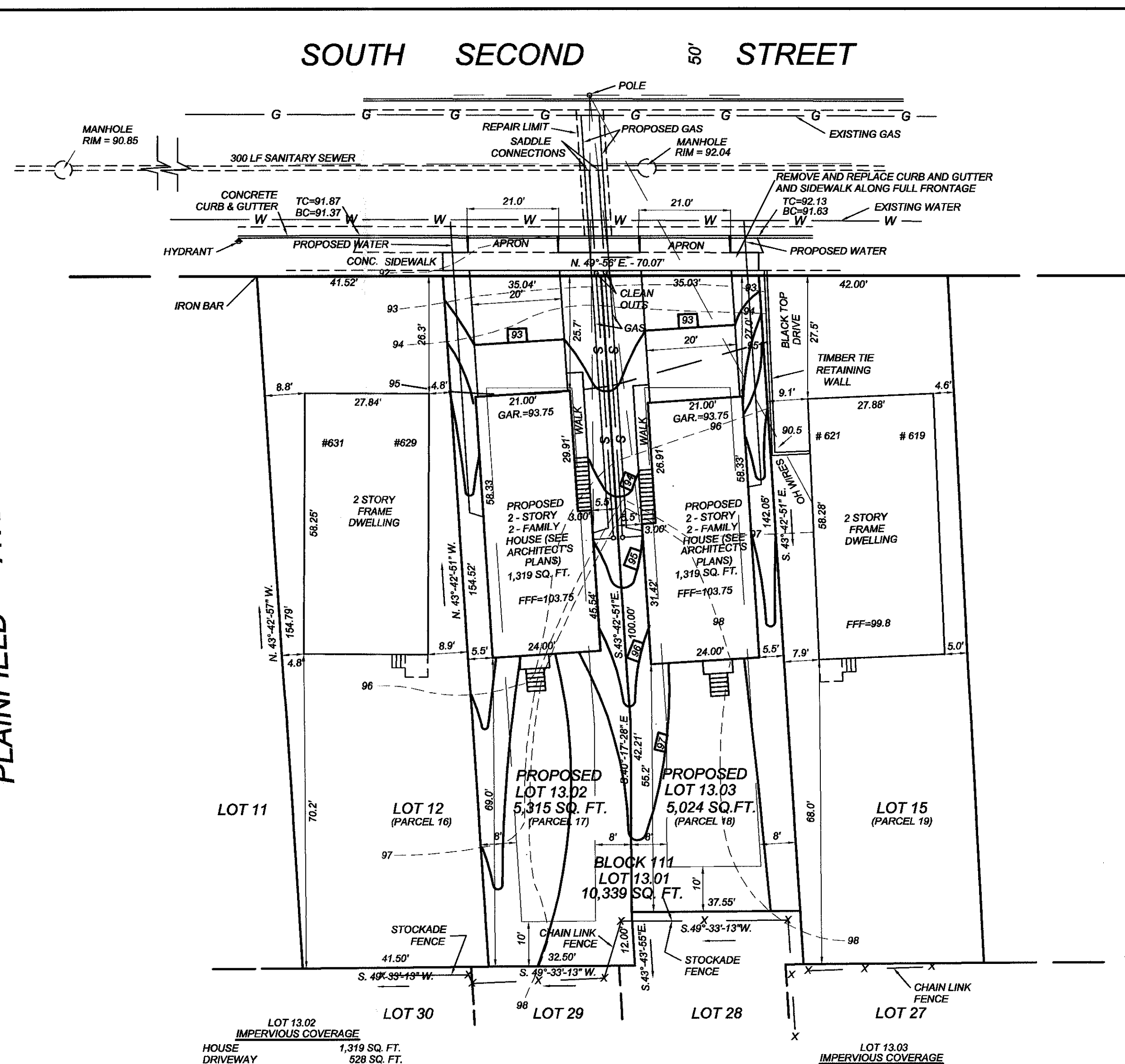


EXISTING CONDITIONS
(TOPOGRAPHIC SURVEY)

SCALE: 1" = 20'



PROPOSED CONDITIONS
SCALE: 1" = 20'



AMENDED PLAN

PROPOSED

WATER DEMAND CALCULATION			
LOT 13.02 2 UNITS	3 BEDROOM UNITS - 370 GALLONS PER DAY	740 GALLONS PER DAY	
LOT 13.03 2 UNITS	3 BEDROOM UNITS - 370 GALLONS PER DAY	740 GALLONS PER DAY	
TOTAL		1,480 GALLONS PER DAY	
4 UNITS	3 BEDROOM UNITS - 2.1 SPACES (PER RSIS)	8.4 SPACES (SAY 8 SPACES)	
2 TWO CAR GARAGES = 4 SPACES			
2 TWO CAR DRIVEWAYS = 4 SPACES			
TOTAL			= 8 SPACES PROVIDED

OWNER
CHONG F. CHEN
700 WALNUT STREET
DUNELLEN, NEW JERSEY 08812

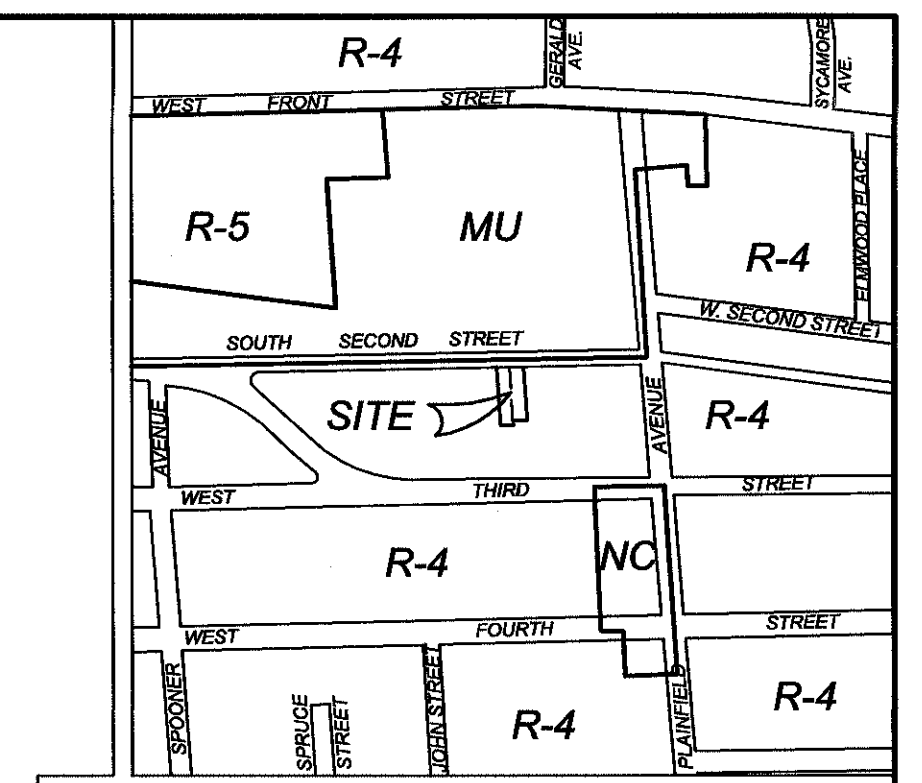
APPLICANT
MOON BUILDER
33 WESTERVELT AVENUE
PLAINFIELD, NEW JERSEY 07060

MINIMUM	REQUIRED	LOT 13.02	LOT 13.03
LOT AREA	5,000 SQ. FT.	5,315 SQ. FT.	5,024 SQ. FT.
LOT WIDTH	50 FEET	35.04 FEET (VAR.)	35.03 FEET (VAR.)
FRONT YARD	25 FEET	25.7 FEET	27.0 FEET
ONE SIDE YARD	8 FEET	5.5 FEET (VAR.)	5.5 FEET (VAR.)
BOTH SIDE YARDS	16 FEET	11.0 FEET (VAR.)	11.0 FEET (VAR.)
REAR YARD	10 FEET	69.0 FEET	55.2 FEET (VAR.)
COMMON OPEN SPACE	40 PERCENT	NOT APPLICABLE	NOT APPLICABLE
MAXIMUM			
BUILDING HEIGHT (FEET)	35 FEET	< 35 FEET	< 35 FEET
BUILDING HEIGHT (STORIES)	2.5 STORIES	2 STORIES	2 STORIES
BUILDING COVERAGE	25 PERCENT	1,319/5,315X100=24.8%	1,319/5,024X100=26.3% (VAR.)
IMPERVIOUS COVERAGE	40 PERCENT	1,979/5,315X100=37.24%	2,005/5,024X100=39.9%
FAR	1.11	1319(2)/5,315=0.4963	1319(2)/5,024=0.5251
DENSITY	17.4 D.U./AC	16.4 D.U./AC	17.3 D.U./AC

