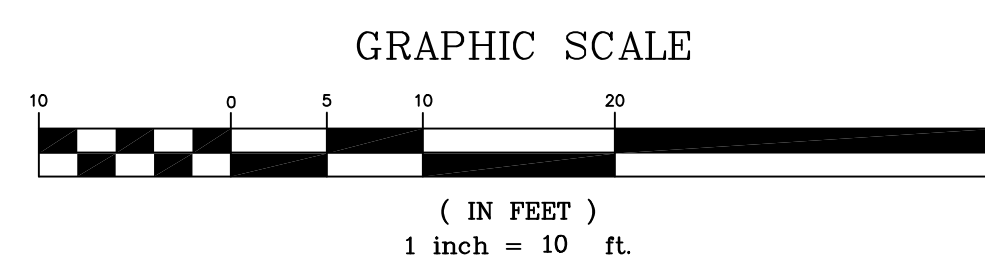


SCALE: 1" = 10'


	EXISTING CONDITION	
EVENT	PEAK RUNOFF TO CENTRAL AVE GUTTER	
	SCS (CFS)	DELMARVA (CFS)
WTR QUAL	0.18	0.15
2 YR	0.22	0.21
10 YR	0.35	0.33
100 YR	0.55	0.52

REFERENCE PLAN
EXISTING CONDITIONS SURVEY
LOT 34 BLOCK 3701
JERSEY CITY, HUDSON COUNTY, NJ
BY: DMC ASSOCIATES, INC
ROBERT CIGOL, PLS
DATED : 07/12/21



2.			DCP
1.			DCP
REV.	DESCRIPTION	DATE	BY

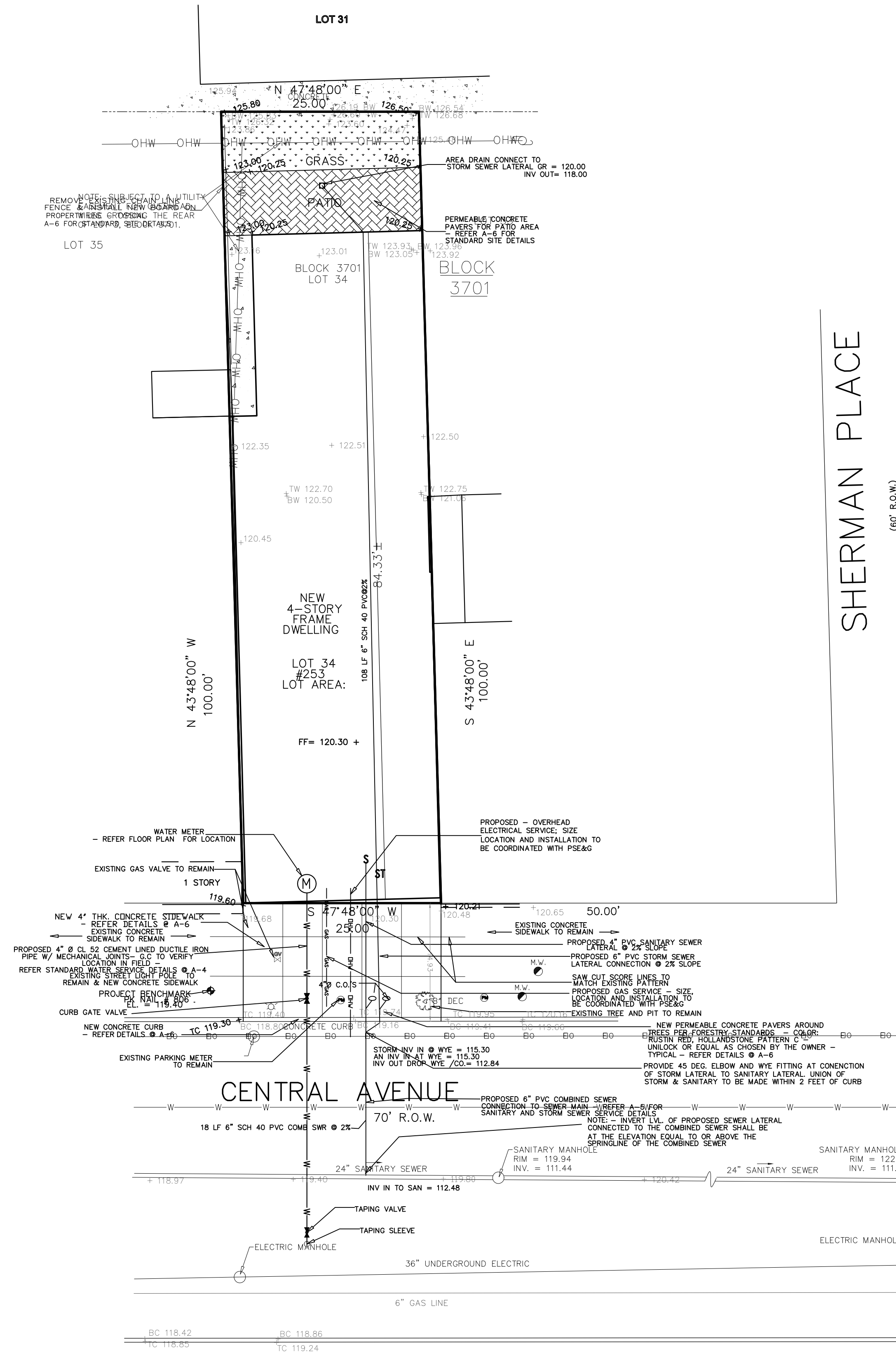
DOUGLAS C. PELIKAN, PE
CIVIL & ARCHITECTURAL ENGINEERING
1701 Pennington Rd. - Ewing, NJ 08618
Phone: (609) 865-1596
Email: dcpelikan@verizon.net


