

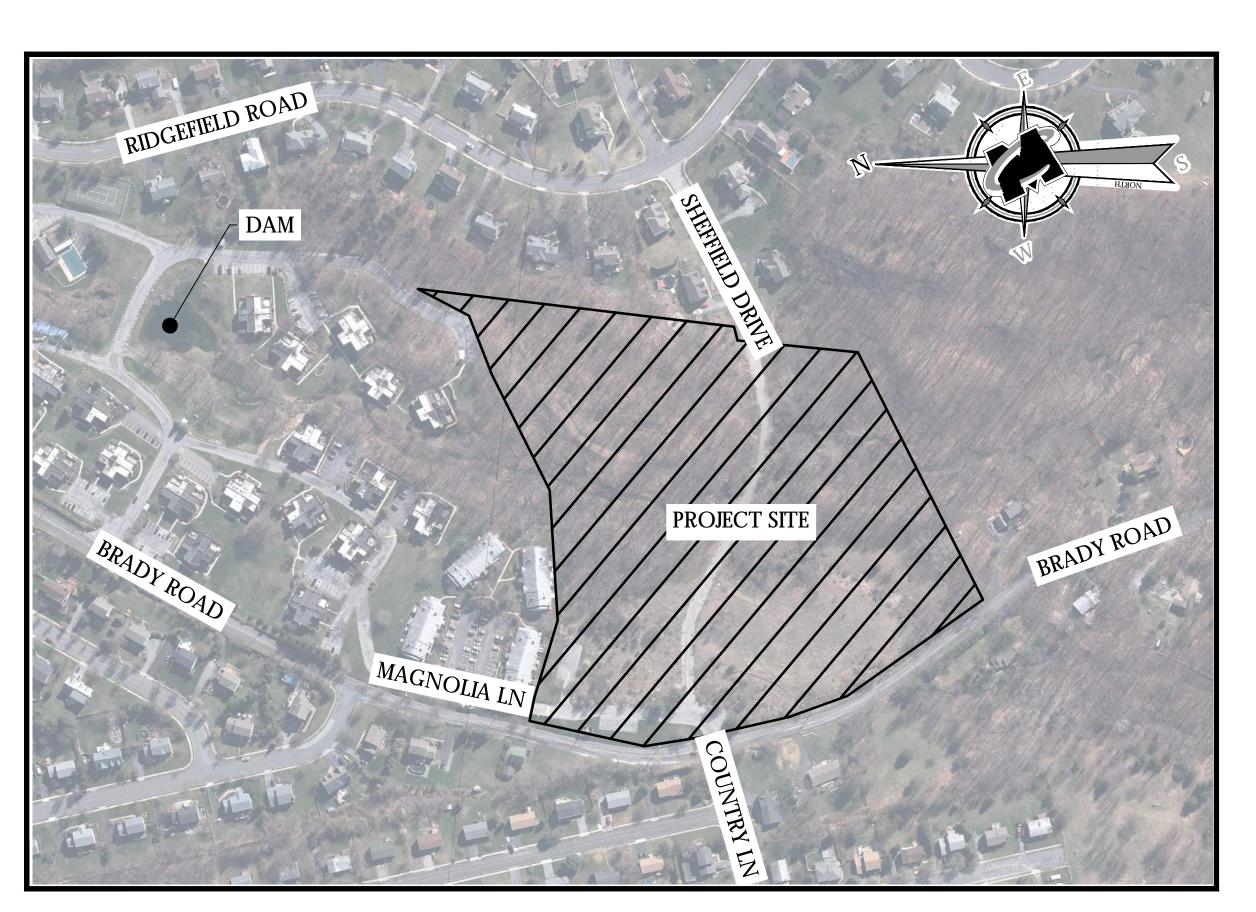
VILLAGE OF WARWICK ZONING MAP

SOURCE: VILLAGE OF WARWICK ZONING MAP

# AMENDED SITE PLANS

WARWICK COMMONS STAGE 5, LLC SBL: 218-1-91, 92, 93, 94 & 96, 219-1-2.2 SHEFFIELD DRIVE & BRADY ROAD VILLAGE OF WARWICK

ORANGE COUNTY, NEW YORK



## SITE LOCATION MAP

SOURCE: NYS GIS CLEARINGHOUSE

#### INDEX OF SHEETS DESCRIPTION REVISION COVER SHEET EXISTING CONDITIONS / DEMOLITION PLAN OVERALL DIMENSION PLAN 10/27/2020 **DIMENSION PLANS** 10/27/2020 GRADING & DRAINAGE PLAN 10/27/2020 8-9 UTILITIES PLAN 10/27/2020 10-11 ROAD PROFILES 10/27/2020 SOIL EROSION & SEDIMENT CONTROL PLAN 10/27/2020 SOIL EROSION & SEDIMENT CONTROL DETAILS 10/27/2020 14-15 LANDSCAPE PLAN 10/27/2020 LIGHTING PLAN 16-17 10/27/2020 CONSTRUCTION DETAILS 10/27/2020 LANDSCAPE & LIGHTING DETAILS 10/27/2020

### GENERAL INFORMATION

- 1. THE SUBJECT PROPERTY IS KNOWN AS SECTION 218, BLOCK 1, LOTS 91, 92, 93, 94 & 96 & SECTION 219, BLOCK 1, LOT 2.2 IN THE VILLAGE OF WARWICK, ORANGE
- 2. THE PROPERTY IS LOCATED IN THE R (RESIDENTAL) ZONING DISTRICT AND CONTAINS A TOTAL TRACT AREA OF 666,468 SQ FT, 15.3 ACRES.

