SOIL LOG (9/20/11)

DEPTH	DESCRIPTION
0"–12"	TOPSOIL
12"–24"	YELLOW/BRN. SANDY CLAY LOAM
24"–84"	RED/BRN. CLAY LOAM

WATER AT 42"
NO MOTTLING, MASSIVE ROCK

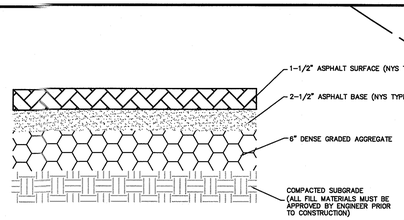
MOSQUITO BREEDING SUPPRESSION PLAN

CONTROL MEASURES:

1. ALL STORMWATER FACILITIES ARE DESIGNED TO REMOVE ALL STANDING WATER WITHIN 5 DAYS FOLLOWING A RAIN EVENT.
2. IF, UPON INSPECTION, WATER REMAINS IN THE SYSTEM FOR LONGER THAN 5 DAYS, THE STANDING WATER WILL EITHER:
   - A. BE MECHANICALLY REMOVED (I.E. VACUUM), OR
   - B. BE MECHANICALLY AGITATED TO PREVENT MOSQUITO BREEDING, OR
   - C. BE TREATED WITH MOSQUITO LARVICIDE IN ACCORDANCE WITH NYSDEC REQUIREMENTS.

MAINTENANCE SCHEDULE:

1. ALL STORMWATER FACILITIES SHALL BE INSPECTED AFTER SIGNIFICANT RAIN-FALLS AND AT LEAST ONCE/MONTH. IF WATER REMAINS IN THE SYSTEM > 5 DAYS AFTER A RAINFALL TREATMENT AS DESCRIBED ABOVE SHALL BE IMPLEMENTED IMMEDIATELY.
2. RESPONSIBLE PARTY DURING CONSTRUCTION:
   CONGREGATION SONS OF ISRAEL
   300 N. BROADWAY
   UPPER NYACK, NY 10960



PAVEMENT DETAIL FOR DRIVEWAY
NTS

Filling, backfilling and compaction requirements.

1.1 The Contractor shall provide data on the proposed compaction equipment for review and approval of the Engineer prior to construction. Said approval shall not release the Contractor from complete responsibility for performance of the work as specified. Compaction shall achieve at least the following percentage of maximum dry density, when tested in accordance with ASTM-1557 Standard;

Location	% Maximum Dry Density
beneath pavements	95
general backfill	90

Prior to placing backfill, the existing subgrade shall be compacted to the minimum specified density. All areas of the subgrade within driveway trench shall be proof rolled with equipment approved by the Engineer. Areas found to be unsuitable shall be removed and replaced with selected materials. Fill shall not be placed until compaction of the existing subgrade is approved by the Engineer. The depth of compaction for the existing subgrade shall be a minimum of 12" below the ground surface after removal of the unsuitable soil.

Immediately before placing pavement on compacted fill, the Engineer shall observe the subgrade. The Contractor shall remove any soft spots and replace with properly compacted material. Final subgrade elevations shall be finished within 1/4" of the required elevation when tested with a straight edge. Rain, frost and other factors which, in the opinion of the Engineer, occur after approval and are potentially damaging to the subgrade, may require additional removal and replacement of material prior to paving.

To the fullest extent possible, the Contractor shall utilize excavated material as backfill outside of pavement areas. When sufficient excavated material is not available, the Contractor shall utilize materials from the stockpile provided by the Owner. If excavated and stockpiled materials are not available, the Contractor shall utilize selected materials, as approved by the Engineer. If requested, the Contractor must provide a sample of the selected materials along with laboratory certification stating that said sample meets the specification for selected materials.

All backfill shall be suitable material as specified, placed and compacted in 8" lifts. Backfill shall be placed in uniform layers and, except as above, thoroughly compacted with heavy duty power tamping tools to the densities specified, and approval of the Engineer.