FEB 25, 2021
DATE SIGNED
DOUGLAS C. PELIKAN
N.J. LIC. PROFESSIONAL ENGINEER - GE27632

EXISTING CONDITIONS PLAN
2 STORY RESIDENTIAL

253 CENTRAL AVENUE
LOT 34 - BLOCK 3701
situate in
JERSEY CITY

HUDSON COUNTY		NEW JERSEY	
SCALE: 1" = 10'		FEB 25, 2022	
DRAWN BY:	PROJECT NO.	DRAWING FILE:	SHEET NO.
DCP			1




SUMMARY OF FLOWS				
	EXISTING CONDITION		PROPOSED CONDITION	
EVENT	PEAK RUNOFF TO CENTRAL AVE GUTTER		PEAK RUNOFF TO CENTRAL AVE SEWER	
	SCS (CFS)	DELMARVA (CFS)	SCS (CFS)	DELMARVA (CFS)
WTR QUAL	0.18	0.15	0.15	0.15
2 YR	0.22	0.21	0.19	0.18
10 YR	0.35	0.33	0.31	0.29
100 YR	0.55	0.52	0.51	0.48

REFERENCE PLAN
EXISTING CONDITIONS SURVEY
LOT 34 BLOCK 3701
JERSEY CITY, HUDSON COUNTY, NJ
BY: DMC ASSOCIATES, INC
ROBERT CIGOL, PLS
DATED : 07/12/21

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REV.	DESCRIPTION	DATE	BY

DOUGLAS C. PELIKAN, PE
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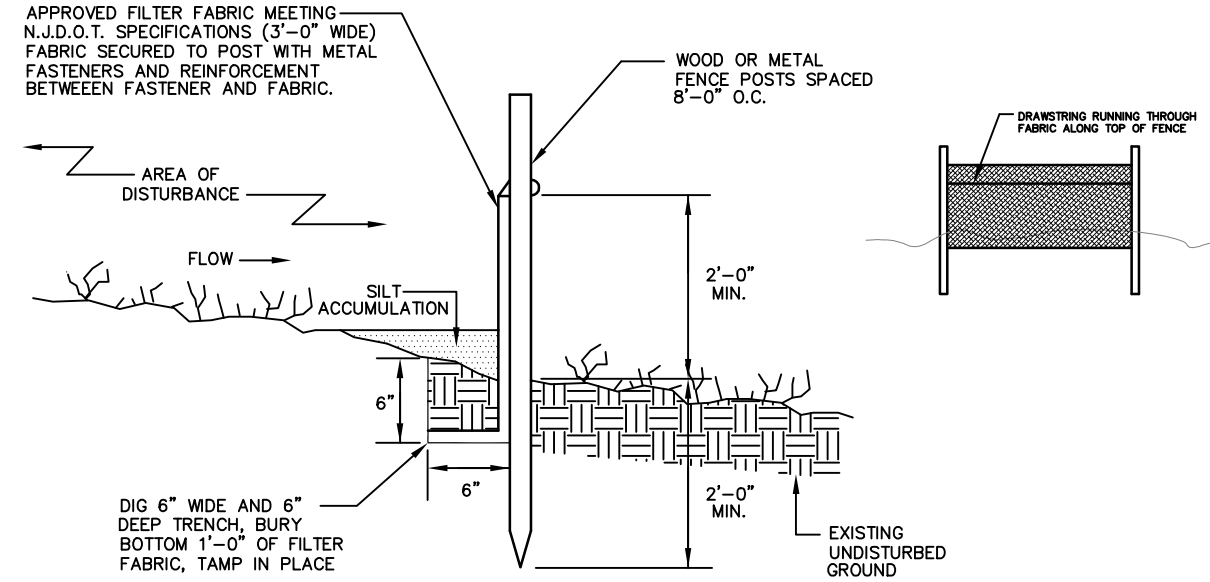

