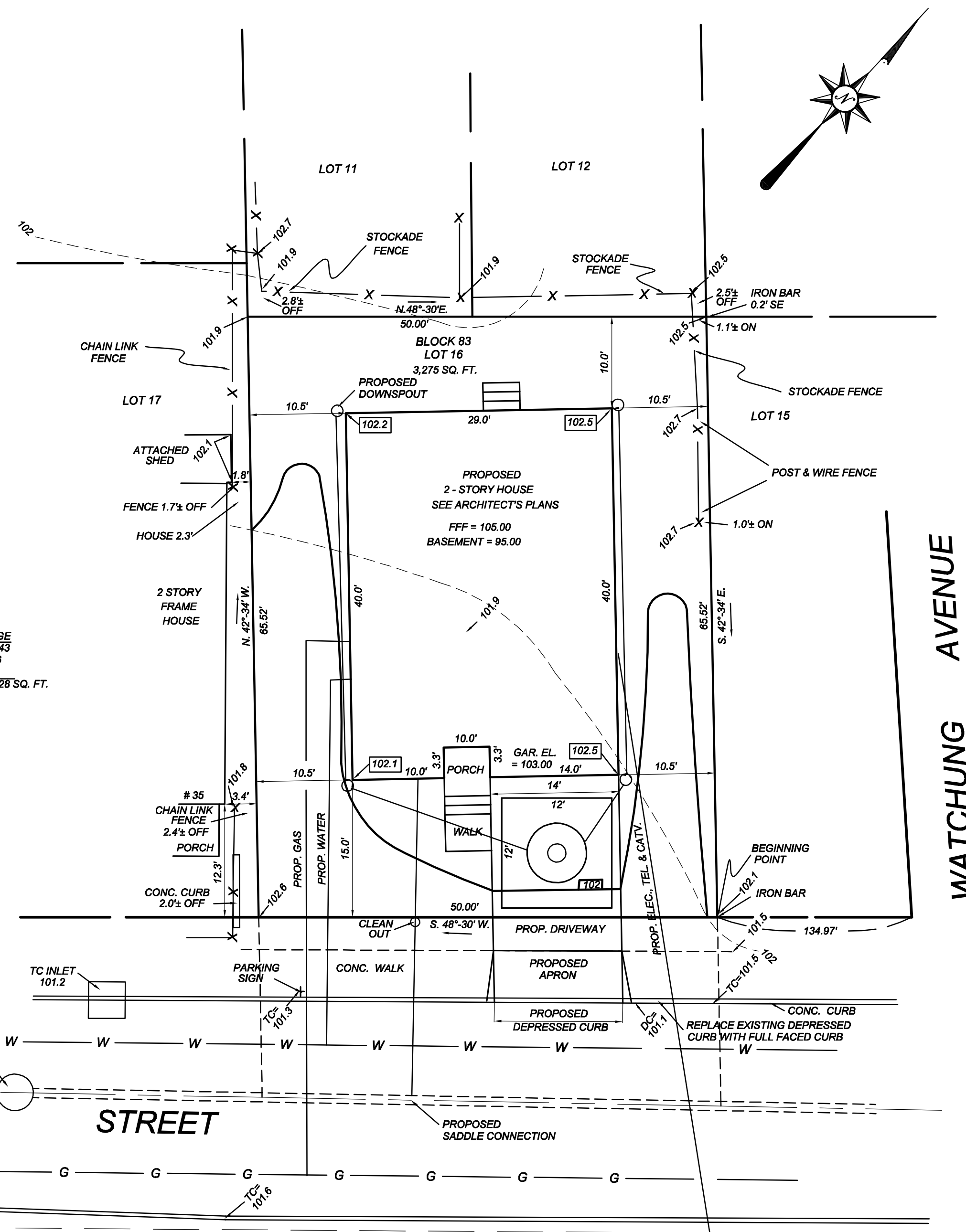


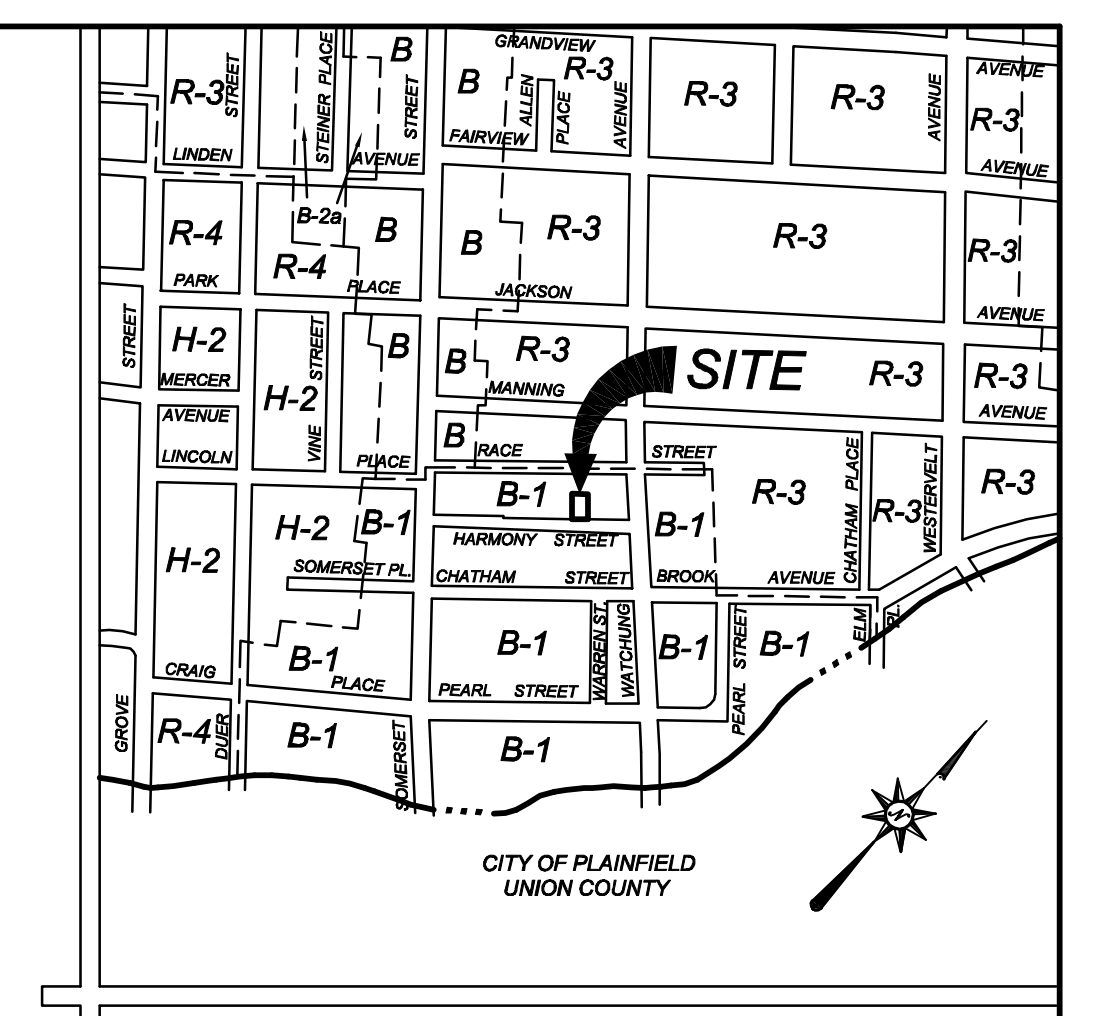
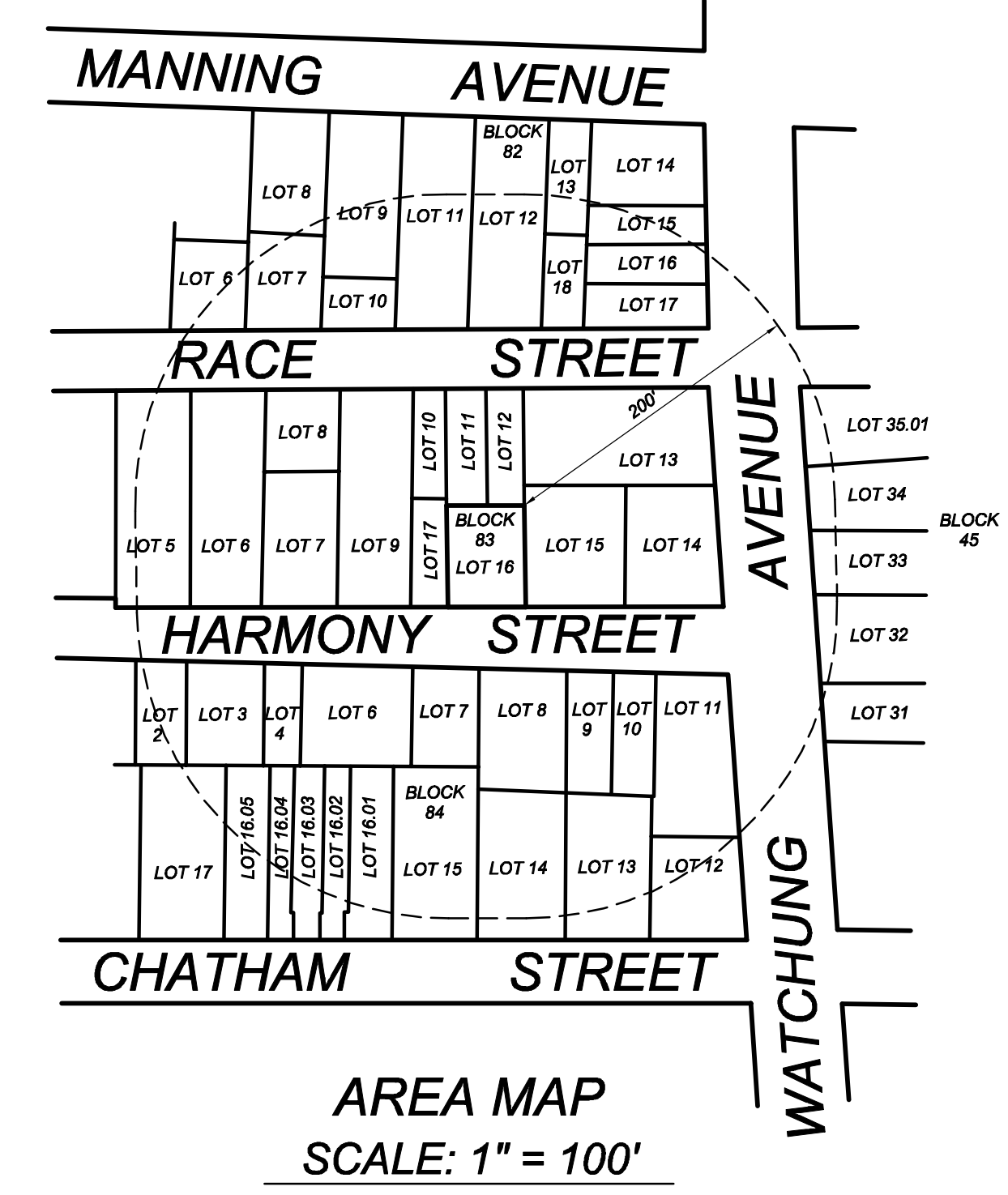
PROPOSED LOT COVERAGE
 HOUSE 1,143
 DRIVEWAY 216
 STEPS, WALKS, ETC. 69
 STEPS, WALKS, ETC. 1,428 SQ. FT.