The Contractor is solely responsible for maintenance and protection of the construction area. Wherever the construction area has not been properly backfilled, or settlement occurs, they shall be refilled, smoothed off and made to conform to the surface of the ground. This includes removal, disposal and replacement of previously installed material, if necessary.

1.2. If, in the opinion of the Engineer, any excavated material is too wet for the required compaction, either stockpiled or select materials will be utilized, as previously specified. If the material is too-dry for the required compaction, the Contractor shall moisten the material, by approved methods, prior to proceeding with backfill. All of the above moisture control, hauling, loading, placing, and compacting, with the exception of delivery, placement and compaction of select materials, shall be included in the bid price for the overall project.

1.3. The Contractor shall maintain proper and adequate drainage, to the satisfaction of the Engineer, at all times. Soil erosion and sediment control shall conform to standard SESC requirements.

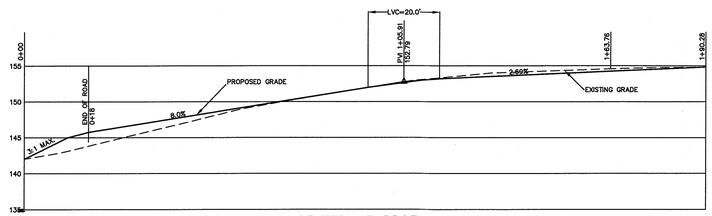
1.4. Fill is to be compacted to the elevations and limits shown on the drawings. Any previously approved compacted fill, or underlying subgrade that softens due to exposure or any other cause shall be removed or dried and re-compacted to the approval of the Engineer, before the next lift takes place. Any re-excavation, drying and re-compaction shall be done at no additional cost.

1.5. No fill materials shall be placed when either the fill material, previous lift or subgrade are frozen. If any previously placed material becomes frozen, the Contractor shall scarify, or remove and re-compact said material to the satisfaction of the Engineer. Any soft spots resulting from frost shall be removed and re-compacted to the satisfaction of the Engineer, before any additional material is placed. Any re-excavation, drying and re-compaction shall be done at no additional cost.

1.6. Any excess excavated materials, including pavement, rock, excess suitable material, excess unsuitable material, and excess material at the stockpile must be disposed of at the Contractor's expense.

1.7. The Contractor shall not allow or cause any of the work to be covered or enclosed prior to the required inspections, tests and approvals. Should any work be covered, the cost to uncover said work, to the satisfaction of the Engineer, shall be borne by the Contractor.

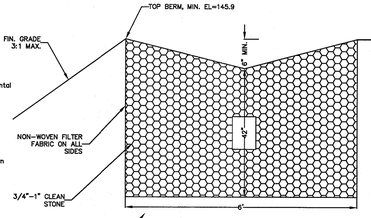
1.8. Final restoration shall be undertaken as soon as a particular area is no longer needed for construction, stockpiling, or access. When access roads are no longer needed, road fill shall be removed and the access area restored to its original conditions. All disturbed areas shall be topsoiled, fertilized, seeded and hay mulched, with the exception of established lawns which shall be topsoiled and sodded.



CENTERLINE PROFILE
SCALE H: 1"=20'
V: 1"=10'