FEB 25, 2021
DATE SIGNED
DOUGLAS C. PELIKAN
N.J. LIC. PROFESSIONAL ENGINEER - GE27632

GRADING & DRAINAGE PLAN

4 STORY RESIDENTIAL

253 CENTRAL AVENUE
LOT 34 - BLOCK 3701
situate in
JERSEY CITY

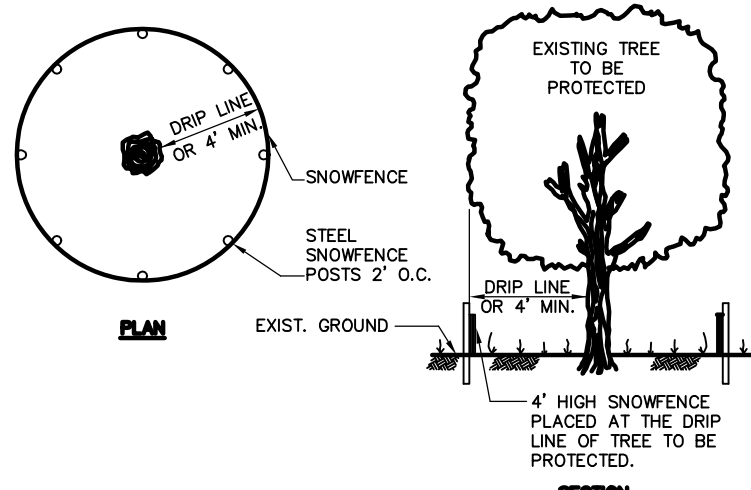
HUDSON COUNTY		NEW JERSEY	
SCALE: 1" = 10'		FEB 25, 202	
DRAWN BY:	PROJECT NO.	DRAWING FILE:	SHEET N
DCP			2



- NOTES:**
1. PLACE SILT FENCE AT LOCATIONS AS SHOWN ON THE SOIL EROSION AND SEDIMENT CONTROL PLAN.
 2. THE SLOPE OF THE LAND FOR AT LEAST 30 FEET ADJACENT TO ANY SILT FENCE SHALL NOT EXCEED 5%.
 3. SILT FENCE SHALL BE INSTALLED SO WATER CANNOT BYPASS THE FENCE AROUND ITS ENDS.
 4. INSPECTION SHALL BE FREQUENT AND REPAIR OR REPLACEMENT SHALL BE MADE AS PROMPTLY AS POSSIBLE.
 5. SILT FENCE SHALL REMAIN IN PLACE FOR THE DURATION OF THE PROJECT UNLESS OTHERWISE INSTRUCTED BY THE TOWNSHIP ENGINEER.

