

LIST OF PROPERTY OWNERS WITHIN  
200 FT. OF LOT 4 BLOCK 4502

4500	7	SUSSMAN, DAVID/ERIN O'CONNELL 8 SOUTHWIND DR FLANDERS, NJ 07836
4500	7.03	MAYO, CARLOS & ELAINE 6 SOUTHWIND DR FLANDERS, NJ 07836
4500	7.13	ANDERSON, ERIC EDWARD & AMANDA L 3 WESTWIND DR FLANDERS, NJ 07836
4500	7.14	RODRIGUEZ, CARMEN A 1 WESTWIND DR FLANDERS, NJ 07836
4502	2	CHIRRA, SURENDRANATH/ANURADHA 3 SOUTHWIND DR FLANDERS, NJ 07836
4502	3	KARRAM, MICHAEL/SHERRY 5 SOUTHWIND DR FLANDERS, NJ 07836
4502	4	TRICOLI, PAUL 7 SOUTHWIND DR FLANDERS, NJ 07836
4502	5	JACISIN, MICHAEL J/ANNE MARIE 9 SOUTHWIND DR FLANDERS, NJ 07836
4502	6	CHATTERJEE, LOPAMUDRA & ANGSHUMAN, M 2 WESTWIND DR FLANDERS, NJ 07836

LIST OF PUBLIC UTILITIES

BRUCE D. SMITH  
HACKETTSTOWN MUNICIPAL UTILITIES AUTHORITY  
PO BOX 450  
HACKETTSTOWN, NJ 07840

R. ALBANESE  
NEW JERSEY NATURAL GAS  
1415 WYCKOFF ROAD  
WALL, NJ 07719

BRUCE REYNOLDS  
COLUMBIA GAS TRANSMISSION CORP  
1470 POORHOUSE ROAD  
DOWNTOWN, PA 19335-342

MT. OLIVE TWP, WATER & SEWER DEPT  
PO BOX 450  
204 FLANDERS-DRAKESTOWN ROAD  
MT. OLIVE, NJ 07828

N.J. DEPT OF TRANSPORTATION  
1035 PARKWAY DR, CN 600  
TRENTON, NJ 08625

PUBLIC SERVICE ELECTRIC & GAS COMPANY  
MANAGER-CORPORATE PROPERTIES  
80 PARK PLAZA, T6B  
NEWARK, NJ 07102

NEW JERSEY-AMERICAN WATER CO. INC  
PO BOX 5627  
CHERRY HILL, NJ 08034

APPLIED WASTEWATER MGMT  
2 CLERICO LN  
HILLSBOROUGH, NJ 08844

SOIL CATEGORIES

<b>AnoC</b>	ANNANDALE GRAVELLY LOAM, 8 TO 15 PERCENT SLOPES
<b>CanB</b>	CALIFON GRAVELLY LOAM, 3 TO 8 PERCENT SLOPES
<b>CoaBc</b>	COKEBURY LOAM, 0 TO 8 PERCENT SLOPES, EXTREMELY STONY
<b>PauCc</b>	PARKER-GLADSTONE COMPLEX, 0 TO 15 PERCENT SLOPES, EXTREMELY STONY
---	SOIL BOUNDARY PER MORRIS COUNTY SOIL SURVEY

EXISTING IMPERVIOUS COVERAGE

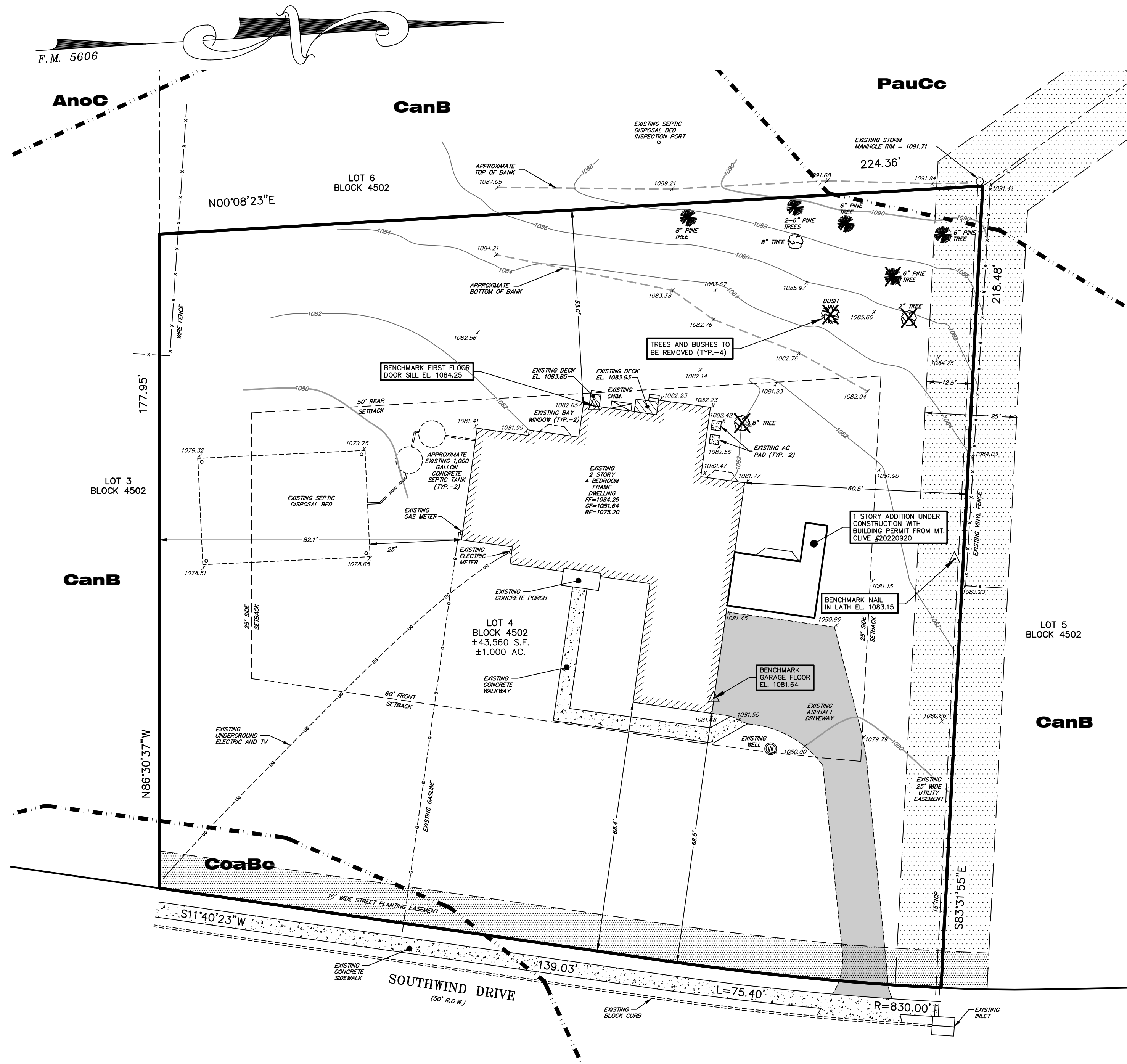
EXISTING DWELLING (INCL. CHIM.)	3,641 S.F.
EXISTING ASPHALT DRIVEWAY	1,675 S.F.
EXISTING CONCRETE WALKWAY (FRONT)	336 S.F.
EXISTING CONCRETE PORCH (FRONT)	48 S.F.
EXISTING AC PADS (2) (RIGHT)	12 S.F.
TOTAL: 5,949 S.F.	
5,949 S.F. / 43,560 S.F. =	.1366 OR 13.66%