PROPOSED CONDITIONS
 SCALE: 1 INCH = 10 FEET

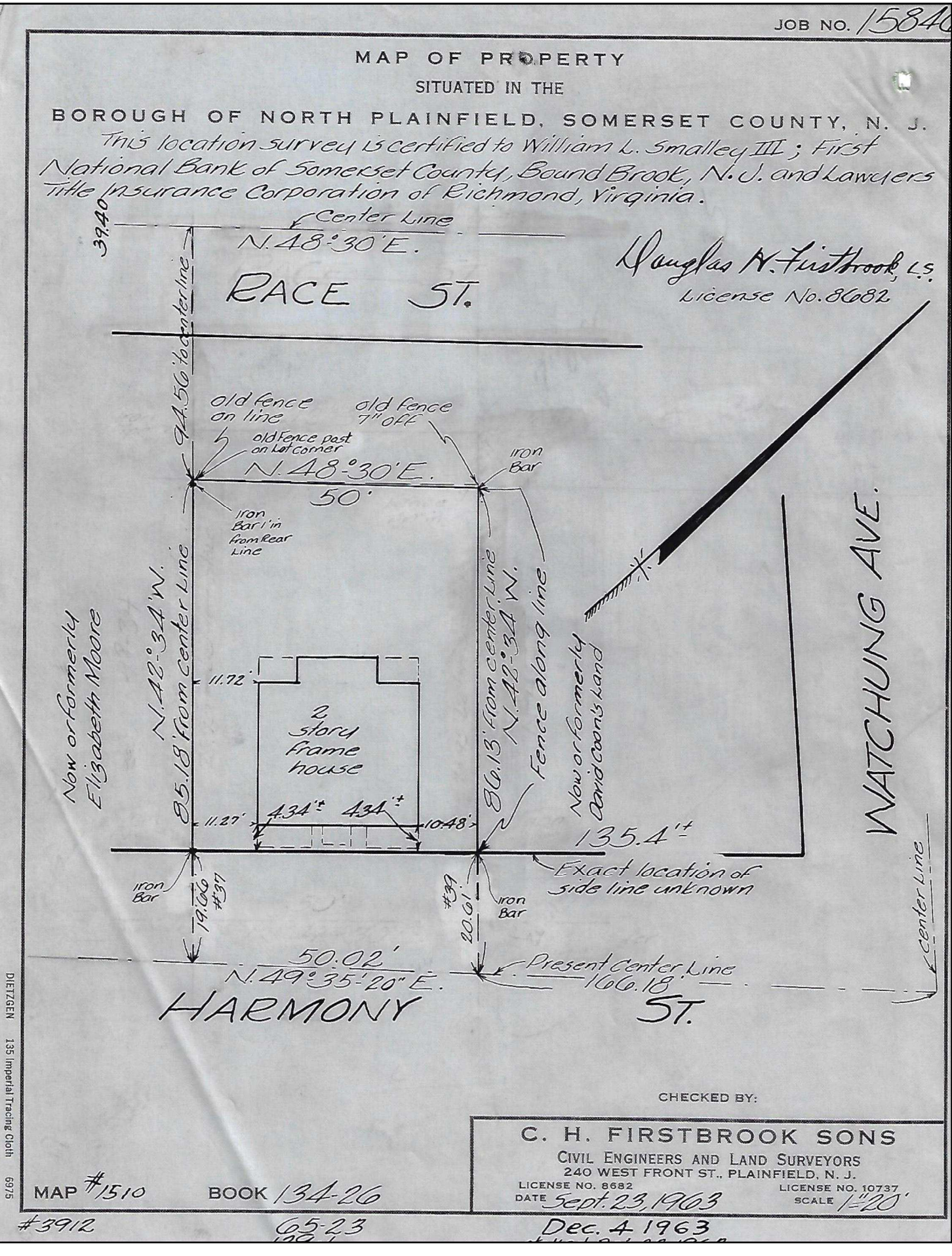
B-1 ZONING

	REQUIRED	PROPOSED
MAXIMUM BUILDING HEIGHT	5 STORIES / 50 FEET	2 STORIES / 28 FEET
MINIMUM LOT AREA	N/A	3,275 SQUARE FEET
MINIMUM LOT WIDTH	N/A	50 FEET
MINIMUM FRONTAGE	N/A	50 FEET
MINIMUM FRONT YARD	5 FEET + 5 FEET FOR EACH STORY IN EXCESS OF 2 (5 FT.)	15.0 FEET
MINIMUM REAR YARD	20 FEET + 5 FEET FOR EACH STORY IN EXCESS OF 2 (20 FT.)	10.0 FEET
MINIMUM SIDE YARD	10 FEET + 5 FEET FOR EACH STORY IN EXCESS OF 2 (10 FT.)	10.0 FEET
MAXIMUM BUILDING COVERAGE	N/A	1,143 / 3,275 X 100 = 34.9%
MINIMUM FLOOR AREA	N/A	2,325 SQ. FT.



OWNERS WITHIN 200 FEET

- BLOCK 45
 LOT 31
 LOT 32
 LOT 33
 LOT 34
 LOT 35.01
- BLOCK 82
 LOT 6
 LOT 7
 LOT 8
 LOT 9
 LOT 10
 LOT 11
 LOT 12
 LOT 13
 LOT 14
 LOT 16
 LOT 17
 LOT 18
- BLOCK 83
 LOT 5
 LOT 6
 LOT 7
 LOT 8
 LOT 9
 LOT 10
 LOT 11
 LOT 12
 LOT 13
 LOT 14
 LOT 16
 LOT 17
 LOT 18
- BLOCK 84
 LOT 2
 LOT 3
 LOT 4
 LOT 6
 LOT 7
 LOT 8
 LOT 9
 LOT 10
 LOT 11
 LOT 12
 LOT 13
 LOT 14
 LOT 15
 LOT 16
 LOT 17



HISTORIC SURVEY

BOARD OF ADJUSTMENT CHAIRMAN	DATE
BOARD OF ADJUSTMENT SECRETARY	DATE
BOROUGH ENGINEER	DATE

OWNER /APPLICANT
 GERALD S. AND PATRICIA A. WILLIAMSON
 12 ANITA DRIVE
 PISCATAWAY, N.J.

NOTES:
 1) SURVEY INFORMATION SHOWN HEREON BASED ON A SURVEY BY THIS OFFICE.
 2) TOPOGRAPHICAL INFORMATION SHOWN HEREON BASED ON FIELD TOPOGRAPHY OBTAINED BY THIS OFFICE.
 3) PROPERTY LOCATED IN "ZONE X" (AREAS DETERMINED TO BE OUTSIDE THE 0.2% ANNUAL CHANCE FLOODPLAIN.) AS PER FLOOD INSURANCE RATE MAP NUMBER 34035C0181E, EFFECTIVE SEPTEMBER 28, 2007.

LOT 16, BLOCK 83
 IN THE
BOROUGH OF NORTH PLAINFIELD
 SOMERSET COUNTY, NEW JERSEY

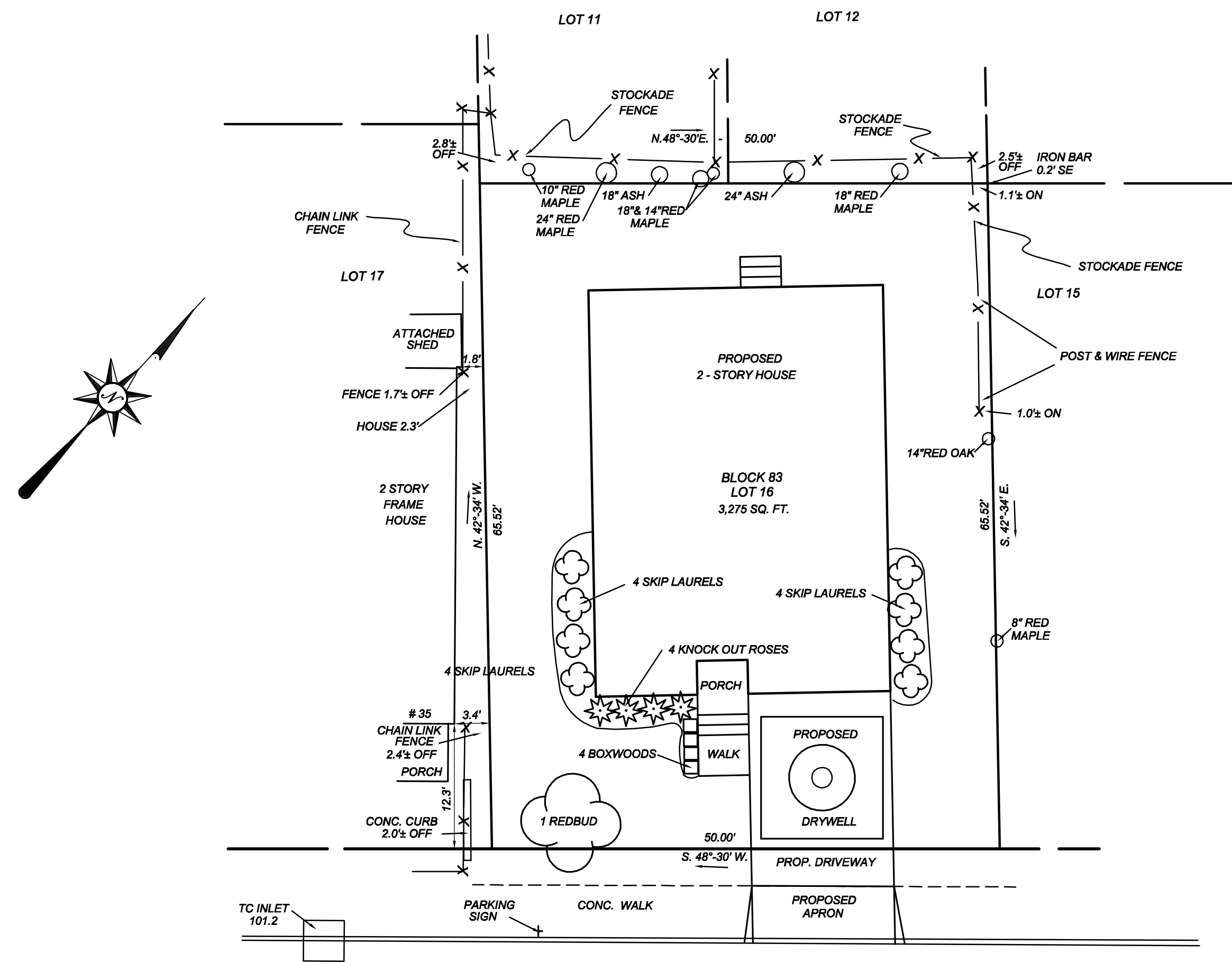
TITUS SURVEYING & ENGINEERING, P.C.
 618 SOMERSET STREET
 NORTH PLAINFIELD, NEW JERSEY 07060
 PHONE: (908) 756-9047 FAX: (908) 756-9055