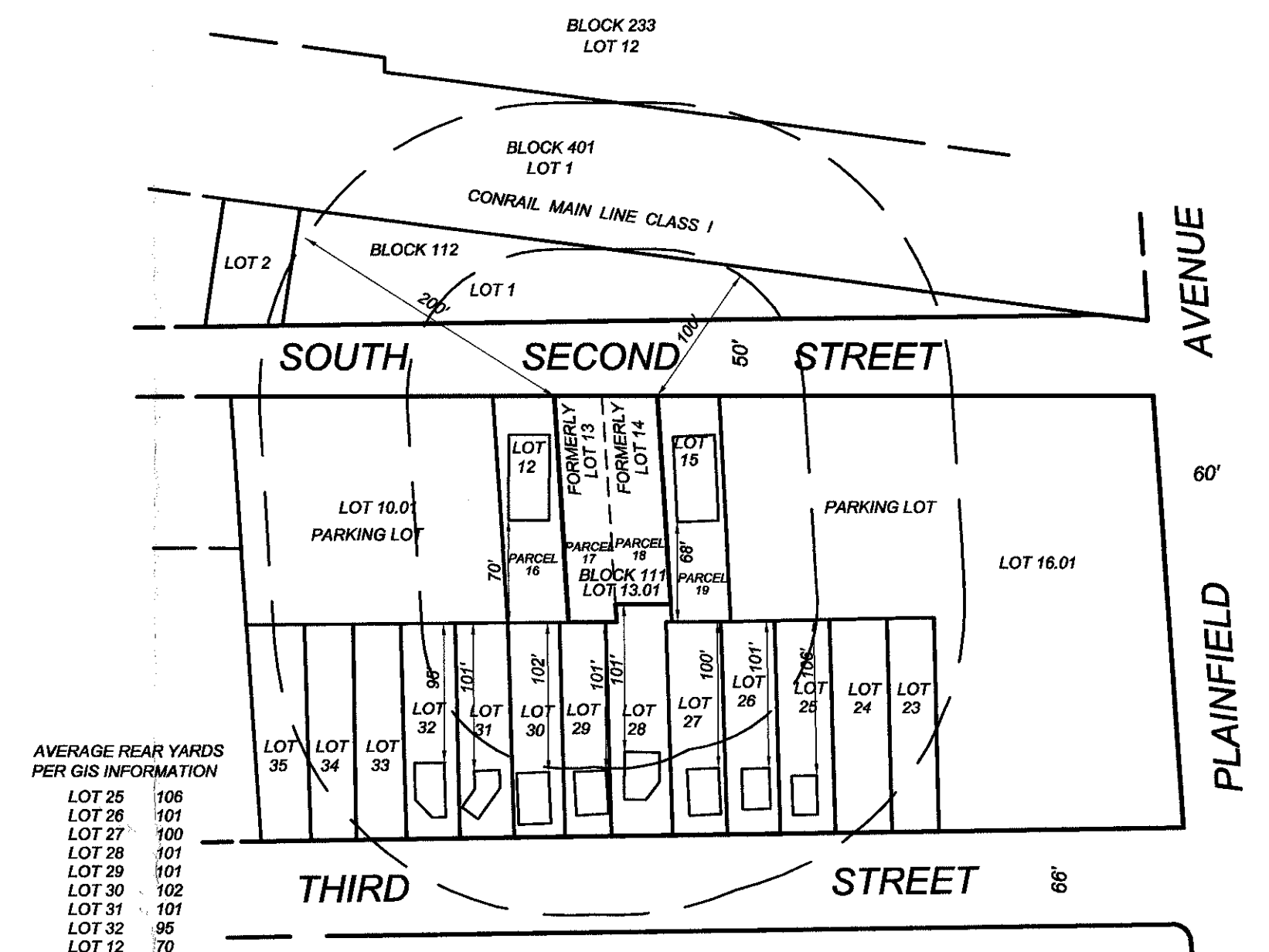
NOTE: 1,319 + 1,319 / 10,339 X 100 = 25.52 % THEREFORE NOT POSSIBLE TO CONFORM WITH COVERAGE
EVEN IF SUBDIVISION LINE IS ADJUSTED.

STORM WATER MANAGEMENT NOTES:

- 1) AREA OF DISTURBANCE IS 10,500 SQUARE FEET (0.24 ACRES)
- 2) EXISTING IMPERVIOUS COVERAGE IS 0 SQUARE FEET. PROPOSED IMPERVIOUS COVERAGE IS 12,833 SQUARE FEET. INCREASE IN IMPERVIOUS COVERAGE IS 4,631 SQUARE FEET (0.106 ACRES)
- 3) AS DEFINED IN N.J.A.C. 7-8 "MAJOR DEVELOPMENT MEANS ANY DEVELOPMENT THAT PROVIDES FOR ULTIMATELY DISTURBING ONE OR MORE ACRES OF LAND OR INCREASING IMPERVIOUS SURFACE BY ONE-QUARTER ACRE OR MORE.", AS 0.24 ACRES OF LAND IS DISTURBED AND THE INCREASE IN IMPERVIOUS COVERAGE IS 0.103 ACRES, THIS PROJECT IS NOT A "MAJOR DEVELOPMENT".



KEY MAP
SCALE: 1"=500'



AREA MAP
SCALE: 1"=100'

LOT	OWNER	ADDRESS
LOT 11	HOUSE OF PRAYER-C.O.G.I.C. % CAHOON	P O BOX 5546 Plainfield, NJ 07061
LOT 12	NORMAN, HARRY & BUSSEY, TE'NIJAH	629-631 S 2ND ST Plainfield, NJ 07060
LOT 13.01	CHEN, CHONG F.	700 WALNUT STREET, Dunellen, NJ 08812
LOT 15	ABRIL, JAIME & AZUCENA	619-21 S 2ND ST Plainfield, NJ 07060
LOT 16.01	200 PLAINFIELD AVENUE URBAN RENEWAL	171 RT 173 S201 Asbury, NJ 08802
LOT 23	612 THIRD STREET LLC	PO BOX 1454 Plainfield, NJ 07061
LOT 24	BECK, CELESTINE	614 W 3RD ST Plainfield, NJ 07060
LOT 25	MATA, JULIO A & DIAZ, ELENA P	616 W 3RD ST Plainfield, NJ 07060
LOT 26	BENNETT, CARIE	618 W THIRD ST Plainfield, NJ 07060
LOT 27	PROANO, MIRIAM & EDISON	620 W 3RD ST Plainfield, NJ 07060
LOT 28	MUNOZ, TEODULO	622 W 3RD ST Plainfield, NJ 07060
LOT 29	MAYALA, RESINE	624 WEST 3RD STREET Plainfield, NJ 07060
LOT 30	PAZMINO, HENRI & SALAZAR, LUISA M	626 W 3RD ST Plainfield, NJ 07060
LOT 31	ACOSTA, JORGE L	634 W 3RD ST Plainfield, NJ 07060
LOT 32	GAMBOA, GLORIA P	636 W THIRD ST Plainfield, NJ 07060
LOT 33	GATHERE, JOSEPH K & KAMAU, RUTH	638 W 3RD ST Plainfield, NJ 07060
LOT 34	GATE 640 W 3RD LLC	P.O. BOX 444 Chatham, NJ 07928
LOT 35	DIAZ, WALTER	642 W 3RD ST Plainfield, NJ 07060
LOT 1	CITY OF PLAINFIELD	515 WATCHUNG AVE Plainfield, NJ 07060
LOT 2	MORRISON REAL ESTATE LLC	1869 LAKE AVE Scotch Plains, NJ 07076
LOT 23	GIANT REALTY, LLC	2055 AMWELL ROAD Somerset, NJ 08873
LOT 12	NEW JERSEY TRANSIT CORP	PO BOX 10009 NEWARK, NJ 07101
LOT 1		

RECEIVED

FEB 10 2022
PLANNING DIVISION

REVISED MINOR SUBDIVISION

LOT 13.01, BLOCK 111
IN THE
CITY OF PLAINFIELD
UNION COUNTY, NEW JERSEY

RICHARD G. TITUS
N.J. PROFESSIONAL
LAND SURVEYOR
LIC NO. GS33181

TITUS SURVEYING & ENGINEERING, P.C.
618 SOMERSET STREET
NORTH PLAINFIELD, NEW JERSEY 07060
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W. Leland Titus
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N.J. PROFESSIONAL
ENGINEER
LIC NO. GE31635

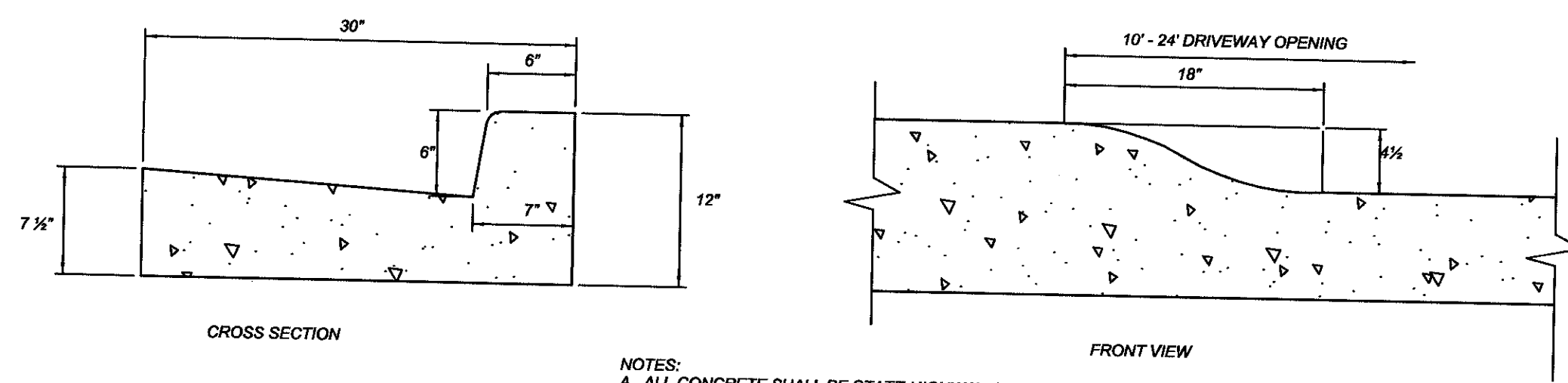
REVISED JANUARY 20, 2022
REVISED OCT. 15, 2020
REVISED MARCH 9, 2020
REVISED FEBRUARY 27, 2019