EXISTING BUILDING COVERAGE

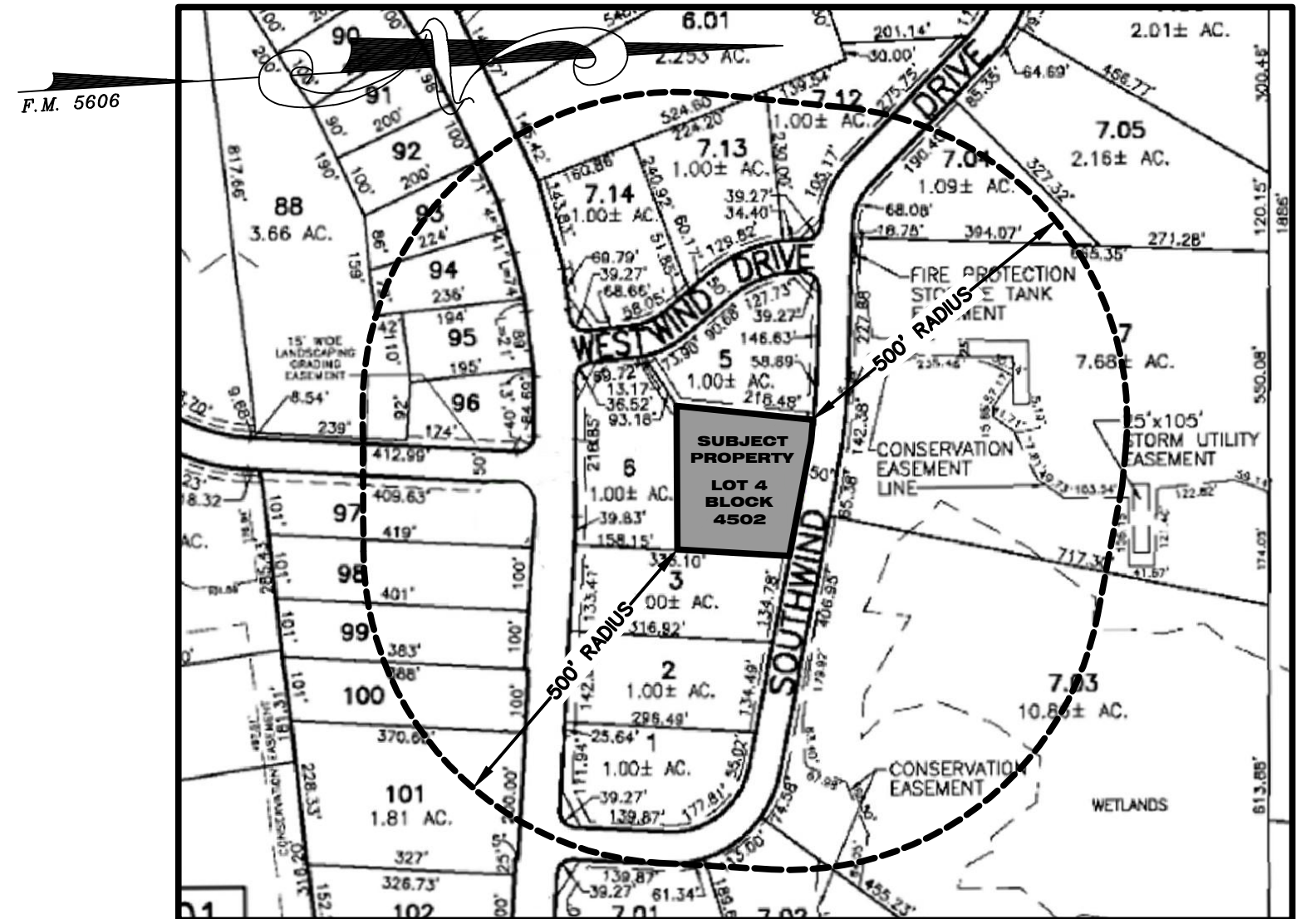
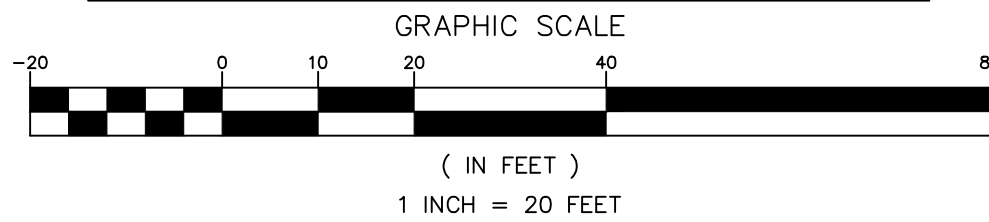
EXISTING DWELLING	3,641 S.F.
ADDITION UNDER CONSTRUCTION	416 S.F.
TOTAL = 3,641 S.F.	
4,057 S.F. / 43,560 S.F. =	0.0931 OR 9.31%

SLOPE ANALYSIS

THERE ARE NO SLOPES GREATER THAN 10% WITHIN THE PROPOSED AREA OF DISTURBANCE



EXISTING CONDITIONS PLAN VIEW



KEY MAP (TAX MAP)

SCALE: 1"=50'

GENERAL NOTES:

- 1.) APPLICANT/OWNER: PAUL TRICOLI  
7 SOUTHWIND DRIVE  
FLANDERS, NJ 07836  
PH: (609) 458-0916
- 2.) THE SUBJECT PROPERTY IS KNOWN AS LOT 4 BLOCK 4502 AS SHOWN ON SHEET 45.01 OF THE TOWNSHIP OF MOUNT OLIVE TAX MAPS. LOT 4 BLOCK 4502 CONTAINS ±43,560 S.F. OR ±1.00 AC.
- 3.) LOT DIMENSIONS (METES AND BOUNDS), AND DWELLING LOCATION, PER SURVEY PREPARED BY MORGAN ENGINEERING & SURVEYING, DAVID J. VON STRENBURG, N.J.P.L.S. No. 34500, DATED 04/23/19.
- 4.) TOPOGRAPHY AND LOCATIONS BY CIVIL ENGINEERING INC., ROBERT H. JORDAN, JR. N.J.P.L.S. No. 34485 ON 01/13/21. VERTICAL DATUM ESTABLISHED FROM AERIAL TOPOGRAPHY COMPLETED AT TIME OF ORIGINAL SUBDIVISION.
- 5.) WATER IS PROVIDED TO THE DWELLING BY A PRIVATE WELL WITHIN THE FRONT YARD OF THE PROPERTY.
- 6.) SEWERAGE IS PROVIDED BY AN ON LOT SEPTIC SYSTEM ON THE LEFT SIDE OF THE DWELLING. THE SYSTEM WAS INSTALLED IN 2003. THE LOCATION IS SHOWN PER SEPTIC SYSTEM AS BUILT DRAWING BY CIVIL ENGINEERING INC., DATED 04/25/2003.
- 7.) ELECTRIC IS PROVIDED BY AN UNDERGROUND CONNECTION TO AN EXISTING UTILITY BOX LOCATED IN THE SOUTH EAST CORNER OF THE LOT.
- 8.) ALL IMPROVEMENTS SHALL BE CONSTRUCTED IN ACCORDANCE WITH APPLICABLE STATE, COUNTY AND TOWNSHIP REGULATIONS.
- 9.) CONTRACTOR SHALL VERIFY ALL EXISTING UTILITY LINE LOCATIONS PRIOR TO ANY CONSTRUCTION.
- 10.) ALL MATERIALS ACCUMULATED BY GRUBBING OR EXCAVATION SHALL BE DISPOSED OF IN A MANNER SATISFACTORY TO THE TOWNSHIP ENGINEER.
- 11.) CONSTRUCTION WORK SHALL BE PERFORMED IN ACCORDANCE WITH ALL APPLICABLE SAFETY CODES. APPLICABLE SAFETY CODES SHALL MEAN THE LATEST EDITION INCLUDING ANY AND ALL AMENDMENTS, REVISIONS, AND ADDITIONS THERETO OF THE FEDERAL DEPARTMENT OF LABOR, OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION'S "OCCUPATIONAL SAFETY AND HEALTH STANDARDS" (OSHA); "SAFETY AND HEALTH REGULATIONS FOR CONSTRUCTION" OF THE STATE OF NEW JERSEY, DEPARTMENT OF LABOR AND INDUSTRY, BUREAU OF ENGINEERING SAFETY; "CONSTRUCTION SAFETY CODE"; AND "MAINTENANCE, CONSTRUCTION AND DEMOLITION" AND "BUILDING CODE".
- 12.) AS-BUILT DIMENSIONS OF ADDITION ON NORTH SIDE UNDER CONSTRUCTION PER SITE INVESTIGATION PERFORMED BY CIVIL ENGINEERING, INC., ON 10/19/2022.

ZONING

THE PROPERTY IS A DEVELOPED LOT IN THE R-1 RESIDENTIAL ZONE SUBJECT TO THE FOLLOWING:

MINIMUM LOT AREA	1 AC.
MINIMUM LOT WIDTH	150 FT.
PRINCIPAL BUILDING:	
FRONT SETBACK	60 FT.
SIDE SETBACK	25 FT.
REAR SETBACK	50 FT.
MAXIMUM BUILDING COVERAGE	10%
MAXIMUM LOT COVERAGE	20%
ACCESSORY STRUCTURE:	
FRONT	80 FT.
FROM PRINCIPAL STRUCTURE	15 FT.
FROM OTHER LOT LINES	1.5 X HEIGHT
POOL/PATIO SIDE & REAR SETBACK	15 FT.

\*VARIANCES REQUIRED

	REQUIRED	EXISTING	PROPOSED
PRINCIPAL BUILDING			
MINIMUM REAR SETBACK	50 FT.	±53 FT.	±38 FT.

NJ HIGHLANDS

THE PROPERTY IS ALSO LOCATED WITHIN THE NJ HIGHLANDS PRESERVATION AREA. THE DWELLING WAS CONSTRUCTED IN 2003 AND QUALIFIES FOR EXEMPTION #5:

IMPROVEMENT TO A SINGLE FAMILY DWELLING; ANY IMPROVEMENT TO A SINGLE FAMILY DWELLING IN EXISTENCE ON THE DATE OF ENACTMENT OF THIS ACT, INCLUDING BUT NOT LIMITED TO AN ADDITION, GARAGE, SHED, DRIVEWAY, PORCH, DECK, PATIO, SWIMMING POOL, OR SEPTIC SYSTEM.

THIS EXEMPTION HAS NO LIMITATION ON IMPERVIOUS COVERAGE OR LOT DISTURBANCE OTHER THAN MUNICIPAL ORDINANCES.

REVISE TO ELIMINATE IMPERVIOUS COVERAGE VARIANCE, ADD AS-BUILT DIMENSIONS OF NORTH ADDITION, AND REVISE WEST ADDITION PROPOSED DIMENSIONS				CWH	10/24/2022
Rev. No.	Description	By	Date		
CIVIL ENGINEERING, INC.					
1 COVE STREET BUDD LAKE, N.J. 07828 Telephone: (973) 426-1776 Fax: (973) 426-0716 N.J. - C of A #24GA27922000					

EXISTING CONDITIONS PLAN	
FOR:	
LOT 4 BLOCK 4502	
'7 SOUTHWIND DRIVE'	
SITUATED IN THE:	
TOWNSHIP OF MOUNT OLIVE	
MORRIS COUNTY, NEW JERSEY	
Checked By: JG	Date: 07/27/2022
Drawn By: BR	Project No: 6631