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

Richard G. Titus
 W. LELAND TITUS
 N.J. PROFESSIONAL
 ENGINEER
 LIC NO. GE31635

DATE	JOB NO.	BOOK	PAGE	DR. BY	CHECKED	SHEET
OCTOBER 19, 2023	23-928-23	368	55	LM	WLT	1 OF 3

REVISED FEBRUARY 6, 2024



LANDSCAPING PLAN
SCALE: 1 INCH = 10 FEET

LANDSCAPING TABLE

SYMBOL	QUANTITY	COMMON NAME	SCIENTIFIC NAME	SIZE
	1	RED BUD	<i>Cercis canadensis</i>	1 INCH
	8	SKIP LAURELS	<i>Prunus laurocerasus</i> "Schipaensis"	3' HIGH
	8	KNOCKOUT ROSE	<i>Rosa</i> "RADrazz"	2 GALLON
	8	WINTER GEM BOXWOOD	<i>Prunus laurocerasus</i> "Schipaensis"	24" HIGH

DRAINAGE CALCULATIONS
RATIONAL METHOD

Q = CIA
I = 3.2 INCHES/HR. AND I = 7.5 INCHES/24 HOURS
C - EXISTING = 0.40 LAWN AREAS
C - PROPOSED = 1.00 IMPERVIOUS COVERAGE
INCREASE IN C = 0.60

PROPOSED COVERAGE

INCREASE = 1,428 SQUARE FEET

Q 1 HR. = 0.60 X 0.277 X 1,428 = 237 CUBIC FEET
Q 24 HR. = 0.60 X 0.625 X 1,428 = 536 CUBIC FEET

INFILTRATION

USE SOIL TYPE - BhnBr (Birdsboro silt loam)(WEB SOIL SURVEY)
PERMEABILITY = 0.6 INCHES PER HOUR

USE 12' X 12' PIT = 144 S.F.
1 HR. = 0.6 INCHES/HR. X 144 S.F. X 1 FT./12 IN. = 7 CUBIC FEET
24 HR. = 0.6 INCHES/HR. X 144 S.F. X 1 FT./12 IN. X 24 HRS. = 173 CUBIC FEET

STORAGE REQUIRED

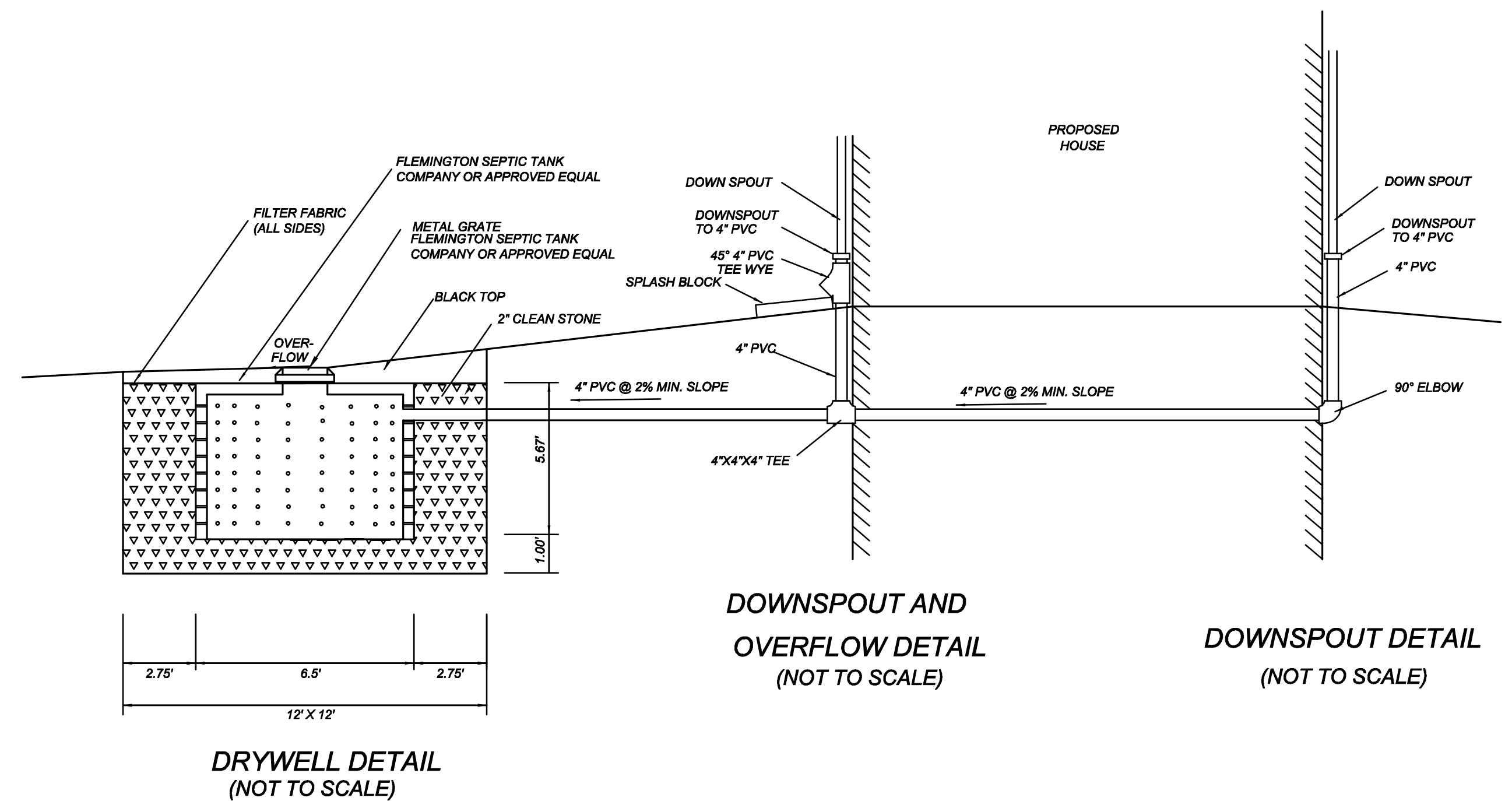
Q-P = STORAGE
1 HR. = 237 - 7 = 230 CUBIC FEET
24 HR. = 536 - 173 = 363 CUBIC FEET

PROPOSED STORAGE

USE 1 - 68" HIGH SEEPAGE TANK
OUTSIDE = $\pi(6.5/2)^2 \times 5.67 = 188$ CU.FT.
INSIDE = $\pi(6.0/2)^2 \times 5.67 = 160$ CU. FT.

