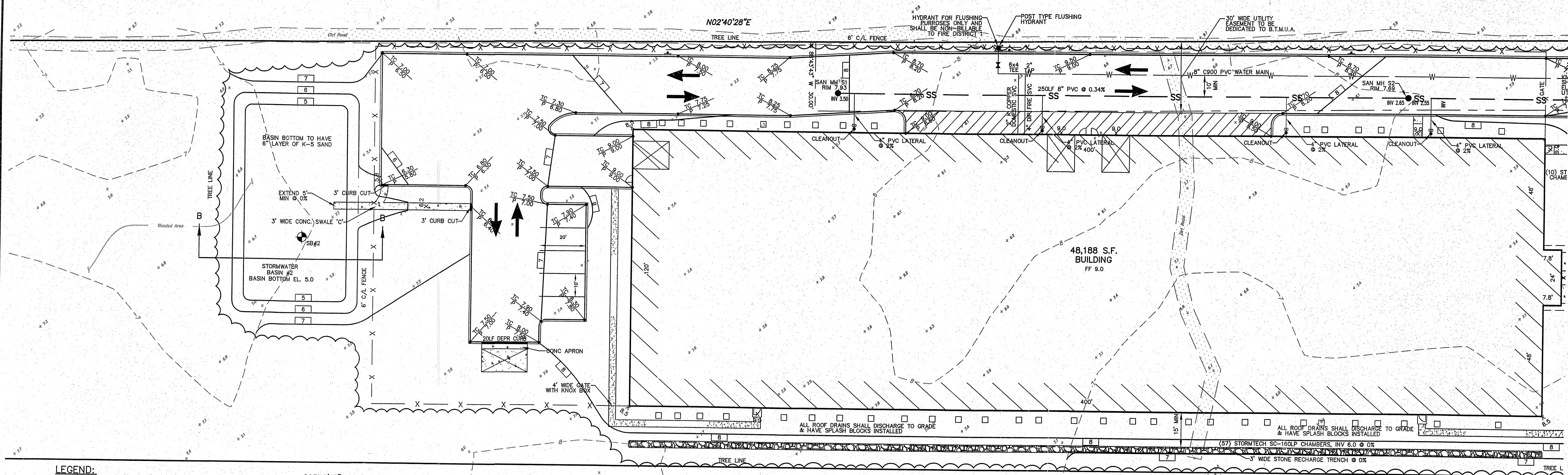
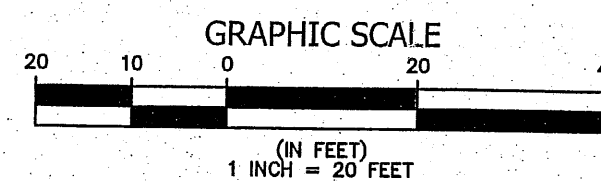




LEGEND:

- 47 — EXISTING CONTOUR
- 48 — PROPOSED CONTOUR
- 123.45 EXISTING SPOT GRADE
- 123.45 PROPOSED SPOT GRADE
- EXISTING INLET
- PROPOSED INLET
- EXISTING FIRE HYDRANT
- PROPOSED FIRE HYDRANT
- EXISTING M.H.
- PROPOSED M.H.
- EXISTING UTILITY POLE
- PROPOSED UTILITY POLE
- SOIL BORING LOCATION
- EXISTING VALVE
- PROPOSED VALVE
- EXISTING WOODS LINE
- PROPOSED WOODS LINE
- TOB TOP OF BLOCK



NOTES:

- NO SANITARY SEWER LATERAL CLEAN-OUTS AND/OR WATER SERVICE LINE CURB VALVES/CURB BOXES WILL BE INSTALLED IN THE DRIVEWAY APRONS OR WALKWAYS. IF DURING CONSTRUCTION, ANY SEWER CLEAN-OUTS OR CURB BOXES ARE FOUND LOCATED IN THE DRIVEWAY APRONS OR WALKWAYS, THEY WILL BE REQUIRED TO BE RELOCATED BY THE DEVELOPER/OWNER AT THEIR COSTS.
- ANY WORK WHICH IS TO BE DONE WITHIN ADAMSTON ROAD WILL REQUIRE THAT THE APPROPRIATE OCEAN COUNTY ROAD OPENING PERMIT/PERMITS BE OBTAINED BY THE CONTRACTOR WORKING FOR THE APPLICANT.

THIS IS TO CERTIFY THAT THE WATER AND SEWER DESIGN CONFORMS WITH THE RULES AND REGULATIONS OF THE BRICK TOWNSHIP MUNICIPAL UTILITIES AUTHORITY.

STEPHEN T. SPECHT, P.E.
DIRECTOR OF ENGINEERING MUA # _____ DATE _____

THE SITE FOR WHICH PRELIMINARY & FINAL MAJOR SITE PLAN APPROVAL WAS GRANTED BY THE BRICK TOWNSHIP PLANNING BOARD AS MEMORIALIZED BY RESOLUTION # _____ DATED _____ SHALL BE MAINTAINED AS ORIGINALLY APPROVED.

APPROVED AS A PRELIMINARY & FINAL MAJOR SITE PLAN BY THE BRICK TOWNSHIP PLANNING BOARD: (CASE NO. _____)