DATE	JOB NO.	BOOK	PAGE	DR. BY	CHECKED	SHEET
NOVEMBER 27, 2019	3-1566-18	344	18	RT	WLT	1 OF 4

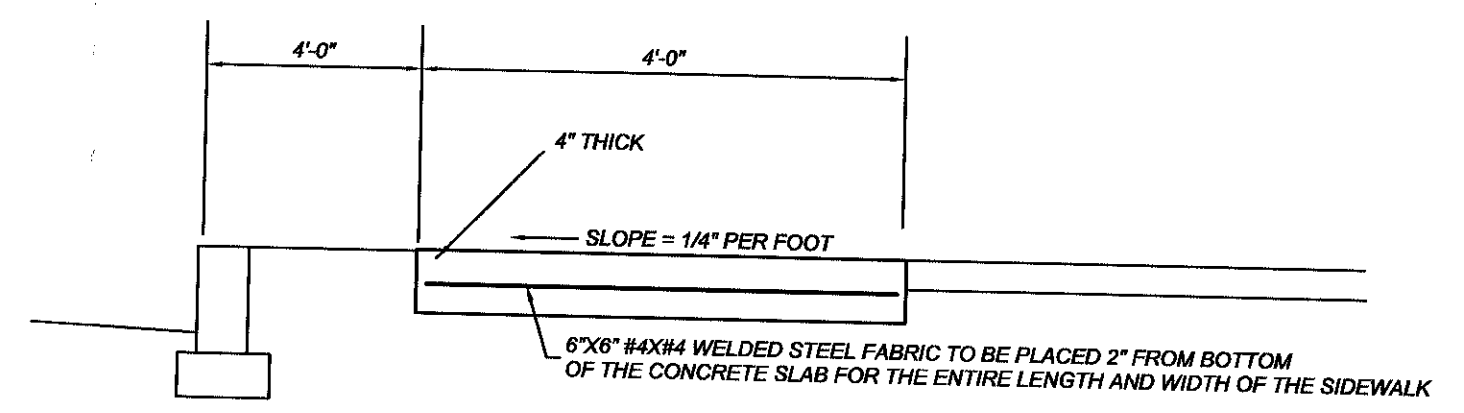
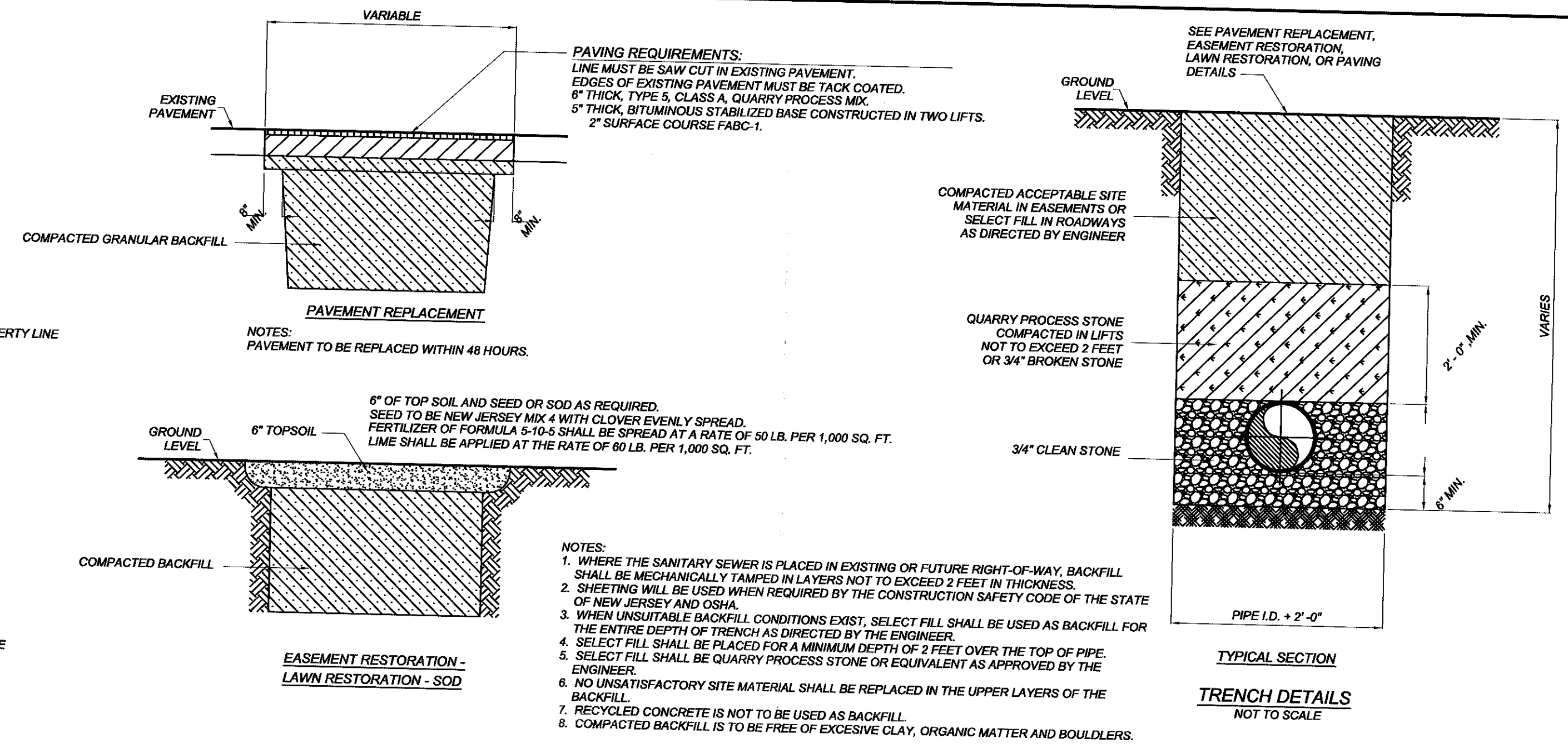
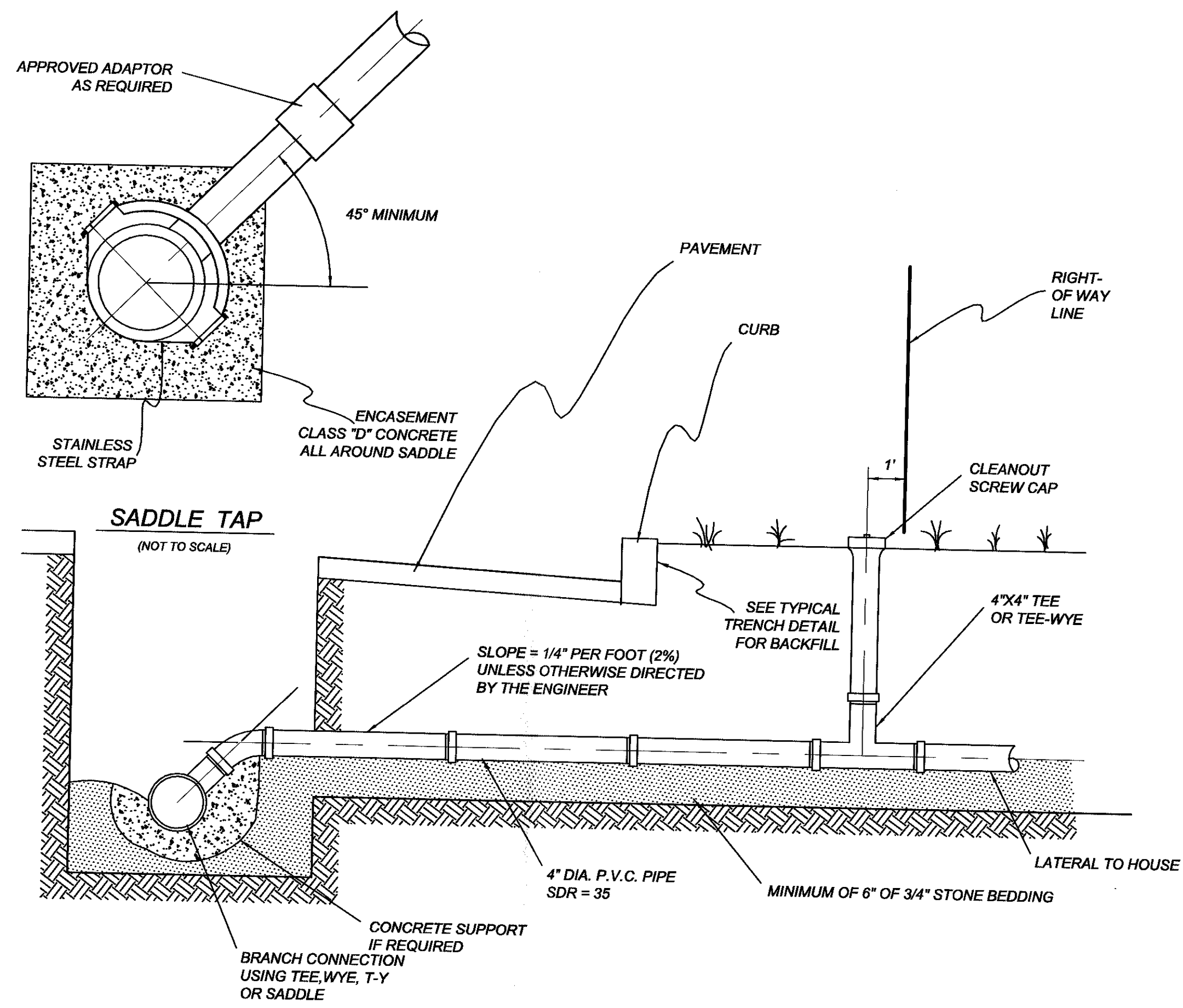