400 RELLA BOULEVARD

ALLSAVE DEVELOPMENT, LLC.

MONTEBELLO, NY 10901 321 ROUTE 59 # 338 TALLMAN, NY 10982

- 3. SURVEY OF PROPERTY FOR WARWICK COMMONS STAGE 5 LLC. ENTITLED "SURVEY OF LOTS" PREPARED BY SCHMICK SURVEYING, INC., DATED AUGUST 29, 2019 AND LAST REVISED JULY 8, 2020. AND SURVEY OF PROPERTY FOR WARWICK COMMONS STAGE 5 LLC. ENTITLED "TOPOGRAPHIC AND WETLANDS" PREPARED BY SCHMICK SURVEYING, INC.
- 4. THE HORIZONTAL DATUM IS UNREFERENCED BY PROJECT SURVEYOR. THE VERTICAL DATUM IS RELATIVE TO N.A.V.D. 1988.
- 5. THE LIMITS OF FRESHWATER WETLANDS SHOWN HEREON WERE FIELD DELINEATED BY MASER CONSULTING ON JANUARY 16, 2020 AND A JURISDICTIONAL DETERMINATION REQUEST TO THE ARMY CORPS OF ENGINEERS DATED MARCH 6, 2020, TO VERIFY THE
- 6. NO 100 YEAR FLOOD PLAINS ARE KNOWN TO EXIST ON THE SITE PER THE FLOOD INSURANCE RATE MAPS 36071C0576E DATED 08/03/2009 PREPARED BY THE FEDERAL
- 7. THIS SET OF PLANS IS NOT DEPICTING ENVIRONMENTAL CONDITIONS OR A CERTIFICATION/WARRANTY REGARDING THE PRESENCE OR ABSENCE OF ENVIRONMENTALLY IMPACTED SITE CONDITIONS. MASER CONSULTING HAS PERFORMED NO EXPLORATORY OR TESTING SERVICES, INTERPRETATIONS, CONCLUSIONS OR OTHER SITE ENVIRONMENTAL SERVICES RELATED TO THE DETERMINATION OF THE POTENTIAL FOR CHEMICAL TOXIC RADIOACTIVE OR OTHER TYPE OF CONTAMINANTS AFFECTING THE PROPERTY AND THE UNDERSIGNED PROFESSIONAL IS NOT QUALIFIED TO DETERMINE THE EXISTENCE OF SAME SHOULD ENVIRONMENTAL CONTAMINATION OR WASTE BE DISCOVERED, THE OWNER AND CONTRACTOR SHALL BE RESPONSIBLE FOR COMPLYING WITH ALL APPLICABLE LAWS AND REGULATIONS.
- 8. THIS IS A SITE DEVELOPMENT PLAN AND UNLESS SPECIFICALLY NOTED ELSEWHERE HEREON, IS NOT A SURVEY.
- 9. DO NOT SCALE DRAWINGS AS THEY PERTAIN TO ADJACENT AND SURROUNDING PHYSICAL CONDITIONS, BUILDINGS, STRUCTURES, ETC. THEY ARE SCHEMATIC ONLY, EXCEPT WHERE DIMENSIONS ARE SHOWN THERETO.
- 10. THIS SET OF PLANS HAS BEEN PREPARED FOR THE PURPOSES OF MUNICIPAL AND AGENCY REVIEW AND APPROVAL. THIS SET OF PLANS SHALL NOT BE UTILIZED AS CONSTRUCTION DOCUMENTS UNTIL ALL APPROVALS REQUIRED HAVE BEEN OBTAINED, ALL CONDITIONS OF APPROVAL HAVE BEEN SATISFIED AND THE DRAWINGS HAVE BEEN STAMPED "ISSUED FOR CONSTRUCTION". THIS SHALL INCLUDE APPROVAL OF ALL CATALOG CUTS, SHOP DRAWINGS AND/OR DESIGN CALCULATIONS AS REQUIRED BY THE PROJECT OWNER
- 11. THE CONTRACTOR IS RESPONSIBLE FOR PROJECT SAFETY, INCLUDING PROVISION OF ALL APPROPRIATE SAFETY DEVICES AND TRAINING REQUIRED.
- 12. PRIOR TO ANY EXCAVATION, THE CONTRACTOR SHALL CALL 811 TO REQUEST A UTILITY
- 13. INFORMATION HEREON INCORPORATES THE CONTENT IN THE FOLLOWING REPORTS: A. "STORMWATER POLLUTION PREVENTION PLAN (SWPPP)" PREPARED FOR WARWICK COMMONS AND PREPARED BY MASER CONSULTING. DATE SEPTEMBER. 2020 B. "TRAFFIC IMPACT STUDY" PREPARED FOR WARWICK COMMONS AND PREPARED BY MASER CONSULTING, DATE AUGUST 12, 2020. . "GEOTECHNICAL DATA REPORT" PREPARED FOR WARWICK MEADOWS AND PREPARED