CHAIRMAN _____ DATE _____

SECRETARY _____ DATE _____

ENGINEER _____ DATE _____

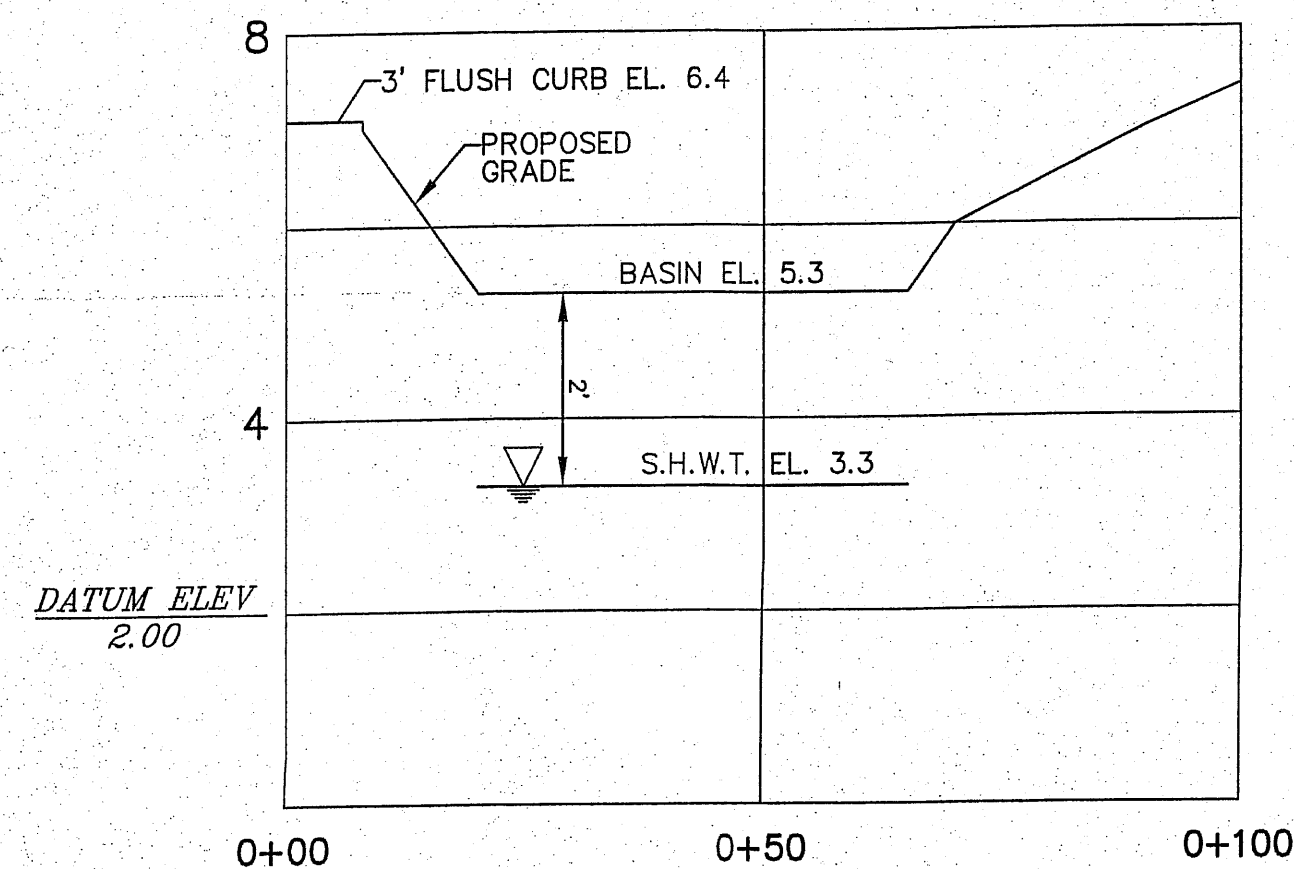
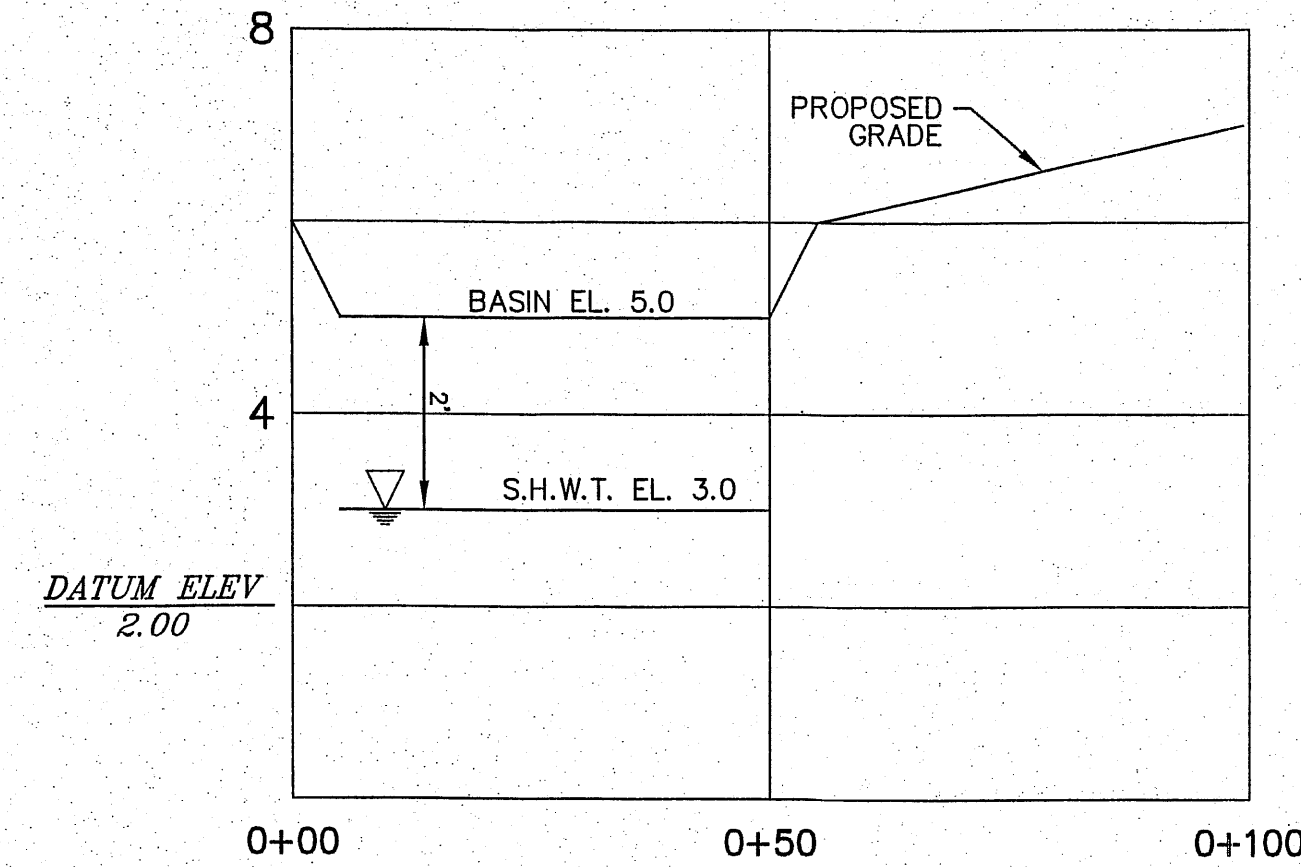
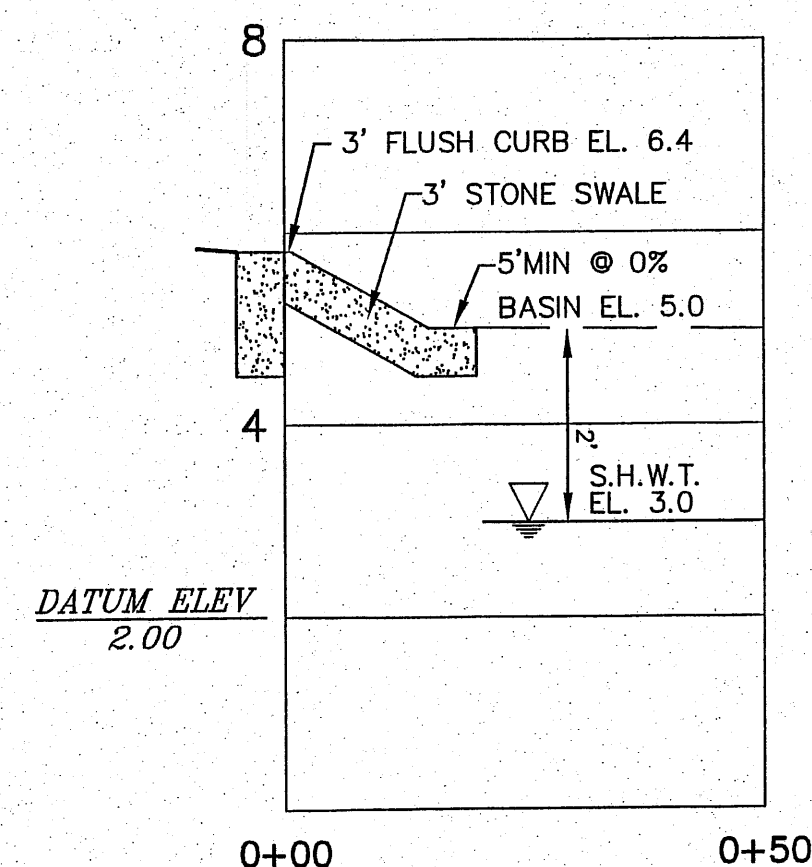
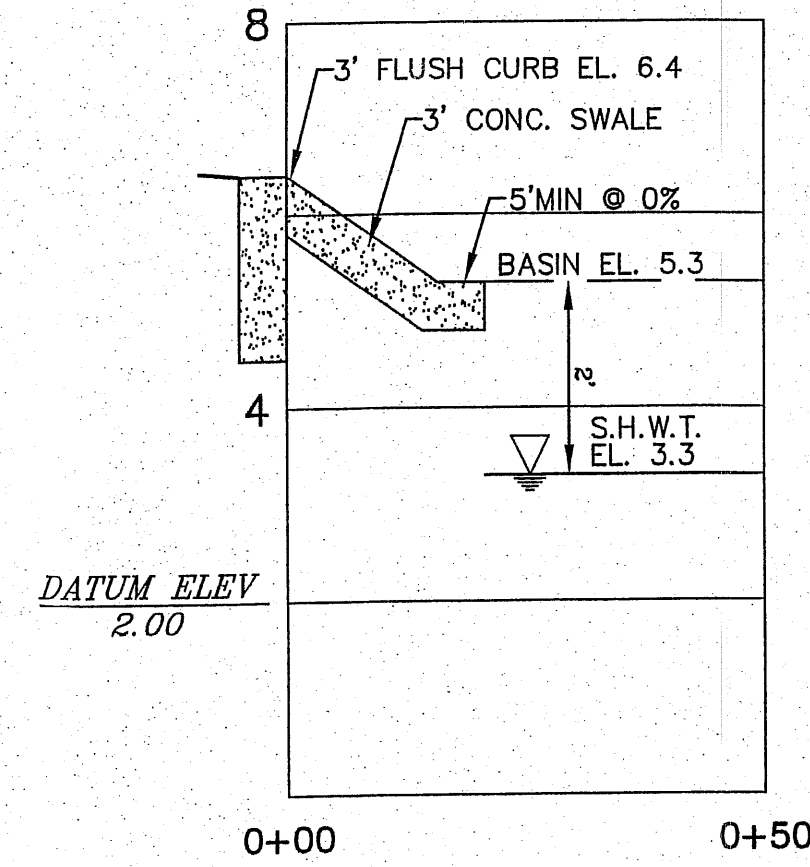
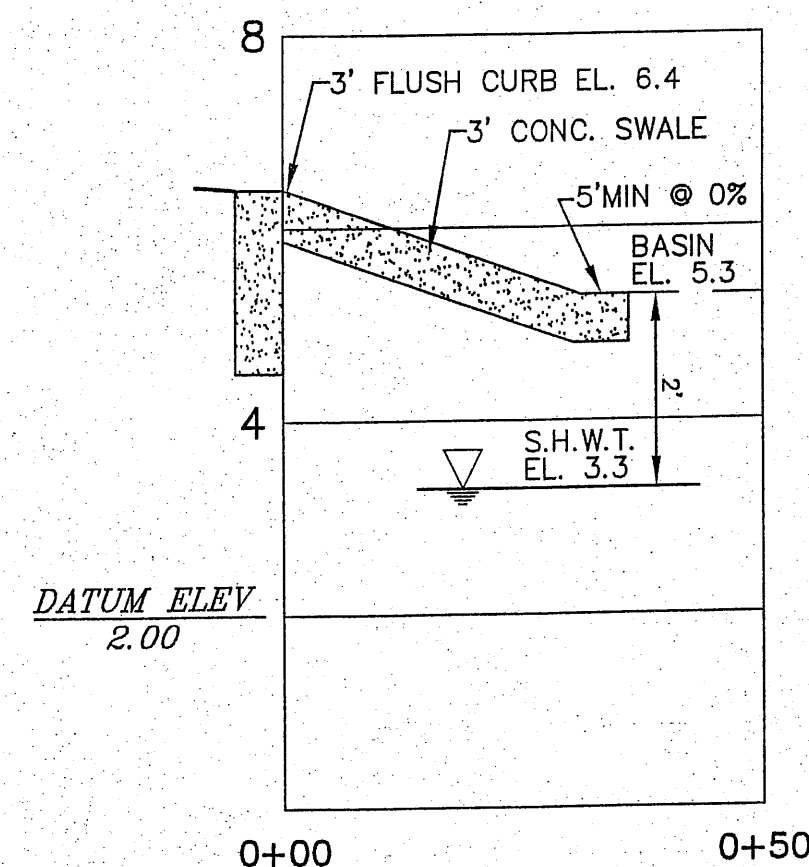
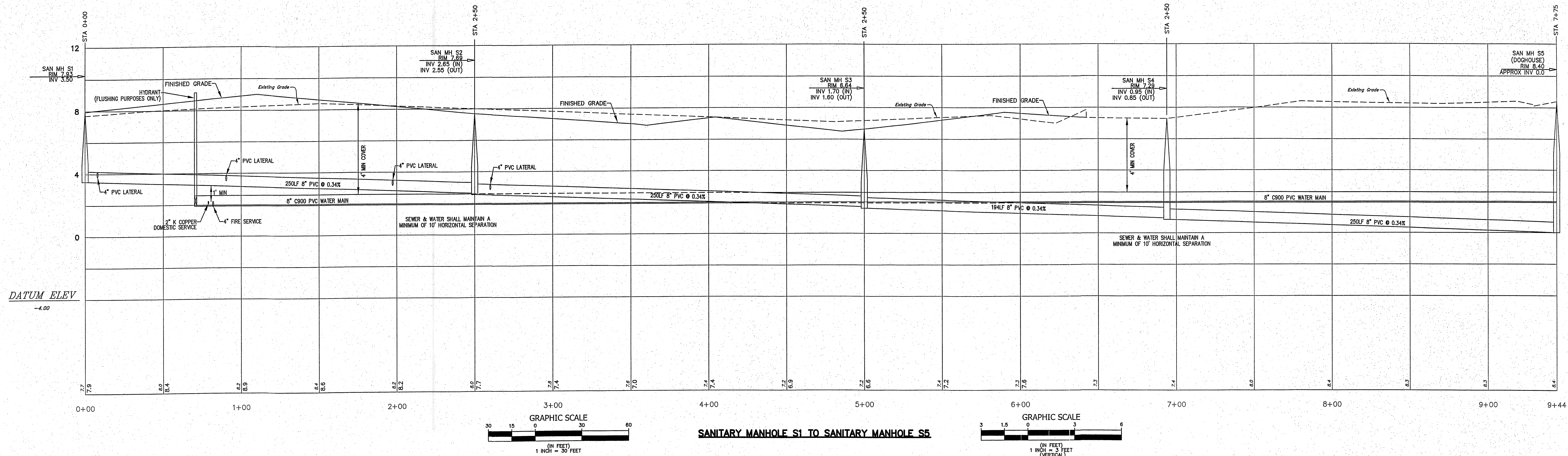
2	3/06/19	REVISED PER VARIOUS REVIEW LETTERS & GENERAL REVISIONS	KJW
1	10/2/18	REVISED PER TWP FIRE SAFETY 8/23/18, TWP PLANNING 9/5/18, OCSO 8/28/18	JSM
NO.	DATE	REVISION DESCRIPTION	BY

Lindstrom, Diessner & Carr, P.C.
ENGINEERING ♦ SURVEYING ♦ PLANNING
136 Drum Point Road • Suite 6 • Brick, NJ 08723 • Tel: (732) 477-8900 • Fax: (732) 477-8026 • Info@LDCpc.com

PRELIMINARY & FINAL MAJOR SITE PLAN GRADING & UTILITIES PLAN 2
385 ADAMSTON
LOT 11.01 BLOCK 195
TOWNSHIP OF BRICK OCEAN COUNTY NEW JERSEY

JEFFREY J. CARR
PROFESSIONAL ENGINEER N.J. LIC. NO. 24602815800
PROFESSIONAL PLANNER N.J. LIC. NO. 33100276400

DRAWN BY: JSM SCALE: 1"=20' DATE: 8/8/2018 SHEET: 7 OF 13 PROJECT: 18001



THIS IS TO CERTIFY THAT THE WATER AND SEWER DESIGN CONFORMS WITH THE RULES AND REGULATIONS OF THE BRICK TOWNSHIP MUNICIPAL UTILITIES AUTHORITY.

