

PROJECT CONTACT LIST

OWNER
EDGEWATER PARK CROSSING GROUP, LLC (908) 451-5412
1429E ROUTE 22 EAST,
MOUNTAINSIDE, NJ 07092

APPLICANT
EDGEWATER PARK STORAGE, LLC (973) 622-0073
c/o TREETOP DEVELOPMENT
THE GLENPOINTE CENTRE WEST
500 FRANK W. BURR BOULEVARD #47
TEANECK, NJ 07666

CIVIL ENGINEER
WARE MALCOMB (732) 986-9000
110 EDISON PLACE
SUITE 303
NEWARK, NEW JERSEY 07102

ARCHITECT
WARE MALCOMB (732) 986-9000
110 EDISON PLACE
SUITE 303
NEWARK, NEW JERSEY 07102



Township of Edgewater Park
400 Belanco Road
Edgewater Park, New Jersey 08010

Phone (609) 877-2050
Fax (609) 877-2308

200 Foot List
4201 Route 130, Block: 404 Lot: 2.02

Requested By: Cole Schotz P.C.

Property	Location	Class	Owner
00404 00002 01	4207 S ROUTE 130	4A	GUNAYDIN, ERDAL 12 MONTCLAIR DR DELRAH NJ 08075
00404 00002 02	4201 S ROUTE 130	1	EDGEWATER PARK CROSSING GROUP LLC 725 FEDERAL AVE KENILWORTH, NJ 07033
00404 00002 03	4185 S ROUTE 130	4A	AJC PROPERTY MANAGERS, LLC 3 FERGUSON CT MARLTON, NJ 08053
00404 00003	4213 S ROUTE 130	4A	AME INVESTMENT LLC 892 RIVER ROAD PISCATAWAY, NJ 08854
00404 00004	1655 MT HOLLY RD	4A	YOUNG, WAYNE J & SUSAN J 1655 MT HOLLY RD EDGEWATER PARK, NJ 08010
00404 01 00010	214 LEMON LANE	2	BEHME, BRUCE 214 LEMON LANE EDGEWATER PARK, NJ 08010
00404 01 00011	216 LEMON LANE	2	REDMOND, DONALD 216 LEMON LANE EDGEWATER PARK, NJ 08010
00404 01 00012	218 LEMON LANE	2	EDMONDS, JEREMY A & ELIZABETH A 218 LEMON LANE EDGEWATER PARK, NJ 08010
00404 01 00013	220 LEMON LANE	2	CONTRAVO, LOUIS J & SUSAN M 220 LEMON LANE EDGEWATER PARK, NJ 08010

Requested By: Cole Schotz P.C.

00404 01 00014	222 LEMON LANE	2	CARCANAGUE, JAMES T & AMANDA 222 LEMON LANE EDGEWATER, NJ 08010
00404 01 00015	224 PEACH ROAD	2	MICHALSKI, EUGENE & MARYANN 224 PEACH ROAD EDGEWATER PARK, NJ 08010
00404 01 00016	226 PEACH ROAD	2	TOTH FRANK S JR & JANET H 226 PEACH ROAD EDGEWATER PARK, NJ 08010
00404 01 00017	228 PEACH ROAD	2	DEPEW HARRY A SR & BERNICE 228 PEACH ROAD EDGEWATER PARK, NJ 08010
00404 05 00016	217 PEACH ROAD	2	MAY, DAVID T & KELLY M 217 PEACH ROAD EDGEWATER PARK, NJ 08010
00501 00002	1502 MT HOLLY RD	1	FLEX GYM, INC 1502 MT HOLLY RD EDGEWATER PARK, NJ 08010
00501 00003	1606 MT HOLLY RD	15C	STATE OF NEW JERSEY DOT 1035 PARKWAY AVE TRENTON, NJ 08625
00501 01 00001	4225 S ROUTE 130	4A	ALDI INC % RYAN TAX COMP SERV LLC PO BOX 460049 DEPT 501 HOUSTON, TX 77056

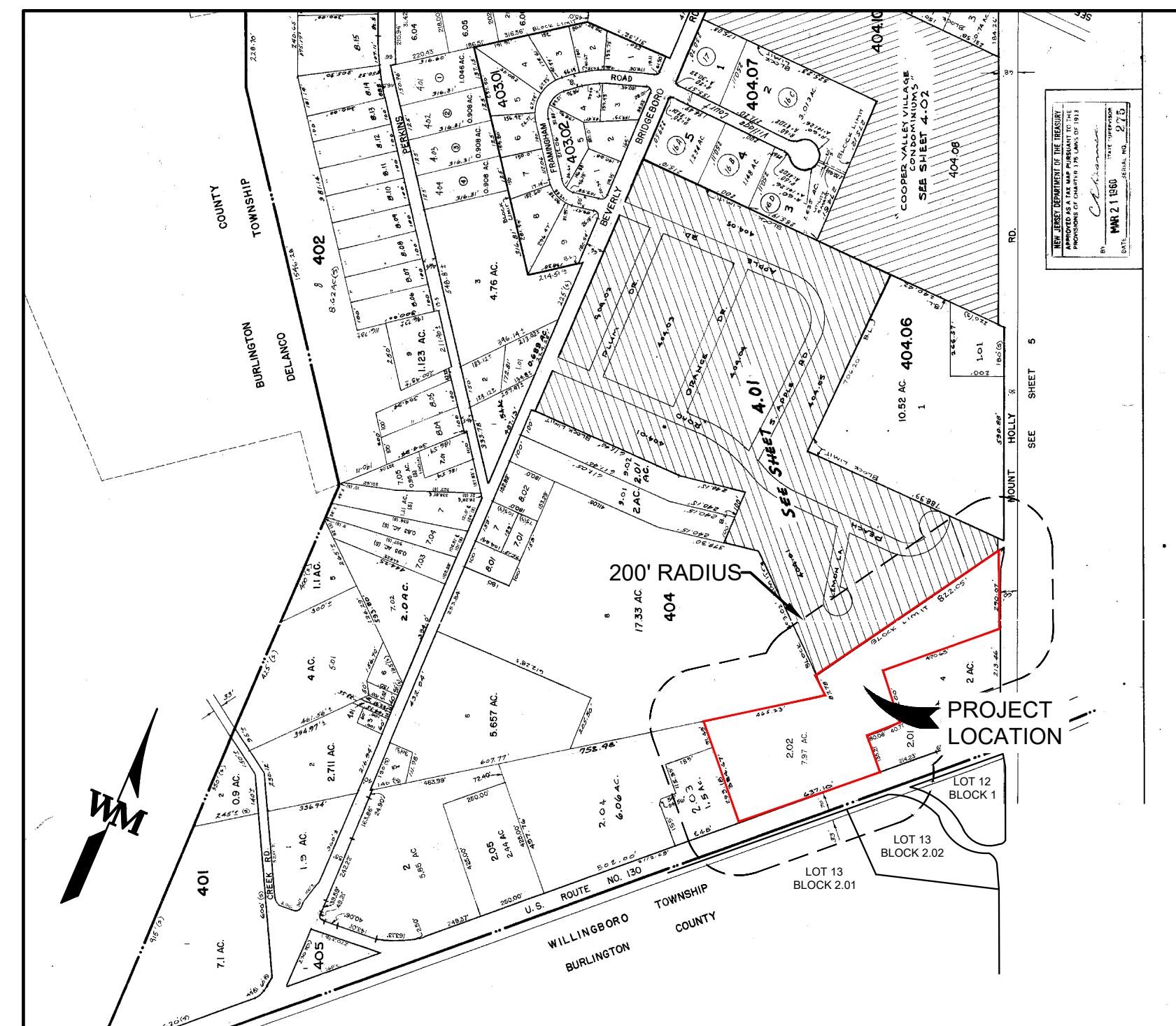
PRELIMINARY SITE PLAN APPLICATION

EDGEWATER PARK - SELF STORAGE DEVELOPMENT

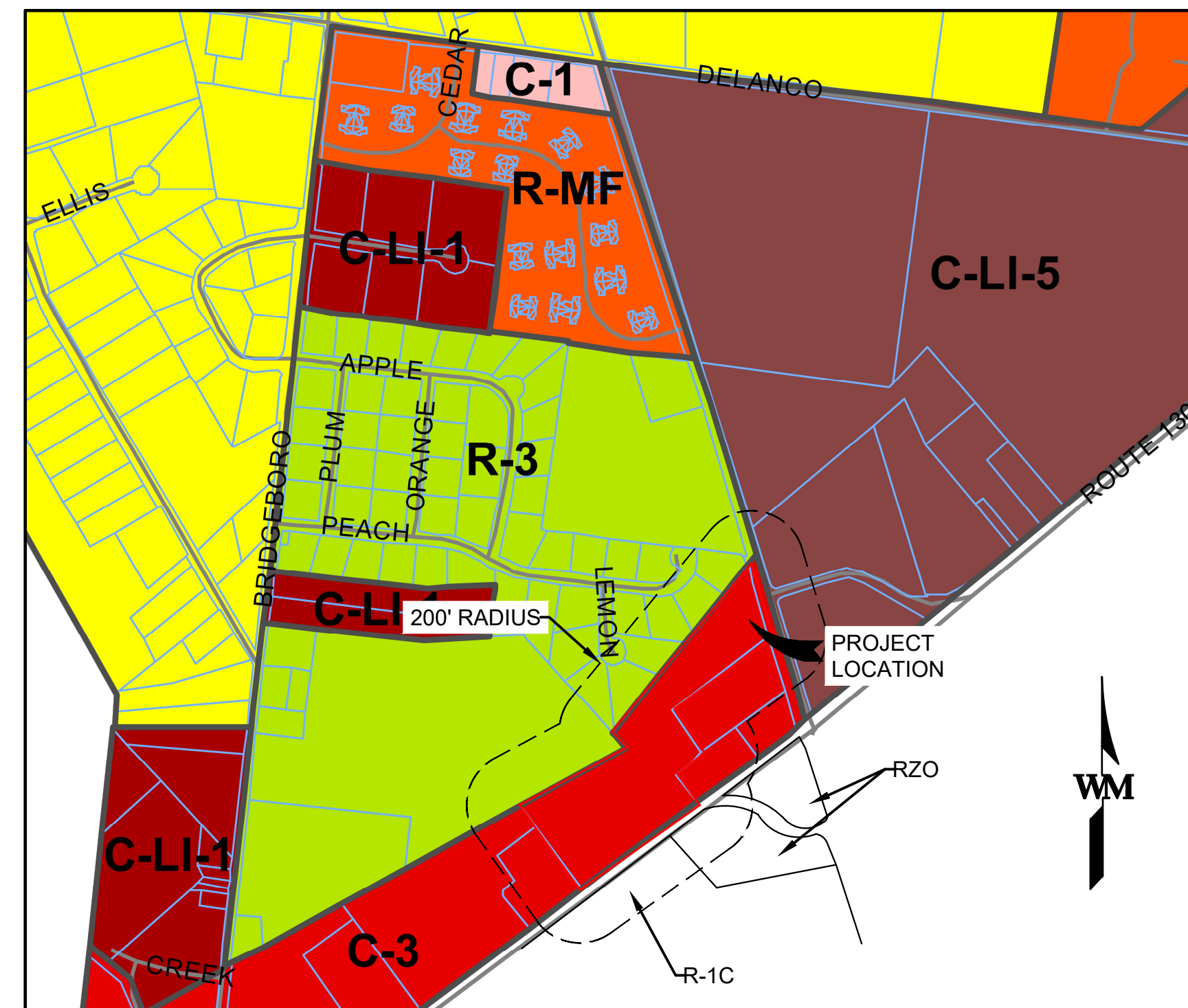
LOT 2.02 BLOCK 404
EDGEWATER PARK TOWNSHIP, COUNTY OF BURLINGTON,
STATE OF NEW JERSEY 08010



VICINITY MAP
SCALE: 1" = 500'



EDGEWATER PARK TAX MAP SHEET NO. 4
1" = 500'



EDGEWATER PARK TOWNSHIP ZONING MAP
(DATED APRIL 2007)
SCALE: 1" = 500'

WILLINGBRO 200 FT OWNER'S LIST			
BLOCK	LOT	ADDRESS	OWNER
12	1	4208 ROUTE 130	ACW CORP. T/A ARBY'S INC. PO BOX 38 YORKYN, DE 19736
13	2.01	4154 ROUTE 130 & 4148	BURL CO BOARD OF CHOSEN FREEHOLDERS 49 RANCOCAS RD. MT HOLLY, NJ 08060
13	2.02	4202 ROUTE 130	CASEL PROPERTIES, LLC C/O CASEL REALTY PO BOX 2100 WILLINGBORO, NJ 08046

UTILITY COMPANIES		
PSE&G COMPANY 80 PARK PLAZA NEWARK, NJ 08046 ATTN: GENERAL MANAGER PROPERTIES AND RISK MANAGEMENT	NJ AMERICAN WATER COMPANY DONNA SHORT, GIS SUPERVISOR 1025 LAUREL OAK ROAD VOORHEES, NJ 08043	VERIZON 911 DEPARTMENT BARBARA WINWARD 789 WAYSIDE ROAD NEPTUNE, NJ 07753 FAX: 1-800-637-9137
COMCAST CABLEVISION KEVIN SMITH, GENERAL MANAGER 21 BEVERLY-RANCOCAS RD. WILLINGBORO, NJ 08046	EDGEWATER PARK SEWERAGE AUTHORITY 1123 COOPER STREET EDGEWATER PARK, NJ 08010	

GENERAL PROJECT NOTES:

- THE PROPERTY IS KNOWN AS BLOCK 404, LOT 2.02 AS SHOWN ON TAX MAP SHEET 4 OF THE EDGEWATER TOWNSHIP, BURLINGTON COUNTY, NEW JERSEY.
- THE PROPERTY LIES IN THE HIGHWAY COMMERCIAL DISTRICT WITHIN THE TOWNSHIP OF EDGEWATER PARK.
- STREET NAMES, RIGHT-OF-WAY WIDTHS, BLOCK AND LOT NUMBERS ARE SHOWN IN ACCORDANCE WITH THE TOWNSHIP TAX MAPS.
- THE PROPERTY BOUNDARY, PLANIMETRIC, AND TOPOGRAPHIC INFORMATION SHOWN HEREON IS REFERENCED FROM A PLAN ENTITLED "PLAN OF SURVEY - TAX LOT 404 BLOCK 2.02", DATED 12/26/2019, PREPARED BY STOUT & CALDWELL ENGINEERS, LLC.
- THE PROJECT VERTICAL DATUM IS BASED UPON 1988 (NAVD 88) ESTABLISHED BY G.P.S.
- THE PROJECT HORIZONTAL DATUM IS BASED UPON NORTH AMERICAN DATUM OF 1983 (NAD83), ESTABLISHED BY G.P.S.
- THE SUBJECT PROPERTY IS LOCATED IN AN AREA DETERMINED TO BE IN THE FOLLOWING FLOOD ZONES:
-ZONE X: AREAS DETERMINED TO BE OUTSIDE THE 0.2% ANNUAL CHANCE FLOODPLAIN AS INDICATED ON THE FLOOD INSURANCE RATE MAP, BURLINGTON COUNTY, NEW JERSEY (ALL JURISDICTIONS), PANEL 116 OF 641, COMMUNITY PANEL NUMBER: 340096 0116 F, MAP NUMBER 34005C0116F, EFFECTIVE DATE: DECEMBER 21, 2017.
- THERE ARE NO EXISTING WATERCOURSES, RIPARIAN ZONES, WETLANDS, OR WETLAND TRANSITION AREAS ON OR WITHIN 50 FEET OF THE PROPERTY.

SHEET INDEX

NO.	DESCRIPTION	DATE
1	C1.0 COVER SHEET	12/07/2020
2	C1.1 ZONING COMPLIANCE & NOTES	12/07/2020
3	C2.0 EXISTING CONDITIONS & DEMOLITION PLAN	12/07/2020
4	C3.0 OVERALL SITE PLAN	12/07/2020
5-6	C4.0-C4.1 SITE PLAN	12/07/2020
7-8	C5.0-C5.1 GRADING PLAN	12/07/2020
9-10	C5.2-C5.3 DRAINAGE PLAN	12/07/2020
11-12	C6.0-C6.1 UTILITY PLAN	12/07/2020
13	C7.0 SANITARY SEWER PLAN & PROFILE	12/07/2020
14-15	C8.0-C8.1 LANDSCAPE PLAN	12/07/2020
16	C8.2 LANDSCAPE DETAILS	12/07/2020
17-18	C9.0-C9.1 LIGHTING PLAN	12/07/2020
19	C9.2 LIGHTING DETAILS	12/07/2020
20-21	C10.0-C10.1 SOIL EROSION CONTROL AND SEDIMENT PLAN	12/07/2020
22	C10.2 SOIL EROSION CONTROL AND SEDIMENT NOTES AND DETAILS	12/07/2020
23-27	C11.0-C11.4 CONSTRUCTION DETAILS	12/07/2020
28	C12.0 VEHICLE TURNING PLAN	12/07/2020

HORIZONTAL DATUM

NORTH AMERICAN DATUM OF 1983 (NAD83), ESTABLISHED BY G.P.S.

BENCHMARK

THE PROJECT VERTICAL DATUM IS BASED UPON 1988 (NAVD 88) ESTABLISHED BY G.P.S.
BENCHMARK 1 - IRON PIP ON US ROUTE 130 RIGHT-OF-WAY AND DIVISION LINE BETWEEN LOTS 2.02 AND 2.01.
ELEVATION =40.64

BENCHMARK 2 - CONCRETE MONUMENT ON NORTH PROPERTY CORNER OF LOT 17, BLOCK 404.01 ALONG THE MOUNT HOLLY ROAD RIGHT-OF-WAY
ELEVATION =30.91

TOWNSHIP OF EDGEWATER PARK BOARD APPROVAL
APPROVED BY THE PLANNING BOARD OF THE TOWNSHIP
OF EDGEWATER PARK, NEW JERSEY

CHAIRMAN _____ DATE _____

SECRETARY _____ DATE _____

ENGINEER _____ DATE _____

WARE MALCOMB
LEADING DESIGN FOR COMMERCIAL REAL ESTATE

110 edison place
suite 303
newark, nj 07102
p 732.986.9000
waremalcomb.com

EDWARD F. WASSER
PROFESSIONAL ENGINEER
NJ LIC. NO. Z46260-000

FOR AND ON BEHALF
OF WARE MALCOMB

EDGEWATER PARK - SELF STORAGE DEVELOPMENT
PRELIMINARY SITE PLAN APPLICATION
COVER SHEET
4201 ROUTE 130, BURLINGTON COUNTY, EDGEWATER PARK, NEW JERSEY

NO.	DATE	REMARKS
1	12/07/2020	EDGEWATER PARK REVIEW

JOB NO.: NYC19-0005
PA / PM: EW
DRAWN BY: IH
DATE: 07/21/2020

SHEET
C1.0
Sheet 1 of 28

CONSTRUCTION NOTES:

- THE TOWNSHIP ENGINEER'S OFFICE SHALL BE NOTIFIED AT LEAST 72 HOURS BEFORE THE START OF WORK ON ANY IMPROVEMENTS UNDER ITS JURISDICTION.
- ALL MATERIALS, METHODS OF CONSTRUCTION AND CONSTRUCTION DETAILS SHALL CONFORM TO APPLICABLE STANDARDS OF LOCAL BOROUGH, COUNTY, STATE, MUNICIPAL UTILITIES AUTHORITY AND UTILITY COMPANIES. IN CASE OF CONFLICT, THE STANDARDS OF THE ADMINISTRATIVE AUTHORITY HAVING JURISDICTION THEREOF SHALL GOVERN. THE CONTRACTOR SHALL PROVIDE THE TOWNSHIP ENGINEER WITH SHOP DRAWINGS FOR ALL ITEMS UNDER HIS JURISDICTION FOR REVIEW AND APPROVAL PRIOR TO INSTALLATION.
- ALL DISTURBED AREAS SHALL BE STABILIZED IN ACCORDANCE WITH THE STANDARDS OF THE LOCAL SOIL CONSERVATION DISTRICT.
- THESE PLANS REPRESENT THE OVERALL SITE WORK IMPROVEMENTS REQUIRED FOR PROJECT CONSTRUCTION. THE CONTRACTOR SHALL FURNISH, INSTALL, TEST AND COMPLETE ALL WORK TO THE SATISFACTION OF THE ENGINEER AND OWNER IN ACCORDANCE WITH THE CONTRACT DOCUMENTS. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR MEANS AND METHODS OF CONSTRUCTION; AS SUCH, THESE PLANS DO NOT COMPLETELY REPRESENT, NOR ARE THEY INTENDED TO REPRESENT, ALL SPECIFIC INSTRUCTIONS REQUIRED FOR SITE WORK CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIVE TO CONSTRUCT ALL IMPROVEMENTS DEPICTED ON THESE PLANS IN ACCORDANCE WITH ALL APPLICABLE RULES, REGULATIONS AND LAWS IN EFFECT AT THE TIME OF CONSTRUCTION.
- THE CONTRACTOR SHALL ACCEPT THE SITE AS IS. THE CONTRACTOR SHALL ASSESS CONDITIONS, AND THE KIND, QUALITY AND QUANTITY OF WORK REQUIRED. THE OWNER MAKES NO GUARANTEE IN REGARD TO THE ACCURACY OF ANY AVAILABLE INFORMATION WHICH OBTAINED DURING INVESTIGATIONS. THE CONTRACTOR SHALL MAKE A THOROUGH SITE INSPECTION IN ORDER TO FIELD CHECK EXISTING SITE CONDITIONS, CORRELATE CONDITIONS WITH THE DRAWING AND RESOLVE ANY POSSIBLE CONSTRUCTION CONFLICTS WITH THE OWNER AND ENGINEER PRIOR TO COMMENCEMENT OF WORK. THE CONTRACTOR SHALL MAKE ADDITIONAL TOPOGRAPHIC SURVEYS HE DEEMS NECESSARY, PROVIDED THEY ARE COORDINATED WITH THE OWNER. ANY CONDITIONS DETERMINED BY THE CONTRACTOR THAT DIFFER FROM THE INFORMATION SHOWN ON THE DRAWINGS THAT ARE NOT BROUGHT TO THE ATTENTION OF THE OWNER AND ENGINEER PRIOR TO THE START OF WORK SHALL NOT BE CONSIDERED GROUNDS FOR ADDITIONAL PAYMENT OR CHANGES TO THE CONTRACT DURATION, OR ANY OTHER CLAIMS AGAINST THE OWNER OF OWNER'S ENGINEER.
- ALL OPEN EXCAVATIONS SHALL CONFORM TO ALL APPLICABLE STANDARDS. TRENCH OPENINGS SHALL NOT REMAIN OPEN OVERNIGHT.
- EXCAVATED MATERIAL USED FOR EMBANKMENTS SHALL CONFORM TO THE STANDARDS OF SECTION 203 OF THE NJDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
- TO THE EXTENT PRACTICABLE, NO TOPSOIL SHALL BE REMOVED FROM THE SITE OR USED AS SPOIL. TOPSOIL STRIPPED AND STOCKPILED DURING THE COURSE OF CONSTRUCTION SHALL BE REDISTRIBUTED SO AS TO PROVIDE EQUAL COVER TO ALL AREAS OF THE SITE AND SHALL BE STABILIZED BY SEEDING OR PLANTING.
- ALL TOPSOIL TO BE USED ON SITE SHALL BE TESTED FOR CONFORMANCE WITH THE LATEST BOROUGH STANDARDS AND NJDEP STANDARDS. THE STRICTER STANDARDS SHOULD APPLY. RESULTS SHALL BE FORWARDED TO THE BOROUGH ENGINEER FOR APPROVAL PRIOR TO PLACEMENT.
- FILL MATERIAL SHALL BE PLACED IN SIX (6) INCH LIFTS AND THOROUGHLY COMPACTED IN ACCORDANCE WITH THE MOST CURRENT NJDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION. CONTRACTOR SHALL COORDINATE WITH THE OWNER'S GEOTECHNICAL ENGINEER AND INDEPENDENT TESTING AGENCY DURING CONSTRUCTION. REFER TO THE GEOTECHNICAL REPORT FOR ADDITIONAL REQUIREMENTS.
- WHERE NEW PAVEMENT IS PROPOSED ADJACENT TO EXISTING PAVEMENT, THE EXISTING PAVEMENT SHALL BE CUT (1) FOOT FROM THE EDGE TO PROVIDE A NEAT LINE AGAINST WHICH TO PAVE.
- ALL ELECTRIC, GAS, TELEPHONE, CABLE TELEVISION AND OTHER PUBLIC UTILITY LINES SHALL BE INSTALLED UNDERGROUND IN ACCORDANCE WITH UTILITY COMPANY DETAILS. MINIMUM HORIZONTAL CLEARANCE BETWEEN PUBLIC UTILITY LINES AND WATER OR SEWER MAINS SHALL BE THREE (3) FEET.
- THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF EXISTING UTILITY AS SHOWN ON THESE PLANS IS BASED ON RECORDS OF THE VARIOUS UTILITY COMPANIES, AND WHERE POSSIBLE MEASUREMENTS TAKEN IN THE FIELD. THE INFORMATION IS NOT TO BE RELIED UPON AS BEING EXACT OR COMPLETE. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS, UTILITY LOCATIONS, AND INVERTS PRIOR TO CONSTRUCTION. ANY CONDITIONS FOUND TO DIFFER FROM THOSE SHOWN BY THE DRAWINGS SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE ENGINEER. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO RELOCATE ALL UTILITIES WHICH CONFLICT WITH THE PROPOSED IMPROVEMENTS SHOWN ON THE PLANS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PERFORMING TEST PITS AS REQUIRED BY THE DESIGN ENGINEER OR AS DEEMED NECESSARY TO ACCURATELY LOCATE, BOTH HORIZONTALLY AND VERTICALLY, ALL UTILITIES AFFECTED BY THE PROPOSED CONSTRUCTION.
- DURING CONSTRUCTION, ALL EXISTING OVERHEAD AND UNDERGROUND UTILITY LINES MUST BE PROTECTED, MAINTAINED AND KEPT OPERATIONAL BY THE CONTRACTOR IN ACCORDANCE WITH STANDARDS OF THE ADMINISTRATIVE AUTHORITY HAVING JURISDICTION THEREOF. THE CONTRACTOR SHALL SUPPORT UTILITY POLES LOCATED ADJACENT TO EXCAVATED AREAS UNTIL THE AREAS ARE BACKFILLED AND STABILIZED.
- ALL CONCRETE USED SHALL HAVE A MINIMUM 28-DAY COMPRESSIVE STRENGTH OF 4,500 PSI, UNLESS OTHERWISE NOTED.
- ALL STORM SEWER PIPING SHALL BE REINFORCED CONCRETE PIPE, CLASS III WITH BELL AND SPIGOT JOINTS UNLESS OTHERWISE NOTED. CIRCULAR REINFORCED CONCRETE PIPE AND FITTINGS SHALL MEET THE REQUIREMENTS OF ASTM C76. ALL JOINTS ARE TO BE SEALED WITH EITHER RUBBER GASKETS OR BUTYL TAPE AND BE WRAPPED WITH MORTAR AND FABRIC ON THE OUTSIDE. IF RUBBER GASKETS ARE USED FOR CIRCULAR PIPE, THE JOINT DESIGN AND JOINT MATERIAL SHALL CONFORM TO ASTM C443. ALL 36-INCH AND LARGER PIPES SHALL HAVE THE INSIDE JOINTS MORTARED. MORTAR JOINTS SHALL CONFORM TO SECTIONS 601.03 AND 903.08 OF THE CURRENT NEW JERSEY DEPARTMENT OF TRANSPORTATION'S STANDARD SPECIFICATIONS OF ROAD AND BRIDGE CONSTRUCTION.

WHERE PROPOSED, CORRUGATED HIGH DENSITY POLYETHYLENE PIPE (HDPE) SHALL HAVE A SMOOTH INTERIOR AND ANNUAL EXTERIOR CORRUGATIONS IN ACCORDANCE WITH AASHTO M294-87. GASKETS FOR HDPE SHALL MEET THE REQUIREMENTS OF ASTM F477 WITH THE ADDITION THAT THE GASKETS SHALL NOT HAVE ANY VISIBLE CRACKING WHEN TESTED ACCORDING TO ASTM D1149 AFTER 72 HOURS OF EXPOSURE IN 50 PPHM OZONE AT 104 DEGREES FAHRENHEIT. INSTALLATION OF HDPE SHALL BE IN ACCORDANCE WITH ASTM D2321 WITH THE EXCEPTIONS THAT MINIMUM COVER IN TRAFFICKED AREAS SHALL BE ONE FOOT BELOW THE BOTTOM OF THE ASPHALT.
- ALL INLETS IN CURBED AREAS SHALL BE TYPE "B" WITH WATER QUALITY TYPE SIX (6) INCH CURB PIECES. ALL INLETS SHALL BE PROVIDED WITH GRATES CLASSIFIED AS "BICYCLE SAFE". ALL CASTINGS SHALL BE OF AMERICAN MANUFACTURER.
- ALL WATER MAIN PIPING SHALL BE DOUBLE CEMENT-LINED DUCTILE IRON PIPE CONFORMING TO ANSI A21.51 9AWWA C151 CLASS 52 WITH EITHER MECHANICAL OR PUSH-ON JOINTS, UNLESS OTHERWISE SPECIFIED. "MEG-A-LUG" RESTRAINT GLANDS (OR APPROVED EQUAL) MUST BE INSTALLED ON ALL FITTINGS HAVING MECHANICAL JOINTS.
MINIMUM COVER OVER WATER MAINS AND WATER SERVICE PIPING SHALL BE FOUR (4) FEET.
THRUST BLOCKS SHALL BE INSTALLED AT ALL TEES, BENDS, PLUGS, REDUCERS, HYDRANT CONNECTIONS AND ANYWHERE ELSE REQUIRED BY THE LOCAL WATER COMPANY OR AGENCY HAVING JURISDICTION THEREOF. THE RODS MUST BE INSTALLED WITH ALL FIRE HYDRANT ASSEMBLIES.
ALL WATER MAINS AND ASSOCIATED FITTINGS MUST BE INSTALLED IN ACCORDANCE WITH THE REQUIREMENTS OF THE LOCAL WATER COMPANY OR AGENCY HAVING JURISDICTION THEREOF.
- ALL GRAVITY SANITARY SEWER MAIN AND LATERALS SHALL BE PVC PIPE, SDR-35 CONFORMING TO ASTM D3034 WITH PUSH-ON JOINTS, UNLESS OTHERWISE SPECIFIED. MINIMUM COVER OVER PVC SANITARY SEWER MAINS AND LATERALS SHALL BE THREE (3) FEET.
- SANITARY SEWER PIPING AND POTABLE WATER PIPING SHALL BE SEPARATED BY A MINIMUM OF TEN (10) FEET HORIZONTALLY AND OR EIGHTEEN (18) INCHES VERTICALLY, PLACED IN SEPARATE TRENCHES. WHERE THESE MINIMUM SEPARATION DISTANCES CANNOT BE MET, ENCASE THE SANITARY SEWER IN CONCRETE FOR A DISTANCE OF TEN (10) FEET EACH SIDE OF THE WATER MAIN. DUCTILE IRON PIPE WITH SLIP-ON JOINTS MAY BE SUBSTITUTED FOR THE CONCRETE ENCASEMENT. IN NO CASE SHALL THE VERTICAL CLEARANCE BETWEEN POTABLE WATER AND SANITARY SEWER MAINS BE LESS THAN ONE (1) FOOT.
- THE MINIMUM VERTICAL CLEARANCE BETWEEN DUCTILE IRON SEWER OR WATER MAINS AND STORM SEWER PIPE CROSSINGS ABOVE SHALL BE SIX (6) INCHES. PROVIDE CONCRETE ENCASEMENT WHEN THE VERTICAL CLEARANCE IS LESS THAN ONE (1) FOOT.
- THE LOCATION OF ALL PROPOSED FIRE HYDRANTS SHALL BE APPROVED BY THE LOCAL FIRE OFFICIAL AND/OR ADMINISTRATIVE AUTHORITY HAVING JURISDICTION THEREOF. ALL EXISTING FIRE HYDRANTS SHALL BE TESTED PRIOR TO CONSTRUCTION.
- TRAFFIC STRIPES AND MARKINGS SHALL CONFORM TO THE REQUIREMENTS OF THE STANDARD SPECIFICATION FOR ROAD AND BRIDGE CONSTRUCTION, CURRENT EDITION, AS PUBLISHED BY THE NEW JERSEY DEPARTMENT OF TRANSPORTATION.
- TRAFFIC CONTROL SIGNS SHALL CONFORM TO THE REQUIREMENTS OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS, CURRENT EDITION, AS PUBLISHED BY THE US DEPARTMENT OF TRANSPORTATION, FEDERAL HIGHWAY AUTHORITY.
- THE PROPOSED DEVELOPMENT HAS BEEN DESIGNED WITH THE INTENT TO BE COMPLIANT WITH APPLICABLE ADA REGULATIONS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO ENSURE ALL IMPROVEMENTS ARE EXECUTED IN COMPLIANCE WITH THE LATEST ADA REGULATIONS.
- ANY RETAINING WALLS 48 INCHES OR GREATER IN HEIGHT SHALL REQUIRE A BUILDING PERMIT. DESIGN CALCULATIONS FOR PROPOSED RETAINING WALLS SHALL BE SUBMITTED BY THE CONTRACTOR TO THE BOROUGH ENGINEER AND CONSTRUCTION CODE OFFICIAL FOR REVIEW AND APPROVAL PRIOR TO CONSTRUCTION.
- CONTRACTOR SHALL BE RESPONSIBLE FOR ARRANGING A PRECONSTRUCTION MEETING WITH EACH OF THE UTILITY COMPANIES, INCLUDING THE OWNER, ARCHITECT AND ENGINEERS TO ENSURE ALL PROJECT SPECIFIC REQUIREMENTS ARE MET. CONTRACTOR SHALL COORDINATE WITH THE UTILITY COMPANIES DURING CONSTRUCTION, INCLUSIVE OF ALL REQUIRED INSPECTIONS.
- UPON COMPLETION OF THE UTILITY WORK AND IN ACCORDANCE WITH THE SPECIFICATIONS, THE CONTRACTOR SHALL PROVIDE THE OWNER WITH AN AS-BUILT SURVEY OF ALL NEW ACCURATELY RECORDED LOCATIONS OF PIPE RUNS, CONNECTIONS, OUTLET STRUCTURES, HEADWALLS, INVERT ELEVATIONS, NEW CONDUITS, GAS UTILITIES, DUCT BANDS, LIGHT POLES TO BE BACKFILLED, PULL BOXES/MANHOLES RELATED TO ON SITE ELECTRICAL CONDUIT, AND FDNY FIRE ALARMS. THE DATA SHALL INCLUDE ALL INVERTS AND ELEVATIONS OF INSTALLED UTILITIES TIED INTO ESTABLISHED PROJECT BENCHMARKS. THE SURVEY SHALL BE PROVIDED IN DIGITAL (AUTOCAD DWG) AND PAPER FORMATS, AND SHALL BE SIGNED AND SEALED BY A NEW JERSEY STATE LICENSED PROFESSIONAL LAND SURVEYOR WITHIN 30 DAYS OF PROJECT COMPLETION. THIS SURVEY MAY BE COMBINE WITH OTHER AS-BUILT SURVEY REQUIREMENTS OF SITE-WORK ITEMS, WITH THE APPROVAL OF THE OWNER. MARKED-UP DESIGN PLANS ARE NOT ACCEPTABLE FOR THE AS-BUILT REQUIREMENTS OF THE SPECIFICATIONS.
- SANITARY EASEMENT HAS BEEN ADJUSTED TO CONFORM TO THE ADJUSTED PROPERTY AND THE INTENT OF THE EASEMENT TO ELIMINATE THE REAR GORE ON THE ORIGINAL SURVEY. SANITARY MANHOLES WITHIN EASEMENT INVERTS TAKEN FROM APPROVED DESIGN PLANS AND NOT FIELD VERIFIED.

BULK STANDARDS			
ZONING DISTRICT: C-3 - HIGHWAY COMMERCIAL			
ITEM	PERMITTED / REQUIRED	PROPOSED	COMPLIANCE
Proposed Use		Self Storage	No*
Site			
Minimum Lot Area	2 AC	340,184 SF	Yes
Minimum Lot Width	200 FT	282 FT	Yes
Minimum Lot Depth	200 FT	316 FT	Yes
Yard and Bulk Requirements			
Minimum Front Yard Setback			Yes
Route 130	60 FT	68 FT	Yes
Mount Holly Road	60 FT	50.6 FT (Building I)	No*
Minimum Side Yard Setback	30 FT	10 FT (Buildings C & J)	No*
Minimum Rear Yard Setback	50 FT	50.1 FT	Yes
Maximum Building Height	45 FT	45 FT	Yes
	3 Stories	3 Stories	Yes
Maximum Impervious Coverage	60 %	51 %	Yes

* Variance Required

PARKING REQUIREMENTS (§16-88)					
MINIMUM PARKING REQUIRED					
RETAIL SALES AND SERVICE					
1 SPACE PER 200 GSF	1,300	GSF	/	200	= 6.5
SELF STORAGE					
NO STANDARD*				=	N/A
TOTAL PARKING REQUIRED					7
PARKING PROVIDED					
STANDARD PARKING SPACES					14
HANDICAP ACCESSIBLE PARKING SPACES					1
TOTAL PARKING PROVIDED					15

*SELF STORAGE USE PARKING REQUIREMENT NOT PROVIDED IN ORDINANCE

SIGNAGE COMPLIANCE (§16-90.5.B)			
ITEM	PERMITTED / REQUIRED	PROPOSED	COMPLIANCE
Freestanding Signs			
Number of Signs	1	1	Yes
Maximum Area	75 sf	40 sf	Yes
Maximum Height	8 ft	8 ft	Yes
Minimum Setback from Curbline	15 ft	15 ft	Yes
Attached Signs			
Number of Signs	1	1	Yes
Maximum Sign Area	40 sf	40 sf	Yes

WATER DEMAND					
OFFICE					
0.125 GPD PER GSF	1,300	GSF	x	0.125	= 163 GPD
TOTAL WATER DEMAND					163 GPD

SEWER DEMAND					
OFFICE					
0.1 GPD PER GSF	1,300	GSF	x	0.1	= 130 GPD
TOTAL SEWER DEMAND					130 GPD

LIST OF VARIANCES / DESIGN WAIVERS	
VARIANCES	
No.	Description
1.	Variance requested for self sotrage use in C-3 Zone.
2.	Variance requested for parking for self-storage use - no standard provided.
3.	Variance requested for 50.6 ft front yard setback from Mount Holly Road when 60 feet is required.
4.	Variance requested for 10 ft side yard setback from adjacent commercial lot when 30 feet is required.
DESIGN WAIVERS	
Section	Description
§16-84.F	Relief requested for construction of a 6ft fence within the Route 130 and Mount Holly Road front yard to secure the vehicular use areas.
§16-84.H.3	Relief requested for a proposed 6ft fence within 25 feet of a dedicated street line where a 4ft fence is permitted.
§16-89.H.3	Relief requested for 10ft side yard landscaped buffer when abutting non-residential uses where 15ft is required.

WARE MALCOMB
LEADING DESIGN FOR COMMERCIAL REAL ESTATE

110 edison place
suite 303
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waremalcomb.com

[Signature]
EDWARD W. GESSER
PROFESSIONAL ENGINEER
N.J.C.E. NO. Z66800700

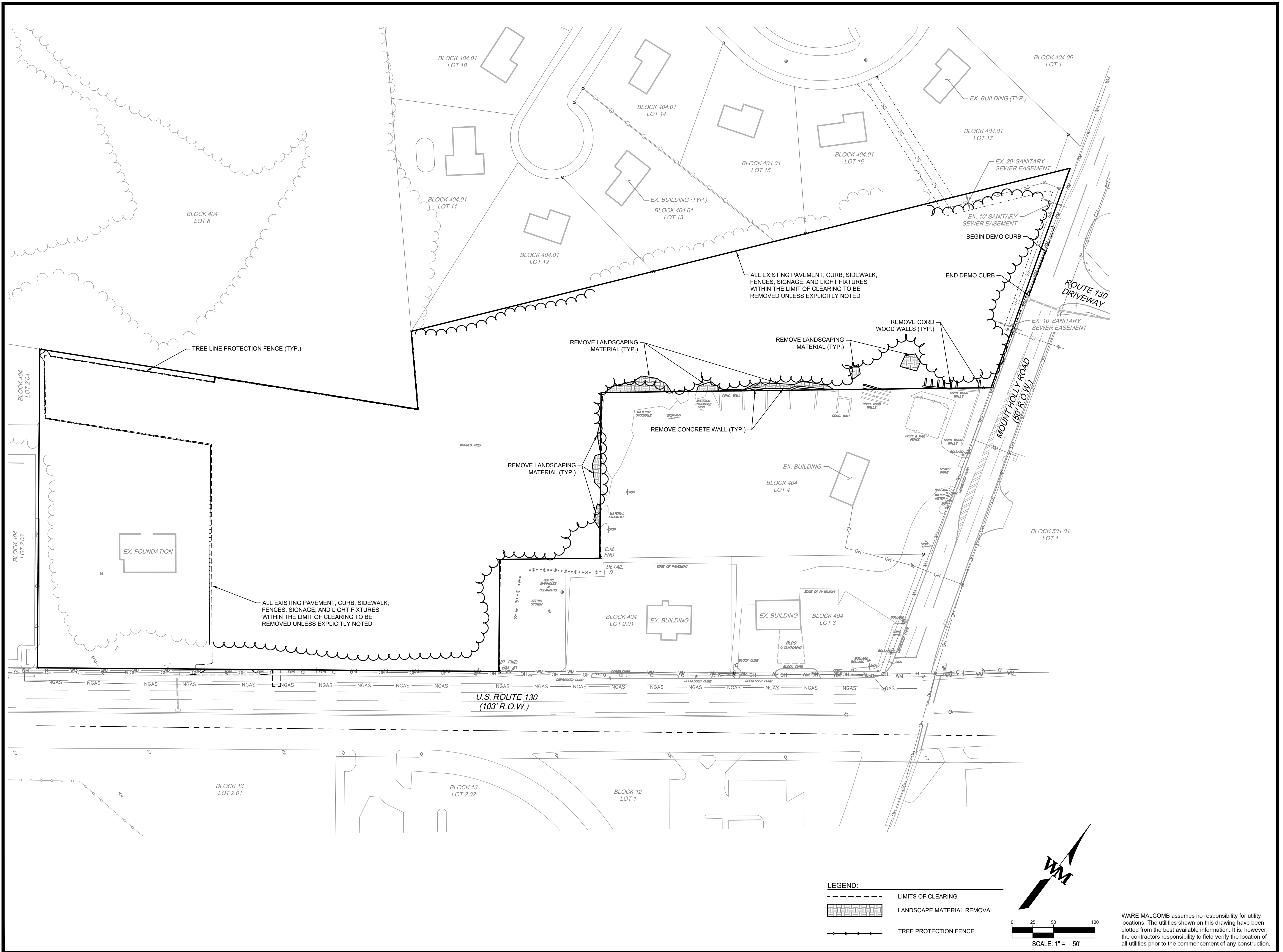
FOR AND ON BEHALF
OF WARE MALCOMB

EDGEWATER PARK - SELF STORAGE DEVELOPMENT
PRELIMINARY SITE PLAN APPLICATION
ZONING COMPLIANCE & NOTES
4201 ROUTE 130, BURLINGTON COUNTY, EDGWATER PARK, NEW JERSEY

NO.	DATE	REMARKS
1	12/07/2020	EDGEWATER PARK REVIEW

JOB NO.:	NYC19-0005
PA / PM:	EW
DRAWN BY:	IH
DATE:	07/21/2020

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FOR AND ON BEHALF
OF WARE MALCOMB

[Signature]
EDWARD W. GOSLER
PROFESSIONAL ENGINEER
NJ LIC. NO. 246280100

EDGEWATER PARK - SELF STORAGE DEVELOPMENT
PRELIMINARY SITE PLAN APPLICATION
EXISTING CONDITIONS & DEMOLITION PLAN
4201 ROUTE 130, BURLINGTON COUNTY, EDgewater PARK, NEW JERSEY

NO.	DATE	REMARKS
1	12/07/2020	EDGEWATER PARK REVIEW

JOB NO.:	NYC19-0005
PA / PM:	EW
DRAWN BY:	IH
DATE:	07/21/2020

SHEET
C2.0
Sheet 3 of 28

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EDWARD W. MALCOMB
PROFESSIONAL ENGINEER
NJ LIC. NO. 246280-000

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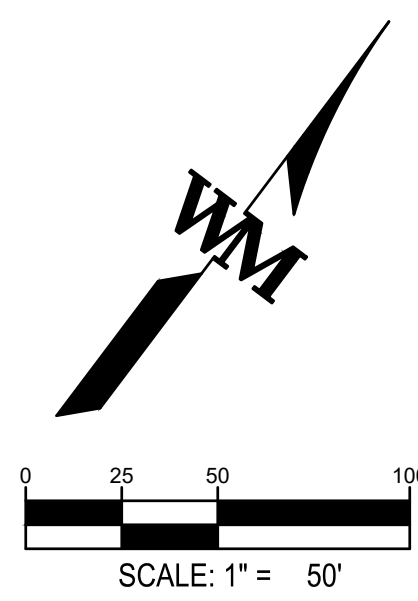
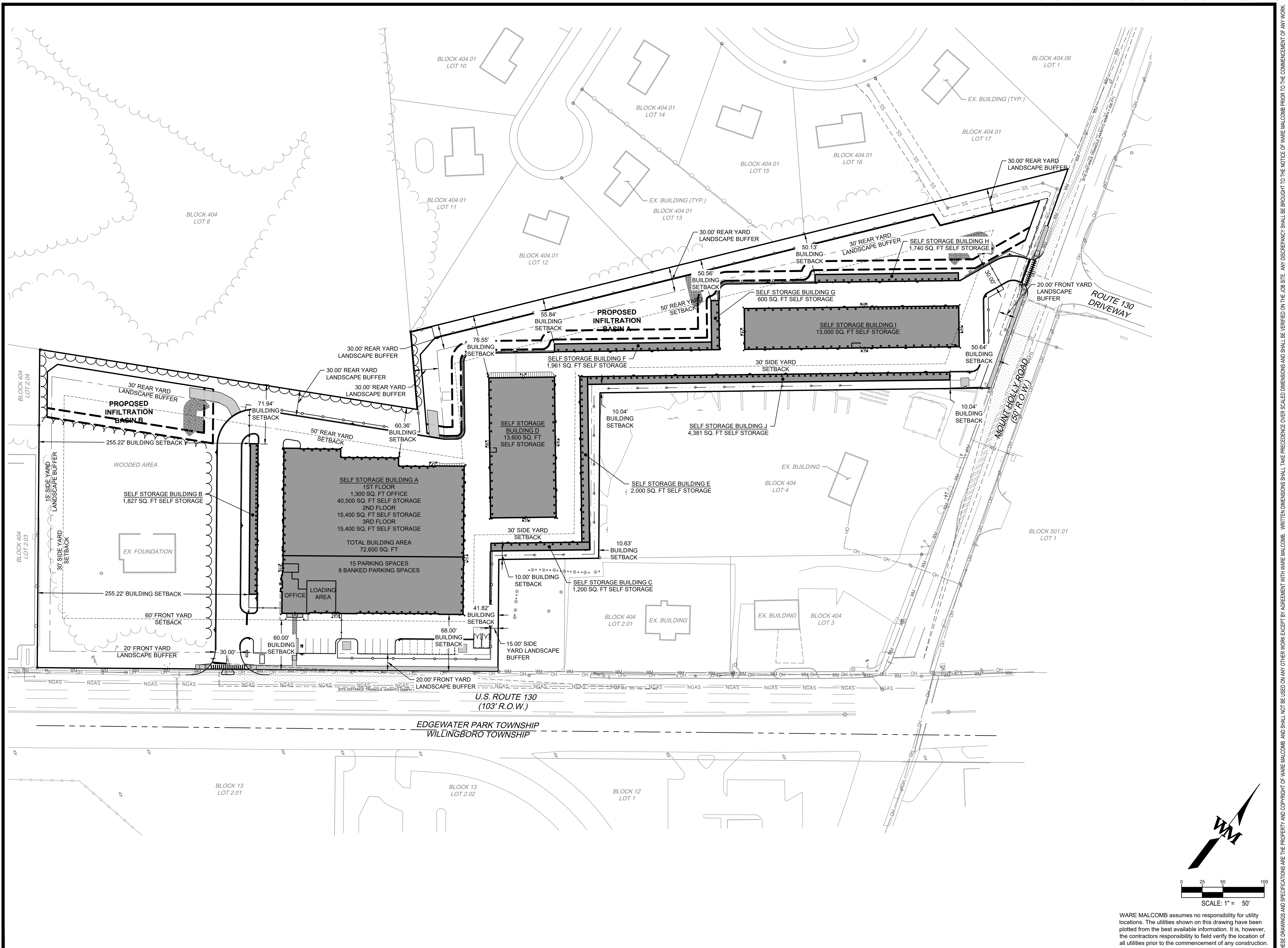
EDGEWATER PARK - SELF STORAGE DEVELOPMENT
PRELIMINARY SITE PLAN APPLICATION
OVERALL SITE PLAN
4201 ROUTE 130, BURLINGTON COUNTY, EDGWATER PARK, NEW JERSEY

NO.	DATE	REMARKS
1	12/07/2020	EDGEWATER PARK REVIEW

JOB NO.:	NYC19-0005
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DATE:	07/21/2020

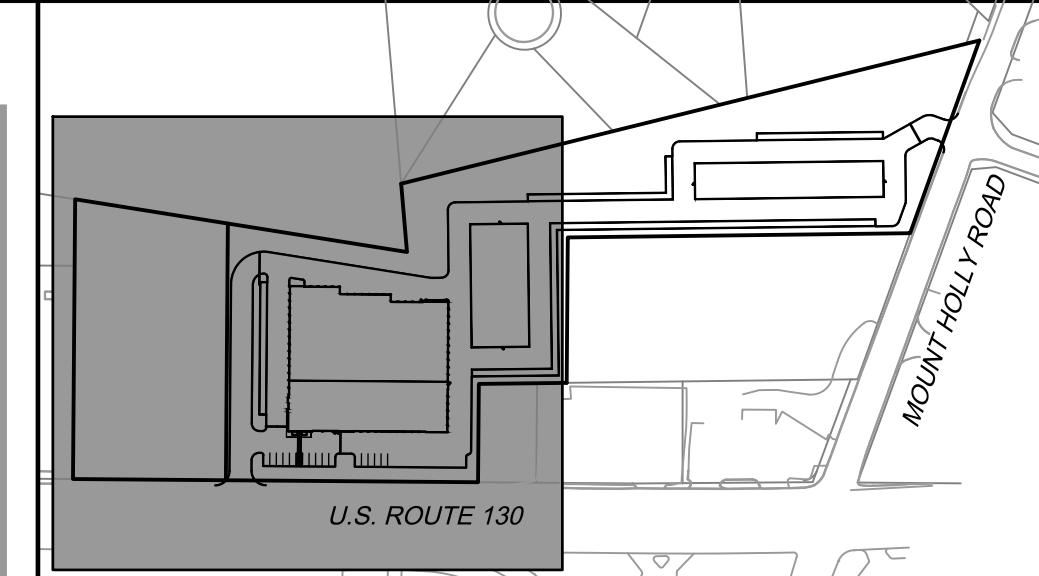
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C3.0
Sheet 4 of 28

