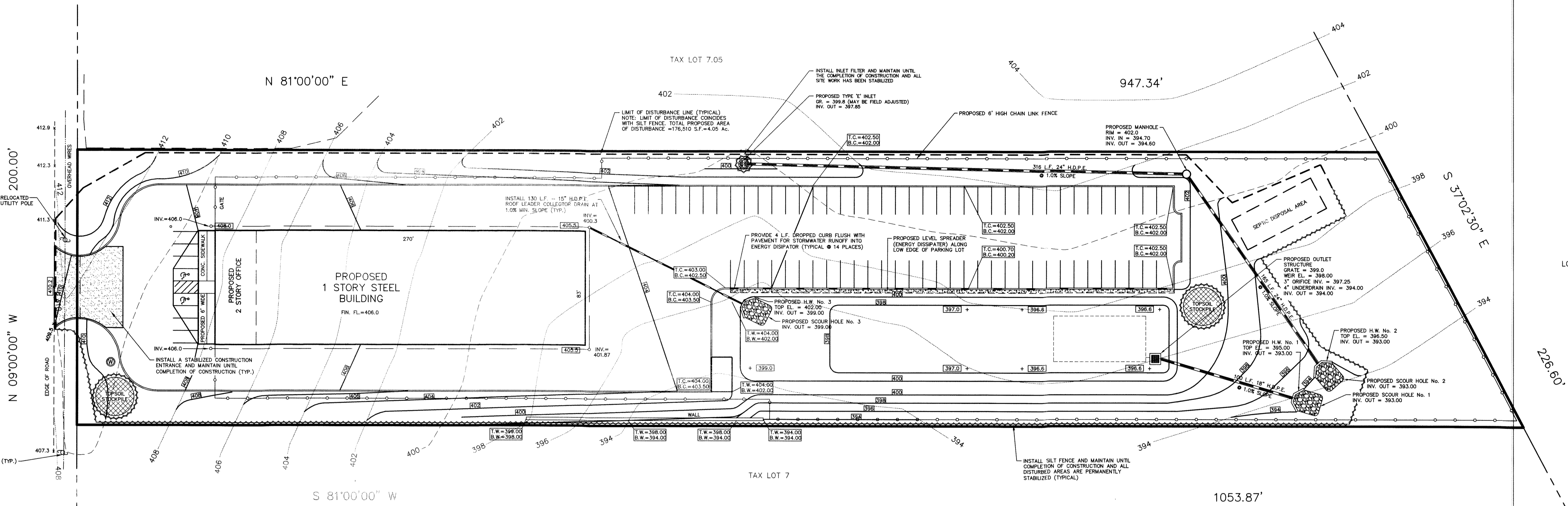


NEW JERSEY STATE HIGHWAY ROUTE 31  
(60' P.O.W.)



SOIL EROSION AND SEDIMENT CONTROL PLAN

1 inch = 40 ft.



GRAPHIC SCALE  
(IN FEET)

WARREN COUNTY SOIL CONSERVATION DISTRICT

SOIL EROSION & SEDIMENT CONTROL GENERAL NOTES:

- THE WARREN COUNTY SOIL CONSERVATION DISTRICT SHALL BE REPRESENTED AT THE PROJECTS PRE-CONSTRUCTION MEETING WITH THE MUNICIPAL ENGINEER, CONTRACTORS AND UTILITY COMPANY REPRESENTATIVES. IF THE MUNICIPAL ENGINEER DOES NOT SCHEDULE A PRE-CONSTRUCTION MEETING, IT IS THE RESPONSIBILITY OF THE OWNER OR APPLICANT TO SCHEDULE ONE PRIOR TO ANY LAND DISTURBANCE. TWO WEEKS WRITTEN NOTICE MUST BE GIVEN TO THE DISTRICT TO FOR SCHEDULING A PRE-CONSTRUCTION MEETING.
- FAILURE OF THE AFORESAID PLAN SHALL NOT RELIEVE THE APPLICANT OF ANY OF ITS RESPONSIBILITIES RELEVANT OF THE APPROPRIATE STATUTES. ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES MAY BE REQUIRED AS DEEMED NECESSARY BY THE DISTRICT IN THE EVENT OF ANY UNFORESEEN PROBLEMS INCURRED DURING CONSTRUCTION.
- ANY CHANGES OF THE APPROVED PLANS SHALL REQUIRE AN ADDITIONAL SUBMITTAL TO THE DISTRICT, INCLUDING APPROPRIATE RE-REVIEW FEES.
- A 72 HOUR START OF LAND DISTURBANCE NOTIFICATION SHALL BE GIVEN.
- IN THAT N.J.S.A. 4-24-39 et seq REQUIRES THAT NO CERTIFICATE OF OCCUPANCY BE ISSUED BY THE MUNICIPALITY BEFORE THE PROVISIONS OF THE CERTIFIED PLAN FOR SOIL EROSION AND SEDIMENT CONTROL HAVE BEEN COMPLIED WITH FOR PERMANENT MEASURES ALL SITE WORK RELATIVE TO THE APPROVED PLANS AND ALL WORK AROUND INDIVIDUAL LOTS IN SUBDIVISIONS WILL BE COMPLETED BEFORE THE DISTRICT ISSUES A CERTIFICATE OF COMPLIANCE. TWO WEEKS WRITTEN NOTICE MUST BE GIVEN TO THE DISTRICT TO SCHEDULE AN INSPECTION FOR CERTIFICATE OF COMPLIANCE RELEASE.
- FINAL STABILIZATION OF ALL LAND DISTURBANCES ASSOCIATED WITH UNDERGROUND UTILITIES, IRRESPECTIVE OF PHASING, IS THE ULTIMATE RESPONSIBILITY OF THE OWNER.
- A CASH BOND OF NOT LESS THAN \$2,500 (PER DISTURBED ACRE OR PART THEREOF, OR A LOT) SHALL BE POSTED WITH THE WARREN COUNTY SOIL CONSERVATION DISTRICT DURING THE NON-GROWING SEASON (NOVEMBER 15 - APRIL 15) IF A CERTIFICATE OF COMPLIANCE IS NEEDED AND THE SOIL EROSION AND SEDIMENT CONTROL MEASURES FOR PERMANENT STABILIZATION ARE NOT COMPLETED.
- SEDIMENT TRACKED ONTO THE PUBLIC RIGHT-OF WAY SHALL BE SWEEPED CLEAN AT THE END OF EACH WORKING DAY.
- NO BUILDING PERMIT SHALL BE RELEASED UNTIL ALL SOIL EROSION AND SEDIMENT CONTROL MEASURES AS SHOWN ON THE APPROVED PLANS ARE INSTALLED.
- DUST TO BE CONTROLLED WITH WATER, CALCIUM CHLORIDE OR OTHER METHOD APPROVED BY THE SOIL CONSERVATION DISTRICT.
- TRACKING PAD SHALL BE KEPT CLEAN AND REPAIRED AS NECESSARY.
- ALL SOIL EROSION AND SEDIMENT CONTROL MEASURES WILL BE INSTALLED IN ACCORDANCE WITH THE NEW JERSEY STANDARDS FOR SOIL EROSION AND SEDIMENT CONTROL, JULY 1999, AND WILL BE IN PLACE PRIOR TO ANY SOIL DISTURBANCE, OR IN THEIR PROPER SEQUENCE AND MAINTAINED UNTIL PERMANENT PROTECTION IS ESTABLISHED.

13. TOPSOIL STOCKPILE PROTECTION:

- APPLY GROUND LIMESTONE AT A RATE OF 90 LBS PER 1000 S.F.
- APPLY FERTILIZER (10-20-10) AT A RATE OF 11 LBS PER 1000 S.F.
- APPLY PERENNIAL RYEGRASS SEED AT A RATE OF 1 LB PER 1000 S.F. AND ANNUAL RYEGRASS SEED AT A RATE OF 1 LB PER 1000 S.F.
- MULCH STOCKPILE WITH STRAW OR HAY AT A RATE OF 90 LBS PER 1000 S.F.
- APPLY LIQUID MULCH BINDER OR TACK TO STRAW OR HAY MULCH.
- PROPERLY ENTRENCH SILT FENCE AT THE TOE OF SLOPE OF THE STOCKPILE.

14. TEMPORARY STABILIZATION SPECIFICATIONS:

- APPLY GROUND LIMESTONE AT A RATE OF 90 LBS PER 1000 S.F.
- APPLY FERTILIZER (10-20-10) AT A RATE OF 11 LBS PER 1000 S.F.
- APPLY PERENNIAL RYEGRASS SEED AT A RATE OF 1 LB PER 1000 S.F. AND ANNUAL RYEGRASS SEED AT A RATE OF 1 LB PER 1000 S.F.
- MULCH WITH STRAW OR HAY AT A RATE OF 90 LBS PER 1000 S.F.
- APPLY LIQUID MULCH BINDER OR TACK TO STRAW OR HAY MULCH.

