

LOT 18.01
(BLOCK 71.01)

LOT 13
(BLOCK 71.01)

LOT 14
(BLOCK 71.01)

SOIL EROSION AND SEDIMENT CONTROL NOTES:

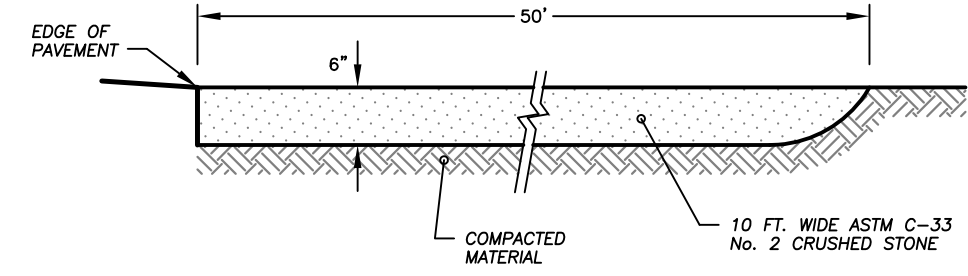
- 1. ALL SOIL EROSION AND SEDIMENT CONTROL PRACTICES SHALL BE INSTALLED PRIOR TO ANY MAJOR SOIL DISTURBANCES...
2. ANY DISTURBED AREAS THAT WILL BE LEFT EXPOSED MORE THAN 30 DAYS AND NOT SUBJECT TO CONSTRUCTION TRAFFIC...
3. PERMANENT VEGETATION SHALL BE SEEDED OR SOODED ON ALL EXPOSED AREAS WITHIN TEN (10) DAYS AFTER FINAL GRADING...
4. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE NJ STATE STANDARDS FOR SOIL EROSION AND SEDIMENT CONTROL IN NEW JERSEY...
5. A SUB-BASE COURSE WILL BE APPLIED IMMEDIATELY FOLLOWING ROUGH GRADING AND INSTALLATION OF IMPROVEMENTS IN ORDER TO STABILIZE STREETS, ROADS, DRIVEWAYS AND PARKING AREAS...
6. IMMEDIATELY FOLLOWING INITIAL DISTURBANCE OR ROUGH GRADING ALL CRITICAL AREAS SUBJECT TO EROSION...
7. ANY STEEP SLOPES RECEIVING PIPELINE INSTALLATION WILL BE BACKFILLED AND STABILIZED DAILY...
8. TRAFFIC CONTROL STANDARDS REQUIRE THE INSTALLATION OF A 50' X 30' X 6' PAD OF 1 1/2" OR 2" STONE...
9. THE SOMERSET-UNION SOIL CONSERVATION DISTRICT SHALL BE NOTIFIED IN WRITING 48 HOURS IN ADVANCE...
10. AT THE TIME WHEN THE SITE PREPARATION FOR PERMANENT VEGETATIVE STABILIZATION IS GOING TO BE ACCOMPLISHED...
11. IN THAT NUSA 4-24-39 ET SEQ., REQUIRES THAT NO CERTIFICATE OF OCCUPANCY BE ISSUED BEFORE THE PROVISIONS OF THE CERTIFIED PLAN FOR SOIL EROSION AND SEDIMENT CONTROL HAVE BEEN COMPLIED WITH...
12. CONDUIT OUTLET PROTECTION MUST BE INSTALLED AT ALL REQUIRED OUTFALLS PRIOR TO THE DRAINAGE SYSTEM BECOMING OPERATIONAL...
13. ANY CHANGES TO THE CERTIFIED SOIL EROSION AND SEDIMENT CONTROL PLAN WILL REQUIRE THE SUBMISSION OF REVISED SOIL EROSION AND SEDIMENT CONTROL PLANS...
14. THE SOMERSET-UNION SOIL CONSERVATION DISTRICT SHALL BE NOTIFIED OF ANY CHANGES IN OWNERSHIP...
15. MULCHING TO THE NJ STANDARDS IS REQUIRED FOR OBTAINING A CONDITIONAL REPORT OF COMPLIANCE...
16. CONTRACTOR IS RESPONSIBLE FOR KEEPING ALL ADJACENT ROADS CLEAN DURING LIFE OF CONSTRUCTION PROJECT...
17. THE DEVELOPER SHALL BE RESPONSIBLE FOR REMEDIATING ANY EROSION OR SEDIMENT PROBLEMS THAT ARISE AS A RESULT OF ONGOING CONSTRUCTION...
18. HYDRO SEEDING IS A TWO-STEP PROCESS. THE FIRST STEP INCLUDES SEED, FERTILIZER, LIME, ETC., ALONG WITH MINIMAL AMOUNTS OF MULCH TO PROMOTE CONSISTENCY...