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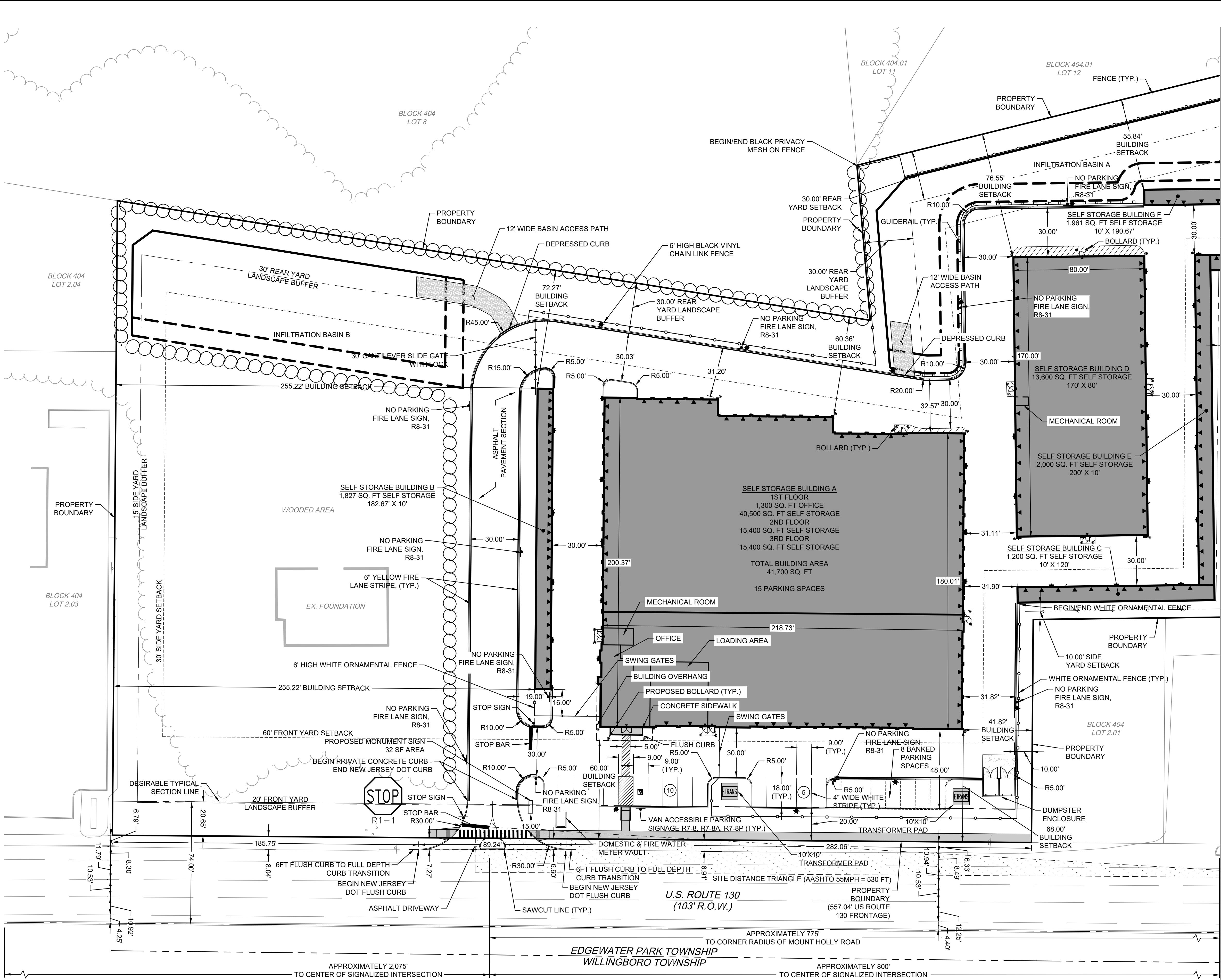
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LEGEND:

- PROPERTY BOUNDARY
- PROPOSED CONCRETE SIDEWALK
- PROPOSED CURB
- PROPOSED SIGN
- EXISTING CURB
- EXISTING SIGN
- PROPOSED ROLL-UP DOOR
- PROPOSED SETBACK LINE
- PROPOSED LANDSCAPE BUFFER LINE

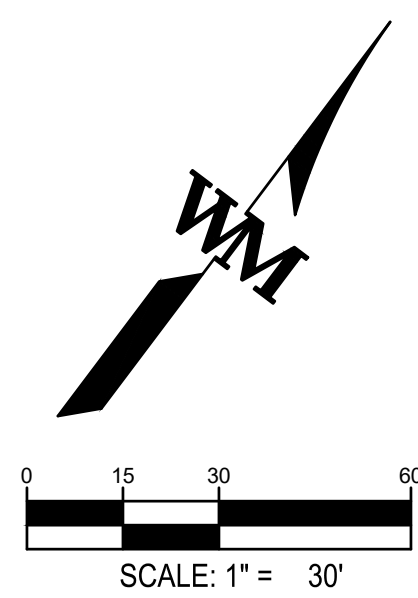


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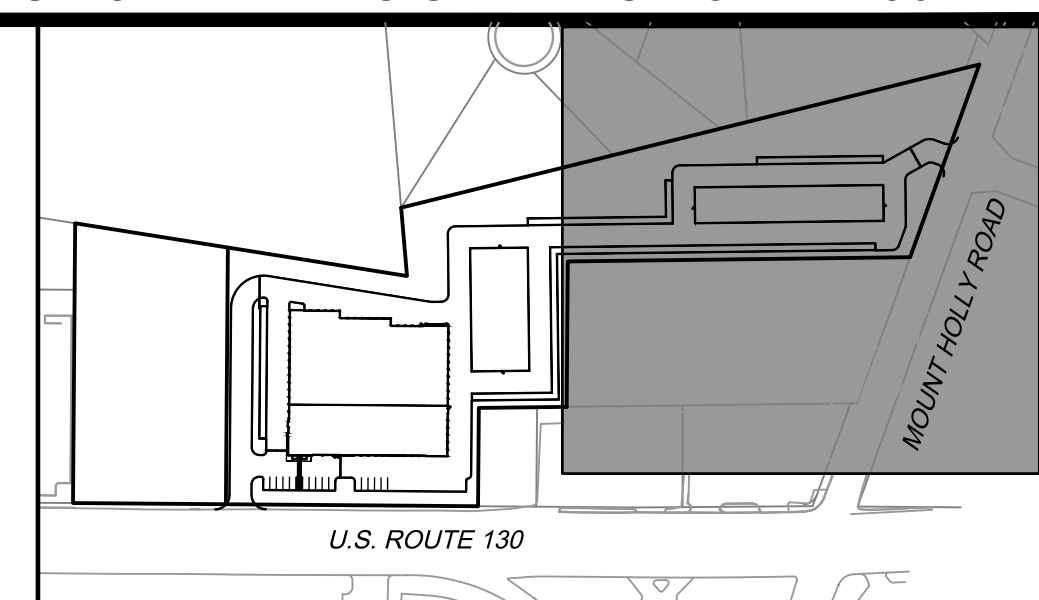
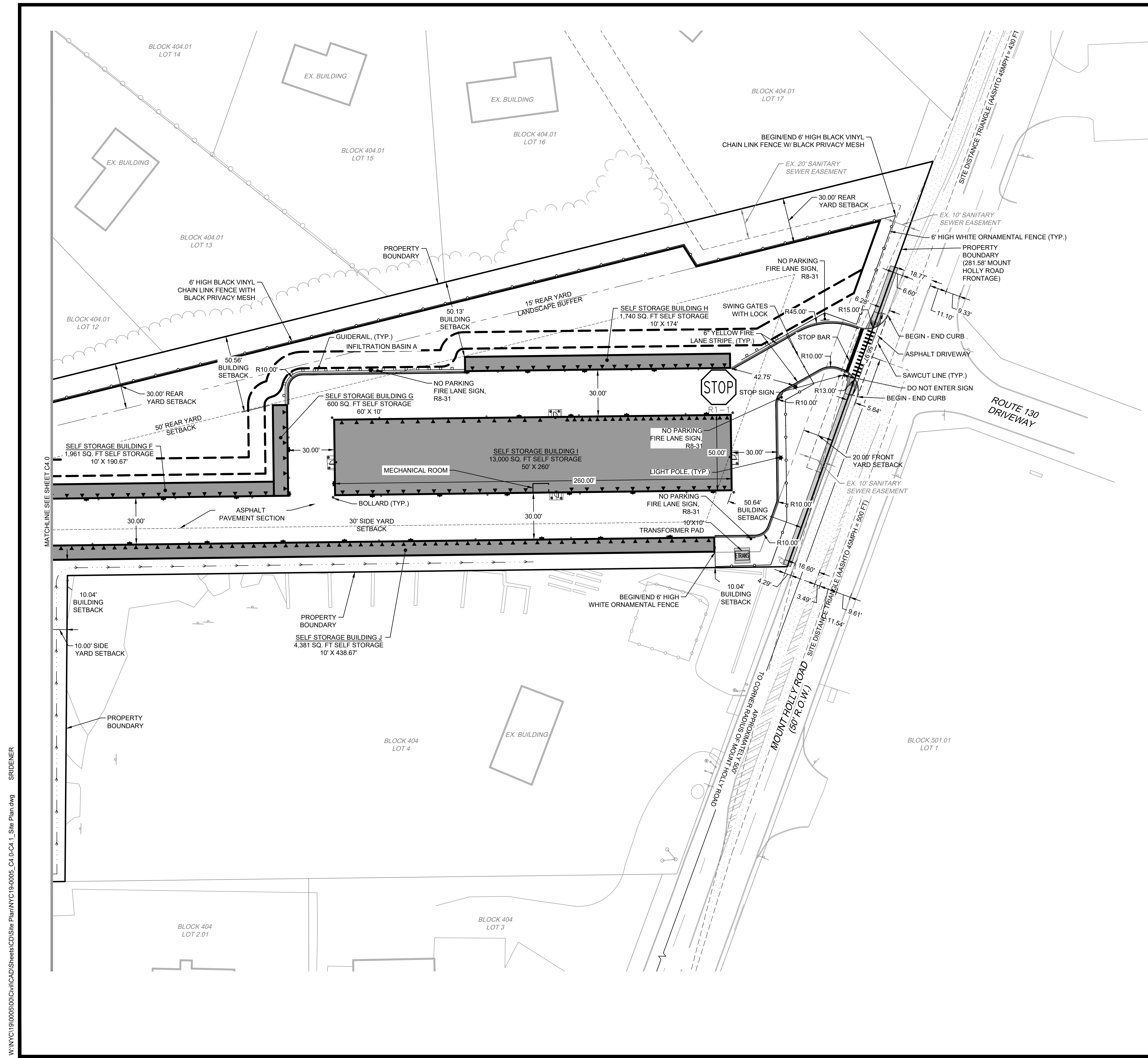
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- LEGEND:**
- PROPERTY BOUNDARY
 - PROPOSED CONCRETE SIDEWALK
 - PROPOSED CURB
 - PROPOSED SIGN
 - EXISTING CURB
 - EXISTING SIGN
 - PROPOSED ROLL-UP DOOR
 - PROPOSED SETBACK LINE

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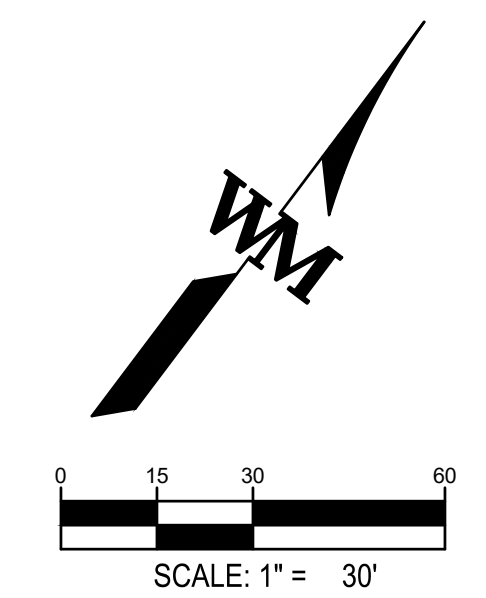
EDGEWATER PARK - SELF STORAGE DEVELOPMENT
PRELIMINARY SITE PLAN APPLICATION
SITE PLAN
4201 ROUTE 130, BURLINGTON COUNTY, EDGWATER PARK, NEW JERSEY

NO.	DATE	REMARKS
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DRAWN BY:	IH
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SHEET
C4.1
Sheet 6 of 28

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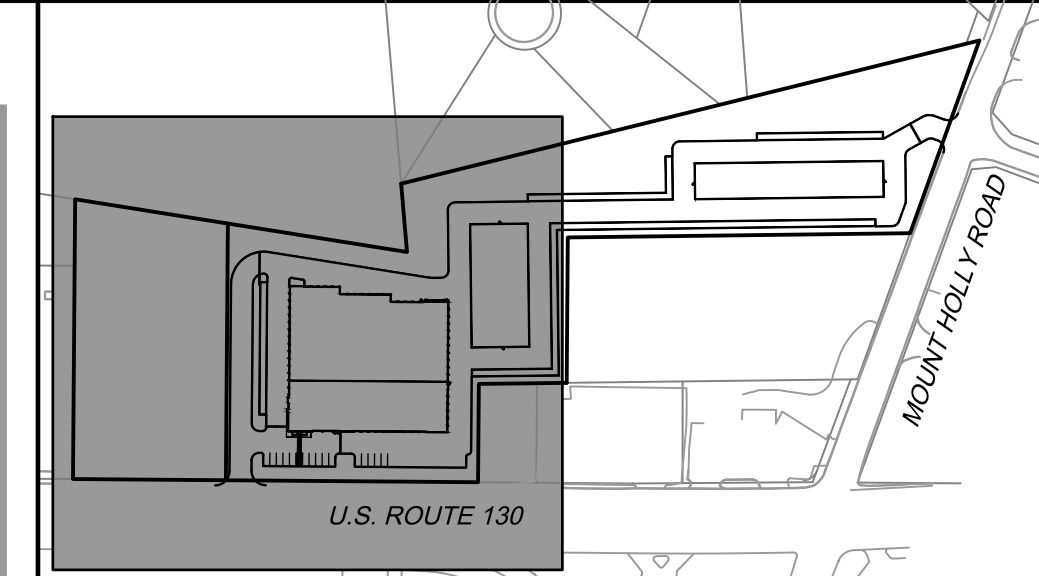


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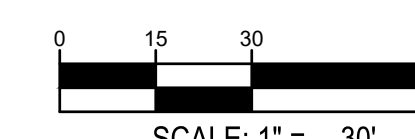
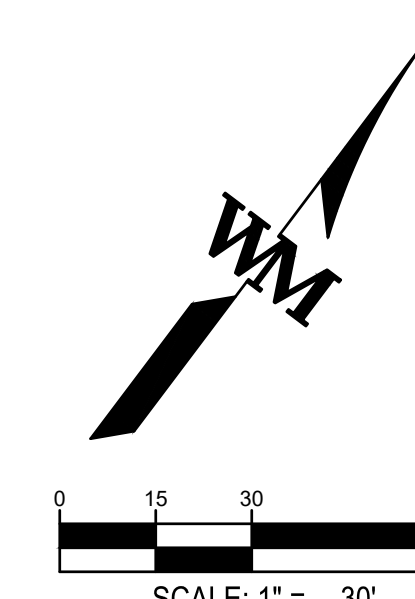
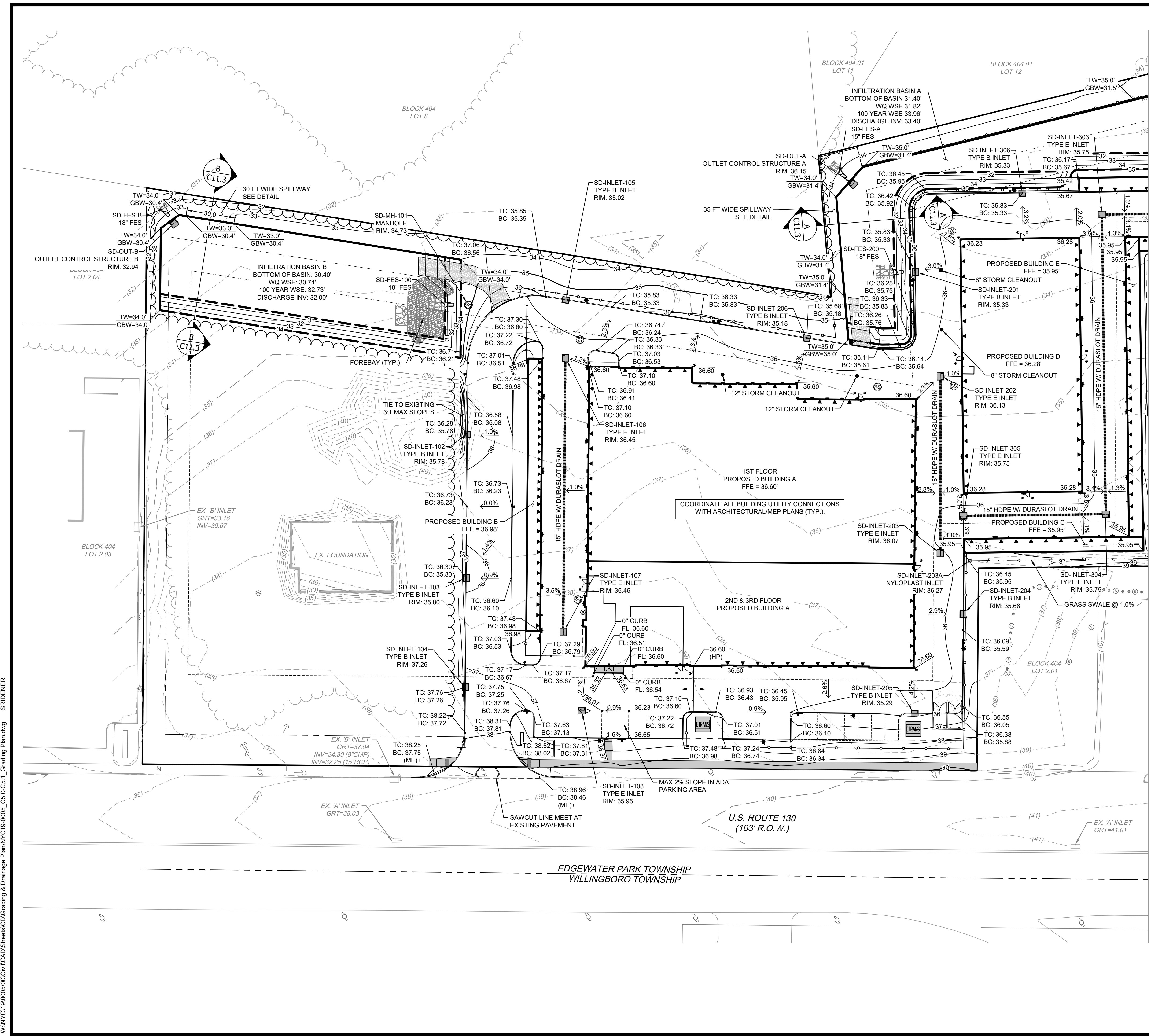


LEGEND:

- 35 — PROPOSED 5' CONTOUR
- 34 — PROPOSED 1' CONTOUR
- (35) — EXISTING 5' CONTOUR
- (34) — EXISTING 1' CONTOUR
- ▬ PROPOSED CONCRETE SIDEWALK
- ⊕ PROPOSED STORM MANHOLE
- ⊕ PROPOSED STORM INLET
- EXISTING CURB
- ⊕ EXISTING SIGN
- ⊕ EXISTING STORM INLET
- ⊕ EXISTING WATER MANHOLE
- ⊕ EXISTING WATER VALVE
- ⊕ EXISTING UTILITY POLE
- ⊕ EXISTING LIGHT POLE
- ⊕ EXISTING NATURAL GAS VALVE
- ⊕ EXISTING SANITARY MANHOLE
- ⊕ EXISTING SANITARY CLEANOUT
- ⊕ PROPOSED SPOT ELEVATION
- XXX% — PROPOSED SLOPE AND DIRECTION
- FLOW DIRECTION
- HP HIGH POINT
- LP LOW POINT
- ME MATCH EXISTING
- GB GRADE BREAK
- GTW GRADE AT TOP OF WALL
- GBW GRADE AT BOTTOM OF WALL
- BOW BACK OF WALK
- TC TOP OF CURB
- BC BOTTOM OF CURB
- EOR EDGE OF RAMP
- FFE FINISHED FLOOR ELEVATION

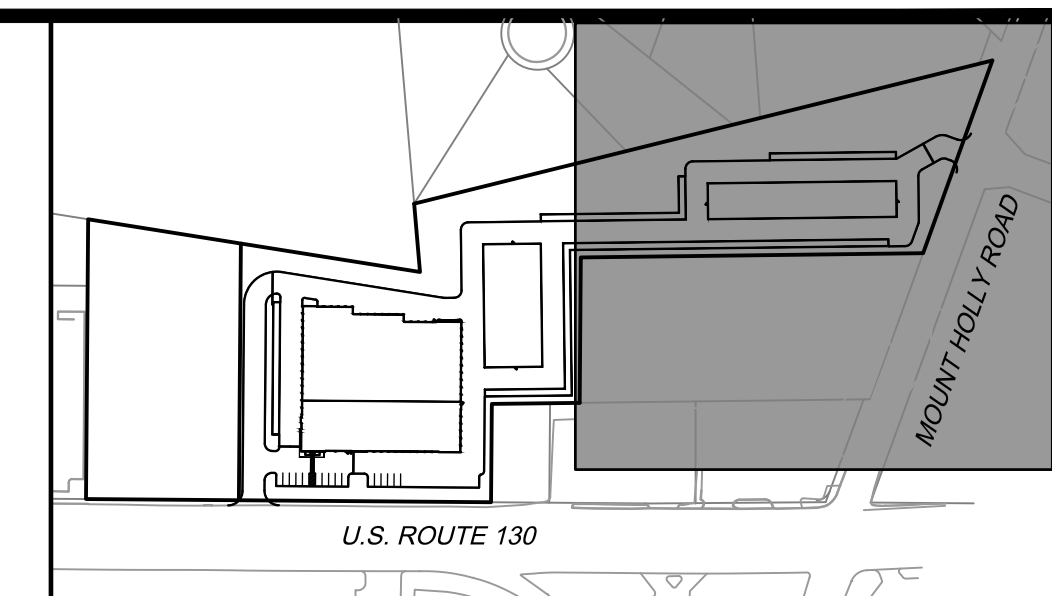
NOTE:

1. REFER TO ARCHITECTURAL PLANS FOR ALL ROOF DRAIN LOCATIONS.



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LEGEND:

- 35 — PROPOSED 5' CONTOUR
- 34 — PROPOSED 1' CONTOUR
- (35) - EXISTING 5' CONTOUR
- (34) - EXISTING 1' CONTOUR
- ▬ PROPOSED CONCRETE SIDEWALK
- ⊕ PROPOSED STORM MANHOLE
- ⊕ PROPOSED STORM INLET
- EXISTING CURB
- ⊕ EXISTING SIGN
- ⊕ EXISTING STORM INLET
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- ⊕ EXISTING NATURAL GAS VALVE
- ⊕ EXISTING SANITARY MANHOLE
- ⊕ EXISTING SANITARY CLEANOUT
- ⊕ PROPOSED SPOT ELEVATION
- XXX% PROPOSED SLOPE AND DIRECTION
- FLOW DIRECTION
- HP HIGH POINT
- LP LOW POINT
- ME MATCH EXISTING
- GB GRADE BREAK
- GTW GRADE AT TOP OF WALL
- GBW GRADE AT BOTTOM OF WALL
- BOW BACK OF WALK
- TC TOP OF CURB
- BC BOTTOM OF CURB
- EOR EDGE OF RAMP
- FFE FINISHED FLOOR ELEVATION

NOTE:
1. REFER TO ARCHITECTURAL PLANS FOR ALL ROOF DRAIN LOCATIONS.

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EDWARD F. WASSER
PROFESSIONAL ENGINEER
NJ LIC. NO. Z46260100

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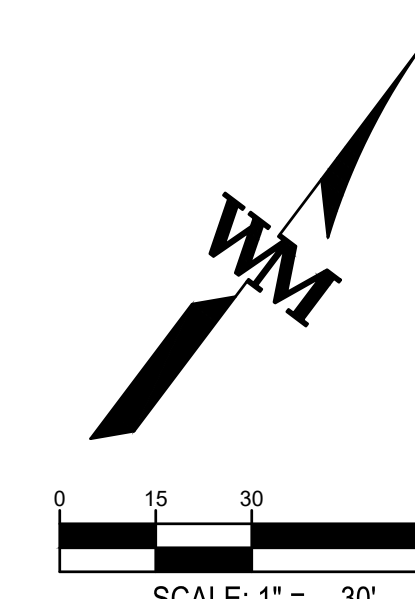
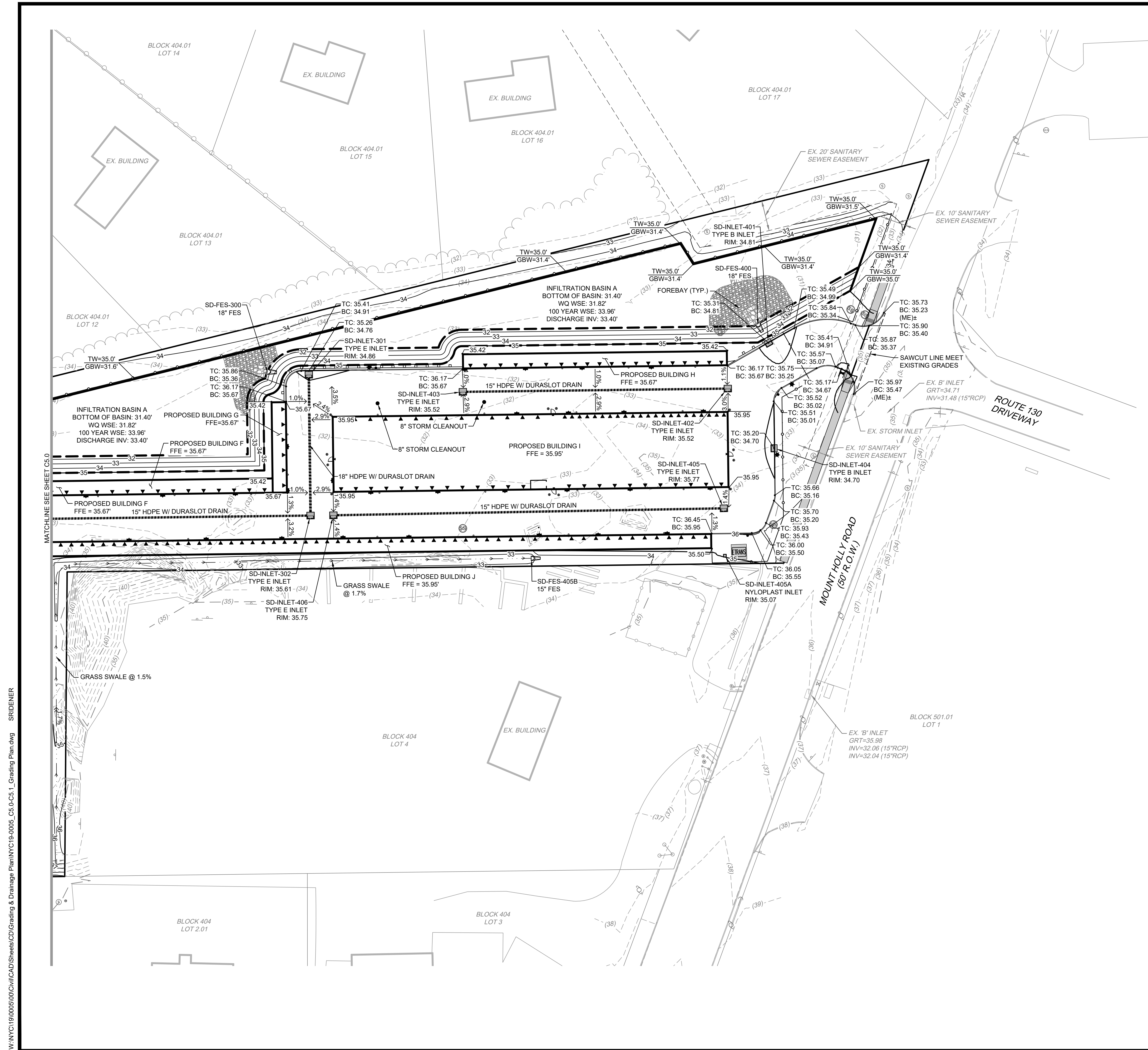
EDGEWATER PARK - SELF STORAGE DEVELOPMENT
PRELIMINARY SITE PLAN APPLICATION
GRADING PLAN
4201 ROUTE 130, BURLINGTON COUNTY, EDGWATER PARK, NEW JERSEY

NO.	DATE	REMARKS
1	12/07/2020	EDGEWATER PARK REVIEW

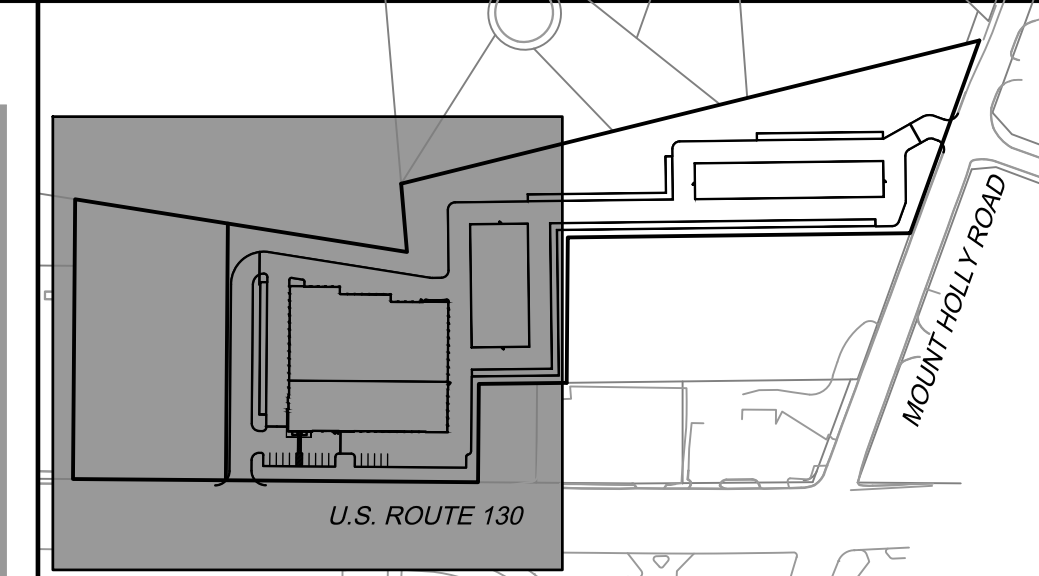
JOB NO.:	NYC19-0005
PA / PM:	EW
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DATE:	07/21/2020

SHEET
C5.1
Sheet 8 of 28

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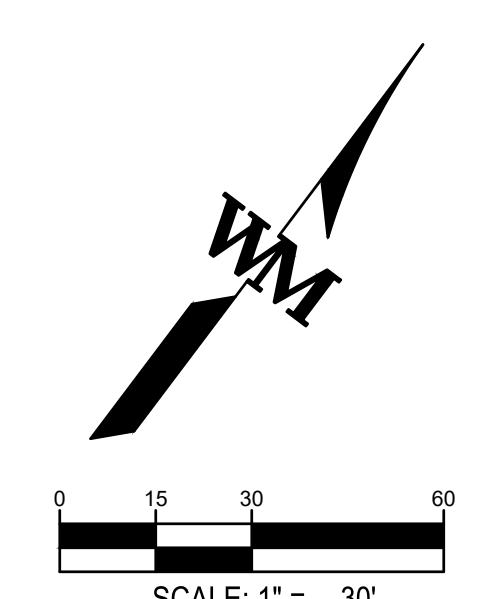
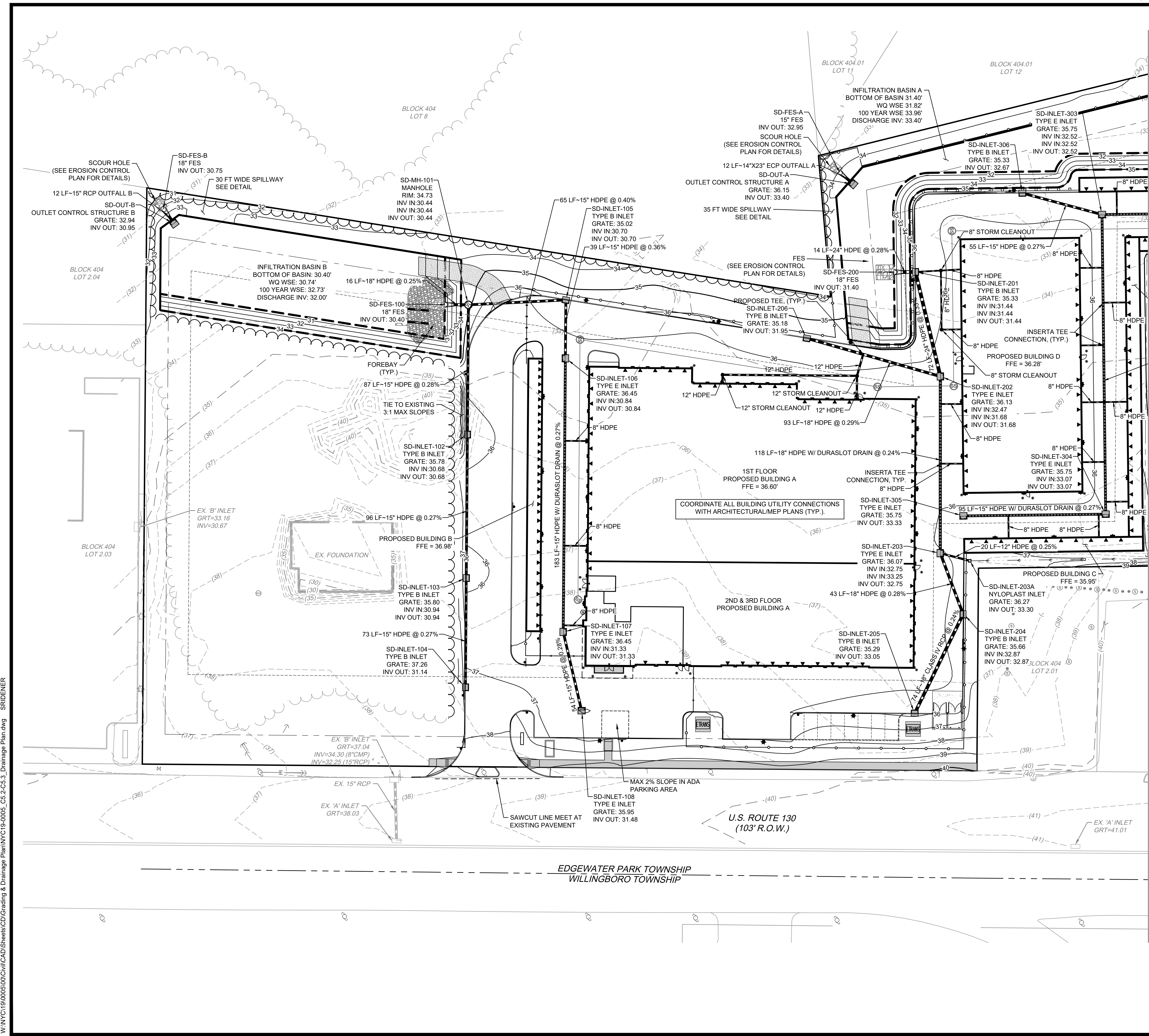


LEGEND:

- 35 — PROPOSED 5' CONTOUR
- 34 — PROPOSED 1' CONTOUR
- (35) — EXISTING 5' CONTOUR
- (34) — EXISTING 1' CONTOUR
- PROPOSED CONCRETE SIDEWALK
- PROPOSED STORM SEWER LINE
- PROPOSED STORM SEWER LINE W/ DURASLOT DRAIN
- PROPOSED STORM MANHOLE
- PROPOSED STORM INLET
- EXISTING CURB
- EXISTING SIGN
- EXISTING STORM SEWER
- EXISTING STORM INLET
- EXISTING WATER LINE
- EXISTING WATER MANHOLE
- EXISTING WATER VALVE
- EXISTING OVERHEAD ELECTRIC LINE
- EXISTING UTILITY POLE
- EXISTING LIGHT POLE
- NGAS — EXISTING NATURAL GAS LINE
- EXISTING NATURAL GAS VALVE
- SS — EXISTING SANITARY SEWER LINE
- EXISTING SANITARY MANHOLE
- EXISTING SANITARY CLEANOUT
- PROPOSED SPOT ELEVATION
- PROPOSED SLOPE AND DIRECTION
- HP — HIGH POINT
- LP — LOW POINT
- ME — MATCH EXISTING
- GB — GRADE BREAK
- GTW — GRADE AT TOP OF WALL
- GBW — GRADE AT BOTTOM OF WALL
- BOW — BACK OF WALK
- TC — TOP OF CURB
- BC — BOTTOM OF CURB
- EOR — EDGE OF RAMP
- FFE — FINISHED FLOOR ELEVATION

NOTE:

- REFER TO ARCHITECTURAL PLANS FOR ALL ROOF DRAIN LOCATIONS.
- CONTRACTOR TO USE INSERTA TEE CONNECTION OR APPROVED EQUAL TO CONNECT ROOF LEADERS TO DURASLOT DRAINS.



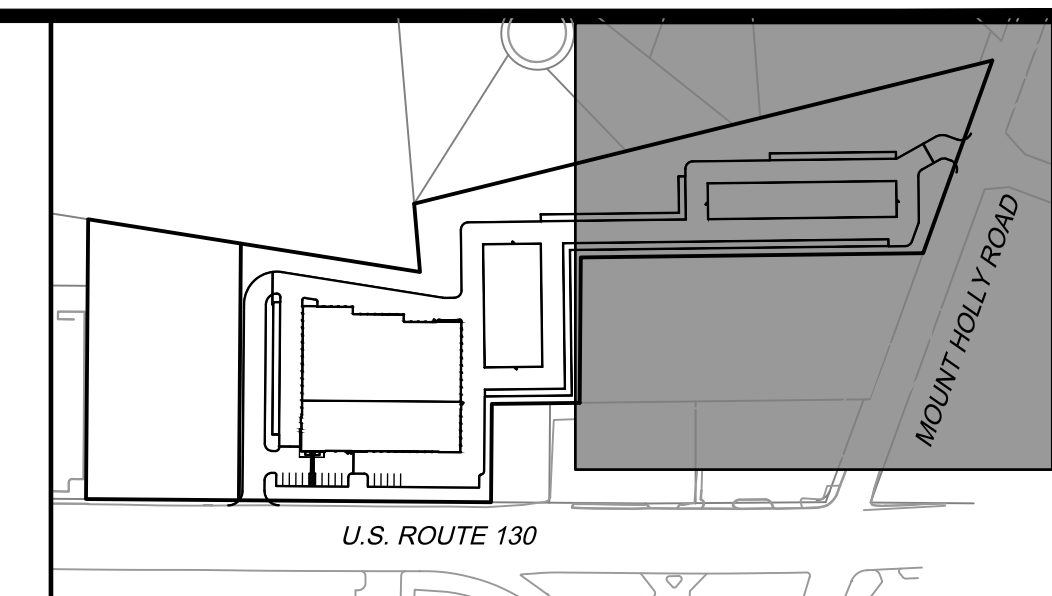
NO.	DATE	REMARKS
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JOB NO.:	NYC19-0005
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LEGEND:

- 35 — PROPOSED 5' CONTOUR
- 34 — PROPOSED 1' CONTOUR
- (35) - EXISTING 5' CONTOUR
- (34) - EXISTING 1' CONTOUR
- ▬ PROPOSED CONCRETE SIDEWALK
- ▬ PROPOSED STORM SEWER LINE
- ▬ PROPOSED STORM SEWER LINE W/ DURASLOT DRAIN
- ⊙ PROPOSED STORM MANHOLE
- ⊙ PROPOSED STORM INLET
- ⊙ EXISTING CURB
- ⊙ EXISTING SIGN
- ▬ EXISTING STORM SEWER
- ▬ EXISTING STORM INLET
- ▬ EXISTING WATER LINE
- ⊙ EXISTING WATER MANHOLE
- ⊙ EXISTING WATER VALVE
- ⊙ EXISTING OVERHEAD ELECTRIC LINE
- ⊙ EXISTING UTILITY POLE
- ⊙ EXISTING LIGHT POLE
- ▬ EXISTING NATURAL GAS LINE
- ⊙ EXISTING NATURAL GAS VALVE
- ▬ EXISTING SANITARY SEWER LINE
- ⊙ EXISTING SANITARY MANHOLE
- ⊙ EXISTING SANITARY CLEANOUT
- XX.XX PROPOSED SPOT ELEVATION
- XXX% PROPOSED SLOPE AND DIRECTION
- FLOW DIRECTION
- HP HIGH POINT
- LP LOW POINT
- ME MATCH EXISTING
- GB GRADE BREAK
- GTW GRADE AT TOP OF WALL
- GBW GRADE AT BOTTOM OF WALL
- BOW BACK OF WALK
- TC TOP OF CURB
- BC BOTTOM OF CURB
- EOR EDGE OF RAMP
- FFE FINISHED FLOOR ELEVATION

NOTE:
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 2. CONTRACTOR TO USE INSERTA TEE CONNECTION OR APPROVED EQUAL TO CONNECT ROOF LEADERS TO DURASLOT DRAINS.

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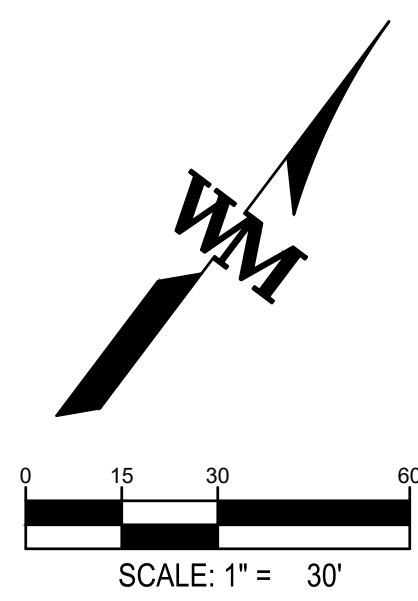
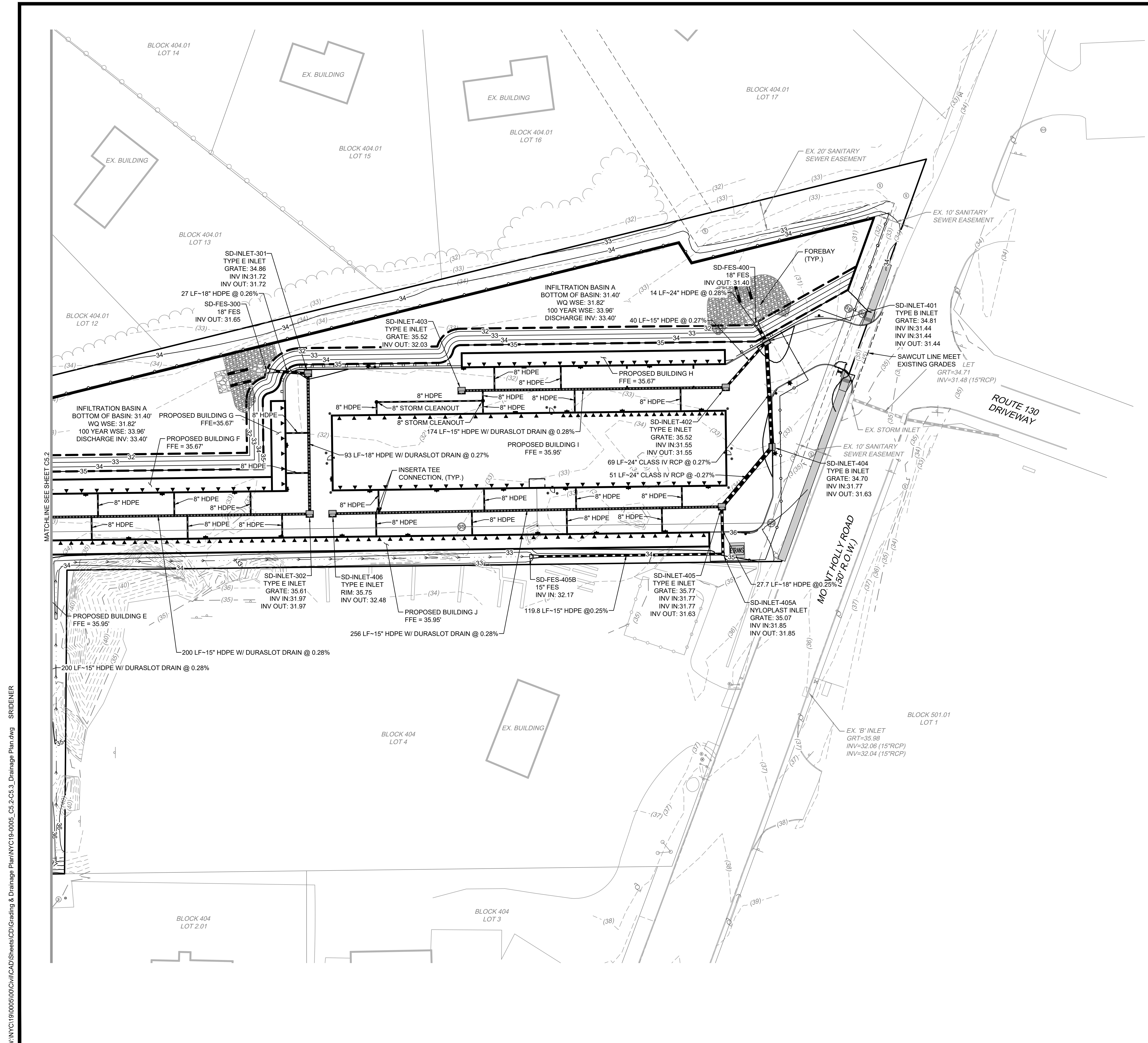
EDGEWATER PARK - SELF STORAGE DEVELOPMENT
 PRELIMINARY SITE PLAN APPLICATION
 DRAINAGE PLAN
 4201 ROUTE 130, BURLINGTON COUNTY, EDGWATER PARK, NEW JERSEY

NO.	DATE	REMARKS
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DATE:	07/21/2020

SHEET
C5.3
 Sheet 10 of 28

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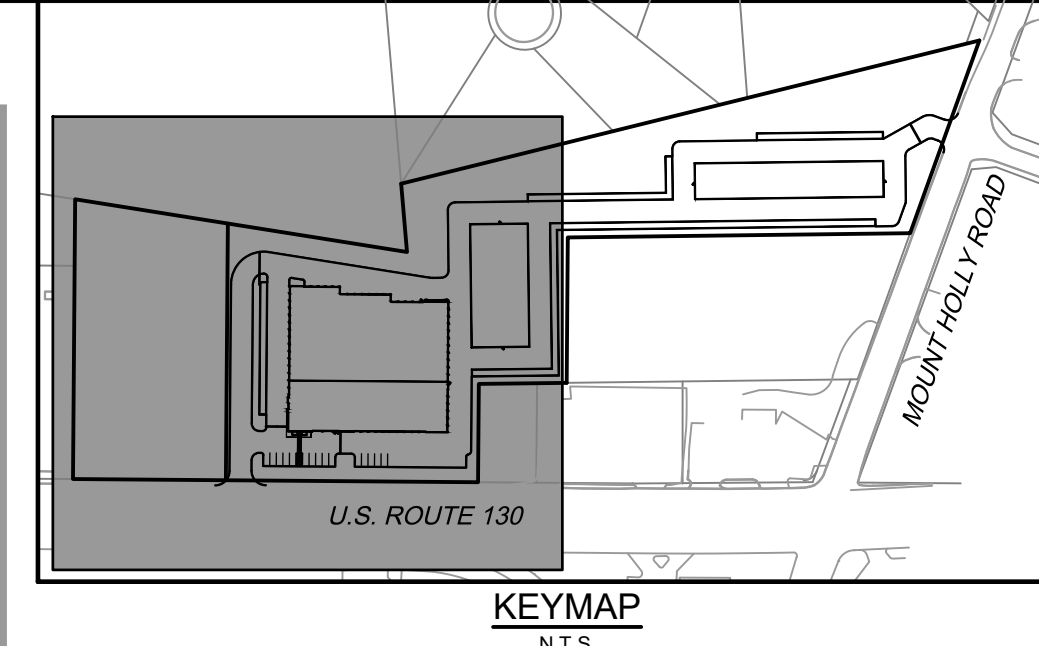


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NO.	DATE	REMARKS
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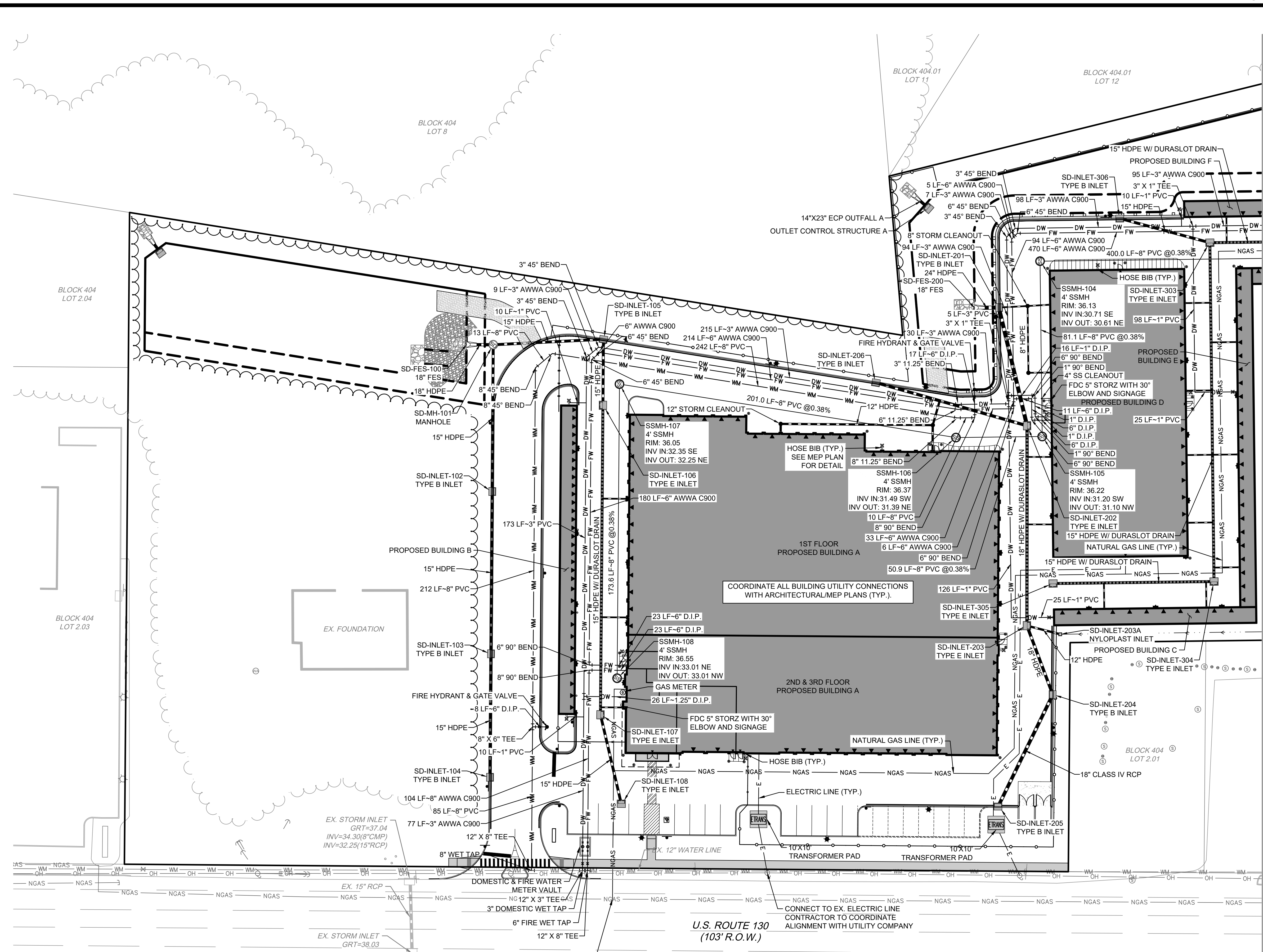
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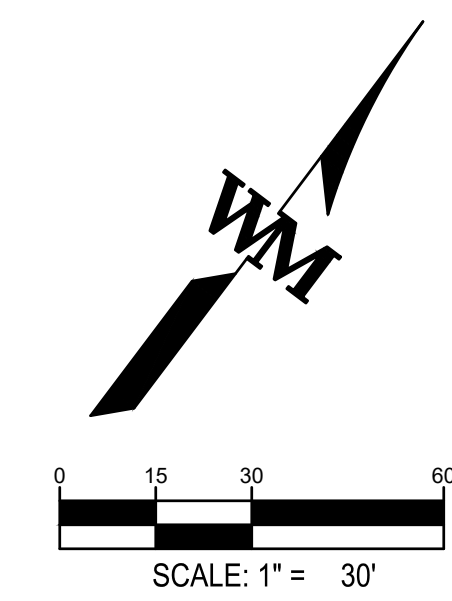
- PROPOSED CONCRETE SIDEWALK
- PROPOSED 8" WATER LINE
- PROPOSED 6" FIRE WATER LINE
- PROPOSED 3" DOMESTIC WATER LINE
- PROPOSED SANITARY SEWER LINE
- PROPOSED SANITARY MANHOLE
- PROPOSED STORM SEWER LINE
- PROPOSED STORM SEWER LINE W/ DURASLOT DRAIN
- PROPOSED STORM MANHOLE
- PROPOSED STORM INLET
- PROPOSED NATURAL GAS LINE
- EXISTING CURB
- EXISTING SIGN
- EXISTING STORM SEWER
- EXISTING STORM INLET
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- EXISTING WATER MANHOLE
- EXISTING WATER VALVE
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- EXISTING NATURAL GAS LINE
- EXISTING NATURAL GAS VALVE
- EXISTING SANITARY SEWER LINE
- EXISTING SANITARY MANHOLE
- EXISTING SANITARY CLEANOUT

MATCHLINE SEE SHEET C6.1



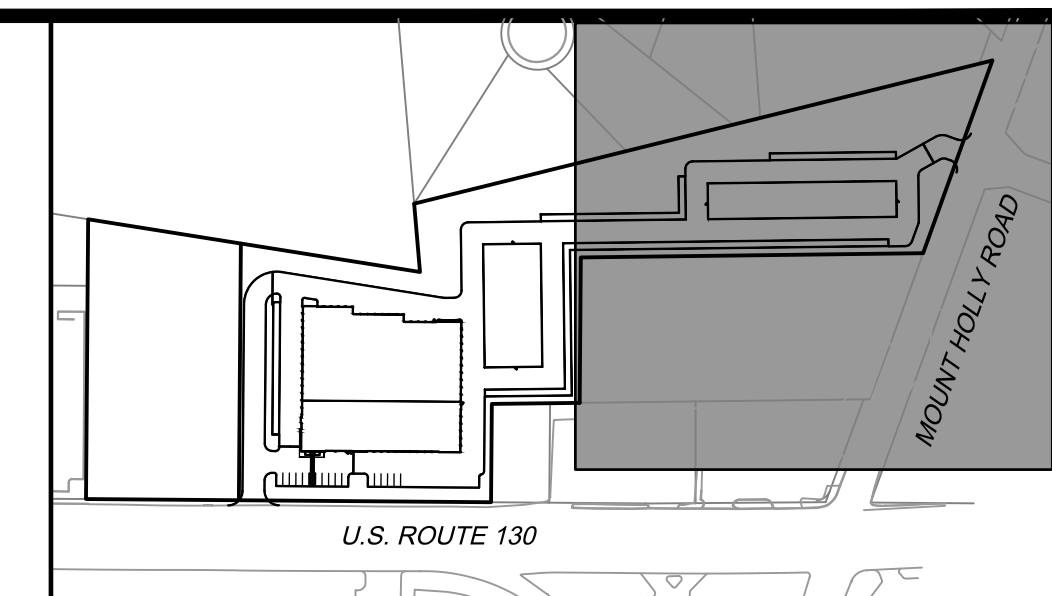
U.S. ROUTE 130
(103' R.O.W.)

