

SOIL EROSION AND SEDIMENT CONTROL NOTES

1. THE FRESHFORD SOIL CONSERVATION DISTRICT SHALL BE NOTIFIED FORTY-EIGHT (48) HOURS IN ADVANCE OF ANY LAND DISTURBING ACTIVITY.
2. ALL SOIL EROSION AND SEDIMENT CONTROL PRACTICES ARE TO BE INSTALLED PRIOR TO SOIL DISTURBANCE, OR IN THEIR PROPER SEQUENCE, AND MAINTAINED UNTIL PERMANENT PROTECTION IS ESTABLISHED.
3. ANY CHANGES TO THE CERTIFIED SOIL EROSION AND SEDIMENT CONTROL PLANS WILL REQUIRE THE SUBMISSION OF REVISED SOIL EROSION AND SEDIMENT CONTROL PLANS TO THE DISTRICT FOR RE-CERTIFICATION. THE REVISED PLANS MUST MEET ALL CURRENT STATE SOIL EROSION AND SEDIMENT CONTROL STANDARDS.
4. N.J.S.A. 4:24-39 et. SEQ. REQUIRES THAT NO CERTIFICATES OF OCCUPANCY BE ISSUED BEFORE THE DISTRICT DETERMINES THAT A PROJECT OR PORTION THEREOF IS IN COMPLIANCE WITH THE CERTIFIED PLAN AND STANDARDS FOR SOIL EROSION AND SEDIMENT CONTROL IN NEW JERSEY AND A REPAIR COMPLIANCE HAS BEEN ISSUED. UPON WRITTEN REQUEST FROM THE APPLICANT, THE DISTRICT MAY ISSUE A HISTORY OF COMPLIANCE WITH CONDITIONS ON A LOT-BY-LOT OR SECTION-BY-SECTION BASIS, PROVIDED THAT THE PROJECT OR PORTION THEREOF IS IN SATISFACTORY COMPLIANCE WITH THE SEQUENCE OF DEVELOPMENT AND TEMPORARY MEASURES FOR SOIL EROSION AND SEDIMENT CONTROL HAVE BEEN IMPLEMENTED, INCLUDING PROVISIONS FOR STABILIZATION AND SITE WORK.
5. ANY DISTURBED AREAS THAT WILL BE LEFT EXPOSED MORE THAN SIXTY (60) DAYS, AND NOT SUBJECT TO CONSTRUCTION TRAFFIC, WILL IMMEDIATELY RECEIVE A TEMPORARY SEEDING. IF THE SEASON PREVENTS THE ESTABLISHMENT OF TEMPORARY COVER, THE DISTURBED AREAS WILL BE MULCHED WITH STRAW, OR EQUIVALENT MATERIAL, AT A RATE OF 2 TO 2 1/2 TONS PER ACRE, ACCORDING TO STATE STANDARD FOR STABILIZATION WITH MULCH ONLY.
6. IMMEDIATELY FOLLOWING THE INITIAL DISTURBANCE OR ROUGH GRADING, ALL CRITICAL AREAS SUBJECT TO EROSION (i.e. STOCKPILES, STEEP SLOPES AND ROADWAY EMBANKMENTS) WILL RECEIVE A TEMPORARY SEEDING IN COMBINATION WITH STRAW MULCH OR A SUITABLE EQUIVALENT, AND A MULCH ANCHOR, IN ACCORDANCE WITH STATE STANDARDS.
7. A SUB-BASE COURSE WILL BE APPLIED IMMEDIATELY FOLLOWING ROUGH GRADING AND INSTALLATION OF IMPROVEMENTS TO STABILIZE STREETS, ROADS, DRIVEWAYS AND PARKING AREAS, IN AREAS WHERE NO UTILITIES ARE PRESENT. THE SUB-BASE SHALL BE INSTALLED WITHIN FIFTEEN (15) DAYS OF THE PRELIMINARY GRADING.
8. THE STANDARD FOR STABILIZED CONSTRUCTION ACCESS REQUIRES THE INSTALLATION OF A PAD OF CLEAN CRUSHED STONE WHERE TRAFFIC WILL BE ACCESSING THE CONSTRUCTION SITE. AFTER INTERIOR ROADS ARE PAVED, INDIVIDUAL LOTS REQUIRE A STABILIZED CONSTRUCTION ENTRANCE CONSISTING OF ONE INCH TO TWO INCH (1"-2") STONE FOR 10 MINIMUM FEET TO 10 FEET (10') EQUAL TO THE LOT ENTRANCE WIDTH. ALL OTHER ACCESS POINTS SHALL BE BLOCKED OFF.
9. ALL SOIL WASHED, DROPPED, SPILLED OR TRACKED OUTSIDE THE LIMIT OF DISTURBANCE OR ONTO PUBLIC RIGHT-OF-WAYS WILL BE REMOVED IMMEDIATELY.
10. PERMANENT VEGETATION IS TO BE SEEDED OR SOODED ON ALL EXPOSED AREAS WITHIN TEN (10) DAYS AFTER FINAL GRADING.
11. AT THE TIME THAT SITE PREPARATION FOR PERMANENT VEGETATIVE STABILIZATION IS GOING TO BE ACCOMPLISHED, ANY SOIL THAT WILL NOT PROVIDE A SUITABLE ENVIRONMENT TO SUPPORT ADEQUATE VEGETATIVE GROUND COVER OR BE TREATED IN SUCH A MANNER THAT IT WILL PERMANENTLY ADJUST THE SOIL CONDITIONS AND RENDER IT SUITABLE FOR VEGETATIVE GROUND COVER. IF THE REMOVAL OR TREATMENT OF THE SOIL WILL NOT PROVIDE SUITABLE CONDITIONS, NON-VEGETATIVE MEANS OF PERMANENT GROUND STABILIZATION WILL HAVE TO BE EMPLOYED.
12. IN ACCORDANCE WITH THE STANDARD FOR MANAGEMENT OF HIGH ACID PRODUCING SOILS, ANY SOIL HAVING A PH OF 4 OR LESS OR CONTAINING IRON SULFIDES SHALL BE IMMEDIATELY PLACED OR BURIED WITH LIMESTONE APPLIED AT A RATE OF 10 TONS/ACRE, (OR 450 LBS./1,000 SQ. FT. OF SURFACE AREA) AND COVERED WITH A MINIMUM OF 12" OF SETTLED SOIL WITH A PH OF 5 OR MORE, OR 24" WHERE TREES OR SHRUBS ARE TO BE PLANTED.
13. CONDUIT OUTLET PROTECTION MUST BE INSTALLED AT ALL REQUIRED OUTFALLS PRIOR TO THE DRAINAGE SYSTEM BECOMING OPERATIONAL.
14. UNFILTERED DEWATERING IS NOT PERMITTED. NECESSARY PRECAUTIONS MUST BE TAKEN DURING ALL DEWATERING OPERATIONS TO MINIMIZE SEDIMENT TRANSFER. ANY DEWATERING METHODS USED MUST BE IN ACCORDANCE WITH THE STANDARD FOR DEWATERING.
15. SHOULD THE CONTROL OF DUST AT THE SITE BE NECESSARY, THE SITE WILL BE SPRINKLED UNTIL THE SURFACE IS WET. TEMPORARY VEGETATIVE COVER SHALL BE ESTABLISHED OR MULCH SHALL BE APPLIED AS REQUIRED BY THE STANDARD FOR DUST CONTROL.
16. STOCKPILE AND STAGING LOCATIONS ESTABLISHED IN THE FIELD SHALL BE PLACED WITHIN THE LIMIT OF DISTURBANCE ACCORDING TO THE CERTIFIED PLAN. STAGING AND STOCKPILES NOT LOCATED WITHIN THE LIMIT OF DISTURBANCE WILL REQUIRE TREATMENT IN SUCH A MANNER THAT IT WILL PERMANENTLY ADJUST THE SOIL CONDITIONS AND RENDER IT SUITABLE FOR VEGETATIVE GROUND COVER. IF THE REMOVAL OR TREATMENT OF THE SOIL WILL NOT PROVIDE SUITABLE CONDITIONS, NON-VEGETATIVE MEANS OF PERMANENT GROUND STABILIZATION WILL HAVE TO BE EMPLOYED.
17. ALL SOIL STOCKPILES ARE TO BE TEMPORARILY STABILIZED IN ACCORDANCE WITH SOIL EROSION AND SEDIMENT CONTROL NOTE #6.