SILT FENCE DETAIL

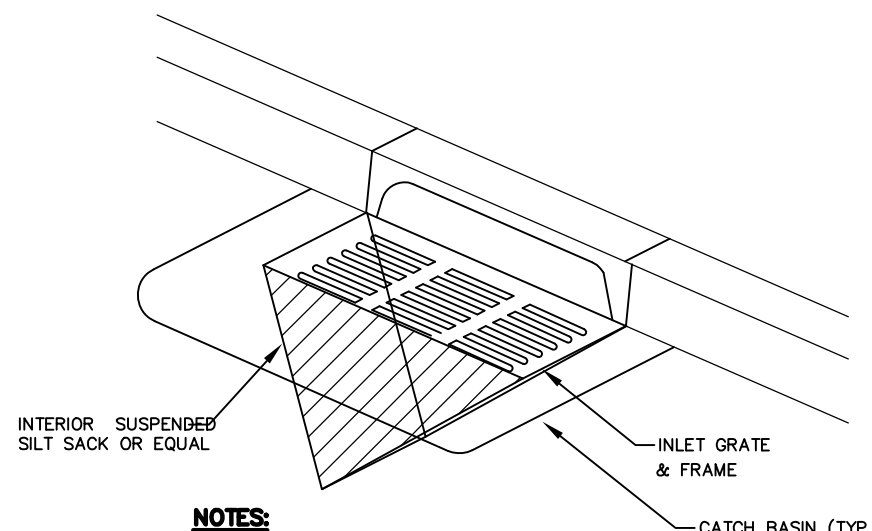
N.T.S.



- NOTES:**
1. TREE PROTECTION SHALL BE PROVIDED FOR ANY AND ALL TREES TO BE PRESERVED DURING AND AFTER CONSTRUCTION.
 2. 4" HIGH SNOWFENCE SHALL BE PLACED AT THE DRIP LINE OF THE TREE AND ENIRCLE THE ENTIRE TREE.
 3. BOARDS SHALL NOT BE NAILED TO TREES DURING CONSTRUCTION.
 4. ROOTS SHALL NOT BE DISTURBED IN AN AREA INSIDE THE DRIP LINE OF THE TREE BRANCHES.
 5. DAMAGED ROOTS SHALL BE CLEANLY CUT (IF SEVERED) AND BACKFILLED IMMEDIATELY TO PREVENT DRYING.
 6. TREE LIMB REMOVAL, WHERE NECESSARY, WILL BE DONE FLUSH WITH BRANCH COLLAR AND BE PERFORMED UNDER THE IMMEDIATE SUPERVISION OF A LICENSED NURSERYMAN.

TREE PROTECTION DETAIL

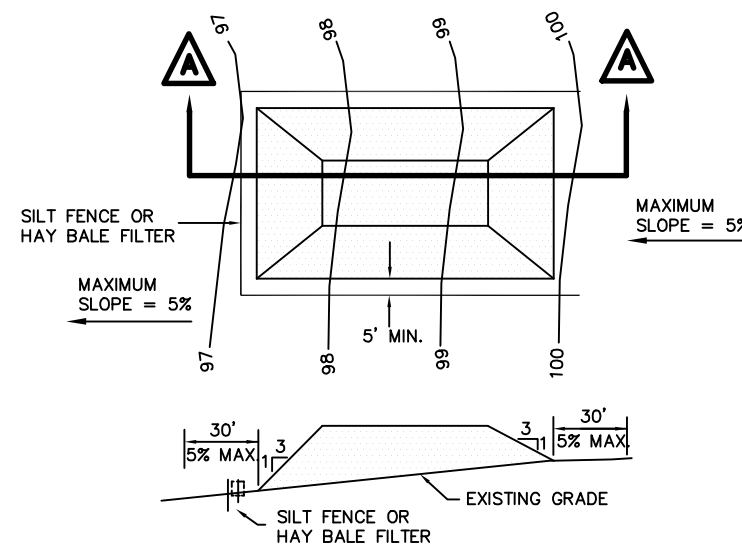
N.T.S.



- NOTES:**
1. SILT TO BE REMOVED FROM AROUND INLET PERIODICALLY THROUGHOUT CONSTRUCTION
 2. SILT TO BE REMOVED FROM SILT SACK PERIODICALLY THROUGHOUT CONSTRUCTION