EDGEWATER PARK TOWNSHIP
WILLINGBORO TOWNSHIP



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LEGEND:

- PROPOSED CONCRETE SIDEWALK
- WM PROPOSED 8" WATER LINE
- FW PROPOSED 6" FIRE WATER LINE
- DW PROPOSED 3" DOMESTIC WATER LINE
- SS PROPOSED SANITARY SEWER LINE
- SSM PROPOSED SANITARY MANHOLE
- SSM-D PROPOSED STORM SEWER LINE W/ DURASLOT DRAIN
- SMH PROPOSED STORM MANHOLE
- SSM-IN PROPOSED STORM INLET
- NGAS PROPOSED NATURAL GAS LINE
- EXISTING CURB
- EXISTING SIGN
- WM EXISTING STORM SEWER
- WM EXISTING STORM INLET
- WM EXISTING WATER LINE
- WM EXISTING WATER MANHOLE
- WM EXISTING WATER VALVE
- OH EXISTING OVERHEAD ELECTRIC LINE
- U EXISTING UTILITY POLE
- LP EXISTING LIGHT POLE
- NGAS EXISTING NATURAL GAS LINE
- NGAS EXISTING NATURAL GAS VALVE
- SS EXISTING SANITARY SEWER LINE
- SSM EXISTING SANITARY MANHOLE
- SSM-C EXISTING SANITARY CLEANOUT

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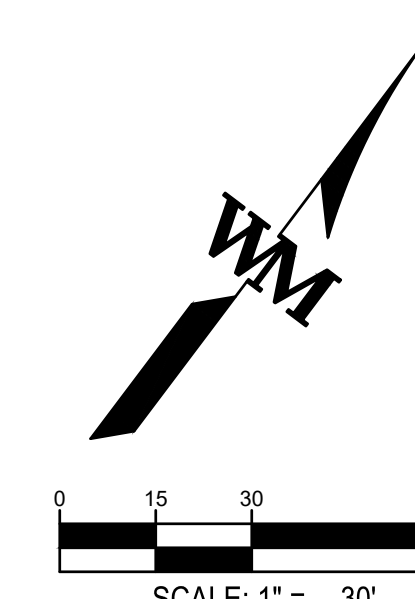
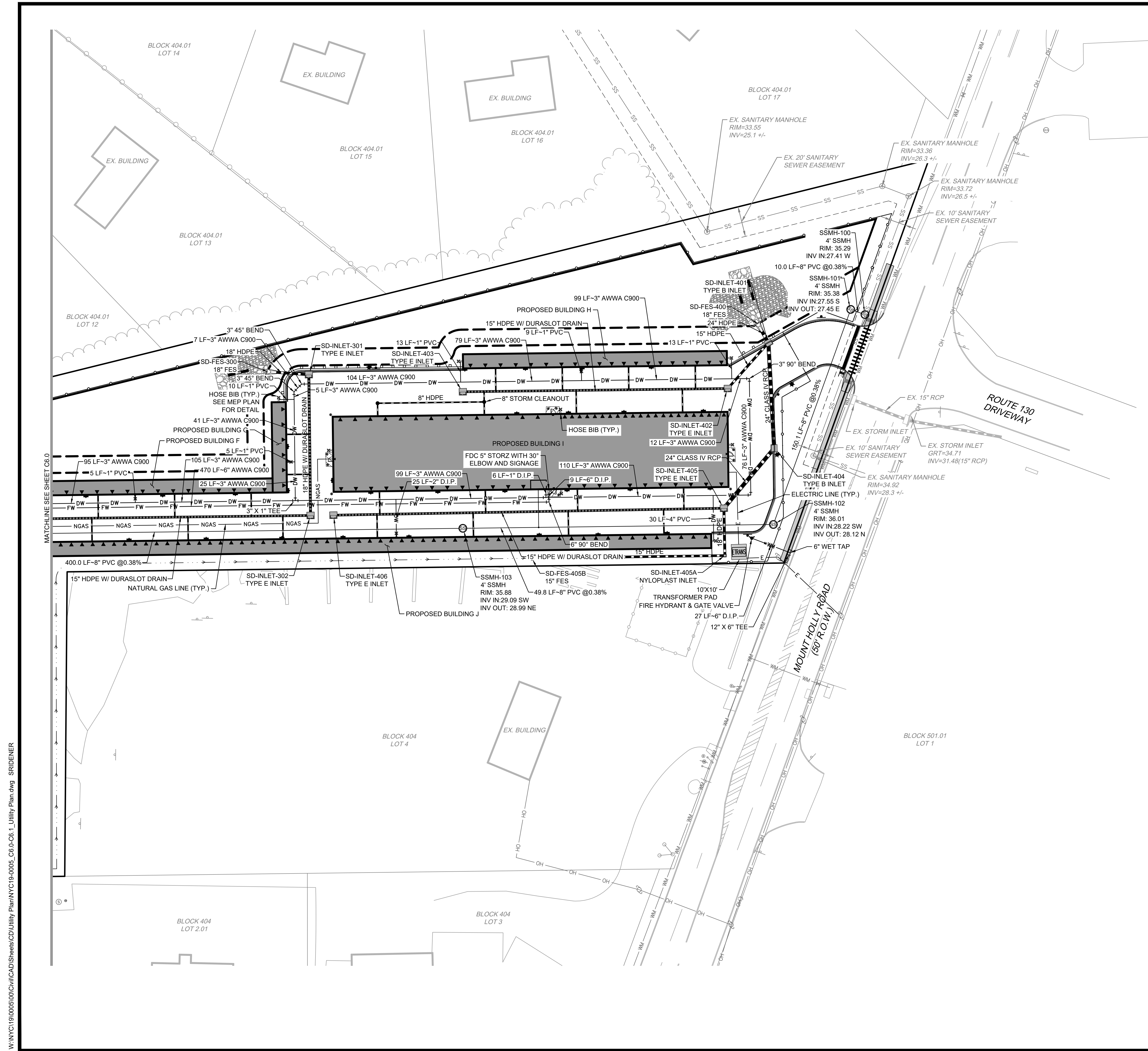
EDGEWATER PARK - SELF STORAGE DEVELOPMENT
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UTILITY PLAN
4201 ROUTE 130, BURLINGTON COUNTY, EDGWATER PARK, NEW JERSEY

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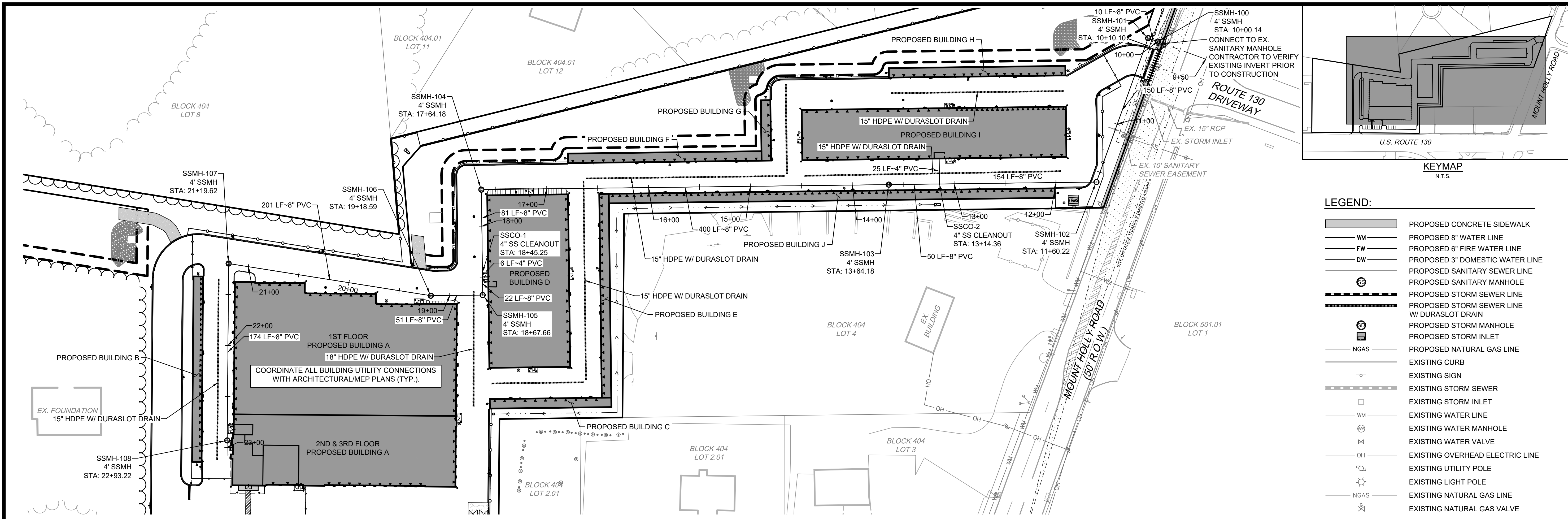
SHEET
C6.1
Sheet 12 of 28

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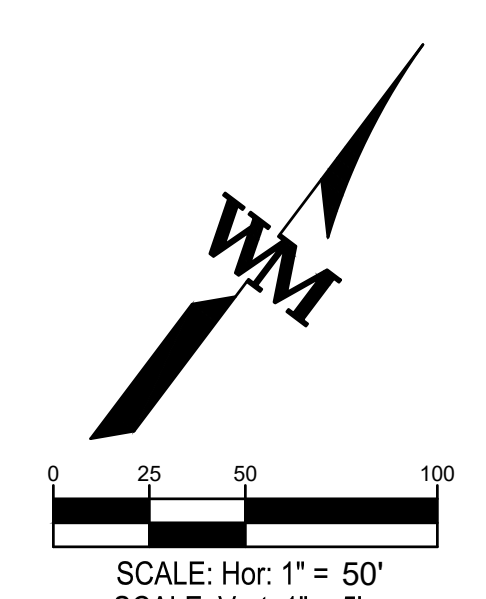
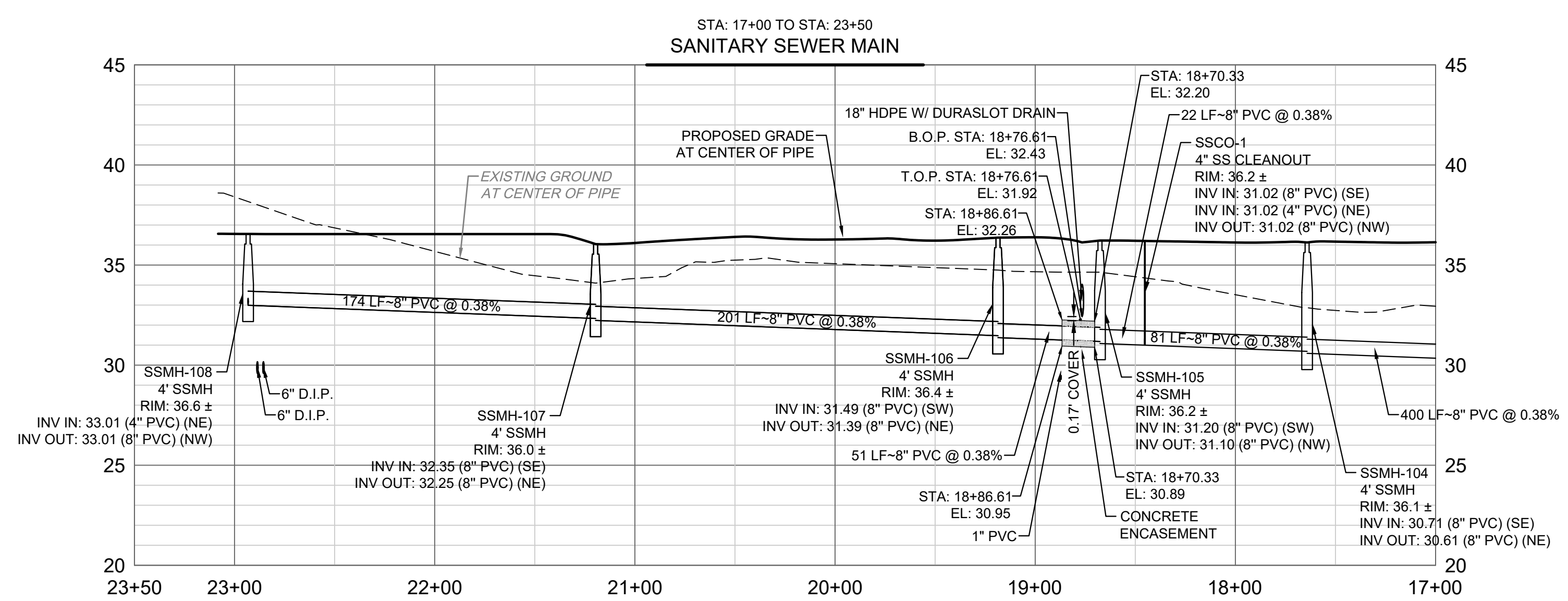
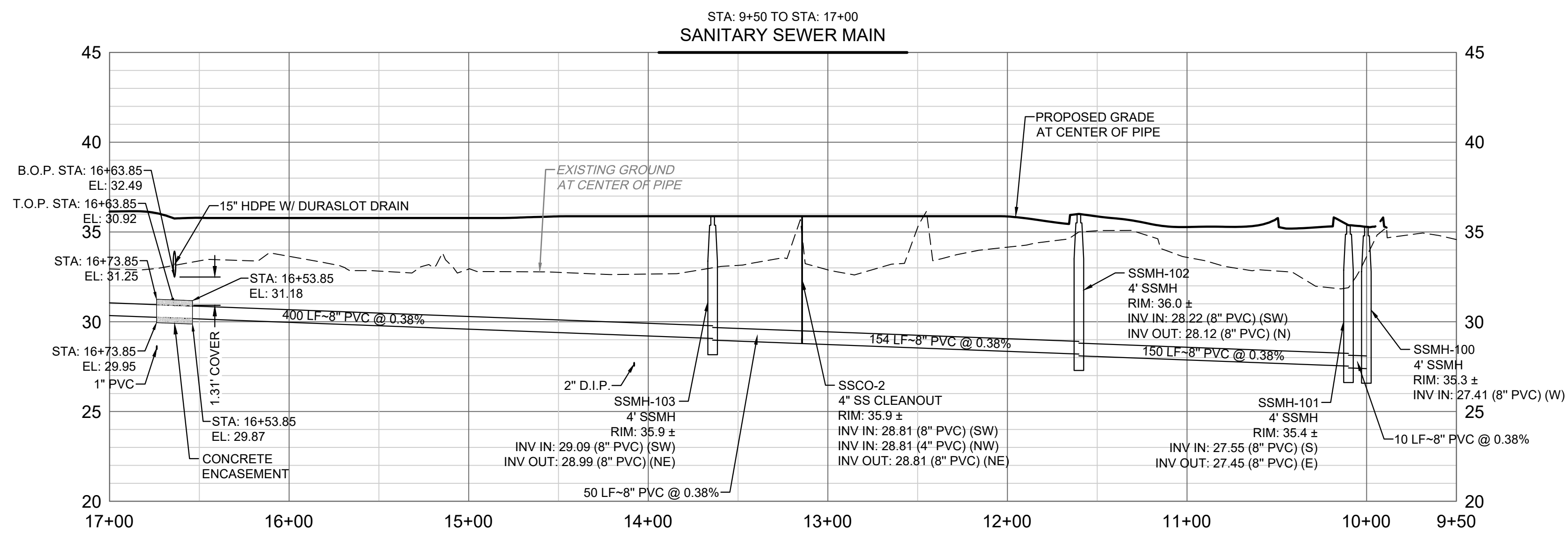


WARE MALCOMB assumes no responsibility for utility locations. The utilities shown on this drawing have been plotted from the best available information. It is, however, the contractors responsibility to field verify the location of all utilities prior to the commencement of any construction.

W:\NYC19\0005\000\CD\Utility Plan\NYC19-0005_C6.0-C6.1_Utility Plan.dwg SRD:NER



- LEGEND:**
- PROPOSED CONCRETE SIDEWALK
 - PROPOSED 8" WATER LINE
 - PROPOSED 6" FIRE WATER LINE
 - PROPOSED 3" DOMESTIC WATER LINE
 - PROPOSED SANITARY SEWER LINE
 - PROPOSED SANITARY MANHOLE
 - PROPOSED STORM SEWER LINE
 - PROPOSED STORM SEWER LINE W/ DURASLOT DRAIN
 - PROPOSED STORM MANHOLE
 - PROPOSED STORM INLET
 - PROPOSED NATURAL GAS LINE
 - EXISTING CURB
 - EXISTING SIGN
 - EXISTING STORM SEWER
 - EXISTING STORM INLET
 - EXISTING WATER LINE
 - EXISTING WATER MANHOLE
 - EXISTING WATER VALVE
 - EXISTING OVERHEAD ELECTRIC LINE
 - EXISTING UTILITY POLE
 - EXISTING LIGHT POLE
 - EXISTING NATURAL GAS LINE
 - EXISTING NATURAL GAS VALVE
 - EXISTING SANITARY SEWER LINE
 - EXISTING SANITARY MANHOLE
 - EXISTING SANITARY CLEANOUT



WARE MALCOMB
LEADING DESIGN FOR COMMERCIAL REAL ESTATE

110 edison place
suite 303
newark, nj 07102
p 732.986.9000
waremalcomb.com

FOR AND ON BEHALF OF WARE MALCOMB

EDGEWATER PARK - SELF STORAGE DEVELOPMENT

PRELIMINARY SITE PLAN APPLICATION
SANITARY SEWER PLAN & PROFILE

4201 ROUTE 130, BURLINGTON COUNTY, EDGWATER PARK, NEW JERSEY

NO.	DATE	REMARKS
1	12/07/2020	EDGEWATER PARK REVIEW

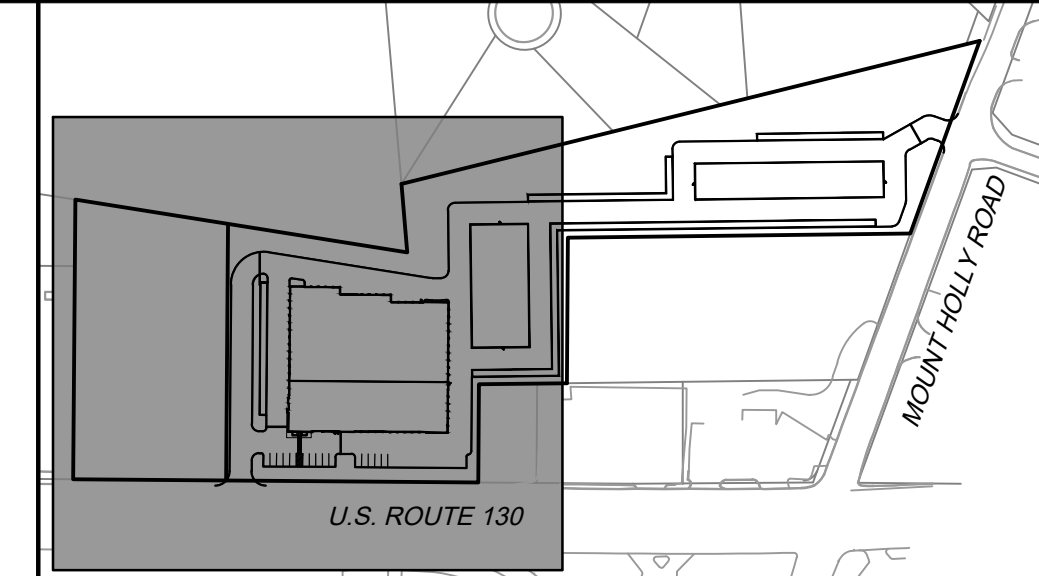
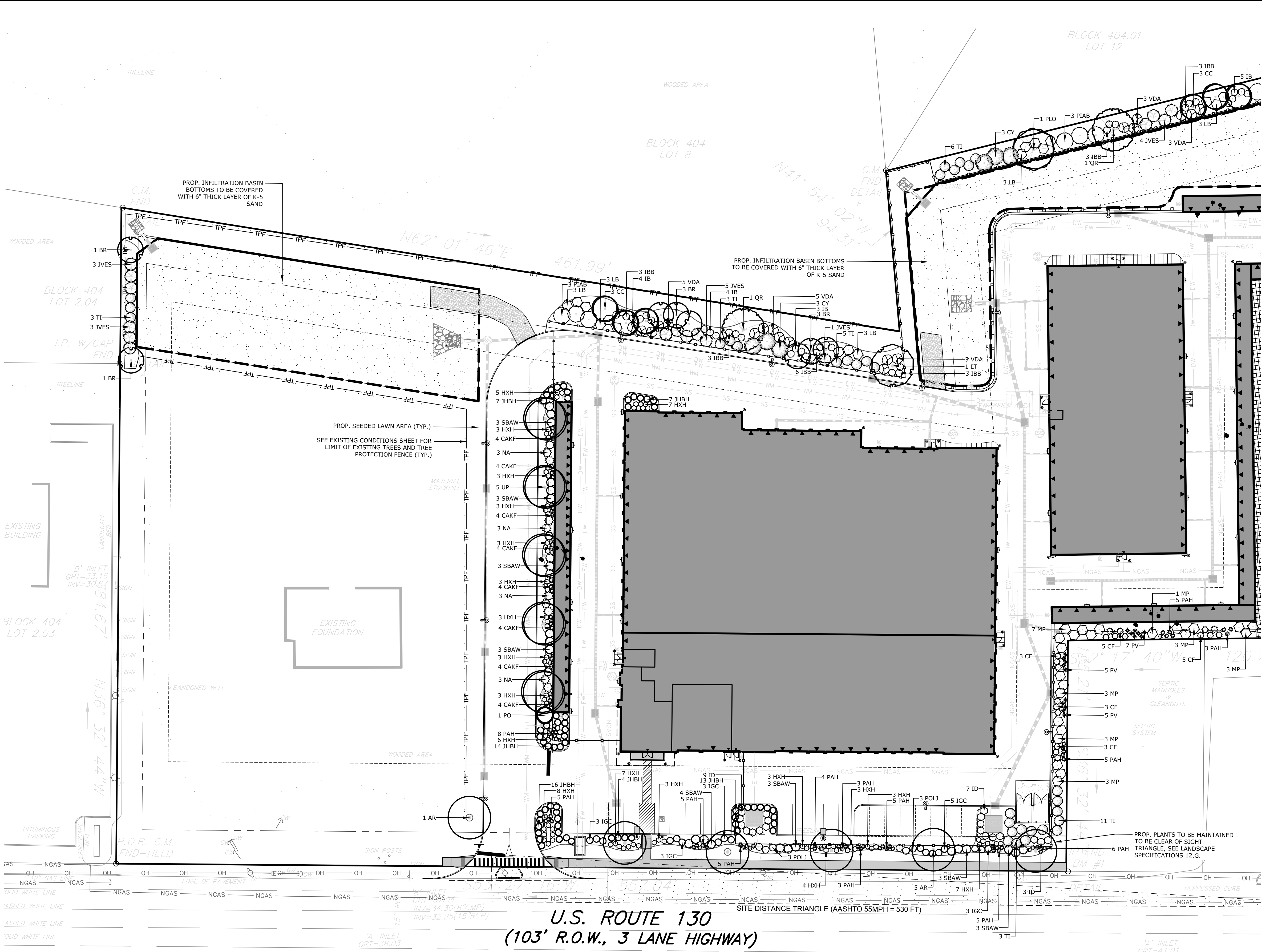
JOB NO.:	NYC19-0005
PA / PM:	EW
DRAWN BY:	IH
DATE:	07/21/2020 07.12.2020

SHEET
C7.0
Sheet 13 of 28

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- LEGEND:**
- PROPERTY BOUNDARY
 - PROPOSED CONCRETE SIDEWALK
 - PROPOSED CURB
 - PROPOSED SIGN
 - EXISTING CURB
 - EXISTING SIGN
 - PROPOSED DOOR
 - PROPOSED SETBACK LINE

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LAND IDENTITY
A Professional Land Surveying Company

GRIGORIY V. GREGG, L.L.A.
NJ LICENSE # 35A90095100
CERT. OF AUTH. 21MH000005

EDGEWATER PARK - SELF STORAGE DEVELOPMENT

PRELIMINARY SITE PLAN APPLICATION
LANDSCAPE PLAN

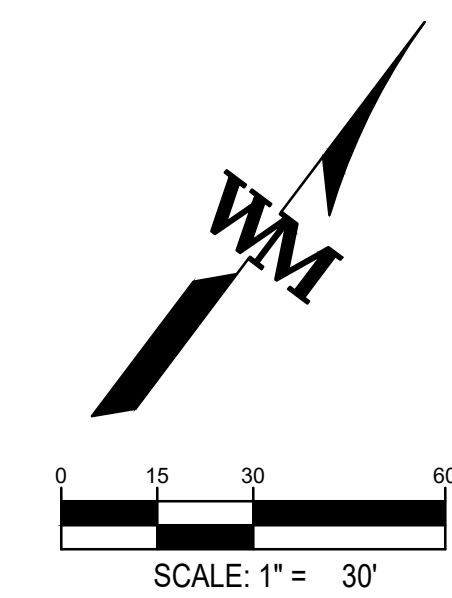
4201 ROUTE 130, BURLINGTON COUNTY, EDGWATER PARK, NEW JERSEY

NO.	DATE	REMARKS
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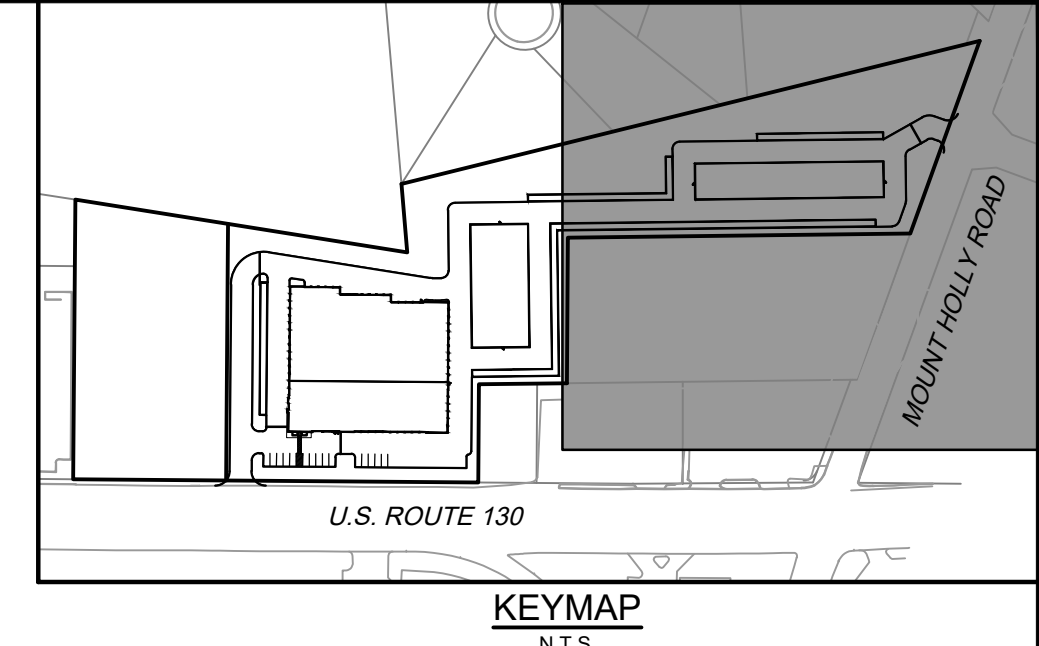
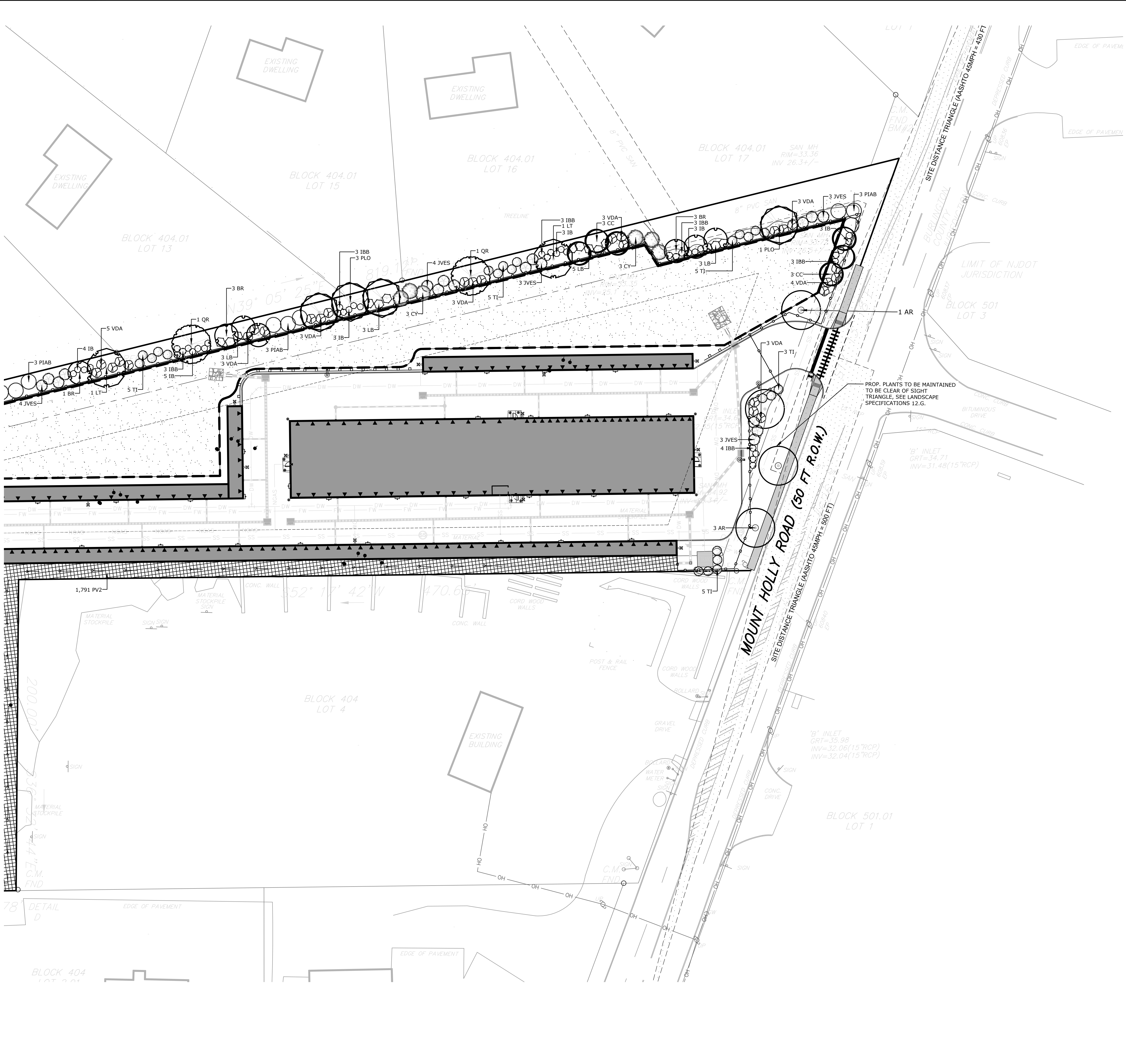
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PA / PM:	EW
DRAWN BY:	IH
DATE:	07/21/2020
	07.23.2020

SHEET
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Sheet 14 of 28

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NOT FOR CONSTRUCTION



- LEGEND:**
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NJ LICENSE # 352500095100
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EDGEWATER PARK - SELF STORAGE DEVELOPMENT

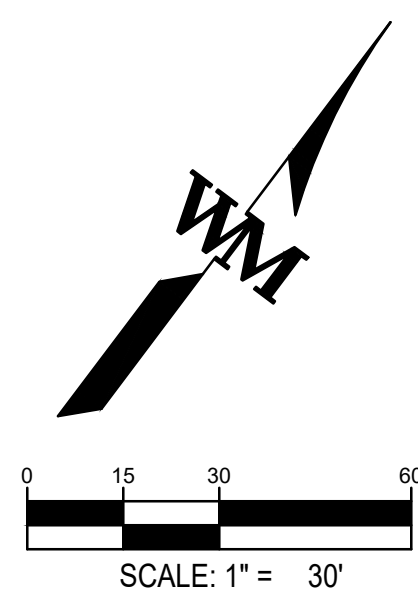
PRELIMINARY SITE PLAN APPLICATION
LANDSCAPE PLAN

4201 ROUTE 130, BURLINGTON COUNTY, EDgewater PARK, NEW JERSEY

NO.	DATE	REMARKS
1	12/07/2020	EDGEWATER PARK REVIEW

JOB NO.:	NYC19-0005
PA / PM:	EW
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	07.23.2020

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Sheet 15 of 28



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WARE MALCOMB LEADING DESIGN FOR COMMERCIAL REAL ESTATE

110 Edison place suite 303 Newark, NJ 07102 P 732.986.9000 waramalcomb.com

EDgewater PARK - SELF STORAGE DEVELOPMENT PRELIMINARY SITE PLAN APPLICATION LANDSCAPE DETAIL SHEET 4201 ROUTE 130, BURLINGTON COUNTY, EDgewater PARK, NEW JERSEY

EDgewater PARK REVIEW NO. DATE 1/20/2020 REMARKS JOB NO.: NYC19-0005 PA / PM: EW DRAWN BY: IH DATE: 07/21/2020 SHEET C8.2 Sheet 16 of 28

COMPLIANCE CHART

TOWNSHIP OF EDGEWATER PARK, NJ (C-3: HIGHWAY COMMERCIAL DISTRICT)

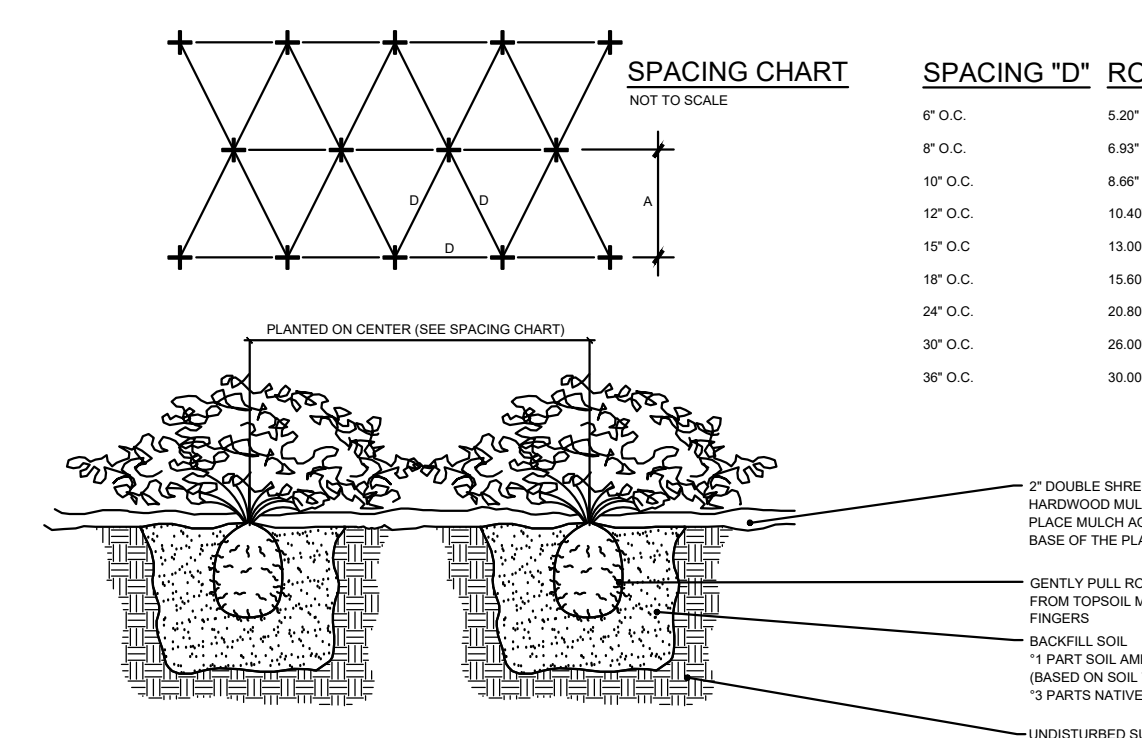
Table with 5 columns: SECTION, SECTION, REQUIRED, PROPOSED, COMPLIES. Contains landscaping regulations for various sections like 310-16-6, 310-26-4, 310-40-4, 310-40-12, 310-41-5, 310-41-7, 310-41-8, 310-45-2.

LANDSCAPE SPECIFICATIONS

- 1. QUALITY OF WORK AND MATERIALS
2. WEATHER CONDITIONS
3. WORK MUST BE CARRIED OUT ONLY DURING WEATHER CONDITIONS FAVORABLE TO LANDSCAPE
4. PLANTING OPERATIONS
5. PLANTING OPERATIONS
6. PLANTING OPERATIONS
7. PLANTING OPERATIONS
8. PLANTING OPERATIONS
9. PLANTING OPERATIONS
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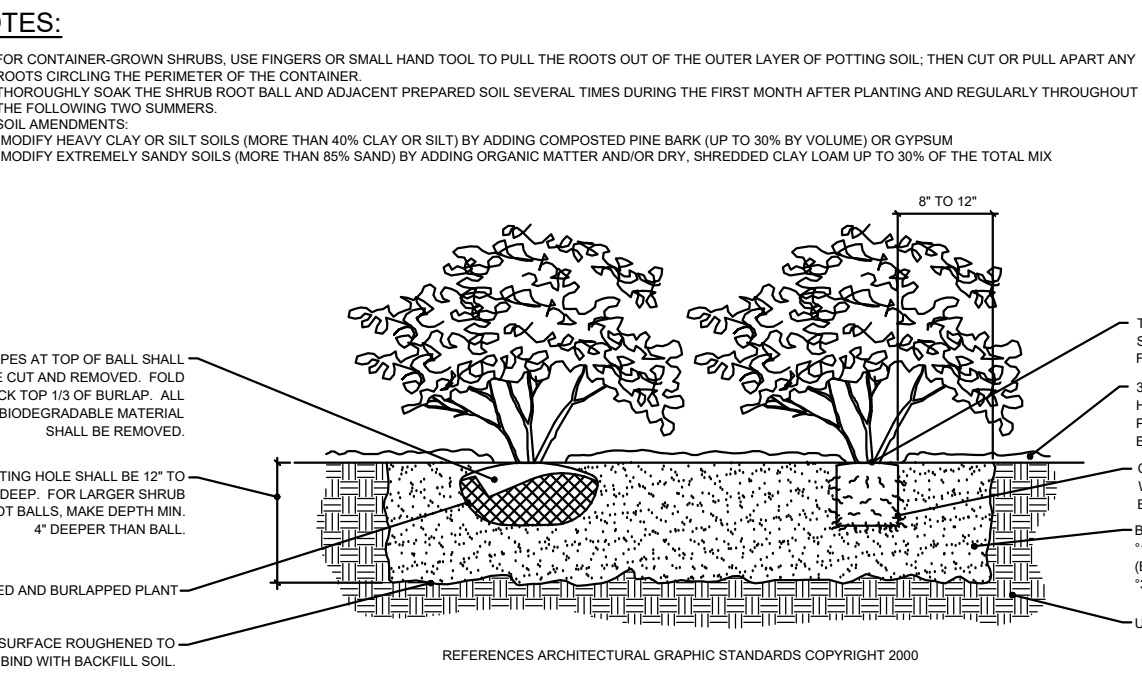
NOTES:

- 1. THOROUGHLY FROM THE GROUND COVER TOP BALL AND ADJACENT PREPARED SOIL SEVERAL TIMES DURING THE FIRST MONTH AFTER PLANTING AND REGULARLY THROUGHOUT THE FOLLOWING TWO SUMMERS.
2. SOLID AMENDMENTS
3. SOLID AMENDMENTS
4. ALL GROUND COVER AREAS SHALL BE TREATED WITH A PRE-EMERGENT PEST MANUFACTURER'S SPECIFICATION



GROUND COVER/PERENNIAL DETAIL SCALE: N.T.S.

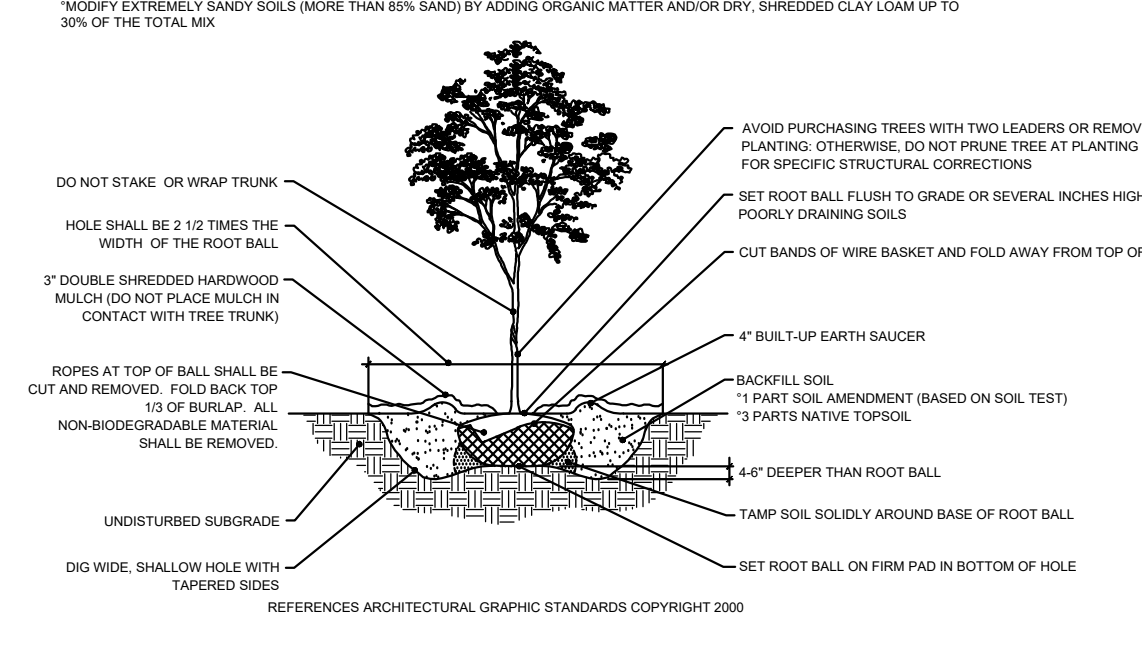
- NOTES:
1. FOR CONTAINER-GROWN SHRUBS, USE FINISHERS OR SMALL HAND TOOLS TO PULL THE ROOTS OUT OF THE OUTER LAYER OF POTTING SOIL.
2. THOROUGHLY FROM THE GROUND COVER TOP BALL AND ADJACENT PREPARED SOIL SEVERAL TIMES DURING THE FIRST MONTH AFTER PLANTING AND REGULARLY THROUGHOUT THE FOLLOWING TWO SUMMERS.
3. SOLID AMENDMENTS



SHRUB PLANTING DETAIL SCALE: N.T.S.

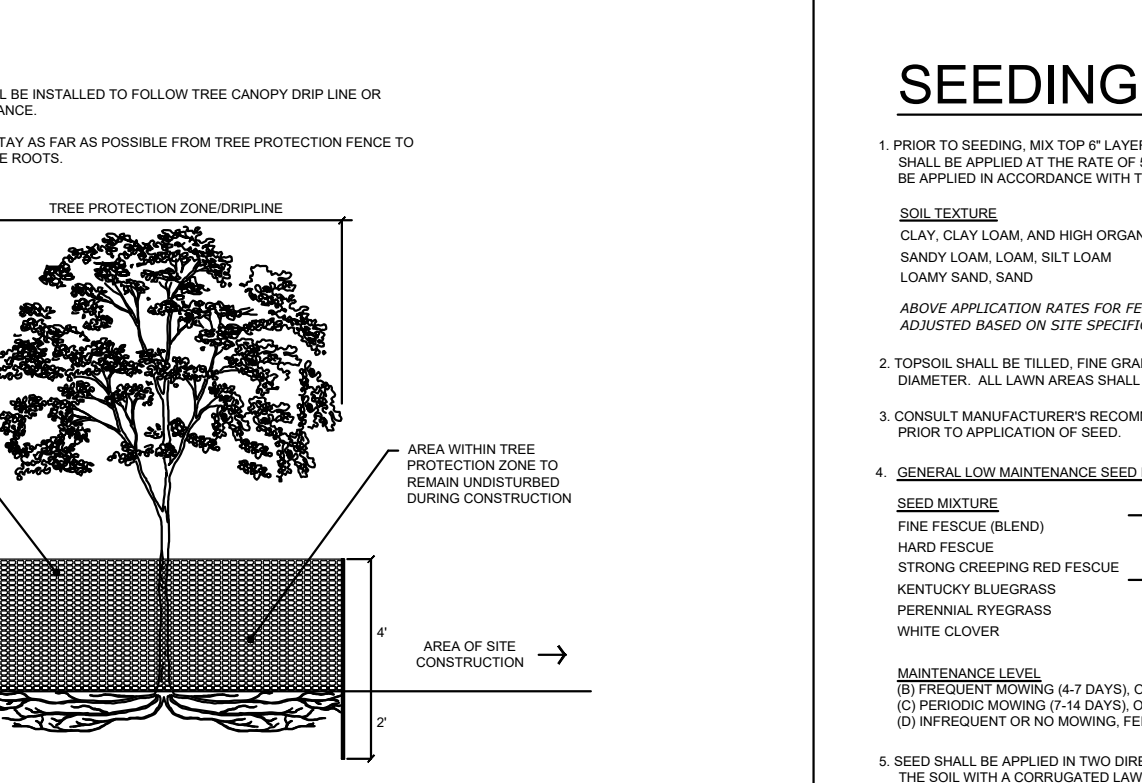
NOTES:

- 1. FOR CONTAINER-GROWN TREES, USE FINISHERS OR SMALL HAND TOOLS TO PULL THE ROOTS OUT OF THE OUTER LAYER OF POTTING SOIL.
2. THOROUGHLY FROM THE GROUND COVER TOP BALL AND ADJACENT PREPARED SOIL SEVERAL TIMES DURING THE FIRST MONTH AFTER PLANTING AND REGULARLY THROUGHOUT THE FOLLOWING TWO SUMMERS.
3. SOLID AMENDMENTS



DECIDUOUS TREE PLANTING DETAIL SCALE: N.T.S.

- NOTES:
1. TREE PROTECTION FENCE SHALL BE INSTALLED TO FOLLOW TREE CANOPY DRIP LINE OR REGULARLY THROUGHOUT THE FOLLOWING TWO SUMMERS.
2. CONSTRUCTION VEHICLES TO STAY AS FAR AS POSSIBLE FROM TREE PROTECTION FENCE TO PREVENT DAMAGE TO TREE ROOTS.



EVERGREEN TREE PLANTING DETAIL SCALE: N.T.S.

- NOTES:
1. TREE PROTECTION FENCE SHALL BE INSTALLED TO FOLLOW TREE CANOPY DRIP LINE OR REGULARLY THROUGHOUT THE FOLLOWING TWO SUMMERS.
2. CONSTRUCTION VEHICLES TO STAY AS FAR AS POSSIBLE FROM TREE PROTECTION FENCE TO PREVENT DAMAGE TO TREE ROOTS.

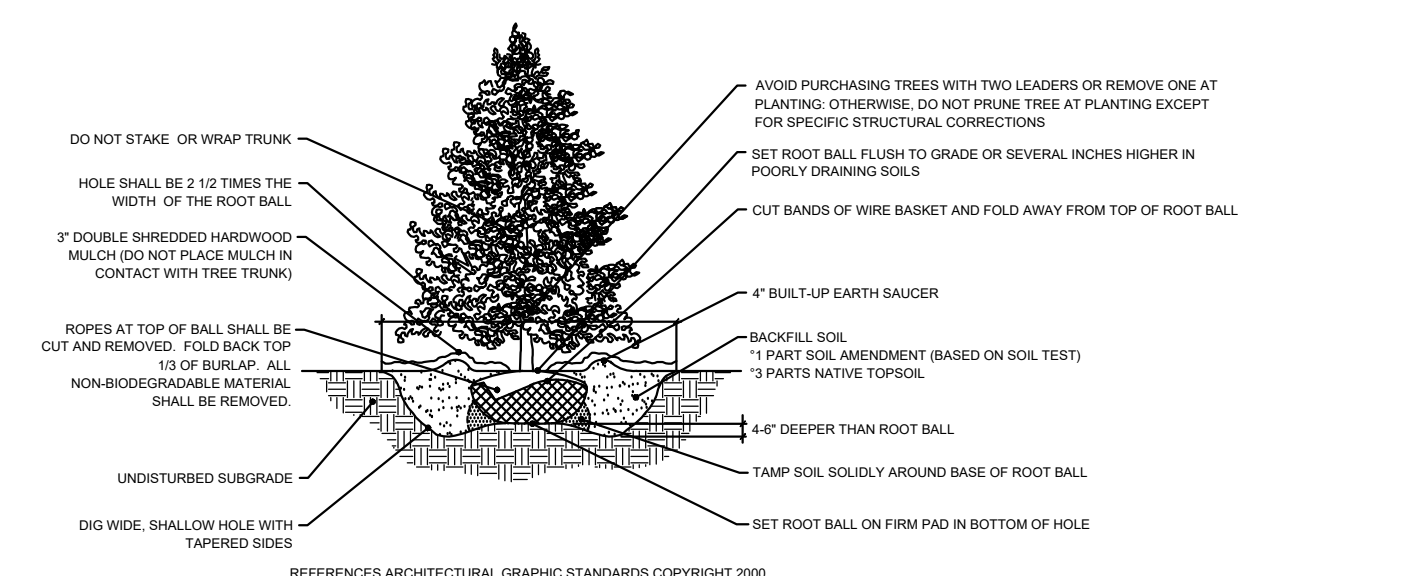
TREE PROTECTION FENCE DETAIL SCALE: N.T.S.

PLANT SCHEDULE

Table with columns: CATEGORY, QTY, BOTANICAL / COMMON NAME, PLANTING SIZE, CONTAINER, SPACING, MATURE HEIGHT. Lists various plants like Evergreen Trees, Ornamental Trees, Shade Trees, Deciduous Shrubs, Evergreen Shrubs, Ornamental Grasses, and Ground Covers.

NOTES:

- 1. FOR CONTAINER-GROWN TREES, USE FINISHERS OR SMALL HAND TOOLS TO PULL THE ROOTS OUT OF THE OUTER LAYER OF POTTING SOIL.
2. THOROUGHLY FROM THE GROUND COVER TOP BALL AND ADJACENT PREPARED SOIL SEVERAL TIMES DURING THE FIRST MONTH AFTER PLANTING AND REGULARLY THROUGHOUT THE FOLLOWING TWO SUMMERS.
3. SOLID AMENDMENTS



EVERGREEN TREE PLANTING DETAIL SCALE: N.T.S.