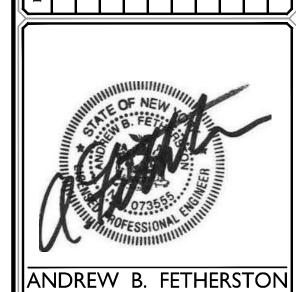
- 1. BUILDING FOOTPRINT DIMENSIONS SHOWN HEREON ARE APPROXIMATE. FINAL BUILDING FOOTPRINT DIMENSIONS FOR THE BUILDING SHALL BE FURNISHED ON THE INDIVIDUAL ARCHITECTURAL PLANS AT THE TIME OF APPLICATION FOR A BUILDING PERMIT. ALL STRUCTURES SHALL CONFORM TO THE APPROVED BULK ZONING REQUIREMENTS.
- 2. CURBS SHALL BE DEPRESSED FLUSH WITH PAVEMENT, AND ADA ACCESSIBLE CURB RAMPS INSTALLED WHERE SIDEWALKS AND CROSSWALKS INTERSECT SAME. DETECTABLE WARNINGS SHALL BE INCLUDED ON ADA ACCESSIBLE CURB RAMPS.
- 3. TRAFFIC SIGNAGE AND STRIPING SHALL CORRESPOND TO THE MANUAL ON UNIFORM
- 4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROPER DISPOSAL OF ALL WASTE MATERIALS IN ACCORDANCE WITH GOVERNING REGULATIONS AND AGENCIES.
- 5. REFUSE AND RECYCLABLES SHALL BE STORED WITHIN EACH DWELLING UNIT UNTIL DESIGNATED PICK UP DAY OR WITHIN OUTSIDE SCREENED TRASH ENCLOSURES AS

NOTED ON THE PLANS, AND PICKED UP BY PRIVATE WASTE DISPOSAL HAULER.

- 6. THERE SHALL BE NO ON-SITE BURIAL OF CONSTRUCTION MATERIALS, TREE BRANCHES,
- STUMPS, OR OTHER DELETERIOUS MATERIALS. 7. MATERIALS, WORKMANSHIP, AND CONSTRUCTION FOR THE SITE IMPROVEMENTS SHOWN
- A. NEW YORK STATE DEPARTMENT OF TRANSPORTATION "STANDARD SPECIFICATIONS", 2020, AS SUPPLEMENTED. B. CURRENT PREVAILING MUNICIPAL, COUNTY, AND/OR STATE AGENCY SPECIFICATIONS, STANDARDS, CONDITIONS, AND REQUIREMENTS. C. CURRENT PREVAILING UTILITY COMPANY/AUTHORITY SPECIFICATIONS, STANDARDS, D. CURRENT MANUFACTURER SPECIFICATIONS, STANDARDS, AND REQUIREMENTS.