STEPHEN T. SPECHT, P.E.
DIRECTOR OF ENGINEERING

THE SITE FOR WHICH PRELIMINARY & FINAL MAJOR SITE PLAN APPROVAL WAS GRANTED BY THE BRICK TOWNSHIP PLANNING BOARD AS MEMORIALIZED BY RESOLUTION # DATED SHALL BE MAINTAINED AS ORIGINALLY APPROVED.

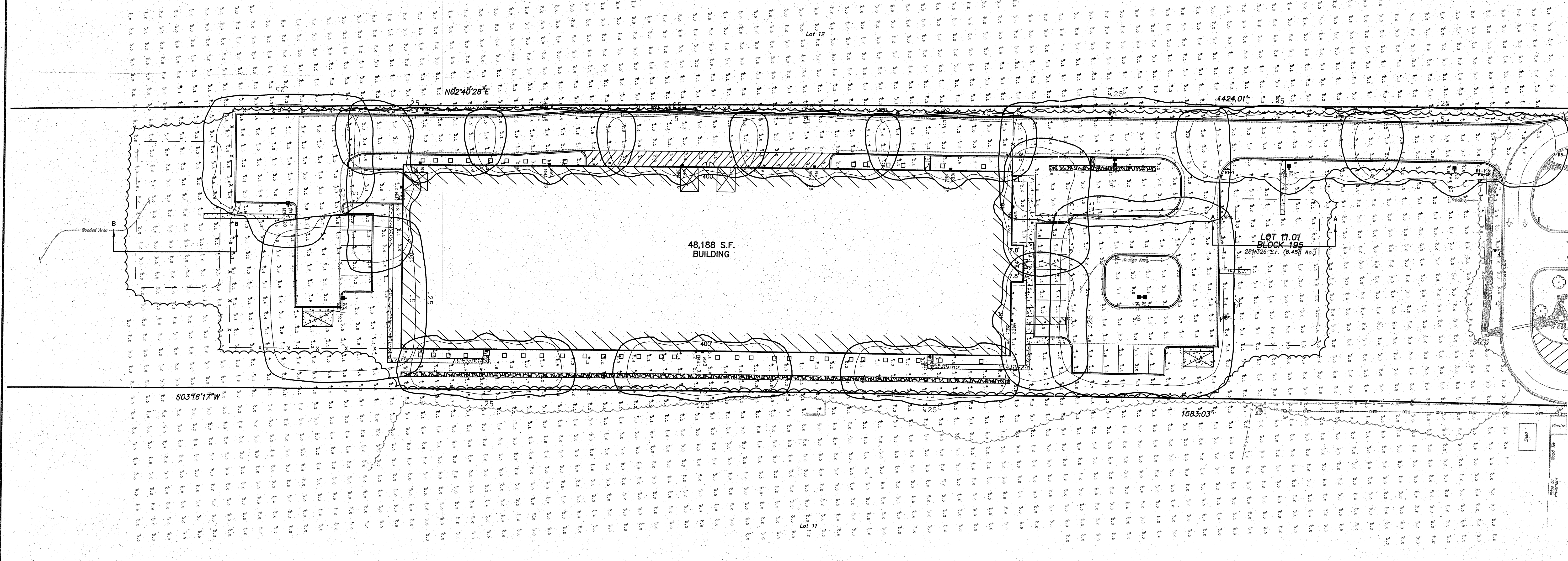
APPROVED AS A PRELIMINARY & FINAL MAJOR SITE PLAN BY THE BRICK TOWNSHIP PLANNING BOARD: (CASE NO.)

CHAIRMAN

SECRETARY

ENGINEER

1	3/06/19	REVISED PER VARIOUS REVIEW LETTERS & GENERAL REVISIONS	KJW
NO.	DATE	REVISION DESCRIPTION	BY
Lindstrom, Diessner & Carr, P.C. ENGINEERING ♦ SURVEYING ♦ PLANNING 136 Drum Point Road • Suite 6 • Brick, NJ 08723 • Tel: (732) 477-8900 • Fax: (732) 477-8026 • Info@LDCpc.com			
PRELIMINARY & FINAL MAJOR SITE PLAN PROFILES 385 ADAMSTON LOT 11.01 BLOCK 195 TOWNSHIP OF BRICK OCEAN COUNTY NEW JERSEY			
JEFFREY J. CARR PROFESSIONAL ENGINEER N.J. LIC. NO. 740202815900 PROFESSIONAL PLANNER N.J. LIC. NO. 33100276400			
DRAWN BY:	SCALE:	DATE:	SHEET:
JSM	AS NOTED	8/8/2018	8 OF 13
PROJECT:			18001



THIS PLAN TO BE USED FOR LIGHTING PURPOSES ONLY

DESCRIPTION
The Impact Elite family of wall luminaires is the ideal complement to site design. Incorporating modular LightSquares technology, the Impact Elite luminaire provides outstanding uniformity and energy-conscious illumination. Combined with a rugged construction, the Impact Elite luminaire is the ideal facade and security luminaire for areas surrounding schools, office complexes, apartments and recreational facilities. UL924 Listed for wet locations.

McGraw-Edison

Catalog #	see below	Type	WP
Project	385 Adamston Rd	WP	
Comments		Date	
Prepared by	Andy Childers		

McGraw-Edison

ISC/ISS/IST/ISW
IMPACT ELITE LED

1 Light Square
Solid State LED

NOTE: LIGHTING DESIGN PREPARED BY
ENTERPRISE LIGHTING SALES
1400 ROUTE 1 NORTH, SUITE 304
WOODBURGE, NJ
732-624-2025

WALL MOUNT LUMINAIRE

Luminaire Schedule		Arrangement		Description		Mount Ht.	Lum. Watts	Lum. Lumens	LLF
A1	SINGLE	MCGRW	#GLEON-AP-02-LED-B1-T4FT	20'	113	12252	1,000		
A2	SINGLE	MCGRW	#GLEON-AP-02-LED-B1-SL2	20'	113	11931	1,000		
A3	SINGLE	MCGRW	#GLEON-AP-02-LED-B1-5MQ	20'	113	12794	1,000		
A4	BACK-BACK	MCGRW	#GLEON-AP-02-LED-B1-SL2	20'	113	11931	1,000		
A5	BACK-BACK	MCGRW	#GLEON-AP-02-LED-B1-T4W	20'	113	12094	1,000		
WP1	SINGLE	MCGRW	#1ST-AP-1200-LED-B1-SL3	18'	66	6523	1,000		
WP2	SINGLE	MCGRW	#1ST-AP-800-LED-B1-SL4	18'	43.5	4561	1,000		
WP3	SINGLE	MCGRW	#1ST-AP-800-LED-B1-SL2 + MS-DIM-L20	18'	43.5	4948	1,000		

Calculation Summary		CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min
Area	Illuminance	Fc		0.55	9.7	0.0	N/A	N/A
Front Lot	Illuminance	Fc		2.07	6.0	0.8	2.59	7.50
New Driveway	Illuminance	Fc		2.21	5.6	0.6	3.68	9.33
Rear Lot	Illuminance	Fc		1.78	3.5	0.6	2.97	5.83
Rear Sidewalk	Illuminance	Fc		2.98	5.2	1.6	1.86	3.25

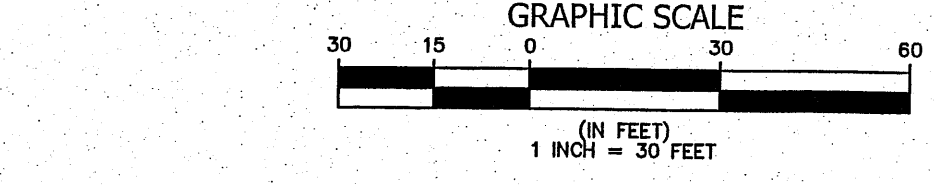
McGraw-Edison

ISC/ISS/IST/ISW
IMPACT ELITE LED

1 Light Square
Solid State LED

NOTE: LIGHTING DESIGN PREPARED BY
ENTERPRISE LIGHTING SALES
1400 ROUTE 1 NORTH, SUITE 304
WOODBURGE, NJ
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A4	BACK-BACK	MCGRW	#GLEON-AP-02-LED-B1-SL2	20'	113	11931	1,000		
A5	BACK-BACK	MCGRW	#GLEON-AP-02-LED-B1-T4W	20'	113	12094	1,000		
WP1	SINGLE	MCGRW	#1ST-AP-1200-LED-B1-SL3	18'	66	6523	1,000		
WP2	SINGLE	MCGRW	#1ST-AP-800-LED-B1-SL4	18'	43.5	4561	1,000		
WP3	SINGLE	MCGRW	#1ST-AP-800-LED-B1-SL2 + MS-DIM-L20	18'	43.5	4948	1,000		

Calculation Summary		CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min
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McGraw-Edison

ISC/ISS/IST/ISW
IMPACT ELITE LED

1 Light Square
Solid State LED

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McGraw-Edison

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WALL MOUNT LUMINAIRE

Lindstrom, Diessner & Carr, P.C.