18. THE PROPERTY OWNER SHALL BE RESPONSIBLE FOR ANY EROSION OR SEDIMENTATION THAT MAY OCCUR BELOW STORMWATER OUTFALLS OR OFFSITE AS A RESULT OF CONSTRUCTION OF THE PROJECT.
19. ANY SILT FENCE BARRIER AND HAY BALES SHALL BE CONSTRUCTED AS NOTED ON THE DETAIL AND PLACED AS SHOWN ON THE PLAN. BALES SHALL BE REPLACED UPON SATURATION WITH SILT.
20. ALL SOIL EROSION AND SEDIMENT CONTROL FACILITIES SHALL BE IN PLACE AS DESIGNED IN THE SEQUENCE OF CONSTRUCTION AND SHALL REMAIN IN PLACE AS REQUIRED.
21. SEQUENCE OF CONSTRUCTION: THE FOLLOWING SCHEDULE SHALL BE ADHERED TO, IF NECESSARY, TO MODIFY THE TIME SEQUENCE, THE SOIL CONSERVATION DISTRICT SHALL BE NOTIFIED AND SUPPLIED WITH THE MODIFIED TIME SCHEDULE.
 - a. PHASE I
 1. INSTALL SILT FENCE, HAY BALES AND INLET FILTERS.
 2. INSTALL CONSTRUCTION ACCESS ROAD.
 3. DEMOLISH EXISTING SURFACE STRUCTURES AS NOTED ON THE DEMOLITION PLAN.
 4. GRADE THE SITE TO CONTAIN ALL SURFACE WATER FLOWS THEREON.
 5. STABILIZE ALL EXPOSED SOIL NOT SUBJECT TO TRAFFIC.
 6. CONSTRUCT DRAINAGE FACILITIES.
 - b. PHASE II
 1. CONSTRUCT BUILDING FOUNDATION.
 - c. PHASE III
 1. BRING SITE TO GRADE.
 2. INSTALL INTERIOR LOT DRAINAGE.
 - d. PHASE IV
 1. CONSTRUCT CURBING, PAVEMENT AND SIDEWALKS.
 2. COMPLETE STRUCTURE.
 - e. PHASE V (DEPENDENT UPON SEASON)
 1. COMPLETE LANDSCAPING.
 2. REMOVE SEASON MEASURES.
22. TEMPORARY SEEDING SHALL CONSIST OF PERENNIAL RYEGRASS APPLIED AT A RATE OF 1.0 LBS. PER 1,000 SQ. FT. THE OPTIMUM SEED DEPTH SHALL BE 0.5 INCHES. TEMPORARY SEEDING SHALL BE MAINTAINED AND MAINTAINED UNTIL DISTURBED AREAS ARE PERMANENTLY STABILIZED WITH PERMANENT SEEDING.
23. PERMANENT SEEDING SHALL CONSIST OF THE FOLLOWING MIXTURE OR APPROVED EQUAL OPTIMUM PLANTING PERIODS ARE BETWEEN FEBRUARY 1 AND APRIL 30 OR BETWEEN MAY 1 AND AUGUST 15. SUMMER SEEDINGS SHOULD ONLY BE CONDUCTED WHEN THE SITE IS IRRIGATED. MIXES INCLUDING WHITE CLOVER REQUIRE THAT AT LEAST SIX WEEKS OF GROWING SEASON REMAIN AFTER SEEDING TO ENSURE ESTABLISHMENT BEFORE FREEZING CONDITIONS.
 - a. FINE FESCUE BLEND (HARD FESCUE, CHEWINGS FESCUE, STRONG KNEEING RED FESCUE) 0.10 LBS./1,000 SQ. FT.
 - b. KENTUCKY BLUEGRASS 0.50 LBS./1,000 SQ. FT.
 - c. PERENNIAL RYEGRASS 0.10 LBS./1,000 SQ. FT.
24. SEEDBED PREPARATION:
 - a. APPLY GROUND LIMESTONE AND FERTILIZER ACCORDING TO SOIL TEST RECOMMENDATIONS AS OFFERED BY Rutgers CO-OPERATIVE EXTENSION. SOIL SAMPLE MAJORS ARE AVAILABLE FROM THE LOCAL RUTGERS CO-OPERATIVE EXTENSION OFFICES. FERTILIZER SHALL BE APPLIED AT THE RATE OF 500 POUNDS PER ACRE OR 11 POUNDS PER 1,000 SQUARE FEET OF CO-20-10 OR EQUIVALENT WITH 80 % WATER INSOLUBLE NITROGEN UNLESS A SOIL TEST INDICATES OTHERWISE. APPLY LIMESTONE AT THE RATE OF 2 TONS/ACRE UNLESS SOIL TESTING INDICATES OTHERWISE. CALCULUM CARBONATE IS THE EQUIVALENT AND STANDARD FOR MEASURING THE ABILITY OF USING MATERIALS TO NEUTRALIZE SOIL ACIDITY AND SUPPLY CALCIUM AND MAGNESIUM TO GRASSES AND LEGUMES.
 - b. WORK LIMESTONE AND FERTILIZER INTO THE SOIL AS NEARLY AS PRACTICAL TO A DEPTH OF 4 INCHES WITH A DISC, SPRINGTOOTH HARROW, OR OTHER SUITABLE EQUIPMENT. THE FINAL HARROWING OR DISKING OPERATION SHOULD BE ON THE GENERAL CONTOUR. CONTINUE TILLAGE UNTIL A REASONABLE UNIFORM SEEDBED IS PREPARED.
 - c. INSPECT SEEDBED JUST BEFORE SEEDING. IF TRAFFIC HAS LEFT THE SOIL COMPACTED, THE AREA MUST BE RETILLED IN ACCORDANCE WITH THE ABOVE.
 - d. SOILS HIGH IN SULFIDES OR HAVING A PH OF 4 OR LESS REFER TO STANDARD FOR MANAGEMENT OF HIGH ACID PRODUCING SOILS.
25. MAINTENANCE OF PERMANENT SOIL EROSION CONTROL MEASURES IS THE RESPONSIBILITY OF THE APPLICANT AND/OR SUBSEQUENT OWNERS OF THE PROPERTY.
26. ALL SOIL EROSION AND SEDIMENT CONTROL PRACTICES TO BE INSTALLED PRIOR TO ANY MAJOR SOIL DISTURBANCES, OR IN THEIR PROPER SEQUENCE, AND MAINTAINED UNTIL PERMANENT PROTECTION IS ESTABLISHED. NO BUILDING PERMITS WILL BE RELEASED UNTIL ALL SOIL EROSION AND SEDIMENT CONTROL MEASURES, AS INDICATED ON APPROVED PLANS, ARE INSTALLED.
27. THE DISTRICT SHALL BE REPRESENTED AT THE PROJECT PRE-CONSTRUCTION MEETING WITH THE TOWNSHIP ENGINEER, CONTRACTORS AND UTILITY REPRESENTATIVES. IF THE TOWNSHIP ENGINEER DOES NOT SCHEDULE A PRE-CONSTRUCTION MEETING, IT IS THE RESPONSIBILITY OF THE OWNER/APPLICANT TO SCHEDULE ONE PRIOR TO ANY LAND DISTURBANCE.
28. FAILURE OF THE AFORESAID PLAN SHALL NOT RELIEVE THE APPLICANT OF ANY OF ITS RESPONSIBILITIES RELEVANT TO 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 DURING CONSTRUCTION.
29. FINAL STABILIZATION OF ALL LAND DISTURBANCES ASSOCIATED WITH UNDERGROUND UTILITIES, IRRESPECTIVE OF PHASING, IS THE ULTIMATE RESPONSIBILITY OF THE OWNER.
30. IF SEASON PREVENTS THE ESTABLISHMENT OF TEMPORARY OR PERMANENT SEEDING, EXPOSED AREAS SHALL BE STABILIZED WITH MULCH. SEE THE MULCHING STANDARDS FOR MATERIALS AND METHODS.
31. ANY STEEP SLOPES RECEIVING PIPELINE INSTALLATION WILL BE BACKFILLED AND STABILIZED DAILY, AS THE INSTALLATION CONTINUES (i.e. SLOPES GREATER THAN 3:1).
32. ALL WORK TO BE DONE IN ACCORDANCE WITH THE STANDARDS FOR SOIL EROSION AND SEDIMENT CONTROL OF NEW JERSEY.