- 1. EXISTING UTILITY INFORMATION SHOWN HEREON HAS BEEN COLLECTED FROM VARIOUS SOURCES AND IS NOT GUARANTEED AS TO ACCURACY OR COMPLETENESS. THE CONTRACTOR SHALL VERIFY ALL INFORMATION TO HIS SATISFACTION PRIOR TO EXCAVATION. WHERE EXISTING UTILITIES ARE TO BE CROSSED BY PROPOSED CONSTRUCTIONS, TEST PITS SHALL BE DUG BY THE CONTRACTOR PRIOR TO CONSTRUCTION TO ASCERTAIN EXISTING INVERTS. MATERIALS. AND SIZES. TEST PIT INFORMATION SHALL BE GIVEN TO THE ENGINEER PRIOR TO CONSTRUCTION TO PERMIT ADJUSTMENTS AS REQUIRED TO AVOID CONFLICTS. THE CONTRACTOR SHALL NOTIFY THE UNDER SIGNED PROFESSIONAL IMMEDIATELY IF ANY FIELD CONDITIONS ENCOUNTERED DIFFER MATERIALLY FROM THOSE REPRESENTED HEREON. SUCH CONDITIONS COULD RENDER THE DESIGNS HEREON INAPPROPRIATE OR INEFFECTIVE.
- 2. UTILITY RELOCATIONS SHOWN HEREON, IF ANY, ARE FOR INFORMATIONAL PURPOSES ONLY AND MAY NOT REPRESENT ALL REQUIRED UTILITY RELOCATIONS. THE CONTRACTOR IS RESPONSIBLE FOR PERFORMING AND/OR COORDINATING ALL REQUIRED UTILITY RELOCATIONS IN COOPERATION WITH THE RESPECTIVE UTILITY COMPANY/AUTHORITIES.
- 3. STORM SEWERS SHALL BE CLASS III (OR HIGHER IF NOTED) REINFORCED CONCRETE PIPE (RCP) WITH "O" RING GASKETS OR INTERNALLY PRELUBRICATED GASKET (TYLOX SUPERSEAL OR EQUIVALENT, ADS N-12 HIGH DENSITY POLYETHYLENE PIPE (HDPE), AS NOTED ON THE PLAN, OR APPROVED EQUAL. PROPER PIPE COVERAGE SHALL BE MAINTAINED DURING ALL PHASES OF CONSTRUCTION. PIPE LENGTHS SHOWN HEREON ARE FROM CENTER OF STRUCTURE TO CENTER OF STRUCTURE.
- 4. WATER SERVICE TO BE PROVIDED FROM THE EXISTING WATER MAIN LINE ON DOLSONTOWN ROAD, OWNED AND OPERATED BY THE VILLAGE OF WARWICK WATER DEPARTMENT. PROPOSED WATER MAIN EXTENSIONS AND FIRE HYDRANT LOCATIONS ARE SUBJECT TO MUNICIPAL REVIEW AND APPROVAL. PIPE MATERIALS SHALL BE CEMENT LINED DUCTILE IRON PIPE, CLASS 52 AS NOTED ON THE PLANS. WATER MAINS SHALL BE INSTALLED TO PROVIDE A MINIMUM 4.5 FEET OF COVER FROM THE TOP OF PIPE TO THE PROPOSED GRADE.
- 5. SANITARY SEWER SERVICE SHALL BE PROVIDED BY GRAVITY CONNECTION TO EXISTING SEWER MANHOLE IN BRADY ROAD. OWNED AN OPERATED BY THE VILLAGE OF WARWICK SEWER DEPARTMENT. ON-SITE GRAVITY PIPE MATERIALS SHALL BE PVC SDR-35, EXCEPT AS NOTED OTHERWISE ON THE PLANS. EXCEPT WHERE SHALLOWER DEPTHS ARE PERMITTED BY THE MUNICIPALITY OR UTILITY AUTHORITY, SEWER LINES, INCLUDING FORCE MAINS AND LATERALS, SHALL BE INSTALLED TO PROVIDE A MINIMUM 4 FEET OF COVER FROM THE TOP OF PIPE TO PROPOSED GRADE.
- 6. ALL WATER PIPES SHOULD BE SEPARATED FROM SANITARY SEWER AND INDUSTRIAL DISCHARGE LINES BY A MINIMUM HORIZONTAL DISTANCE OF 10 FEET. IF SUCH HORIZONTAL SEPARATION IS NOT POSSIBLE, THE WATER AND SEWER LINES SHALL BE IN SEPARATE TRENCHES (STEP TRENCHES ARE PROHIBITED) WITH THE TOP OF THE SEWER LINE AT LEAST 18 INCHES BELOW THE BOTTOM OF THE WATER MAIN ENCASED IN CONCRETE OR WITH SUCH SEPARATION EXPRESSLY APPROVED BY THE DEPARTMENT OF
- 7. AT THE CROSSINGS OF SEWER LINES AND WATER MAINS, THE TOP OF THE SEWER LINES SHALL BE AT LEAST 18 INCHES BELOW THE BOTTOM OF THE WATER MAIN (SEWER SERVICE LATERALS ARE NOT SUBJECT TO THIS REQUIREMENT). IF SUCH VERTICAL SEPARATION IS NOT POSSIBLE, THE WATER LINE SHALL BE ENCASED IN CONCRETE.
- 8. GAS, ELECTRIC, LIGHTING, CABLE TELEVISION, AND ELECTRICAL SERVICE PLANS, IF REQUIRED, SHALL BE PREPARED BY THE RESPECTIVE UTILITY COMPANIES THAT SERVICE THE AREA PRIOR TO SITE CONSTRUCTION AND SHALL BE INSTALLED PER ORDINANCE OR LOCAL UTILITY COMPANIES REQUIREMENTS.
- 9. TELEPHONE, ELECTRIC, AND GAS LINES WILL BE INSTALLED UNDERGROUND. CROSSINGS OF PROPOSED PAVEMENTS WILL BE INSTALLED PRIOR TO THE CONSTRUCTION OF

www.maserconsulting.com Office Locations: ■ NEW JERSEY
■ NEW MEXICO MARYLAND VIRGINIA TEXAS TENNESSEE ■ FLORIDA ■ NORTH CAROLINA ■ COLORADO State of N.Y. C.O.A: 0008671 / 0008821 rawing and all the information contained herein is authorized for i only by the party for whom the services were contracted or to who it is certified. This drawing may not be copied, reused, disclosed, XCAVATORS, DESIGNERS, OR ANY PERSO Preparing to disturb the Earth's SURFACE ANYWHERE IN ANY STAT FOR STATE SPECIFIC DIRECT PHONE NUMBERS VISIT: WWW.CALL811.COM