INLET PROTECTION DETAIL

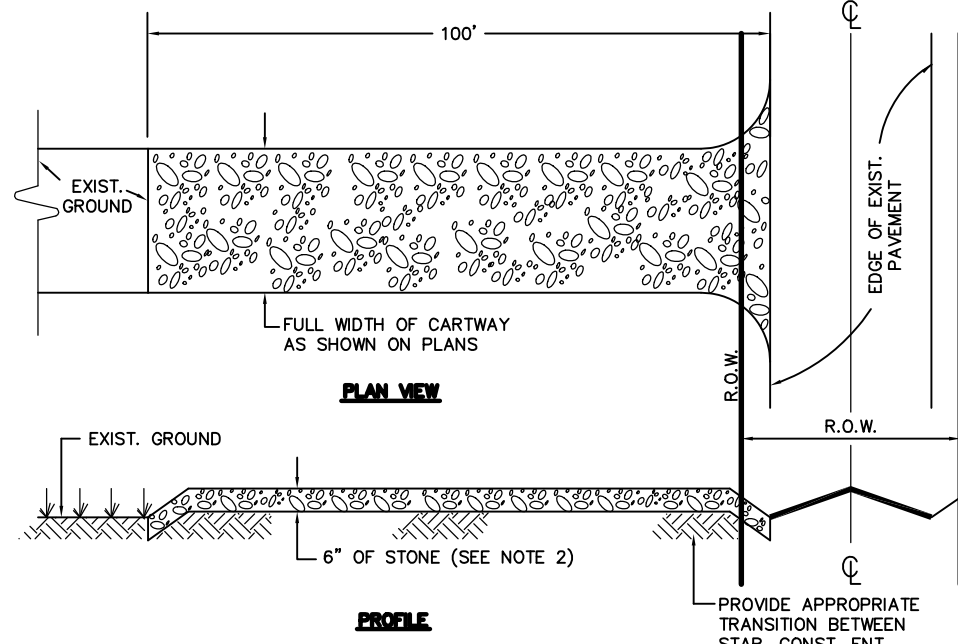
N.T.S.



- NOTES:**
1. PLACE STOCKPILES AT LOCATIONS AS SHOWN ON THE SOIL EROSION AND SEDIMENT CONTROL PLAN.
 2. ALL SIDE SLOPES SHALL BE 3 TO 1 OR FLATTER.
 3. STOCKPILE SHALL RECEIVE A VEGETATIVE COVER IN ACCORDANCE WITH MINIMUM STABILIZATION REQUIREMENTS.
 4. SILT FENCE OR HAY BALE FILTER SHALL BE INSTALLED AS DETAILED HEREON.

TOPSOIL STOCKPILE DETAIL

N.T.S.