EXISTING PROPERTY CONDITIONS TAKEN FROM A CERTAIN MAP ENTITLED "TOPOGRAPHIC SURVEY AND BUILDING SETBACK STUDY FOR 32 SPIER AVENUE TAX BLOCK 5, TAX LOT 1.01 BOROUGH OF ALLENHURST MONMOUTH COUNTY, NEW JERSEY (TAX MAP REFERENCE BOROUGH OF ALLENHURST SHEET No. 1)", PREPARED BY NELSON ENGINEERING ASSOCIATES, INC., DATED JULY 28, 2016, LATEST REVISED DATE AUGUST 3, 2016.

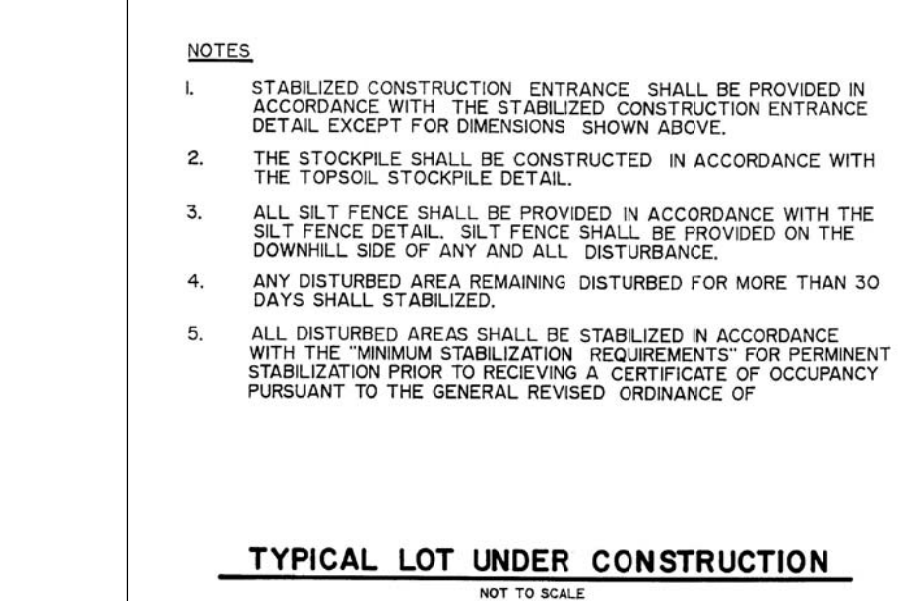
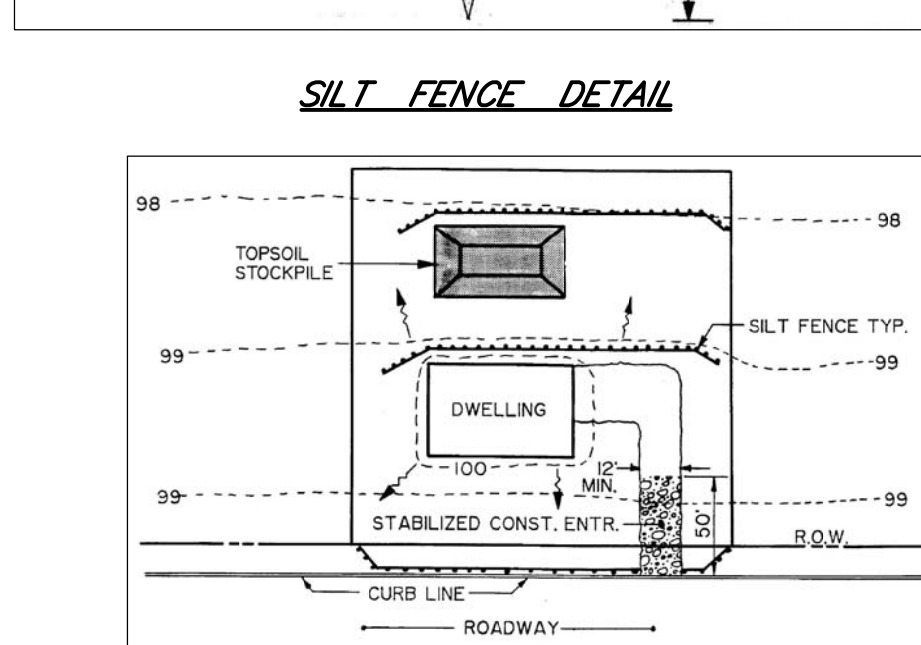
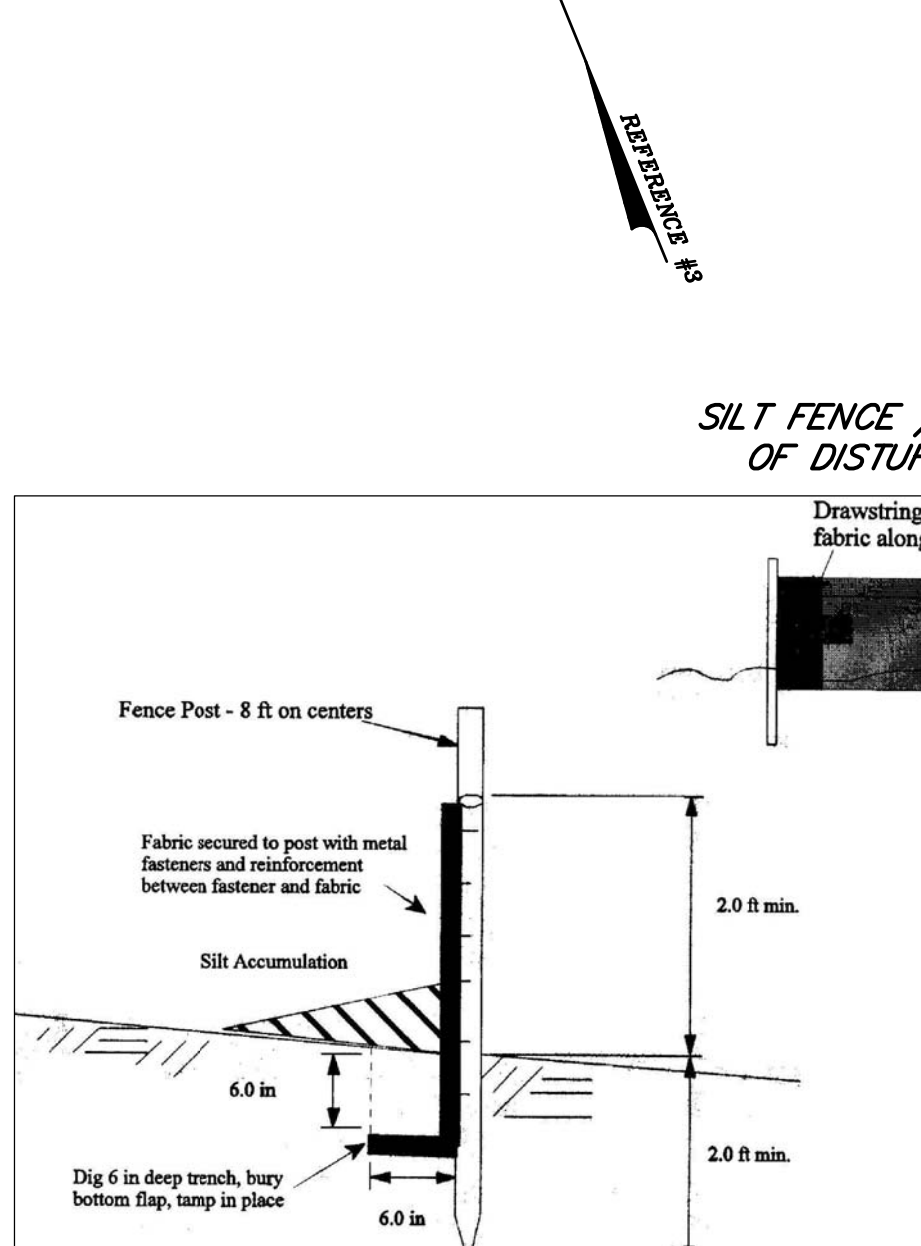
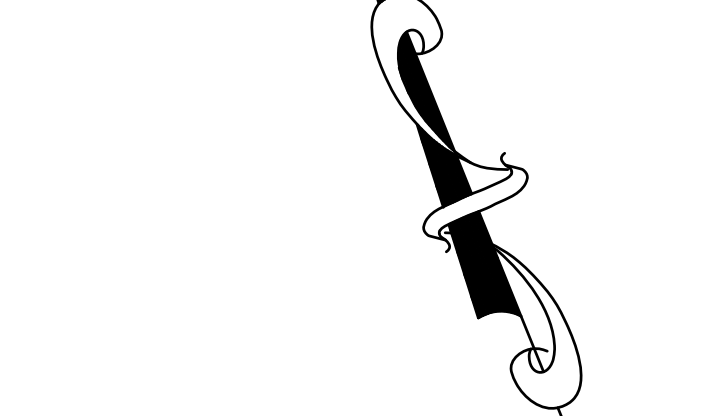
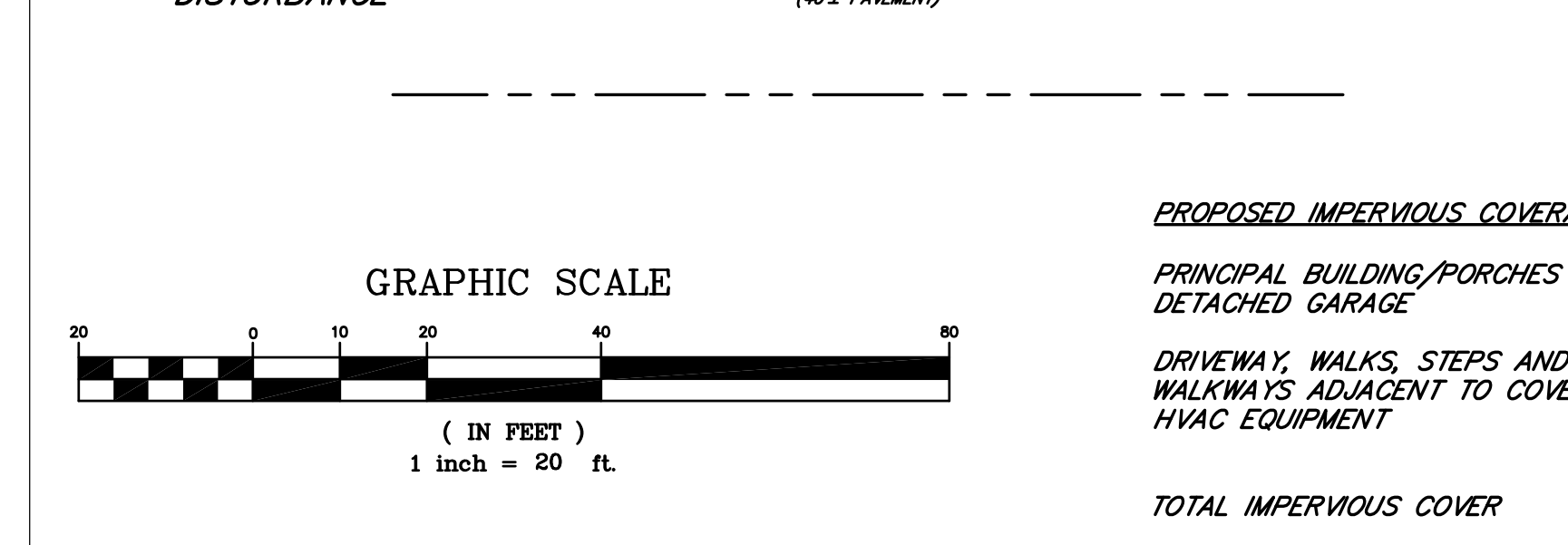
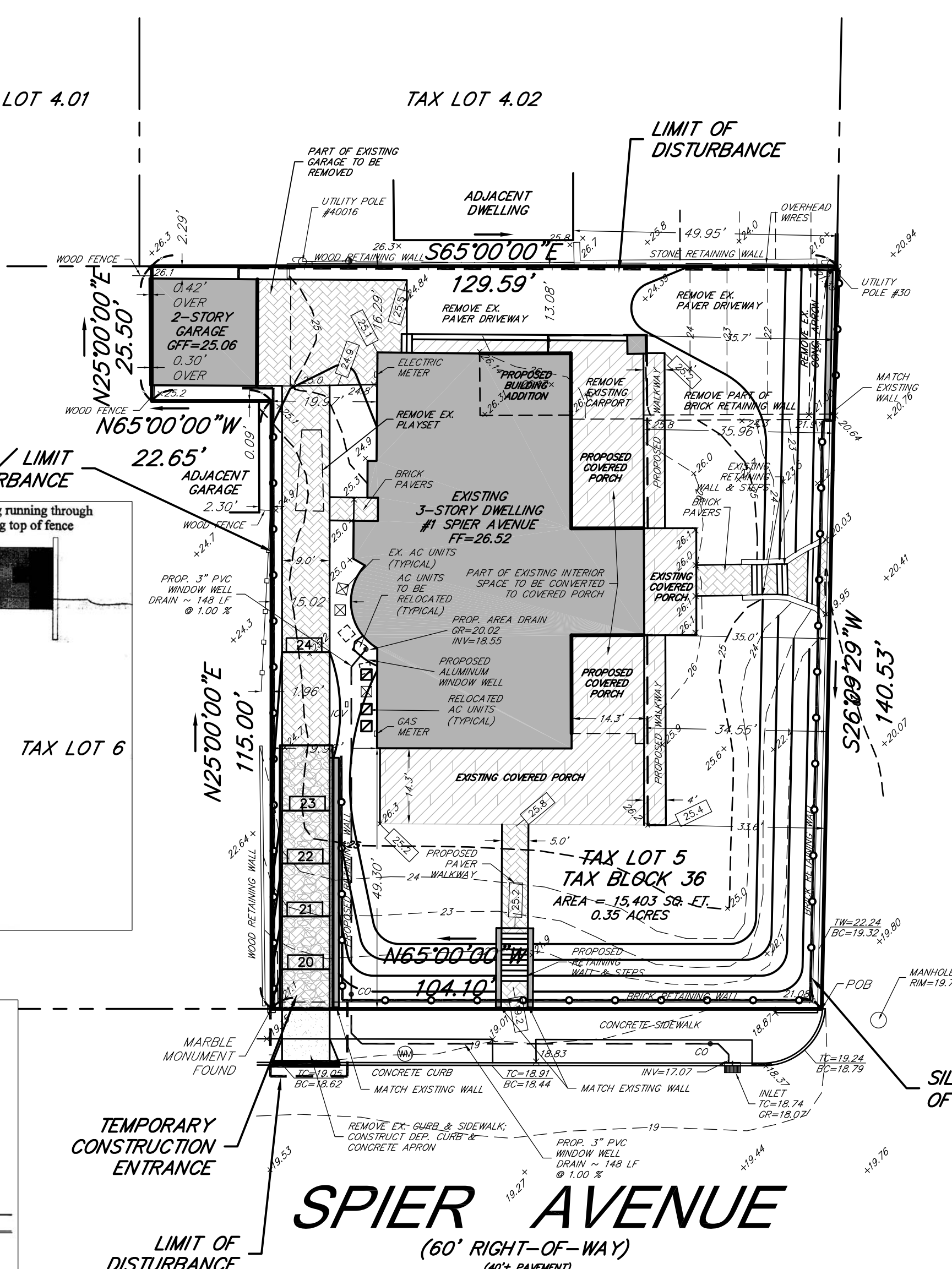