NEW YORK LICENSED PROFESSIONAL ENGINEER - LICENSE NUMBER: 073555-1

AMENDED SITE PLANS

WARWICK **COMMONS STAGE 5,** 

TAX LOTS 218-1-91,92,93,94 & 96, 219-1-2.2

ORANGE COUNTY **NEW YORK** 

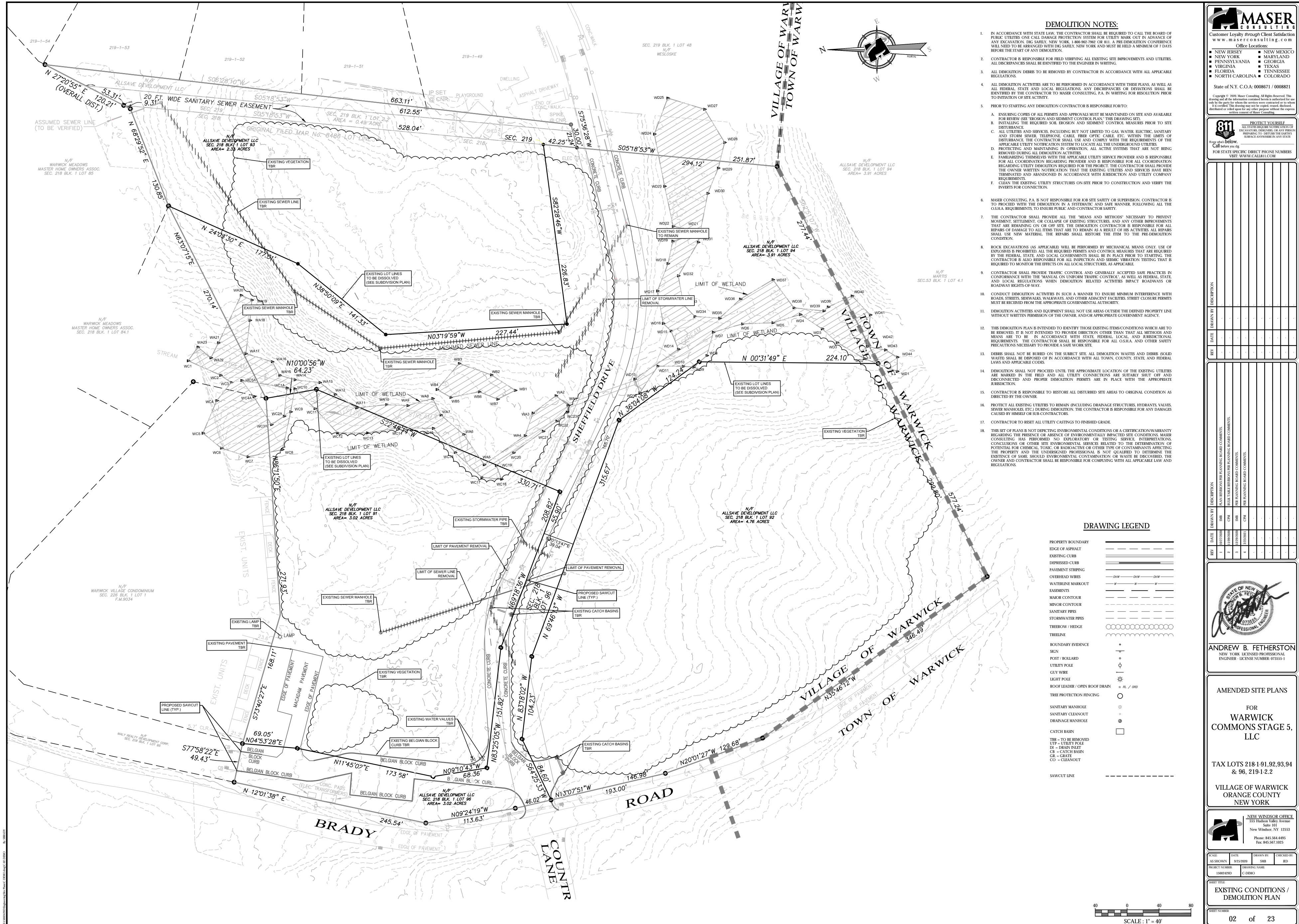


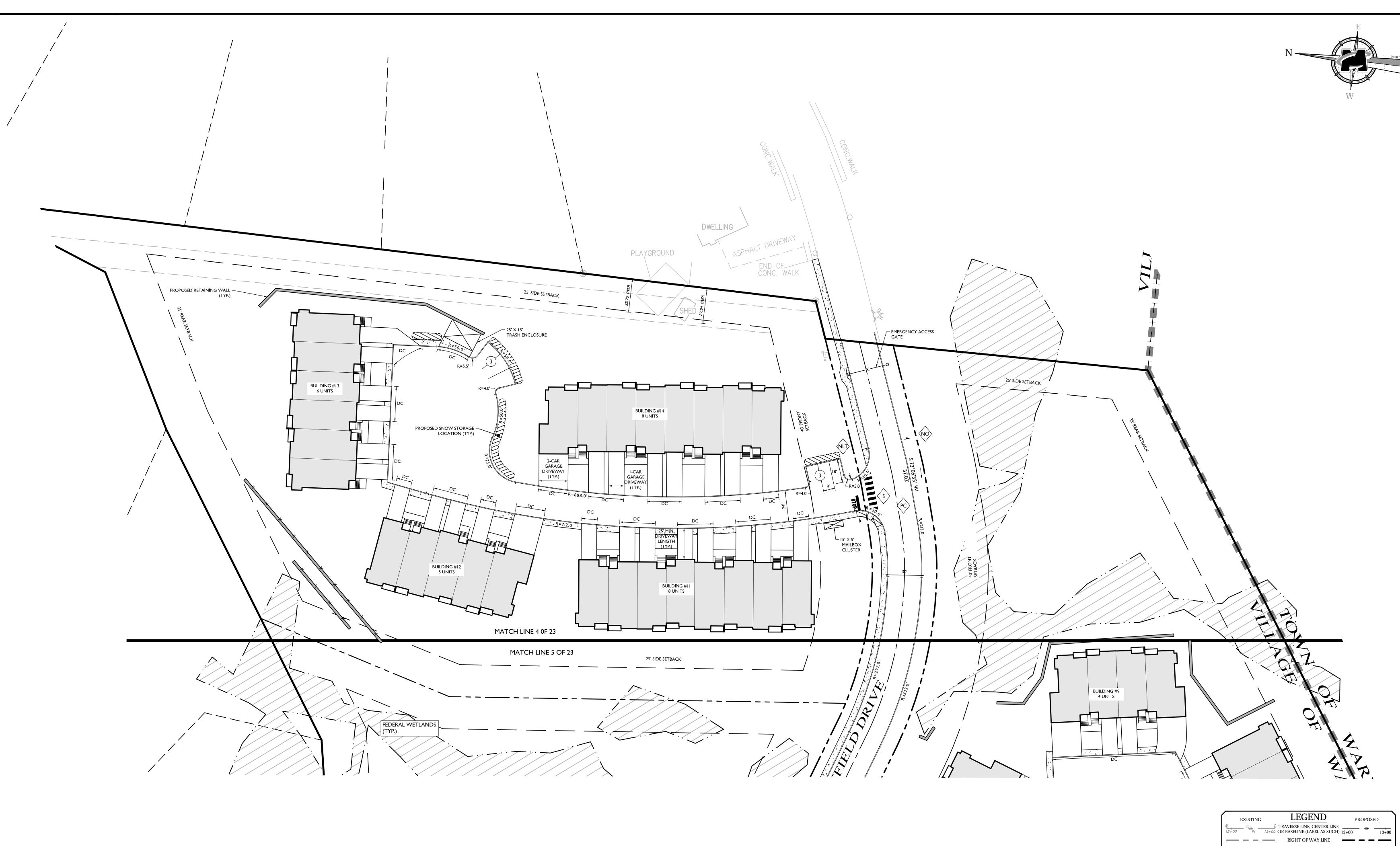
New Windsor, NY 12553 Phone: 845.564.4495 SMB

Suite 101

15002429D

COVER SHEET





EXISTING	<b>LEGEND</b>	PROPOSED
7L 12+00 PI 13+00	TRAVERSE LINE, CENTER LINE OR BASELINE (LABEL AS SUCH)	12+00 $\leftrightarrow$ 13+00
	RIGHT OF WAY LINE	
	PROPERTY LINE	
	EDGE OF PAVEMENT	
BACK	CURB	FACE BACK
	DEPRESSED CURB	
	SIDEWALK	A A A A
xx	FENCES	xx
······	TREELINE	~~~~~~
<del></del>	ROADWAY SIGNS	<del>-</del> -
	WETLAND LINE	
	MUNICIPAL BOUNDARY LINE	
	STALL COUNT	10
	ADA ACCESSIBLE STALL	Ł Ł
Ι	DEPRESSED CURB AND ADA RAM	IP HC V

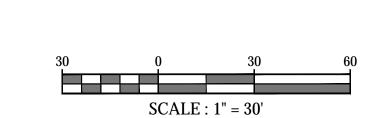
DIRECTION OF TRAFFIC FLOW

### MAP REFERENCE:

MAP ENTITLED "SURVEY OF PROPERTY FOR WARWICK COMMONS STAGE 5 LLC, SURVEY OF LOTS", PREPARED BY

SCHMICK SURVEYING, INC. PROFESSIONAL LAND SURVEYING. DATED AUGUST 29, 2019.