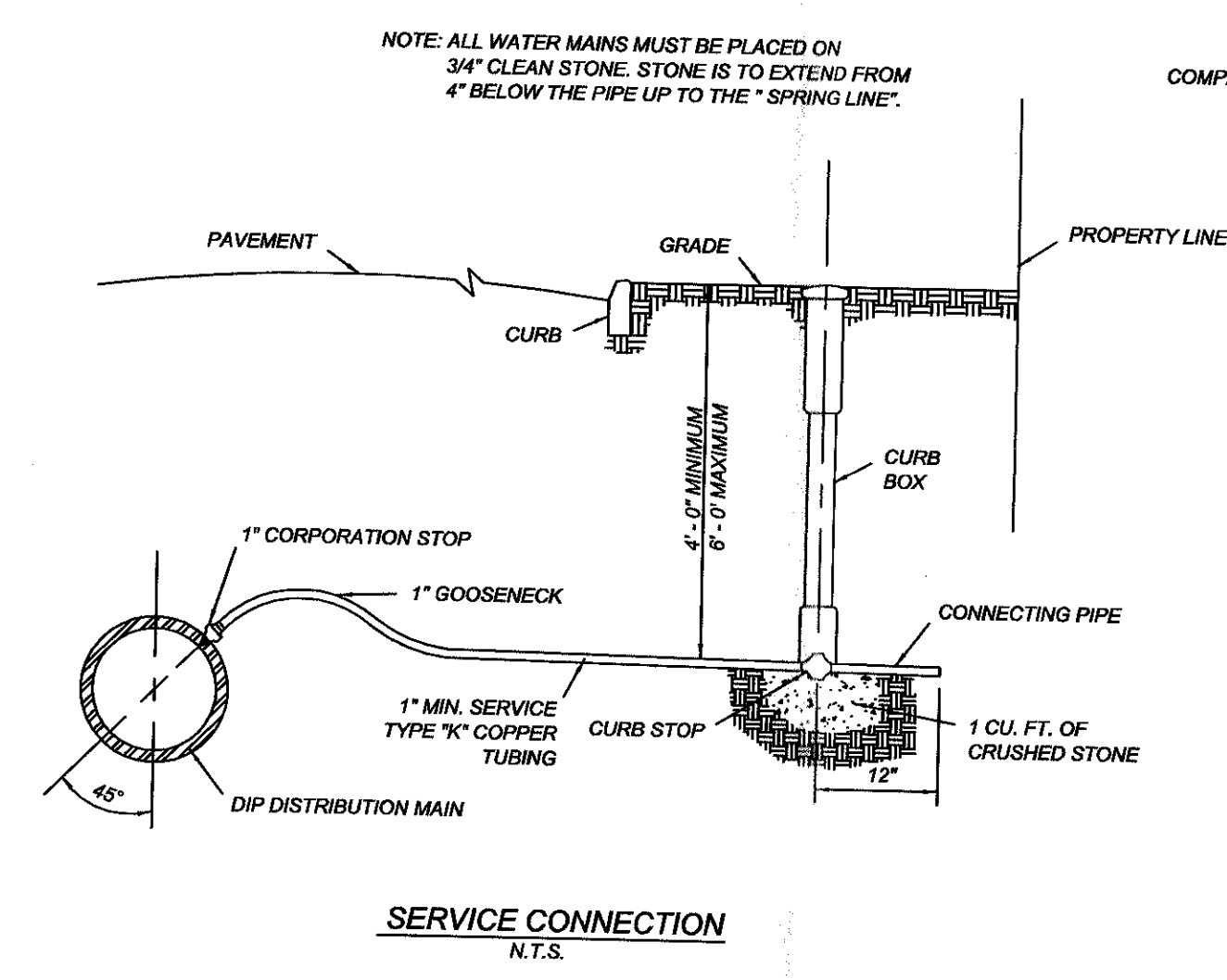
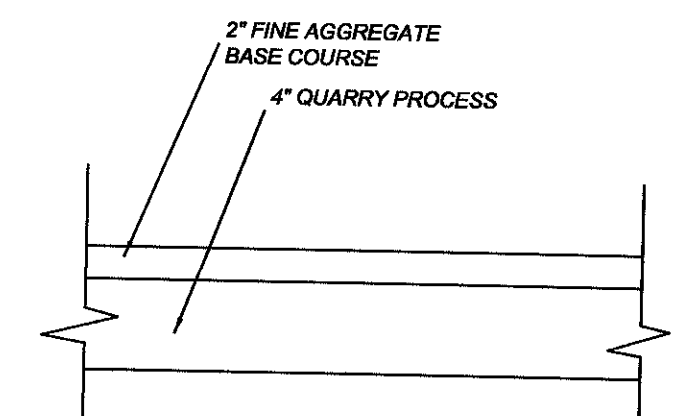
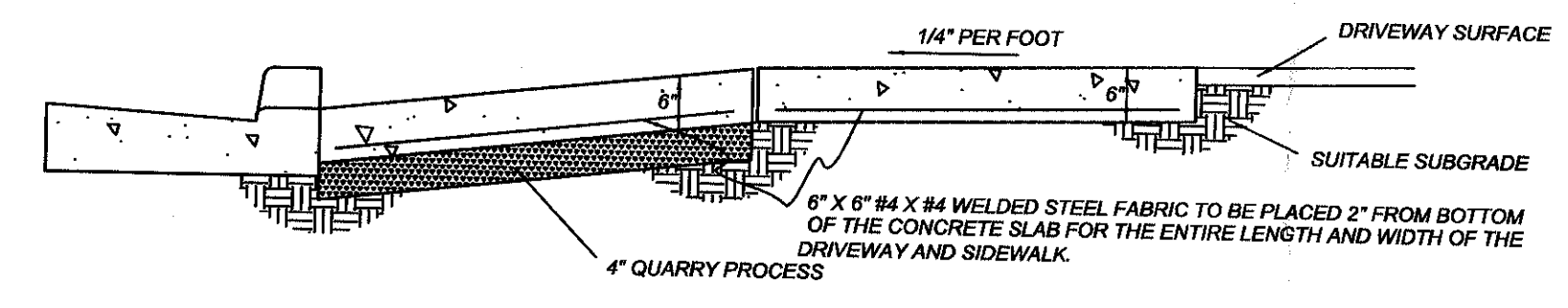
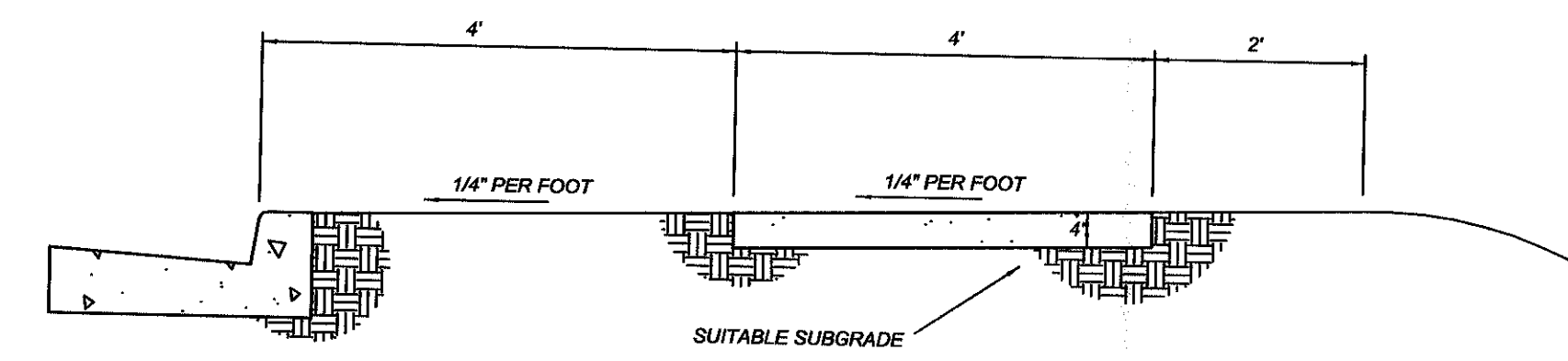
PLANNING BOARD CHAIRMAN DATE