ENGINEERING ♦ SURVEYING ♦ PLANNING

136 Drum Point Road • Suite 6 • Brick, NJ 08723 • Tel: (732)477-8900 • Fax: (732)477-8026 • Info@LDCpc.com

PRELIMINARY & FINAL MAJOR SITE PLAN LIGHTING PLAN

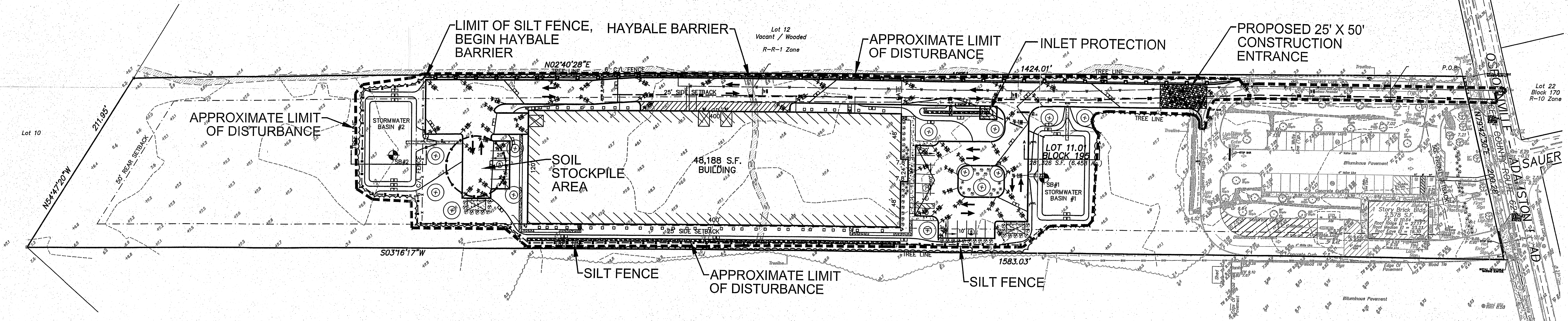
385 ADAMSTON

LOT 11.01 BLOCK 195

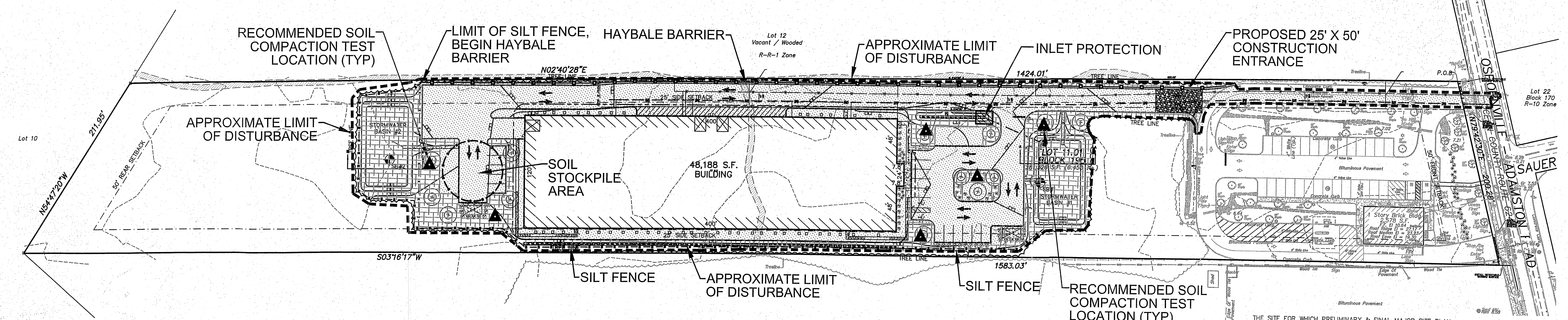
TOWNSHIP OF BRICK OCEAN COUNTY NEW JERSEY

JEFFREY J. CARR
PROFESSIONAL ENGINEER N.J. LIC. NO. 24602815800
PROFESSIONAL PLANNER N.J. LIC. NO. 33100276400

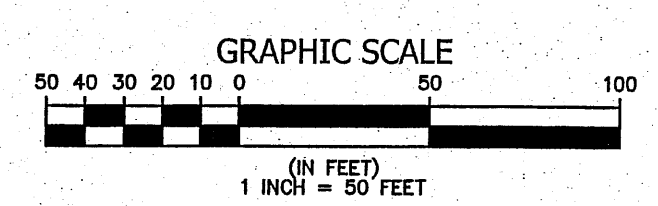
DRAWN BY: JSM **SCALE:** 1"=30' **DATE:** 8/8/2018 **SHEET:** 9 OF 13 **PROJECT:** 18001



SOIL EROSION & SEDIMENT CONTROL



SOIL COMPACTION TESTING & MITIGATION



- LEGEND
- SOIL COMPACTION TESTING AREAS (>500 S.F. CONTINUOUS WITHIN L.O.D.)
 - AREAS NOT SUBJECT TO SOIL COMPACTION MITIGATION
 - RECOMMENDED SOIL COMPACTION TEST LOCATION

- Additional Notes For Projects With Basins:
1. Basin must be properly constructed and permanently stabilized, and conduit outlet protection installed, prior to the drainage system becoming operational.
 2. The Standards For Soil Erosion And Sediment Control have specific requirements for topsoiling, the installation of sod, temporary and/or permanent vegetative cover and land grading. The text found on pages 4-1 (sec. 1b), 6-2 (sec. 2d), 7-1 (sec. 1c), 8-2 (sec. 3d) and 19-4 (second to last section) serve to help minimize soil compaction and reduce maintenance.
 3. Ownership and responsibility for the operation and maintenance of the detention structure must be determined during design and shown on plan and on the completed "Hydraulic And Hydrologic Data Base Summary Form." to be effective over a long period of time, the structure must be properly maintained.

THE SITE FOR WHICH PRELIMINARY & FINAL MAJOR SITE PLAN APPROVAL WAS GRANTED BY THE BRICK TOWNSHIP PLANNING BOARD AS MEMORIALIZED BY RESOLUTION # _____ DATED _____ SHALL BE MAINTAINED AS ORIGINALLY APPROVED.

APPROVED AS A PRELIMINARY & FINAL MAJOR SITE PLAN BY THE BRICK TOWNSHIP PLANNING BOARD: (CASE NO. _____)

CHAIRMAN _____ DATE _____

SECRETARY _____ DATE _____

ENGINEER _____ DATE _____

2	3/06/19	REVISED PER VARIOUS REVIEW LETTERS & GENERAL REVISIONS	KJW
1	10/2/18	REVISED PER TWP FIRE SAFETY 8/23/18, TWP PLANNING 9/5/18, OCSCD 8/28/18	JSM
NO.	DATE	REVISION DESCRIPTION	BY
Lindstrom, Diessner & Carr, P.C.			
ENGINEERING ♦ SURVEYING ♦ PLANNING			
138 Drum Point Road • Suite 6 • Brick, NJ 08723 • Tel: (732) 477-8900 • Fax: (732) 477-8026 • Info@LDCpc.com			
PRELIMINARY & FINAL MAJOR SITE PLAN			
SOIL EROSION & SEDIMENT CONTROL PLAN			
385 ADAMSTON			
LOT 11.01 BLOCK 195			
TOWNSHIP OF BRICK OCEAN COUNTY NEW JERSEY			
DRAWN BY:	SCALE:	DATE:	SHEET:
JSM	1"=30'	8/8/2018	10 OF 13
PROJECT:	18001		

1. The Ocean County Soil Conservation District shall be notified forty-eight (48) hours in advance of any land disturbance.
2. All work to be done in accordance with the State Standards for Soil Erosion and Sediment Control of New Jersey.
3. 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.
4. 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 Ocean County Soil Conservation District. All current State Soil Erosion and Sediment Control Plans must be submitted to the Ocean County Soil Conservation District at <http://www.state.nj.us/agriculture/divisions/soil/nrc/jrsoilnrc.html>.
5. N.J.S.A. 4:24-39 et. seq. requires that no Certificates of Occupancy be issued before there has been compliance with provisions of a certificate of occupancy. The applicant must be aware that the work done on the site must be completed prior to the issuance of a Certificate of Occupancy by the local municipality.
6. Any disturbed areas that will be left exposed more than thirty (30) days, and not subject to a permanent stabilization, must be seeded and mulched within a period of 14 days of the completion of the work. Disturbed areas that will be mulched with straw, or other similar material, at a rate of 2 to 1 1/2 tons per acre, according to State Standards for Stabilization with Mulch Only.
7. 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 1 1/2 to 2 tons per acre, according to State Standards.

1. Site Preparation
 - A. Grade as needed to permit the use of conventional equipment for seedbed preparation, seeding, mulch application, and erosion control. All grading work must be done in accordance with Standards for Land Grading, pp. 19-1.
 - B. Install needed erosion control practices or facilities such as diversion, grass stabilization, siltation stabilization measures, sediment basins, and waterways (see Erosion Control Manual).
 - C. Immediately prior to seeding, the surface should be scarified 6" to 12" where there has been soil compaction. This practice is permissible only where there is no danger to underground utilities (Cables, Irrigation Pipes, etc.).
2. Seeding
 - A. Apply granular limestone and fertilizer according to soil test recommendations as offered by Rutgers Co-operative Extension. Soil samples should be analyzed at Rutgers Cooperative Extension offices. Fertilizer shall be applied at the rate of 800 pounds per acre or 1 pound per 1,000 square feet of 10-20-10 or equivalent with 50% water soluble nitrogen. Gypsum carbonate is the equivalent and may be used if lime is not available. The amount of fertilizer applied to the soil should be determined by a laboratory test procedure measuring the ability of liming materials to neutralize soil acidity and supply calcium and magnesium to plants (figure 1).
 - B. Time and effort invested into the soil are inversely proportional to a depth of 4 inches with a disc, springtine harrow or similar implement. The final harvest operation can be based on the germination of the seeds. A more comfortable uniform seeded appearance.
 - C. Seedbed must be firm and free of traffic. If traffic has left the soil compacted, the area must be reworked in accordance with the above.
3. Seeding
 - A. Seedbed must be firm and free of traffic having a pH of 4 or less refer to Standard for Management of High Acid Producing Soils, pp. 1-1.
4. Inspect seedbed from recommendations in Table 7-2.

[illegible]

1. Basin must be properly constructed and permanently stabilized, and conduit outlet protection installed, prior to the drainage system becoming operational.

2. The Standards for Soil Erosion and Sediment Control have specific requirements for topsoiling, the installation of temporary and/or permanent vegetative cover and land grading. The text found on pages 4-1 (sec. 1b), 6-2 (sec. 2d), 7-1 (sec. 1c), 8-2 (sec. 3d) and 19-4 (second to last section) serve to help minimize soil compaction and reduce maintenance.