ROBERT H. JORDAN, Jr.  
PROFESSIONAL LAND SURVEYOR, N.J. LIC. NO. 34485

JAMES G. GLASSON  
PROFESSIONAL ENGINEER, N.J. LIC. NO. 37703



PROPOSED VARIANCE PLAN

GRAPHIC SCALE

( IN FEET )  
1 INCH = 10 FEET

PROPOSED IMPERVIOUS COVERAGE

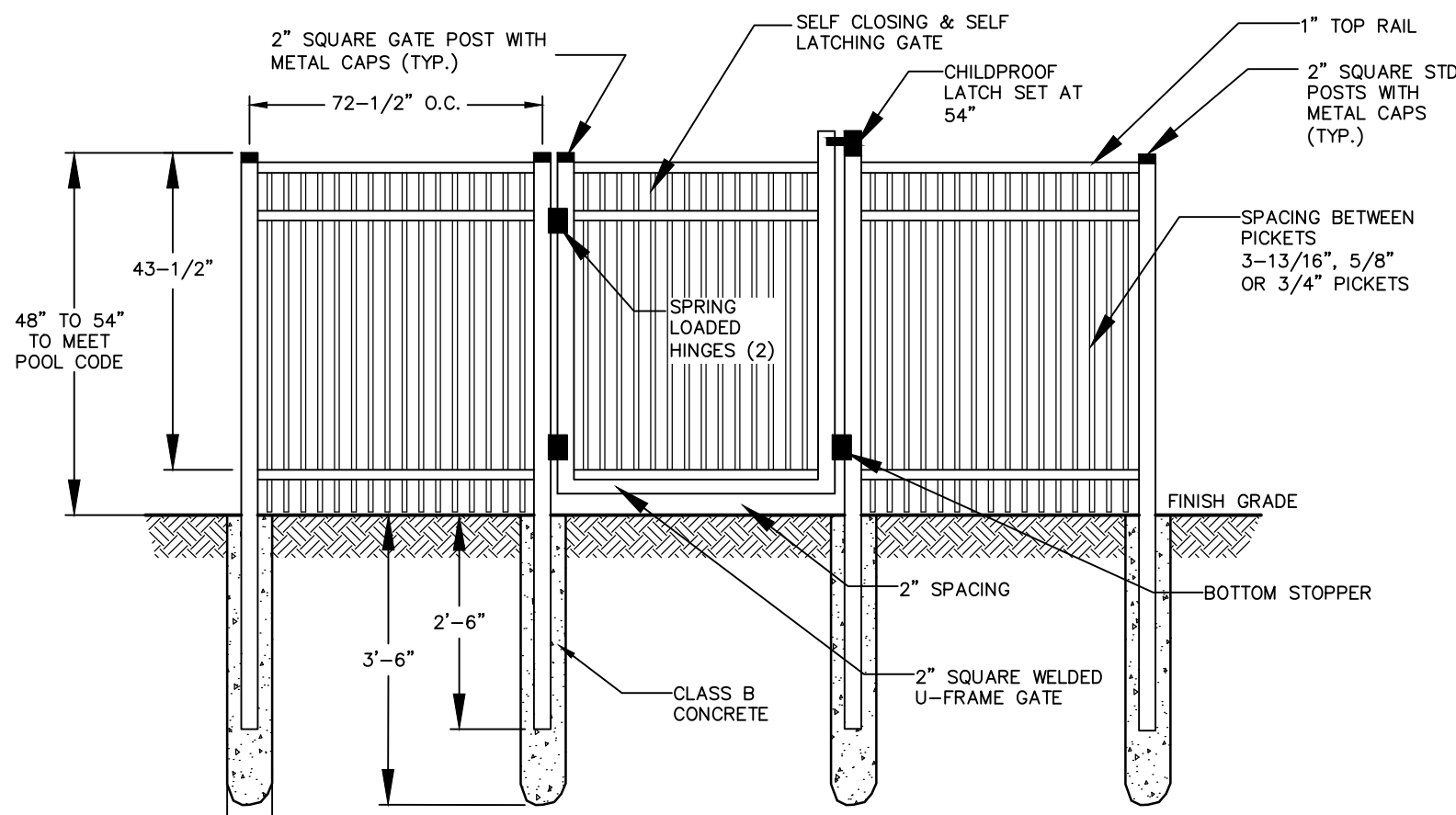
EXISTING DWELLING (INCL. CHIM.)	3,641 S.F.
EXISTING ASPHALT DRIVEWAY	1,875 S.F.
EXISTING CONCRETE WALKWAY (FRONT)	336 S.F.
EXISTING CONCRETE PORCH (FRONT)	48 S.F.
EXISTING AC PADS (2) (RIGHT)	12 S.F.
PROPOSED DWELLING ADDITIONS	715 S.F.
PROPOSED DRIVE ADDITIONS	311 S.F.
PROPOSED POOL PATIO (INCL. COPING)	913 S.F.
PROPOSED POOL AND SPA	640 S.F.
PROPOSED BILOO DOORS	45 S.F.
PROPOSED GEN PAD	32 S.F.
PROPOSED POOL COMP PAD	32 S.F.
PROPOSED AC PADS (2)	18 S.F.
PROPOSED ROCK WALL	90 S.F.
TOTAL	= 8,708 S.F.

8,708 S.F. / 43,560 S.F. = 0.1999 OR 19.99%

PROPOSED BUILDING COVERAGE

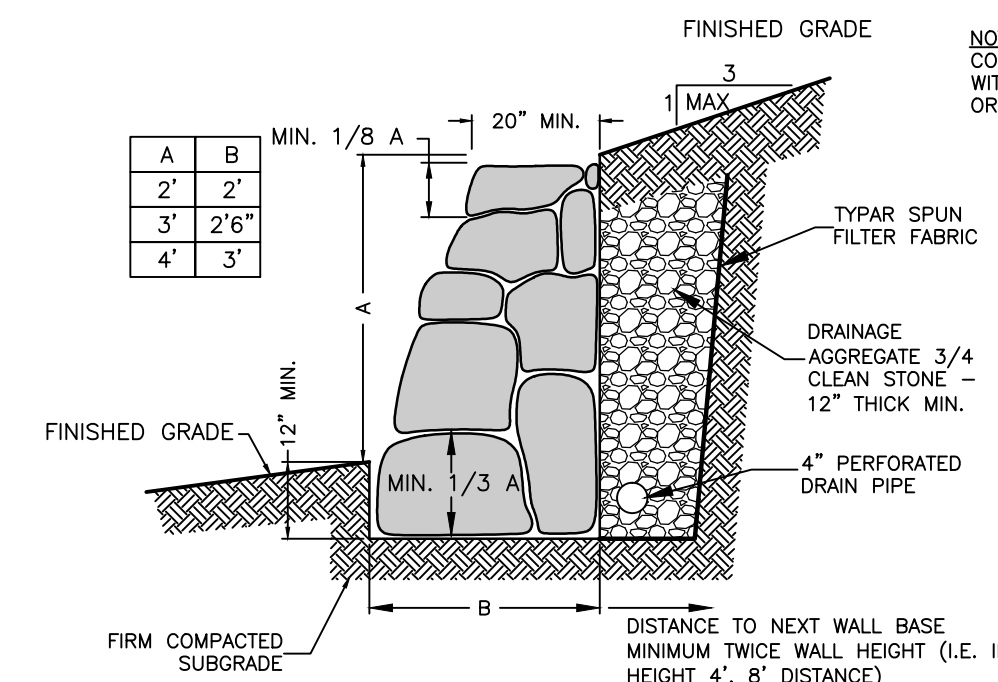
EXISTING DWELLING (INCL. CHIM.)	3,641 S.F.
ADDITION UNDER CONSTRUCTION	416 S.F.
PROPOSED DWELLING ADDITIONS	299 S.F.
TOTAL	= 4,356 S.F.

4,356 S.F. / 43,560 S.F. = 0.1000 OR 10.00%



BLACK ALUMINUM FENCE DETAIL

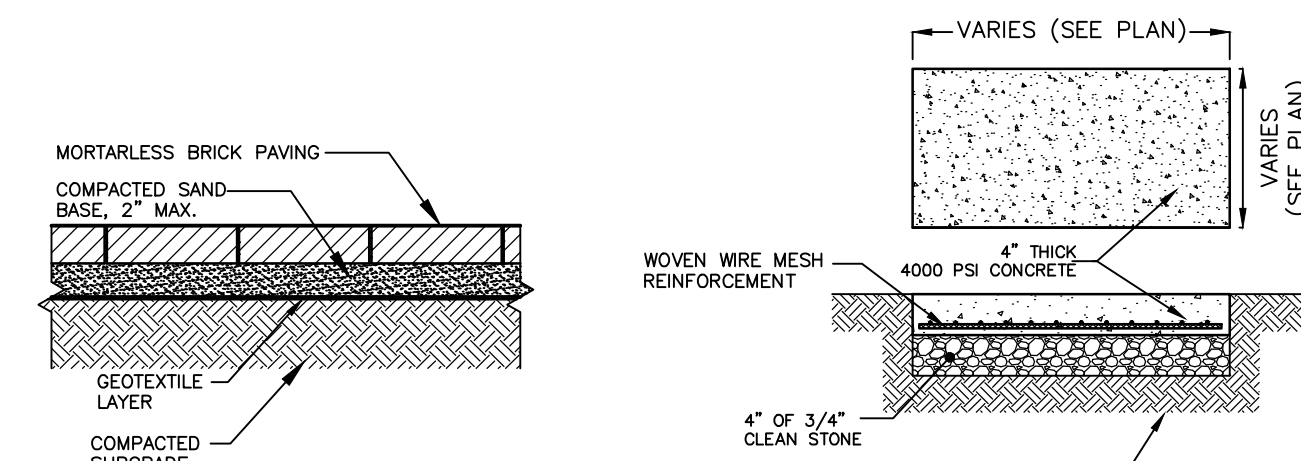
(JERTH MANUFACTURING COMPANY FENCE SPECIFICATIONS SHOWN)  
(N.T.S.)