VEGETATION STABILIZATION NOTES:

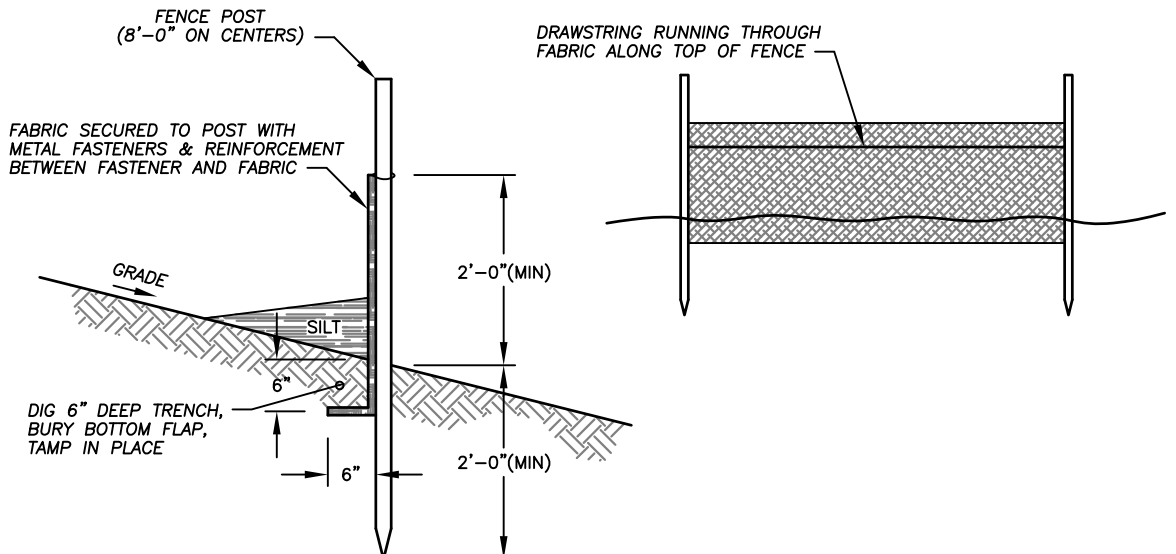
- 1. TEMPORARY VEGETATIVE COVER TO BE ESTABLISHED ON SOILS EXPOSED FROM 1 TO 12 MONTHS
A) ADD LIMESTONE AT A RATE ESTABLISHED VIA SOIL TESTING AND 10-10-10 FERTILIZER AT A RATE OF 600 LBS/ACRE
B) PLANT AS FOLLOWS:
BEFORE MAY 20 ANNUAL RYEGRASS 40 LBS/ACRE
MAY 20 - JUNE 20 SUJANGRASS 60 LBS/ACRE
JUNE 20 - AUG. 1 WEEPING LOVEGRASS 30 LBS/ACRE
AUG. 15 - OCT. 15 ANNUAL RYEGRASS 40 LBS/ACRE
OR APRIL - OCT. KOREAN LESPEDEZA 25 LBS/ACRE, IF ADEQUATE SOIL MOISTURE IS MAINTAINED
2. PERMANENT VEGETATIVE COVER - GENERAL AREAS UNDER 5% SLOPE
A) ADD LIMESTONE AT A RATE ESTABLISHED VIA SOIL TESTING AND 10-20-10 FERTILIZER AT A RATE OF 600 LBS/ACRE OR ACCORDING TO RESULTS OF SOIL TESTS.
B) 54% KENTUCKY 31 FESCUE, 5% RED TOP AND 3% INERT (SOMETIMES DESIGNATED AS ATHLETIC FIELD MIXTURE). 100 LBS/ACRE
3. PERMANENT VEGETATIVE COVER - CRITICAL AREAS - OVER 5% SLOPE
A) ADD LIMESTONE AT A RATE ESTABLISHED VIA SOIL TESTING AND 10-20-10 FERTILIZER AT A RATE OF 600 LBS/ACRE OR ACCORDING TO RESULTS OF SOIL TESTS.
B) SEED WITH 50 LBS OF KENTUCKY 31 FESCUE AND 10 LBS CROWN VETCH/ACRE
4. MULCHING IS REQUIRED ON ALL SEEDING. MULCH WILL INSURE AGAINST EROSION BEFORE GRASS IS ESTABLISHED AND WILL PROMOTE FASTER AND EARLIER ESTABLISHMENT.
A) THE FOLLOWING MATERIALS ARE SUITABLE FOR MULCHING - UNROOTED STRAW OR SALT HAY, 1-1/2 TO 2 TONS/ACRE, WOOD FIBER OR PAPER OR PAPER FIBER (HYDRO-SEEDING 1500 LBS/ACRE), MULCH NETTING (PAPER JUTE, EXCELSIOR, COTTON OR PLASTIC)
B) STRAW OR SALT HAY MULCHERS SHOULD BE IMMEDIATELY ANCHORED USING PEG TWINE NETTING, A MULCH ANCHORING TOOL OR LIQUID MULCH BINDERS.
5. ALL DISTURBED AREAS NOT SCHEDULED FOR CONSTRUCTION ACTIVITIES WITHIN 30 DAYS OF DISTURBANCE SHALL BE STABILIZED WITH PERMANENT VEGETATIVE COVER.
6. ALL ROADSIDE SWALES AND ROAD BANKS ARE TO BE STABILIZED IMMEDIATELY AFTER CONSTRUCTION.