3. Ownership and responsibility for the operation and maintenance of the detention structure must be determined during design and shown on plan and on the completed "Hydraulic and Hydrologic Data Base Statement" Form. To be effective over a long period of time, the structure must be properly maintained. The following methods should be considered for controlling silt:

Mulches - See Standard of Stabilization with Mulches Only, pg. 5-1

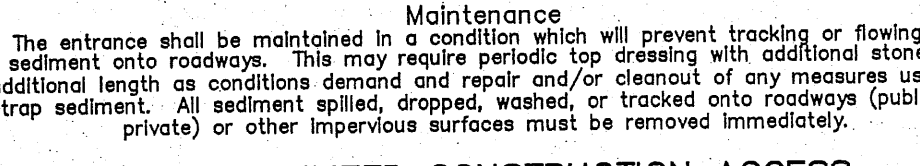
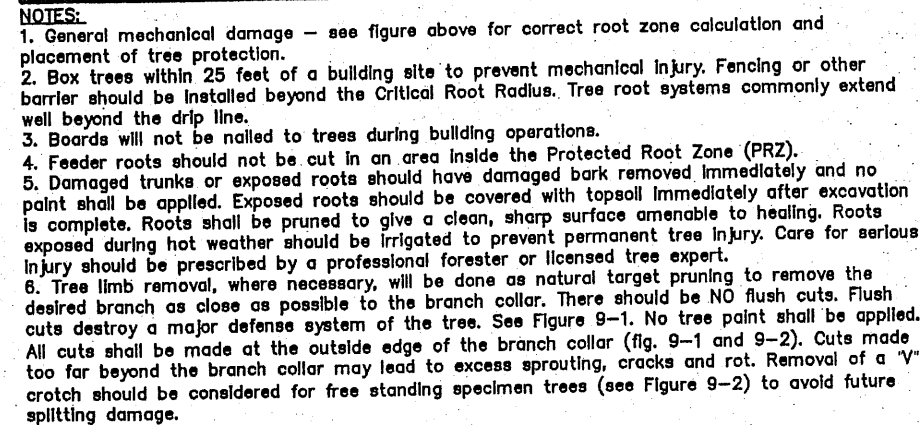
Vegetative Cover - See Standard for Temporary Vegetative Cover, pg. 7-1, Permanent Vegetative Cover for Soil Stabilization, pg. 4-1 and Permanent Stabilization with Sod, pg. 6-1

Tillage – To roughen surface and bring clods to the surface. This is the preventive emergency measure which must be started. Begin plowing on windward side of the site. Chisel-type plows spaced about 12 inches apart and spring-tipped harrows are examples of equipment which may produce the desired effect.

Sparking – Site is sprinkled until the surface is wet.

Barriers – Solid board fences, snow fences, burlap fences, crate walls, bales of hay and similar material can be used to control air currents and blowing of soil.

Catapult Chloride – Shall be in the form of loose, dry granules or flakes fine enough to feed through commonly used spreaders at a rate that will keep surface moist but not cause surface crusting. Chloride shall be stored in a steeped storage, then use other practices to prevent washing into streams or accumulation under plants. Stone – Cover surface with crushed stone or coarse gravel.

[illegible][illegible]

2" GAP BEHIND BOARDS
(SEE PROFILE)

6" WIDE 3/4" STONE
(SEE PROFILE)

30" H
FENCE POST
(SPACING 8'-0" C. TO C.)

2"x4" WOODEN BOARDS
NAILED TOGETHER

FABRIC (3'-0" WIDE) SECURED TO
POST WITH METAL FASTENERS
AND REINFORCEMENT BETWEEN
FASTENER AND FABRIC

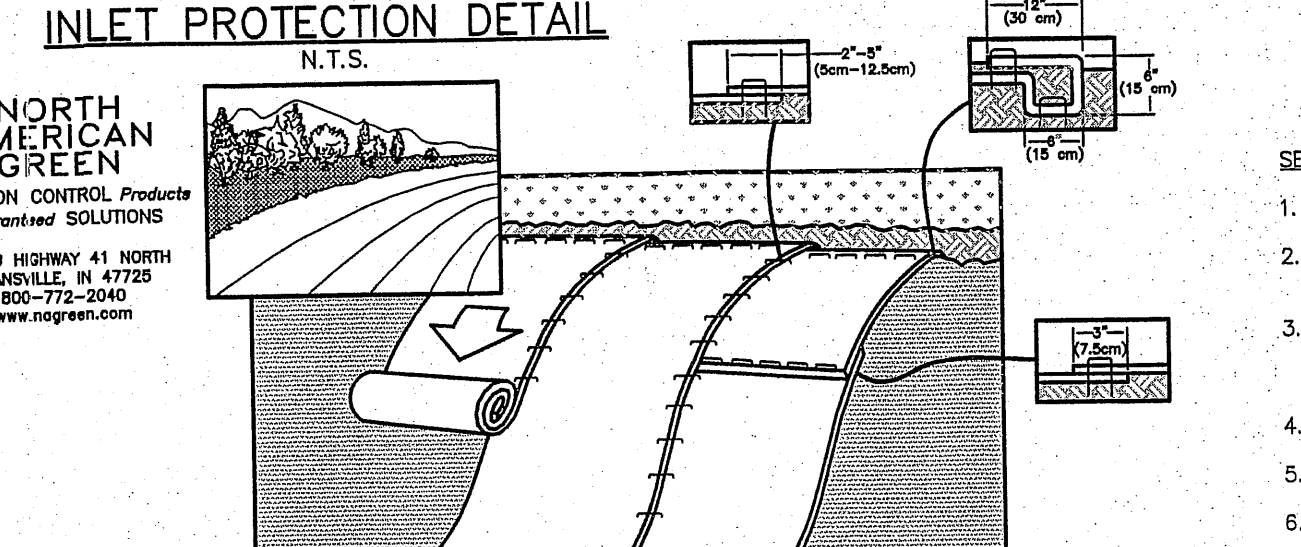
3/4" STONE

CURB INLET OFF-ROAD INLET

NOTE: WOODEN BOARDS TO BE PERFORATED W/ 3/8" HOLES TO ALLOW
PASSAGE OF STORMWATER (APPROX. 5 HOLES PER L.F. OF BOARD)

DI ANI

GRADE



1. Clear site, install soil erosion devices. - 3 DAYS
2. Excavate, grade site, install temporary soil stabilization measures - grasses, mulch, etc. - 1 WEEK
3. Construct stormwater basins. Basins must be properly constructed permanently stabilized, and conduit outlet protection installed, prior the drainage system becoming operational. - 1 week
4. Install stone base course per requirements. - 2 DAYS
5. Install pavement per requirements. - 4 DAYS
6. Complete site improvements. - 2 WEEKS

Topsoil should be friable, loamy, free of debris, obnoxious weeds and stones, and contain no toxic substances or adverse chemical contaminants. Topsoil should be free of weeds, roots, and other debris. Topsoil should be free of debris, obnoxious weeds and stones, and contain no toxic substances or adverse chemical contaminants. More than 0.05 milligrams per obnoxious seedlings and adversely impact growth. Topsoil hauled in from off-site should be free of debris, obnoxious weeds and stones, and contain no toxic substances or adverse chemical contaminants. Topsoil substituted in a soil material which may have been amended with sand, silt, clay, organic material, fertilizer or lime and has been tested for the presence of toxic substances. Topsoil substituted material shall meet the requirements of Topsoil noted above. Soil tests shall be performed to determine the components of the organic material.

2. Stripping and Strippling

A. Stripping shall be made to determine whether quantity or quality of surface soil justifies stripping.

B. Stripping shall be confined to immediate construction area.

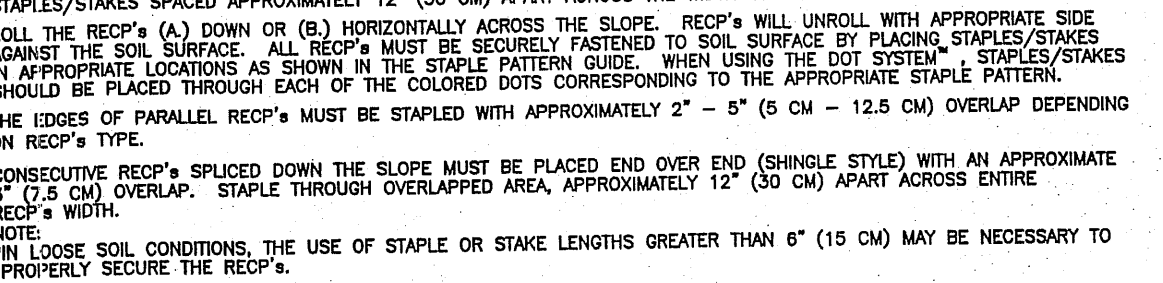
C. Stripping shall be made to determine whether quantity or quality of surface soil justifies stripping.

D. A 4-6 inch stripping depth is common, but may vary depending on the particular soil.

E. Stripping shall be made to determine whether quantity or quality of surface soil justifies stripping.

F. Stripping shall be vegetated in accordance with standards previously described herein; see standards for Permanent (p).

BEGIN AT THE TOP OF THE SLOPE BY ANCHORING THE REC'S IN A 6" (15 CM) DEEP X 6" (15 CM) WIDE TRENCH (APPROXIMATELY 12" (30CM) OF REC'S EXTENDED BEYOND THE UP-SLOPE PORTION OF THE TRENCH. ANCHOR THE REC'S WITH A ROW OF STAPLES/STAPES APPROXIMATELY 12" (30 CM) APART IN THE BOTTOM OF THE TRENCH. STAPLE AND COMPACT THE TRENCH AFTER STAPLING. APPLY SEED TO COMPACTED SOIL AND FOLD REMAINING 12" (30 CM) PORTION OF REC'S BACK OVER SEED AND COMPACTED SOIL. SECURE REC'S OVER COMPACTED SOIL WITH A ROW OF

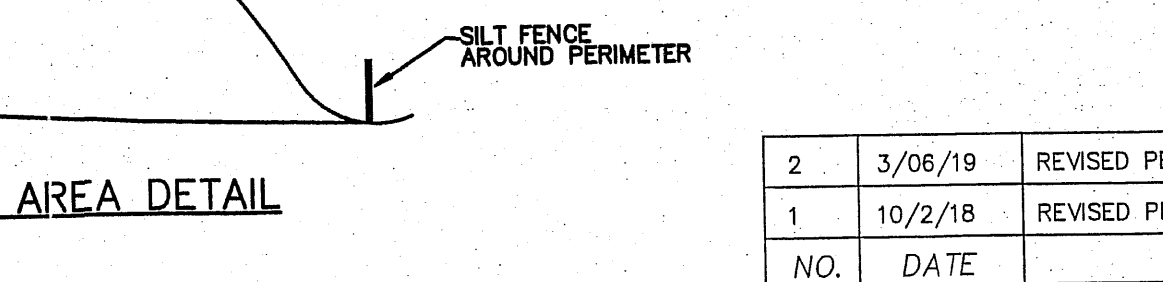


N.T.S.

TRENCH

1.00

STOCKPILED TOPSOIL



WIRE OR NYLON BOUND BALES

2--REBARS, STEEL PICKETS OR 2" x 2" (YES, 1" 2" TO 2" IN GROUND)

136 Drum Pol

N.T.S.

ent Barrier Maintenance

removed from the upstream face of the barrier
ed a depth of 1/2 the barrier height.

barrier (fabric, posts, bales etc.) when damaged.