MAP ENTITLED "SURVEY OF PROPERTY FOR WARWICK COMMONS STAGE 5 LLC, TOPOGRAPHY & WETLANDS" PREPARED BY SCHMICK SURVEYING, INC. PROFESSIONAL LAND SURVEYING, DATED AUGUST 29, 2019.



Customer Loyalty through Client Satisfaction www.maserconsulting.com Office Locations: ■ NEW JERSEY ■ NEW MEXICO ■ NEW YORK ■ MARYLAND ■ PENNSYLVANIA ■ GEORGIA ■ VIRGINIA ■ TEXAS ■ FLORIDA TENNESSEE ■ NORTH CAROLINA ■ COLORADO State of N.Y. C.O.A: 0008671 / 0008821 Copyright © 2021. Maser Consulting. All Rights Reserved. This drawing and all the information contained herein is authorized for use only by the party for whom the services were contracted or to whom it is certified. This drawing may not be copied, reused, disclosed, distributed or relied upon for any other purpose without the express written consent of Maser Consulting. PROTECT YOURSELF
ALL STATES REQUIRE NOTIFICATION OF
EXCAVATORS, DESIGNERS, OR ANY PERSON
PREPARING TO DISTURB THE EARTH'S
SURFACE ANYWHERE IN ANY STATE Know what's below.