VOLUME PROVIDED

VOLUME PROVIDED = 12' X 12' X 6.67' = 960 CUBIC FEET
0.4 VOIDS [960 - 188] = 309 CUBIC FEET
STORAGE = 309 + 160 = 469 CUBIC FEET

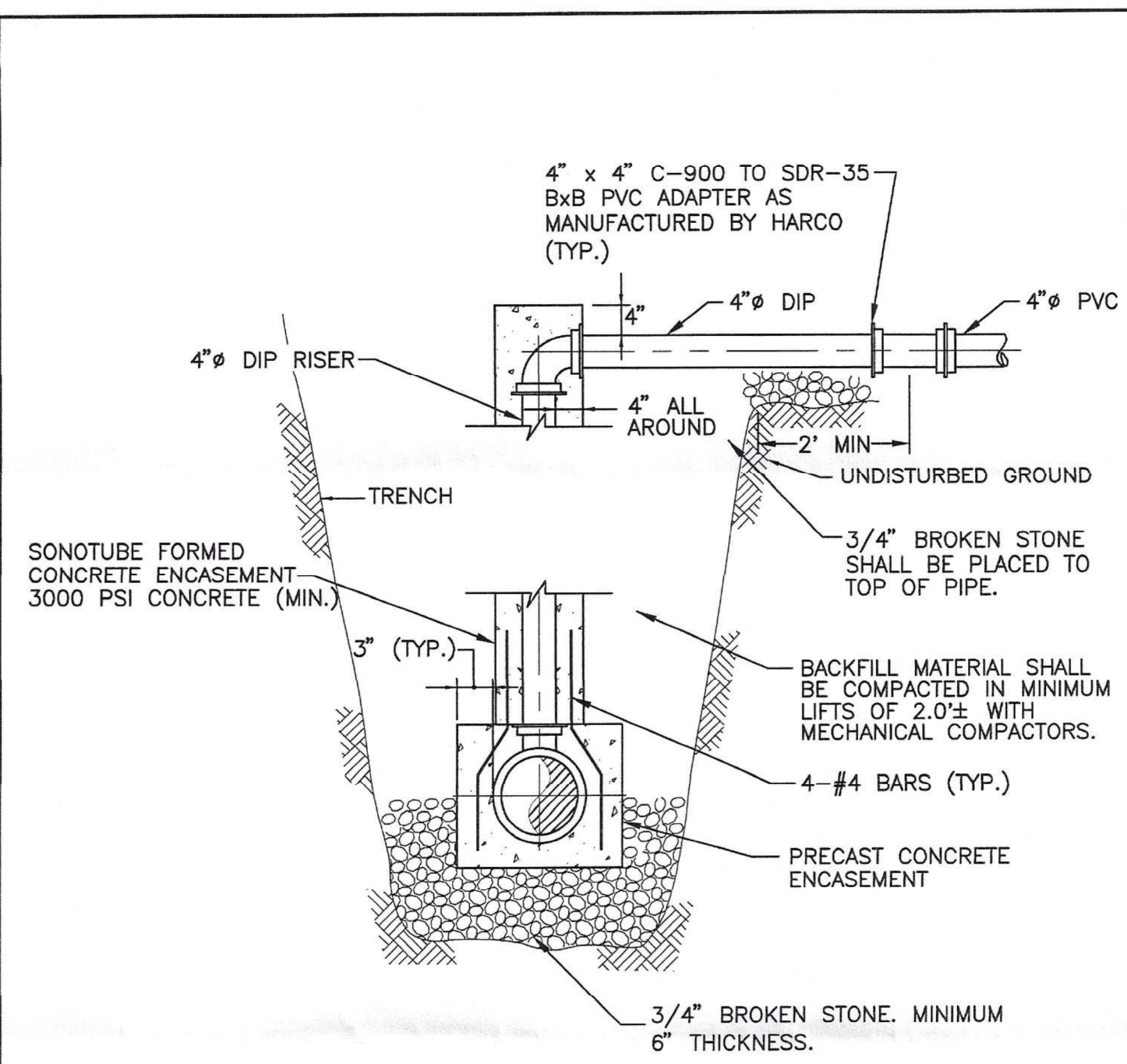


DOWNSPOUT AND OVERFLOW DETAIL
(NOT TO SCALE)

DOWNSPOUT DETAIL
(NOT TO SCALE)

DRYWELL DETAIL
(NOT TO SCALE)