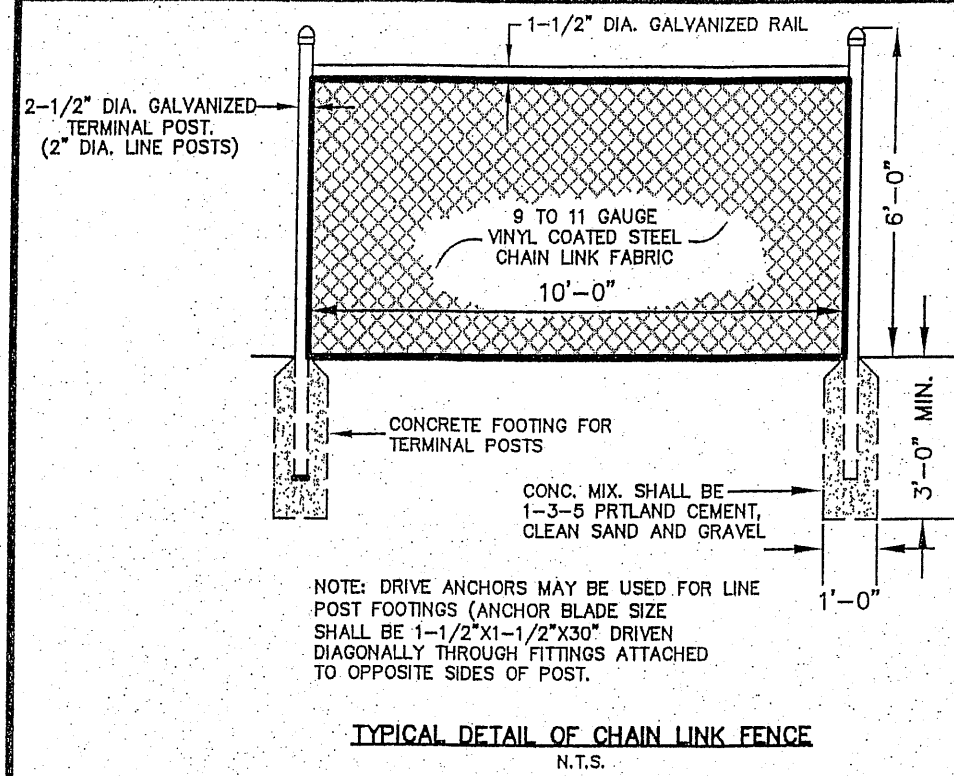
Jeffrey J. O'Connell

JEFFREY J. O'CONNELL

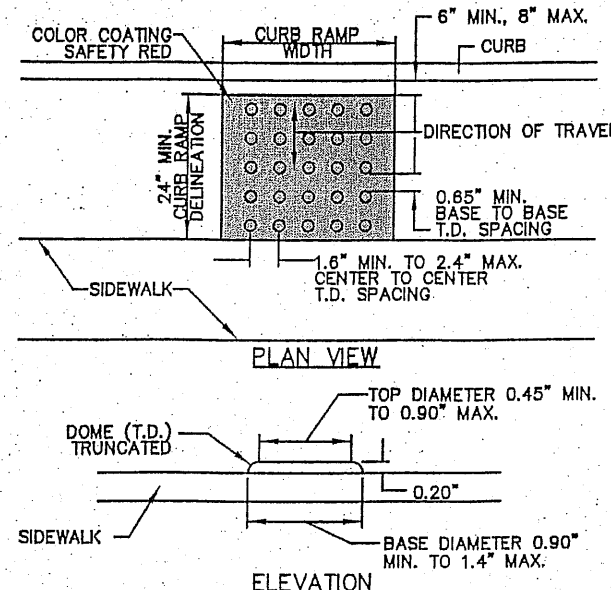
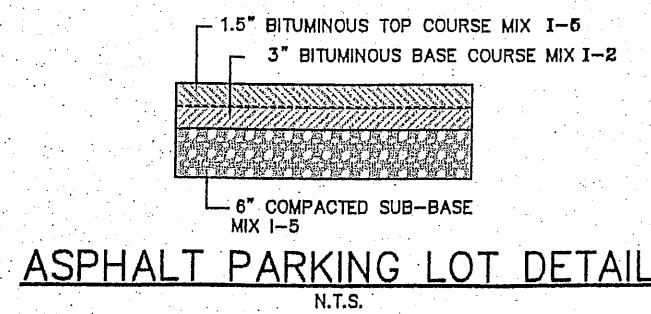
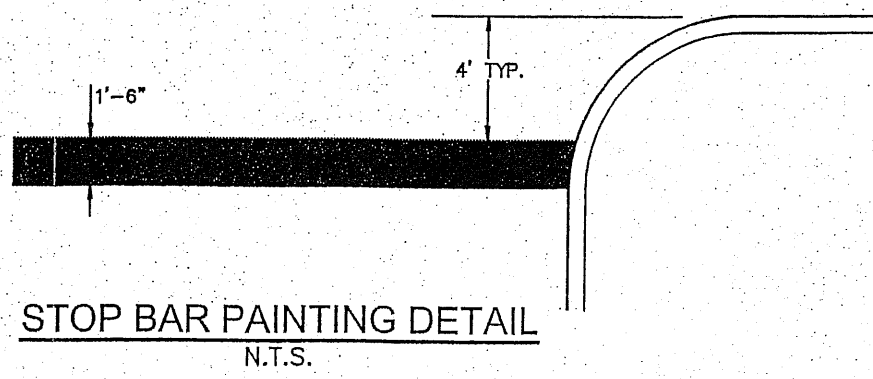
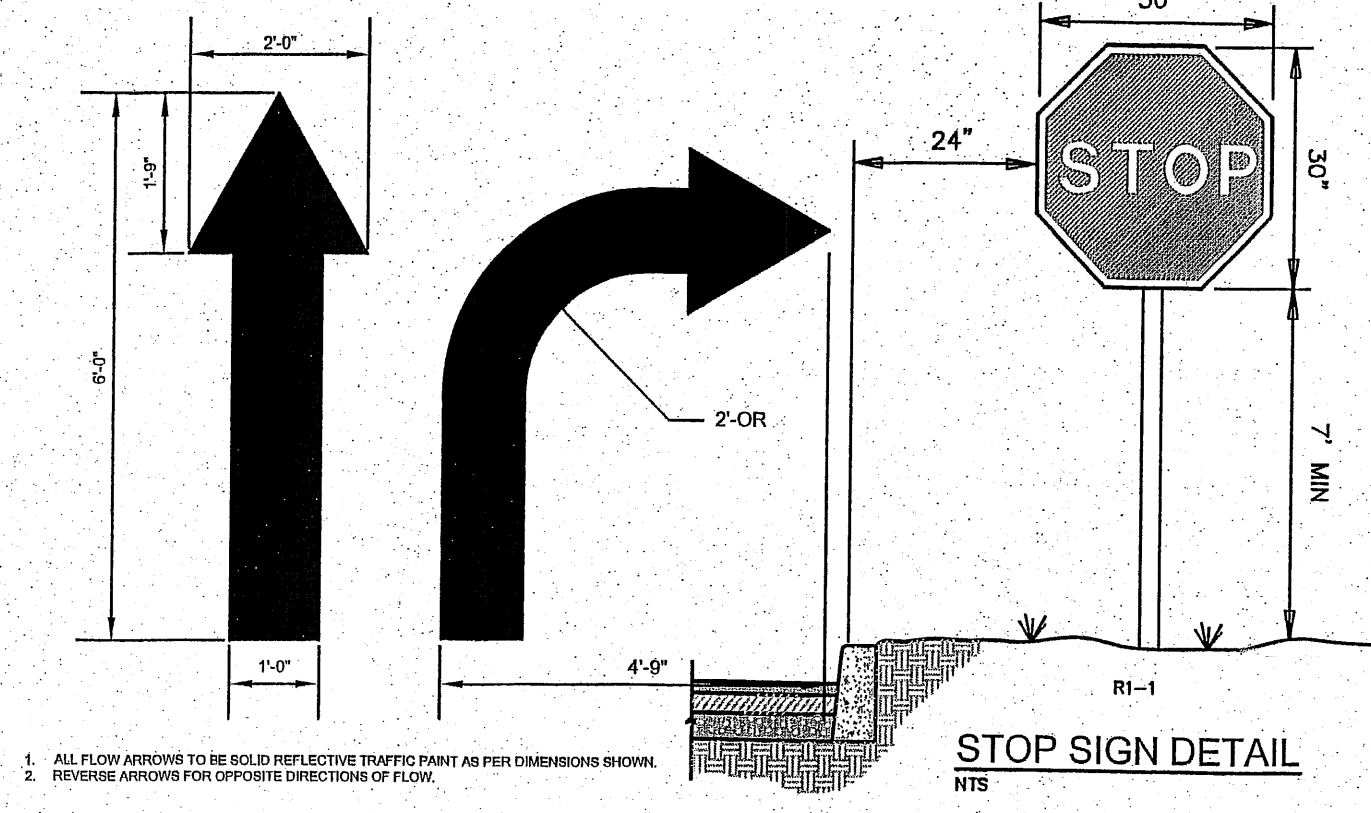
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PRELIMINARY & FINAL MAJOR SITE

