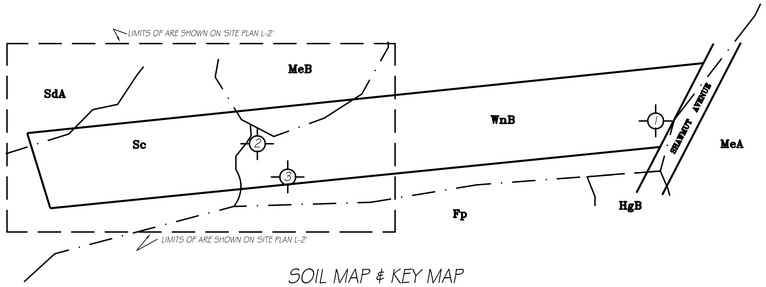
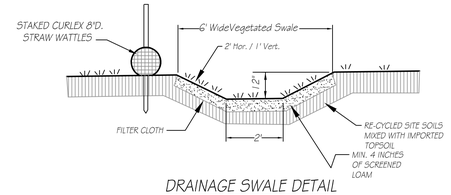


SOIL MAP & KEY MAP

SCALE: 1" = 240 FT.

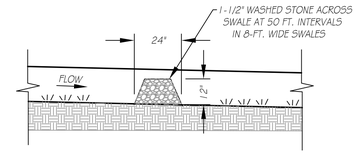
SOIL LEGEND:
- WnB = Windsor Association HSG A
- Sc = Scarboro Association, HSG D
- MeA & MeB = Merrimac Association, HSG A
- HgB = Hinckley Association, HSG A
- Fp = Freetown Association, HSG D
- SdA = Sudbury Association, HSG B



DRAINAGE SWALE DETAIL

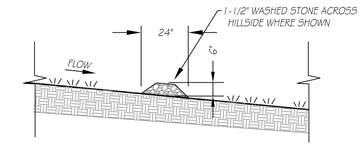
NOT TO SCALE

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.



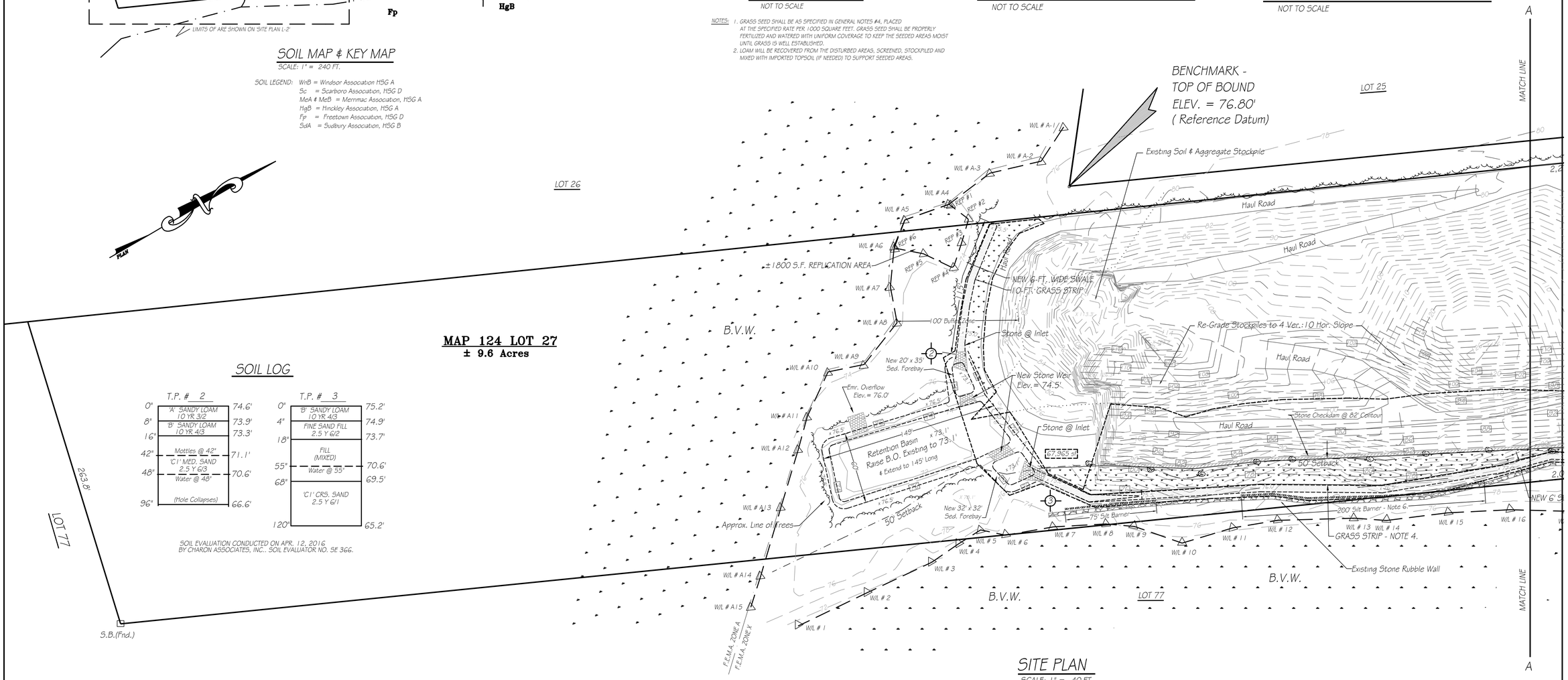
STONE CHECK DAM DETAIL FOR SWALE

NOT TO SCALE



STONE CHECK DAM DETAIL FOR HILLSIDE

NOT TO SCALE



SITE PLAN

SCALE: 1" = 40 FT.

MAP 124 LOT 27

± 9.6 Acres

SOIL LOG

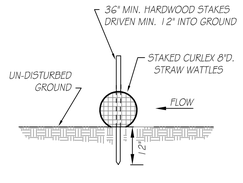
T.P. # 2			T.P. # 3		
0"	'A' SANDY LOAM 10 YR 3/2	74.6'	0"	'B' SANDY LOAM 10 YR 4/3	75.2'
8"	'B' SANDY LOAM 10 YR 4/3	73.9'	4"	FINE SAND FILL 2.5 Y 6/2	74.9'
16"		73.3'	18"	FILL (MIXED)	73.7'
42"	Mottles @ 42" 'C1' MED. SAND 2.5 Y 6/3	71.1'	55"	Water @ 55"	70.6'
48"	Water @ 48"	70.6'	68"	'C1' CRS. SAND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

GRAPHIC SCALE

40' 0' 20' 40' 80'

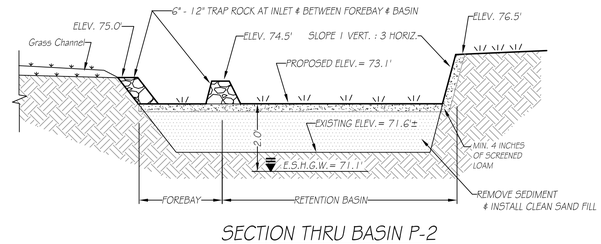
(IN FEET)
1 inch = 40 ft.



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

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

COMMONWEALTH OF MASSACHUSETTS — RICHARD A. CHARON — No. 28188 — 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
REV. 3: MAY 16, 2016

DWG. NO. L-2