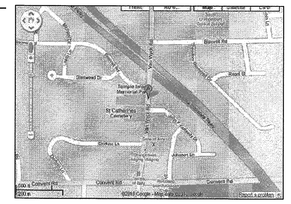
NOTES

1. At least one week prior to the commencement of any work, including the installation of erosion control devices or the removal of trees and vegetation, a pre-construction meeting must be held with the Town of Orangetown Department of Environmental Management and Engineering, Superintendent of Highways and the Office of Building, Zoning and Planning Administration and Enforcement. It is the responsibility and obligation of the property owner to arrange such a meeting.
2. Additional certification, by an appropriate licensed or certified design professional shall be required for all matters before the Planning Board indicating that the drawings and project are in compliance with the Stormwater Management Phase II Regulations.
3. The Tree Protection and Preservation Guidelines adopted pursuant to Section 21–24 of the Land Development Regulations of the Town of Orangetown will be implemented in order to protect and preserve both individual specimen trees and buffer area with many trees. Steps that will be taken to preserve and protect existing trees to remain are as follows: a. No construction equipment shall be parked under the tree canopy. b. There will be no excavation or stockpiling of earth underneath the trees. c. Trees designated to be preserved shall be marked conspicuously on all sides at a 5 to 10 foot height.
   d. The Tree Protection Zone for trees designated to be preserved will be established by one of the following methods:
   – One (1) foot radius from trunk per inch DBH
   – Drip line of the Tree Canopy. The method chosen should be based on providing the maximum protection zone possible. A barrier of snow fence or equal is to be placed and maintained one yard beyond the established tree protection zone. If it is agreed that the tree protection zone of a selected tree must be violated, one of the following methods must be employed to mitigate the impact:
   – Light to Heavy Impacts – Minimum of eight inches of wood chips installed in the area to be protected. Chips shall be removed upon completion of work.
   – Light Impacts Only– Installation of 3/4 inch of plywood or boards, or equal over the area to be protected.
   –The builder or its agent may not change grade within the tree protection zone of a preserved tree unless such grade change has received final approval from the Planning Board. If the grade level is to be changed more than six (6) inches, trees designated to be preserved shall be walled and/or preserved in a raised bed, with the tree well a radius of three (3) feet larger than the tree canopy.
4. Special permit for cemetery size approved by ZBA on 6/20/12.

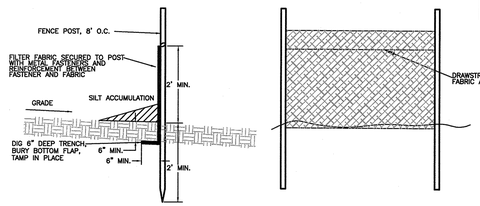


INFILTRATOR TRENCH
NTS

NOTE: MINIMUM TRENCH LENGTH = 55', STONE STORAGE = 495 CF ASSUMING 40% VOID)



VICINITY MAP
1"=1000'



SILT FENCE CONSTRUCTION AND INSTALLATION DETAIL
NTS

REVISION NO.	DATE	DESCRIPTION	REVISION NO.	DATE	DESCRIPTION
			5	9/18/12	AS PER PLANNING BOARD RESOLUTION
			4	7/23/12	AS PER PLANNING BOARD MEETING
			3	6/13/12	MOSQUITO CONTROL INFO, NOTES
			2	3/13/12	ADD DRAINAGE, AREA MAP
			1	1/31/12	INFILTRATOR TRENCH