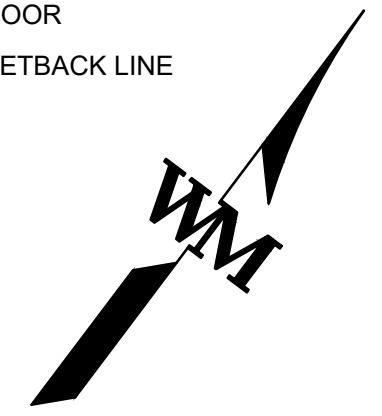
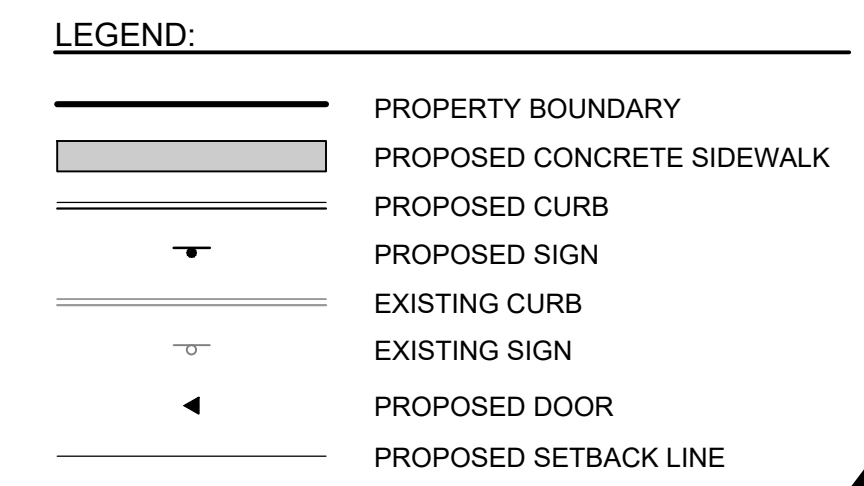
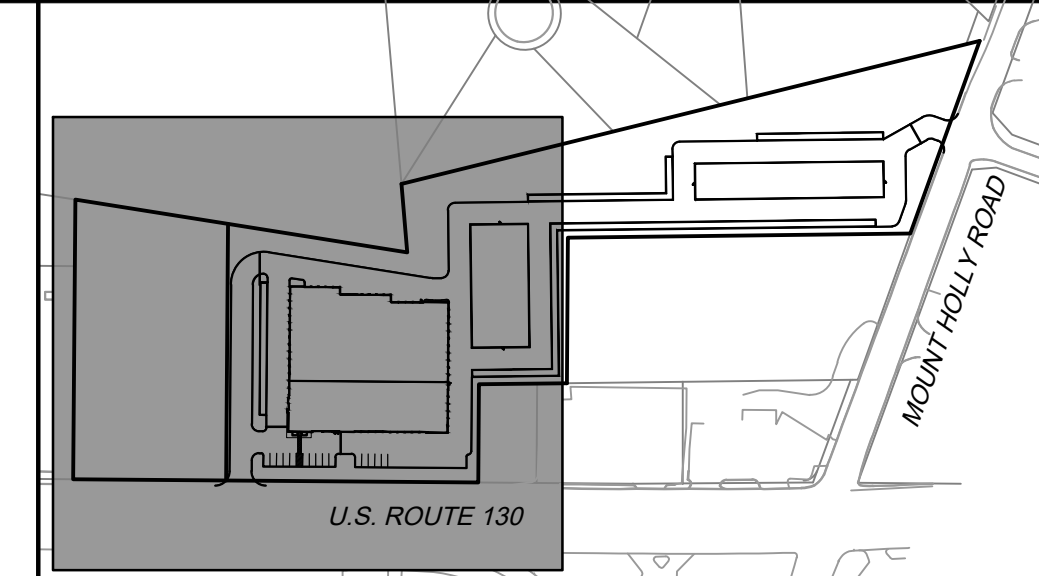
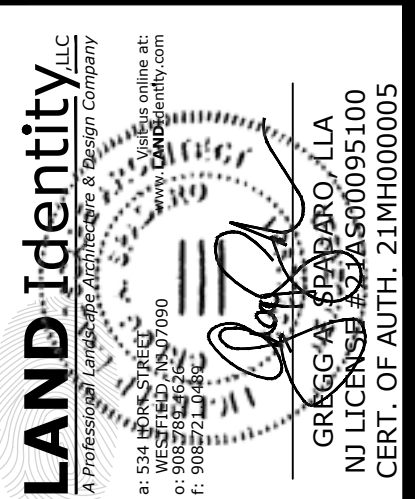
SEEDING SPECIFICATIONS

- 1. PRIOR TO SEEDING, MIX 4" LAYER OF TOPSOIL WITH FERTILIZER AND LIME.
2. FERTILIZER AND LIME SHALL BE APPLIED AT THE RATE OF 10 POUNDS PER 1,000 SQ. YD.
3. FERTILIZER AND LIME SHALL BE APPLIED IN ACCORDANCE WITH THE FOLLOWING CHART.

Table with columns: SOIL TEXTURE, TONS/acre, LB/1000 SQ. YD. Lists soil types like Clay Loam and High Organic Soil.

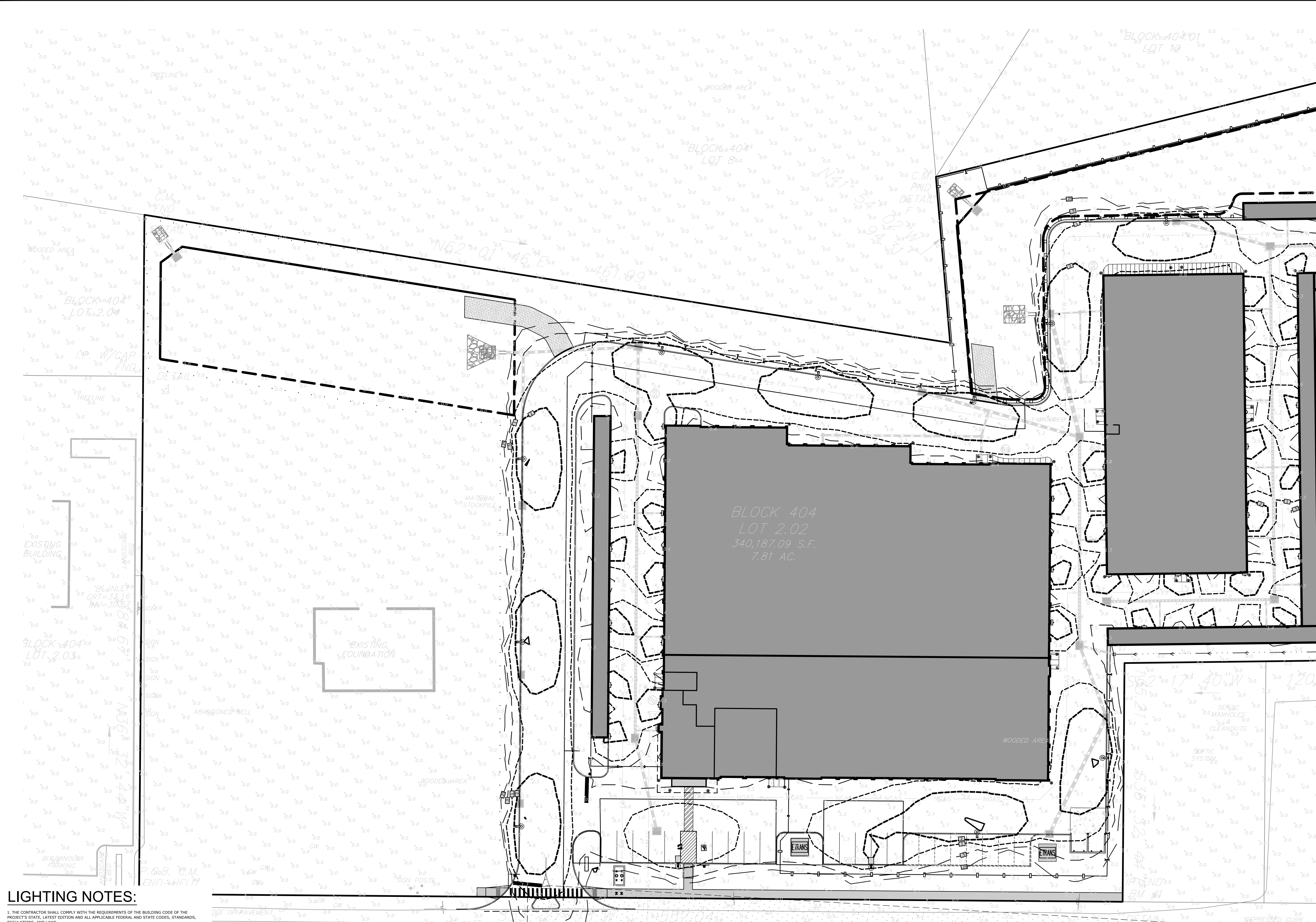
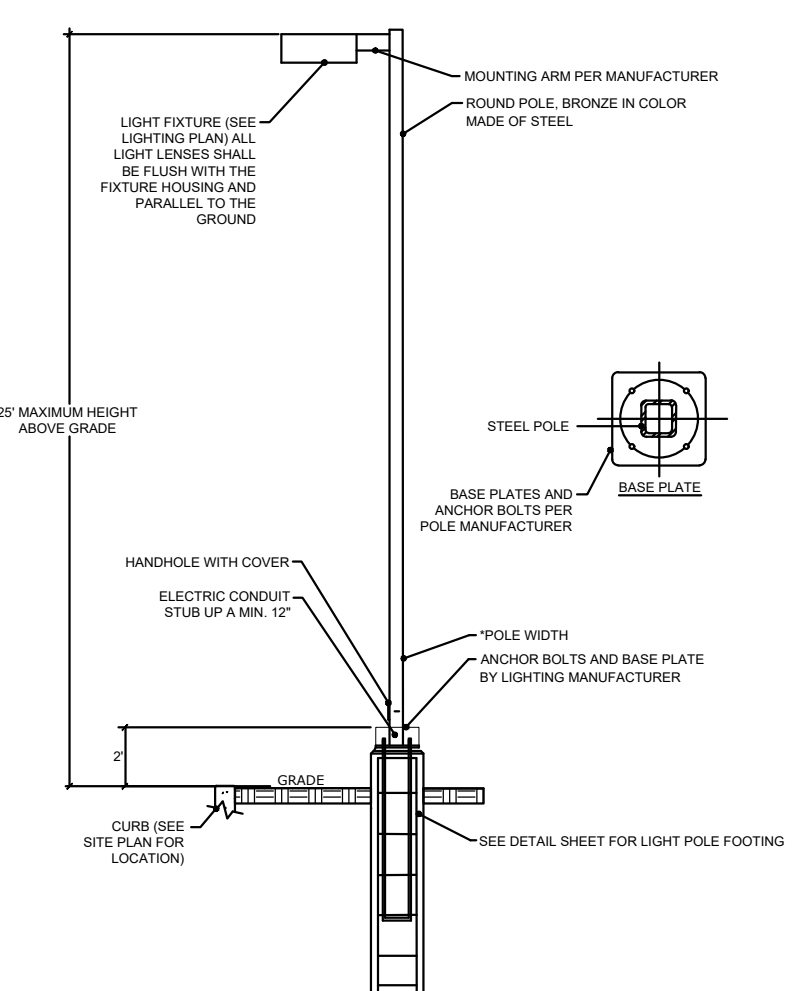
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LIGHTING COMPLIANCE CHART

SECTION	REQUIRED	PROPOSED	COMPLIANCE
\$16.66 LIGHTING	THE HEIGHT OF LIGHT POLES SHALL BE LIMITED TO THE MAXIMUM HEIGHT OF STRUCTURES PERMITTED IN THE PARTICULAR ZONING DISTRICT WHERE THEY ARE LOCATED OR 25' WHICHEVER IS LESS	AREA LIGHTS: 25' WALLPACK LIGHTS: 9'-6" / 12'	COMPLIES
	-1.0 AVERAGE FOOTCANDLE IN PARKING AREA RECOMMENDED -2.0 AVERAGE FOOTCANDLE AT INTERSECTIONS RECOMMENDED	PROPOSED FC AVERAGES ARE AS FOLLOWS: PARKING LOT: 1.6 FC INTERSECTIONS: 2.2 FC	COMPLIES



LIGHTING NOTES:

1. THE CONTRACTOR SHALL COMPLY WITH THE REQUIREMENTS OF THE BUILDING CODE OF THE PROJECT'S STATE, LATEST EDITION AND ALL APPLICABLE FEDERAL AND STATE CODES, STANDARDS, REGULATIONS AND LAWS.
2. IF APPLICABLE, STRUCTURAL CONCRETE AND CONCRETING PRACTICES SHALL CONFORM WITH ACI-318, "BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE". DETAILS SHALL BE IN ACCORDANCE WITH ACI 318, "PRACTICE OF STANDARD PRACTICES". DETAILS AND DETAILING OF CONCRETE REINFORCEMENT SHALL CONFORM WITH ACI-307 "GUIDE TO FORMWORK FOR CONCRETE", UNLESS OTHERWISE NOTED ON THE CONTRACT DOCUMENTS.
3. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS, AND COORDINATE WITH ALL CONTRACT DRAWINGS, PROJECT SHOP DRAWINGS AND FIELD CONDITIONS. CONTRACTOR SHALL ENSURE NO CONFLICTS BETWEEN LIGHT POLE FOUNDATIONS AND STRUCTURES OR PILES.
4. THE CONTRACTOR SHALL PROTECT EXISTING FACILITIES, STRUCTURES AND UTILITY LINES FROM ALL DAMAGE.
5. JOB SAFETY AND CONSTRUCTION PROCEDURES ARE THE RESPONSIBILITY OF THE CONTRACTOR.
6. IF APPLICABLE, CONCRETE SHALL BE NOT DUST CLASS "C" CONCRETE AND COMPLY WITH ALL REQUIREMENTS OUTLINED BY ACI 307.
7. ALL CONCRETE SHALL HAVE A SLUMP NO GREATER THAN 4" TO WITHIN A TOLERANCE OF 1".
8. ALL EXPOSED CONCRETE SHALL BE AIR ENTRAINED, 4% (WITHIN 1% TOLERANCE), CONFORMING TO ASTM C266.
9. REINFORCING STEEL BARS SHALL BE MINIMUM ASTM A615, GRADE 60. ALL REINFORCEMENT SHALL BE SECURELY HELD IN PLACE WHILE PLACING CONCRETE. IF REQUIRED, ADDITIONAL BARS OR STIRRUPS SHALL BE PROVIDED BY THE CONTRACTOR TO FURNISH SUPPORT FOR ALL BARS.
10. CONTRACTOR SHALL HAVE A GEOTECHNICAL ENGINEER ON SITE TO INSPECT AND APPROVE FILL AND SUBGRADE CONDITIONS PRIOR TO PLACING CONCRETE.
11. CONTRACTOR IS RESPONSIBLE TO COORDINATE WITH LIGHT POLE MANUFACTURER AND TO VERIFY APPLICABILITY OF AREA LIGHT POLE FOUNDATION DETAIL. IF SOIL CONDITIONS IN THE FIELD OR DESIGN ASSUMPTIONS ARE DIFFERENT THAN THOSE INDICATED ON THE CONTRACT DOCUMENTS OR DESIGN CALCULATIONS, ALL CONSTRUCTION ACTIVITIES ARE TO CEASE AND THE PROJECT LANDSCAPE ARCHITECT, CIVIL ENGINEER, AND OWNER SHALL BE NOTIFIED IMMEDIATELY.

U.S. ROUTE 130
(103' R.O.W., 3 LANE HIGHWAY)

SITE DISTANCE TRIANGLE (AASHTO 55MPH = 530 FT)

**SEE SHEET #17 FOR ISO-RING
DETAILS AND LIGHTING
MANUFACTURER CUT SHEETS**

**AREA LIGHTS TO BE CONTROLLED
VIA A PHOTOCELL TIMER TO TURN
ON AT DUSK AND OFF AT DAWN**

**WALLPACK LIGHTS MOUNTED AT 9'-6"
ON BUILDING A, D, AND I. ALL OTHER
WALPACKS TO BE MOUNTED AT 12'**

ONE CALL

BEFORE YOU BREAK GROUND FOR A PROJECT AROUND YOUR PROPERTY, SUCH AS A FENCE, IN-GROUND POOL, OR ADDITION, YOU MUST CALL NEW JERSEY ONE CALL AT 800.272.1000 TO REQUEST A MAIN OUT OF THE UTILITY SERVICES THAT ARE UNDERGROUND. IT IS RECOMMENDED THAT YOU CALL 3 DAYS BEFORE YOU BEGIN THE STATE OF NEW JERSEY REQUIRES THAT YOU CALL "BEFORE YOU DIG" SO THAT YOU CAN IDENTIFY WHERE THE UNDERGROUND UTILITIES ARE LOCATED (SUCH AS WATER, GAS, ELECTRIC, AND SEWER) AND MARKED (BY THE UTILITIES) WITHOUT THE RISK OF INTERRUPTING SERVICE FROM DAMAGING PROPERTY OR INJURY. IF YOU ARE HAVING WORK DONE FOR YOU, THEY ARE RESPONSIBLE TO CONTACT ONE CALL. UTILITY CONTACT ONE CALL. UTILITY CUT WITH PILE OR A LAD. THE HELP YOU IDENTIFY WHAT UTILITY IS OUT.

NEW JERSEY

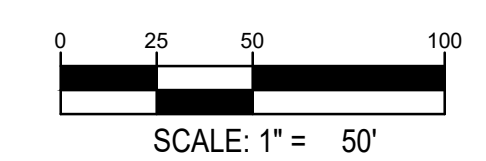
SUFFERING PERSONAL RESPONSIBILITY TO THE FOLLOWING LIST WILL AND PERFORMED A MARK: ELECTRICIAN, GAS/COIL-YELLOW, BLUE, SEWER-GREEN, TEMPORARY EXCAVATION-WHITE. COMBINATION TYPICALLY, WATER-BLUE, SEWER-GREEN, TEMPORARY EXCAVATION-WHITE.

CALCULATION SUMMARY

AREA	REQUIRED		PROPOSED				COMPLIANCE
	AVG	AVG	MIN	MAX	MAX/MIN	AVG/MIN	
PARKING LOT	AVG 1.0 FC	1.6 FC	0.2 FC	5.3 FC	26.5:1	8.0:1	COMPLIES
INTERSECTIONS	AVG 2.0 FC	2.2 FC	0.5 FC	5.1 FC	10.2:1	4.4:1	COMPLIES

LUMINAIRE SCHEDULE

SYMBOL	QTY	MANUFACTURER	MODEL NO.	TEMPERATURE	LUMENS	WATTS	ARRANGEMENT	THROW	LLF	HEIGHT	FILENAME
☐	59	RAB LIGHTING	WPLED10	5,000K	1,208	12.4	WALL MOUNTED	CONSTANT CURRENT	1.0	9'-6" / 12'	rab02318mod50.ies
☐	13	RAB LIGHTING	LOT3110ND10HS	4,000K	8,379	108.5	AREA	TYPE III	1.0	25'	rab02646mod11040.ies
☐	2	RAB LIGHTING	LOT4110ND10HS	4,000K	6,280	108.3	AREA	TYPE IV	1.0	25'	rab02642mod11040.ies

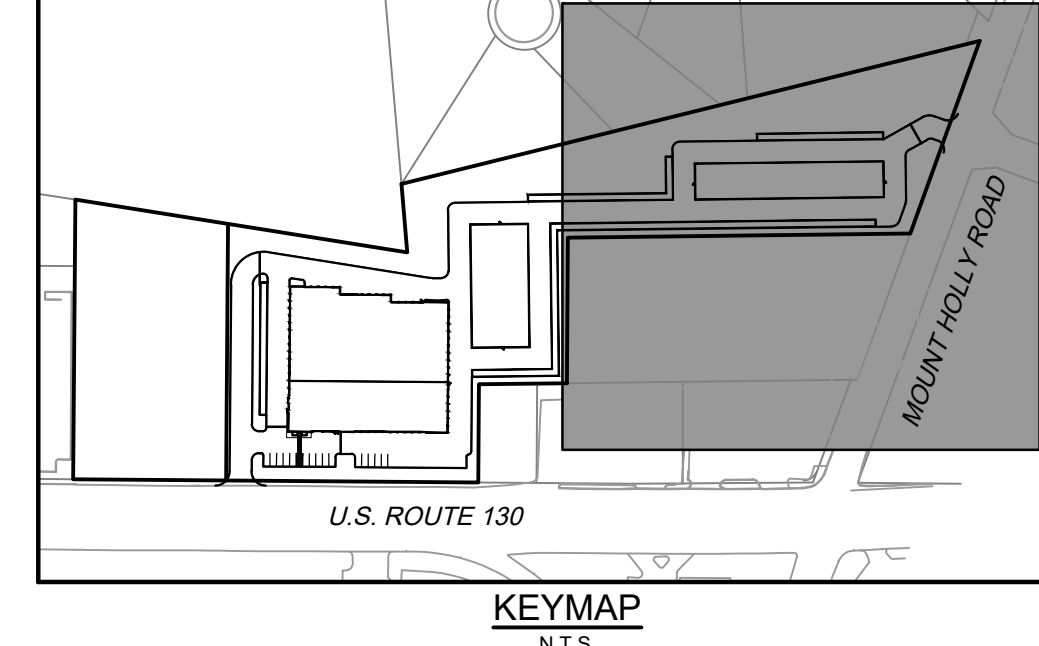
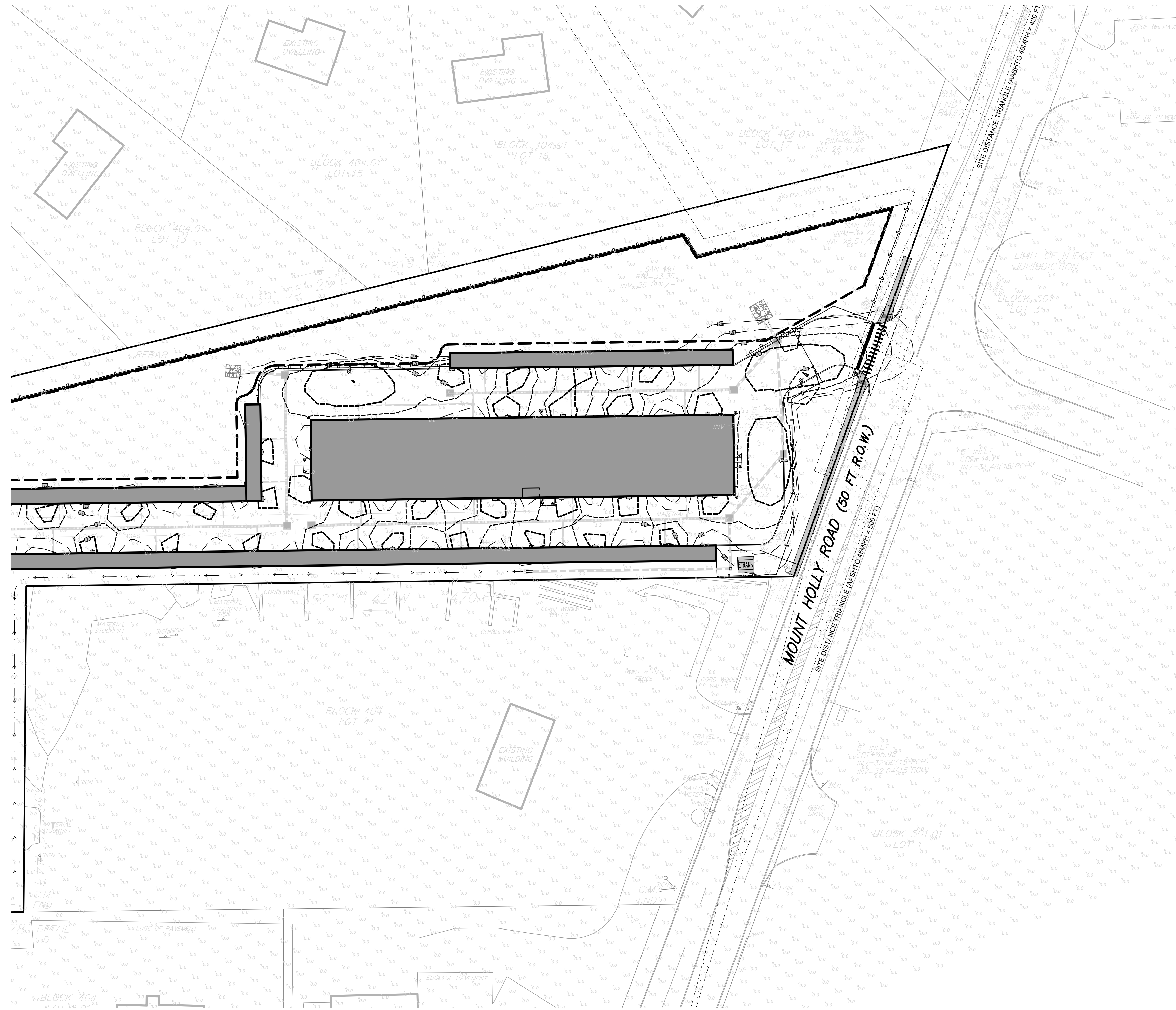


REMARKS

NO.	DATE	REMARKS
1	12/07/2020	EDGEWATER PARK REVIEW

JOB NO.: NYC19-0005
PA / PM: EW
DRAWN BY: IH
DATE: 07/21/2020
23.07.2020

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 - EXISTING SIGN
 - PROPOSED DOOR
 - PROPOSED SETBACK LINE

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 waremalmalb.com

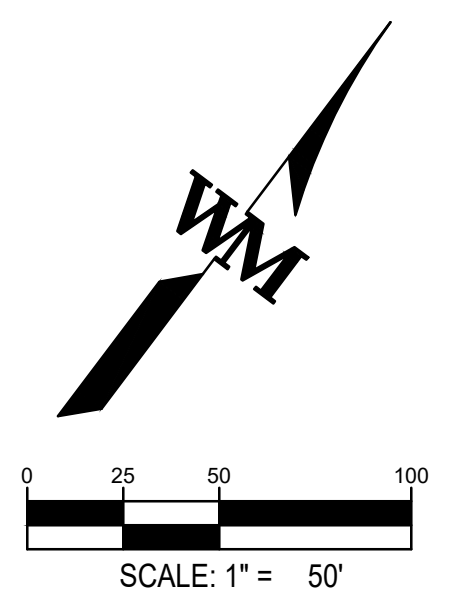
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 GREGG A. MALCOMB, P.L.L.C.
 NJ LICENSE # 35A00095100
 CERT. OF AUTH. 21MH000005

EDGEWATER PARK - SELF STORAGE DEVELOPMENT
 PRELIMINARY SITE PLAN APPLICATION
 LIGHTING PLAN
 4201 ROUTE 130, BURLINGTON COUNTY, EDGWATER PARK, NEW JERSEY

NO.	DATE	REMARKS
1	12/07/2020	EDGEWATER PARK REVIEW

JOB NO.:	NYC19-0005
PA / PM:	EW
DRAWN BY:	IH
DATE:	07/21/2020
	23.07.2020

SHEET
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 Sheet 18 of 28



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NOT FOR CONSTRUCTION

LOT4T110N/D10/U/PA/HS

RAB

Product image and form fields for Project, Type, Prepared By, Date, Driver Info, and LED Info.

Technical Specifications: Listings, UL Listed, Effective Projected Area, House Side Shield, Vibration Rating, Mounting, Cold Weather Starting, Ambient Temperature, Dark Sky Conformance, Performance, Construction, and IES Classification.

Need help? Tech help line: (888) 722-1000. Email: customers@rablighting.com. Website: www.rablighting.com.

LOT3T110N/D10/U/PA/HS

RAB

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WPLED10

RAB

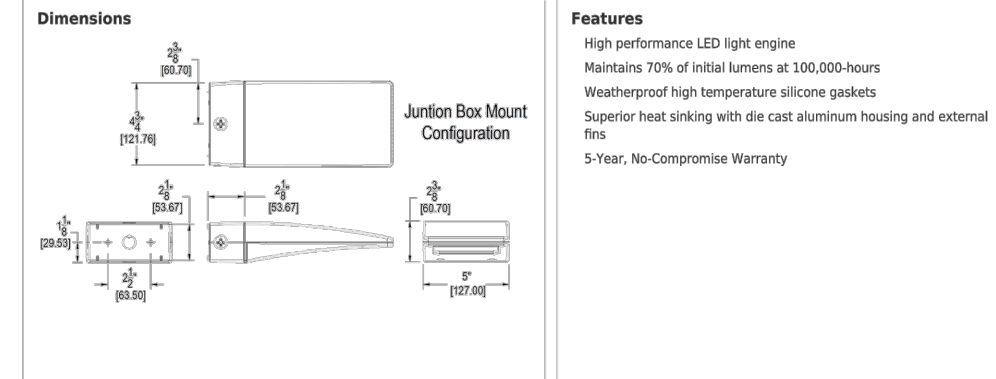
Product image and form fields for Project, Type, Prepared By, Date, Driver Info, and LED Info.

Technical Specifications: Listings, UL Listed, Effective Projected Area, House Side Shield, Vibration Rating, Mounting, Cold Weather Starting, Ambient Temperature, Dark Sky Conformance, Performance, Construction, and IES Classification.

WPLED10

RAB

Technical Specifications (continued): Construction, Electrical, Driver, LED Characteristics, Dimensions, Features, and Equivalency.



Features: High performance LED light engine, Maintains 70% of initial lumens at 100,000 hours, Heatproof high-temperature silicone gaskets, Superior heat sinking with cast aluminum housing and external fins.

PR5-07-25WT

RAB

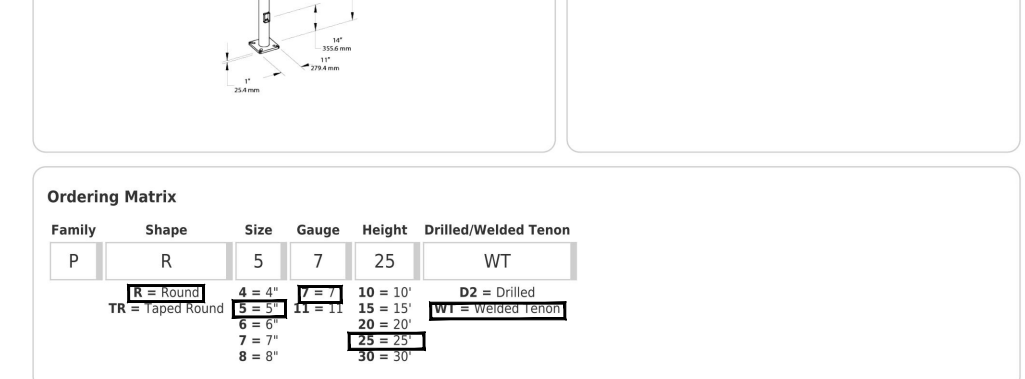
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Technical Specifications: Listings, CSA Listed, Construction, Descriptions, Hand Holes, Base Plates, Color, Anchor Bolt Templates, Construction, and Descriptions.

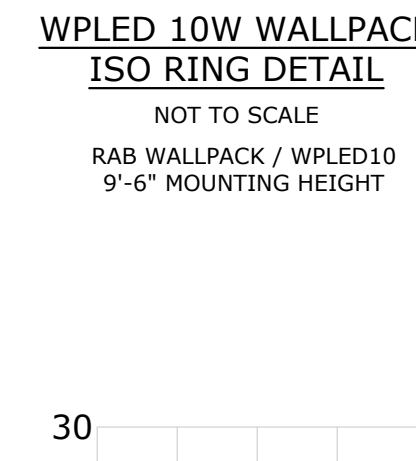
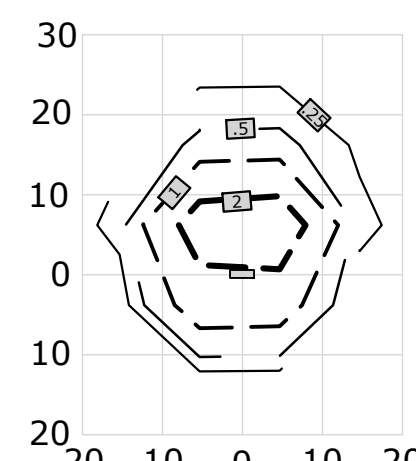
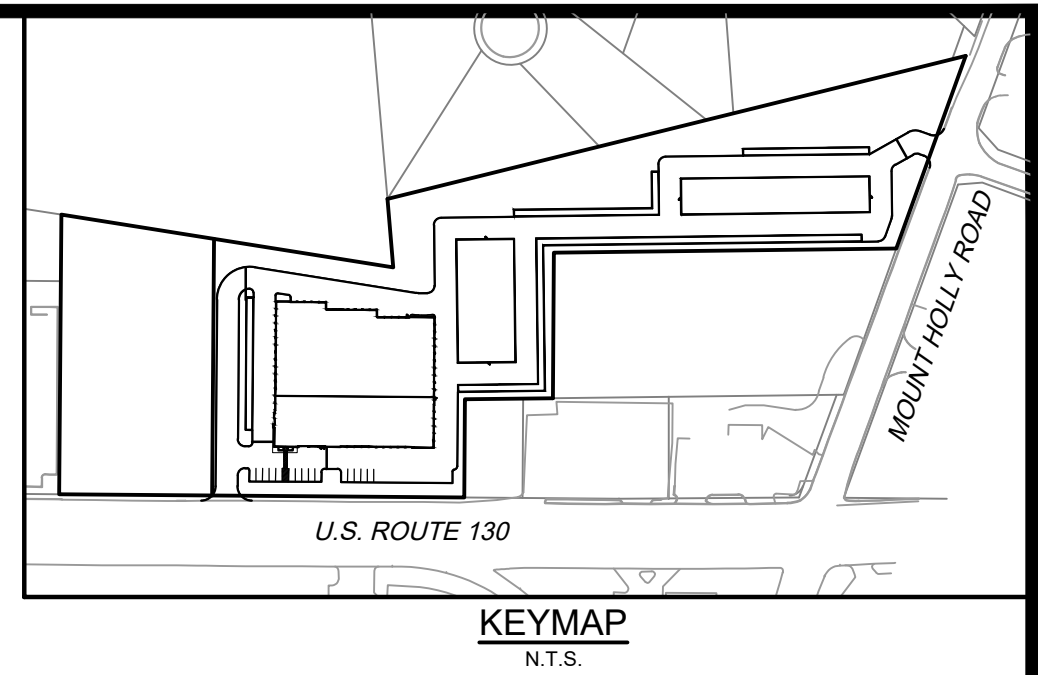
PR5-07-25WT

RAB

Technical Specifications (continued): Other, Buy American Act Compliance, Dimensions, Features, and Equivalency.



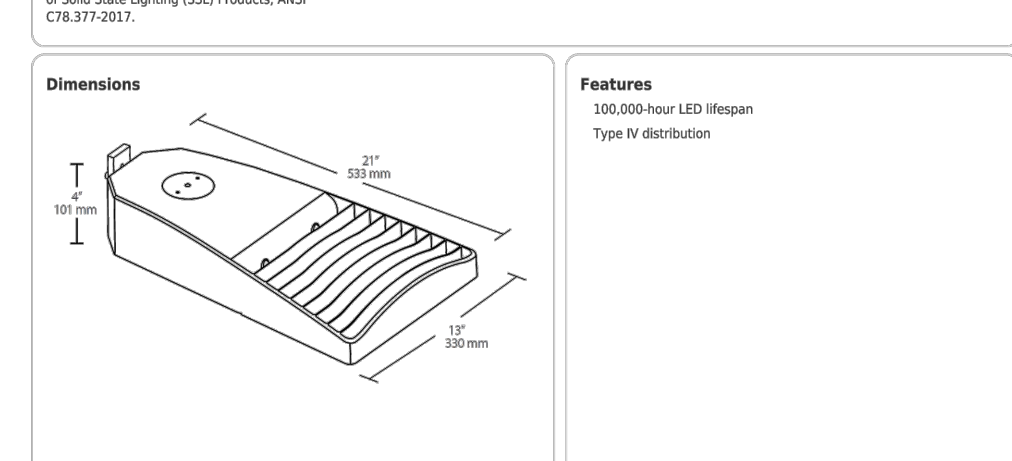
Features: Heavy duty 100% polymer coating, Reinforced hand holes with grounding lug and removable cover for easy wiring access, Free case, base covers & caps are sold separately, Custom manufactured for each application.



LOT4T110N/D10/U/PA/HS

RAB

Technical Specifications (continued): Construction, Electrical, Driver, LED Characteristics, Dimensions, Features, and Equivalency.

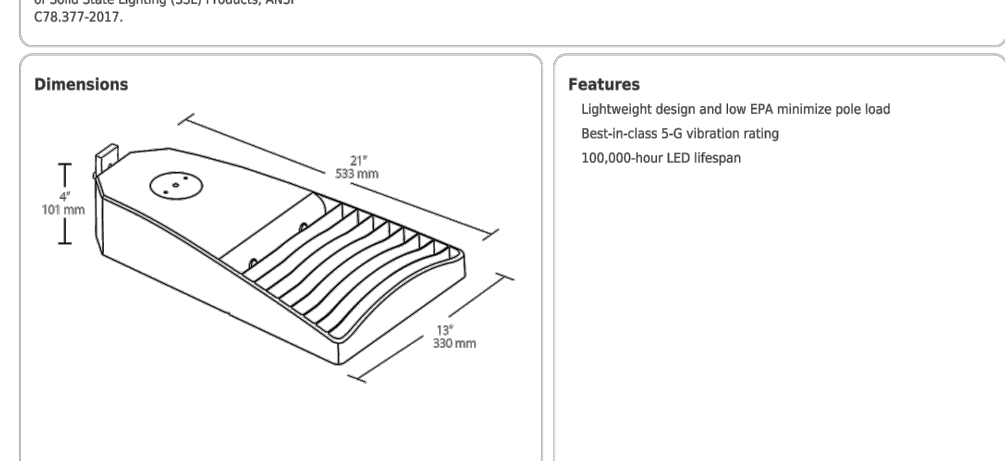


Features: 100,000-hour LED lifespan, Type IV distribution.

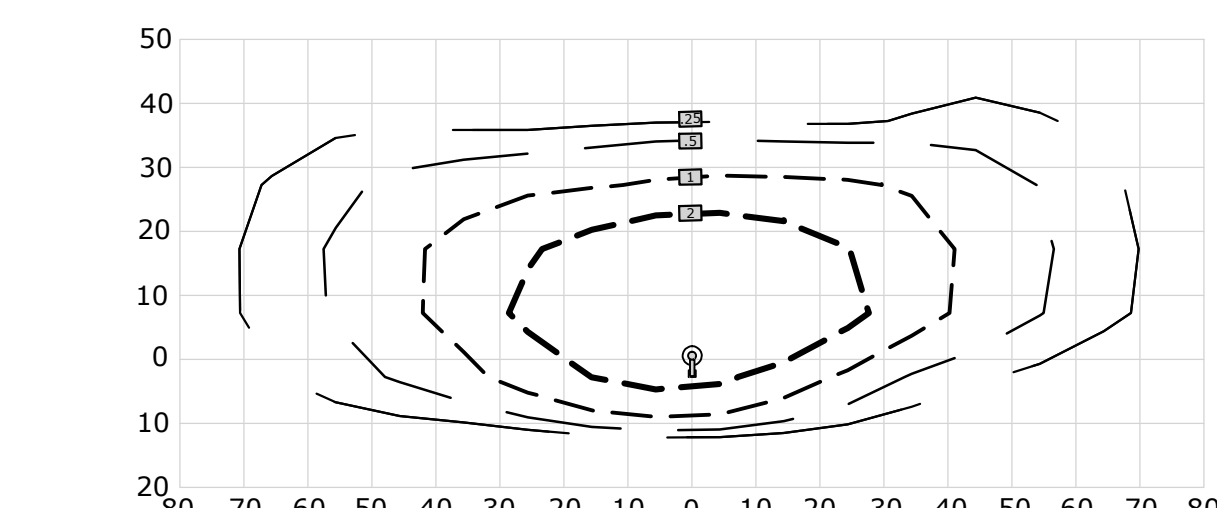
LOT3T110N/D10/U/PA/HS

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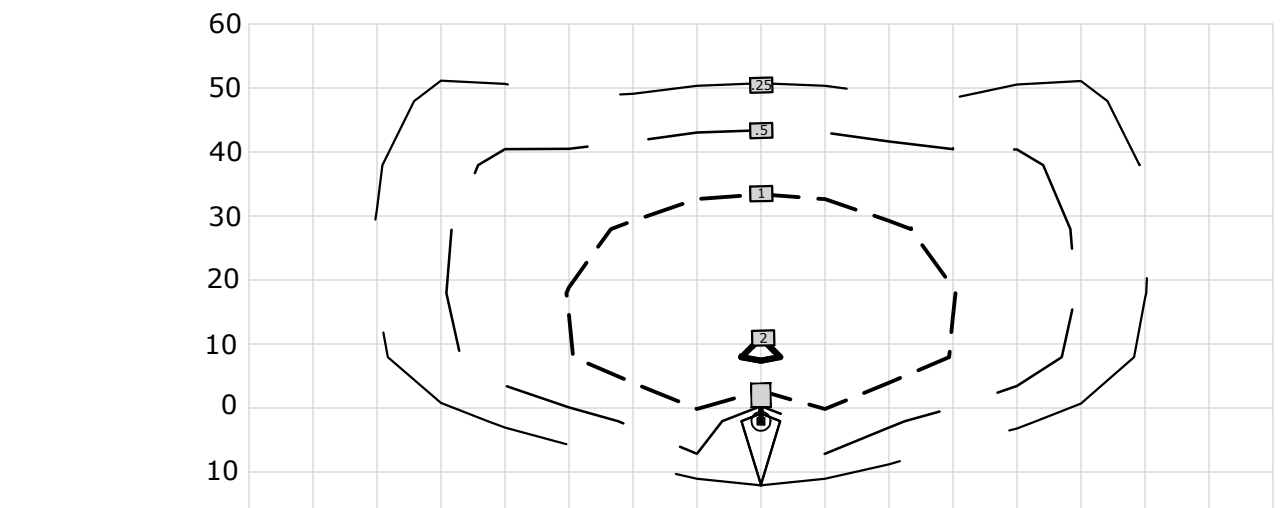
Technical Specifications (continued): Construction, Electrical, Driver, LED Characteristics, Dimensions, Features, and Equivalency.



Features: Lightweight design and low EPR minimize pole load, Best-in-class 5-G vibration rating, 100,000-hour LED lifespan.



TYPE III 108.5W ISO RING DETAIL



TYPE IV 108.3W ISO RING DETAIL

LOT4T110N/D10/U/PA/HS

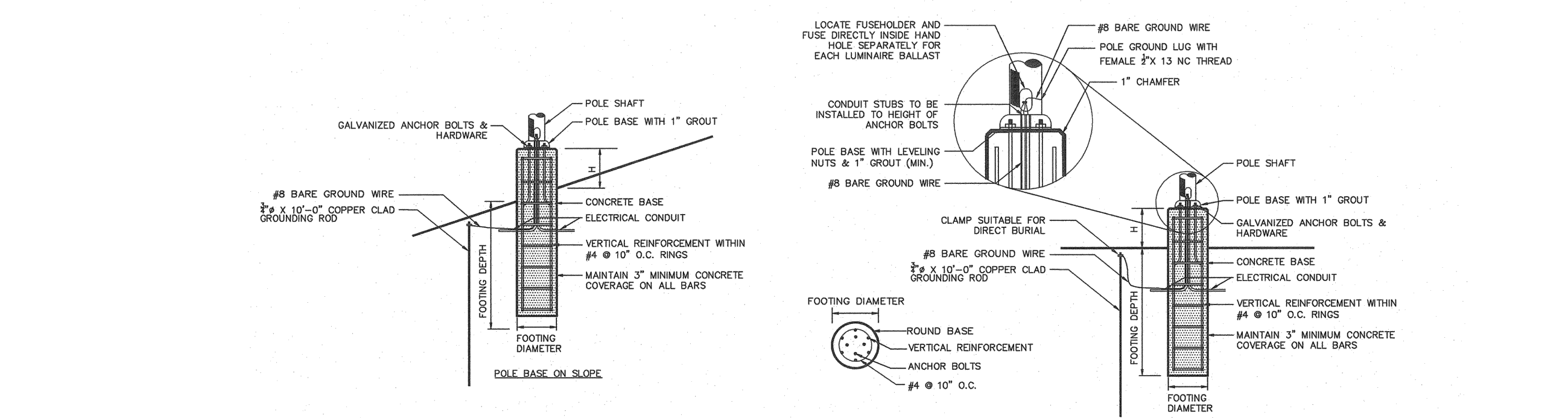
RAB

Ordering Matrix table with columns for Family, IES Type, Wattage, Color Temp, Finish, Driver Options, Mounting, Sensor Options, Accessories, and Other Options.

LOT3T110N/D10/U/PA/HS

RAB

Ordering Matrix table with columns for Family, IES Type, Wattage, Color Temp, Finish, Driver Options, Mounting, Sensor Options, Accessories, and Other Options.



NOTES: 1. SHAFT CAP, ARMS, BASE FLANGE, ANCHOR BOLTS, LEVELING NUTS, CONNECTION HARDWARE, BOLT COVERS, HANDHOLES COVER, AND BOLT GROUT TEMPLATE SHALL BE FURNISHED BY POLE MANUFACTURER. 2. EACH STANDARD TO BE PROTECTED AGAINST LIGHTNING WITH AN INTERCONNECTED GROUND ROD. THIS ROD SHALL BE SPICED PER SECTION NUMBER 250-06. 3. CONTRACTOR TO ENSURE CONCRETE POLE BASES ARE POURED / PLACED ABSOLUTELY VERTICAL & LEVEL. 4. POLE BASE SHALL BE ONE CONTINUOUS POOR COURED PORTION OF BASE SHALL BE HAND-RUBBED SMOOTH. 5. CONTRACTOR TO COMPACT SUBGRADE AROUND POLE BASE PER EARTHWORK SPECIFICATIONS / GEOTECH REPORT. 6. THE INFORMATION ILLUSTRATED IN THE LIGHT POLE FOUNDATION DETAIL HAS BEEN PROVIDED FOR GENERAL REFERENCE AND PRELIMINARY COST ESTIMATE PURPOSES. LIGHT POLE FOUNDATIONS SHOULD BE DESIGNED AND DETAIL BY A LICENSED STRUCTURAL ENGINEER BASED ON EXISTING SOIL CONDITIONS, LOCAL DESIGN STANDARDS AND MANUFACTURERS RECOMMENDATIONS.

LIGHT POLE FOOTING DETAIL, NOT TO SCALE

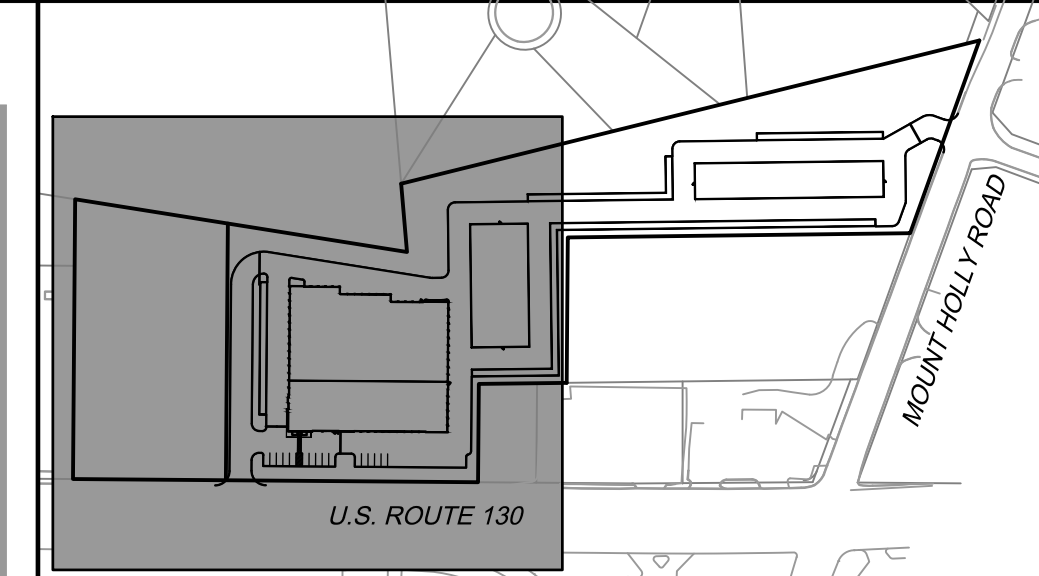
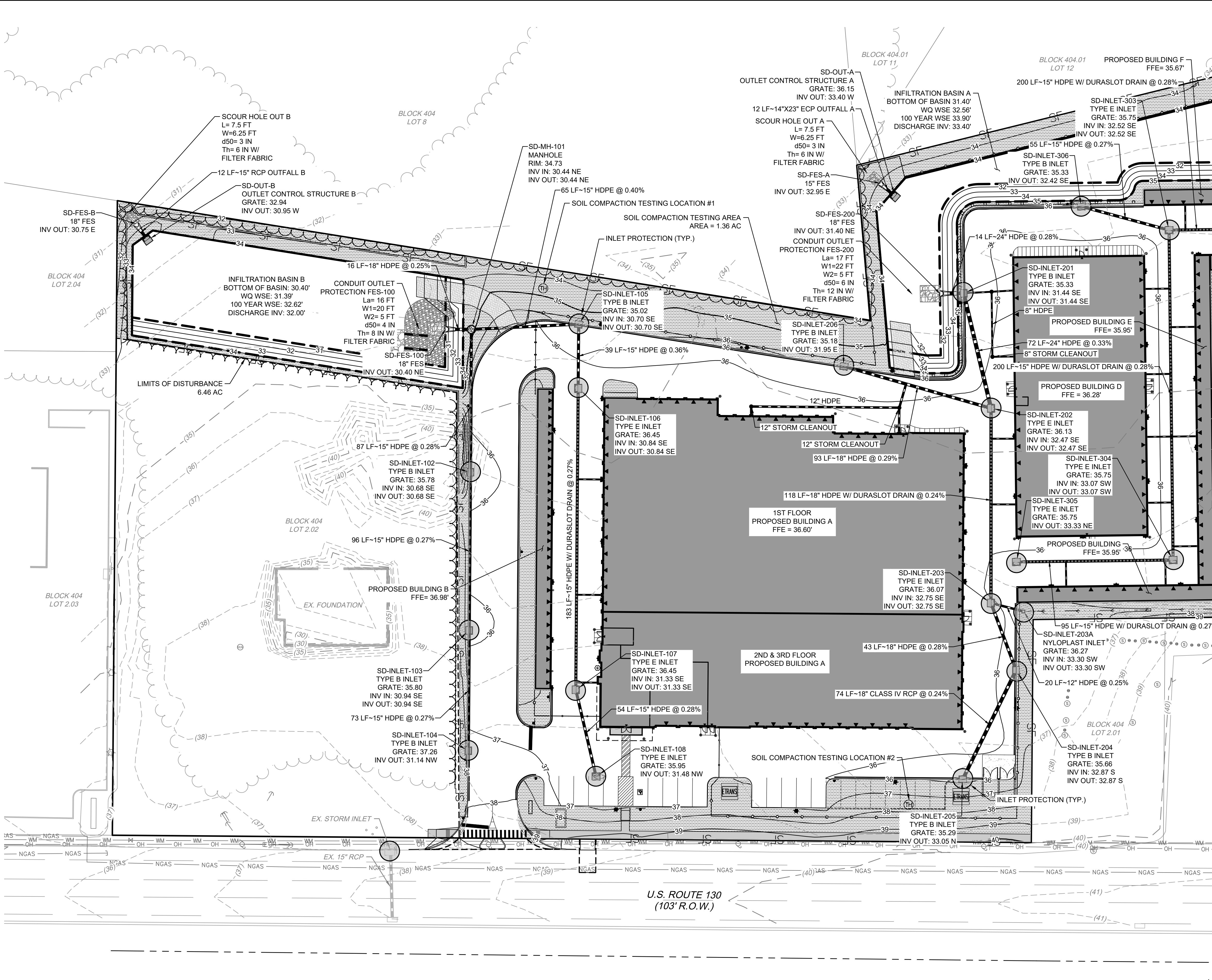
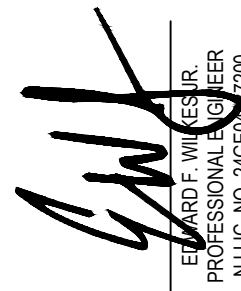
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Available for Types I, II and IV only.

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WARE MALCOMB LEADING DESIGN FOR COMMERCIAL REAL ESTATE. 110 edison place, suite 303, newark, nj 07102, p 732.986.9000, wwaremalcomb.com. LAND-Identity LLC. EDgewater Park - SELF STORAGE DEVELOPMENT. PRELIMINARY SITE PLAN APPLICATION LIGHTING PLAN. 4201 ROUTE 130, BURLINGTON COUNTY, EDgewater PARK, NEW JERSEY. SHEET C9.2. Sheet 19 of 28.