Table 29-1: Lengths of Construction Exits on Sloping Roadbeds

Percent Slope of Roadway	Length of Stone Required	
	Coarse Grained Soils	Fine Grained Soils
0 to 2%	50 ft	100 ft
2 to 5%	100 ft	200 ft
>5%	Entire surface stabilized with FABC base course ¹	

1. As prescribed by local ordinance or other governing authority.



ZONING INFORMATION: R-1 RESIDENTIAL ZONE

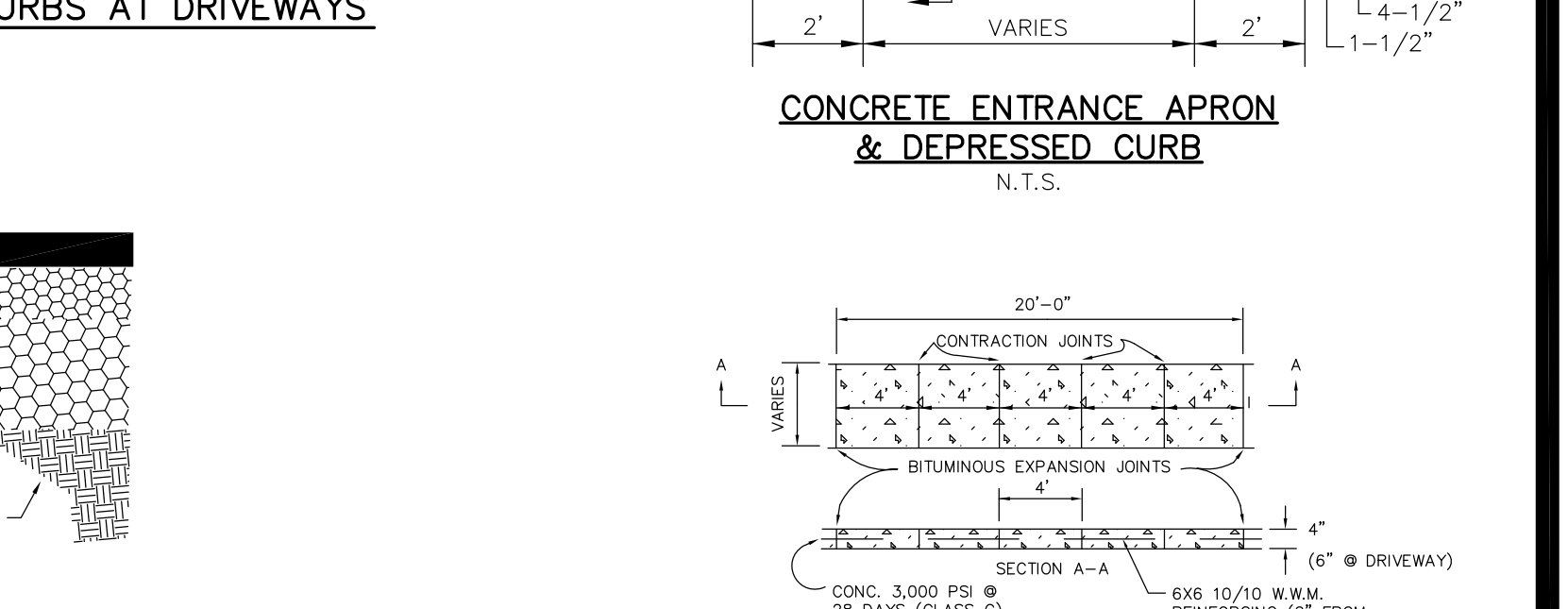
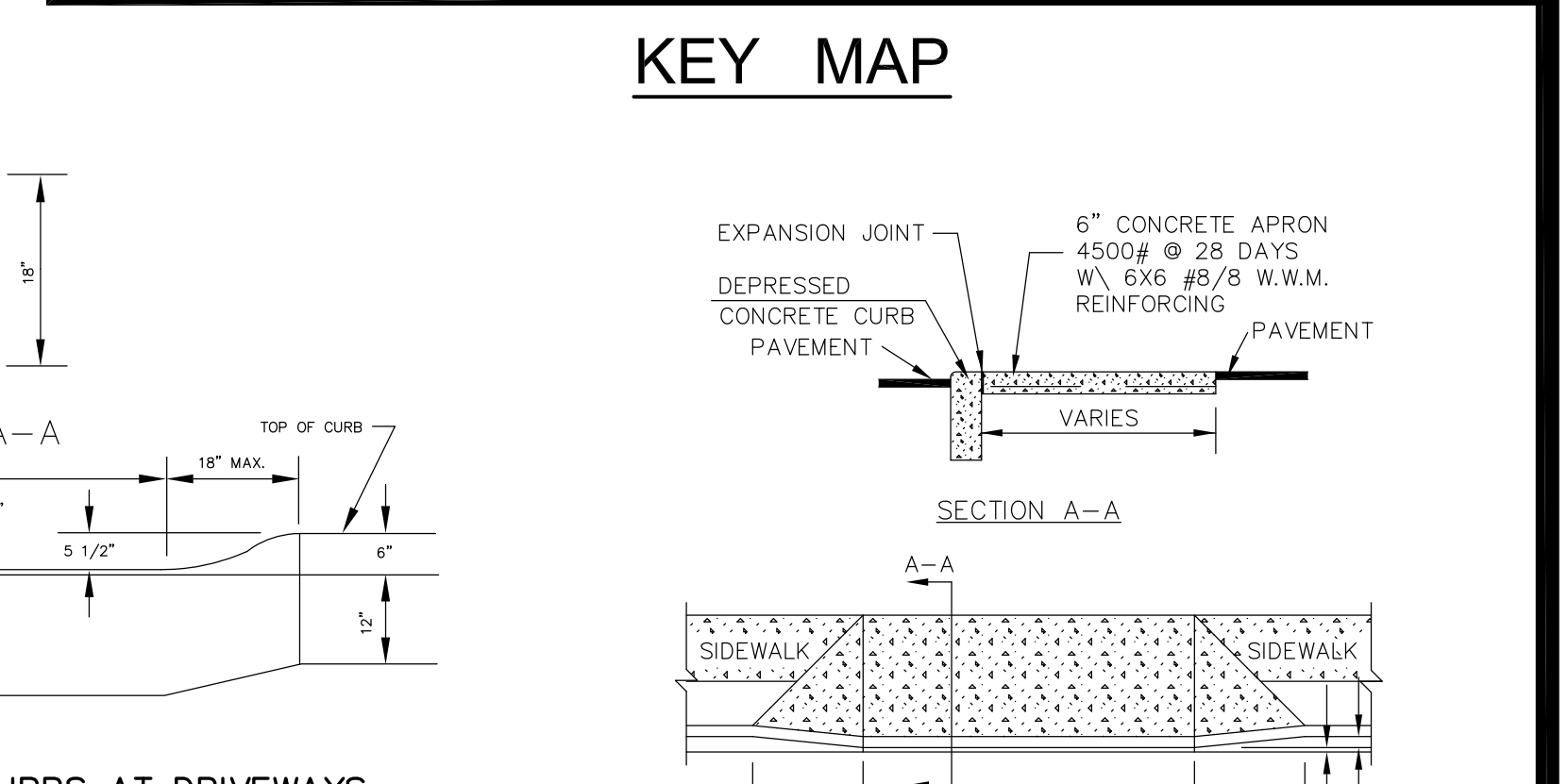
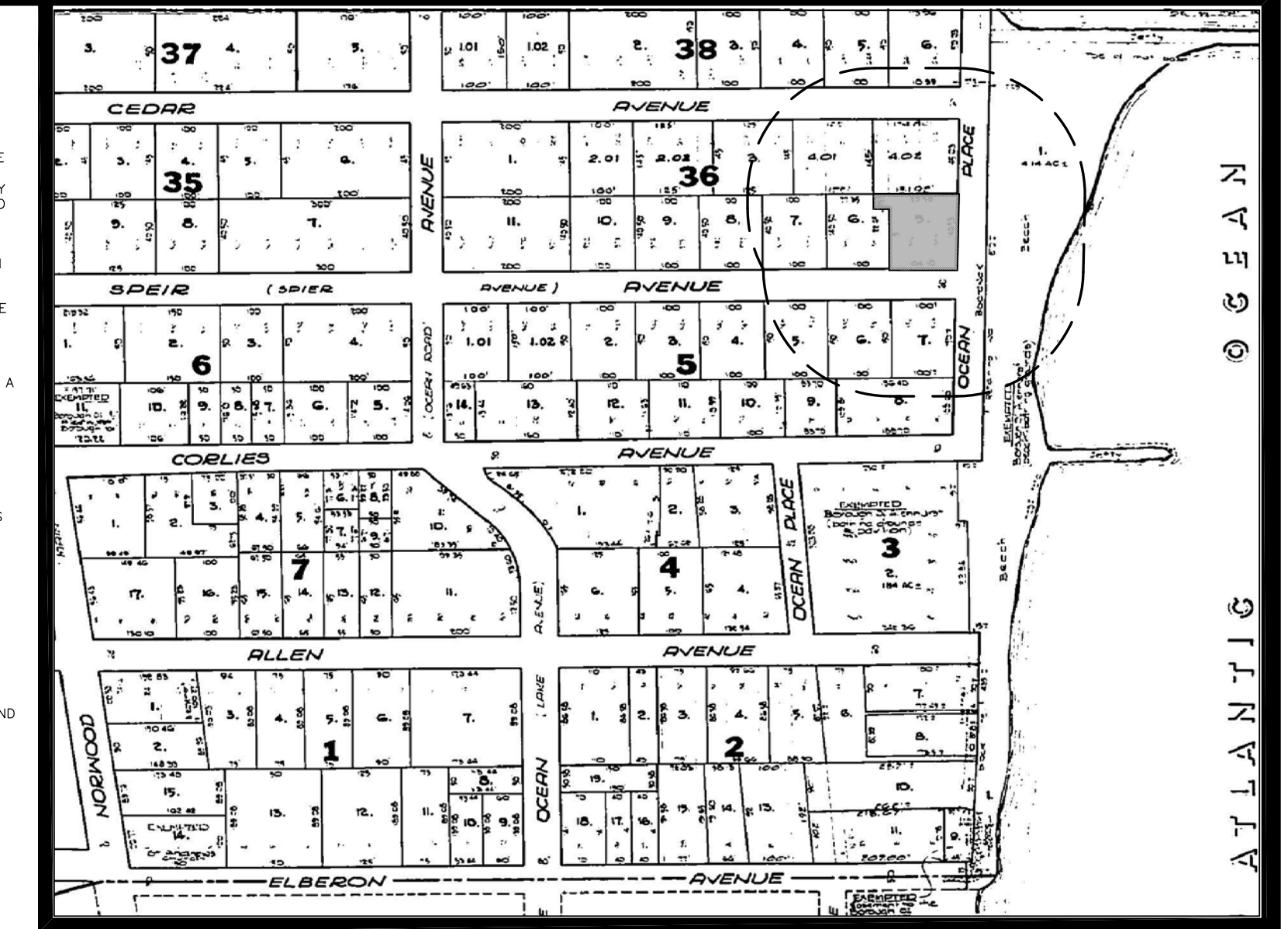
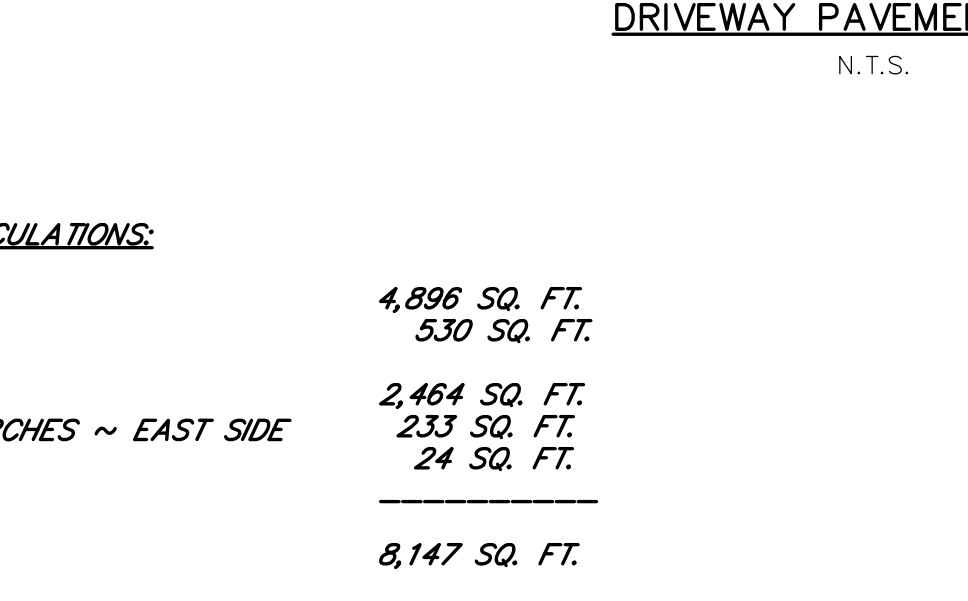