Call before you dig. FOR STATE SPECIFIC DIRECT PHONE NUMBERS
VISIT: WWW.CALL811.COM



ANDREW B. FETHERSTON

NEW YORK LICENSED PROFESSIONAL

ENGINEER - LICENSE NUMBER: 073555-1

AMENDED SITE PLANS

WARWICK COMMONS STAGE 5,

TAX LOTS 218-1-91,92,93,94 & 96, 219-1-2.2

VILLAGE OF WARWICK

ORANGE COUNTY **NEW YORK** 



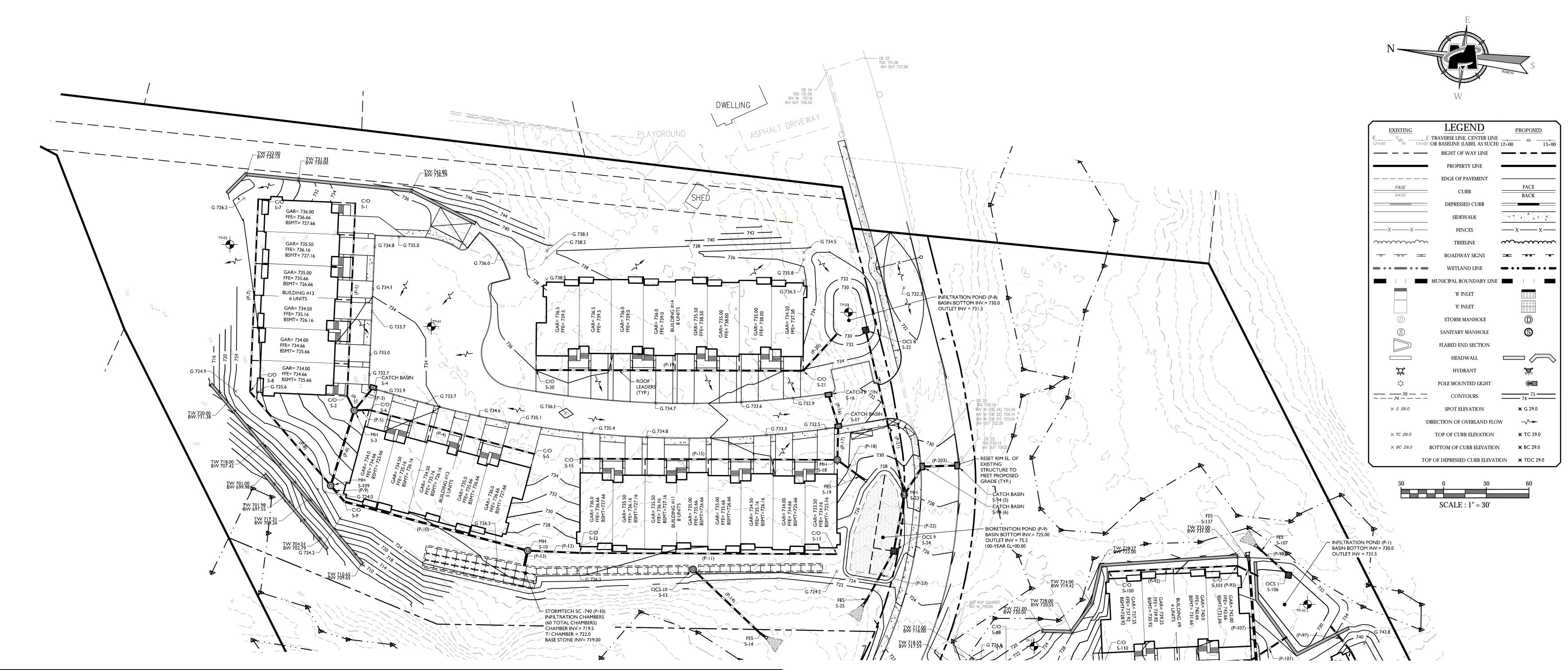
NEW WINDSOR OFFICE

555 Hudson Valley Avenue
Suite 101 New Windsor, NY 12553 Phone: 845.564.4495 Fax: 845.567.1025

SMB 15002429D

**DIMENSION PLAN** 





Proposed Drainage Structure Table				Proposed Drainage Structure Table					Proposed Drainage Structure Table											
Structure I.D.	Description	Rim/Grate	Pipes (In)	Inverts (In)	Pipes (Out)	Inverts (Out)	Structure I.D.	Description	Rim/Grate	Pipes (In)	Inverts (In)	Pipes (Out)	Inverts (Out)	Structure I.D.	Description	Rim/Grate	Pipes (In)	Inverts (In)	Pipes (Out)	Inverts (Out)
S-I	I0 in. Clean Out	735.05			I0" HDPE	732.30	S-44	30 in. x 48 in. Catch Basin	716.47			12" HDPE	713.00	S-87	48 in. dia. CONED MH	725.94	I5" HDPE	718.50		
S-2	10 in. Clean Out	732.71	10" HDPE	729.75	I2" HDPE	729.75	S-45	30 in. x 48 in. Catch Basin	716.47	12" HDPE	712.75	12" HDPE	711.03	S-88	12 in. Clean Out	726.88	15" HDPE	719.00	15" HDPE	719.00
6.2	40 · II CONED MIL	722.20	12" HDPE	729.00 729.75	IENTIDOE	720.50	S-46	48 in. dia. CONED MH	718.06			12" HDPE	710.00	S-89	30 in. x 48 in. Drain Inlet	736.74	15" HDPE	733.00	15" HDPE	728.00
S-3	48 in. dia. CONED MH	732.29	12" HDPE 12" HDPE	729.75 729.50	I5" HDPE	728.50	S-47	12 inch Flared End Section	707.10	12" HDPE	706.00			S-90	30 in. x 48 in. Drain Inlet	741.51	I2" HDPE I2" HDPE	739.00 739.00	15" HDPE	738.50
S-4	30 in. x 48 in. Catch Basin	732.62			I2" HDPE	729.50	S-48	10 in. Clean Out	719.75			10" HDPE	716.00	S-91	30 in. x 48 in. Drain Inlet	742.03	I2" HDPE	740.75	12" HDPE	740.50
S-5	10 in. Clean Out	735.81			I0" HDPE	732.75	S-49	10 in. Clean Out	718.55	I0" HDPE	715.00	12" HDPE	715.00	S-92	10 in. Clean Out	744.08	I0" HDPE	741.00	12" HDPE	741.00
S-6	10 in. Clean Out	732.90	10" HDPE	729.90	12" HDPE	729.90	S-50	48 in. x 48 in. OCS	702.50			12" HDPE	698.00	S-93	10 in. Clean Out	751.72			I0" HDPE	748.75
S-7	10 in. Clean Out	726.75			I0" HDPE	723.75	S-51	12 inch Flared End Section	697.10	I2" HDPE	696.00			S-94	30 in. x 48 in. Drain Inlet	748.71	I2" HDPE	745.00	12" HDPE	745.00