RECOMMENDED SEQUENCE OF CONSTRUCTION

- 1. ALL APPROPRIATE UTILITY COMPANIES ARE TO BE CONTACTED PRIOR TO ANY CONSTRUCTION.
2. PROVIDE ANTI-TRACKING PAD AND SILT FENCE AS SHOWN. (1 DAY)
3. REMOVE ALL TREES & IMPROVEMENTS MARKED FOR REMOVAL. (2 WEEKS)
4. STRIP TOPSOIL. (1 DAY)
5. ROUGH GRADE DISTURBANCE AREA. (1 WEEK)
6. BEGIN HOUSE CONSTRUCTION. (4-6 MONTHS)
7. INSTALL UTILITIES. (1 WEEK)
8. CONSTRUCT DRIVEWAY. (1 WEEK)
9. FINE GRADE SITE AND STABILIZE ALL DISTURBED AREAS. (1 WEEK)
10. REMOVE ALL SOIL EROSION CONTROL DEVICES AS FINAL ITEM. (1 DAY)



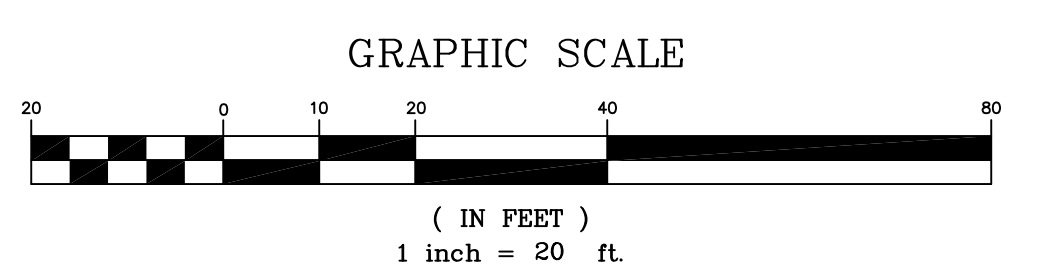
ANTI-TRACKING PAD
N.T.S.



SILT FENCE DETAIL
N.T.S.

GENERAL NOTES/REFERENCES:

- 1. EXISTING BOUNDARY INFORMATION ACQUIRED FROM A FINAL FLAT (SECTION 2B) FOR CASTLE RIDGE PREPARED BY PAGE ENGINEERING CONSULTANTS P.C., DATED 7/23/01.
2. EXISTING TOPOGRAPHY AND PHYSICAL FEATURES ACQUIRED FROM AMENDED PRELIMINARY MAJOR SUBDIVISION PLANS FOR CASTLE RIDGE PREPARED BY PAGE ENGINEERING CONSULTANTS P.C., DATED 6/20/2000 (LAST REVISED 10/21/00).
3. OFF-SITE IMPROVEMENTS AND GRADING ACQUIRED FROM ABOVE REFERENCED SUBDIVISION PLANS AND VARIOUS PLOT PLAN PREPARED BY PAGE ENGINEERING CONSULTANTS P.C.
4. THE INFORMATION CONCERNING TYPE AND LOCATION OF UNDERGROUND AND OTHER UTILITIES IS NOT GUARANTEED TO BE ACCURATE OR ALL INCLUSIVE. ALL EXISTING UNDERGROUND UTILITIES ARE TO BE FIELD VERIFIED BEFORE THE COMMENCEMENT OF ANY CONSTRUCTION. THE CONTRACTOR SHALL COMPLY WITH THE NEW JERSEY ONE-CALL REGULATIONS BY CALLING 1-800-272-1000 AND PROVIDE THE MUNICIPALITY WITH THE CONFIRMATION NUMBER PROVIDED PRIOR TO COMMENCING EXCAVATION WORK.
5. ROOF DRAIN PIPING TO BE 4" DIA. (MIN.) SOLID P.V.C. SCH. 35, PRIMED AND GLUED JOINTS AND FITTINGS WITH 3" DUST, SAND, OR CHIP STONE BEDDING. BACKFILL TO BE 6" DUST, SAND, OR CHIP UNLESS USING SCH. 40 PIPING AROUND DWELLING CONNECTING ALL ROOF DOWNSPOUTS. ALL PIPING MUST BE INSPECTED BEFORE BACKFILLING. BACKFILL SHOULD BE FREE OF ROCKS. ROOF DRAIN DISCHARGE PIPE AND ANY ROOF DRAIN PIPING INSTALLED UNDER DRIVEWAY TO BE SCH. 40 SOLID P.V.C.
6. PROPOSED CUT = 590 CU. YD., PROPOSED FILL = 390 CU. YD.
7. PROPOSED BUILDING HEIGHT:
MID-POINT ROOF ELEVATION = 564.25
AVG. FINAL GRADE @ BLDG. = 536.75
564.25 - 536.75 = 27.5' (MAX. PERMITTED = 35')
8. THIS SITE DOES NOT ENCOMPASS ANY LAND IN A WATERCOURSE PROTECTION AREA.
9. PRIOR TO THE ISSUANCE OF THE BUILDING PERMIT, A STONE TRACKING PAD AND ALL SOIL EROSION CONTROL MEASURES WILL BE IN PLACE AND MAINTAINED DURING CONSTRUCTION.
10. PRIOR TO THE ISSUANCE OF THE CERTIFICATE OF OCCUPANCY, ALL DISTURBED AREAS ARE TO BE STABILIZED WITH 4 INCHES OF TOPSOIL, FINE GRADED, SEEDED, AND MULCHED OR SOODED. FOR NEW HOME CONSTRUCTION, A STONE DRIVEWAY CONSISTING OF CLEAN STONE, QUARRY PROCESS, OR ASPHALT MUST ALSO BE IN PLACE PRIOR TO THE ISSUANCE OF THE CERTIFICATE OF OCCUPANCY. FOR STONE DRIVEWAYS, IF ANY PORTION OF A NEWLY CONSTRUCTED DRIVEWAY EXCEEDS 10% IN GRADE, THE DRIVEWAY MUST BE PAVED AND CURBED FOR ITS ENTIRE LENGTH.

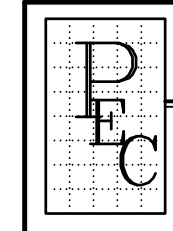


PROPOSED IMPERVIOUS COVERAGE

ROOF	3,611 x 1.0 = 3,611 SF
DRIVEWAY	2,916 x 1.0 = 2,916 SF
MISC.	942 x 1.0 = 942 SF
	7,469 SF

ZONING INFORMATION

CR-130/65 RESIDENTIAL	REQUIRED	PROPOSED
MIN. LOT AREA	40,000 SF	48,196 SF
MIN. FRONT YARD	75'	76'
MIN. REAR YARD	25'	162'
MIN. SIDE YARD	25'	39'
MAX. BUILDING HEIGHT	35'	27.5'
MAX. IMPERVIOUS COVERAGE	20%	15.5%



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KEVIN G. PAGE, P.E., P.P.
N.J. PROFESSIONAL ENGINEER LICENSE No. 25114

project name
50 GEIGER LANE
(A.K.A. 27 SOUTH LANE)
BLOCK 71.01: LOT 13
TOWNSHIP OF WARREN
SOMERSET COUNTY, NEW JERSEY

drawing name
PLOT PLAN

drawn by: RW, checked by: KGP, date: 11/18/14, scale: 1"=20', project no.: 1007-213

drawing no.
1 OF 1