- LEGEND:**
- PROPOSED LIMITS OF DEVELOPMENT
 - S- PROPOSED SILT FENCE
 - CF- PROPOSED CONSTRUCTION FENCE
 - T- PROPOSED TREE PROTECTION
 - 35- PROPOSED 5' CONTOUR
 - 34- PROPOSED 1' CONTOUR
 - 35- EXISTING 5' CONTOUR
 - 34- EXISTING 1' CONTOUR
 - PROPOSED CONCRETE SIDEWALK
 - PROPOSED STORM SEWER LINE
 - PROPOSED STORM SEWER LINE W/ DURASLOT DRAIN
 - PROPOSED STORM MANHOLE
 - PROPOSED STORM INLET
 - PROPOSED NATURAL GAS LINE
 - EXISTING CURB
 - EXISTING SIGN
 - EXISTING STORM SEWER
 - EXISTING STORM INLET
 - EXISTING WATER LINE
 - EXISTING WATER MANHOLE
 - EXISTING WATER VALVE
 - EXISTING OVERHEAD ELECTRIC LINE
 - EXISTING UTILITY POLE
 - EXISTING LIGHT POLE
 - NGAS EXISTING NATURAL GAS LINE
 - EXISTING NATURAL GAS VALVE
 - EXISTING SANITARY SEWER LINE
 - EXISTING SANITARY MANHOLE
 - EXISTING SANITARY CLEANOUT
 - INLET PROTECTION
 - SOIL COMPACTION TESTING AREA
 - SOIL COMPACTION TESTING LOCATION

- SOIL COMPACTION TESTING REQUIREMENTS**
- 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.
 - AREAS OF THE SITE WHICH ARE SUBJECT TO COMPACTION TESTING AND/OR MITIGATION ARE GRAPHICALLY DENOTED ON THE CERTIFIED SOIL EROSION CONTROL PLAN.
 - 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.
 - 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**
- PROBING WIRE TEST (SEE DETAIL ON SHEET C10.1)
 - HAND-HELD PENETROMETER TEST (SEE DETAIL ON SHEET C10.1)
 - TUBE BULK DENSITY TEST (LICENSED PROFESSIONAL ENGINEER REQUIRED)
 - 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.

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.

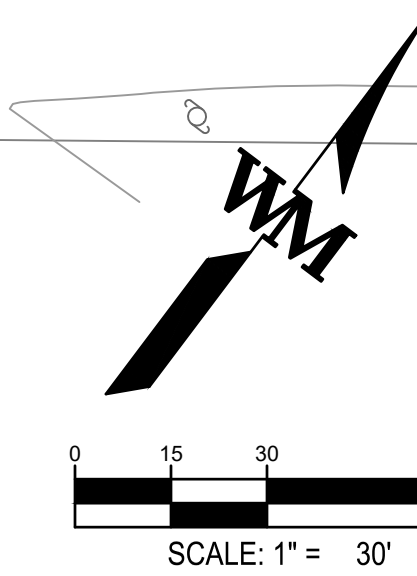
RESTORATION OF COMPACTED SOILS SHALL BE THROUGH DEEP SCARIFICATION UNTIL LAYER (6" MINIMUM DEPTH) WHERE THERE IS NO DANGER TO UNDERGROUND UTILITIES (CABLES, IRRIGATION SYSTEMS, ETC.) IN THE ALTERNATIVE, ANOTHER METHOD AS SPECIFIED BY A NEW JERSEY LICENSED PROFESSIONAL ENGINEER MAY BE SUBSTITUTED SUBJECT TO DISTRICT APPROVAL.

NO.	DATE	REMARKS
1	12/07/2020	EDGEWATER PARK REVIEW

JOB NO.:	NYC19-0005
PA / PM:	EW
DRAWN BY:	IH
DATE:	07/21/2020

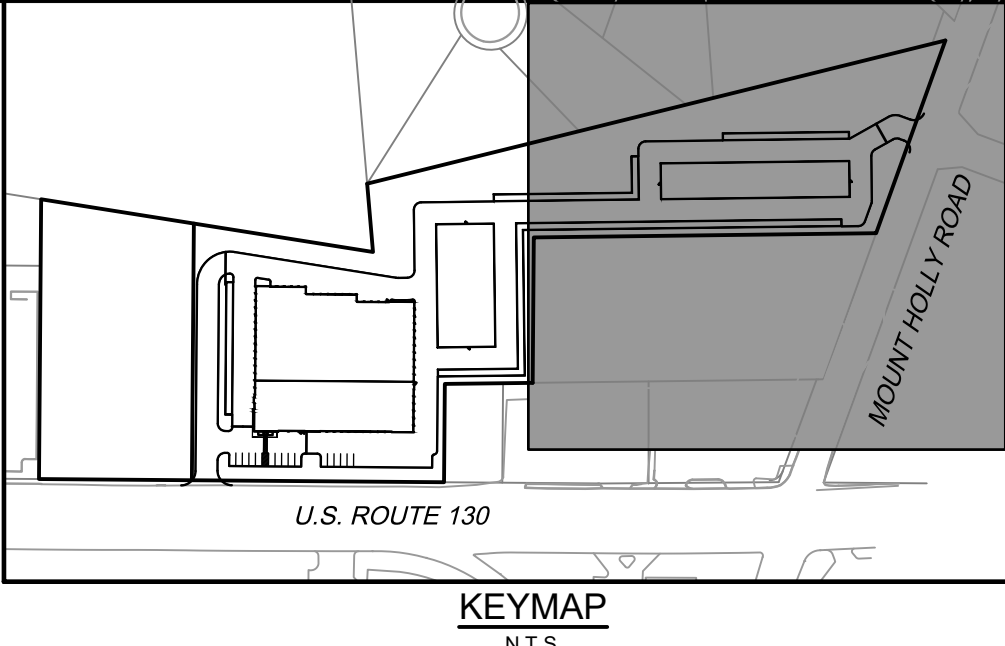
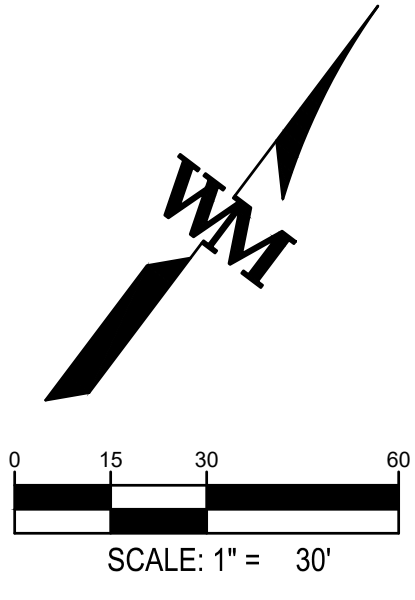
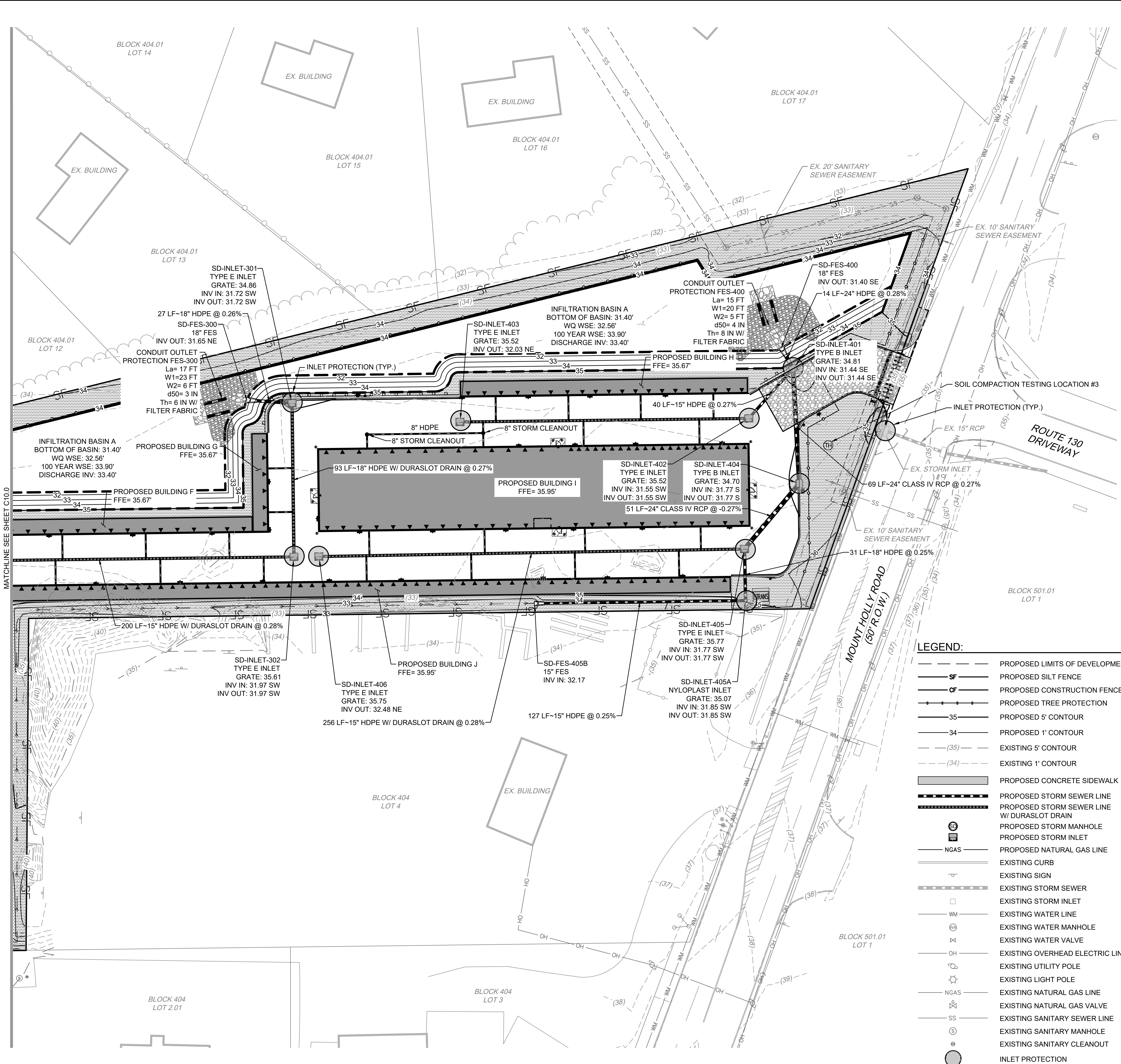
SHEET
C10.0
Sheet 20 of 28

- NOTES:**
- SEE SHEET C10.1 FOR SOIL COMPACTION TESTING REQUIREMENT DETAILS.
 - PROVIDE FILTER FABRIC BENEATH ALL TRENCH DRAINS FOR INLET PROTECTION.



NO.	DATE	REMARKS
1	12/07/2020	EDGEWATER PARK REVIEW

JOB NO.:	NYC19-0005
PA / PM:	EW
DRAWN BY:	IH
DATE:	07/21/2020



Soil De-compaction and Testing Requirements

Soil Compaction Testing Requirements

- 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.
- Areas of the site which are subject to compaction testing and/or mitigation are graphically denoted on the certified soil erosion control plan.
- 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 mitigation verification 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.
- 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" minimum depth) or similar) is proposed as part of the sequence of construction.

Procedures for Soil Compaction Mitigation

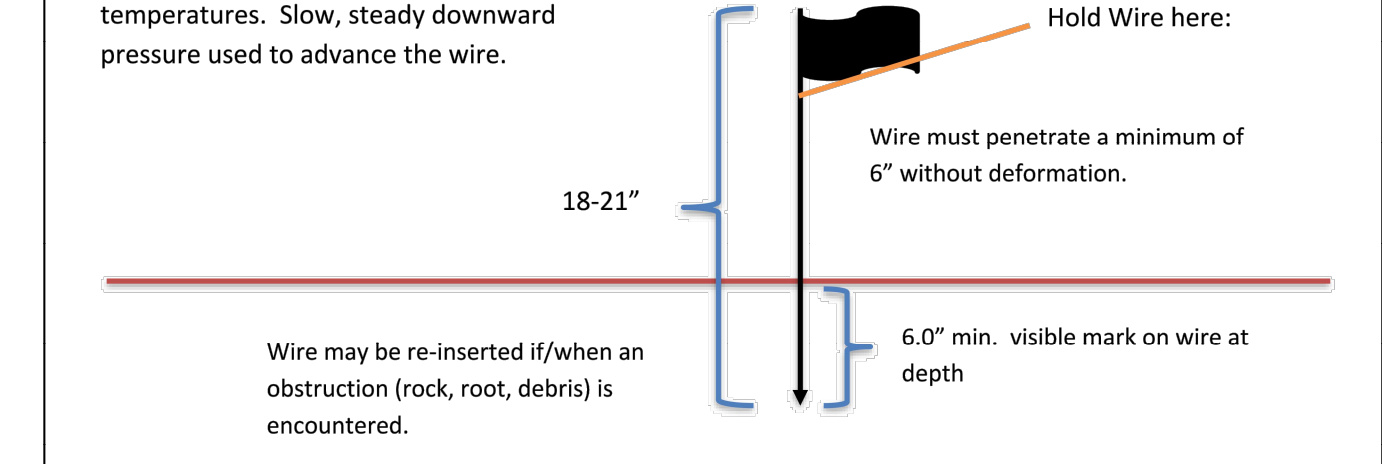
Procedures shall be used to mitigate excessive soil compaction prior to placement of topsoil and establishment of permanent vegetative cover.

Restoration of compacted soils shall be through deep scarification/tillage (6" minimum depth) where there is no danger to underground utilities (cables, irrigation systems, etc.). In the alternative, another method as specified by a New Jersey Licensed Professional Engineer maybe substituted subject to District Approval.

Simplified Testing Methods

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

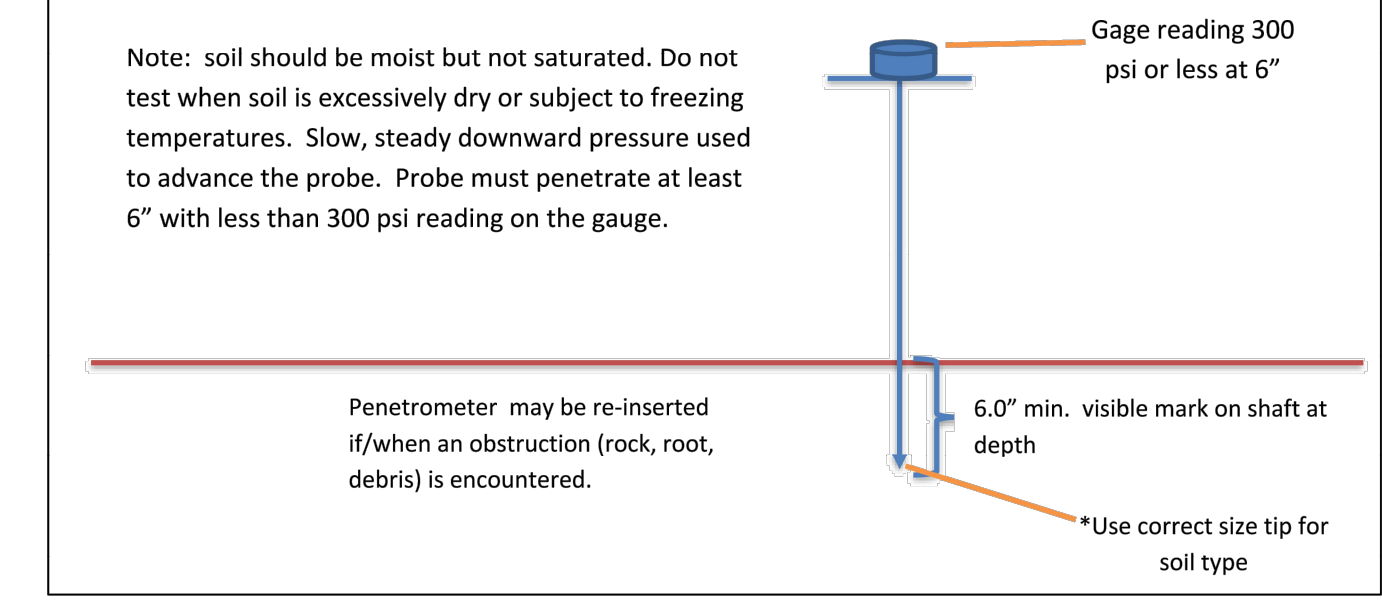
Note: soil should be moist but not saturated. Do not test when soil is excessively dry or subject to freezing temperatures. Slow, steady downward pressure used to advance the wire.



Wire may be re-inserted if/when an obstruction (rock, root, debris) is encountered.

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 inches with less than 300 psi reading on the gauge.



Penetrometer may be re-inserted if/when an obstruction (rock, root, debris) is encountered.

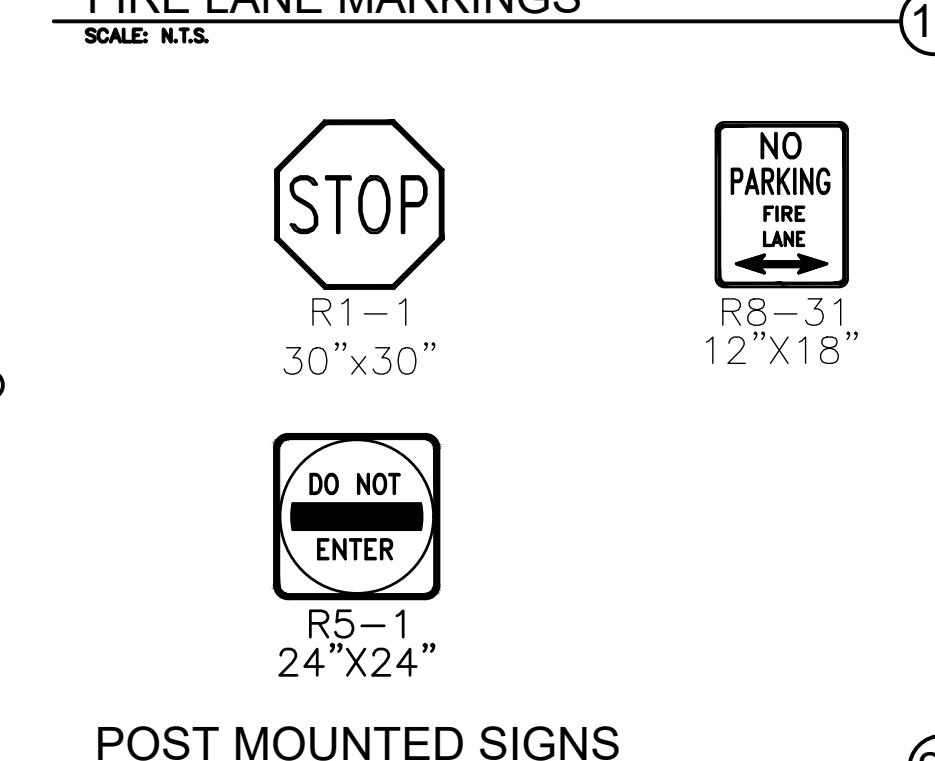
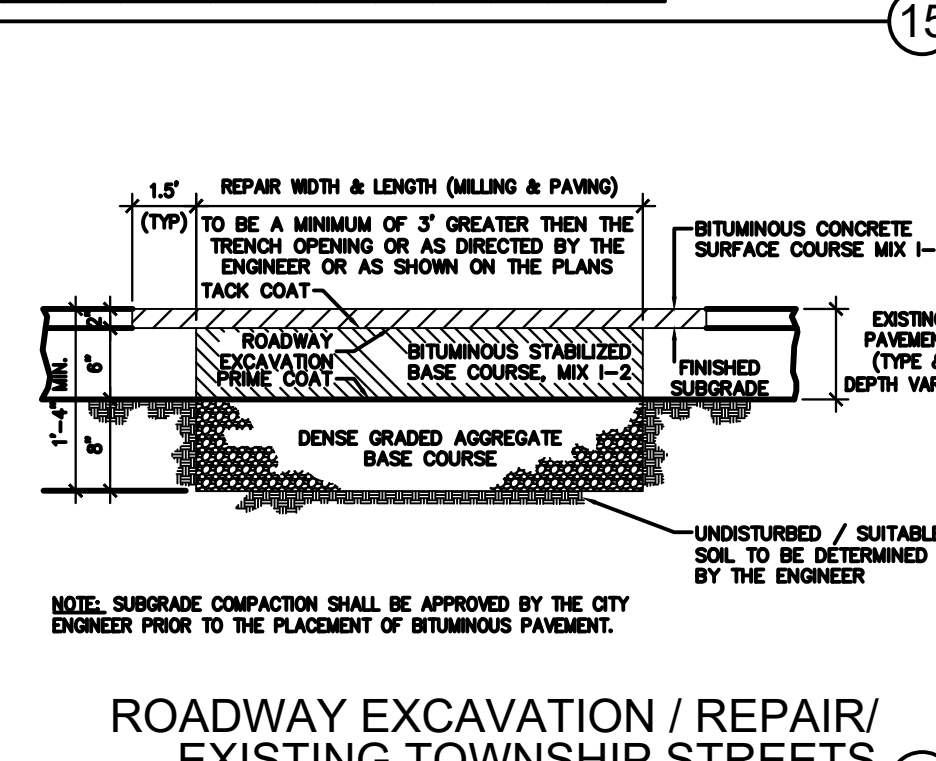
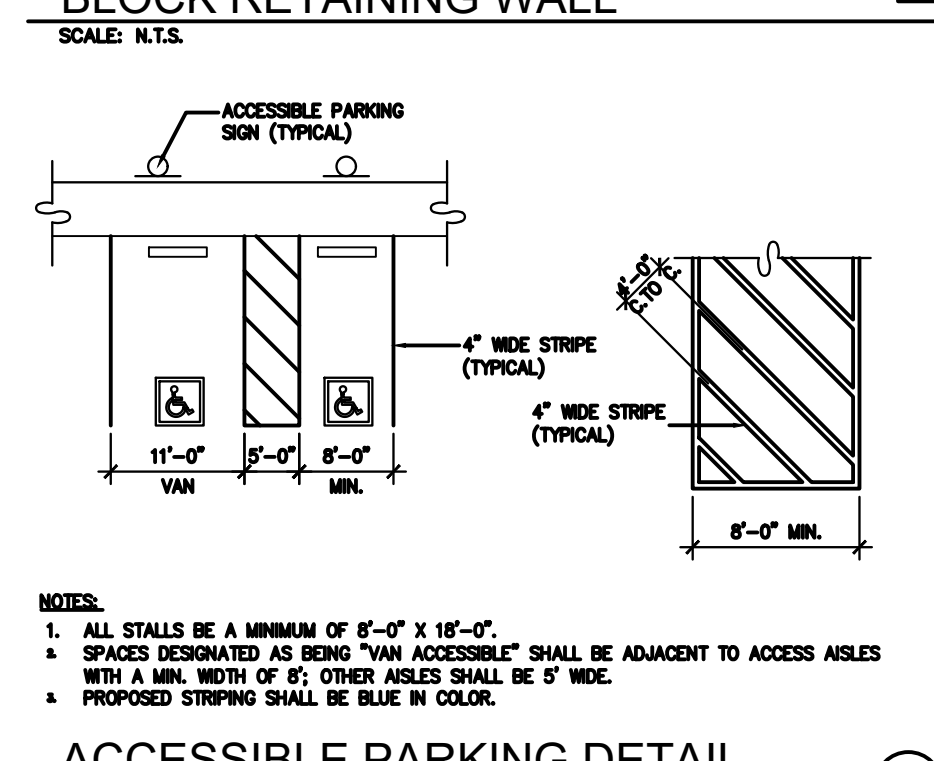
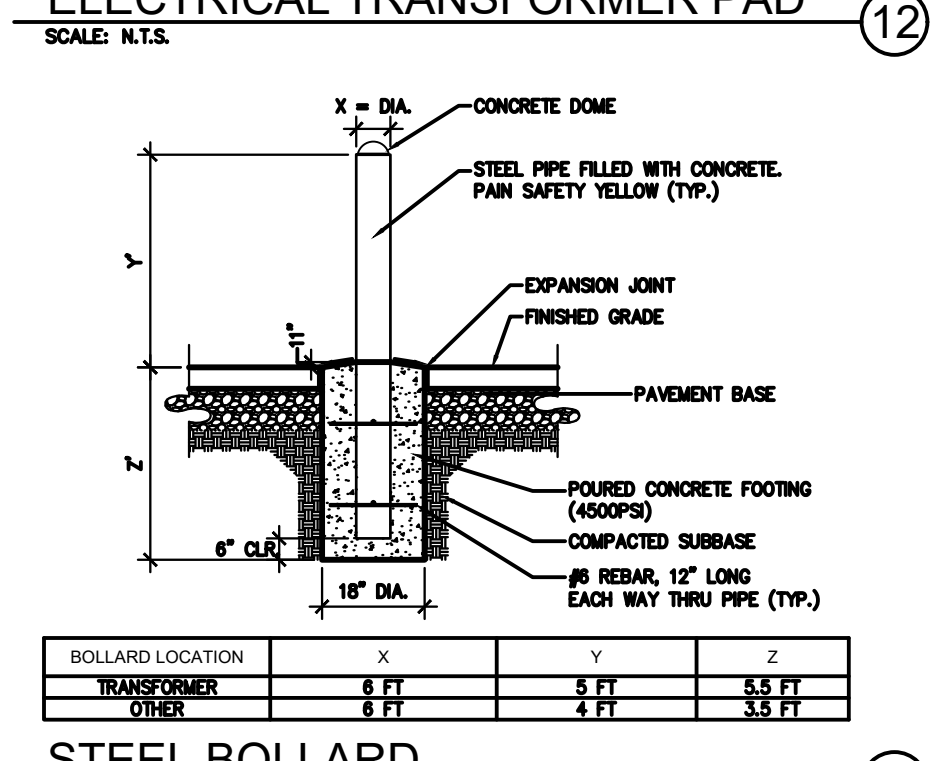
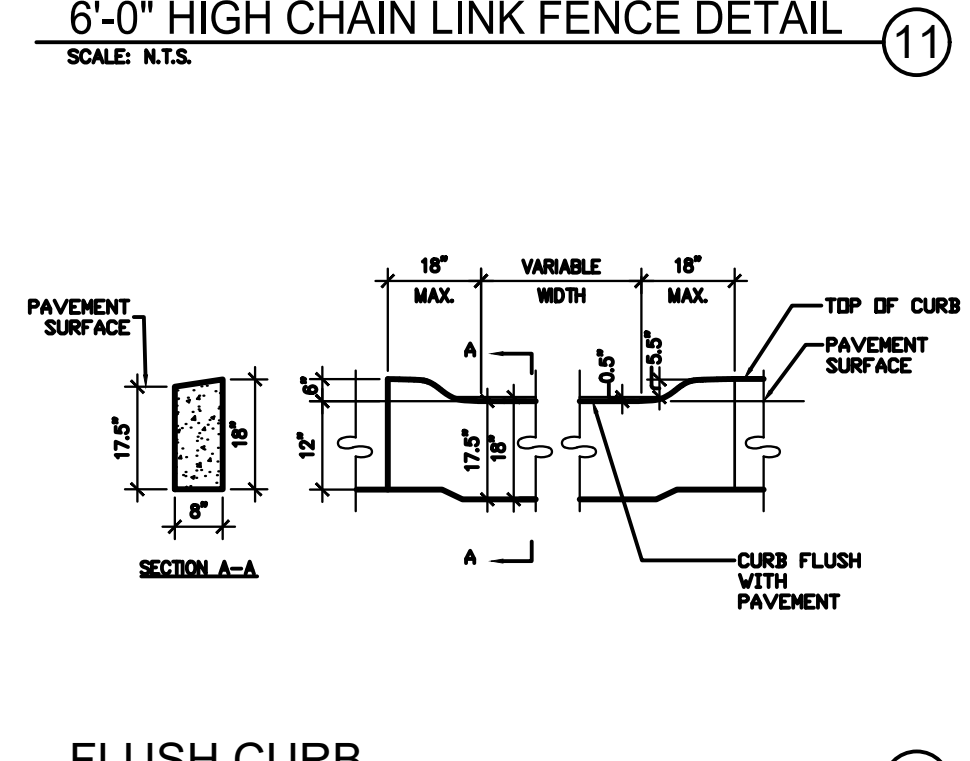
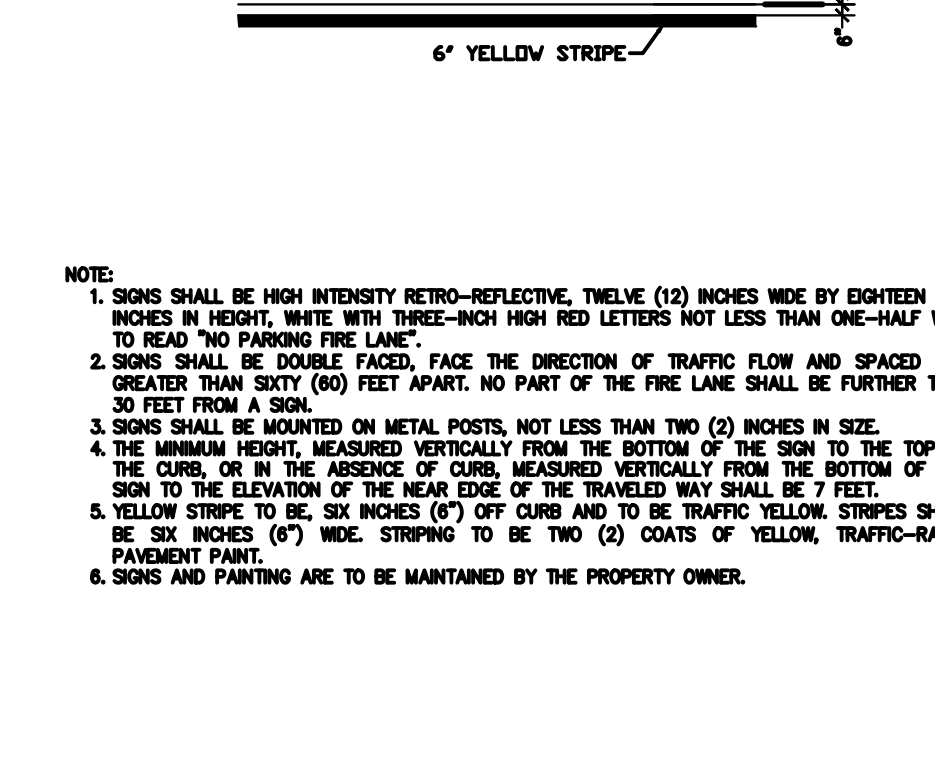
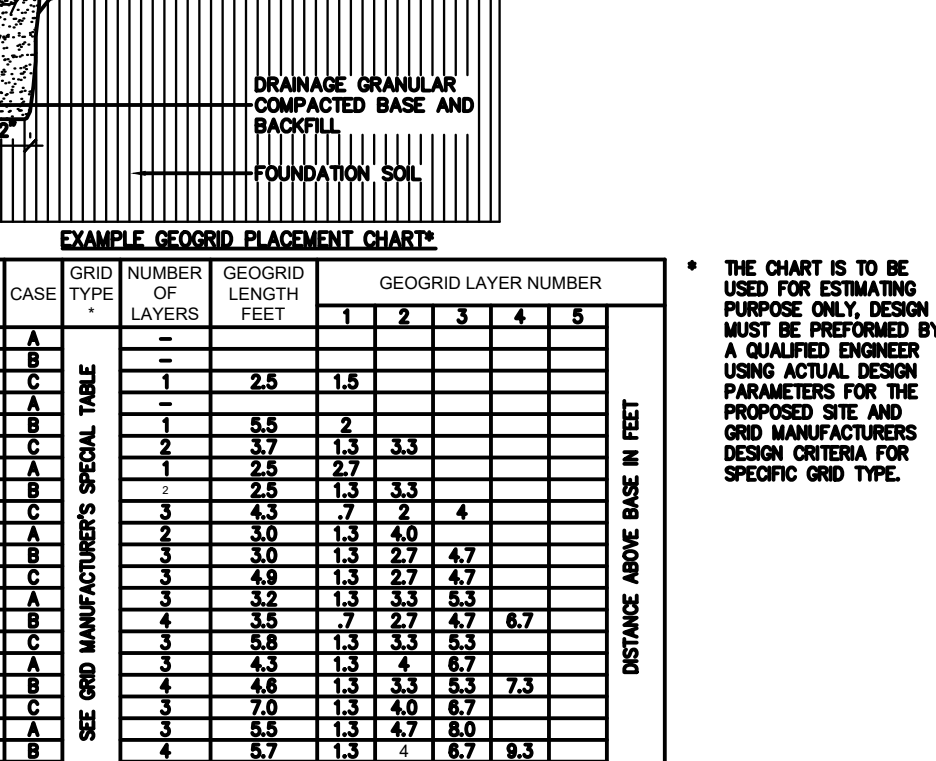
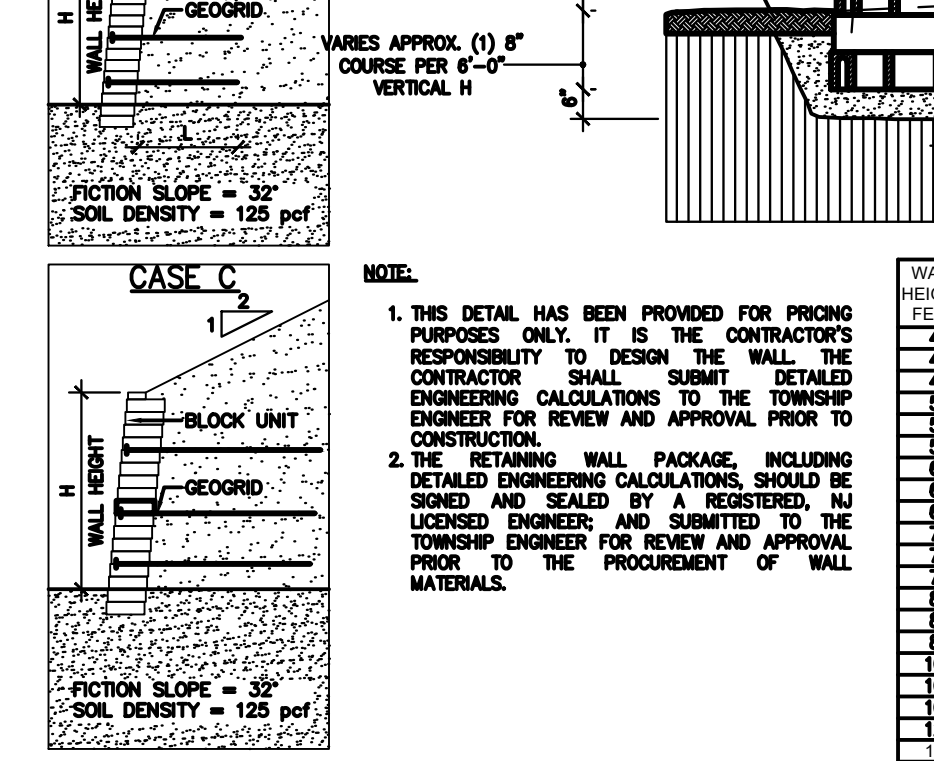
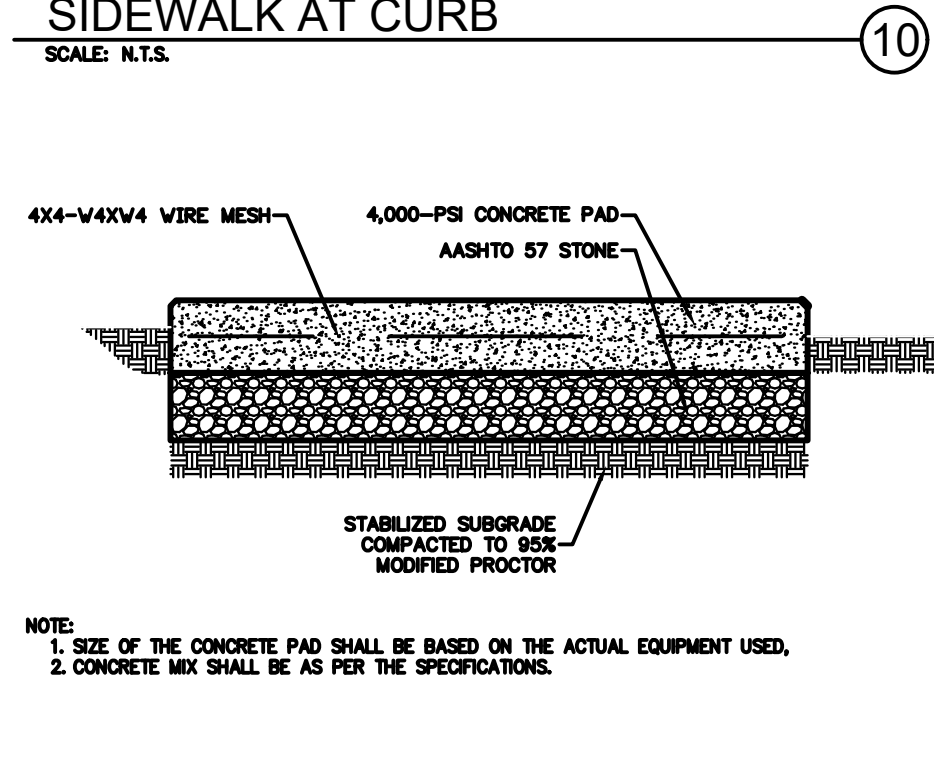
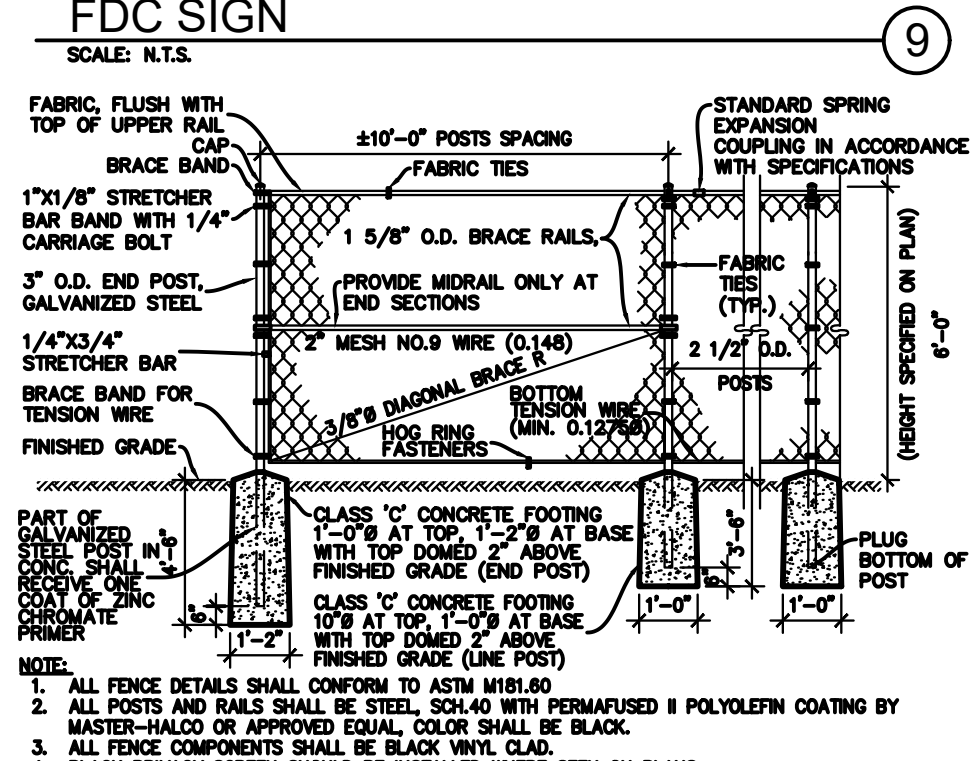
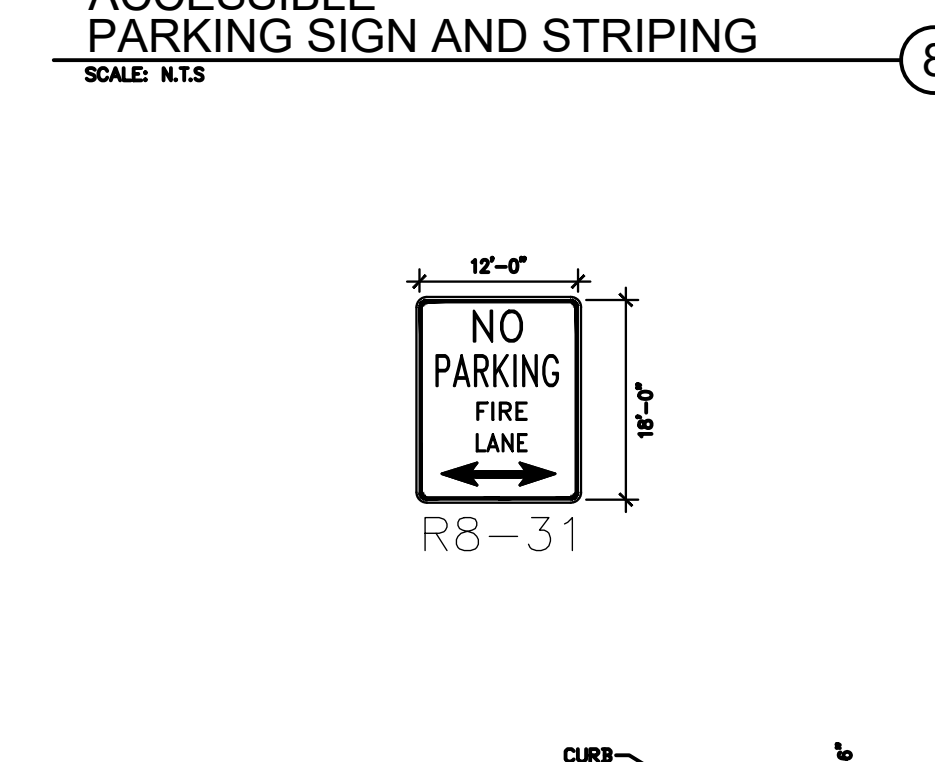
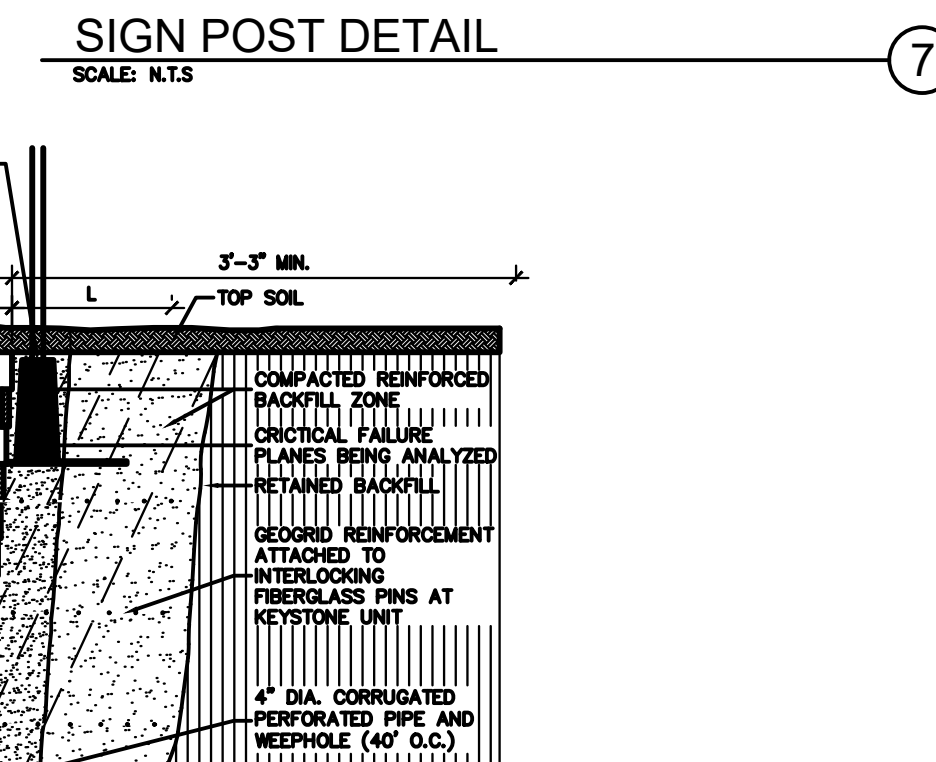
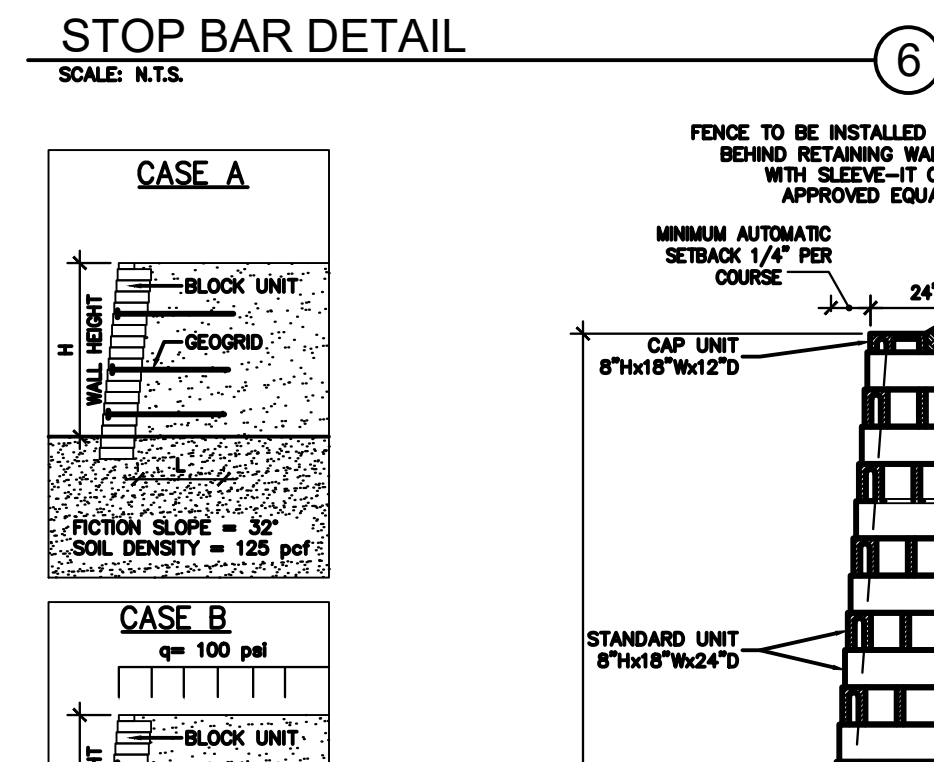
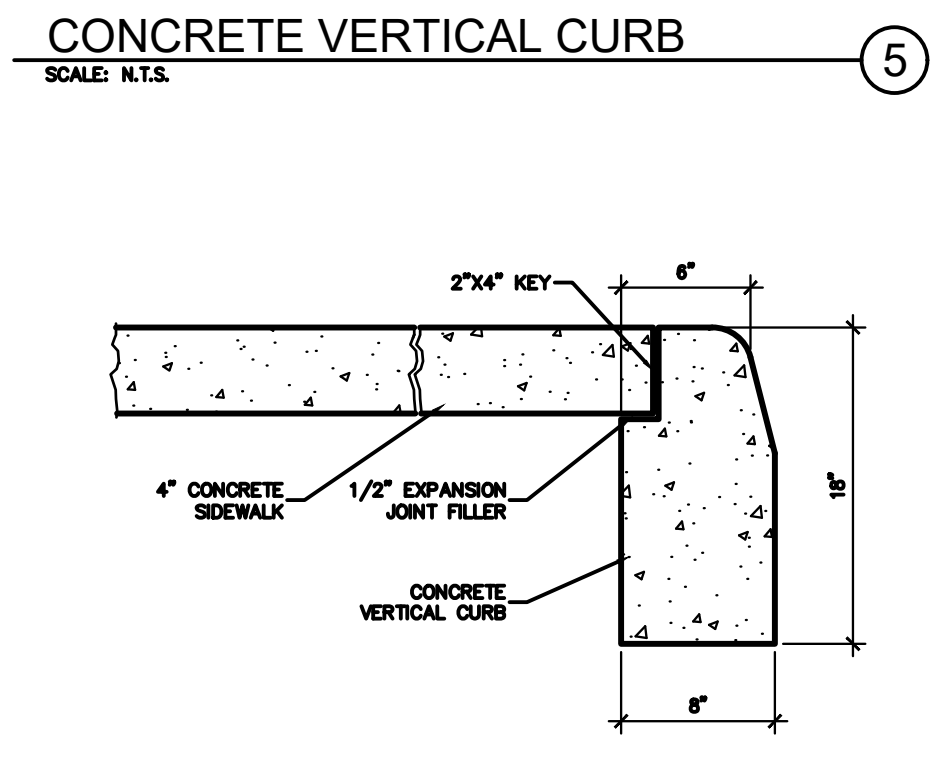
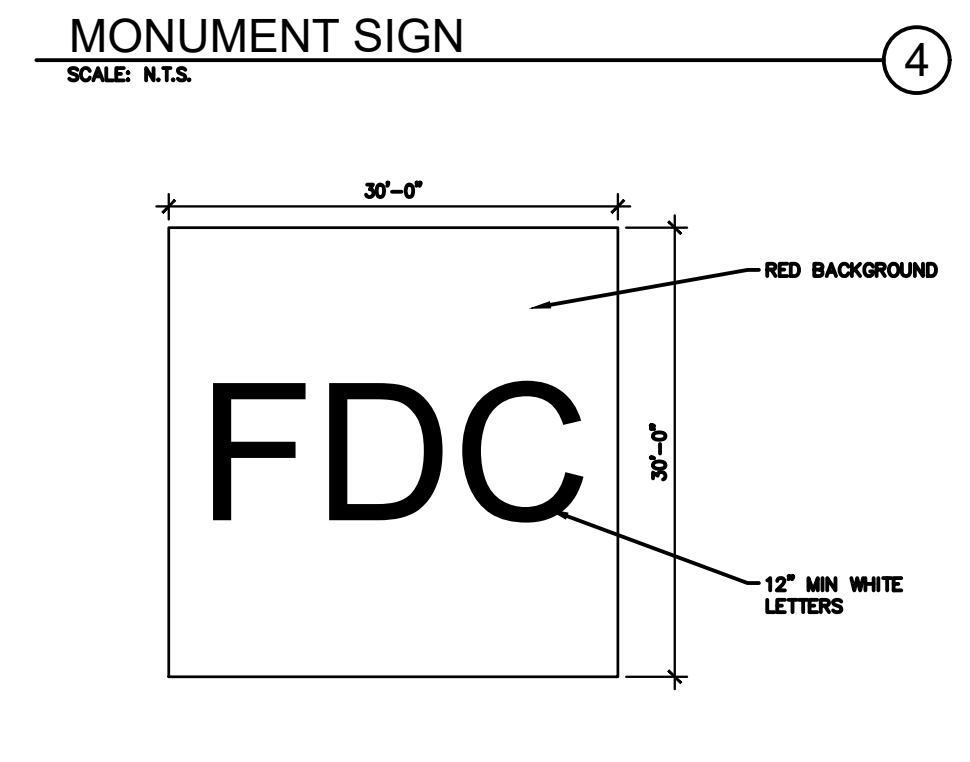
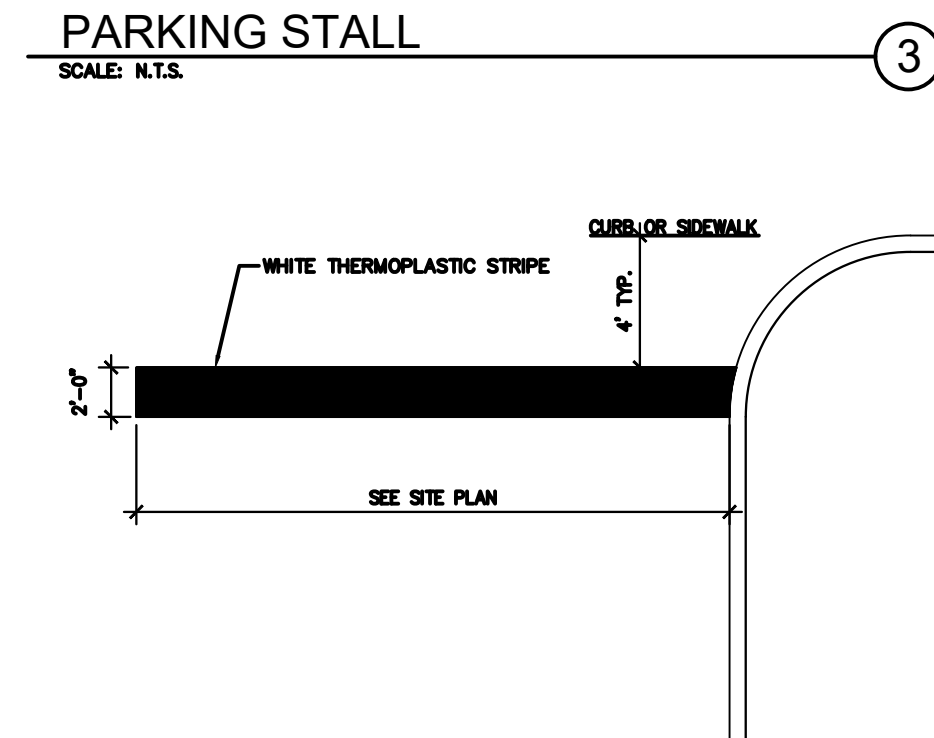
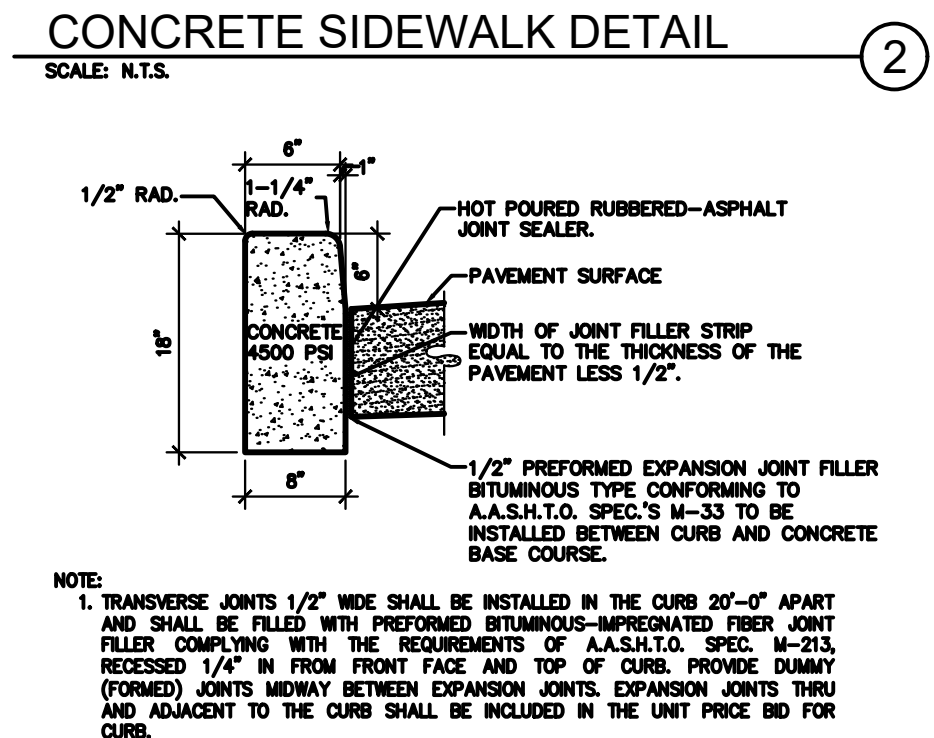
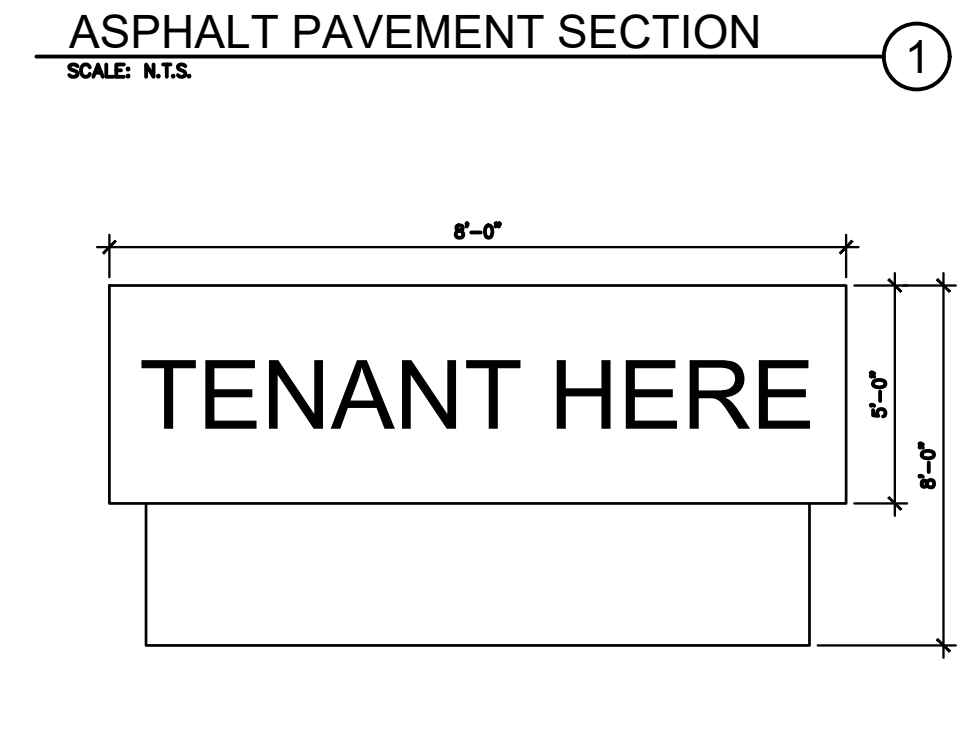
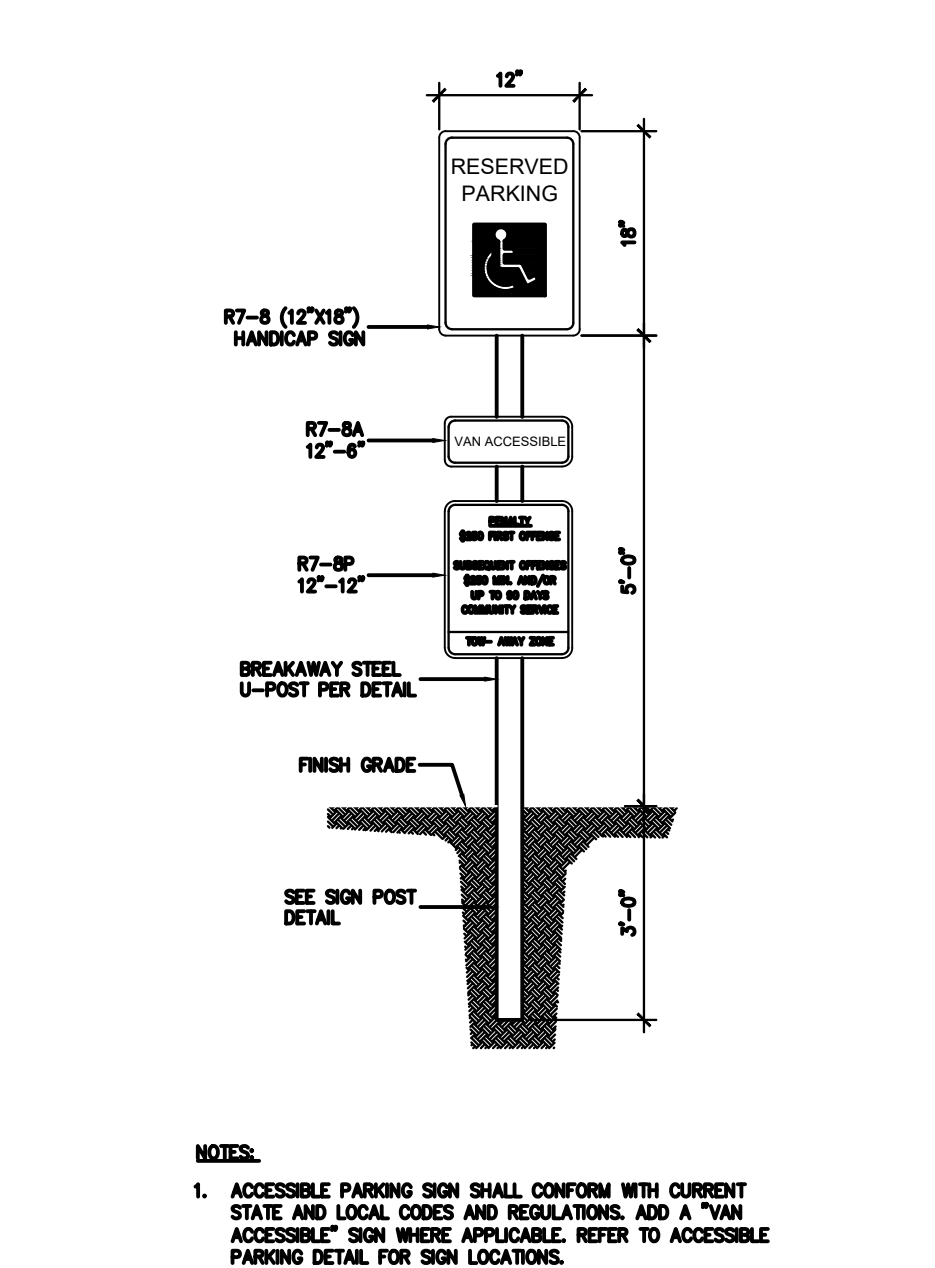
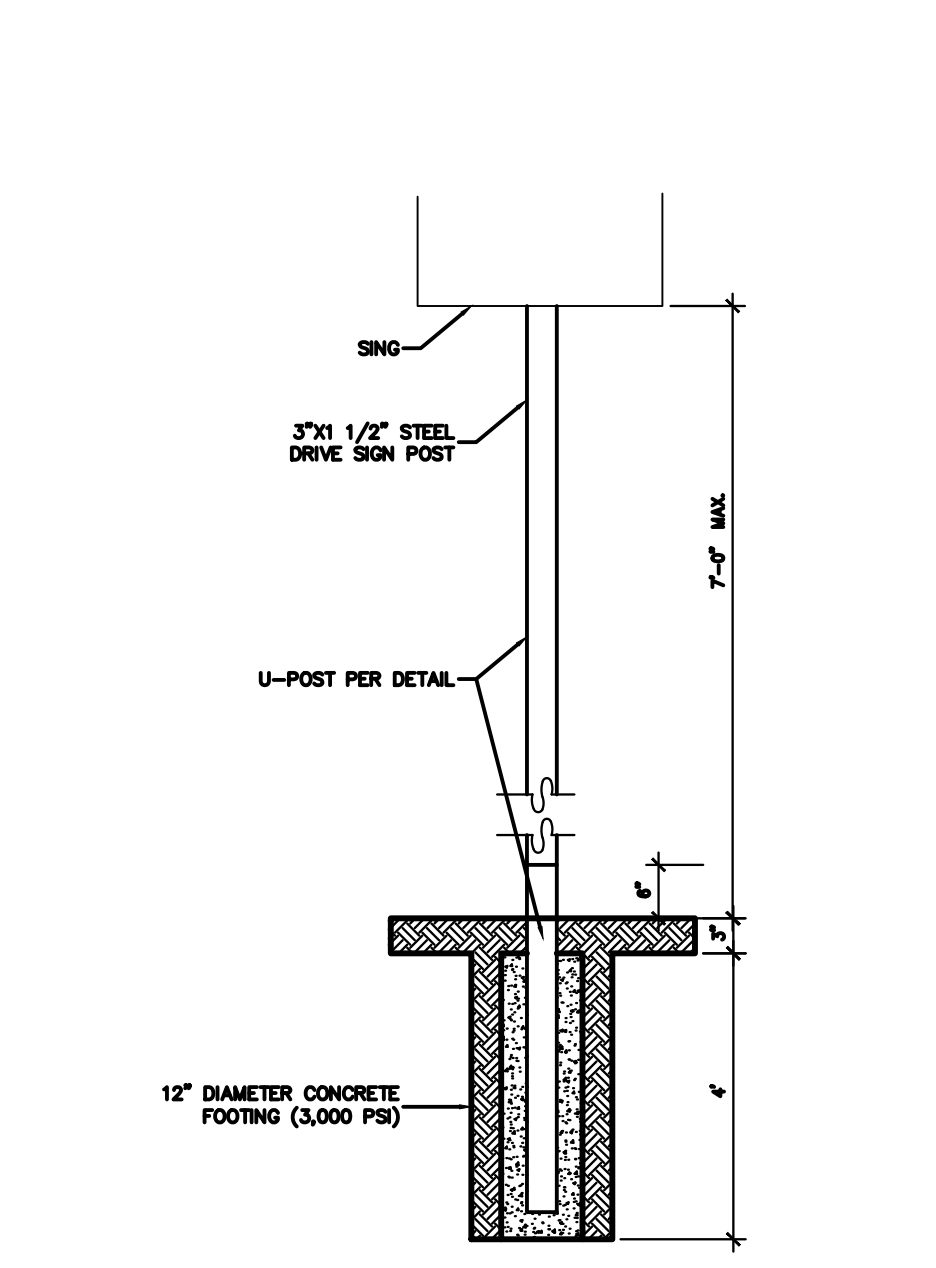
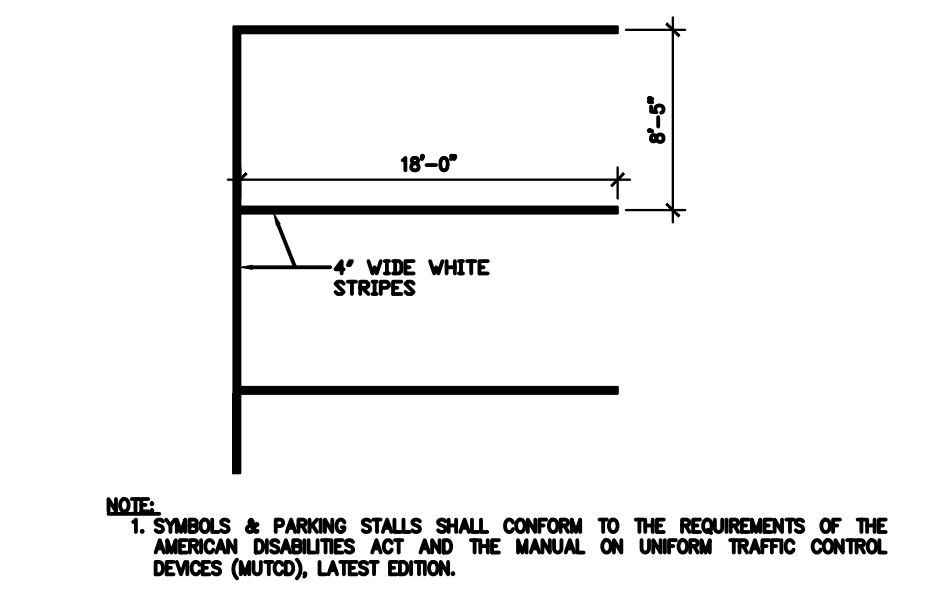
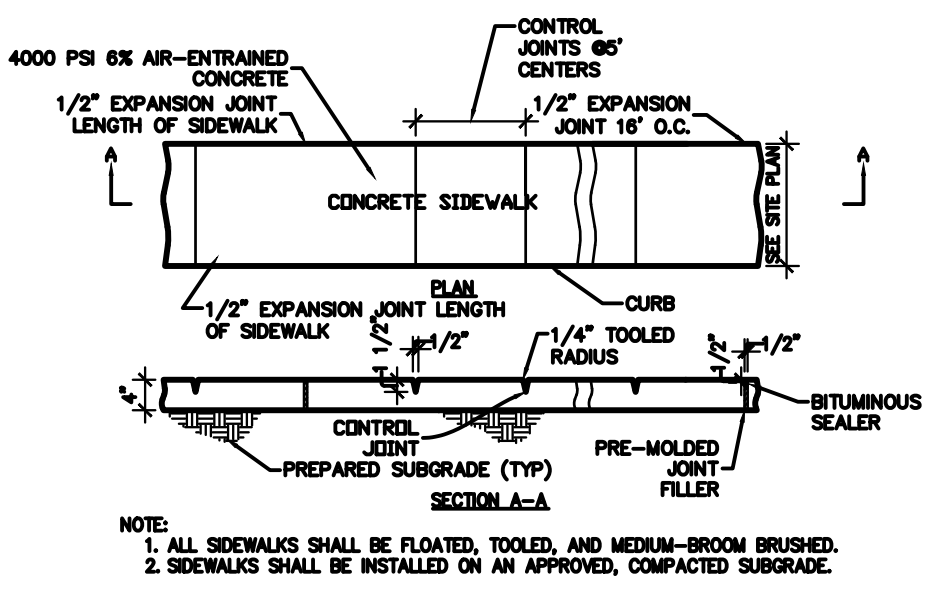
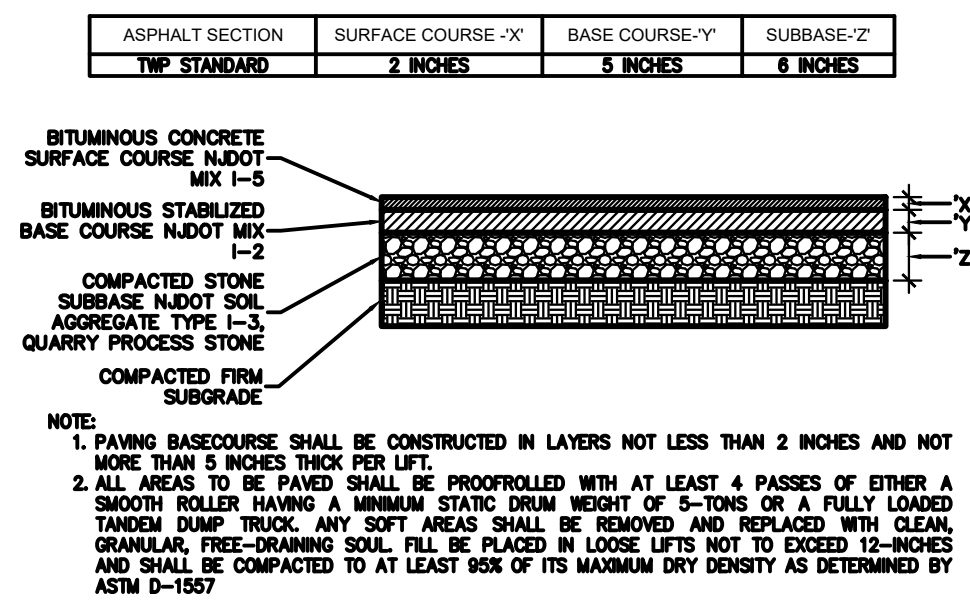
LEGEND:

- SF — PROPOSED LIMITS OF DEVELOPMENT
- CF — PROPOSED SILT FENCE
- CF — PROPOSED CONSTRUCTION FENCE
- TP — PROPOSED TREE PROTECTION
- 35 — PROPOSED 5' CONTOUR
- 34 — PROPOSED 1' CONTOUR
- (35) — EXISTING 5' CONTOUR
- (34) — EXISTING 1' CONTOUR
- [Hatched] — PROPOSED CONCRETE SIDEWALK
- [Dashed] — PROPOSED STORM SEWER LINE
- [Dashed] — PROPOSED STORM SEWER LINE W/ DURASLOT DRAIN
- [Square] — PROPOSED STORM MANHOLE
- [Circle] — PROPOSED STORM INLET
- NGAS — PROPOSED NATURAL GAS LINE
- [Line] — EXISTING CURB
- [Triangle] — EXISTING SIGN
- [Dashed] — EXISTING STORM SEWER
- [Circle] — EXISTING STORM INLET
- WM — EXISTING WATER LINE
- [Circle] — EXISTING WATER MANHOLE
- [Circle] — EXISTING WATER VALVE
- OH — EXISTING OVERHEAD ELECTRIC LINE
- [Circle] — EXISTING UTILITY POLE
- [Circle] — EXISTING LIGHT POLE
- NGAS — EXISTING NATURAL GAS LINE
- [Circle] — EXISTING NATURAL GAS VALVE
- SS — EXISTING SANITARY SEWER LINE
- [Circle] — EXISTING SANITARY MANHOLE
- [Circle] — EXISTING SANITARY CLEANOUT
- [Circle] — INLET PROTECTION
- [Circle] — SOIL COMPACTION TESTING AREA
- [Circle] — SOIL COMPACTION TESTING LOCATION

NOTES:
1. SEE SHEET C10.0 FOR SOIL COMPACTION TESTING REQUIREMENT NOTES.
2. PROVIDE FILTER FABRIC BENEATH ALL TRENCH DRAINS FOR INLET PROTECTION.

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FOR AND ON BEHALF OF WARE MALCOLM

EDGEWATER PARK - SELF STORAGE DEVELOPMENT
PRELIMINARY SITE PLAN APPLICATION
CONSTRUCTION DETAILS
4201 ROUTE 130, BURLINGTON COUNTY, EDgewater PARK, NEW JERSEY

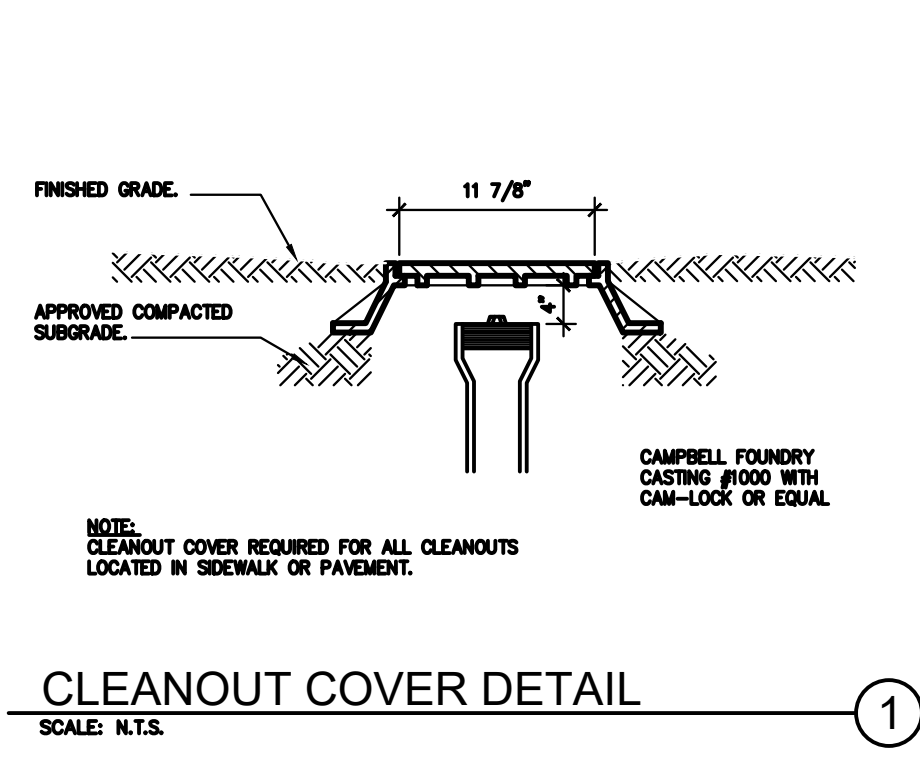
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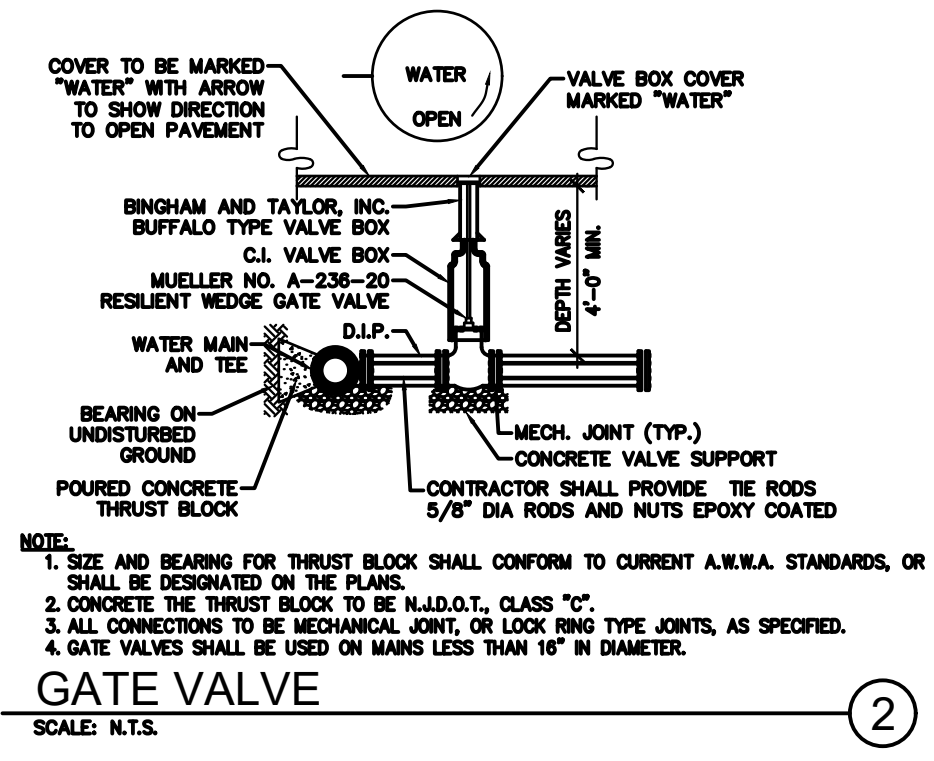
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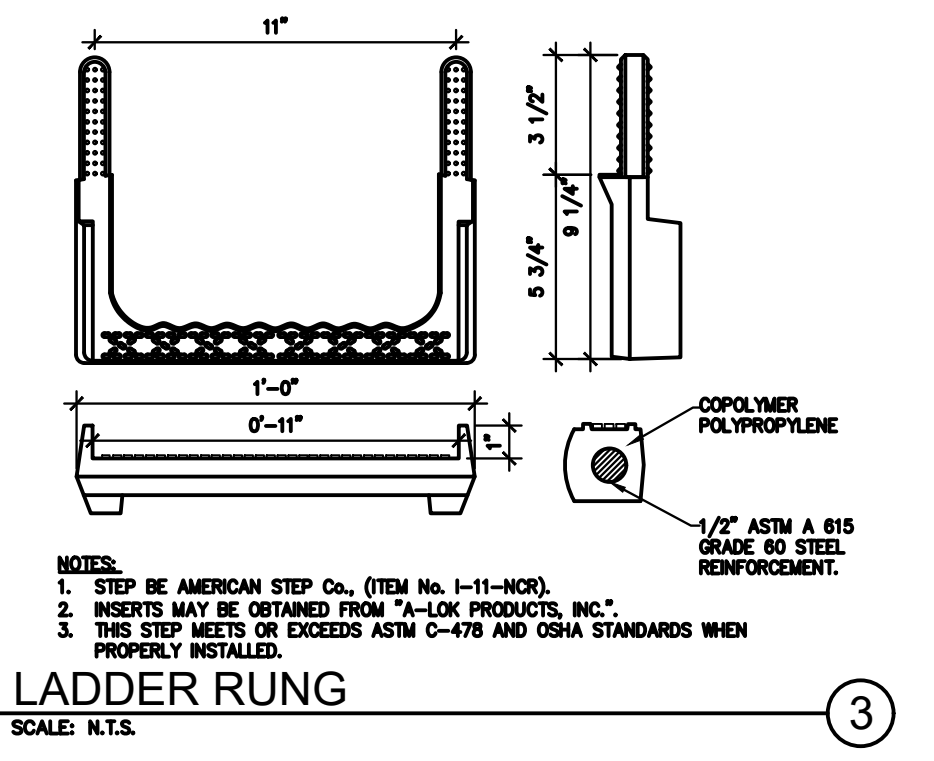
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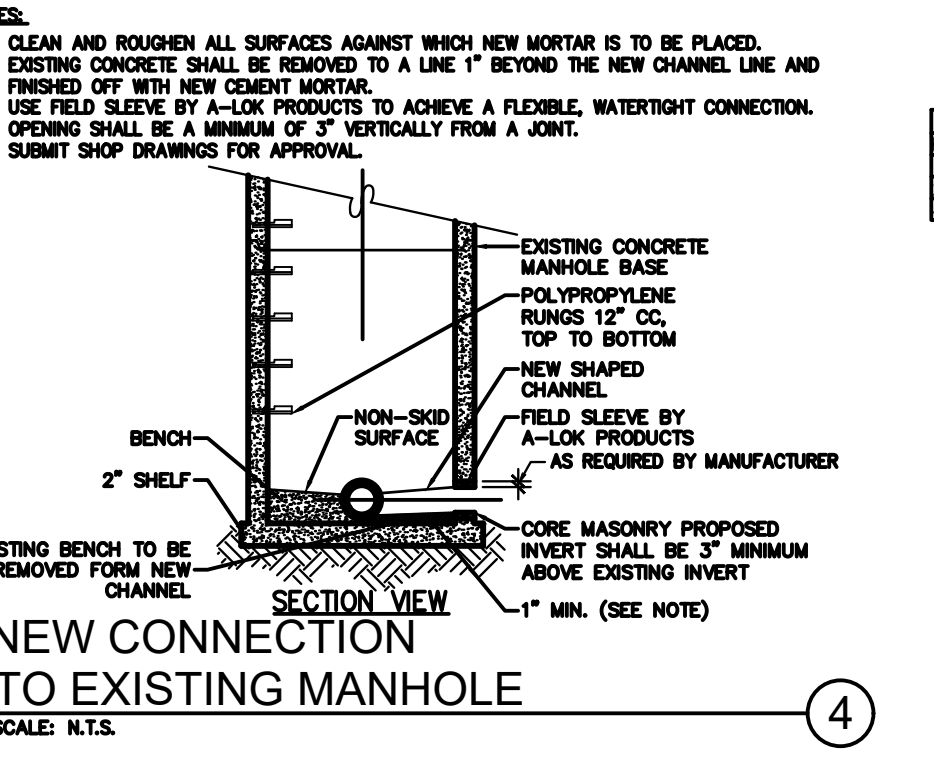
CLEANOUT COVER DETAIL
SCALE: N.T.S.



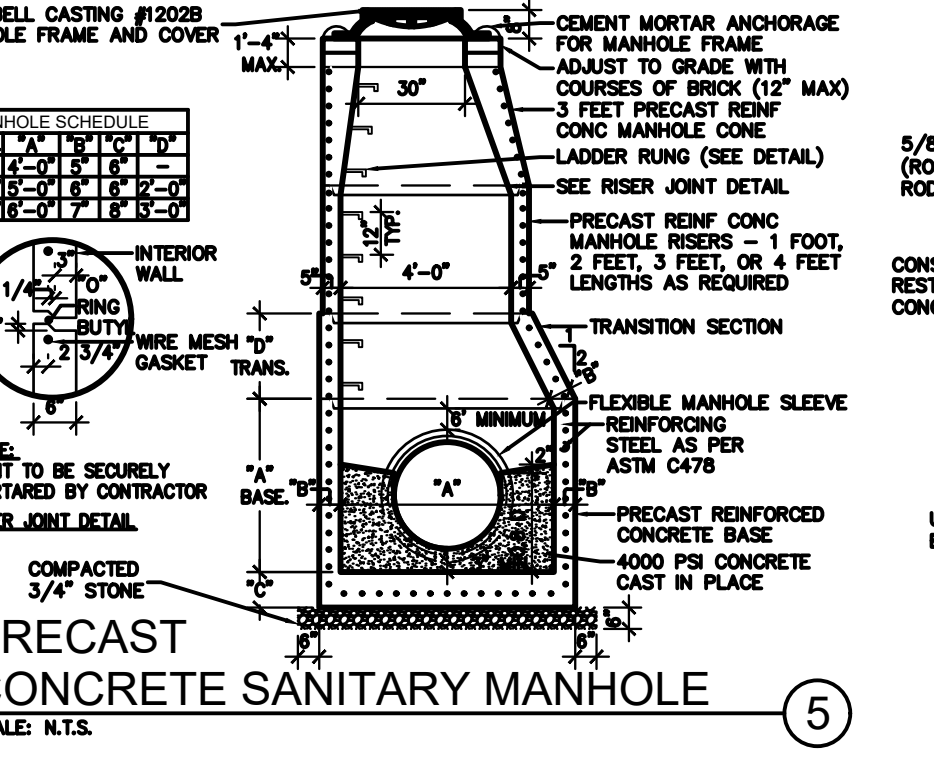
GATE VALVE
SCALE: N.T.S.



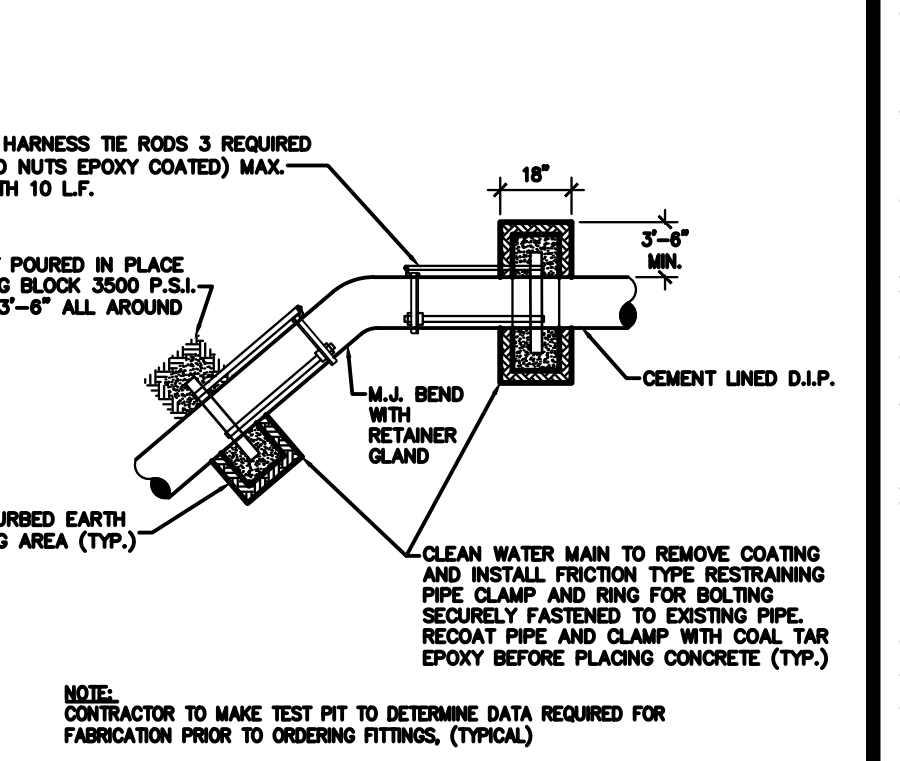
LADDER RUNG
SCALE: N.T.S.



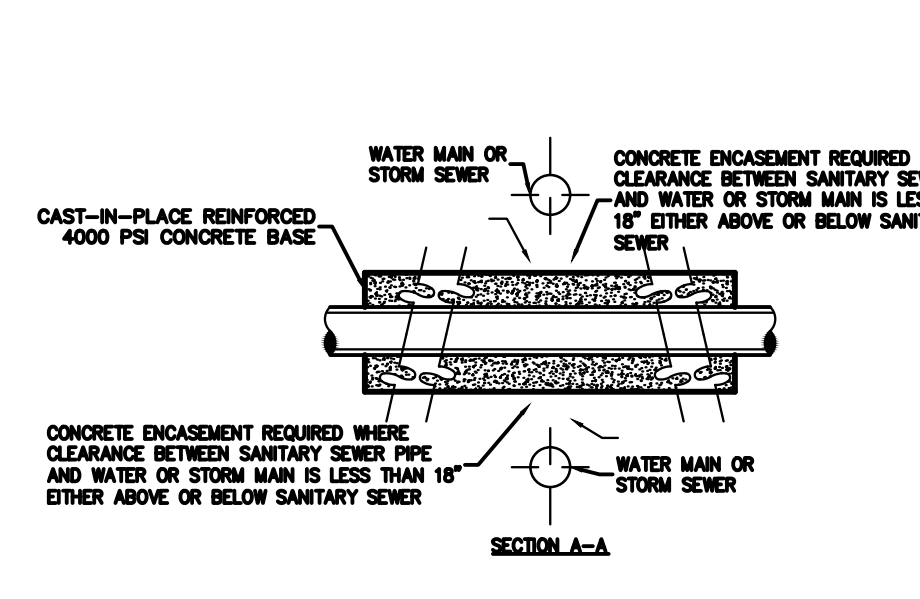
NEW CONNECTION TO EXISTING MANHOLE
SCALE: N.T.S.



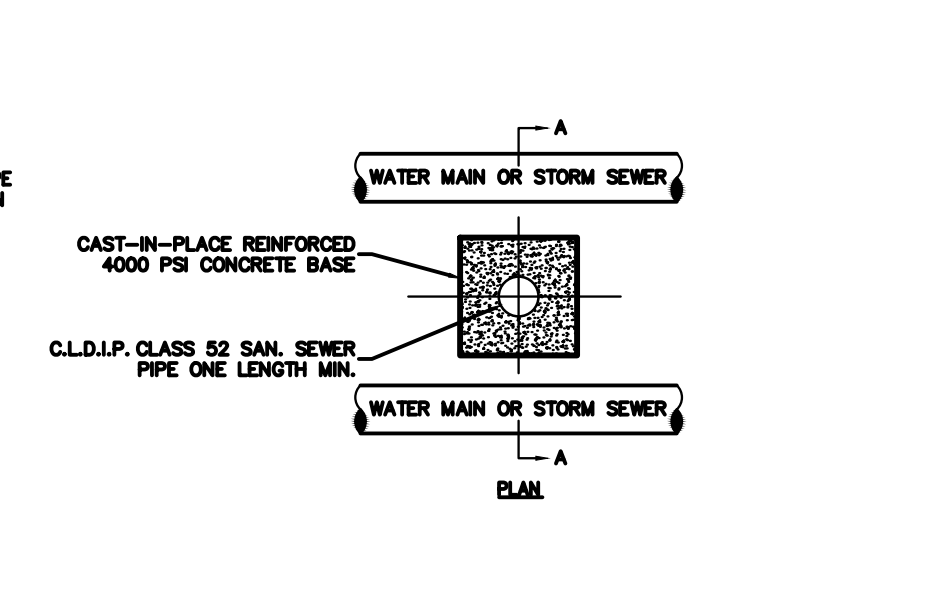
PRECAST CONCRETE SANITARY MANHOLE
SCALE: N.T.S.



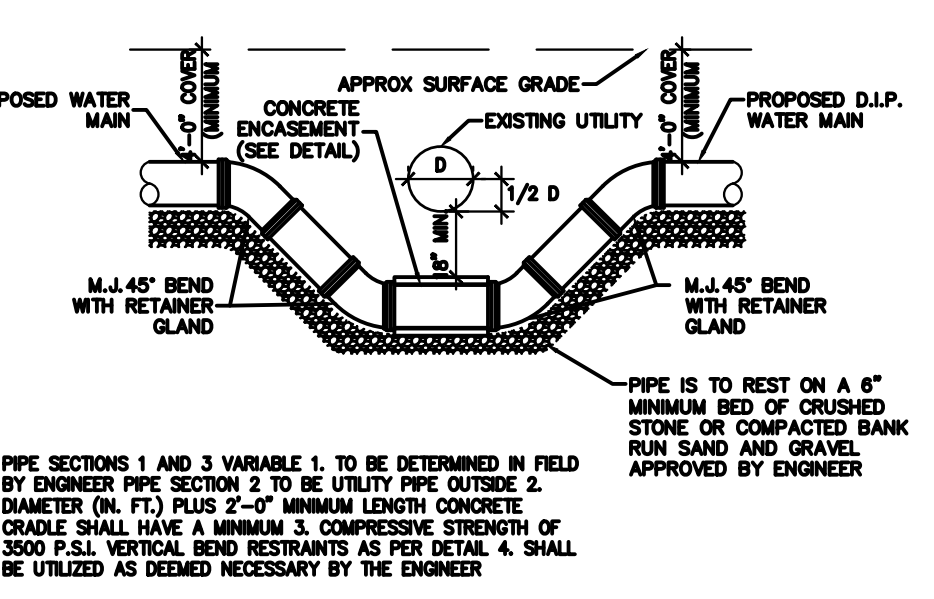
VERTICAL BEND RESTRAINTS
SCALE: N.T.S.



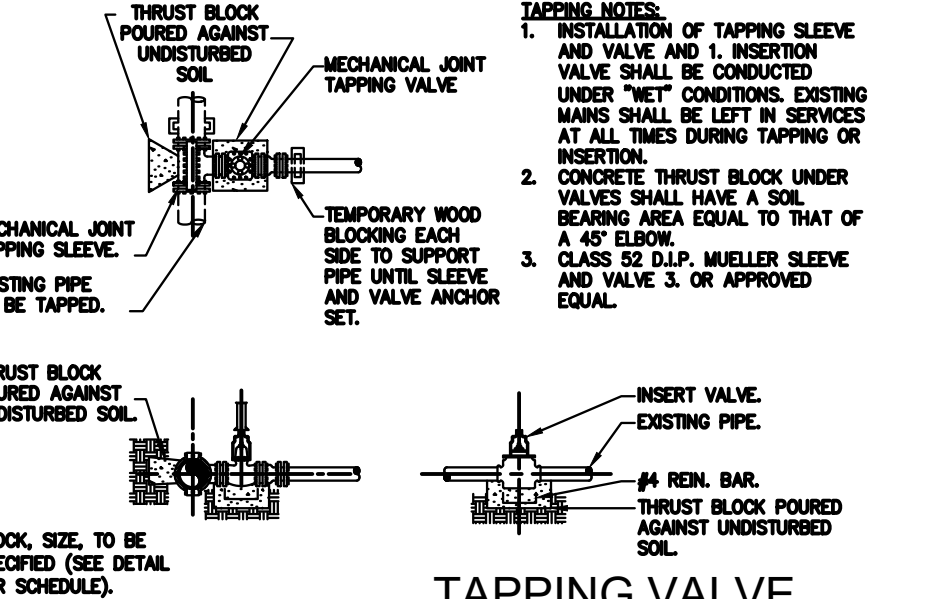
SANITARY SEWER CONCRETE ENCASUREMENT
SCALE: N.T.S.



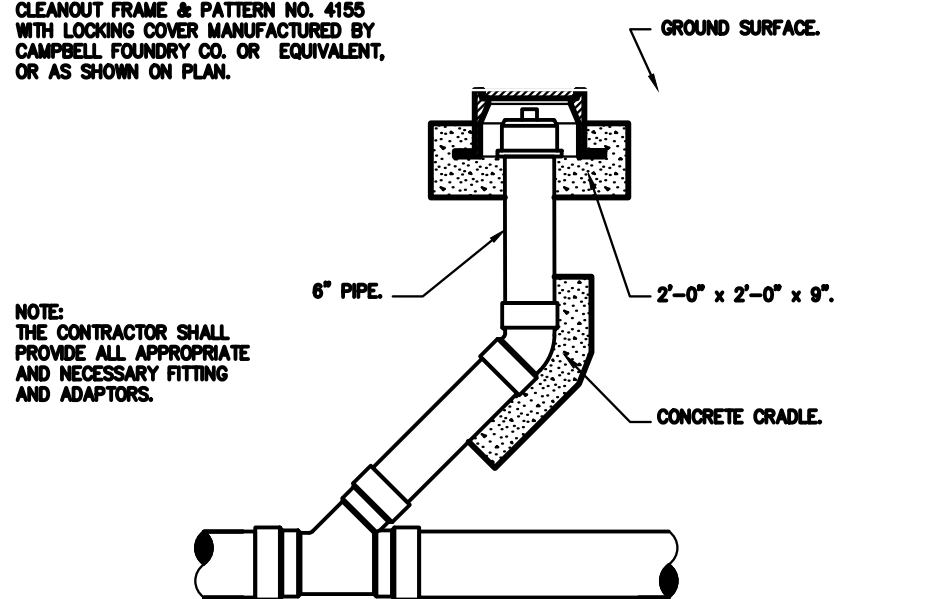
UTILITY CROSSING
SCALE: N.T.S.



TAPPING VALVE AND SLEEVE ASSEMBLY
SCALE: N.T.S.



SANITARY/STORM CLEANOUT
SCALE: N.T.S.

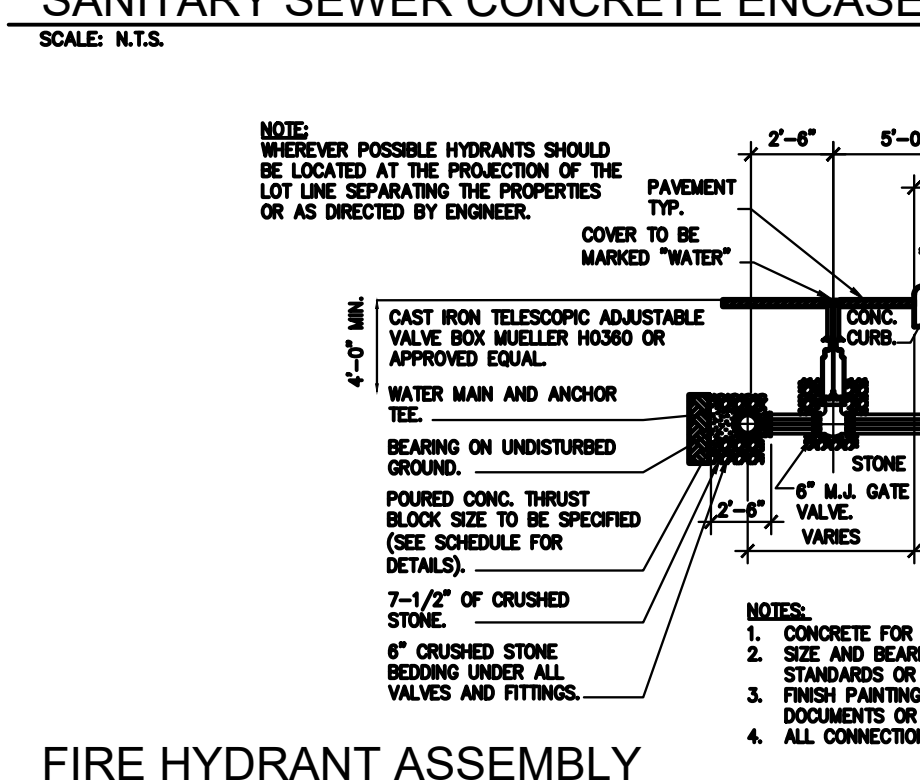


VERTICAL BEND RESTRAINTS
SCALE: N.T.S.

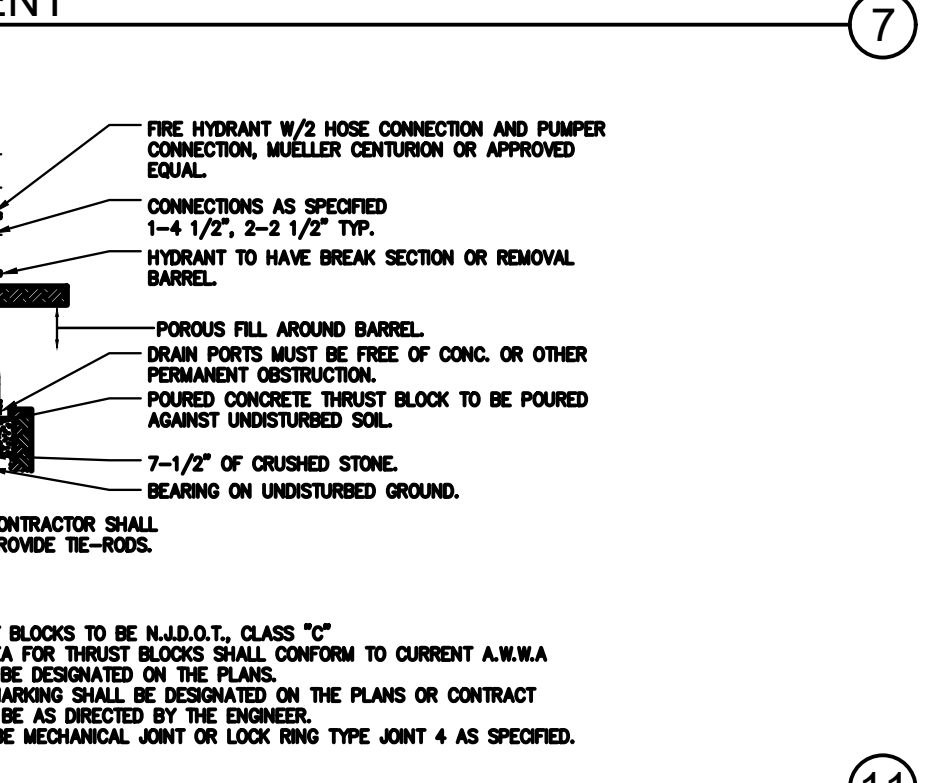
NOTE: CONTRACTOR TO MAKE TEST PIT TO DETERMINE DATA REQUIRED FOR FABRICATION PRIOR TO ORDERING FITTINGS. (TYPICAL)

NUMBER AND SIZE OF RODS REQUIRED AND PIPE LENGTH IN FEET TO BE RESTRAINED		TO BE RESTRAINED	
PIPE SIZE (DIP) OR DIA. IN INCHES	END PLUG	NO. SIZE	NO. SIZE
4"	2 3/4"	30'	2 3/4"
6"	2 3/4"	40'	2 3/4"
8"	4 OR 2 7/8"	50'	2 3/4"
10"	4 OR 3 1/4"	60'	2 3/4"
12"	4 7/8"	70'	2 3/4"
14"	4 1"	80'	2 3/4"
16"	4 1"	80'	2 3/4"

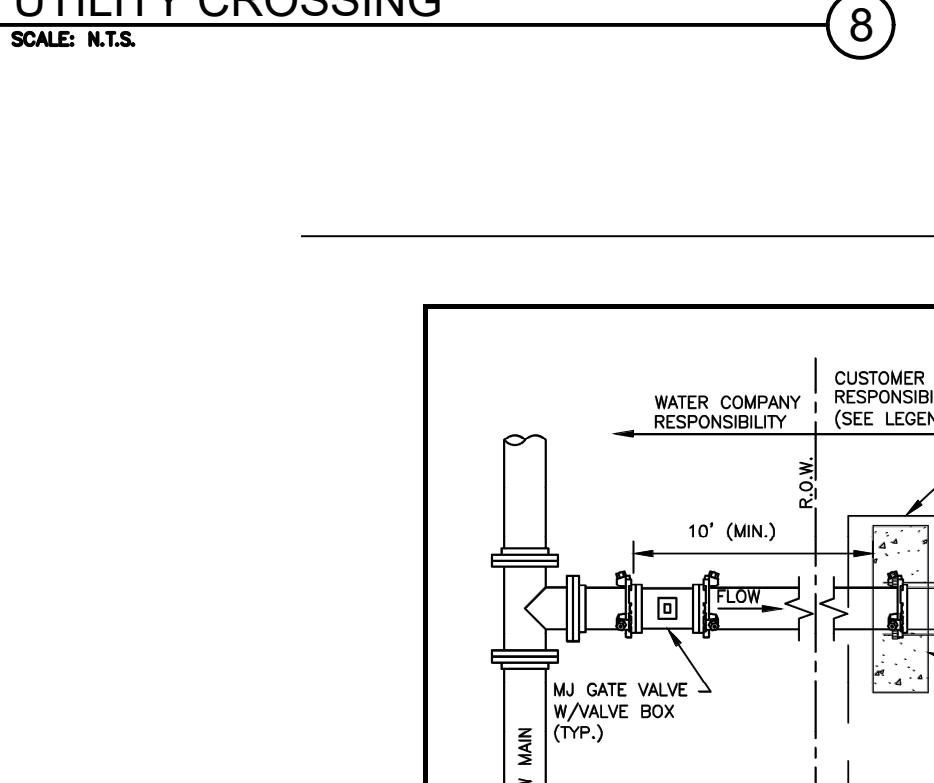
NOTE: 1. USE OF MECHANICAL JOINT RESTRAINER GLANDS SHALL PROVIDE A THRUST RESTRAINT SYSTEM EQUIVALENT TO THAT LISTED IN THE TABLE FOR CLAMPS AND RODS. 2. LENGTHS ARE BASED ON THE FOLLOWING 2. CRITERIA: 150 P.S.I. MAXIMUM PRESSURE AND 3'-0" OF COVER. TABLE IS FOR USE WITH C.I./D.I.P. ONLY. IF TEST CONDITIONS ARE MORE SEVERE OR LARGER PIPES ARE PROPOSED, THEN SPECIAL COMPUTATIONS MUST BE MADE BY THE ENGINEER.



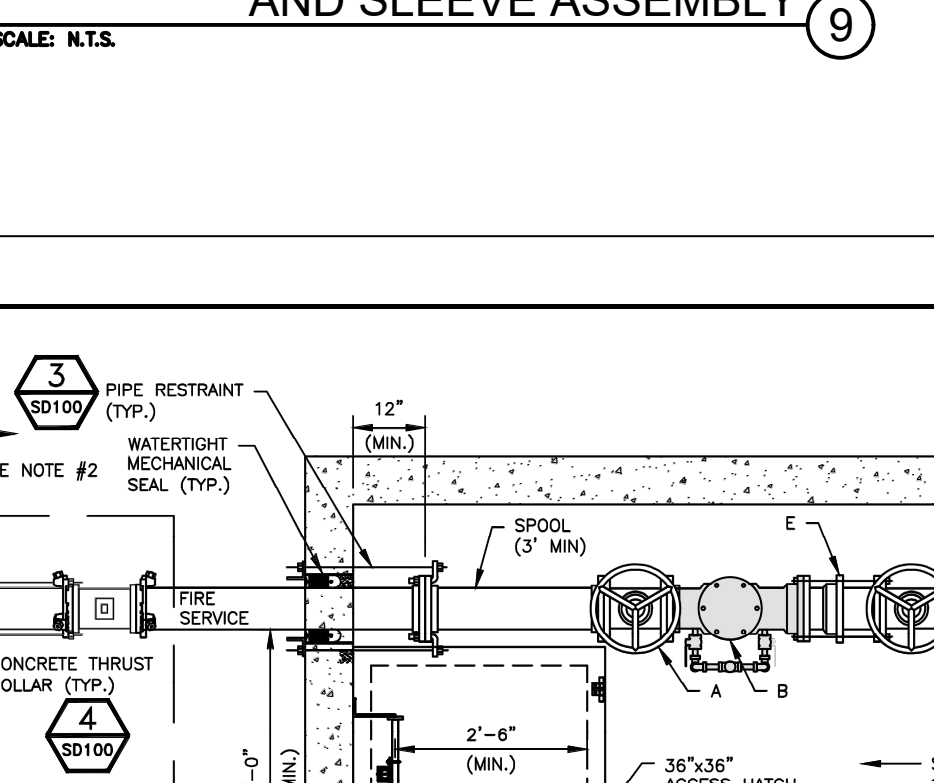
FIRE HYDRANT ASSEMBLY
SCALE: N.T.S.