PLANNING BOARD SECRETARY DATE

CITY ENGINEER DATE



INTEGRAL CONCRETE CURB AND GUTTER
NOT TO SCALE



DETAILS

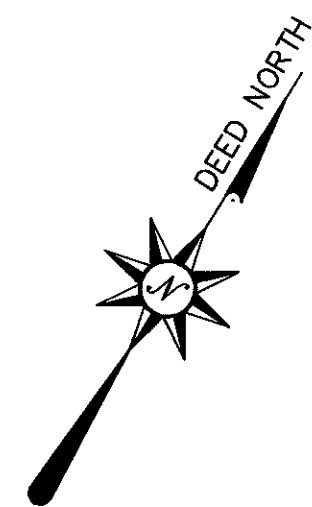
LOT 13.01, BLOCK 111
IN THE
CITY OF PLAINFIELD
UNION COUNTY, NEW JERSEY

TITUS SURVEYING & ENGINEERING, P.C.
618 SOMERSET STREET
NORTH PLAINFIELD, NEW JERSEY 07060
PHONE: (908) 756-9047 FAX: (908) 756-9055

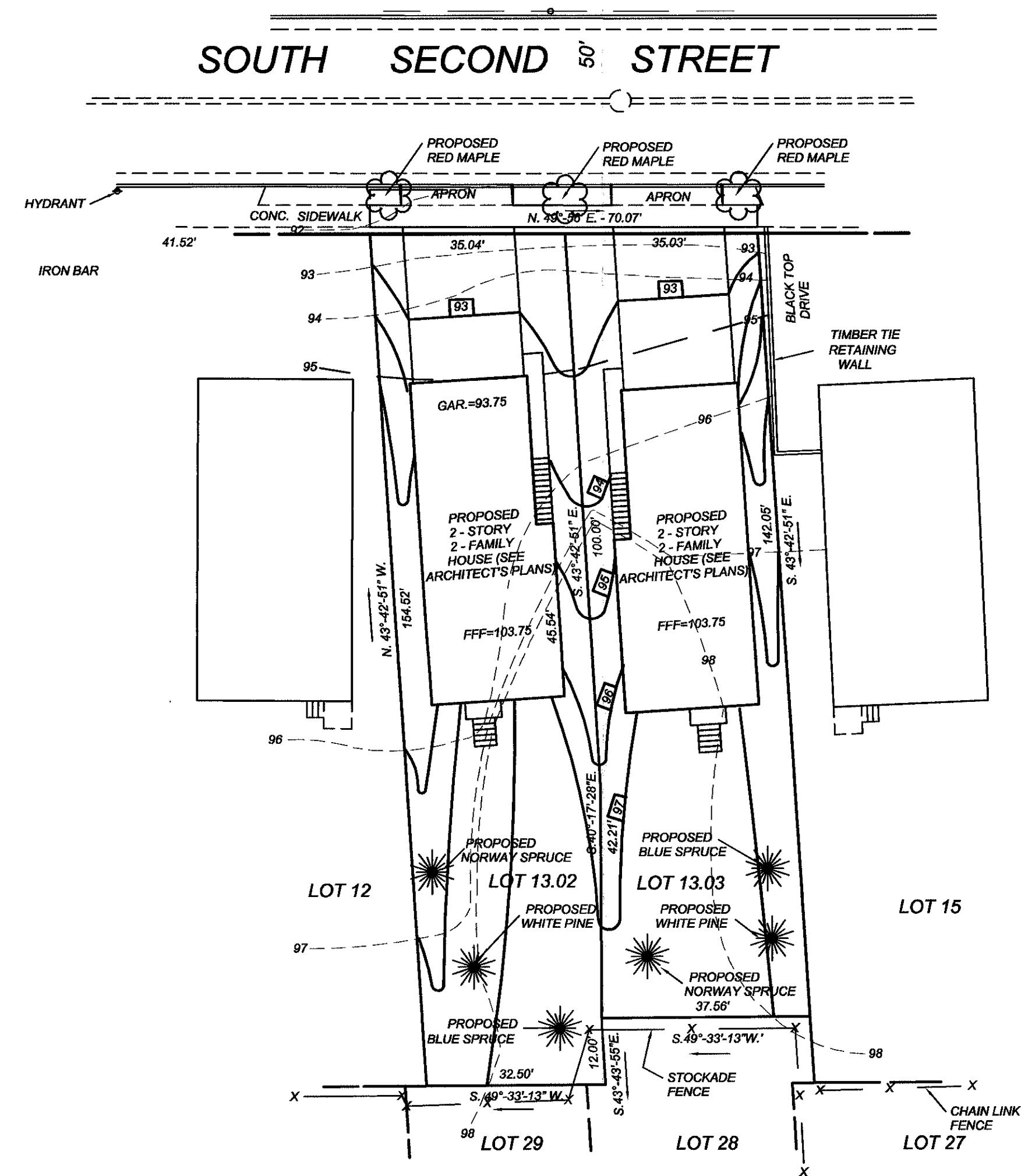
DATE	JOB NO.	BOOK	PAGE	DR. BY	CHECKED	SHEET
NOVEMBER 27, 2019	3-1566-18	334	18	WLT	WLT	2 OF 4

RICHARD G. TITUS
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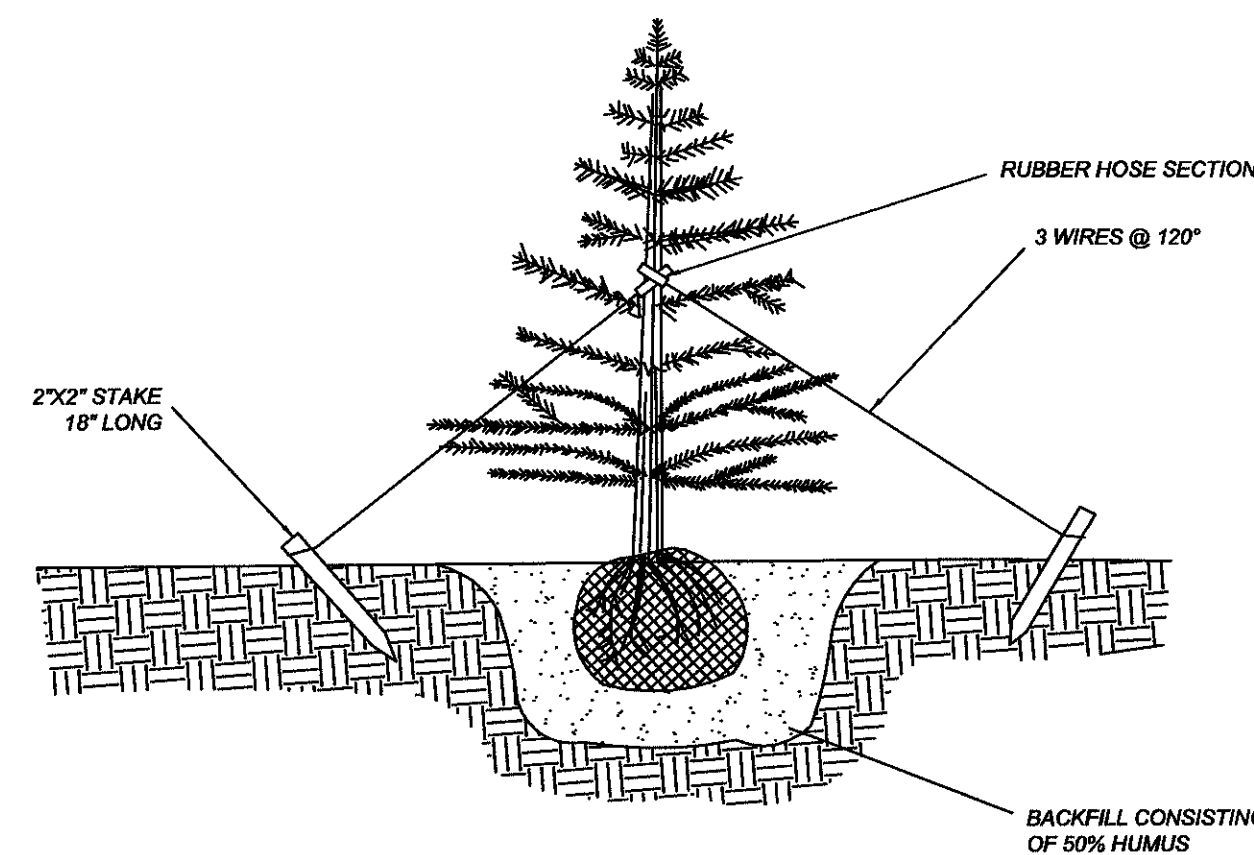


LANDSCAPING TABLE			
COMMON NAME	SCIENTIFIC NAME	QUANTITY	SIZE
RED MAPLE	<i>Acer rubra</i>	3	1 1/2 INCH DIA. 6 FEET HIGH
NORWAY SPRUCE	<i>Picea abies</i>	6	6 FEET HIGH
WHITE PINES	<i>Pinus strobus</i>	6	6 FEET HIGH
BLUE SPRUCE	<i>Picea pungens</i>	6	6 FEET HIGH