THOMAS W. SKRABLE, P.E., P.P., C.M.E.
CONSULTING ENGINEER
65 RAMAPO VALLEY ROAD, SUITE 13, MAHWAH, NJ
201–529–5010

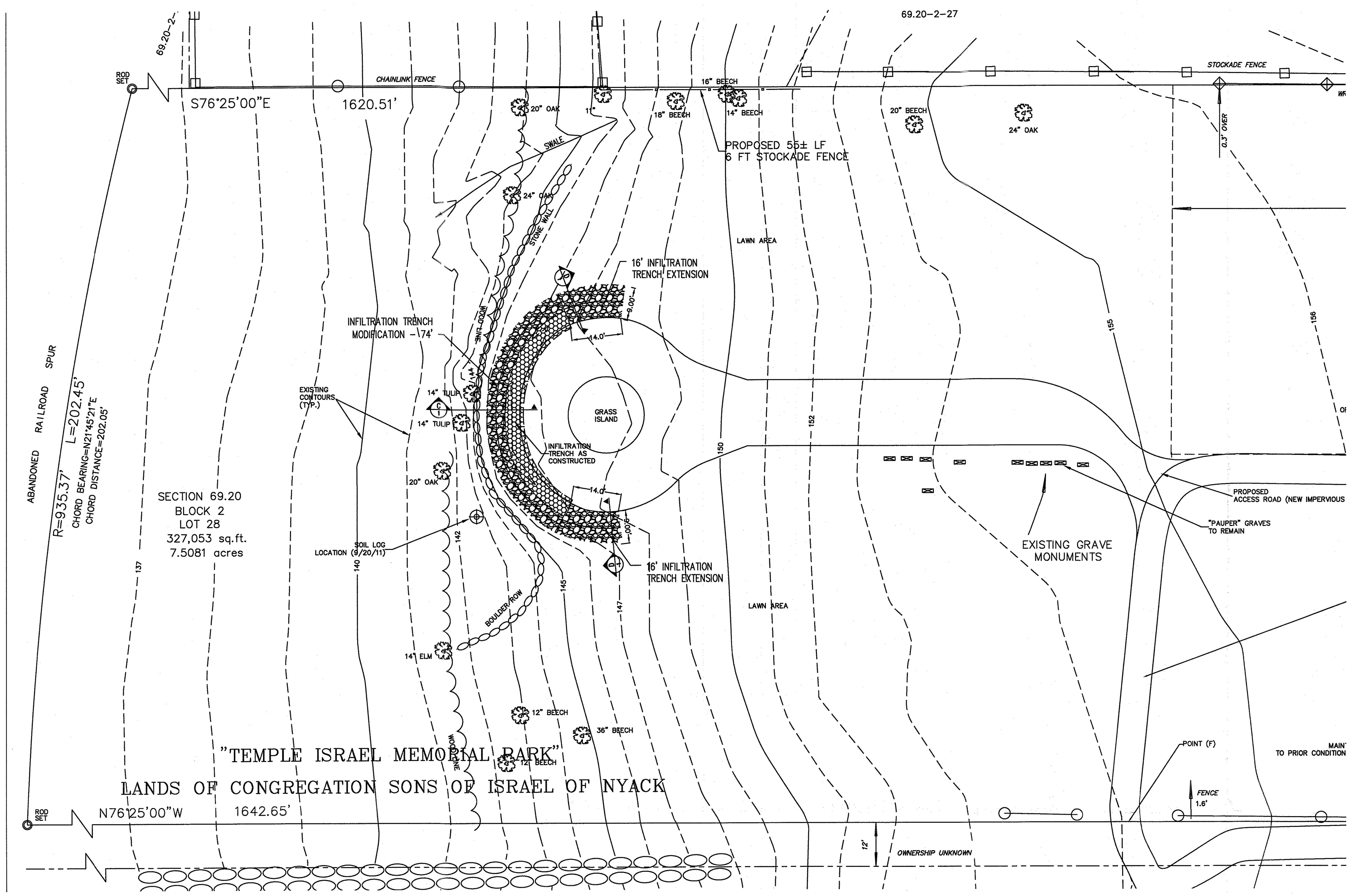
DRAWN BY:	T.S.
SURVEYED BY:	J.D.
DESIGNED BY:	T.S.
CHECKED BY:	T.S.
D'WG NO.	11096CP4
JOB NO.	11–096
SHEET	1 OF 1
	1" = 20' H

THOMAS W. SKRABLE, P.E.