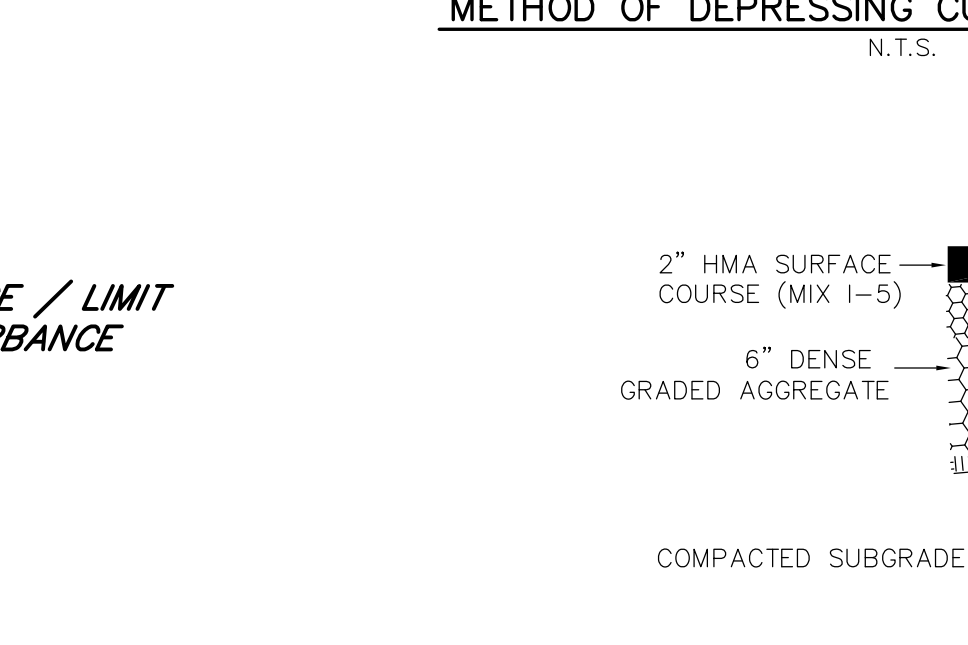
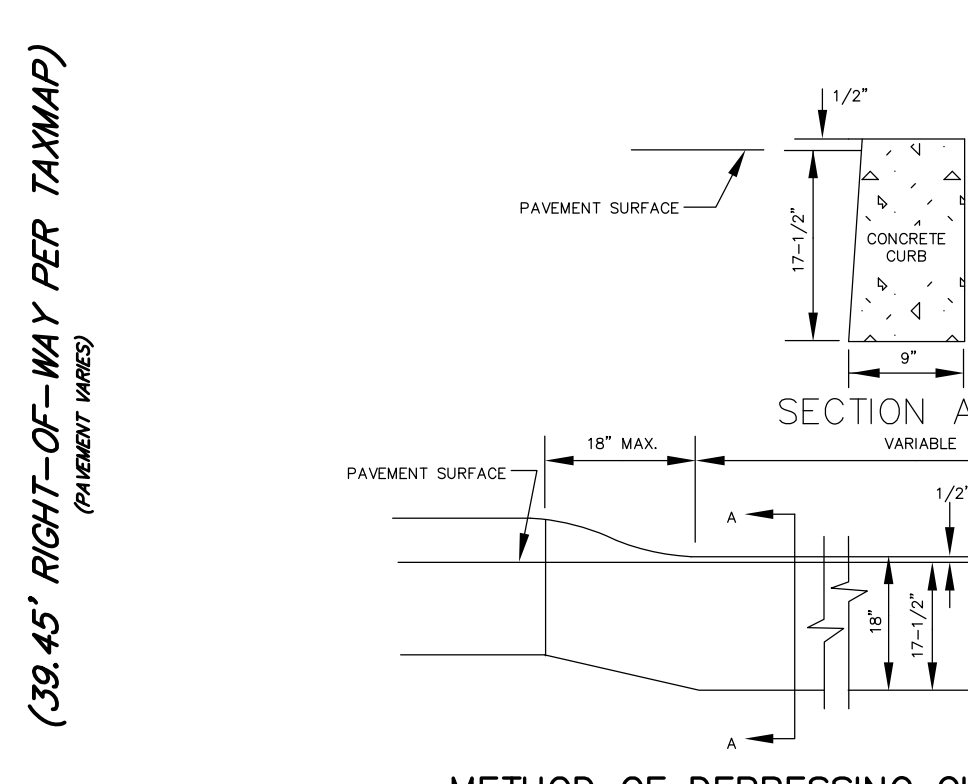
BULK CRITERIA	REQUIRED	EXISTING	PROPOSED
LOT AREA	100 FEET	15,403 SQ. FT.	15,403 SQ. FT.
LOT FRONTAGE	140 FEET	104.10 FEET	140.53 FEET
LOT DEPTH		140.53 FEET	
FRONT SETBACK ~ SPIER AVE	50 FEET	49.30 FEET **	49.30 FEET **
FRONT SETBACK ~ OCEAN AVE	50 FEET	34.55 FEET **	35.0 FEET *
SIDE YARD ~ ONE	5 FEET	15.02 FEET	15.02 FEET
SIDE YARD ~ COMBINED	30 % LOT WIDTH ~ 31.23 FEET	49.57 FEET	49.57 FEET
REAR YARD	20 % LOT DEPTH ~ 28.11 FEET	13.08 FEET **	13.08 FEET **
PRINCIPAL BUILDING HEIGHT	35 FEET ~ 2.5 STORIES	--- FEET ~ 3 STORIES **	--- FEET ~ 3 STORIES **
PRINCIPAL BUILDING COVERAGE	20 % ~ 3,000 SQ. FT.	31.78 % ~ 4,896 SQ. FT.	31.78 % ~ 4,896 SQ. FT. **
IMPERVIOUS COVERAGE	40 % ~ 6,000 SQ. FT.	53.05 % ~ 8,172 SQ. FT. **	52.89 % ~ 8,147 SQ. FT. **
ACCESSORY BUILDING FRONT SETBACK	50 FEET	103 FEET	103 FEET
ACCESSORY BUILDING SIDE SETBACK	3.5 FEET	-0.42 FEET **	-0.42 FEET **
ACCESSORY BUILDING REAR SETBACK	3.5 FEET	2.29 FEET **	2.29 FEET **