- NOTES:
- 1) SUBGRADE SHALL BE FIRM COMPACTED WITH MINIMUM 2500 PSI BEARING CAPACITY.
  - 2) SPACES BETWEEN STONES SHALL BE FILLED WITH SHALLS NEATLY FIT INTO PLACE.
  - 3) EXPOSED FACE JOINTS SHALL BE MAXIMUM TWO INCHES IN WIDTH.
  - 4) LARGER STONE PIECES TO BE PLACED AT BASE OF WALL.
  - 5) FINISHED GRADE SHALL BE SLOPED AWAY FROM BASE OF WALLS TO FACILITATE DRAINAGE.
  - 6) STONE WEIGHT MIN. 130#/C.F.
  - 7) FOUR FOOT MAXIMUM WALL HEIGHT.

STONE WALL DETAIL

(N.T.S.)



PAVER PATIO/WALKWAY DETAIL

(N.T.S.)

CONCRETE PAD FOR POOL COMPONENTS AND GENERATOR

(N.T.S.)

JAMES G. GLASSON  
PROFESSIONAL ENGINEER, N.J. LIC. NO. 37703

REVISE TO ELIMINATE IMPERVIOUS COVERAGE VARIANCE, ADD AS-BUILT DIMENSIONS OF NORTH ADDITION, AND REVISE WEST ADDITION PROPOSED DIMENSIONS CWH 10/24/2022

Rev. No.	Description	By	Date
1.			

CIVIL ENGINEERING, INC.

1 COVE STREET  
BUDD LAKE, N.J. 07828  
Telephone: (973) 426-1776  
Fax: (973) 426-0716  
N.J. - C of A #24GA27922000

PROPOSED VARIANCE PLAN  
FOR:  
LOT 4 BLOCK 4502  
'7 SOUTHWIND DRIVE'

SITUATED IN THE:  
TOWNSHIP OF MOUNT OLIVE  
MORRIS COUNTY, NEW JERSEY

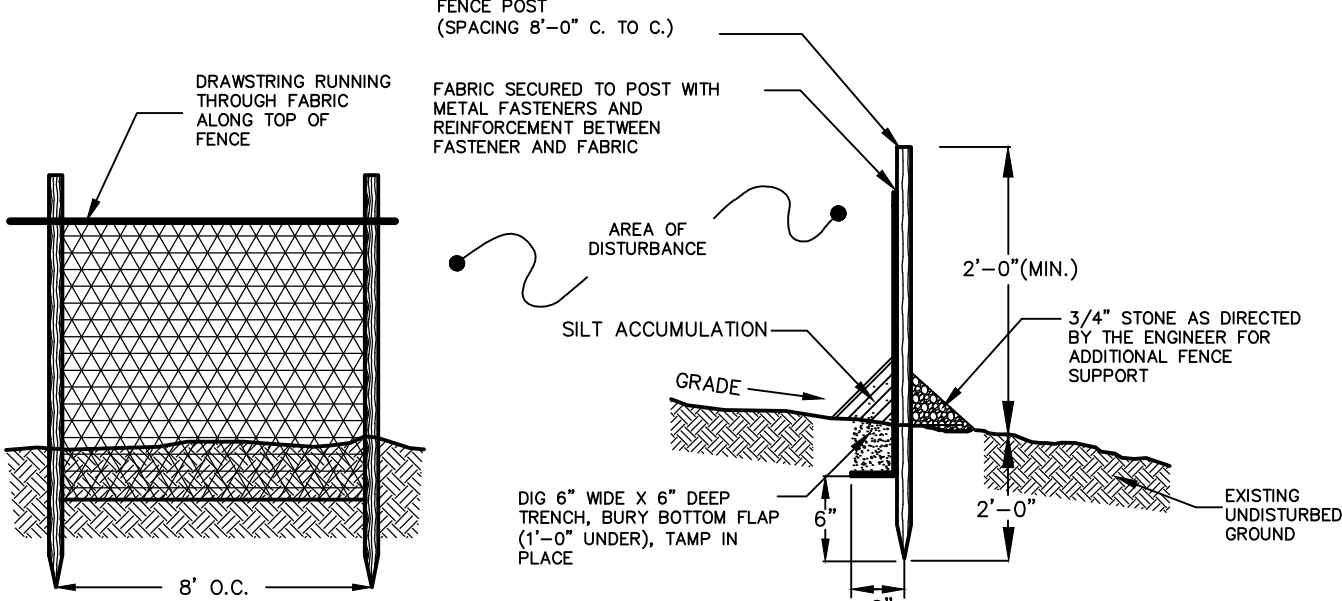
Checked By:	JG	Date:	07/27/2022
Drawn By:	BR	Project No.:	6631