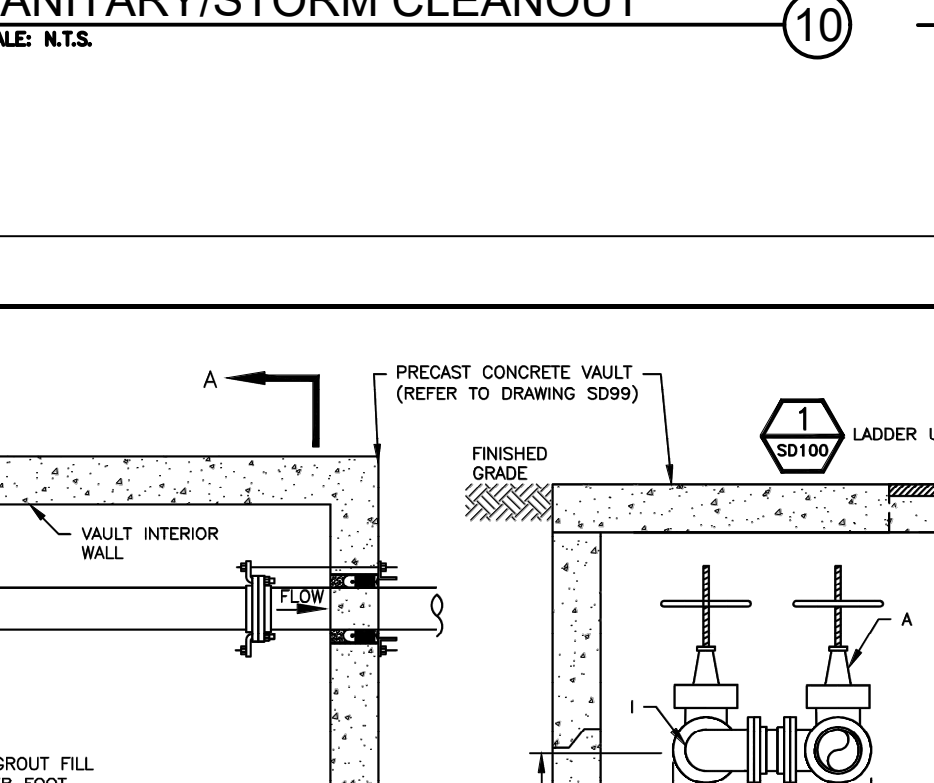
PIPE TRENCH DETAIL FOR SANITARY, WATER, AND STORM SEWER PIPE
SCALE: N.T.S.



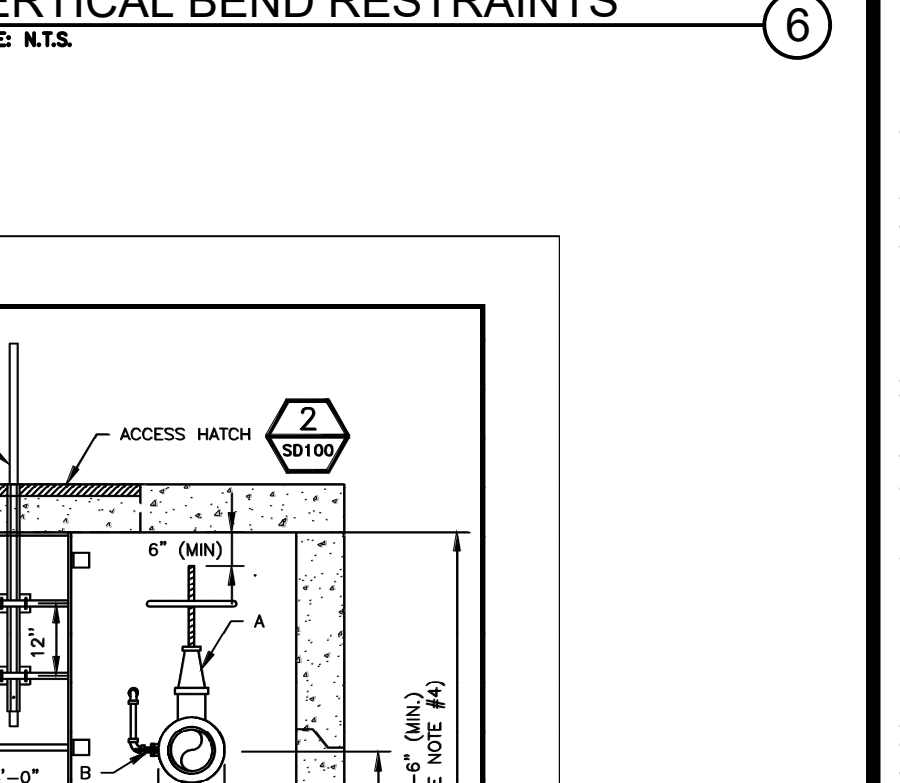
PIPE TRENCH DETAIL FOR SANITARY, WATER, AND STORM SEWER PIPE
SCALE: N.T.S.



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SCALE: N.T.S.



PIPE TRENCH DETAIL FOR SANITARY, WATER, AND STORM SEWER PIPE
SCALE: N.T.S.



PIPE TRENCH DETAIL FOR SANITARY, WATER, AND STORM SEWER PIPE
SCALE: N.T.S.

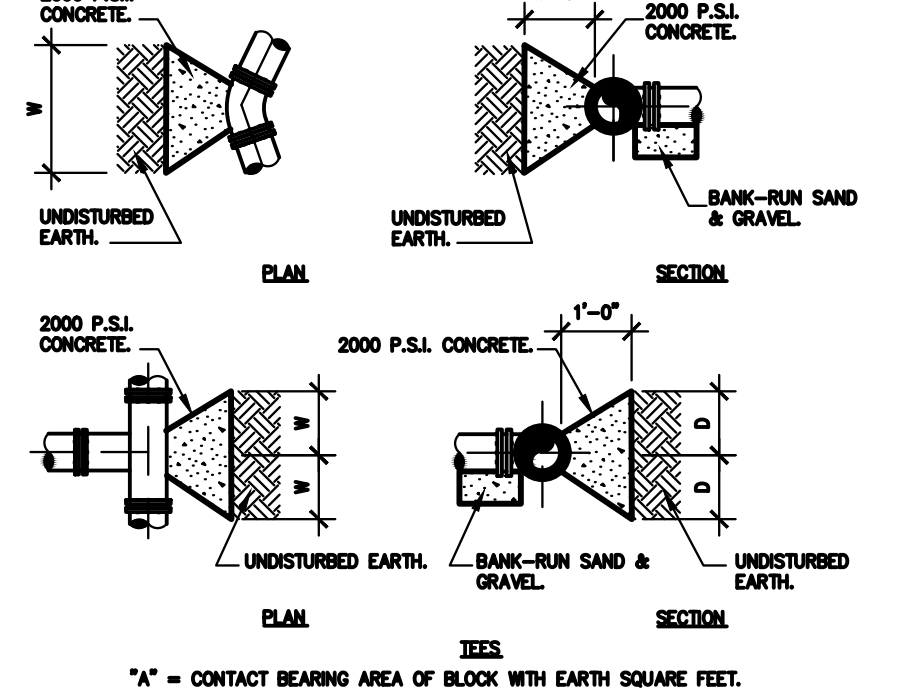


TABLE OF THRUST BLOCKS
SCALE: N.T.S.

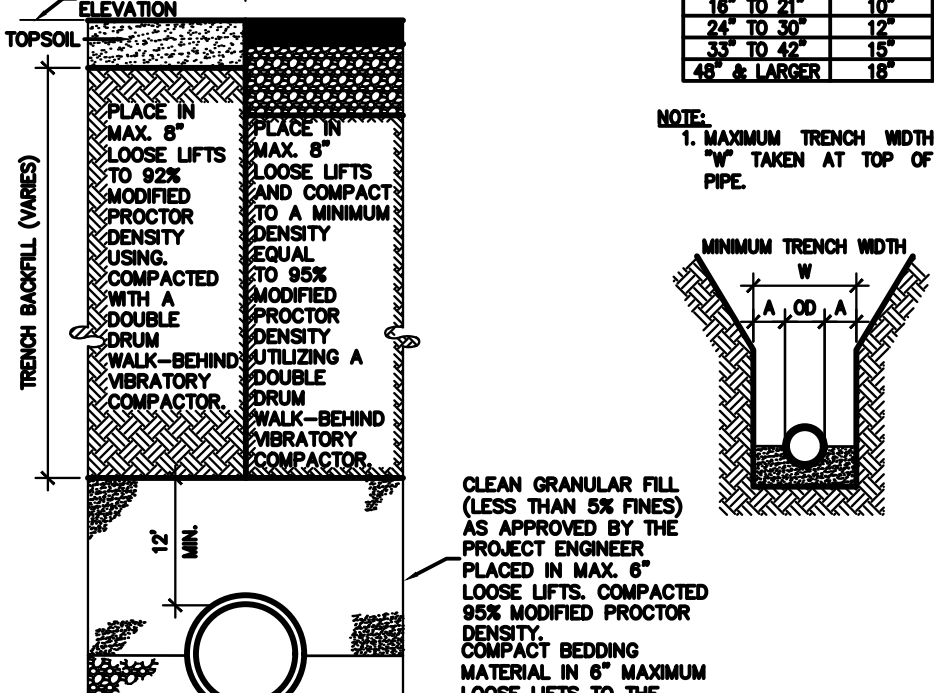


TABLE OF THRUST BLOCKS
SCALE: N.T.S.

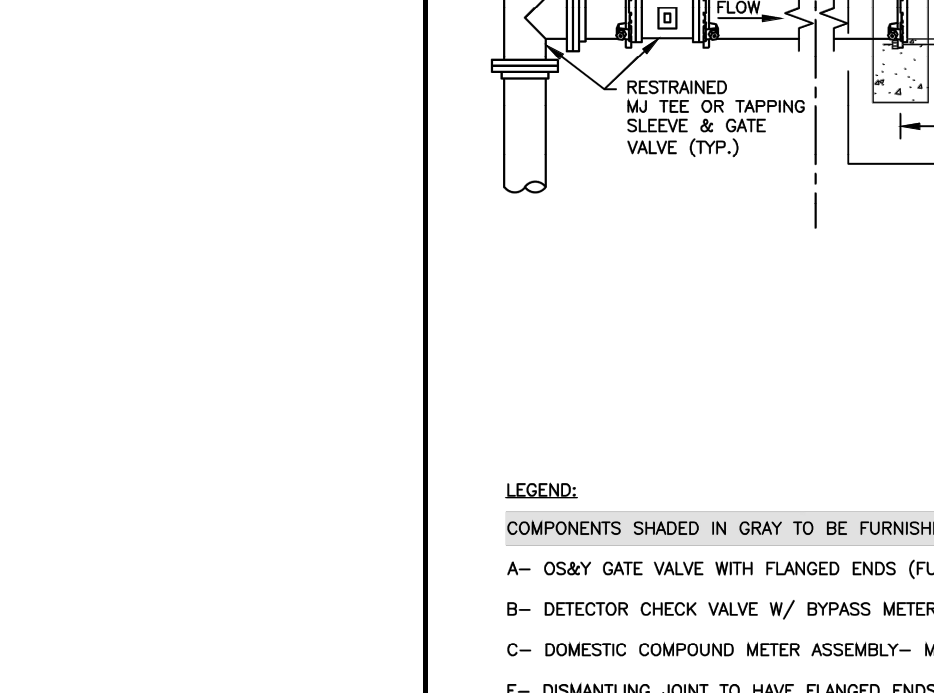


TABLE OF THRUST BLOCKS
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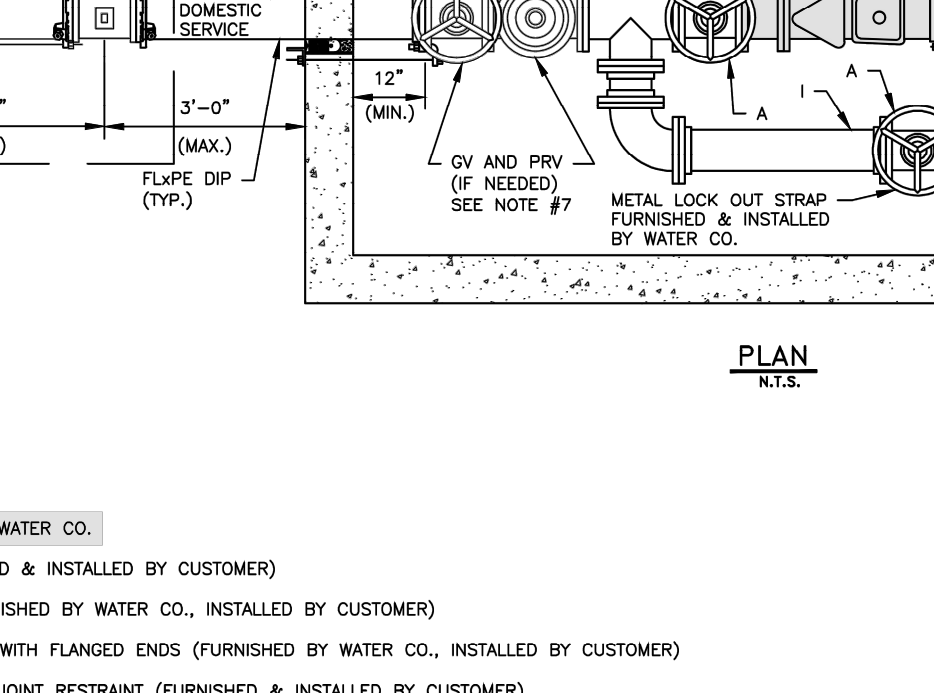


TABLE OF THRUST BLOCKS
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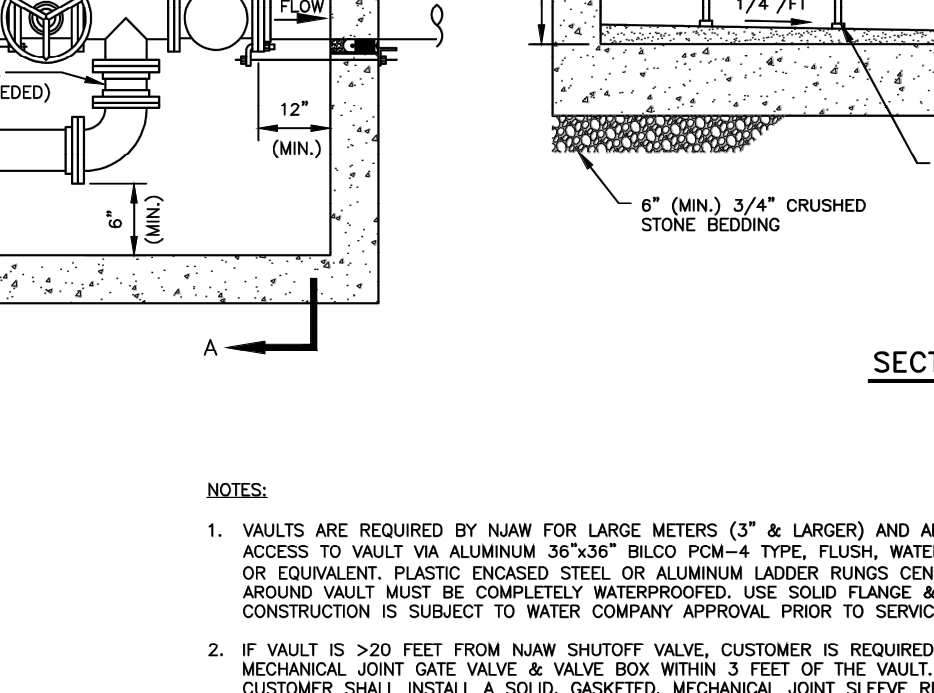


TABLE OF THRUST BLOCKS
SCALE: N.T.S.

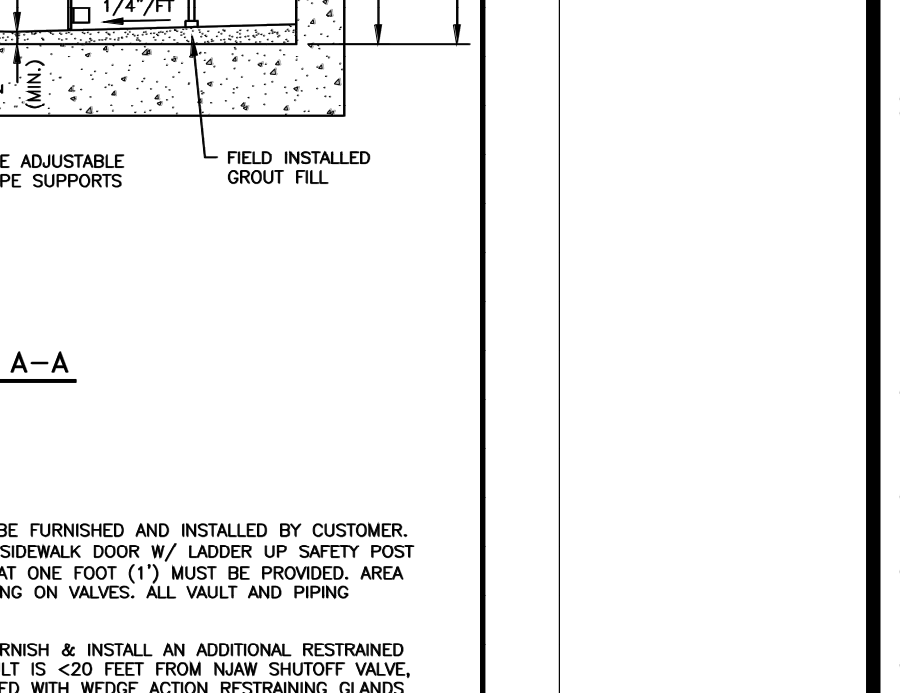


TABLE OF THRUST BLOCKS
SCALE: N.T.S.

NOTE: 1. ALL TRENCH EXCAVATIONS ARE TO BE DONE IN COMPLIANCE WITH OSHA REGULATIONS. 2. MINIMUM TRENCH WIDTHS TO BE IN ACCORDANCE WITH THE CHART ABOVE. 3. IF SOFT SOIL IS ENCOUNTERED AT BEDDING SUBGRADE, THE SOFT SOIL IS TO BE REMOVED TO A MAXIMUM DEPTH OF 2 FT AND REPLACED WITH 3/4" CLEAN CRUSHED STONE. 4. TRENCH BACKFILL SHALL BE PREDOMINANTLY GRANULAR FILL MATERIAL, AS APPROVED BY THE PROJECT ENGINEER, AND SHOWN ON THE TRENCH PLAN. IF IT IS PREDOMINANTLY SAND AND IS AT WATER CONTENT THAT THE MATERIAL CAN BE READILY COMPACTED TO THE DENSITY REQUIRED. 5. WITHIN PUBLIC RIGHT OF WAY BEHIND PAVEMENT, THE BACKFILL MATERIAL SHALL NO. 67 OR 3/4" STONE, UNLESS AUTHORITY HAVING JURISDICTION REQUIRES OTHERWISE. 6. HAZARDOUS UNDERGROUND MARKING TAPS TO BE PROVIDED FOR PLASTIC WATER AND SANITARY FORCE MAINS, BURY 18" FROM FINISHED GRADE. 7. IN AREAS WHERE THERE IS NOT SUFFICIENT WIDTH FOR A DOUBLE DRUM WALK BEHIND VIBRATORY COMPACTOR THE LIFT THICKNESS SHALL BE DECREASED AS NECESSARY TO ACHIEVE COMPACTION WITH APPROPRIATE EQUIPMENT. 8. MAXIMUM PARTICLE SIZE FOR TRENCH BACKFILL SHALL BE 4 INCHES UNLESS APPROVED OTHERWISE BY PROJECT ENGINEER. 9. BACKFILL CONTAIN NO DELETERIOUS OR CONTAMINATED MATERIAL.

DIAMETER OF PIPE (D)	5'-22 1/2" ELBOW	23'-45" ELBOW	48'-90" TEE CONNECTION	45" WYE	PLUG
4"	0.5	1.4	2.6	1.8	2.0
6"	1.5	3.0	6.0	4.0	4.5
8"	2.5	5.0	9.5	6.5	8.0
10"	4.1	8.0	13.0	9.5	12.5
12"	6.5	11.5	18.0	13.5	18.0
14"	9.0	16.0	23.0	18.0	23.0
16"	14.0	28.0	31.0	26.0	30.5

NOTE: 1. MAXIMUM TRENCH WIDTH TO BE TAKEN AT TOP OF PIPE. 2. MINIMUM TRENCH WIDTH TO BE TAKEN AT TOP OF PIPE.

PIPE DIAMETER	MAXIMUM TRENCH WIDTH
4"	16"
6"	24"
8"	32"
10"	40"
12"	48"
14"	56"
16"	64"

NOTE: 1. MAXIMUM TRENCH WIDTH TO BE TAKEN AT TOP OF PIPE. 2. MINIMUM TRENCH WIDTH TO BE TAKEN AT TOP OF PIPE.

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NEW JERSEY AMERICAN WATER logo and project information including date 08-24-18 and project name DOMESTIC & FIRE SERVICE METER VAULT.

REVISIONS table with columns for revision number and description.

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WARE MALCOMB logo and contact information including address 110 Edison place, Newark, NJ 07102, and phone number 732.986.9000.

W:\NYC19\0005\00\Civil\CAD\Sheets\CDDetails\NYC19-0005_C11_0_Construction\Details.dwg SRIDENER

NOT FOR CONSTRUCTION

NO.	DATE	REMARKS
1	12/07/2020	EDGEWATER PARK REVIEW

JOB NO.:	NYC19-0005
PA / PM:	EW
DRAWN BY:	IH
DATE:	07/21/2020

Sanitary Sewer Manhole Invert

PLAN
OVERALL FRAME OPENING WIDTH = 6"
FRAME OPENING WIDTH
FRAME OPENING LENGTH + 6"
GUIDE ARM
1 1/8"
DRAIN TO EXTERIOR DAYLIGHT OR DRY WELL

ELEVATION
N.T.S.

SECTION
N.T.S.

VAULT PIPE RESTRAINT DETAIL 3
N.T.S.

TIIE ROD SIZING

NOMINAL PIPE SIZE	# OF RODS	ROD SIZE	LUG THICKNESS
3	2	3/4	3/4
4	2	3/4	3/4
6	4	3/4	3/4
8	4	1	1
10	6	1	1
12	6	1 1/8	1 1/8

NOTE: MAX. PRESSURE 300 PSI

THRUST COLLAR DETAIL 4
N.T.S.

TIE ROD RESTRAINT DETAIL 5
N.T.S.

REVISIONS

NO.	DATE	DESCRIPTION

AMERICAN WATER ENGINEERING
3008 CHURCH RD.
MT. LAUREL, NJ 08054

AMERICAN WATER

DESIGN BY: E. SCHWARTZ
PROJECT ENGINEER: E. SCHWARTZ
DATE: 08-24-18
PROJECT

NEW JERSEY AMERICAN WATER
USE APPROVED DRAWINGS ONLY FOR CONSTRUCTION PURPOSES

STANDARD DETAIL
METER VAULT APPURTENANCES

USE DIMENSIONS ONLY SCALE NOT TO SCALE
0201-0601-SD100

02010601SD100

FITTINGS & EQUIPMENT LAYING LENGTHS

Nominal Service Size	Laying Length (inches)				
	3"	4"	6"	8"	10"
A- Gate Valve (OS&Y)	8	9	10.5	11.5	13
B- Detector Check Valve (DCV)	15	15	21	25	28.75
C- Domestic Compound Meter Assembly (includes spool, strainer, meter & test port)	23.375	27.875	33.375	30.125	41.125
D- Multi-Use Meter Assembly (includes strainer, meter & test port)	---	33	45	53	68
E- Dismantling Joint	9	9	9	9	10
F- Swing Check Valve	9.5	11.5	14	19.5	24.5
G- RPZ Backflow Preventer Assembly (includes gate valves)	42.25	55.125	65.5	78.5	93.625
G- Double Check Backflow Preventer Assembly (includes gate valves)	40.375	52.375	62.875	75	90
H- Pressure Reducing Valve (PRV) (excludes shutoffs)	12	15	20	25.375	29.75
Y-Strainer DI Class 125	10.125	12.125	18.5	21.625	26
Tee (Run)	11	13	16	18	22
Tee (Branch)	5.5	6.5	8	9	11
90° Bend	5.5	6.5	8	9	11
Spool (FLGXFLG) (minimum length available)	---	4.25	4.5	5	5.5

NOTES:
1. LAYING LENGTHS SHOWN ABOVE ARE APPROXIMATE AND BASED ON SPECIFIC MANUFACTURER AND MODEL COMPONENTS. DESIGN ENGINEER TO VERIFY ALL DIMENSIONS, BASED ON ACTUAL EQUIPMENT AND FITTINGS PROPOSED.
2. LAYING LENGTHS NOTED ABOVE DO NOT INCLUDE GASKET THICKNESS.
3. THE USE OF FLANGED COUPLING ADAPTERS IS STRICTLY PROHIBITED.

REVISIONS

NO.	DATE	DESCRIPTION

AMERICAN WATER ENGINEERING
3008 CHURCH RD.
MT. LAUREL, NJ 08054

AMERICAN WATER

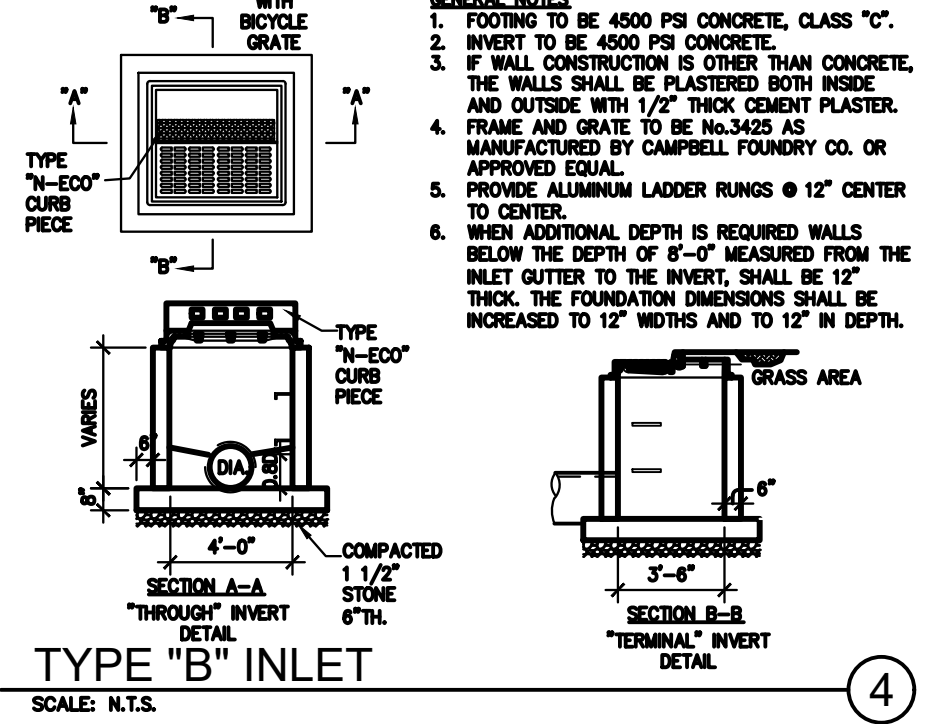
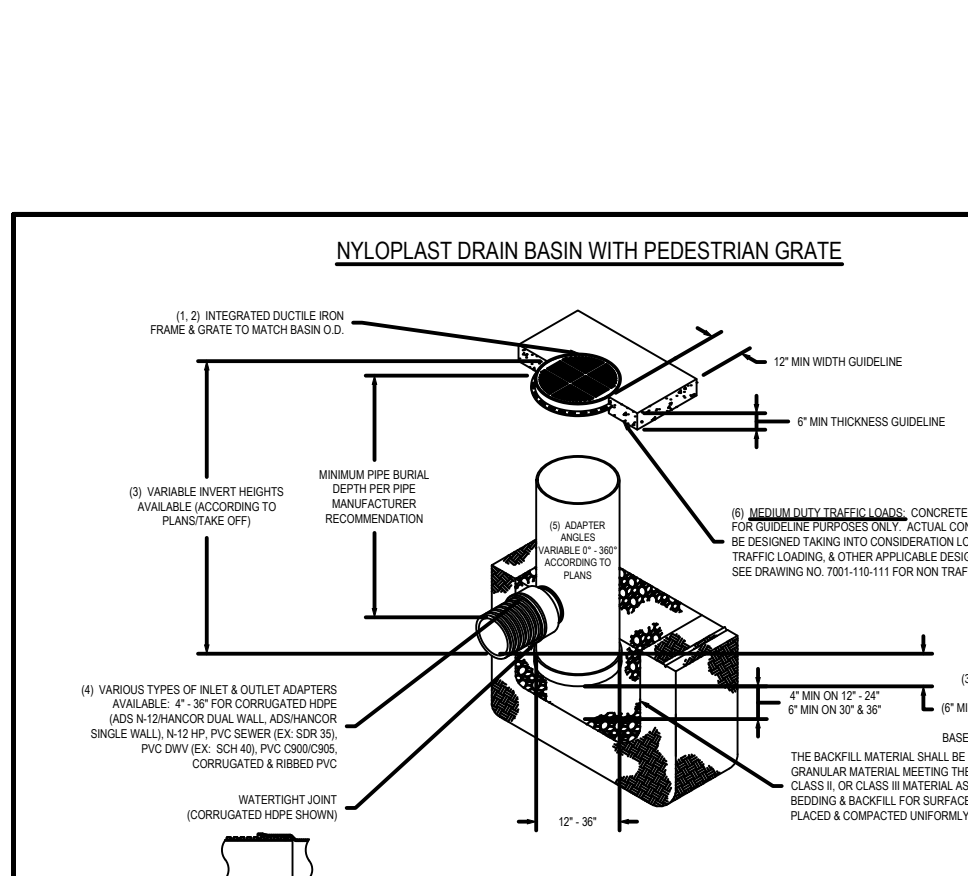
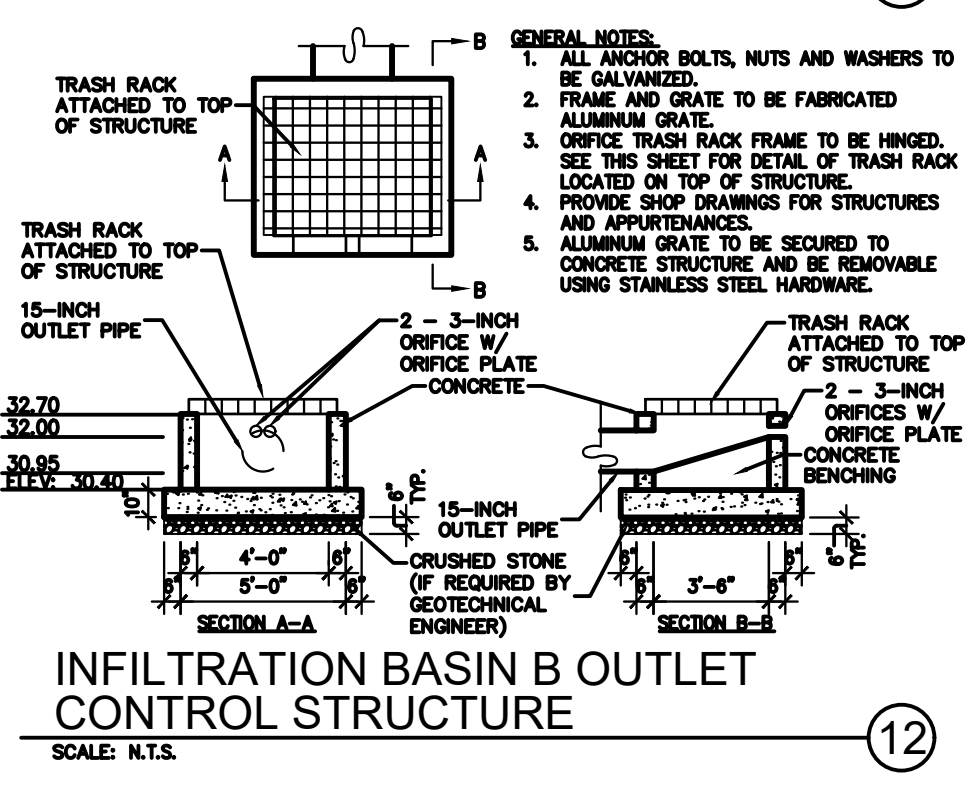
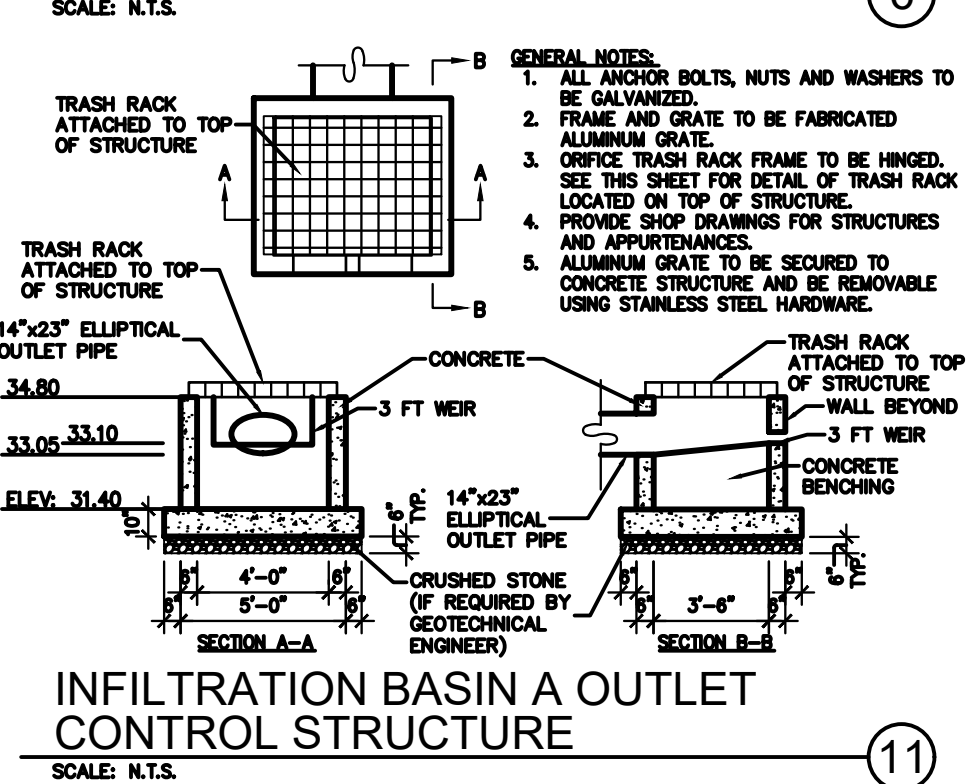
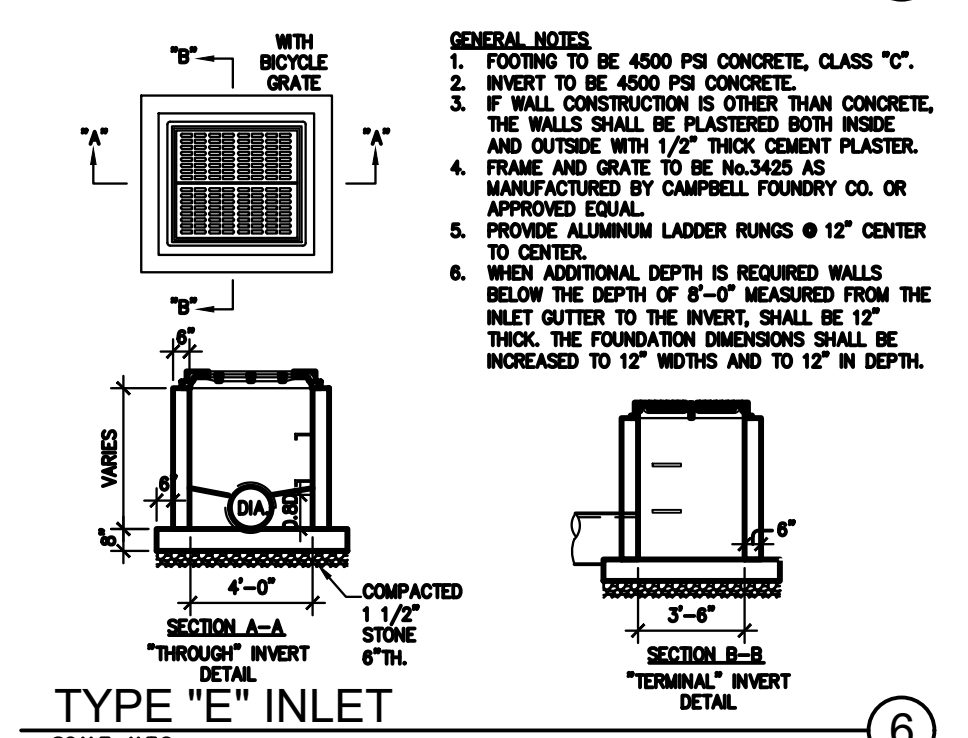
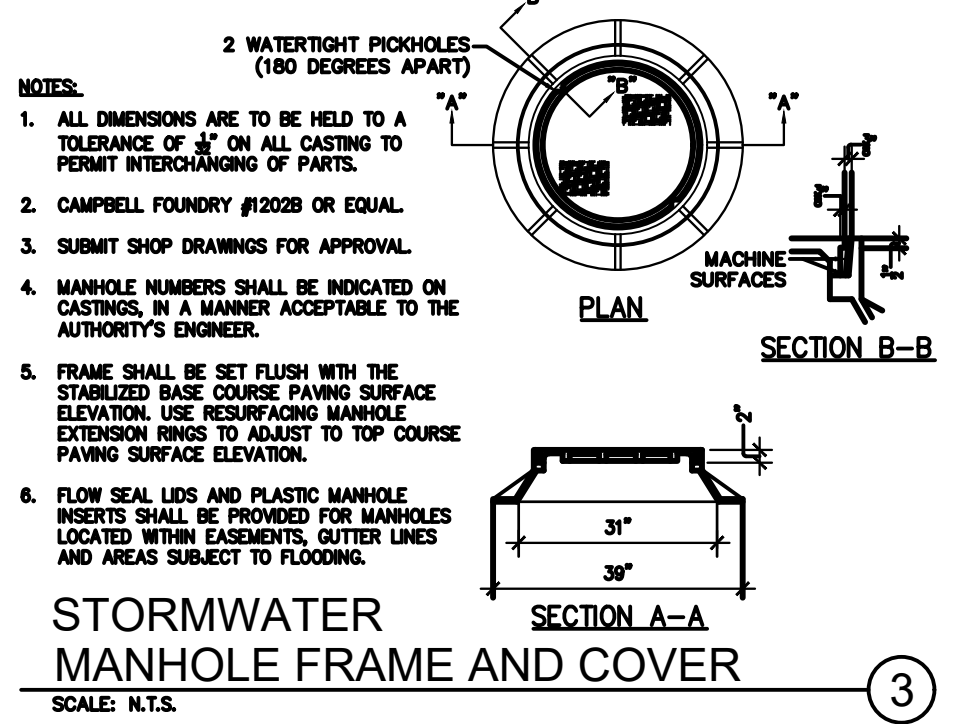
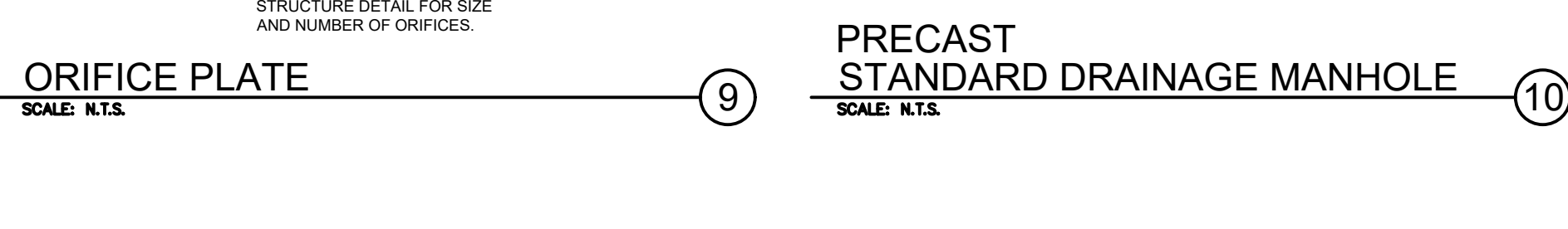
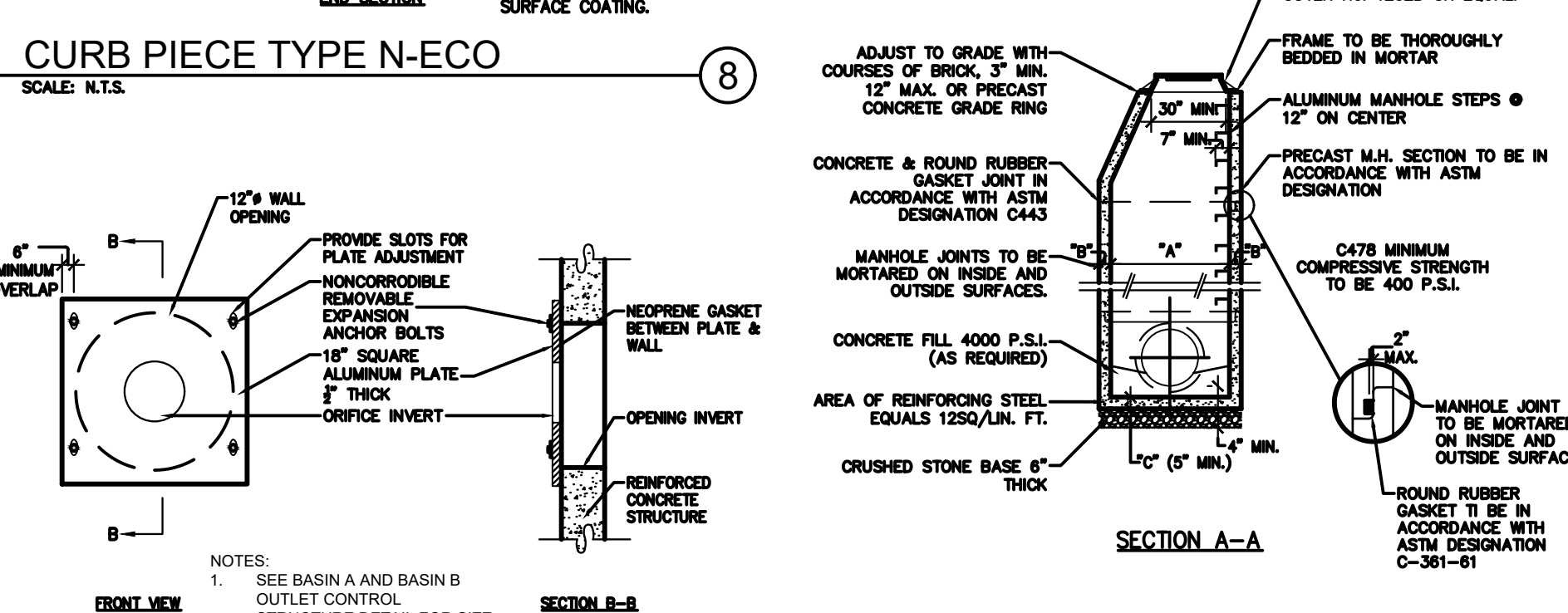
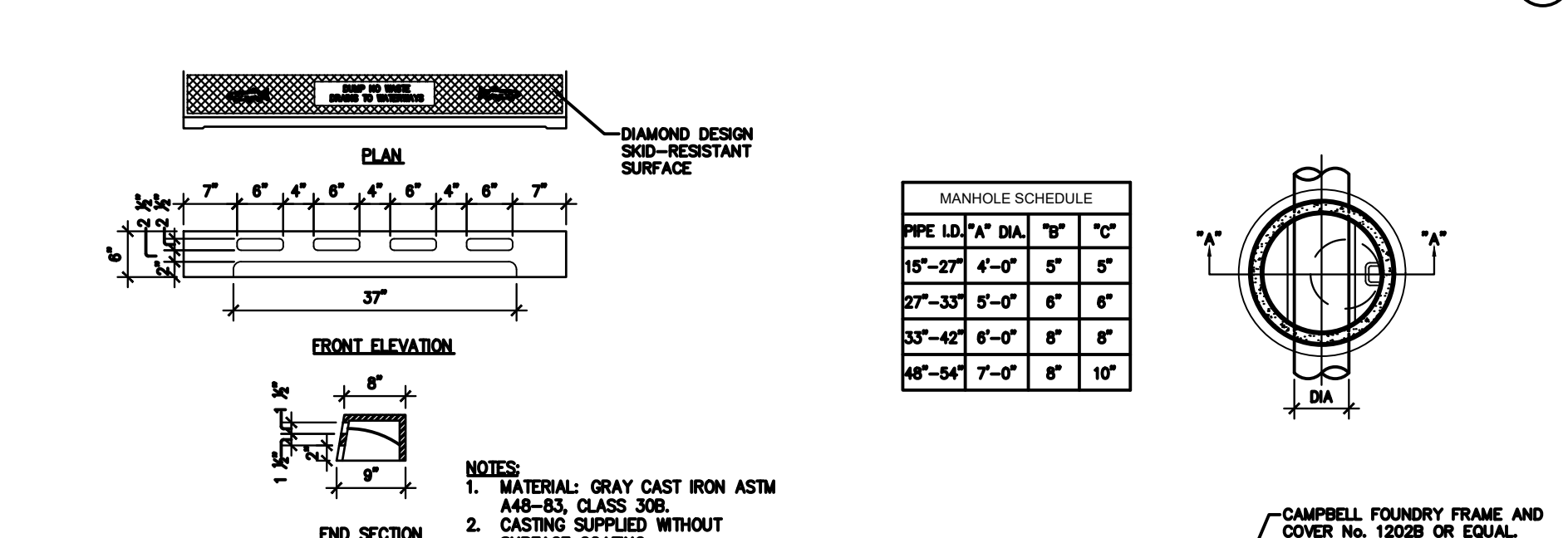
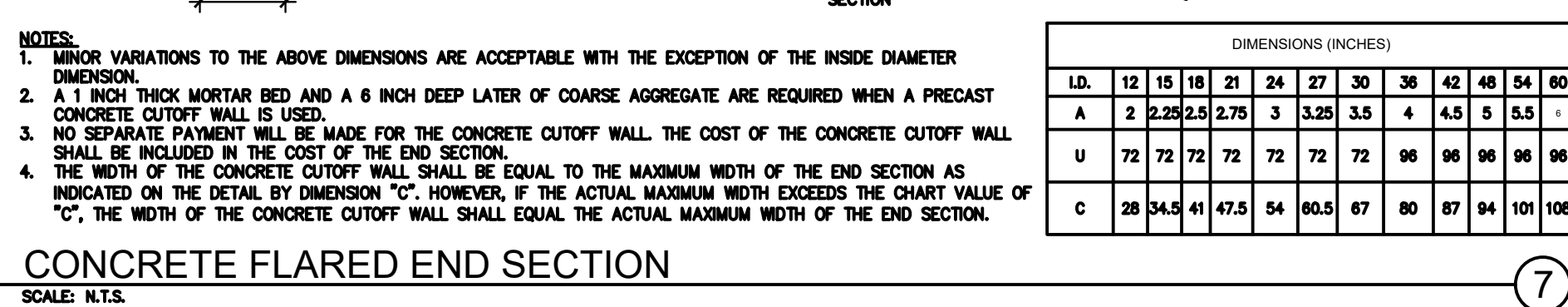
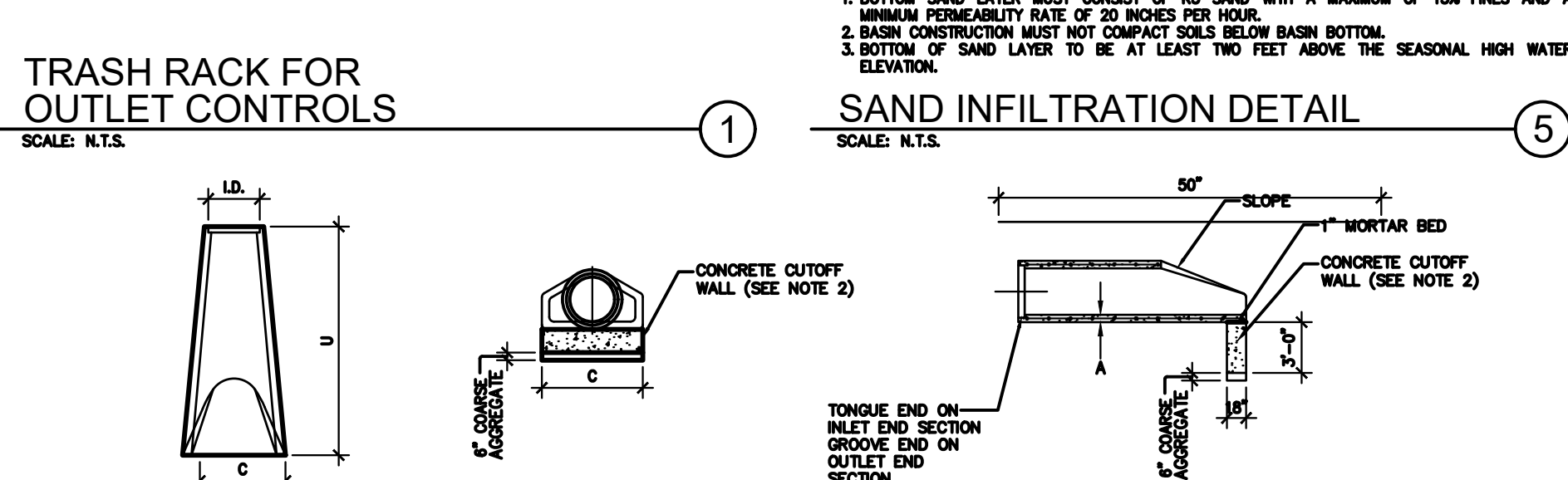
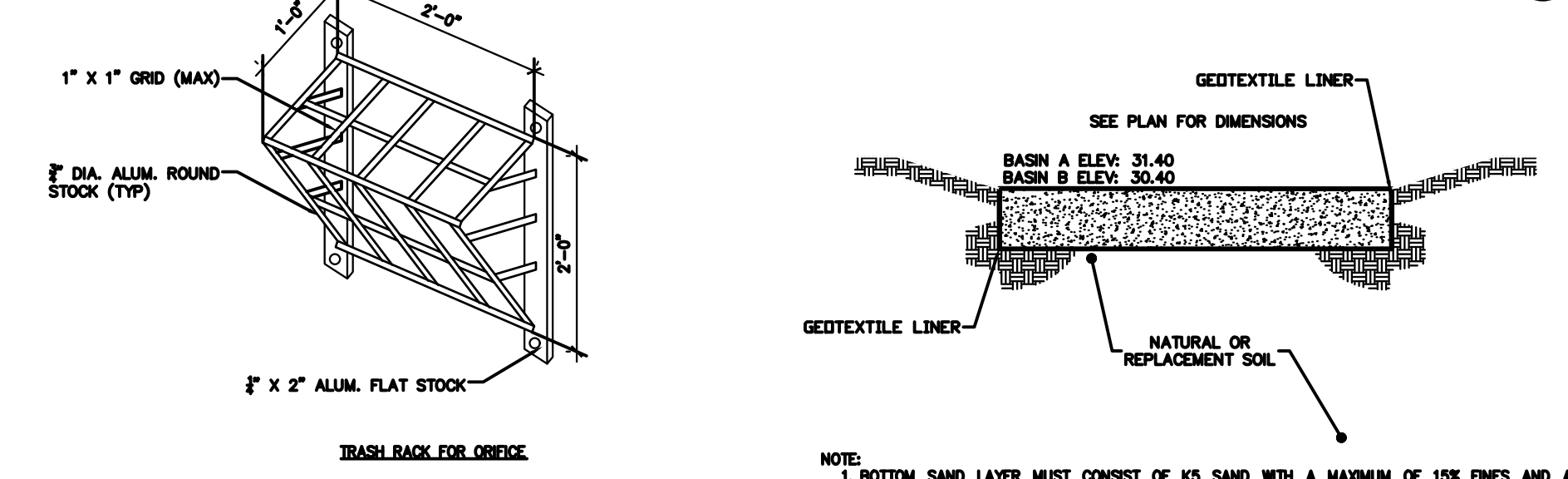
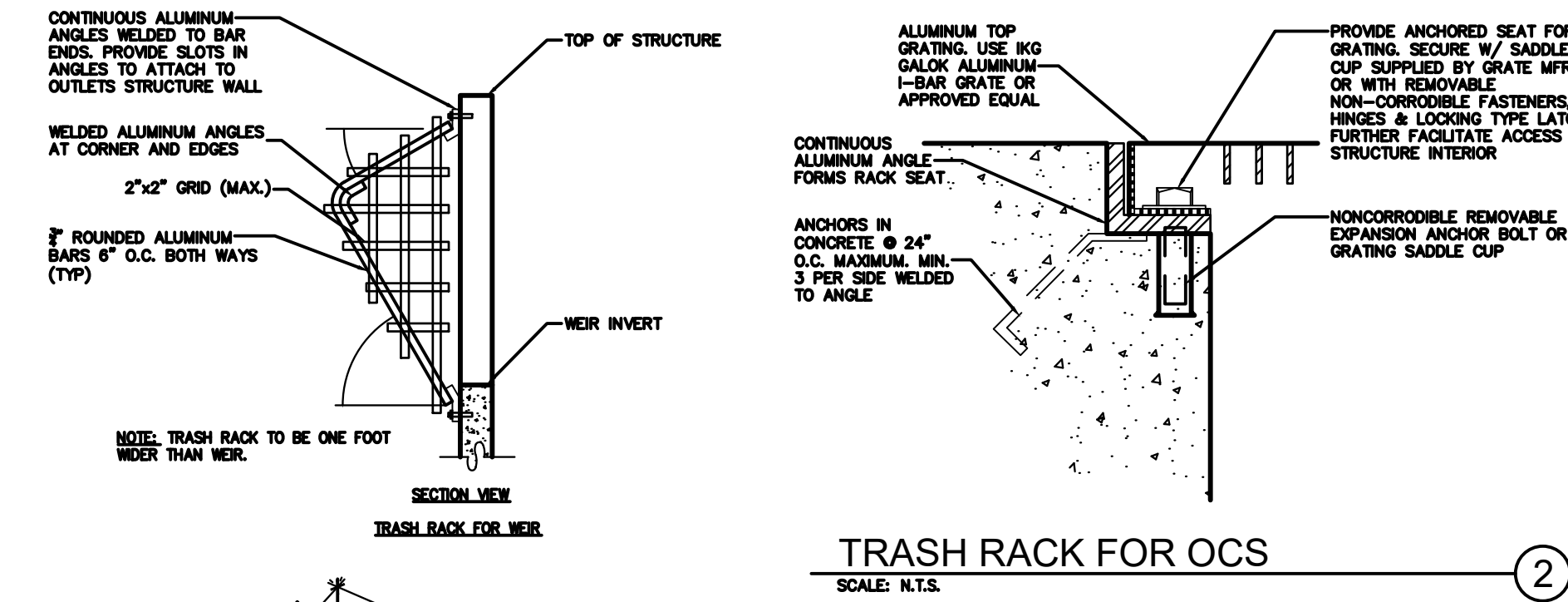
DESIGN BY: JOE SCHWARTZ
PROJECT ENGINEER: E. SCHWARTZ
DATE: 08-24-18
PROJECT

