SHALL BE PROPERLY FERTILIZED AND WATERED WITH UNIFORM COVERAGE TO KEEP THE SEEDED AREAS MOIST UNTIL GRASS IS WELL ESTABLISHED.
2. LOAM WILL BE RECOVERED FROM THE DISTURBED AREAS, SCREENED, STOCKPILED AND MIXED WITH IMPORTED TOPSOIL (IF NEEDED) TO SUPPORT SEEDED AREAS.



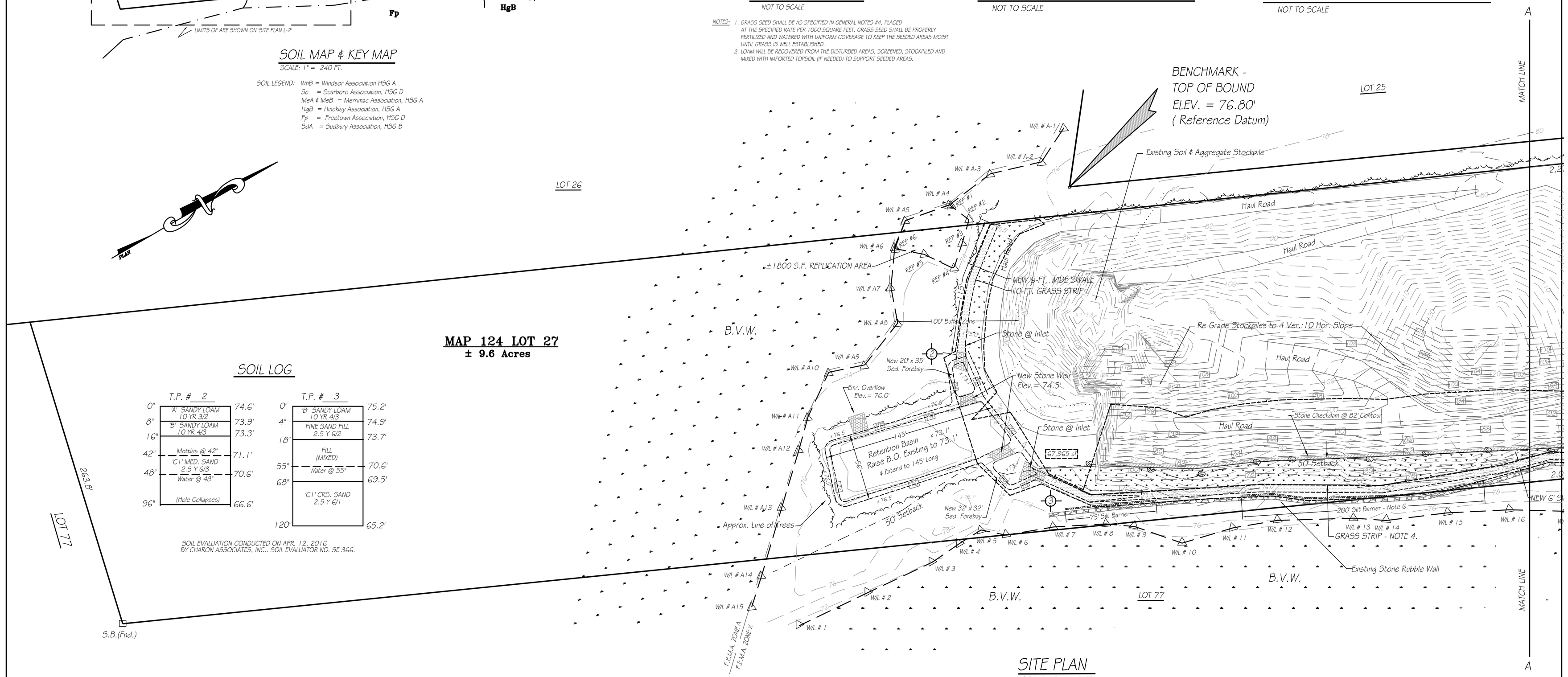
STONE CHECK DAM DETAIL FOR SWALE

NOT TO SCALE



STONE CHECK DAM DETAIL FOR HILLSIDE

NOT TO SCALE



SOIL LOG

T.P. # 2			T.P. # 3		
0"	'A' SANDY LOAM 10 YR 3/2	74.6'	0"	'B' SANDY LOAM 10 YR 4/3	75.2'
8"	'B' SANDY LOAM 10 YR 4/3	73.9'	4"	FINE SAND FILL 2.5 Y 6/2	74.9'
16"		73.3'	18"	FILL (MIXED)	73.7'
42"	Mottles @ 42" 'C1' MED. SAND 2.5 Y 6/3	71.1'	55"	Water @ 55"	70.6'
48"	Water @ 48"	70.6'	68"	'C1' CRS. SAND 2.5 Y 6/1	69.5'
96"	(Hole Collapses)	66.6'	120"		65.2'

SOIL EVALUATION CONDUCTED ON APR. 12, 2016 BY CHARON ASSOCIATES, INC., SOIL EVALUATOR NO. SE 366.

SITE PLAN

SCALE: 1" = 40 FT.

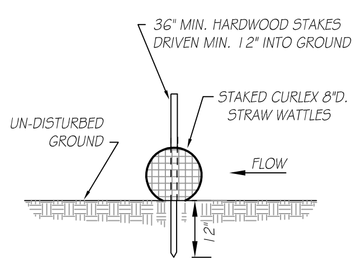
GRAPHIC SCALE

40' 0' 20' 40' 80'

(IN FEET)
1 inch = 40 ft.

LEGEND:

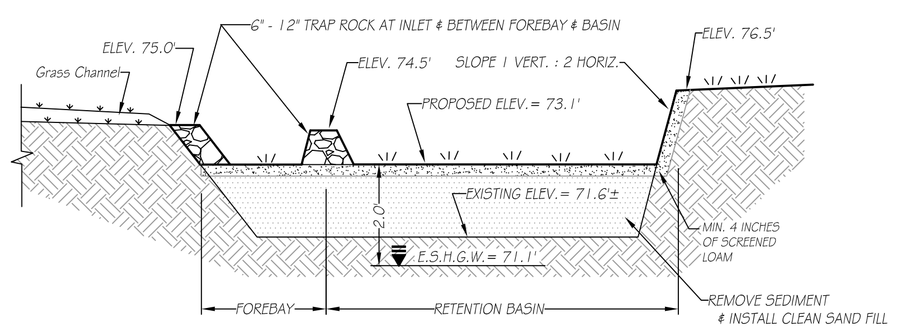
- EXISTING CONTOURS: 92
- PROPOSED CONTOURS: 92
- EDGE OF WETLANDS: DELINEATION FLAG W/L # 17 W/L # 18
- 100-FT. BUFFER ZONE:
- F.E.M.A. FLOOD ZONE:
- LIMIT OF DISTURBANCE WITHIN BUFFER ZONE & AREA: 1,324 s.f.
- SPOT ELEVATION: x 79.0'
- TEST PIT LOCATION: 2



NOTE: STRAW WATTLES SHALL BE COMPOSED OF STRAW FIBERS ENCASED IN DURABLE BIODEGRADABLE NETTING.

SILT BARRIER DETAIL

N.T.S.



SECTION THRU BASIN P-2

NOT TO SCALE

COMMONWEALTH OF MASSACHUSETTS
RICHARD J. CHARON
No. 28186
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-2