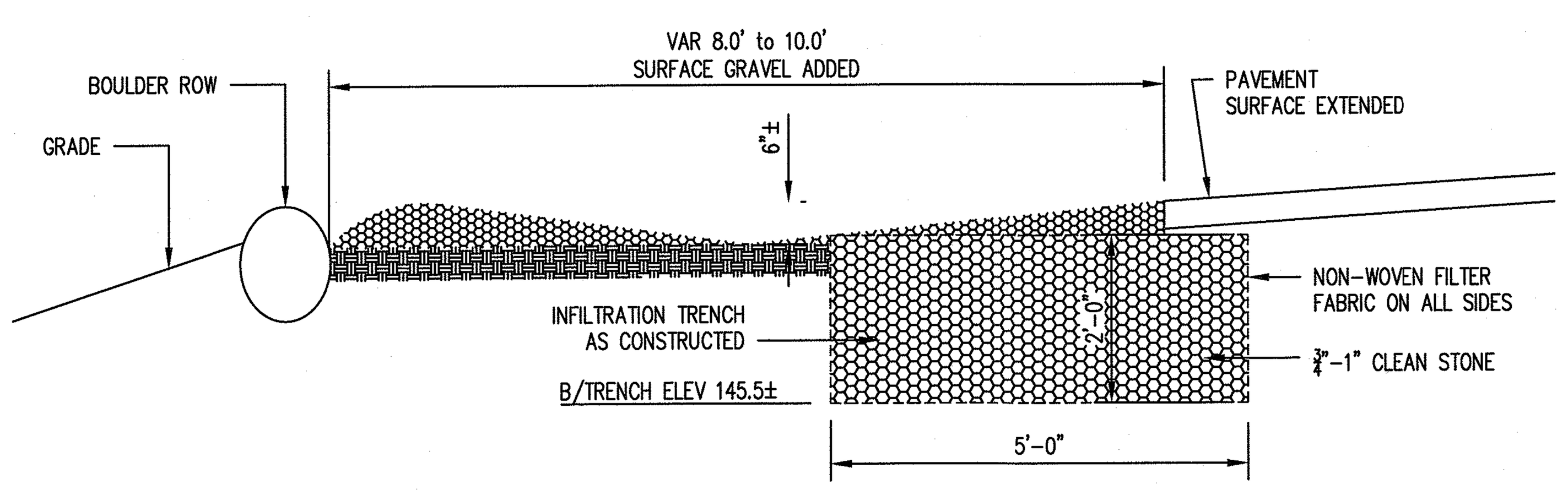
DATE 6/13/12

PROFESSIONAL ENGINEER, NJ 36679, NY 75377
PROFESSIONAL PLANNER, NJ 5204

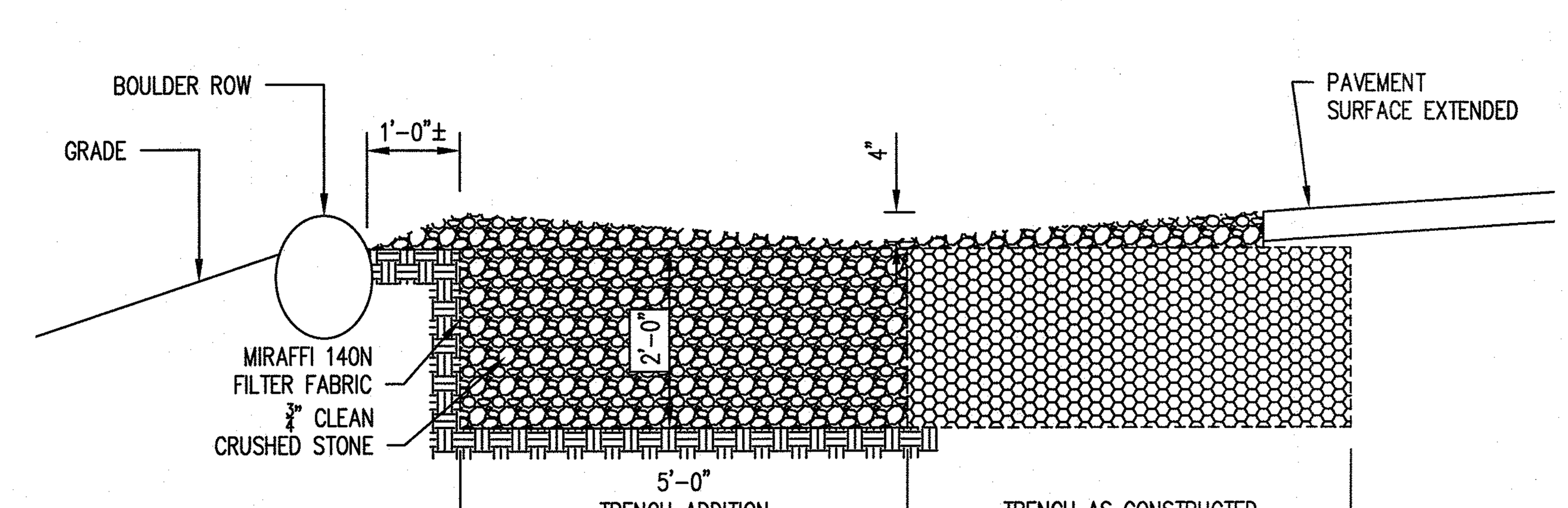
PROPOSED DRIVEWAY EXTENSION & MOSQUITO CONTROL PLAN
SECTION 69.20 BLOCK 2 LOT 28
TEMPLE ISRAEL MEMORIAL PARK
BLAUVELT – TOWN OF ORANGETOWN
ROCKLAND COUNTY NEW YORK