MORRIS COUNTY SOIL CONSERVATION DISTRICT  
SOIL EROSION AND SEDIMENT CONTROL NOTES

1. ALL SOIL EROSION AND SEDIMENT CONTROL PRACTICES WILL BE INSTALLED IN ACCORDANCE WITH THE STANDARDS FOR SOIL EROSION AND SEDIMENT CONTROL IN NEW JERSEY, AND WILL BE IN PLACE PRIOR TO ANY MAJOR SOIL DISTURBANCE, OR IN THEIR PROPER SEQUENCE AND MAINTAINED UNTIL PERMANENT PROTECTION IS ESTABLISHED.
2. ANY DISTURBED AREA THAT WILL BE LEFT EXPOSED FOR MORE THAN THIRTY (30) DAYS AND NOT SUBJECT TO CONSTRUCTION TRAFFIC SHALL IMMEDIATELY RECEIVE A TEMPORARY SEEDING. IF THE SEASON PROHIBITS TEMPORARY SEEDING, THE DISTURBED AREA WILL BE MULCHED WITH STRAW OR HAY AND TACKED IN ACCORDANCE WITH THE NEW JERSEY STANDARDS. SEE NOTE 21 BELOW.
3. PERMANENT VEGETATION IS TO BE ESTABLISHED ON EXPOSED AREAS WITHIN TEN (10) DAYS AFTER FINAL GRADING. MULCH IS TO BE USED FOR PROTECTION UNTIL VEGETATION IS ESTABLISHED. SEE NOTE 22 BELOW.
4. IMMEDIATELY FOLLOWING INITIAL DISTURBANCE OR ROUGH GRADING, ALL CRITICAL AREAS (STEEP SLOPES, SANDY SOILS, WET CONDITIONS) SUBJECT TO EROSION WILL RECEIVE A TEMPORARY SEEDING IN ACCORDANCE WITH NOTE 21 BELOW.
5. TEMPORARY DIVERSION BERMS ARE TO BE INSTALLED ON ALL CLEARED ROADWAYS AND EASEMENT AREAS. SEE THE DIVERSION DETAIL.
6. PERMANENT SEEDING AND STABILIZATION TO BE IN ACCORDANCE WITH THE "STANDARDS FOR PERMANENT VEGETATIVE COVER FOR SOIL STABILIZATION COVER", SPECIFIED RATES AND LOCATIONS SHALL BE AS ON THE APPROVED SOIL EROSION AND SEDIMENT CONTROL PLAN.
7. THE SITE SHALL AT ALL TIMES BE GRAZED AND MAINTAINED SUCH THAT ALL STORM WATER RUNOFF IS DIVERTED TO SOIL EROSION AND SEDIMENT CONTROL FACILITIES.
8. ALL SEDIMENTATION STRUCTURES (SILT FENCE, INLET FILTERS, AND SEDIMENT BASINS) WILL BE INSPECTED & MAINTAINED DAILY.
9. STOCKPILES SHALL NOT BE LOCATED WITHIN 50' OF A FLOODPLAIN, SLOPE, DRAINAGE FACILITY, OR ROADWAY. ALL STOCKPILE BASES SHALL HAVE A SILT FENCE PROPERLY ENTRENCHED AT TOE OF SLOPE.
10. A STABILIZED CONSTRUCTION ACCESS WILL BE INSTALLED, WHENEVER AN EARTHEN ROAD INTERSECTS WITH A PAVED ROAD. SEE THE STABILIZED CONSTRUCTION ACCESS DETAIL FOR CHART AND DIMENSIONS.
11. ALL NEW ROADWAYS WILL BE TREATED WITH A SUITABLE SUBBASE UPON ESTABLISHMENT OF FINAL GRADE ELEVATIONS.
12. PAVED ROADWAYS MUST BE KEPT CLEAN AT ALL TIMES.
13. BEFORE DISCHARGE POINTS BECOME OPERATIONAL, ALL STORM DRAINAGE OUTLETS WILL BE STABILIZED AS REQUIRED.
14. ALL DOWNSPOUT OPERATIONS MUST DISCHARGE DIRECTLY INTO A SEDIMENT FILTER AREA. THE FILTER SHOULD BE COMPOSED OF A FABRIC OR APPROVED MATERIAL. SEE THE DOWNSPOUT DETAIL.
15. ALL SEDIMENT BASINS WILL BE CLEANED WHEN THE CAPACITY HAS BEEN REDUCED BY 50%. CLEAN OUT ELEVATION WILL BE IDENTIFIED ON THE PLAN AND A MARKER INSTALLED ON THE SITE DURING AND AFTER CONSTRUCTION. THE APPLICANT WILL BE RESPONSIBLE FOR THE MAINTENANCE AND UPKEEP OF THE DRAINAGE STRUCTURES, VEGETATIVE COVER, AND ANY OTHER MEASURES DEEMED APPROPRIATE BY THE DISTRICT. SAID RESPONSIBILITY SHALL END WHEN COMPLETED WORK IS APPROVED BY THE MORRIS COUNTY SOIL CONSERVATION DISTRICT.
16. ALL TREES OUTSIDE THE LIMIT INDICATED ON THE SUBJECT PLAN, OR THOSE TREES WITHIN THE DISTURBANCE AREA WHICH ARE DESIGNATED TO REMAIN AFTER CONSTRUCTION, ARE TO BE PROTECTED WITH TREE PROTECTION DEVICES. SEE THE TREE PROTECTION DETAIL.
17. THE MORRIS COUNTY SOIL CONSERVATION DISTRICT MAY REQUEST ADDITIONAL MEASURES TO MINIMIZE ON OR OFF SITE EROSION PROBLEMS DURING CONSTRUCTION.
18. THE MORRIS COUNTY SOIL CONSERVATION DISTRICT MUST BE NOTIFIED, IN WRITING, AT LEAST 72 HOURS PRIOR TO ANY LAND DISTURBANCE, AND A PRE-CONSTRUCTION MEETING HELD.
19. CONTRACTOR TO SET UP A MEETING WITH THE INSPECTOR FOR PERIODIC INSPECTIONS OF THE TEMPORARY SEDIMENT BASIN PRIOR TO AND DURING ITS CONSTRUCTION.
20. TOPSOIL STOCKPILE PROTECTION:
  - A. APPLY GROUND LIMESTONE AT A RATE OF 90 LBS/1000 S.F.
  - B. APPLY FERTILIZER (10-20-10) AT A RATE OF 11 LBS/1000 S.F.
  - C. APPLY PERENNIAL RYEGRASS AT A RATE OF 1 LB/1000 S.F. AND ANNUAL RYEGRASS AT A RATE OF 1 LB/1000 S.F.
  - D. MULCH STOCKPILE WITH STRAW OR HAY AT A RATE OF 90 LBS/1000 S.F.
  - E. APPLY A LIQUID MULCH BINDER OR TACK TO STRAW OR HAY MULCH.
  - F. PROPERLY ENTRENCH A SILT FENCE AT THE BOTTOM OF THE STOCKPILE.
21. TEMPORARY STABILIZATION SPECIFICATIONS:
  - A. APPLY GROUND LIMESTONE AT A RATE OF 90 LBS/1000 S.F.
  - B. APPLY FERTILIZER (10-20-10) AT A RATE OF 11 LBS/1000 S.F.
  - C. APPLY PERENNIAL RYEGRASS AT 1 LB/1000 S.F. AND ANNUAL RYEGRASS AT 1 LB/1000 S.F.
  - D. MULCH STOCKPILE WITH HAY OR STRAW. APPLY AT A RATE OF 90 LBS/1000 S.F.
  - E. APPLY A LIQUID MULCH BINDER OR TACK TO STRAW OR HAY MULCH.
22. PERMANENT STABILIZATION SPECIFICATIONS:
  - A. APPLY TOPSOIL TO A DEPTH OF 5" (UNSETTLED).
  - B. APPLY GROUND LIMESTONE AT A RATE OF 90 LBS/1000 S.F. AND WORK FOUR INCHES (4") INTO SOIL.
  - C. APPLY FERTILIZER (10-20-10) AT A RATE OF 11 LBS/1000 S.F.
  - D. APPLY HARD FESCUE AT 2.7 LBS/1000 S.F., CREEPING RED FESCUE 0.7 LBS/1,000 S.F. AND PERENNIAL RYEGRASS AT 0.25 LBS/1,000 S.F.
  - E. MULCH WITH HAY OR STRAW. APPLY AT A RATE OF 90 LBS/1000 S.F.
  - F. APPLY LIQUID MULCH BINDER OR TACK TO STRAW OR HAY MULCH.

NOTE: 72 HOURS PRIOR TO ANY SOIL DISTURBANCE, NOTICE IN WRITING SHALL BE GIVEN TO THE MORRIS COUNTY SOIL CONSERVATION DISTRICT AND A PRE-CONSTRUCTION MEETING HELD.