<p>LOT 16, BLOCK 83 IN THE BOROUGH OF NORTH PLAINFIELD SOMERSET COUNTY, NEW JERSEY</p>		<p>RICHARD G. TITUS N.J. PROFESSIONAL LAND SURVEYOR LIC NO. GS33181</p>				
<p>TITUS SURVEYING & ENGINEERING, P.C. 618 SOMERSET STREET NORTH PLAINFIELD, NEW JERSEY 07060 PHONE: (908) 756-9047 FAX: (908) 756-9055</p>		<p><i>W. Leland Titus</i> W. LELAND TITUS N.J. PROFESSIONAL ENGINEER LIC NO. GE31635</p>				
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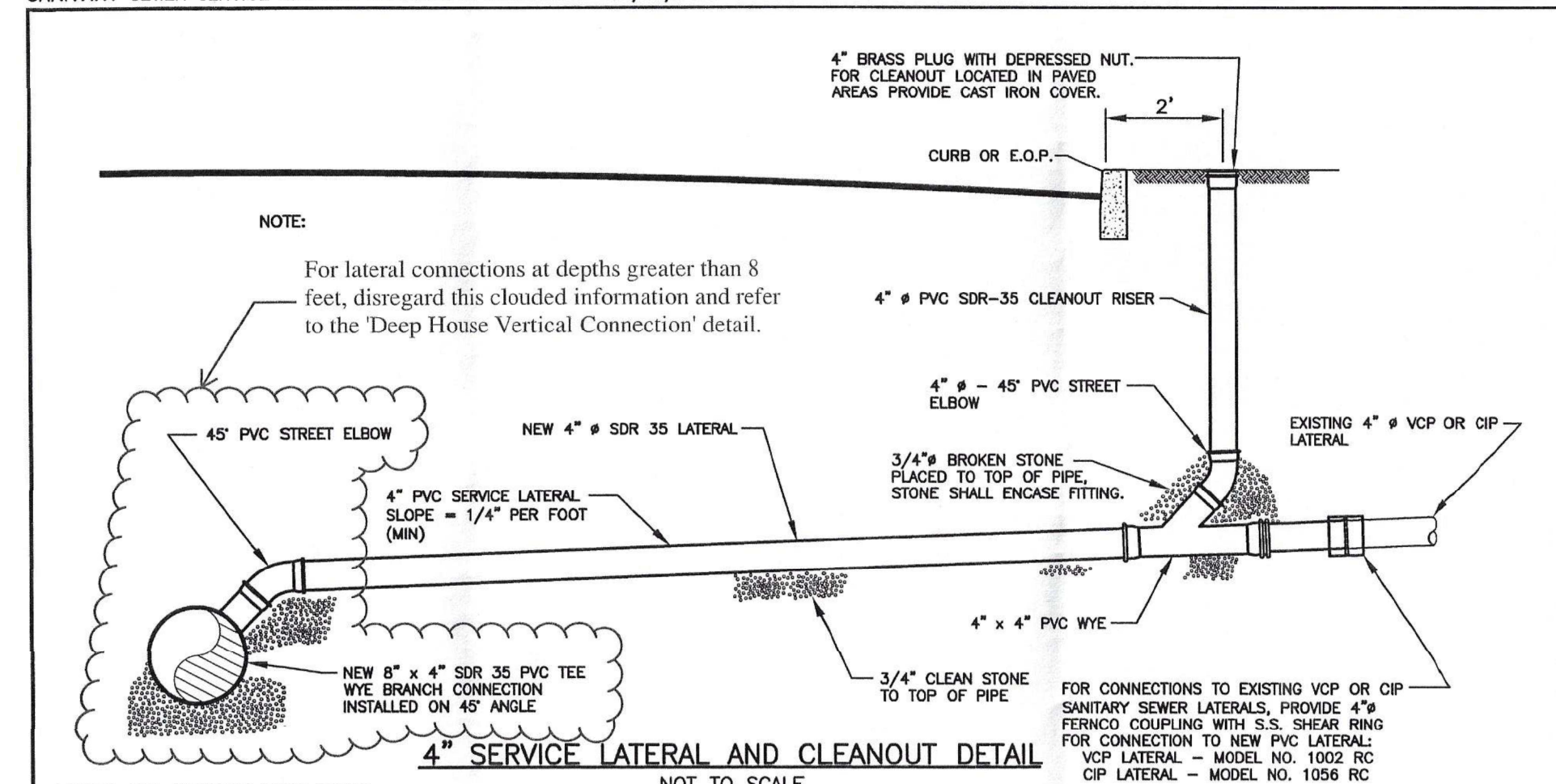


DEEP HOUSE VERTICAL CONNECTION DETAIL

NOT TO SCALE

NOTE: TO BE USED WHEN SEWER MAINS ARE GREATER THAN 8 FEET IN DEPTH.

SANITARY SEWER SERVICE LATERAL CONNECTION DETAIL.DWG 04/19/2016



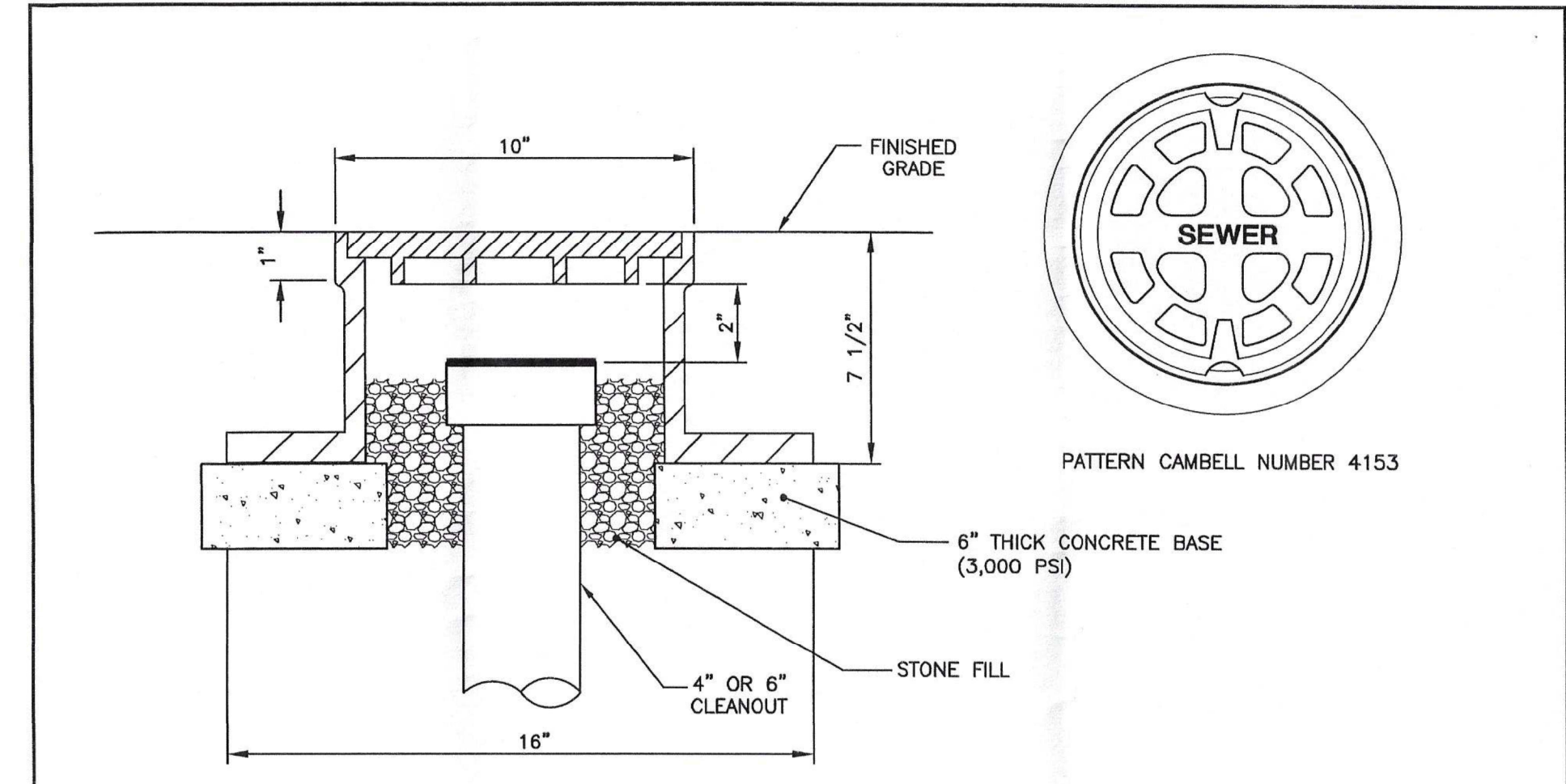
4\"/>

NOT TO SCALE

- LATERAL AND CLEANOUT DETAIL NOTES:
- SERVICE LATERAL RECONNECTION AND CLEAN OUT SHALL ONLY BE INSTALLED IF AND WHERE DIRECTED BY BOROUGH ENGINEER.
 - THE CONTRACTOR SHALL CAREFULLY REMOVE ANY PRIVATELY OWNED OBJECTS SUCH AS FENCES, MAIL BOXES, ETC., PRIOR TO INSTALLING LATERAL AND SHALL REINSTALL ALL REMOVED OBJECTS AFTER THE LATERAL IS INSTALLED.
 - IF SIDEWALKS ARE DISTURBED THE CONTRACTOR SHALL PROVIDE REPLACEMENT TEMPORARY DGA SIDEWALK.
 - IF CURBING IS REMOVED BY THE CONTRACTOR, THEN THE CONTRACTOR SHALL PROVIDE TEMPORARY 6\"/>