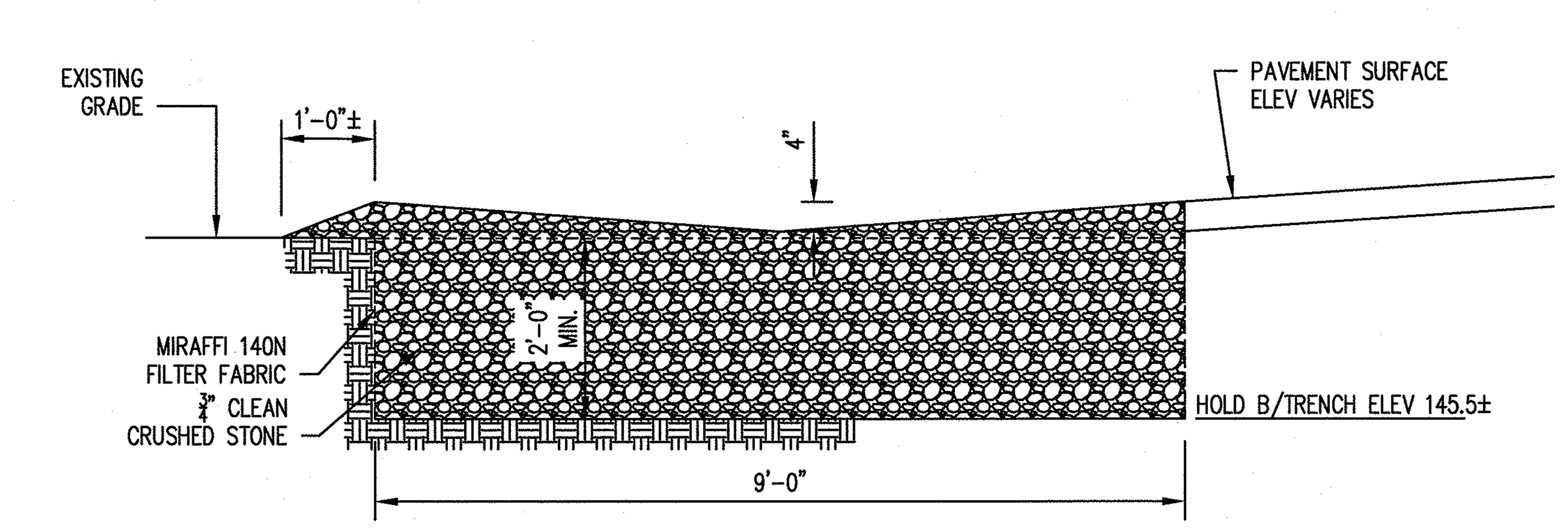
A/1 PART SITE PLAN
1" = 20'



B/1 INFILTRATION TRENCH AS CONSTRUCTED
1/2" = 1'-0"