15. PERMANENT STABILIZATION SPECIFICATIONS:

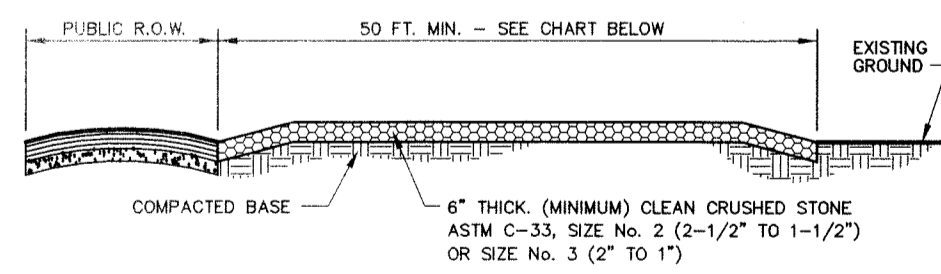
- APPLY TOPSOIL TO A DEPTH OF 5 INCHES (UNSETTLED)
- APPLY GROUND LIMESTONE AT A RATE OF 90 LBS PER 1000 S.F. AND WORK 4 INCHES INTO THE TOPSOIL.
- APPLY FERTILIZER (10-20-10) AT A RATE OF 11 LBS PER 1000 S.F.
- APPLY HARD FESCUE SEED AT A RATE OF 2.7 LBS PER 1000 S.F. AND CREEPING RED FESCUE SEED AT A RATE OF 0.7 LBS PER 1000 S.F. AND PERENNIAL RYEGRASS SEED AT A RATE OF 0.25 LBS PER 1000 S.F.
- MULCH WITH STRAW OR HAY AT A RATE OF 90 LBS PER 1000 S.F.
- APPLY LIQUID MULCH BINDER OR TACK TO STRAW OR HAY MULCH.

DUST CONTROL MATERIALS:

MATERIAL	WATER DILUTION	TYPE OF NOZZLE	APPLICATION RATE GALLONS PER ACRE
LATEX EMULSION	12.5:1	FINE SPRAY	230
RESIN IN WATER	4:1	FINE SPRAY	300
POLYACRYLAMIDE (PAM)-SPRAY ON POLYACRYLAMIDE (PAM)-DRY SPREAD	NONE	COARSE SPRAY	1,000
ADJULATED SOY BEAN SOAP STICK	NONE	COARSE SPRAY	1,000

STABILIZED CONSTRUCTION ACCESS DETAIL

NOT TO SCALE



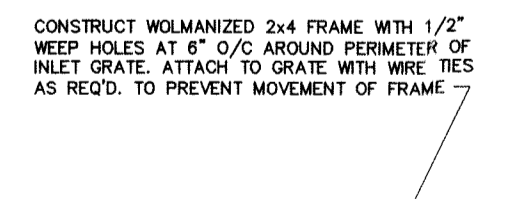
NOTE: LENGTH OF STABILIZED CONSTRUCTION ACCESS SHALL NOT BE LESS THAN AS SPECIFIED IN THE CHART BELOW.

NOTE: WIDTH OF STABILIZED CONSTRUCTION ACCESS SHALL NOT BE LESS THAN THE FULL WIDTH OF POINT(S) OF INGRESS AND EGRESS.

% SLOPE OF ROADWAY	LENGTH OF STONE REQUIRED COMPACTED SOLES	FINE SOLES
0% TO 2%	50 FT.	100 FT.
2% TO 5%	100 FT.	200 FT.
> 5%	ENTIRE SURFACE TO BE STABILIZED *	

\* IF REQUIRED BY LOCAL ORDINANCE OR OTHER GOVERNING BODY AT POORLY DRAINED LOCATIONS, SUBSURFACE DRAINAGE GRAVEL FILTER OR FILTER FABRIC SHALL BE INSTALLED BEFORE INSTALLING THE STABILIZED CONSTRUCTION ENTRANCE.

MAINTENANCE  
THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL STONE OR ADDITIONAL LENGTH AS CONDITIONS DEMAND AND REPAIR AND/OR CLEAN-OUT OF ANY MEASURES USED TO TRAP SEDIMENT. ALL SEDIMENT SPILLED, DROPPED, WASHED, OR TRACKED ONTO PUBLIC RIGHTS-OF-WAY MUST BE REMOVED IMMEDIATELY.