385 ADAMSTON
LOT 11.01 BLOCK 195
TOWNSHIP OF BRICK OCEAN COUNTY

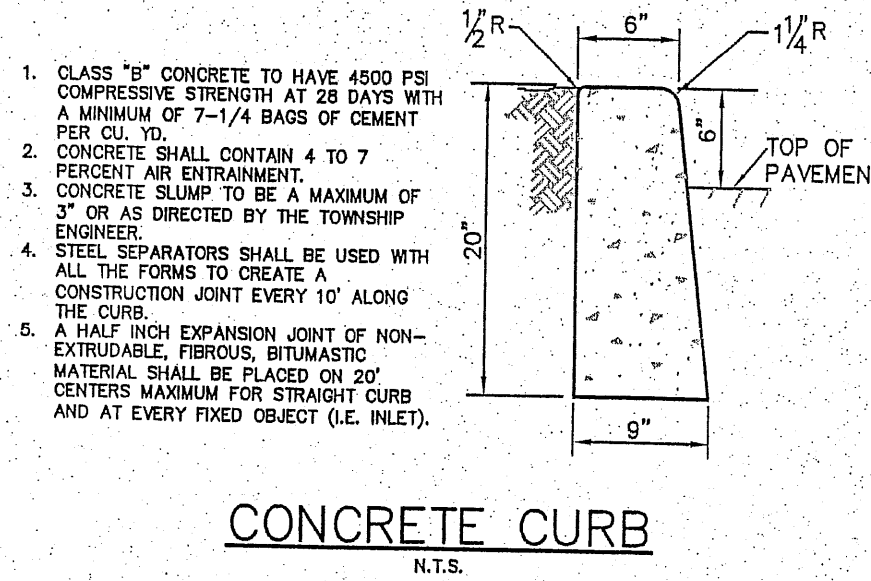
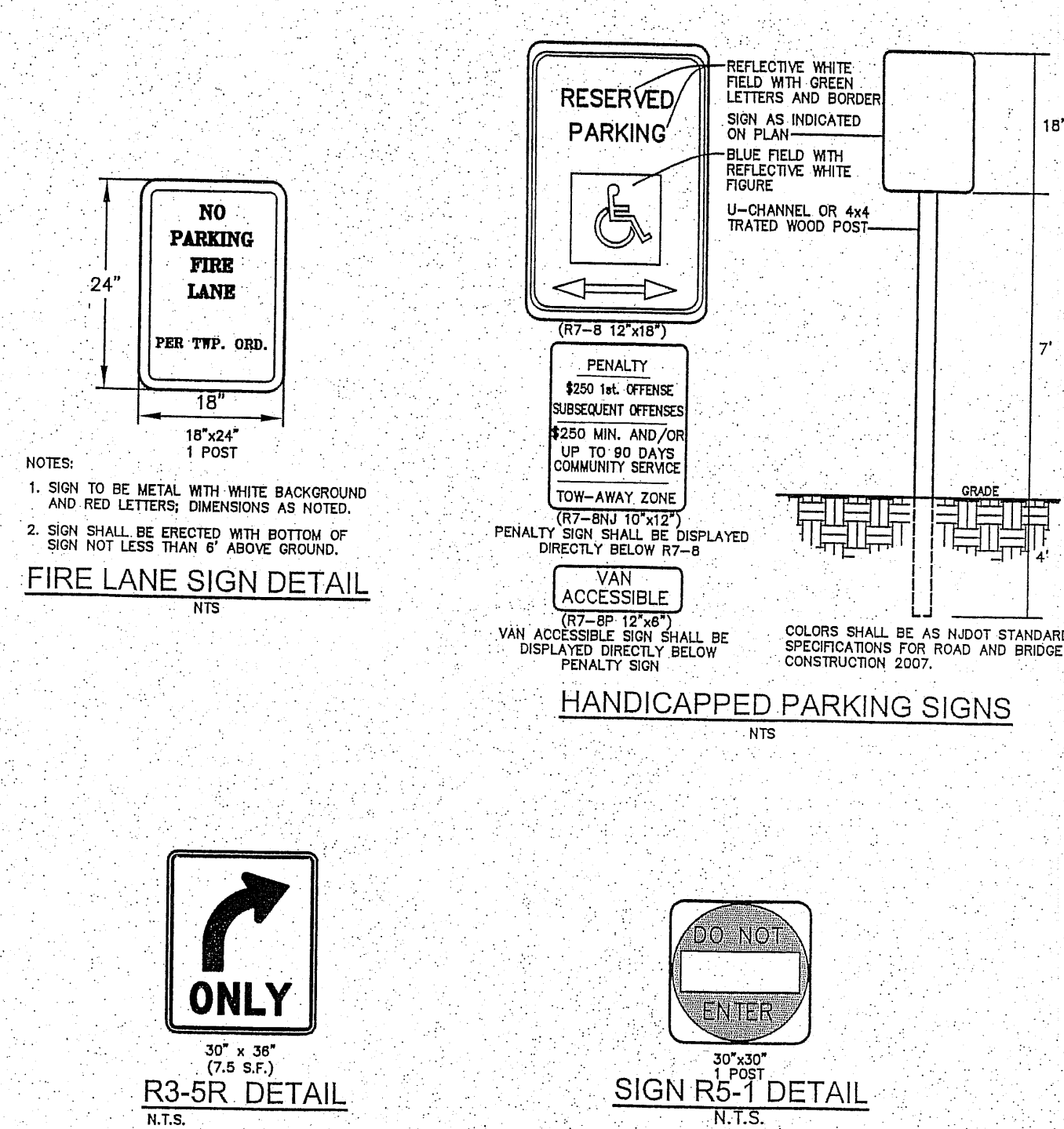
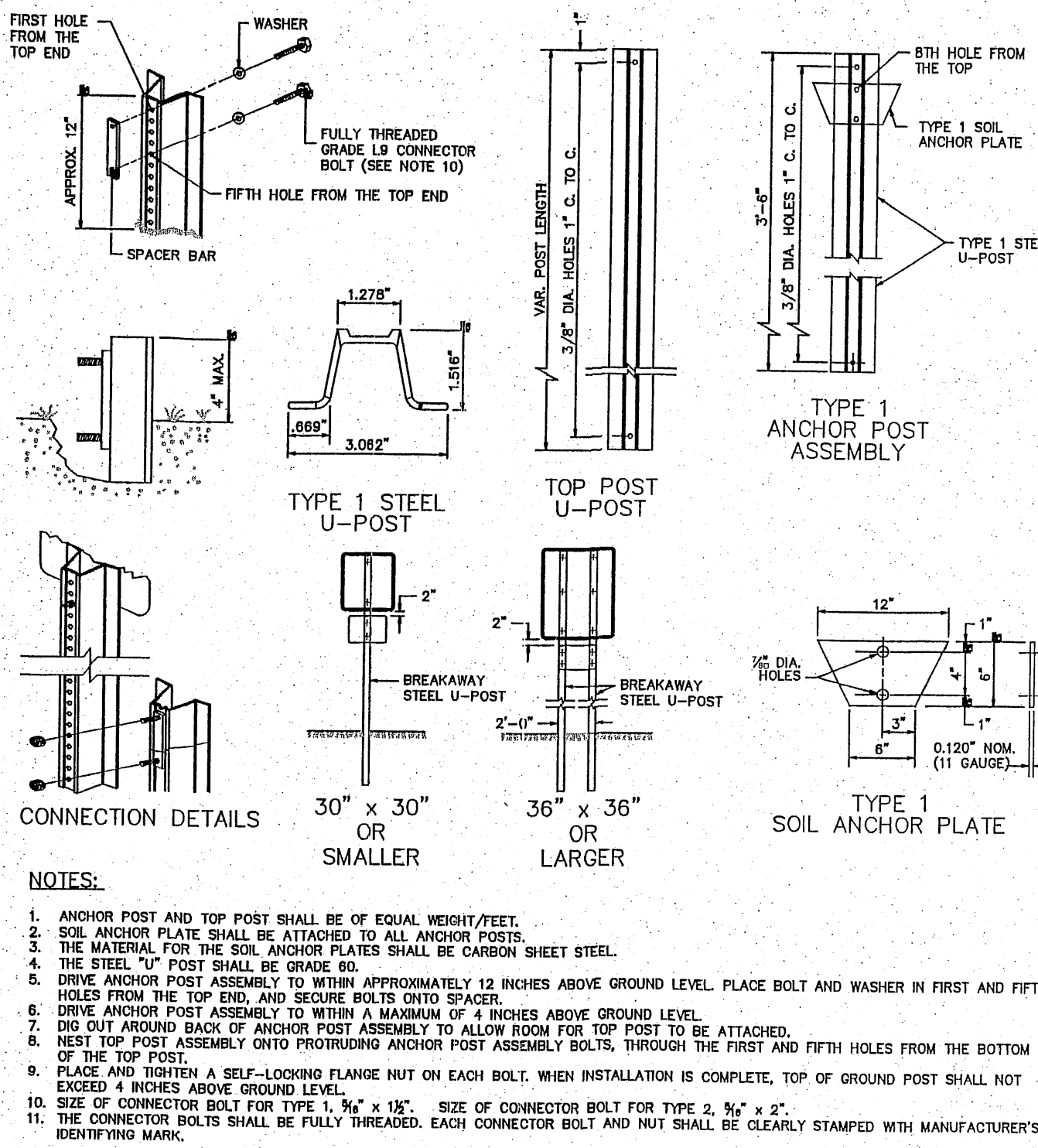
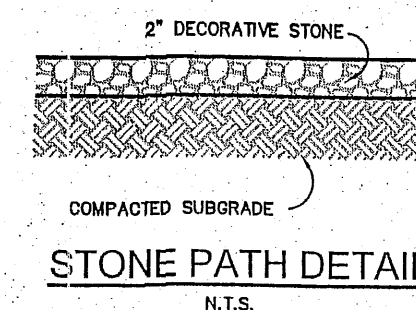
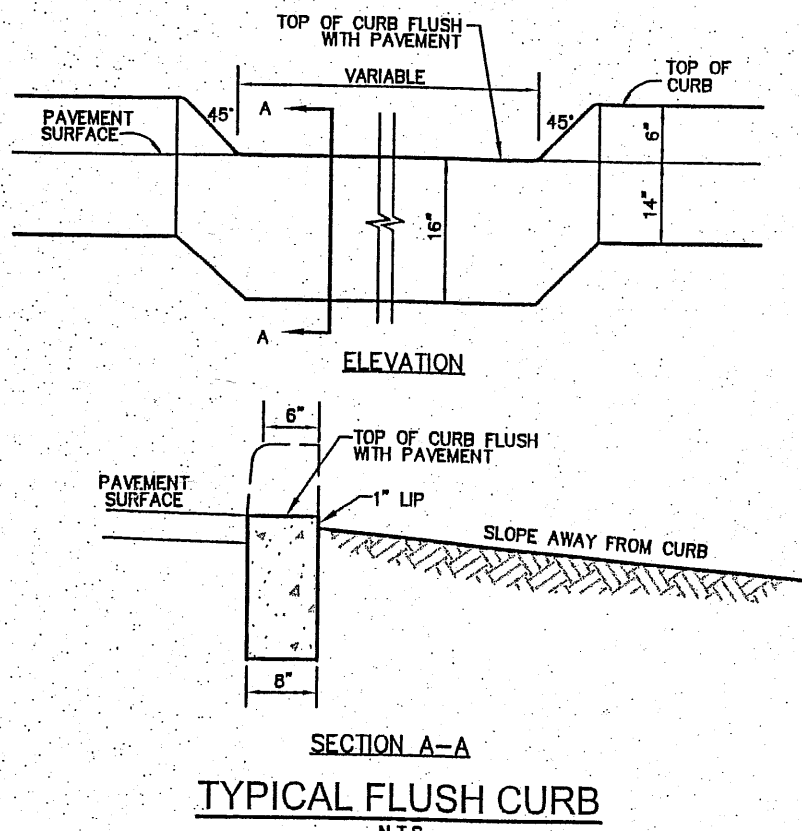
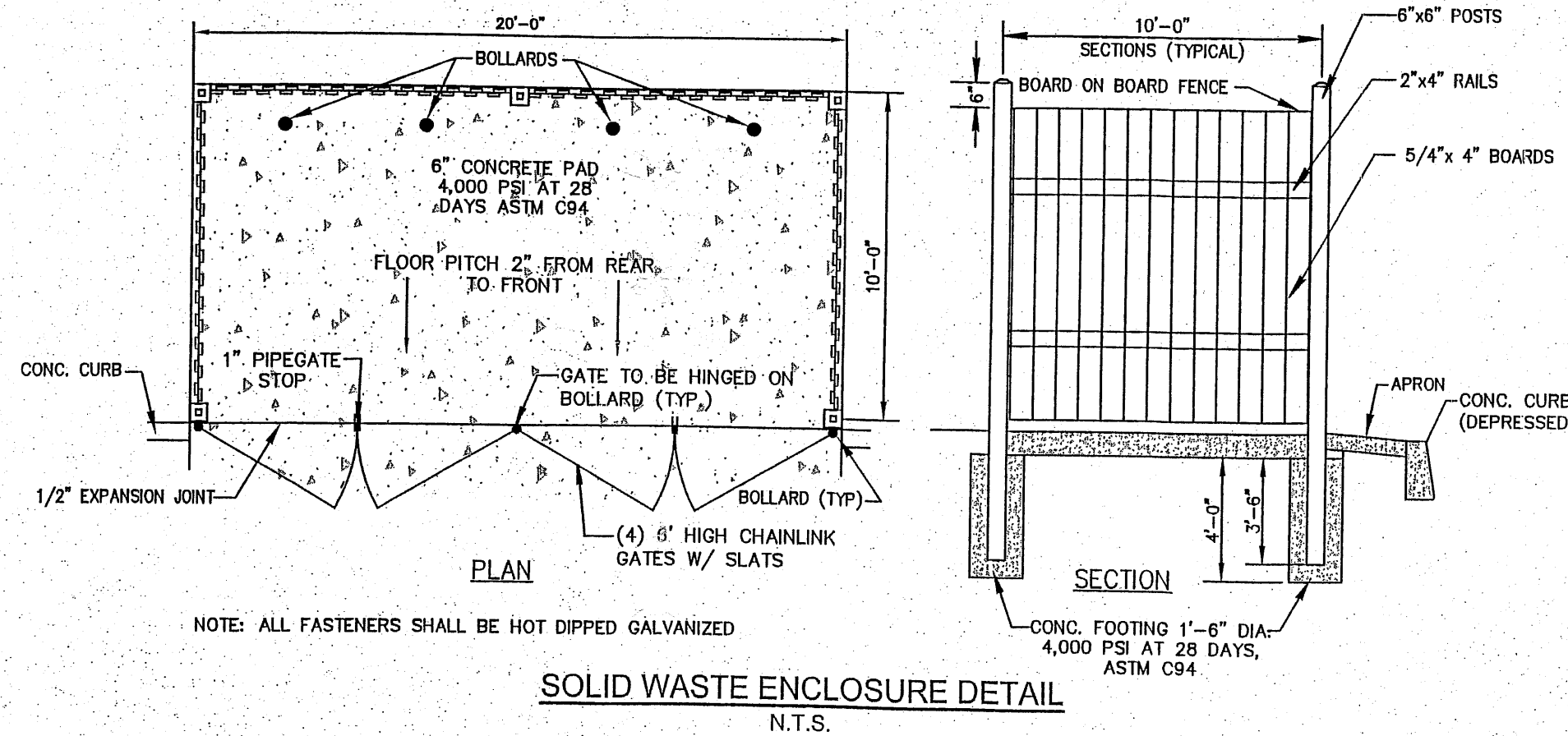
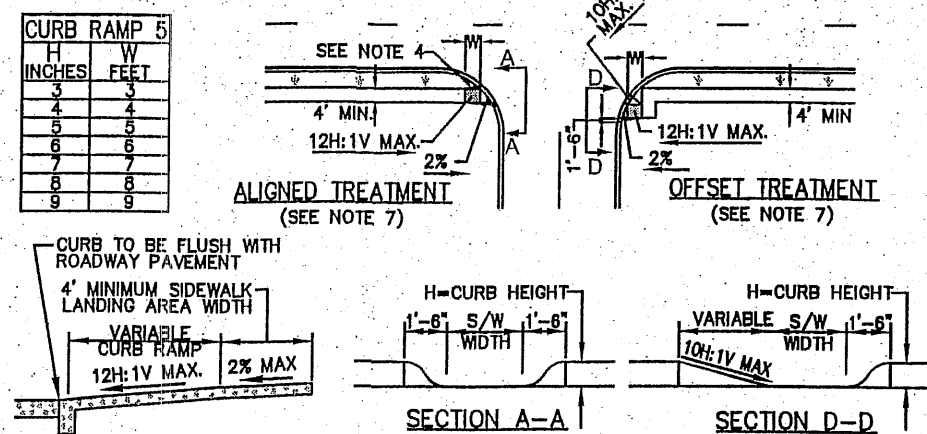
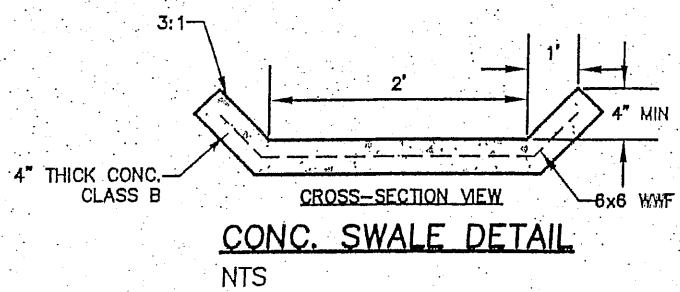
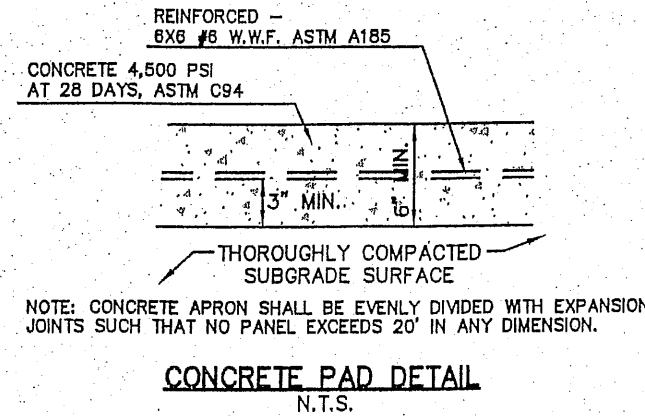
DRAWN BY:	SCALE:	DATE:	SHEET:
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PARKING SPACE STRIPING
N.T.S.