M MOTT MACDONALD	BOROUGH OF NORTH PLAINFIELD SOMERSET COUNTY, NEW JERSEY				
	4\"/>				
3 Paragon Way Freehold, New Jersey 07728		Design A.B.	Draw D.B.	Check D.B.	Date

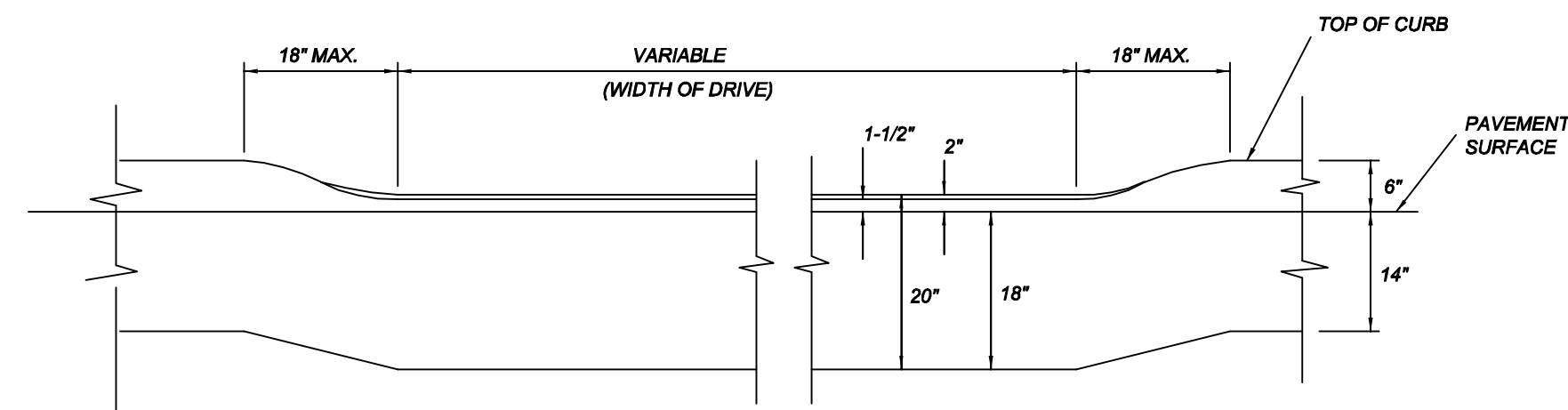
SANITARY SEWER SERVICE LATERAL CONNECTION DETAIL.DWG 04/19/2016



CLEANOUT BOX & COVER FOR 4\"/>

NOT TO SCALE

M MOTT MACDONALD	BOROUGH OF NORTH PLAINFIELD SOMERSET COUNTY, NEW JERSEY				
	SERVICE LATERAL CONNECTION BOX AND COVER DETAIL				
3 Paragon Way Freehold, New Jersey 07728		Design A.B.	Draw D.B.	Check D.B.	Date