** BUILDING COVERAGE INCLUDES THE DWELLING, COVERED FRONT AND REAR PORCHES.
 ** INDICATES AN EXISTING VARIANCE CONDITION.
 * INDICATES AN EXISTING VARIANCE CONDITION IMPROVED.

MULCHING STANDARDS

- A. MULCHING IS REQUIRED ON ALL SEEDING. THE EXISTENCE OF VEGETATION SUFFICIENT TO CONTROL SOIL EROSION SHALL BE DEEMED COMPLIANCE WITH THIS MULCHING REQUIREMENT.
- B. STRAW OR HAY - UNROTTED SMALL GRASS STRAW, HAY FREE OF SEEDS, TO BE APPLIED AT THE RATE OF 1.5 TO 2 TONS PER ACRE (70 TO 90 POUNDS PER 1,000 SQUARE FEET), EXCEPT THAT WHERE A CHIMPER IS USED INSTEAD OF A LIQUID MULCH BINDER (TACKIFYING OR ADHESIVE AGENT), THE RATE OF APPLICATION IS 3 TONS PER ACRE. MULCH CHIMPER-BLOWERS MUST NOT GRIND THE MULCH. HAY MULCH IS NOT RECOMMENDED FOR ESTABLISHING TURF OR LAWNS DUE TO THE PRESENCE OF WEED SEED. SPREAD MULCH UNIFORMLY SO THAT AT LEAST 85 % OF THE SOIL SURFACE IS COVERED.
- C. ANCHORING SHALL BE ACCOMPLISHED IMMEDIATELY AFTER PLACEMENT OF THE MULCH TO MINIMIZE LOSS BY WIND OR WATER. THIS MAY BE DONE BY ONE OF THE FOLLOWING METHODS, DEPENDING UPON THE SIZE OF THE AREA, STEEPNESS OF SLOPES, AND COSTS.
 - a. PEG AND TWINE - DRIVE 8 TO 10 INCH WOODEN PEGS TO WITHIN 2 TO 3 INCHES OF THE SOIL SURFACE EVERY 4 FEET IN ALL DIRECTIONS. STAKES MAY BE DRIVEN BEFORE OR AFTER APPLYING THE MULCH. SECURE THE MULCH TO THE SOIL BY STRETCHING TWINE BETWEEN THE PEGS IN A CROSS-HATCH AND SQUARE PATTERN. SECURE THE TWINE AROUND EACH PEG WITH TWO OR MORE ROUND TURNS.
 - b. CHIMPER - A TRACTOR-DRIVEN IMPLEMENT, SOMEWHAT LIKE A DISC HARROW, ESPECIALLY DESIGNED TO PUSH OR CUT SOME OF THE BROADCAST LONG FIBER MULCH 3 TO 4 INCHES INTO THE SOIL SO AS TO ANCHOR IT AND LEAVE PART STANDING UPRIGHT. THIS TECHNIQUE IS LIMITED TO AREAS TRAVERSABLE BY A TRACTOR, WHICH MUST OPERATE ON THE CONTOUR OF SLOPES. STRAW MULCH RATE MUST BE 3 TONS PER ACRE. NO TACKIFYING OR ADHESIVE AGENT IS REQUIRED.
 - c. LIQUID MULCH BINDERS - MAY BE USED TO ANCHOR SALT HAY, HAY OR STRAW MULCH. APPLICATIONS SHOULD BE HEAVIER AT THE EDGES WHERE WIND MAY CATCH THE MULCH, IN VALLEYS, AND AT CREST OF BANKS. THE REMAINDER OF THE AREA SHOULD BE UNIFORM IN APPEARANCE.

- (1) ORGANIC AND VEGETABLE BASED BINDERS - NATURALLY OCCURRING, POWDER BASED, HYDROPHILIC MATERIALS WHEN MIXED WITH WATER FORMULATES A GEL AND WHEN APPLIED TO MULCH UNDER SATISFACTORY CURING CONDITIONS WILL FORM MEMBRANED NETWORKS OF INSOLUBLE POLYMERS. THE VEGETABLE GEL SHALL BE PHYSIOLOGICALLY HARMLESS AND NOT RESULT IN A PHOTOLOGIC EFFECT ON GROWTH OF TURF GRASS. USE AT RATES AND WEATHER CONDITIONS AS RECOMMENDED BY THE MANUFACTURER TO ANCHOR MULCH MATERIALS.
- (2) SYNTHETIC BINDERS - HIGH POLYMER SYNTHETIC EMULSION, MISCIBLE WITH WATER WHEN DILUTED AND DISPERSIBLE IN WATER. BINDER SHALL BE APPLIED AT RATES RECOMMENDED BY THE MANUFACTURER AND REMAIN TRACKY UNTIL GERMINATION OF GRASS.



NO.	REVISION DESCRIPTION	DATE	DRWN	CHKD BY
2	ADDED WINDOW WELL DRAIN	7-7-17	DHB	RAN
1	REVISED PER CLIENT	4-3-17	DHB	RAN

PLOT PLAN ~ SOIL EROSION CONTROL PLAN
 #1 SPIER AVENUE
 TAX BLOCK 36 , TAX LOT 5
 BOROUGH OF ALLENHURST
 MONMOUTH COUNTY , NEW JERSEY
 (TAX MAP REFERENCE BOROUGH OF ALLENHURST SHEET No. 1)

Nelson Engineering Associates, Inc.

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SITE ENGINEERING
 TRAFFIC ENGINEERING
 LANDSCAPE ARCHITECTURE
 ENVIRONMENTAL STUDIES
 LAND SURVEYING & MAPPING

ROBERT A. NELSON, P.E.
 PROFESSIONAL ENGINEER NEW JERSEY LICENSE NO. 14293

SCALE: 1"=20'
 FILE: 161106
 DRAWN BY: DHB
 DATE: 02-01-2017
 CHKD BY: RAN
 SHEET 1 OF 1