DETECTABLE WARNING SURFACE
N.T.S.



THIS IS TO CERTIFY THAT THE WATER AND SEWER DESIGN CONFORMS WITH THE RULES AND REGULATIONS OF THE BRICK TOWNSHIP MUNICIPAL UTILITIES AUTHORITY.

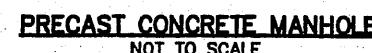
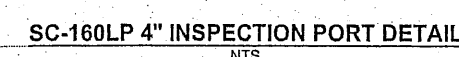
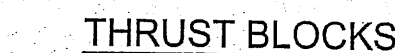
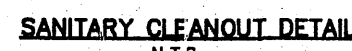
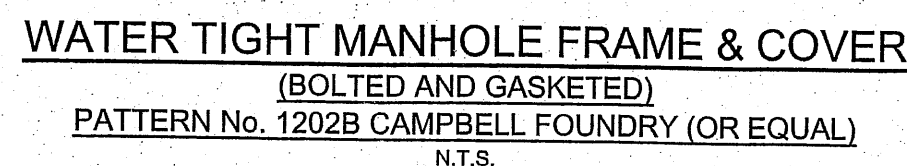
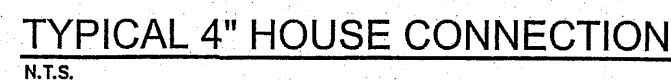
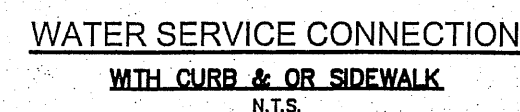
STEPHEN T. SPECHT, P.E.
DIRECTOR OF ENGINEERING

THE SITE FOR WHICH PRELIMINARY & FINAL MAJOR SITE PLAN APPROVAL WAS GRANTED BY THE BRICK TOWNSHIP PLANNING BOARD AS MEMORIALIZED BY RESOLUTION # _____ DATED _____ SHALL BE MAINTAINED AS ORIGINALLY APPROVED.

APPROVED AS A PRELIMINARY & FINAL MAJOR SITE PLAN BY THE BRICK TOWNSHIP PLANNING BOARD: (CASE NO. _____)

CHAIRMAN _____ DATE _____
SECRETARY _____ DATE _____
ENGINEER _____ DATE _____

2	3/06/19	REVISED PER VARIOUS REVIEW LETTERS & GENERAL REVISIONS	KJW
1	10/2/18	REVISED PER TWP FIRE SAFETY 8/23/18, TWP PLANNING 8/5/18, OCSD 8/28/18	JSM
NO.	DATE	REVISION DESCRIPTION	BY
Lindstrom, Diessner & Carr, P.C. ENGINEERING ♦ SURVEYING ♦ PLANNING 136 Drum Point Road • Suite 6 • Brick, NJ 08723 • Tel: (732) 477-8900 • Fax: (732) 477-8026 • Info@LDcpc.com			
PRELIMINARY & FINAL MAJOR SITE PLAN CONSTRUCTION DETAILS 385 ADAMSTON LOT 11.01 BLOCK 195 TOWNSHIP OF BRICK OCEAN COUNTY NEW JERSEY			
 JEFFREY J. CARR PROFESSIONAL ENGINEER N.J. LIC. NO. 24602815800 PROFESSIONAL PLANNER N.J. LIC. NO. 33100276400			
DRAWN BY:	SCALE:	DATE:	SHEET:
JSM	AS NOTED	8/8/2018	12 OF 13
PROJECT:	18001		



1. SC-19A P CHAMBERS SHALL BE DESIGNED IN ACCORDANCE WITH ASTM F2781 "STANDARD PRACTICE FOR STRUCTURAL DESIGN OF THERMOPLASTIC CORRUGATED WALL STORMWATER COLLECTION CHAMBERS."
2. "ACCEPTABLE FILL MATERIALS" TABLE ABOVE PROVIDES MATERIAL QUALITIES, DESCRIPTIONS, GRADATIONS, AND COMPACTION REQUIREMENTS FOR FOUNDATION, EMBEDEDMENT, AND FILL MATERIALS.
3. THE SITE DESIGN ENGINEER IS RESPONSIBLE FOR ASSESSING THE BEARING RESISTANCE (ALLOWABLE BEARING CAPACITY) OF THE SUBGRADE SOILS AND THE DEPTH OF FOUNDATION STONE WITH CONSIDERATION FOR THE RANGE OF EXPECTED SOIL MOISTURE CONDITIONS.
4. PERIMETER STONE MUST BE EXTENDED HORIZONTALLY TO THE EXCAVATION WALL FOR BOTH VERTICAL AND SLOPED EXCAVATION WALLS.
5. ONCE LAYER "C" IS PLACED, ANY SOLID MATERIAL CAN BE REPLACED IN LAYER "D" UP TO THE FINISHED GRADE. MOST PAVEMENT SUBBASE SOILS CAN BE USED TO REPLACE THE MATERIAL. REQUIREMENTS OF LAYER "D" OR "C" ARE THE SITE DESIGN ENGINEER'S DISCRETION.





Lindstrom, Diessner & Carr, P.C.

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**PRELIMINARY & FINAL MAJOR SITE PLAN
CONSTRUCTION DETAILS**

385 ADAMSTON

LOT 11.01 BLOCK 195

TOWNSHIP OF BRICK OCEAN COUNTY NEW JERSEY

JEFFREY J. CARR

PROFESSIONAL ENGINEER N.J. LIC. NO. 2468201215800
PROFESSIONAL PLANNER N.J. LIC. NO. 33100276400

DRAWN BY: JSM	SCALE: AS NOTED	DATE: 6/8/2018	SHEET: 13 OF 13
			PROJECT: 18001