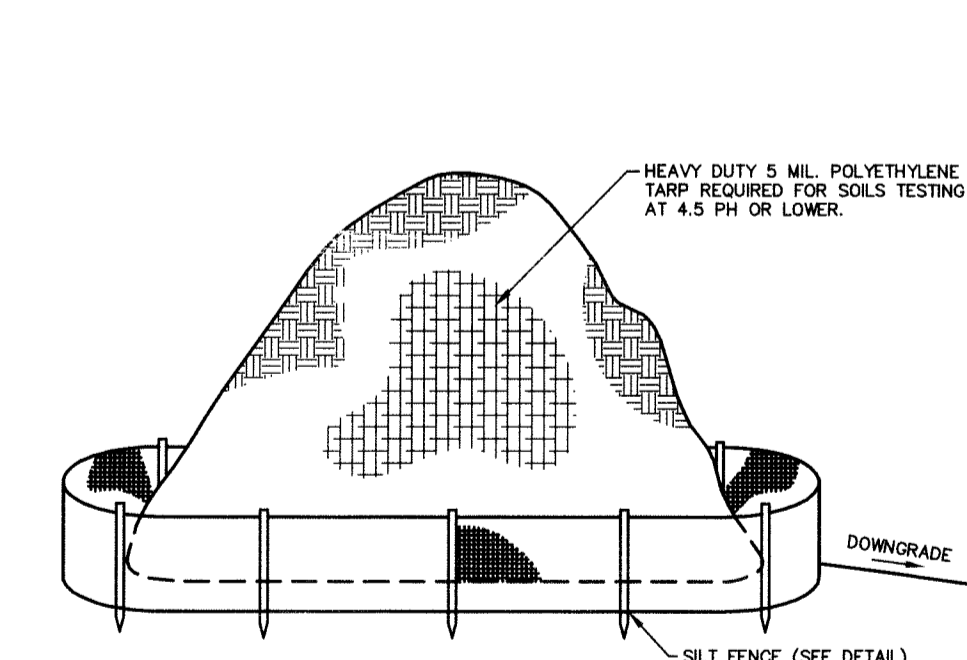
CONSTRUCT WELDMANIZED 2x4 FRAME WITH 1/2\"/>

KEEP HOLES AT 6\"/>

12\"/>

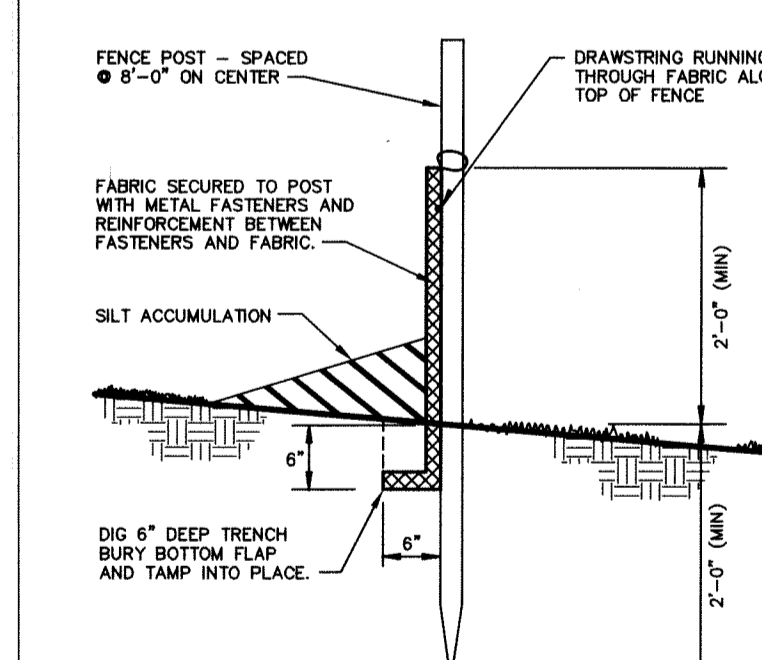
12\"/>

NOT TO SCALE



TOPSOIL STOCKPILE DETAIL

NOT TO SCALE



SILT FENCE DETAIL

NOT TO SCALE

SOIL EROSION AND SEDIMENT CONTROL PLAN

NO.	DATE	REVISION
2	01/15/21	PER BOARD
1	07/20/20	PER TOWNSHIP REVIEW

**PARKER**  
ENGINEERING & SURVEYING P.C.  
370 EAST MAIN STREET, SOMERVILLE, N.J. 08876  
PHONE: (908) 725-4400 - FAX: (908) 722-4401  
E-MAIL ADDRESS: PARKERES@AOL.COM

**SITE PLAN**  
488 ROUTE 31 SOUTH  
TAX MAP LOT 7.06 BLOCK 79  
TOWNSHIP OF WASHINGTON  
WARREN COUNTY, NEW JERSEY

**STEPHEN E. PARKER**  
NEW JERSEY PROFESSIONAL ENGINEER LIC. NO. 36187

DRAWN BY PJD	CHECKED BY S.E.P.	SCALE 1"=40'	DATE 04-15-19	FILE 13211	SHEET 6 OF 9
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DANIEL E. PARKER  
NEW JERSEY LAND SURVEYOR LIC. NO. 35866