C/1 MODIFICATION TO INFILTRATION TRENCH
1/2" = 1'-0"



D/1 EXTENSION TO INFILTRATION TRENCH
1/2" = 1'-0"

NOTES:

1. PROPERTY REFERENCE: MAP 69.20 BLOCK 02, LOT 28 AS SHOWN ON THE TAX MAP OF THE TOWN OF ORANGETOWN.
2. PROPERTY ADDRESS: 75 VAN WYCK ROAD, BLAUVELT, NY
3. OWNER: TEMPLE ISRAEL MEMORIAL PARK
   c/o CONGREGATION SONS OF ISRAEL
   300 N. BROADWAY
   UPPER NYACK, NY 10960
4. BASE DRAWING TAKEN FROM SITE PLAN PREPARED BY T. SKRABLE LAST REVISED 9/18/12 AS PER PLANNING BOARD RESOLUTION OF AUGUST 1, 2012.
5. EXISTING CONDITIONS SUPPLEMENTED WITH SURVEY DATA BY JAMES DRUMM, PLS, NANUET, NY
6. THIS APPLICATION IS FOR MODIFICATION OF PLANNING BOARD APPROVAL GRANTED AUGUST 1, 2012 AS FOLLOWS:
   A. REVISE CONDITION 3
      "APPLICANT SHALL REVISE THE TREE LINE ALONG THE NORTHWEST PROPERTY LINE AS FOLLOWS:
      –A MINIMUM OF 10 TREES SHALL BE PLANTED, EXTENDING IN A NORTHWESTERLY DIRECTION.
      –EACH TREE SHALL BE A MINIMUM OF 8 TO 9 FEET IN HEIGHT WHEN PLANTED."
      AND REPLACE WITH
      "APPLICANT SHALL INSTALL APPROX 55 LF OF 6 FT HIGH STOCKADE FENCE ALONG THE NORTHWEST PROPERTY LINE."
   B. REMOVE CONDITION 7. AS ANALYSIS OF THE TEST PIT ELEVATION ANALYSIS OF THE TEST PIT ELEVATION AND DEPTH TO GROUNDWATER SHOWS THAT THE BOTTOM OF THE INFILTRATION TRENCH WILL BE APPROX. 3 FEET ABOVE THE GROUNDWATER ELEVATION FOUND IN THE TEST PIT, AND FURTHER THAT THE REVISION TO THE . TRENCH WILL RAISE THE BOTTOM OF TRENCH BY 2 FEET.
   C. REMOVE CONDITION 15.
      REVISION OF CONDITION 3 WILL RENDER THIS CONDITION UNNECESSARY.
   D. AMEND THE CONFIGURATION OF THE INFILTRATION TRENCH TO REFLECT CONSTRUCTED CONDITION AND MODIFICATIONS TO PROVIDE ADEQUATE STORMWATER STORAGE CAPACITY AS DETERMINED BY ANALYSIS OF THE CONSTRUCTED CONDITIONS.
7. ALL OTHER CONDITIONS OF THE AUGUST 1, 2012 RESOLUTION OF THE ORANGETOWN PLANNING BOARD SHALL REMAIN IN FULL FORCE AND EFFECT.

PROJECT NO.:	19001
SCALE	AS NOTED
DATE	MAR. 31, 2023
DESIGN BY:	DML
DRAWN BY	ME
CHECKED BY	DML
DRAWING NO.	1
	SHT 1 OF 1
	proj\19001\dml_siteplan.dwg

NO.	DATE	REVISION	BY

SHEET TITLE: SITE PLAN MODIFICATION
PART SITE PLAN, DETAIL & NOTES

PROJECT: TEMPLE BETH ISRAEL MEMORIAL PARK
Blauvelt, New York

DENNIS M. LETSON, P.E. & ASSOCIATES
Consulting Engineer
160 West Central Avenue, Pearl River, N.Y. 10965
Ph.: (845) 735-1176 Fax: (845) 620-9788