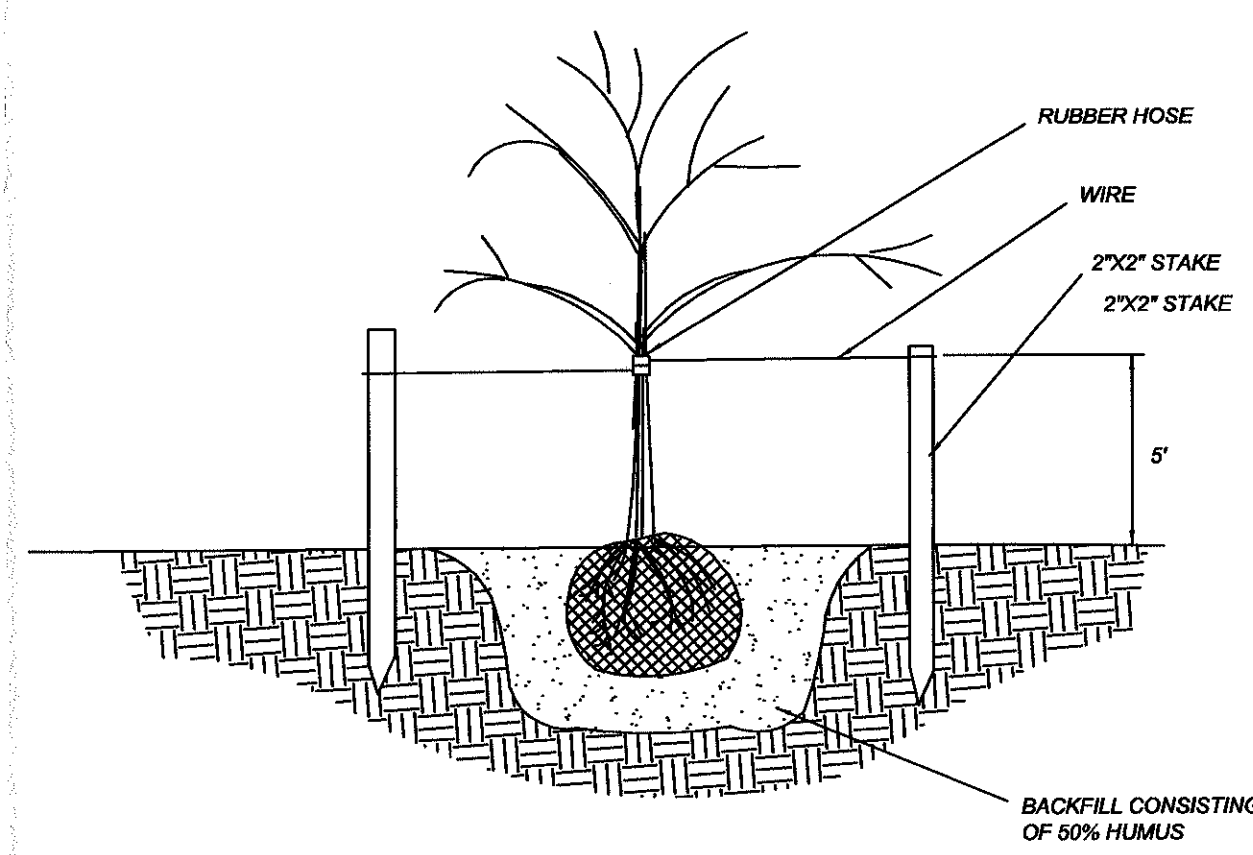


LANDSCAPING PLAN

SCALE: 1 INCH = 20 FEET



CONIFER



HARDWOOD

TREE PLANTING DETAILS
NOT TO SCALE

LOT 13.01, BLOCK 111
IN THE
CITY OF PLAINFIELD
UNION COUNTY, NEW JERSEY

RICHARD G. TITUS
N.J. PROFESSIONAL
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N.J. PROFESSIONAL
ENGINEER
LIC NO. GE31635

REVISED JANUARY 21, 2021
REVISED OCTOBER 15, 2020

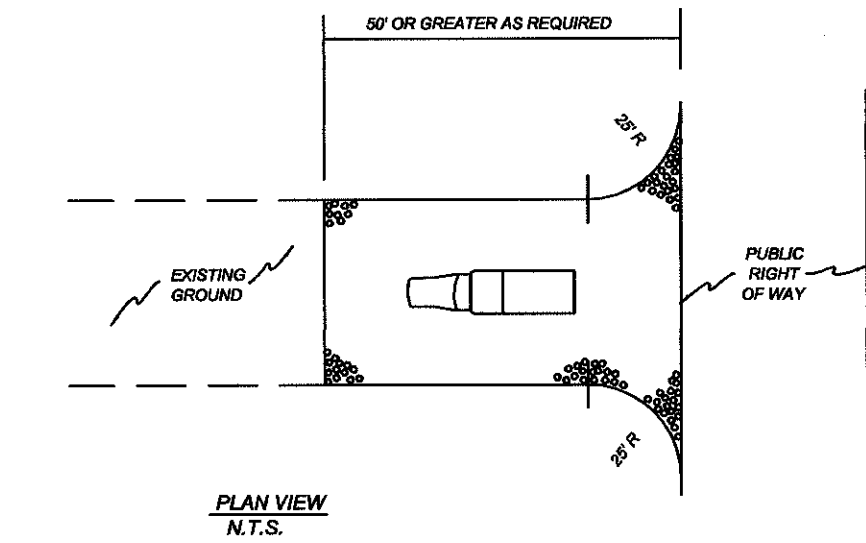
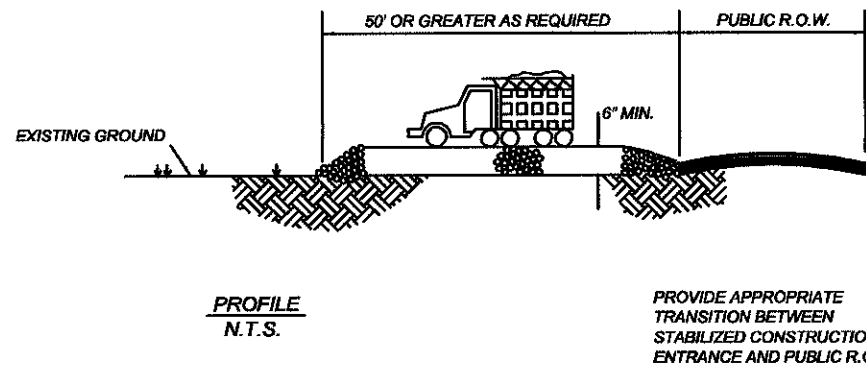
DATE	JOB NO.	BOOK	PAGE	DR. BY	CHECKED	SHEET
NOVEMBER 27, 2019	3-1566-18	344	18	WLT	RGT	3 OF 4

Agronomic Recommendations

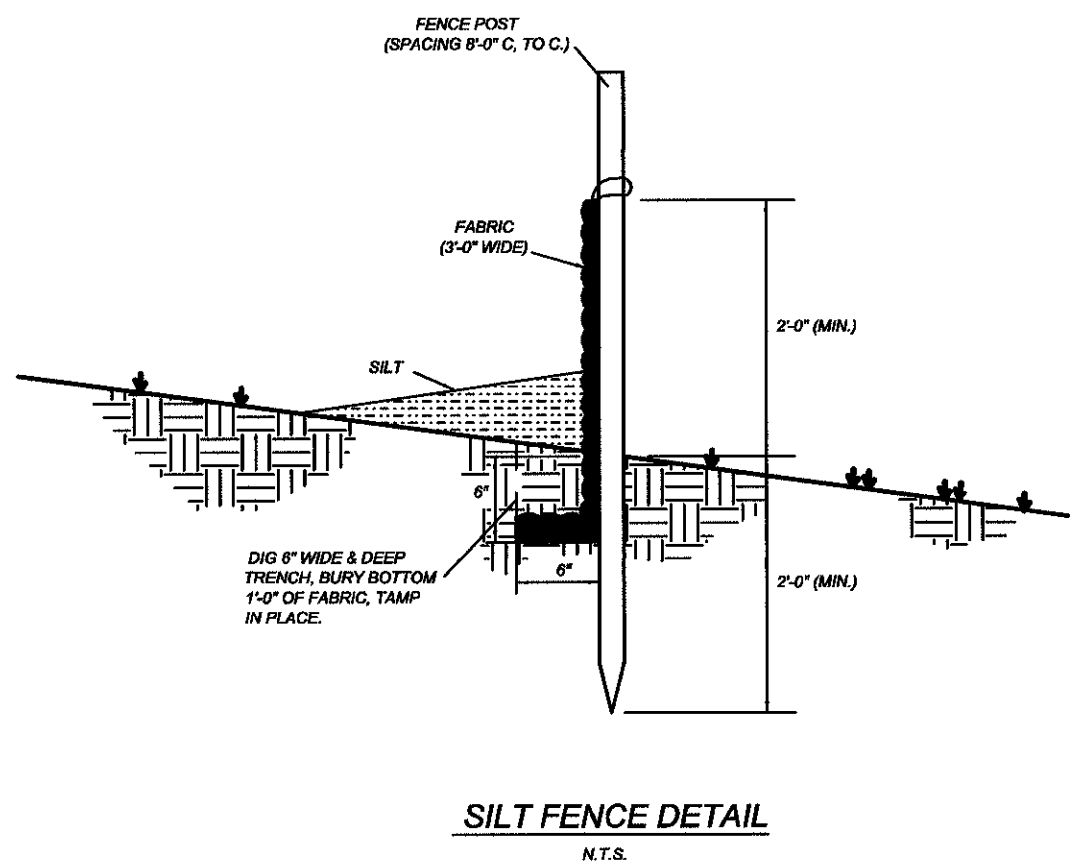
- 1) Disturb as little area as possible when excavation foundations and storing topsoil.
- 2) Place topsoil and excavation material from foundations on downhill side of lot, whenever possible to trap runoff from scalped areas.
- 3) Seed, fertilized, and lime all disturbed areas immediately after finished grading is completes. Lime and fertilizer recommendations are as follows or according to results of soil tests:
- a. Lime to be applied at the rate of 4,000 lbs. per acre (ground limestone)
 - b. Fertilizer to be at the rate of 500 lbs. of 10-10-10- per acre.
 - c. For critical areas such as road cuts and fills on slopes of 3:1 or greater, ground limestone should be increased to 4,000lbs. per acres and fertilizer to 1,000lbs. per acre.
- 4) Mulching is required on all seeding. Materials shall be unrotted small grain straw, hay free of seeds, or salt hay to be applied at the rate of 70 to 90 lbs. per 1,000 square feet. Mulching shall be spread uniformly so that approximately 75% to 95% of the soil surface will be covered. Mulch to be anchored using synthetic or organic binders such as Curasol, DCA-70, Petro-set or Terra-tack at rates recommended by the manufacturer.
- 5) Seeding rates and mixtures recommended:
- a. Temporary seeding
Lime: 2 tons per acre of ground area.
Fertilizer: 500 Pounds per acre 10-20-10
seed: Mar. 1 to May 15 and Aug. 15 to Oct. 1 - 40lbs. of perennial rye grass per acre.
 - b. Permanent seeding (for critical areas, such as road or driveway cuts and fills on slopes of 3:1 or steeper)
Lime: 3 tons per acre of ground area.
Fertilizer: 500 pounds per acre 10-20-10
Seed Mar. 1 to May 15 and Aug. 15 to Sept. 10 - 45lbs. of Kentucky 31 Fescue and 10 lbs. of crownvetch per acre. This is a general recommendation; other seedings can be used.
 - c. Permanent Seeding (road Right-of-Way and Movable areas, not lawn areas)
Lime: 3 tons per acre of ground area.
Fertilizer: 500 Pounds per acre 10-20-10
Seed: 80 lbs. of Kentucky 31 Fescue and 2 to 5 lbs. of annual rye grass per acre. Other seedings are acceptable provided they are adaptable to the area and are perennial. Date and rate of application according to standards for soil erosion and sediment control in New Jersey
 - d. Permanent Seeding (lawn areas)
Lime: 3 tons per acre of ground area.
Fertilizer: 500 pounds per acre 10-20-10 incorporated 4 inches into the soil.
Seed: dates Mar. 1 to May 15 and Aug. 15 to Oct. 1 - 60 lbs. of Kentucky bluegrass, 60 lbs. of a red fescue, and 40 lbs. of a perennial rye grass per acre.
Shade areas: Increase red fescue 20 lbs. and decrease Kentucky bluegrass 20 lbs. Other mixtures acceptable provided they meet "Standards for Approved Lawn Seed Mixtures" N.J. Agricultural Experimental Station and Cooperative Extension Service
 - e. Permanent stabilization by sodding
Lime: 3 tons per acres of ground area.
Fertilizer: 500 pounds per acre 10-20-10
Sod: Use good quality of N.J. certified sod of Kentucky bluegrass and Red Fescue.
 - f. General seeding (critical areas, waterways, etc.)
125 lbs. per acre of athletic field mixture or equivalent containing approximately:
54% Kentucky 31 fescue, 17% Kentucky Bluegrass,
20% Creeping Red Fescue, 5% Red top, and 3% Inert