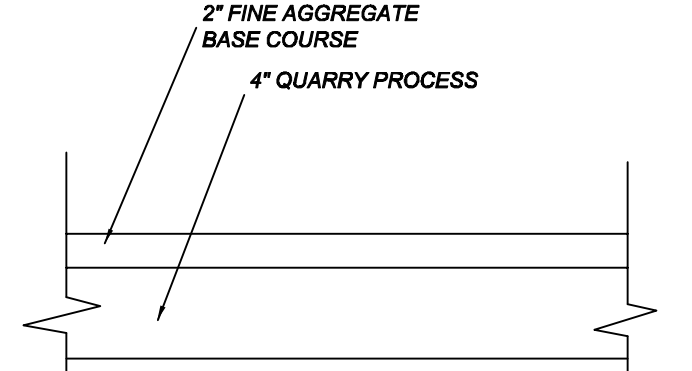


DEPRESSED SECTION

FULL SECTION

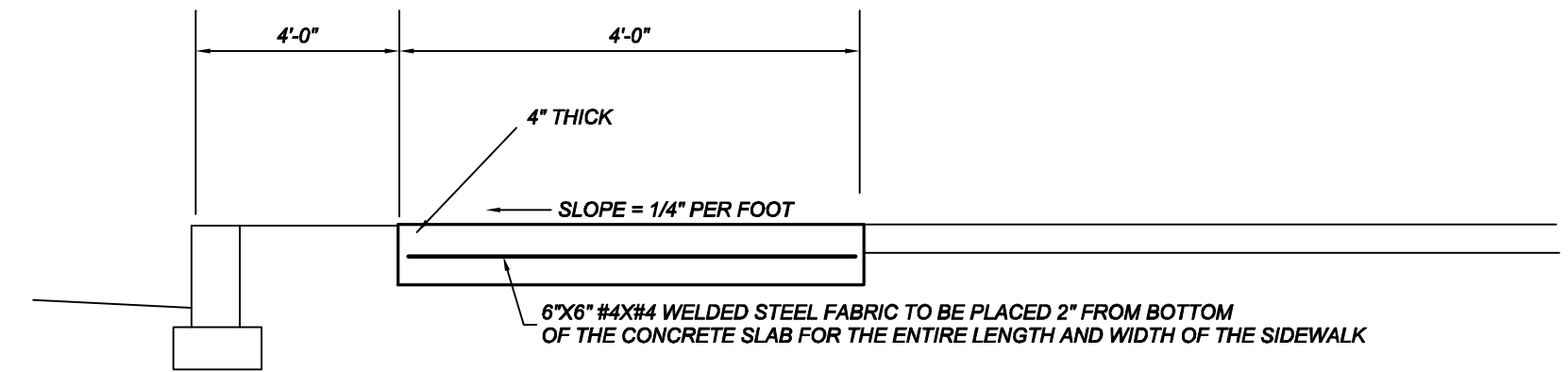
DRIVEWAY DEPRESSED CURB DETAIL

N.T.S.
CONCRETE TO TEST 4,000 PSI MINIMUM ON 28 DAY TEST.
AIR ENTRAINMENT 4% TO 7%.
SLUMP TO BE 3\"/>



DRIVEWAY PAVEMENT SECTION

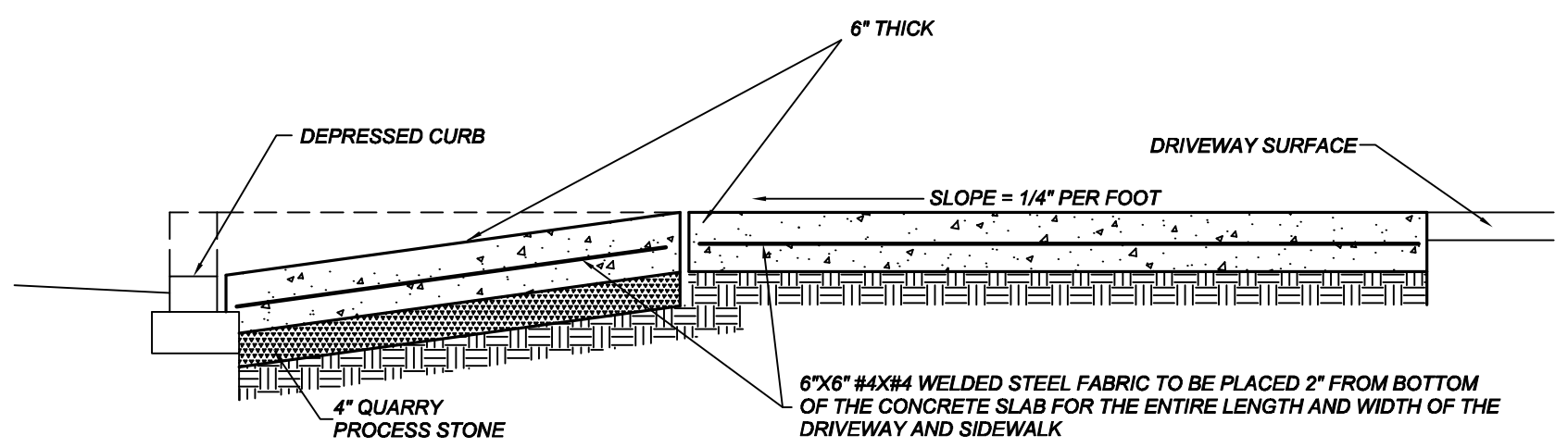
NOT TO SCALE



- NOTES:
A. CONCRETE TO BE 2,500 P.S.I. AIR ENTRAINED.
B. EXPANSION JOINTS SHALL BE AT 12\"/>

CONCRETE SIDE WALK

N.T.S.



- NOTES:
A. CONCRETE TO BE 2,500 P.S.I. AIR ENTRAINED.
B. EXPANSION JOINTS SHALL BE AT 12\"/>

CONCRETE DRIVEWAY CROSSING

N.T.S.

DETAILS

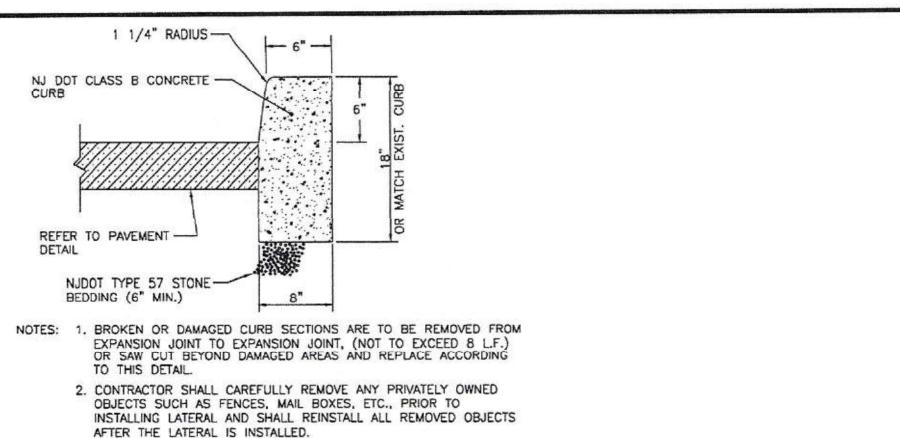
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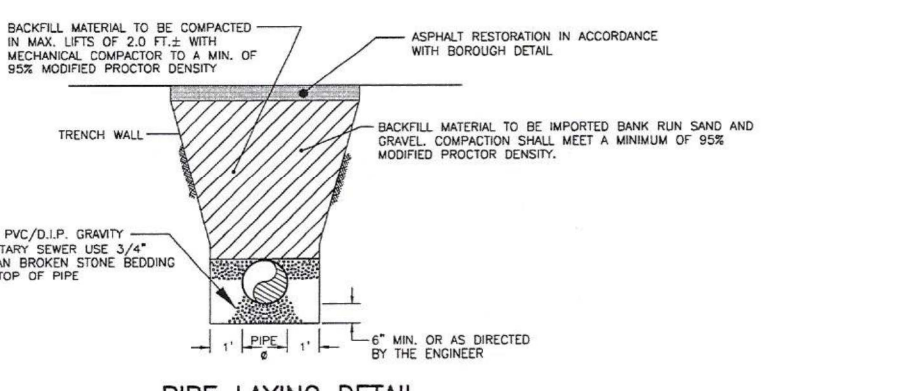
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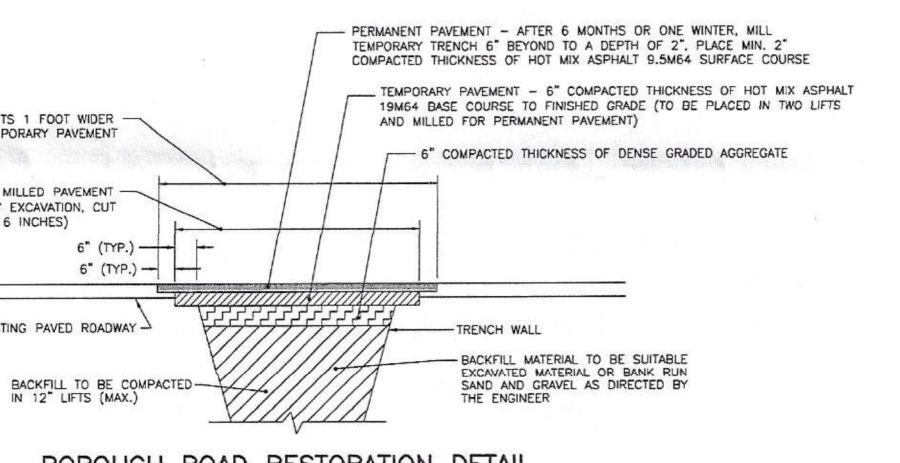
CONCRETE CURB REPLACEMENT DETAIL

NOT TO SCALE



PIPE LAYING DETAIL

NOT TO SCALE



BOROUGH ROAD RESTORATION DETAIL

NOT TO SCALE

M MOTT MACDONALD	BOROUGH OF NORTH PLAINFIELD SOMERSET COUNTY, NEW JERSEY				
	DETAILS FOR CURB REPLACEMENT, PIPE LAYING & ROAD RESTORATION				
3 Paragon Way Freehold, New Jersey 07728		Design A.B.	Draw D.B.	Check D.B.	Date