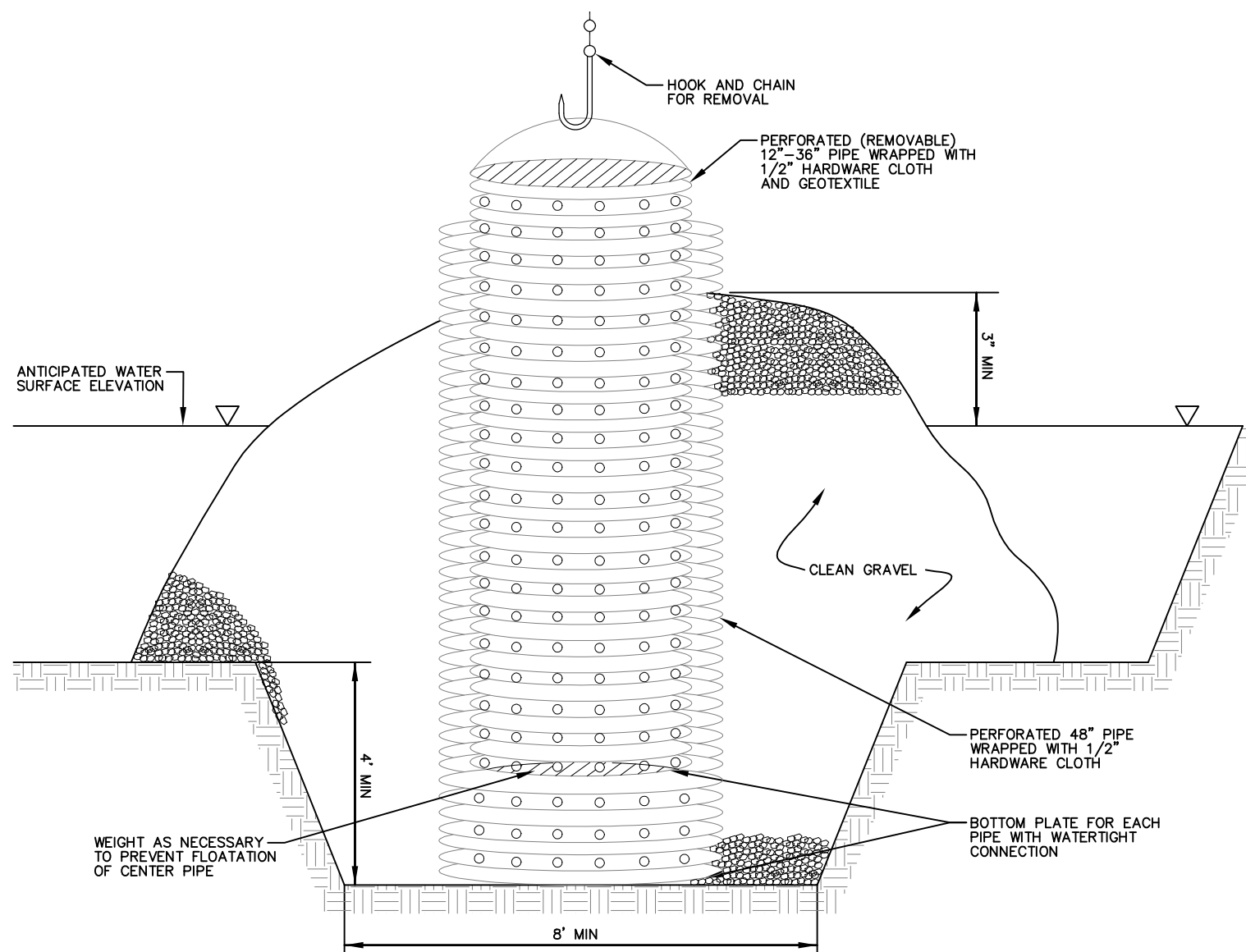


- NOTES:**
1. PLACE STABILIZED CONSTRUCTION ENTRANCE AT LOCATION(S) AS SHOWN ON THE SOIL EROSION AND SEDIMENT CONTROL PLAN.
 2. STONE SIZE SHALL BE ASTM C-33, SIZE NO. 2 OR 3, CRUSHED STONE.
 3. THE THICKNESS OF THE STAB. CONST. ENT. SHALL NOT BE LESS THAN 6".
 4. THE WIDTH AT THE EXIST. PAVEMENT SHALL NOT BE LESS THAN THE FULL WIDTH OF POINTS OF INGRESS AND EGRESS.
 5. THE STAB. CONST. ENT. SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO THE R.O.W./PAVEMENT. THIS REQUIRES PERIODIC TOP DRESSING WITH ADDITIONAL STONE OR ADDITIONAL LENGTH AS CONDITIONS DEMAND AND REPAIR AND/OR CLEANOUT OF ANY MEASURE USED TO TRAP SEDIMENT.
 6. ALL SEDIMENT SPILLED, DROPPED, WASHED, OR TRACKED ONTO THE PUBLIC ROADWAY MUST BE REMOVED IMMEDIATELY.

STABILIZED CONSTRUCTION ENTRANCE DETAIL

N.T.S.