SOIL EROSION AND SEDIMENT CONTROL NOTES

1. ALL SOIL EROSION AND SEDIMENT CONTROL PRACTICES ARE TO BE INSTALLED PRIOR TO ANY MAJOR SOIL DISTURBANCE, OR IN THEIR PROPER SEQUENCE, AND MAINTAINED UNTIL PERMANENT PROTECTION IS ESTABLISHED.
2. ANY DISTURBED AREAS THAT WILL BE LEFT EXPOSED MORE THAN THIRTY (30) 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 TWO (2) TONS PER ACRE, ACCORDING TO STATE STANDARDS.
3. PERMANENT VEGETATION TO BE SEED OR SODDED ON ALL EXPOSED AREAS WITHIN (10) DAYS AFTER FINAL GRADING. MULCHING IS REQUIRED ON ALL SEEDING. WHEN HYDROSEEDING, MULCH SHALL NOT BE INCLUDED IN THE TANK WITH THE SEED.
4. ALL WORK TO BE DONE IN ACCORDANCE WITH THE STANDARDS FOR SOIL EROSION AND SEDIMENT CONTROL IN NEW JERSEY.
5. A SUBBASE 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 SUBBASE SHALL BE INSTALLED WITHIN FIFTEEN (15) DAYS OF THE PRELIMINARY GRADING.
6. IMMEDIATELY FOLLOWING INITIAL DISTURBANCE OR ROUGH GRADING, ALL CRITICAL AREAS SUBJECT TO EROSION (i.e. STEEP SLOPES AND ROADWAY EMBANKMENTS) WILL RECEIVE A TEMPORARY SEEDING IN COMBINATION WITH STRAW MULCH OR A SUITABLE EQUIVALENT, AT A RATE OF TWO (2) TONS PER ACRE, ACCORDING TO STATE STANDARDS.
7. ANY STEEP SLOPES RECEIVING PIPELINE INSTALLATION WILL BE BACKFILLED AND STABILIZED DAILY, AS THE INSTALLATION CONTINUES (i.e. SLOPES GREATER THAN 3:1).
8. THE STANDARD FOR STABILIZED CONSTRUCTION ACCESS REQUIRES THE INSTALLATION OF A STONE PAD OF 1 1/2" TO 2" STONE, AT ALL CONSTRUCTION DRIVEWAYS, IMMEDIATELY AFTER INITIAL SITE DISTURBANCE.
9. 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 COVERED WITH A MINIMUM OF TWELVE (12) INCHES OF SOIL HAVING A pH OF 5 OR MORE PRIOR TO SEEDBED PREPARATION. AREAS WHERE TREES OR SHRUBS ARE TO BE PLANTED SHALL BE COVERED WITH A MINIMUM OF TWENTY FOUR (24) INCHES OF SOIL HAVING A pH OF 5 OR MORE.
10. WRITTEN NOTIFICATION IS REQUIRED TO THE SOMERSET-UNION SOIL CONSERVATION DISTRICT SEVENTY-TWO HOURS IN ADVANCE OF ANY LAND DISTURBING ACTIVITY.
11. AT THE TIME THE 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, SHALL BE REMOVED OR TREATED IN SUCH A WAY 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, NONVEGETATIVE MEANS OF PERMANENT GROUND STABILIZATION WILL HAVE TO BE EMPLOYED.
12. IN THAT N.J.S.A. 4:24-39 *et seq.* REQUIRES THAT NO CERTIFICATES OF OCCUPANCY BE ISSUED BEFORE THE PROVISIONS OF THE CERTIFIED PLAN FOR EROSION CONTROL HAVE BEEN COMPILED WITH FOR PERMANENT MEASURES, ALL SITE WORK FOR SITE PLAN AND ALL WORK AROUND INDIVIDUAL LOT IN SUBDIVISIONS, WILL HAVE TO BE COMPLETED PRIOR TO THE DISTRICT ISSUING A REPORT OF COMPLIANCE FOR THE ISSUANCE OF A CERTIFICATE OF OCCUPANCY BY THE MUNICIPALITY.
13. CONDUIT OUTLET PROTECTION MUST BE INSTALLED AT ALL REQUIRED OUTFALLS PRIOR TO THE DRAINAGE SYSTEM BECOMING OPERATIONAL.
14. ANY CHANGE 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 RECERTIFICATION. THE REVISED PLANS MUST MEET ALL CURRENT STATE SOIL EROSION AND SEDIMENT CONTROL STANDARDS.
15. UNFILTERED DEWATERING IS NOT PERMITTED. TAKE ALL NECESSARY PRECAUTIONS DURING ALL DEWATERING OPERATIONS TO MINIMIZE SEDIMENT TRANSFER. ANY DEWATERING METHODS USED MUST BE IN ACCORDANCE WITH STATE STANDARDS.
16. 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 IN ACCORDANCE WITH STATE STANDARDS FOR EROSION CONTROL.
17. ALL SOIL WASHED, DROPPED, SPILLED, OR TRACKED OUTSIDE THE LIMIT OF DISTURBANCE OR ONTO PUBLIC RIGHTS-OF-WAY WILL BE REMOVED IMMEDIATELY.
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. STOCKPILE AND STAGING LOCATIONS DETERMINED 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 CERTIFICATION OF A REVISED SOIL EROSION AND SEDIMENT CONTROL PLAN. THE DISTRICT RESERVES THE RIGHT TO DETERMINE WHEN CERTIFICATION OF A NEW AND SEPARATE SOIL EROSION AND SEDIMENT PLAN WILL BE REQUIRED FOR THESE ACTIVITIES.
20. ALL SOIL STOCKPILES ARE TO BE TEMPORARILY STABILIZED IN ACCORDANCE WITH SOIL EROSION AND SEDIMENT CONTROL NOTE #2.