- GENERAL NOTES:
1. FENCE POSTS SHALL BE SPACED 6' O.C. OR CLOSER. THEY SHALL EXTEND AT LEAST 2 FT. INTO THE GROUND AND EXTEND AT LEAST 2 FT. ABOVE THE GROUND. POSTS SHALL BE CONSTRUCTED OF HARDWOOD WITH A MINIMUM DIAMETER THICKNESS OF 1-1/2 INCHES.
  2. A METAL FENCE WITH 8 INCH OR SMALLER OPENINGS AND AT LEAST 2 FEET HIGH MAY BE UTILIZED, FASTENED TO THE FENCE POSTS TO PROVIDE REINFORCEMENT AND SUPPORT TO THE GEOTEXTILE FABRIC WHERE SPACE FOR OTHER PRACTICES IS LIMITED AND HEAVY SEDIMENT LOADING IS EXPECTED.
  3. A GEOTEXTILE FABRIC, RECOMMENDED FOR SUCH USE BY THE MANUFACTURER, SHALL BE BURIED AT LEAST 6 INCHES DEEP INTO THE GROUND. THE FABRIC SHALL EXTEND AT LEAST 2 FEET ABOVE THE GROUND. THE FABRIC MUST BE SECURELY FASTENED TO THE POSTS USING A SYSTEM CONSISTING OF METAL FASTENERS (NAILS OR STAPLES) AND A HIGH STRENGTH REINFORCEMENT MATERIAL (NYLON WEBBING, CROMATES, WASHERS, ETC.) PLACED BETWEEN THE FASTENER AND THE GEOTEXTILE. THE FASTENING SYSTEM SHALL RESIST TEARING AWAY FROM THE POST. THE FABRIC SHALL INCORPORATE A DRAWSTRING IN THE TOP PORTION OF THE FENCE FOR ADDED STRENGTH.

- MAINTENANCE NOTES:
1. SEDIMENT SHALL BE REMOVED FROM THE UPSTREAM FACE OF THE BARRIER WHEN IT HAS REACHED A DEPTH OF 1/2 THE BARRIER HEIGHT.
  2. REPAIR OR REPLACE BARRIER (FABRIC, POSTS, BALES ETC.) WHEN DAMAGED.
  3. BARRIERS SHALL BE INSPECTED DAILY FOR SIGNS OF DETERIORATION AND SEDIMENT REMOVAL.

SILT FENCE DETAIL  
(N.T.S.)

DUST CONTROL MATERIALS			
MATERIAL	WATER DILUTION	TYPE OF NOZZLE	APPLY GAL/ACRE
ANIONIC ASPHALT EMULSION	7:1	COARSE SPRAY	1200
LATEX EMULSION	12.5:1	FINE SPRAY	235
RESIN IN WATER	4:1	FINE SPRAY	300
POLYACRYLAMIDE (PAM) - SPRAY ON POLYACRYLAMIDE (PAM) - DRY SPREAD	APPLY ACCORDING TO MANUFACTURER'S INSTRUCTIONS. MAY ALSO BE USED AS AN ADDITIVE TO SEDIMENT BASINS TO FLOCCULATE AND PRECIPITATE SUSPENDED COLLOIDS. SEE SEDIMENT BASIN STANDARD.		
ADJULATED SOY BEAN SOAP STICK	NONE	COARSE SPRAY	1200

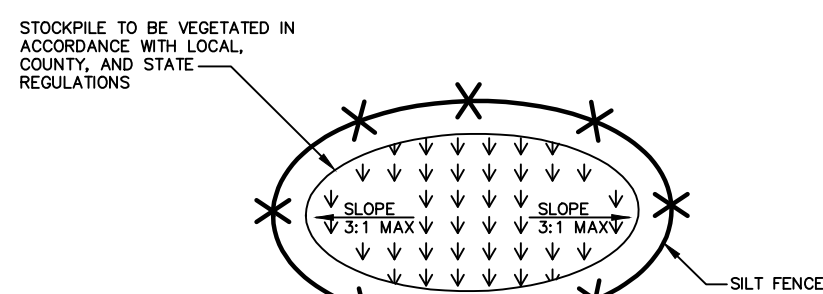
TILLAGE - TO ROUGHEN SURFACE AND BRING CLODS TO THE SURFACE. THIS IS A TEMPORARY EMERGENCY MEASURE WHICH SHOULD BE USED BEFORE SOIL BLOWING STARTS. BEGIN PLOWING ON WINDWARD SIDE OF SITE. DISH - TYP. PLOWS SPACED ABOUT 12 INCHES APART, AND SPRING TOOTHED HARROWS ARE EXAMPLES OF EQUIPMENT WHICH MAY PRODUCE THE DESIRED EFFECT.

SPRINKLING - SITE IS SPRINKLED UNTIL THE SURFACE IS WET.

BARRIERS - SOLID BOARD FENCES, SNOW FENCES, BURLAP FENCES, GRATE WALLS, BALES OF HAY, AND SIMILAR MATERIAL CAN BE USED TO CONTROL AIR CURRENTS AND SOIL BLOWING.

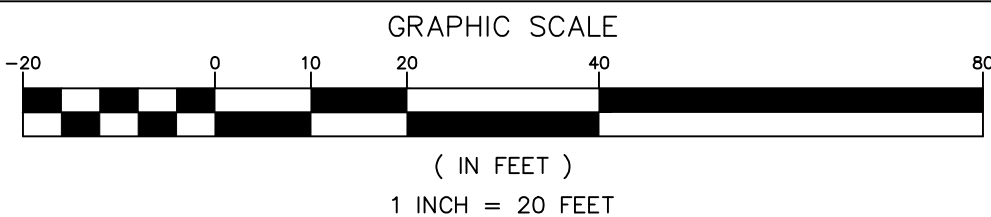
CALCIUM CHLORIDE - SHALL BE IN THE FORM OF LOOSE, DRY GRANULES OR FLAKES FINE ENOUGH TO FEED THROUGH COMMONLY USED SPREADERS AT A RATE THAT WILL KEEP SURFACES MOIST BUT NOT CAUSE POLLUTION OR PLANT DAMAGE. IF USED ON STEEPER SLOPES, THEN USE OTHER PRACTICES TO PREVENT WASHING INTO STREAMS, OR ACCUMULATION AROUND PLANTS.

SIDE - COVER SURFACE WITH CRUSHED STONE OR COARSE GRAVEL.



TOPSOIL STOCKPILE DETAIL  
(N.T.S.)

SOIL EROSION AND SEDIMENT CONTROL PLAN



LEGEND	
	CONSTRUCTION ENTRANCE
	LIMIT OF DISTURBANCE
	SILT FENCE
	TOPSOIL STOCKPILE
	PROPOSED SPOT GRADE
	RUNOFF SWALE FLOW
	INLET FILTER

ROBERT H. JORDAN, Jr.  
PROFESSIONAL LAND SURVEYOR, N.J. LIC. NO. 34485

JAMES G. GLASSON  
PROFESSIONAL ENGINEER, N.J. LIC. NO. 37703

TEMPORARY CONSTRUCTION FILTER DETAIL  
(N.T.S.)

REVISE TO ELIMINATE IMPROVISED COVERAGE VARIANCE, ADD AS-BUILT DIMENSIONS OF NORTH ADDITION, AND REVISE WEST ADDITION PROPOSED DIMENSIONS			
Rev. No.	Description	By	Date
1.		CWH	10/24/2022

CIVIL ENGINEERING, INC.