NOTE: SIZE MAY VARY UPON LOCAL CONDITIONS , SEE PLAN



DEWATERING DETAIL

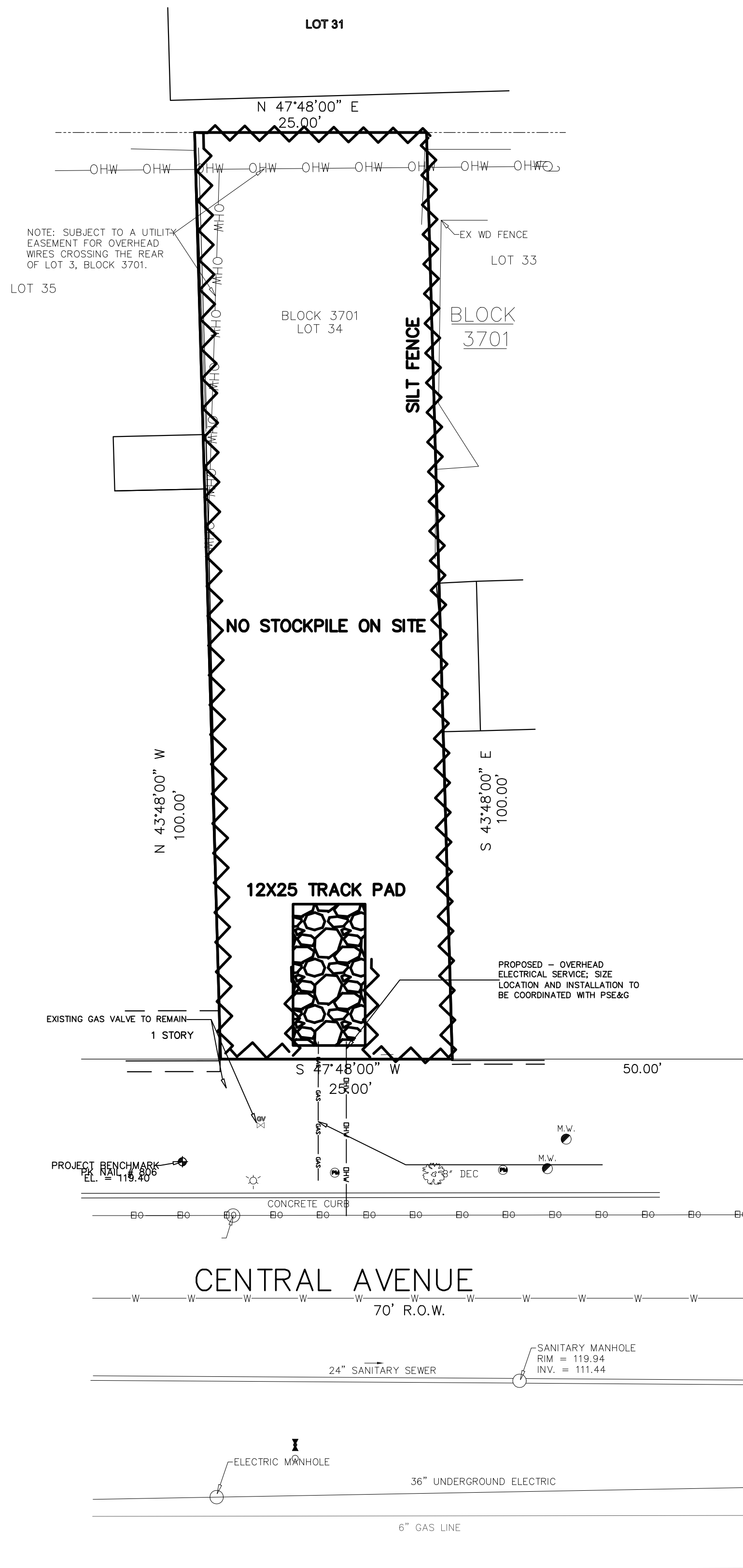
N.T.S.

CONSTRUCTION SCHEDULE LOT 10

- BEGIN CONSTRUCTION SPRING 2022
1. INSTALL TRACKING PAD; 1 WK
 2. INSTALL SILT FENCE; 1 WK
 3. DEMO EXISTING BUILDINGS; 1 WK
 4. GENERAL CONSTRUCTION OF BUILDING AND GROUNDS; 8 MO
 5. SOIL COMPACTION TESTING (N/A)
 6. APPLICATION OF 5" TOPSOIL; 1 WK (N/A)
 7. SEED AND STABILIZE; 1 WK (N/A)
 8. REMOVE EROSION CONTROL MEASURES 1 WK

AREA OF DISTURBANCE

2,500 SQ FT, 0.06 AC



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DOUGLAS C. PELIKAN
N.J. LIC. PROFESSIONAL ENGINEER - GE27632

FEB 25, 2022
DATE SIGNED

SOIL EROSION PLAN

4 STORY RESIDENTIAL

253 CENTRAL AVENUE
LOT 34 - BLOCK 3701
situate in
JERSEY CITY

HUDSON COUNTY NEW JERSEY
SCALE: 1" = 10' FEB 25, 2022

DRAWN BY: PROJECT NO. DRAWING FILE: SHEET NO.

REV.	DESCRIPTION	DATE	BY
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