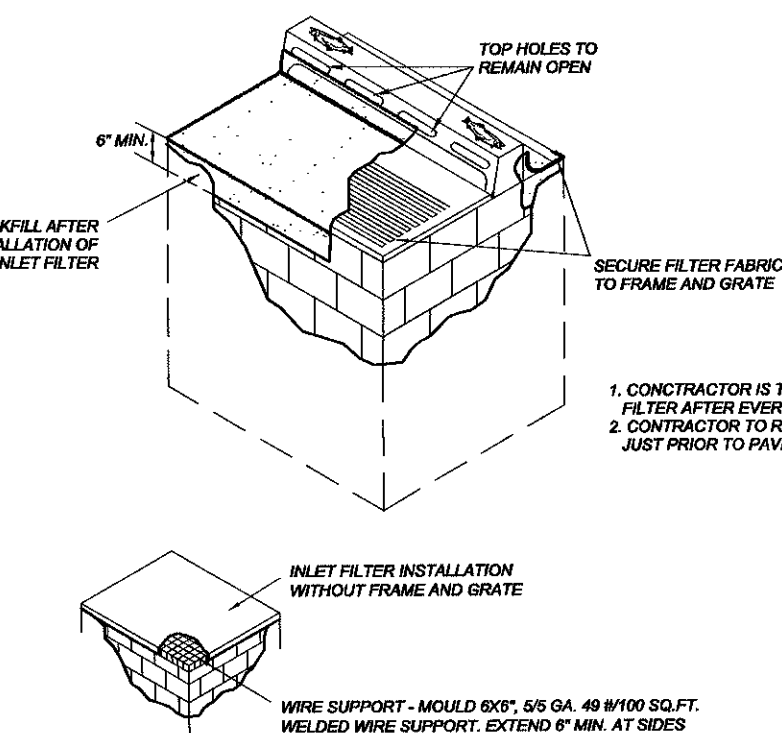
STABILIZED CONSTRUCTION ENTRANCE



SILT FENCE DETAIL

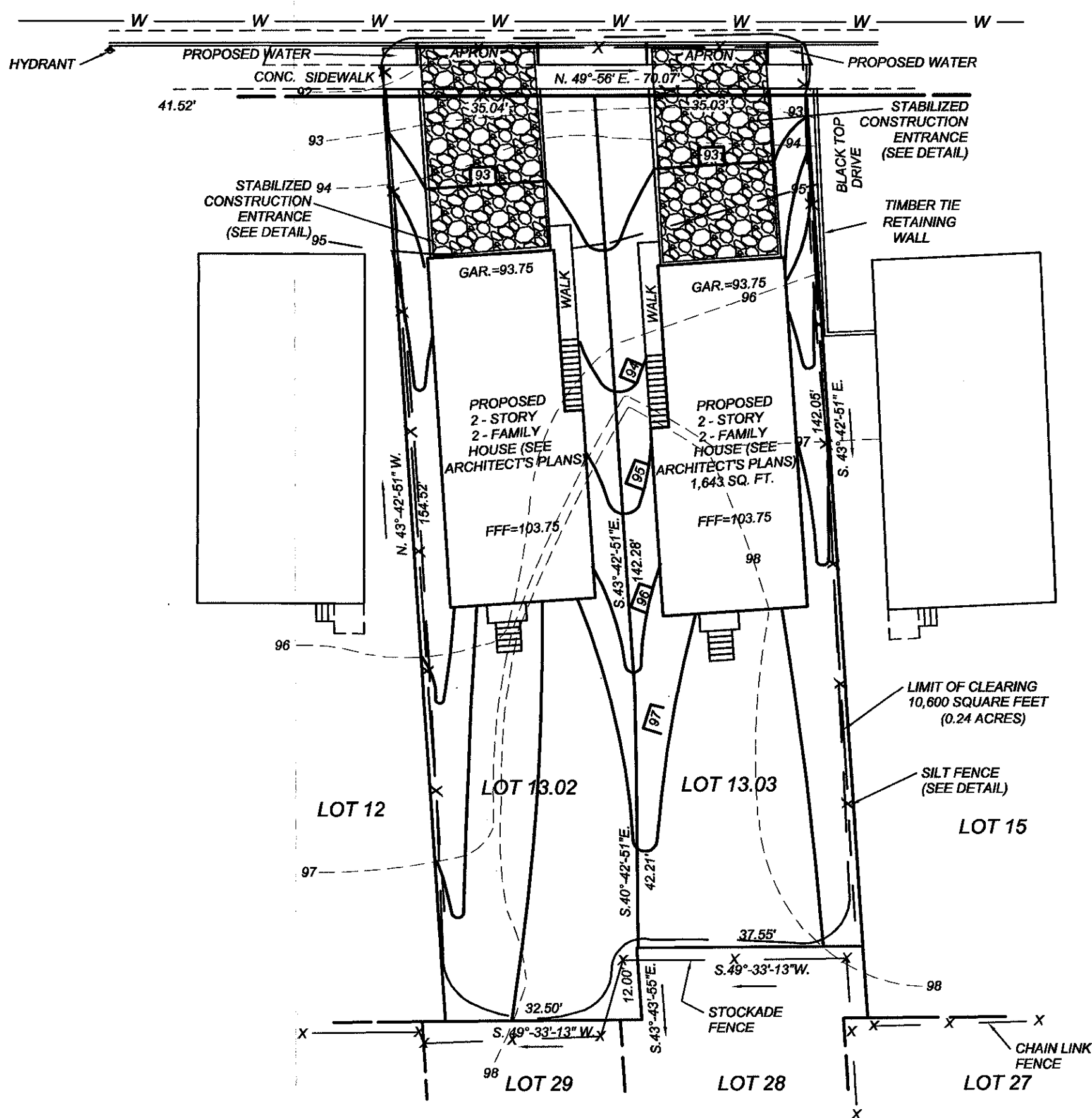
A sediment trap is excavated behind the curb at the inlet. The basin shall be at least 12 to 14 inches in depth, approximately 36 inches in width, and approximately 7 to 10 feet in length parallel to the curb.

Storm water will reach the sediment trap via curb cuts adjacent to each side of the inlet structure. These openings shall be at least 12 inches in length. Storm water may also reach the basin via overland flow area behind the curb. The curb cuts shall be repaired when the sedimenting is removed.



INLET FILTER DETAIL

SOUTH SECOND STREET



EROSION CONTROL PLAN

SCALE: 1 INCH = 20 FEET



- 1) CONSTRUCT SILT FENCE AS SHOWN.....2 DAYS
- 2) CONSTRUCT STABILIZED CONSTRUCTION ENTRANCE.....2 DAYS
- 3) REMOVE AND PROPERLY DISPOSE OF DIRT AND DEBRIS PILE.....1 WEEK
- 4) ROUGH GRADE SITE AND REMOVE SURPLUS SOIL.....1 WEEK
- 5) CONSTRUCT 2 FAMILY HOUSES.....6 MONTHS
- 6) SCARIFICATION/TILLAGE (6\"/>

Soil De-compaction and Testing Requirements

Soil Compaction Testing Requirements

1. Subgrade soils **prior to the application of topsoil** (see permanent seeding and stabilization notes for topsoil requirements) shall be free of excessive compaction to a depth of 6.0 inches to enhance the establishment of permanent vegetative cover.
2. Areas of the site which are subject to compaction testing and/or mitigation are **graphically denoted** on the certified soil erosion control plan.
3. **Compaction testing locations** are denoted on the plan. A copy of the plan or portion of the plan shall be used to mark locations of tests, and attached to the compaction remediation form, available from the local soil conservation district. This form must be filled out and submitted prior to receiving a certificate of compliance from the district.
4. In the event that testing indicates compaction in excess of the maximum thresholds indicated for the simplified testing methods (see details below), the contractor/owner shall have the option to perform either (1) compaction mitigation over the entire mitigation area denoted on the plan (excluding exempt areas), or (2) perform additional, more detailed testing to establish the limits of excessive compaction whereupon only the excessively compacted areas would require compaction mitigation. Additional detailed testing shall be performed by a trained, licensed professional.

Compaction Testing Methods

- A. Probing Wire Test (see detail)
- B. Hand-held Penetrometer Test (see detail)
- C. Tube Bulk Density Test (licensed professional engineer required)
- D. Nuclear Density Test (licensed professional engineer required)

Note: Additional testing methods which conform to ASTM standards and specifications, and which produce a dry weight, soil bulk density measurement may be allowed subject to District approval.

Soil compaction testing is not required if/when subsoil compaction remediation (scarification/tillage (6\"/>

Procedures for Soil Compaction Mitigation

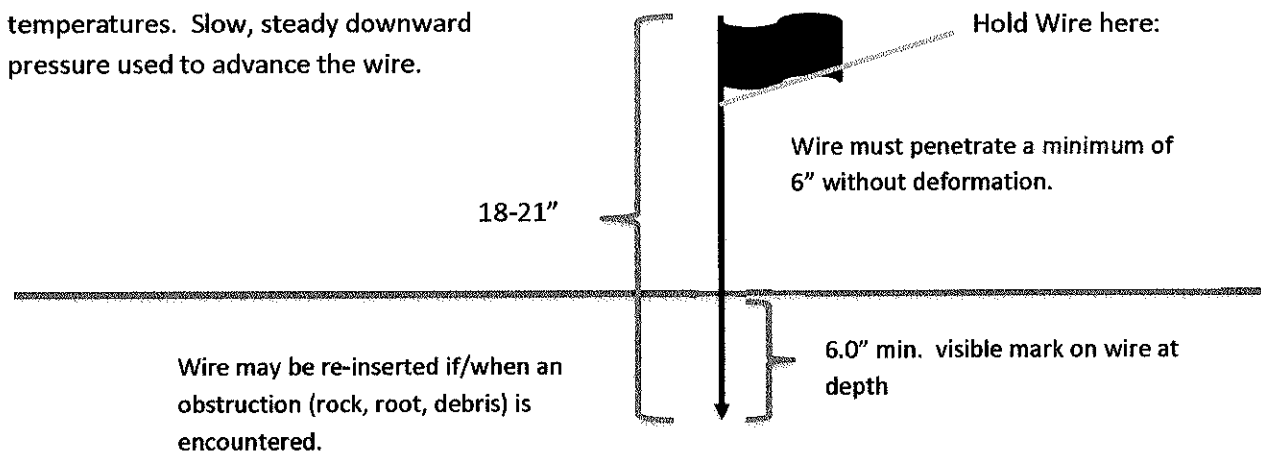
Procedures shall be used to mitigate excessive soil compaction **prior to placement of topsoil** and establishment of permanent vegetative cover.

Restoration of compacted soils shall be through deep scarification/tillage (6\"/>

Simplified Testing Methods

Probing Wire Test- 15.5 ga steel wire (survey flag)

Note: soil should be moist but not saturated. Do not test when soil is excessively dry or subject to freezing temperatures. Slow, steady downward pressure used to advance the wire.



Handheld Soil Penetrometer Test

Note: soil should be moist but not saturated. Do not test when soil is excessively dry or subject to freezing temperatures. Slow, steady downward pressure used to advance the probe. Probe must penetrate at least 6\"/>