NEW JERSEY AMERICAN WATER
USE APPROVED DRAWINGS ONLY FOR CONSTRUCTION PURPOSES

STANDARD DETAIL
DOMESTIC & FIRE SERVICE
TYPICAL LAYING LENGTHS OF EQUIPMENT & FITTINGS

USE DIMENSIONS ONLY SCALE AS SHOWN
0201-0601-SD102

02010601SD102

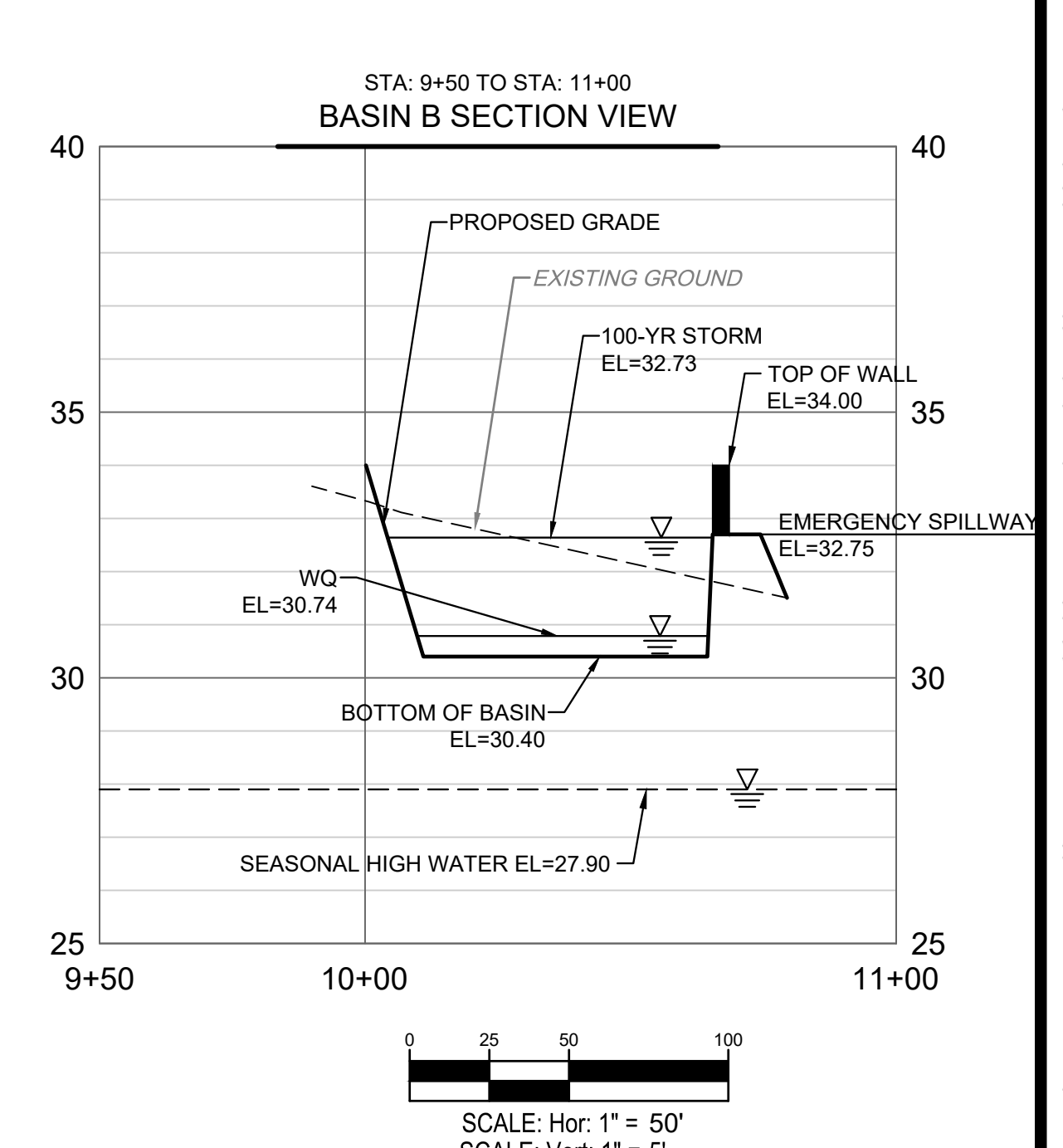
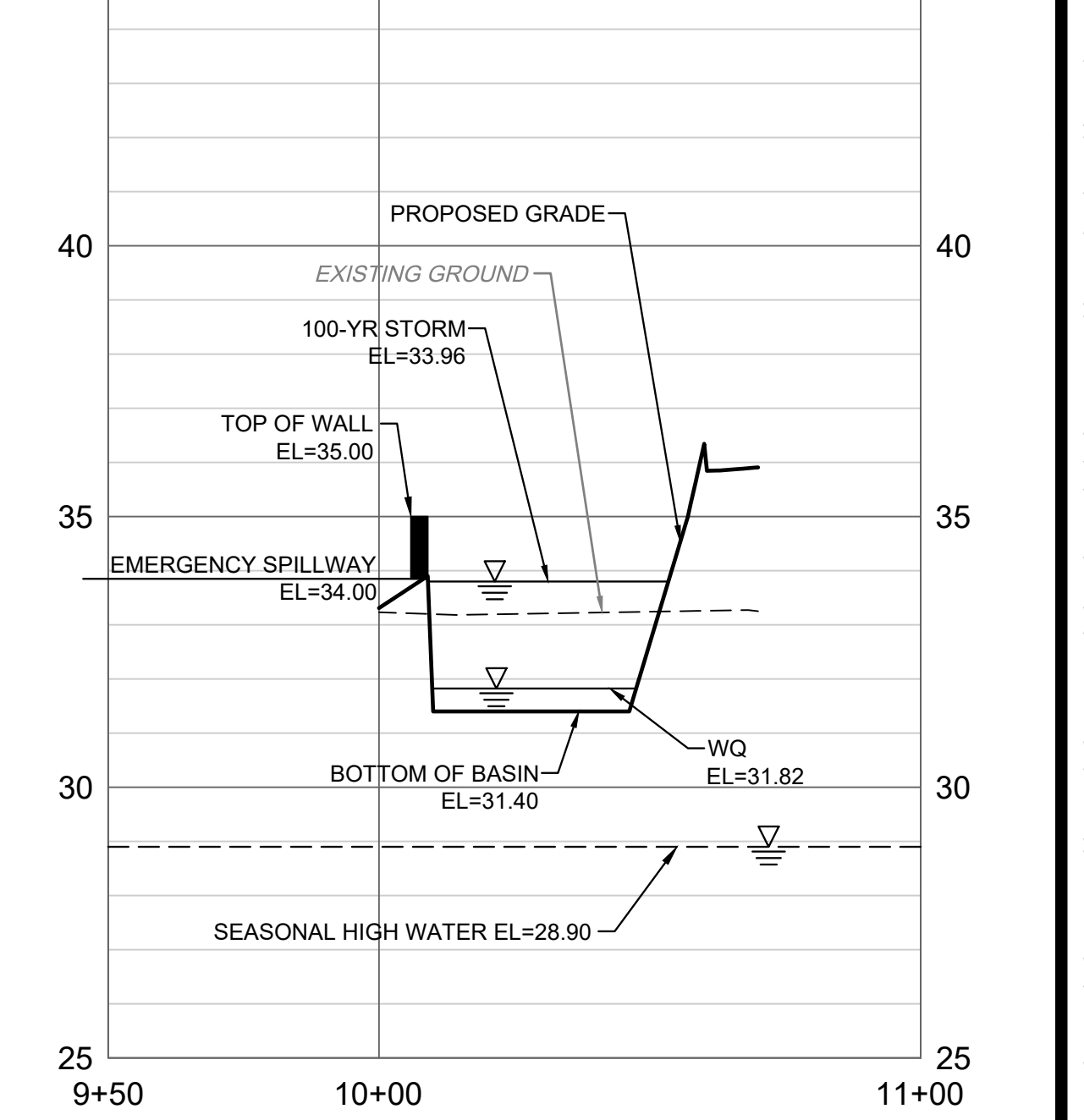


BASIN STATISTICS

BASIN	A	B
BOTTOM ELEVATION (FEET)	31.40	30.40
SURFACE AREA (SF)	27,454	10,244
SPILLWAY ELEVATION (FEET)	33.40	32.75
VOLUME (CF)	109,127	85,587
SOIL PERMEABILITY RATE (IN/HR)	4.61	7.52
DRAIN DOWN TIME (HR)	21	27

CONSTRUCTION REQUIREMENTS

- DURING CLEARING AND GRADING OF THE SITE, MEASURES MUST BE TAKEN TO ELIMINATE SOIL COMPACTION AT THE LOCATION OF A PROPOSED INFILTRATION BASIN.
- THE LOCATION OF THE PROPOSED INFILTRATION BASIN MUST BE CORDED OFF DURING CONSTRUCTION TO PREVENT COMPACTION OF THE SUBSOIL BY CONSTRUCTION EQUIPMENT OR STOCKPILES.
- THE USE OF THE LOCATION PROPOSED FOR AN INFILTRATION BASIN TO PROVIDE SEDIMENT CONTROL DURING CONSTRUCTION IS DISCOURAGED; HOWEVER, WHEN UNAVOIDABLE, EXCAVATION FOR THE SEDIMENT CONTROL BASIN MUST BE AT LEAST 2 FEET ABOVE THE FINAL DESIGN ELEVATION OF THE BASIN BOTTOM.
- EXCAVATION AND CONSTRUCTION OF AN INFILTRATION BASIN MUST BE PERFORMED USING EQUIPMENT PLACED OUTSIDE THE LIMITS OF THE BASIN.
- THE EXCAVATION TO THE FINAL DESIGN ELEVATION OF THE INFILTRATION BASIN BOTTOM MAY ONLY OCCUR AFTER ALL CONSTRUCTION WITHIN ITS DRAINAGE AREA IS COMPLETED AND THE DRAINAGE AREA IS STABILIZED. IF CONSTRUCTION OF THE INFILTRATION BASIN CANNOT BE DELAYED, BERMS MUST BE PLACED AROUND THE PERIMETER OF THE BASIN DURING ALL PHASES OF CONSTRUCTION TO DIVERT ALL FLOWS AWAY FROM THE BASIN. THE BERMS MAY NOT BE REMOVED UNTIL ALL CONSTRUCTION WITHIN THE DRAINAGE AREA IS COMPLETED, AND THE AREA IS STABILIZED.
- THE CONTRIBUTING DRAINAGE AREA MUST BE COMPLETELY STABILIZED PRIOR TO INFILTRATION BASIN USE.
- POST-CONSTRUCTION TESTING MUST BE PERFORMED ON THE AS-BUILT INFILTRATION BASIN IN ACCORDANCE WITH THE CONSTRUCTION AND POST-CONSTRUCTION OVERSIGHT AND SOIL PERMEABILITY TESTING SECTION IN APPENDIX E: SOIL TESTING CRITERIA OF THIS MANUAL. WHERE AS-BUILT TESTING SHOWS A LONGER DRAIN TIME THAN DESIGNED, CORRECTIVE ACTION MUST BE TAKEN. THE DRAIN TIME IS DEFINED AS THE TIME IT TAKES TO FULLY INFILTRATE THE MAXIMUM DESIGN STORM RUNOFF VOLUME THROUGH THE MOST HYDRAULICALLY RESTRICTIVE LAYER.
- WHERE "ENGINEER" IS STATED, IT IS MEANT TO BE THE DESIGN ENGINEER, LICENSED ENGINEER WORKING ON BEHALF OF THE OWNER/CONTRACTOR, OR THEIR DESIGNATED REPRESENTATIVE(S) AS APPROPRIATE.
- THE EXTENTS AND DEPTH OF THE SOIL REPLACEMENT AREAS, IF REQUIRED, ARE SUBJECT TO THE DIRECTION AND APPROVAL OF THE ENGINEER BASED UPON SITE CONDITIONS ENCOUNTERED DURING EXCAVATION.
- IT IS EXPECTED THAT, TO THE MAXIMUM EXTENT PRACTICABLE, THE ENGINEER WILL BE ON-SITE AND PROVIDING GUIDANCE TO THE CONTRACTOR FOR THE ENTIRE DURATION OF THE BASIN CONSTRUCTION. (IN OTHER WORDS, THE ENGINEER WILL BE ON-SITE OR AVAILABLE FOR THE CONSTRUCTION OF THE BASINS FROM EXCAVATION, DELINEATING EXTENTS AND DEPTHS OF SOIL REPLACEMENT AREAS, IF REQUIRED, PLACEMENT OF GEOTEXTILES ON SIDES OF BOTTOM OF BED AFTER EXCAVATION THROUGH TO SEEDING AND SOIL STABILIZATION.)
- THE ENGINEER MUST BE ON-SITE TO INSPECT AND CERTIFY, AT A MINIMUM, THE FOLLOWING: EXTENTS AND DEPTH OF SOIL REPLACEMENT AREAS, INSPECTION AND APPROVAL OF K-4 SOIL REPLACEMENT MATERIAL (IF REQUIRED), BASIN BOTTOM ELEVATION, K-5 SAND MATERIAL, AND IN-PLACE DEPTHS OF BOTH SOIL REPLACEMENT MATERIAL AND K-5 SAND.
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO COORDINATE THE ANTICIPATED SCHEDULE WITH THE ENGINEER AT LEAST TWO (2) WEEKS IN ADVANCE OF ANY ACTIVITIES THEY MUST CERTIFY PRIOR TO CONTINUING CONSTRUCTION ACTIVITIES SO THAT PARAMETERS AND EXPECTATIONS CAN BE DISCUSSED.
- THE ENGINEER MUST PROVIDE A CERTIFICATION STATING THAT, WHILE THEY WERE ON-SITE ON (DATES) AND (TIMES), ALL CONSTRUCTION WAS PERFORMED IN ACCORDANCE WITH THE DESIGN PLANS.
- AN AS-BUILT SURVEY, POST-CONSTRUCTION PERMEABILITY TESTING, AND AS-BUILT ROUTINGS MUST BE PERFORMED ON EACH AS-BUILT INFILTRATION BASIN. THE PERMEABILITY TESTING MUST BE COMPLETED IN ACCORDANCE WITH NJ STORMWATER BMP MANUAL APPENDIX E, SECTION 4. IF THE AS-BUILT ROUTINGS EXCEED THE ALLOWABLE AND/OR PERMEABILITY TESTING SHOWS A LONGER DRAIN TIME THAN 72 HOURS, CORRECTIVE ACTION MUST BE TAKEN. THE TOWNSHIP ENGINEER MUST BE NOTIFIED AT LEAST ONE WEEK IN ADVANCE OF THE TESTING AND COPIED ON THE RESULTS, INCLUDING PROPOSED SUBSEQUENT CORRECTIVE ACTION(S), IF NEEDED. THE TOWNSHIP ENGINEER MAY REQUEST THAT SAMPLES BE COLLECTED AT THE SAME TIME TESTING IS CARRIED OUT.



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EDGEWATER PARK - SELF STORAGE DEVELOPMENT

PRELIMINARY SITE PLAN APPLICATION
CONSTRUCTION DETAILS

4201 ROUTE 130, BURLINGTON COUNTY, EDGWATER PARK, NEW JERSEY

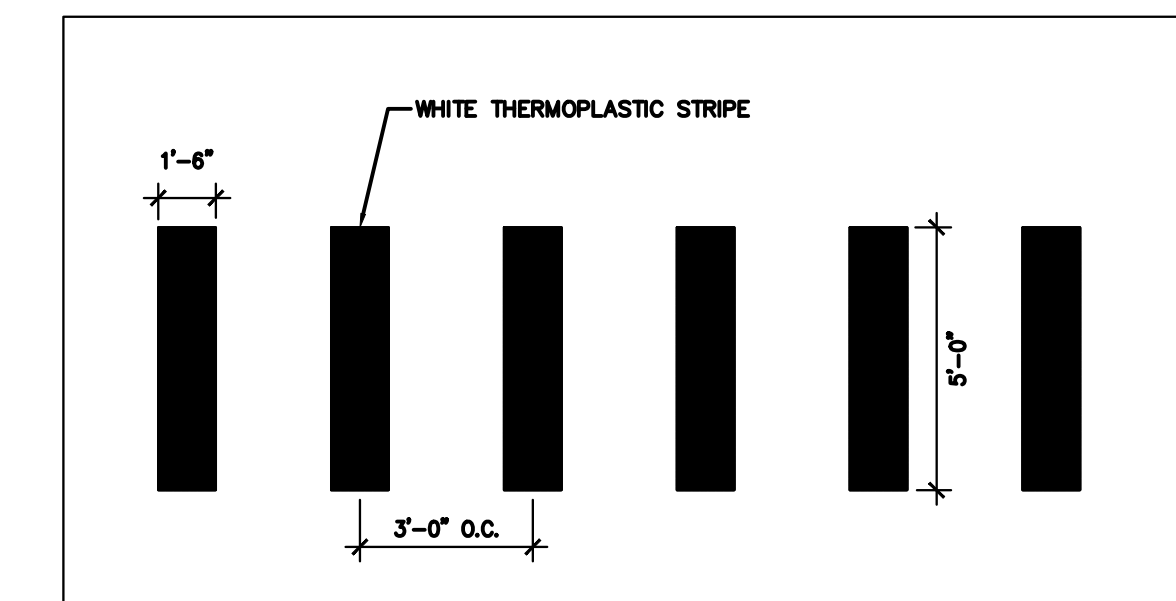
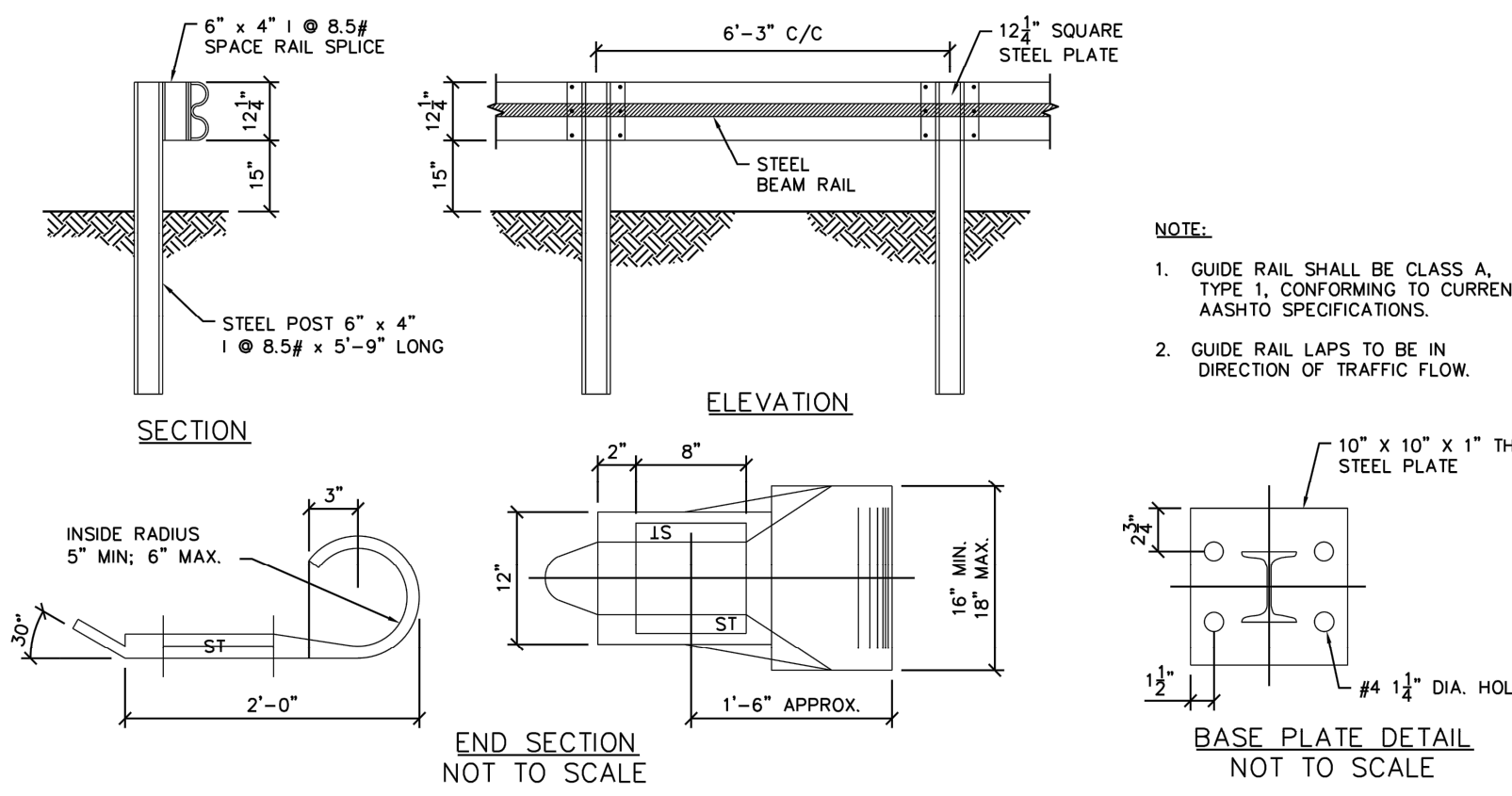
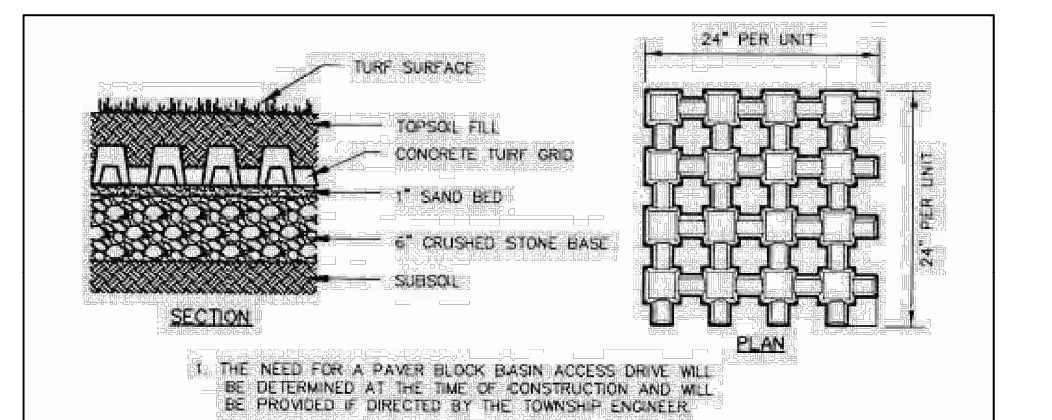
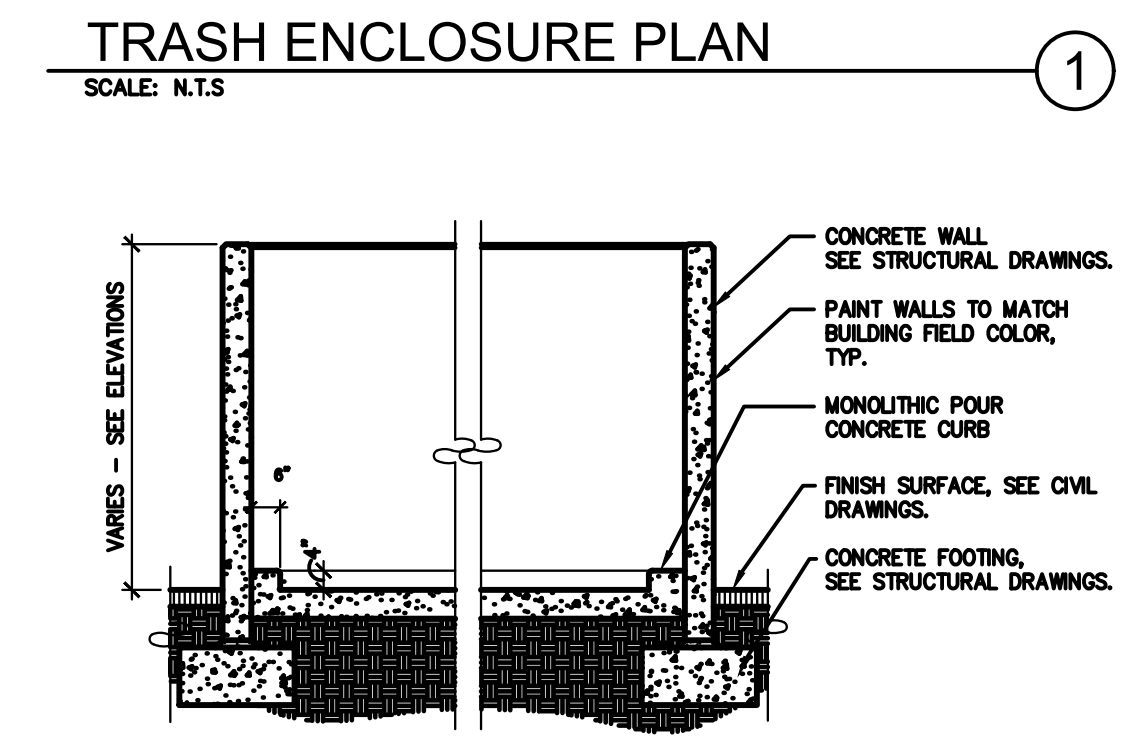
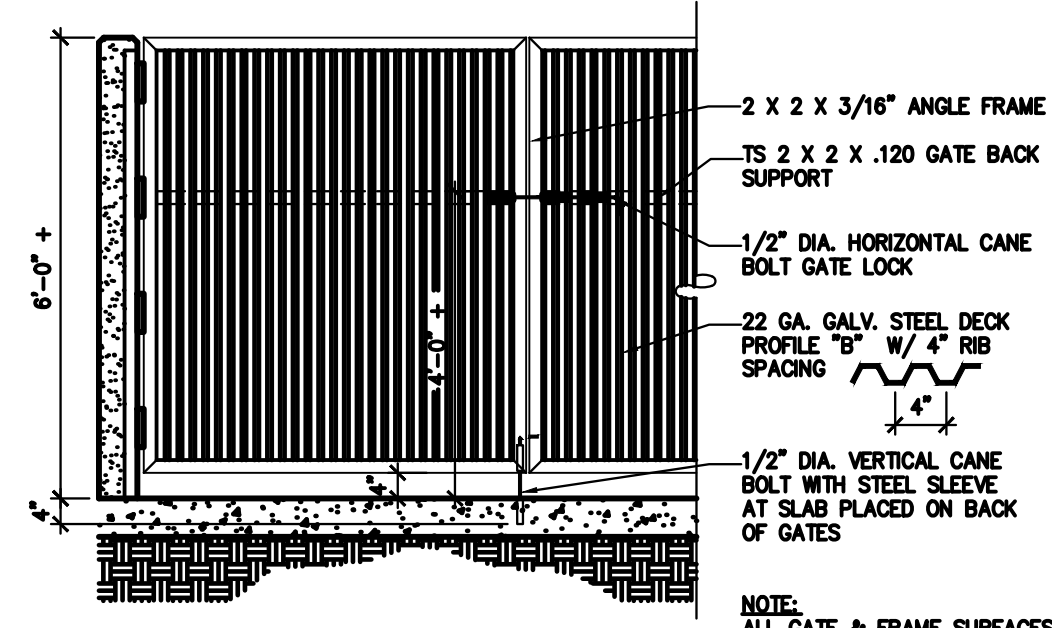
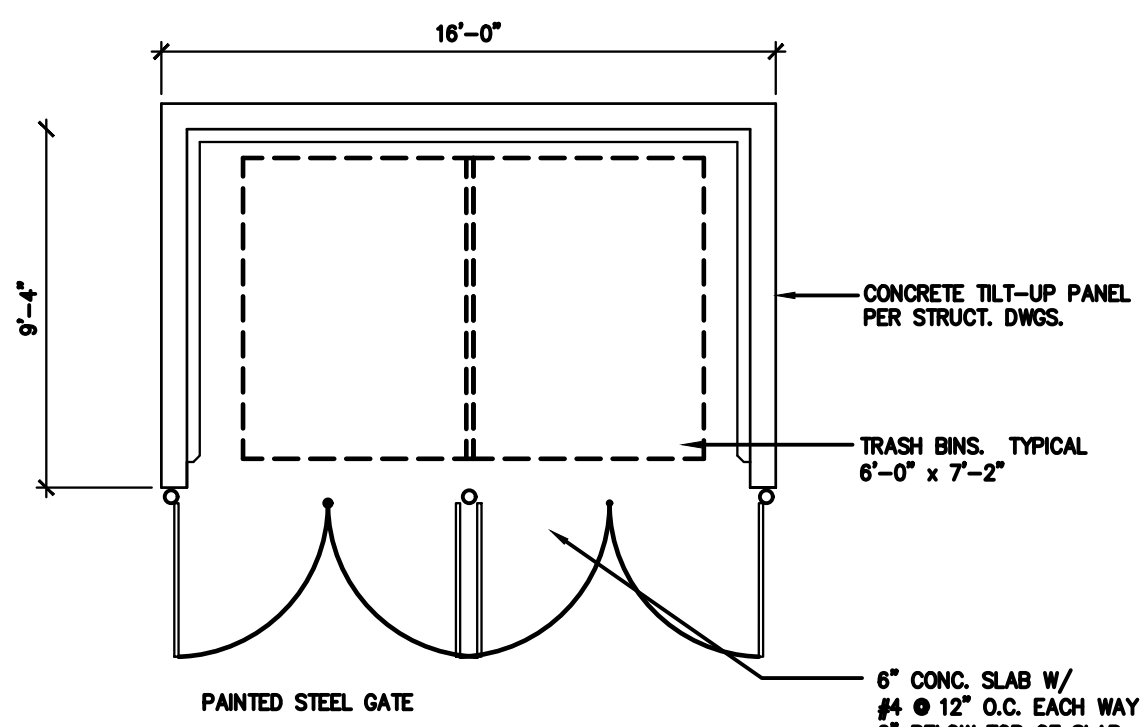
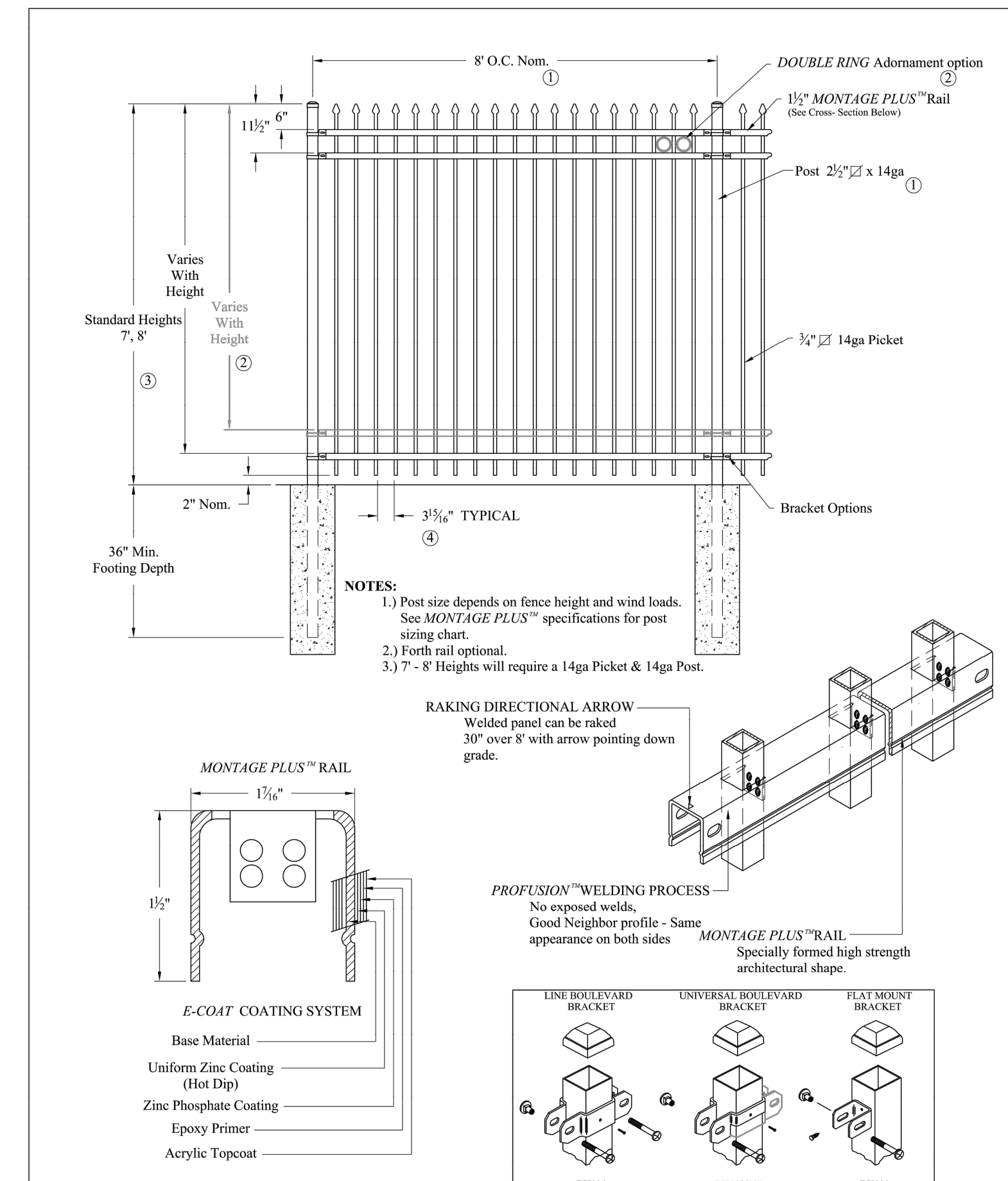
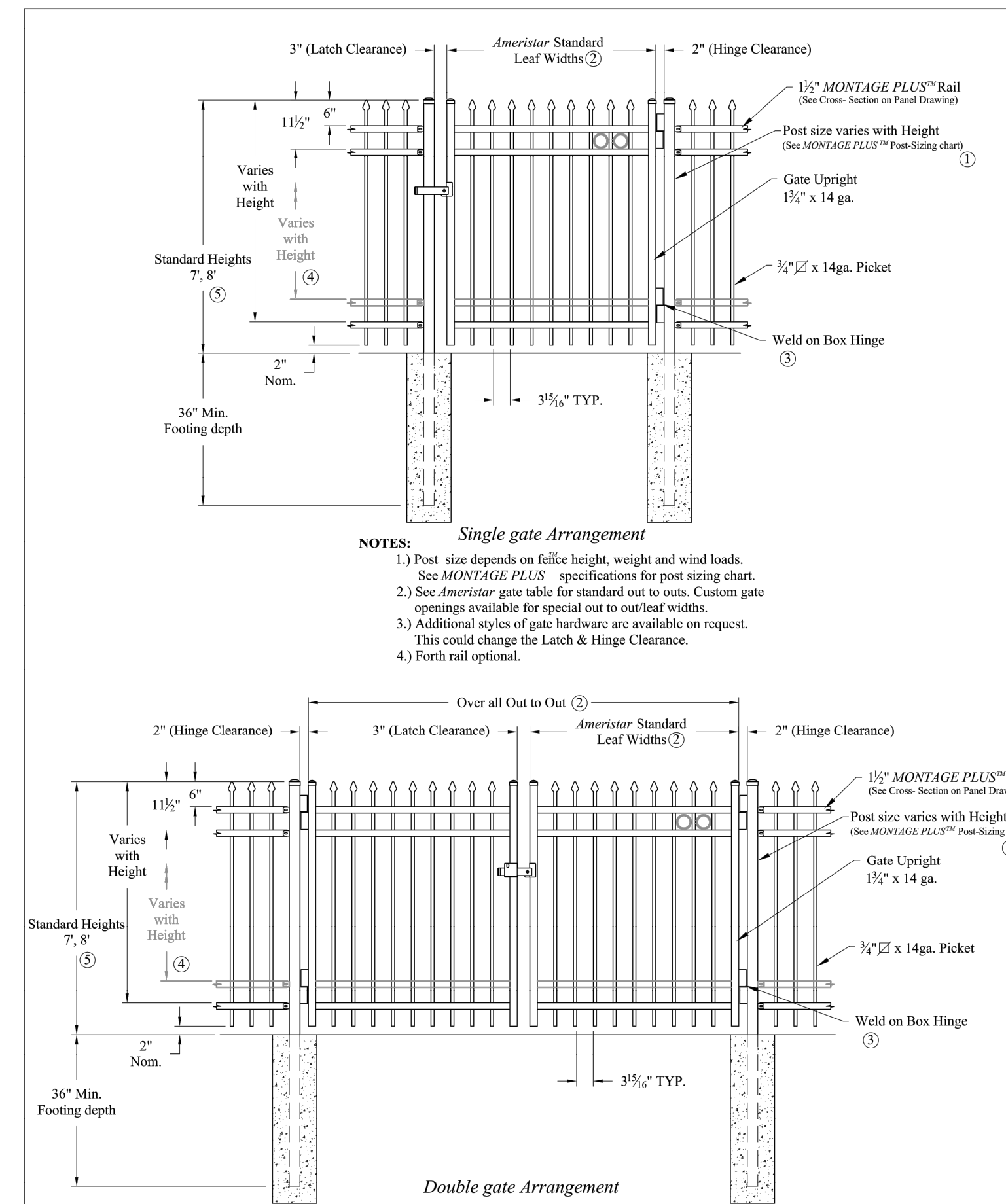
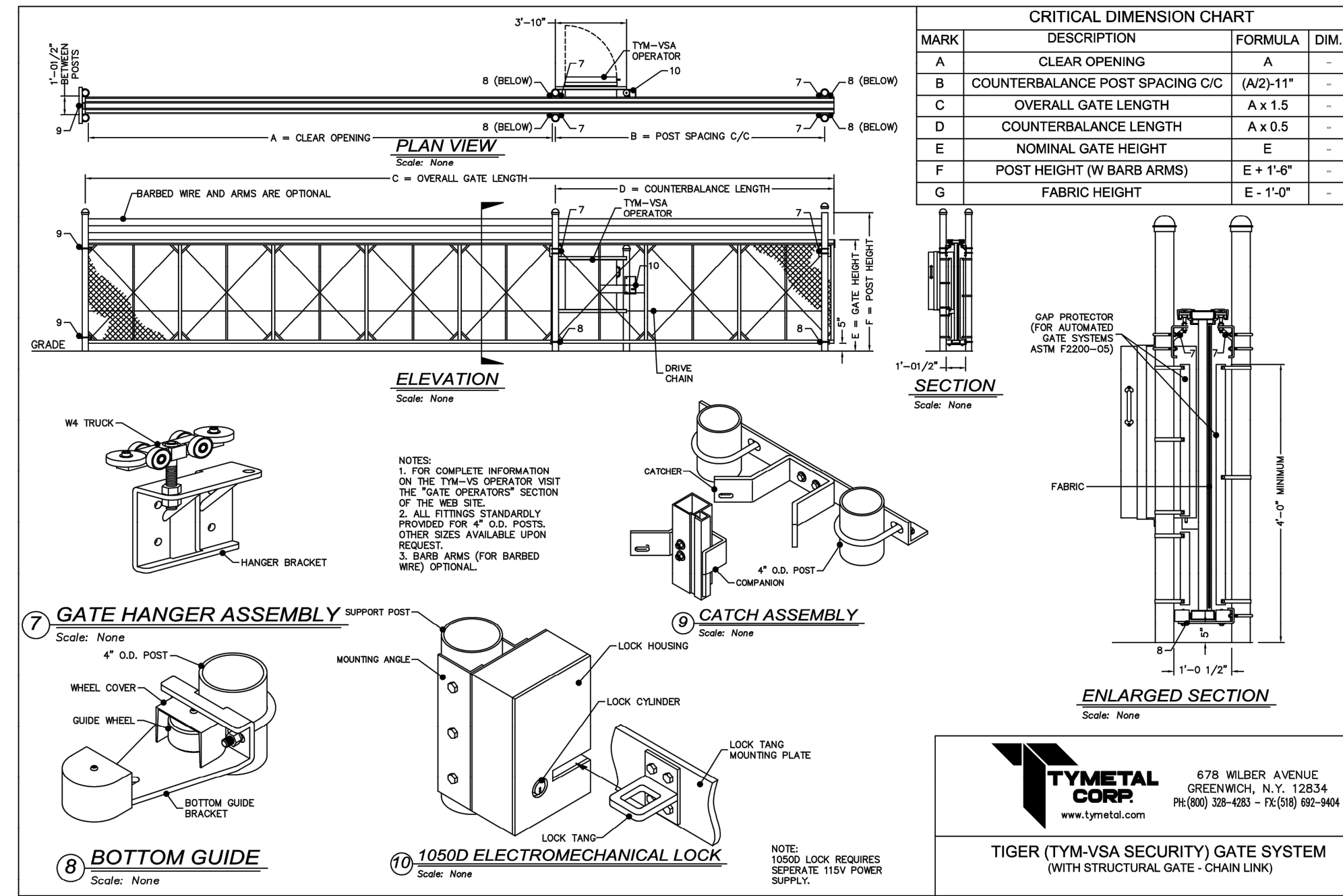
NO.	DATE	REMARKS
1	12/07/2020	EDGEWATER PARK REVIEW

JOB NO.: NYC19-0005
PA / PM: EW
DRAWN BY: IH
DATE: 07/21/2020

SHEET
C11.3
Sheet 26 of 28

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DR: RTM SH: 1 of 1 SCALE: DO NOT SCALE CK: ME Date: 6/25/10 REV: c

DR: NJB SH: 1 of 1 SCALE: DO NOT SCALE CK: BS Date: 09/21/11 REV: d

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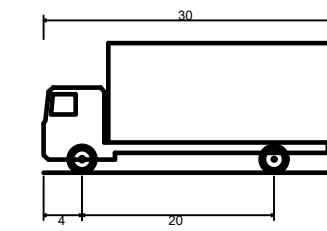
EDGEWATER PARK - SELF STORAGE DEVELOPMENT
PRELIMINARY SITE PLAN APPLICATION
CONSTRUCTION DETAILS
4201 ROUTE 130, BURLINGTON COUNTY, EDGWATER PARK, NEW JERSEY

NO.	DATE	REMARKS
1	12/07/2020	EDGEWATER PARK REVIEW

JOB NO.:	NYC19-0005
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DRAWN BY:	IH
DATE:	07/21/2020

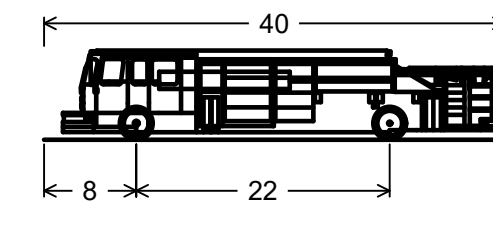
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NOT FOR CONSTRUCTION



SU-30 - Single Unit Truck
 Overall Length 30.000ft
 Overall Width 8.000ft
 Overall Body Height 13.500ft
 Min Body Ground Clearance 8.000ft
 Track Width 8.000ft
 Lock-to-lock time 5.00s
 Max Steering Angle (Virtual) 31.80°

UHAUL TRUCK

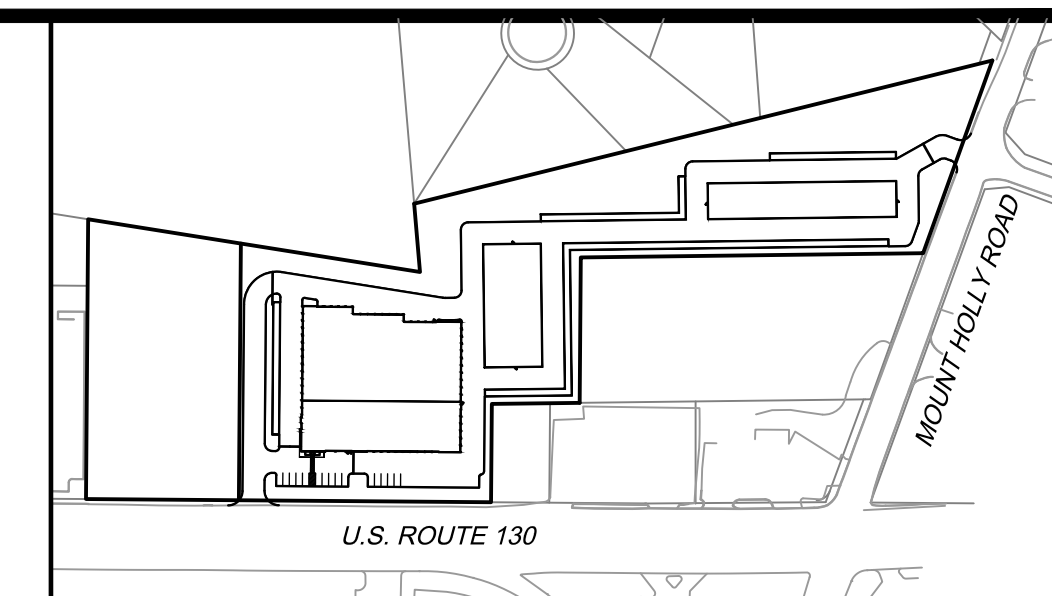


Overall Length 40.000ft
 Overall Width 8.167ft
 Overall Body Height 7.745ft
 Min Body Ground Clearance 8.167ft
 Track Width 8.167ft
 Lock-to-lock time 5.00s
 Max Wheel Angle 45.00°

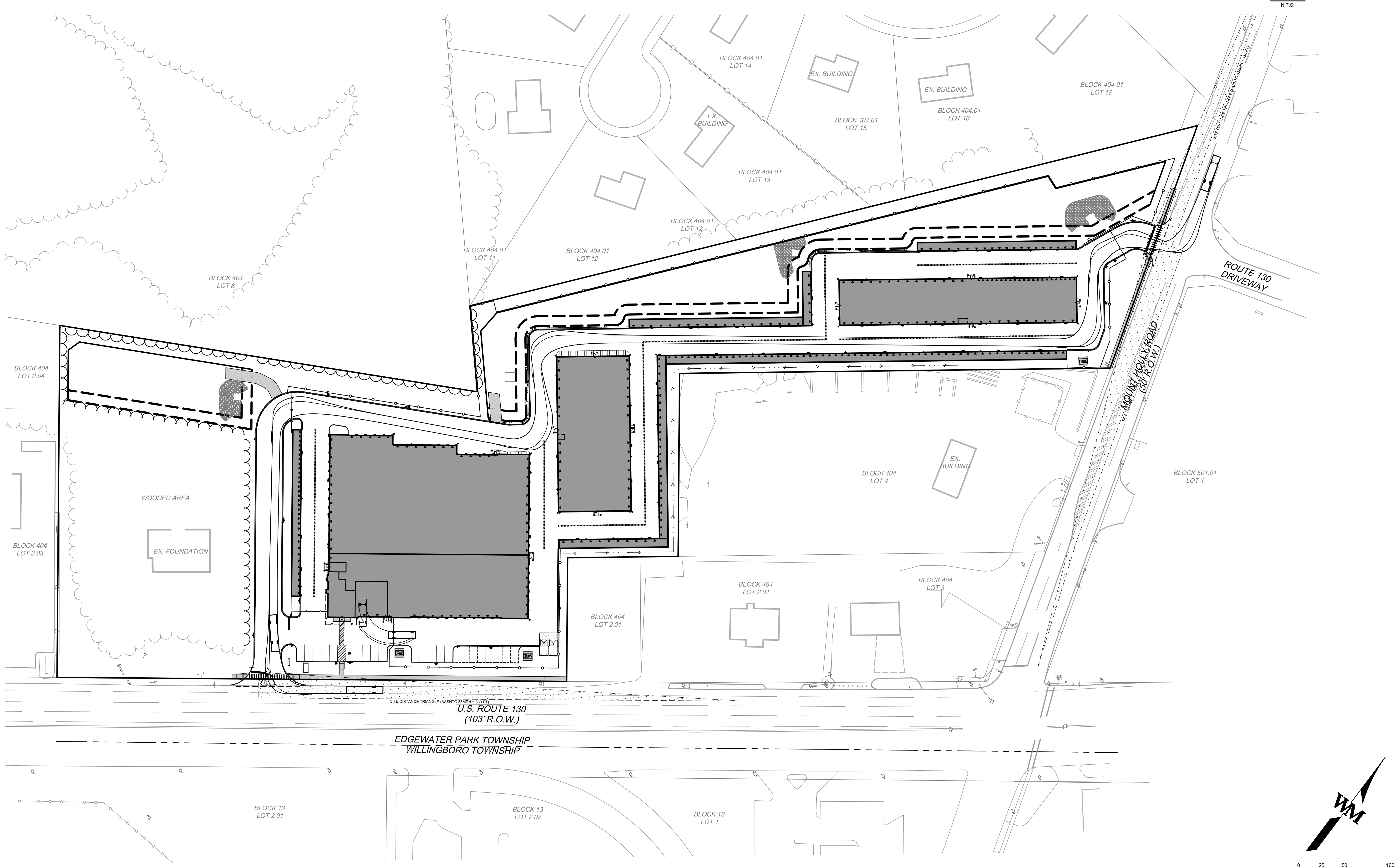
PUMPER FIRE TRUCKER

LEGEND:

- PROPERTY BOUNDARY
- PROPOSED CONCRETE SIDEWALK
- PROPOSED CURB
- PROPOSED SIGN
- EXISTING CURB
- EXISTING SIGN
- PROPOSED ROLL-UP DOOR



KEYMAP
N.T.S.



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[Signature]
 EDWARD W. MALCOMB
 PROFESSIONAL ENGINEER
 N.J. LIC. NO. 246280100

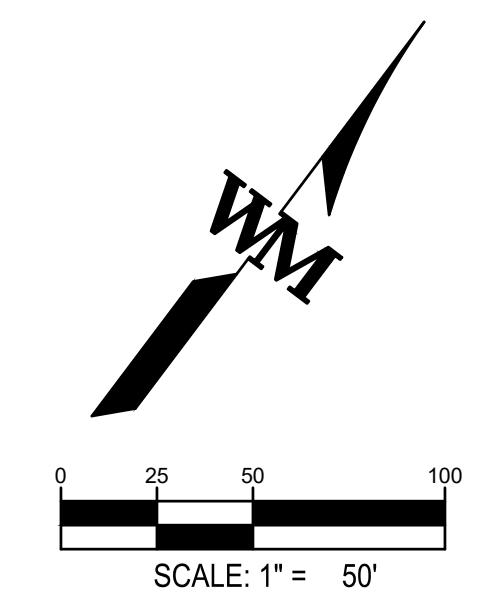
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 OF WARE MALCOMB

EDGEWATER PARK - SELF STORAGE DEVELOPMENT
 PRELIMINARY SITE PLAN APPLICATION
 VEHICLE TURNING PLAN
 4201 ROUTE 130, BURLINGTON COUNTY, EDGWATER PARK, NEW JERSEY

NO.	DATE	REMARKS
1	12/07/2020	EDGEWATER PARK REVIEW

JOB NO.:	NYC19-0005
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DATE:	07/21/2020

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