1 COVE STREET  
BUDD LAKE, N.J. 07828  
Telephone: (973) 426-1776  
Fax: (973) 426-0716  
N.J. - C of A #24GA27922000

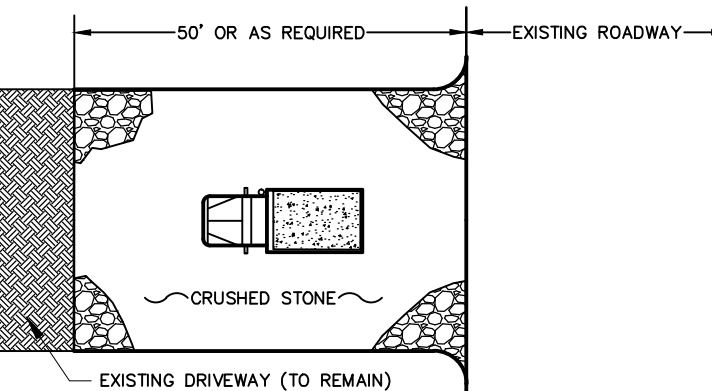
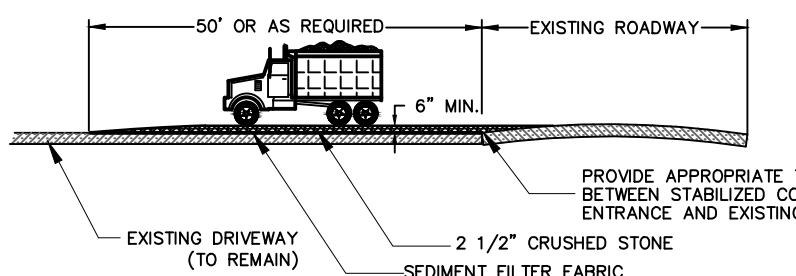
SOIL EROSION & SEDIMENT CONTROL PLAN FOR:	
LOT 4 BLOCK 4502 '7 SOUTHWIND DRIVE'	
SITUATED IN THE: TOWNSHIP OF MOUNT OLIVE MORRIS COUNTY, NEW JERSEY	
Checked By: JG	Date: 07/27/2022
Drawn By: BR	Project No: 6631

SEQUENCE OF CONSTRUCTION	
DESCRIPTION	TIME FRAMES IN DAYS
1. INSTALL FABRIC FILTER FENCES, WHEEL CLEARING APRON, AND TREE PROTECTION	1
2. REMOVE TREES PER PLAN (6-TYP.)	2
3. STRIP AND STOCKPILE TOPSOIL, SEED WITH TEMPORARY SEEDING	3
4. ROUGH GRADING, DRAINAGE, AND DRYWELLS	10
5. CONSTRUCT WALL	5
6. CONSTRUCT PADS, POOL, UTILITY PADS, AND PROPOSED ADDITIONS	60
7. CONSTRUCT FENCE	10
8. SCARIFY/TILL SUBSOIL TO A MINIMUM DEPTH OF 6"	3
9. FINE GRADE	2
10. SLOPE STABILIZATION-PERMANENT SEEDING	3
11. COMPLETE PROJECT-LANDSCAPING	1
12. TEMPORARY SOIL EROSION MEASURES TO BE REMOVED	1
TOTAL	±102



GENERAL NOTES:

1. APPLICANT/OWNER: PAUL TRICOLI, 7 SOUTHWIND DRIVE, PLAINFIELD, NJ 07068, PH: (609) 458-0916.
2. THE SUBJECT PROPERTY IS KNOWN AS LOT 4 BLOCK 4502 AS SHOWN ON SHEET 45.01 OF THE TOWNSHIP OF MOUNT OLIVE TAX MAPS. LOT 4 BLOCK 4502 CONTAINS 1,560 S.F. OR ±1.00 AC.
3. LOT DIMENSIONS (METES AND BOUNDS), AND DWELLING LOCATION, PER SURVEY PREPARED BY MORGAN ENGINEERING & SURVEYING, DAVID J. VON STREIBER, N.J.P.L. No. 34500, DATED 04/23/19.
4. TOPOGRAPHY AND LOCATIONS BY CIVIL ENGINEERING INC., ROBERT H. JORDAN, JR., N.J.P.L. No. 34485 ON 01/13/21. VERTICAL DATUM ESTABLISHED FROM AERIAL TOPOGRAPHY COMPLETED AT TIME OF ORIGINAL SUBDIVISION.



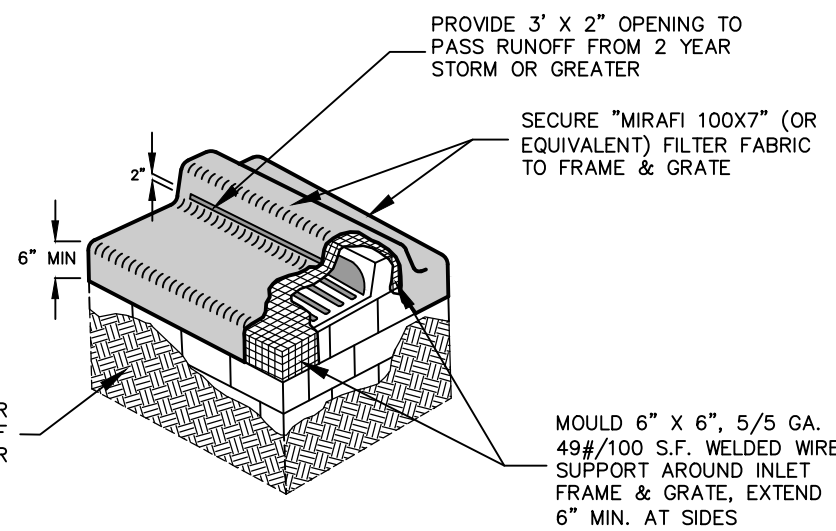
NOTE: INDIVIDUAL LOT ACCESS POINTS MAY REQUIRE STABILIZATION THICKNESS SHOWN IS FOR STONE CONSTRUCTION ACCESS ONLY (TYP.)

STABILIZED CONSTRUCTION ACCESS DETAIL  
(N.T.S.)

PERCENT SLOPE OF ROADWAY	LENGTH OF STONE REQUIRED	
	COURSE GRAINED SOILS	FINE GRAINED SOILS
0 TO 2%	50 FT.	100 FT.
2 TO 5%	100 FT.	200 FT.
> 5%	ENTIRE SURFACE STABILIZED WITH FABRIC BASE COURSE*	

\* AS PRESCRIBED BY LOCAL ORDINANCE OR OTHER GOVERNING AUTHORITY

TREE PROTECTION DETAIL  
(N.T.S.)



1. CONTRACTOR IS TO CLEAN INLET FILTER AFTER EVERY STORM.
2. IF BOTTOM OF ROADWAY BOX IS BELOW TOP OF GRATE, CONSTRUCT OPENINGS IN INLET WALL TO ALLOW WATER TO FLOW IN, COVER OPENINGS WITH WELDED WIRE SUPPORT AND FILTER FABRIC.
3. INSPECTION SHALL BE FREQUENT, MAINTENANCE, REPAIR AND REPLACEMENT SHALL BE MADE PROMPTLY, AS NEEDED. THE BARRIER SHALL BE REMOVED WHEN THE AREA DRAINING TOWARDS THE INLET HAS BEEN STABILIZED.

TYPE 'B'

TEMPORARY CONSTRUCTION FILTER DETAIL  
(N.T.S.)