S-8	10 in. Clean Out	725.35	10" HDPE	722.75	I2" HDPE	722.75	S-52	48 in. dia. CONED MH	732.66			12" HDPE	723.00	3-74	30 III. X 40 III. Di alli lillet	740.71	12" HDPE	746.00	12 HDFE	745.00
S-9	I2 in. Clean Out	724.85	15" HDPE	721.40	15" HDPE	721.40	S-53	30 in. x 48 in. Catch Basin	722.54	12" HDPE	719.50	12" HDPE	720.00	S-94 (I)	30 in. x 48 in. Catch Basin	719.07	I5" HDPE I2" HDPE	716.25 716.00	15" HDPE	715.75
S-10	48 in. dia. CONED MH	727.18	15" HDPE 12" HDPE	720.50 720.41	18" HDPE	720.25	S-54	30 in. x 48 in. Catch Basin 48 in. dia. CONED MH	721.52 732.75	12" HDPE	719.50 724.50	15" HDPE	718.65	S-94 (2)	30 in. x 48 in. Catch Basin	719.07			12" HDPE	716.25
S-11	10 in. Clean Out	724.44			I0" HDPE	721.50	S-55	30 in. x 48 in. Catch Basin		13 HDPE	724.50	I5" HDPE	726.50	S-94 (3)	30 in. x 48 in. Catch Basin	719.64	I2" HDPE	715.50	15" HDPE	715.25
S-12	12 in. Clean Out	726.85	10" HDPE	720.60	I2" HDPE	720.60	S-56	30 in. x 48 in. Catch Basin	732.57 733.18	12 HDPE	727.00	13 HDPE					I5" HDPE	711.73		
S-13	48 in. dia. CONED MH	725.26			I2" HDPE	719.00	S-57		+	12 HDPE		12 HDPE	728.00	S-94 (4)	30 in. x 48 in. Catch Basin	719.64	I5" HDPE	713.50		
S-14	12 inch Flared End Section	713.10	12" HDPE	712.00			S-58 S-60	12 in. Clean Out	733.37 746.93	12 HDPE	725.74 743.00		730.00 734.46	S-94 (5)	30 in. x 48 in. Catch Basin	729.16			12" HDPE	726.57
S-15	10 in. Clean Out	735.66			I0" HDPE	732.00	S-60 S-61		746.93	12" HDPE	743.00	12" HDPE	746.00	S-94 (6)	30 in. x 48 in. Catch Basin	729.19	12" HDPE	726.5 I	12" HDPE	726.41
S-16	30 in. x 48 in. Catch Basin	732.43			I2" HDPE	729.00	S-61	10 in. Clean Out	752.30	10" HDPE	746.00	12 HDPE	746.00	S-95	30 in. x 48 in. Drain Inlet	748.64			12" HDPE	746.25
S-17	30 in. x 48 in. Catch Basin	732.36	12" HDPE	728.75	I2" HDPE	728.75			762.42	10 HDFE	747.00	10 HDPE	759.20	S-96	10 in. Clean Out	748.71	I0" HDPE	745.70	12" HDPE	745.50
S-18	48 in. dia. CONED MH	733.02	10" HDPE	728.50	I2" HDPE	728.50	S-63	10 in. Clean Out	1	I8" HDPE	719.50	10 HDFE	737.20	S-97	10 in. Clean Out	754.27			10" HDPE	751.00
			12" HDPE	728.50	12 11012	7 20.50	S-64	48 in. dia. CONED MH	722.56	10" HDPE	719.50	24" HDPE	718.75	S-100	10 in. Clean Out	732.43			10" HDPE	731.53
S-19	12 inch Flared End Section	729.10	12" HDPE	728.00			S-65	30 in. x 48 in. Catch Basin	725.72	15" HDPE	722.00	18" HDPE	721.75	S-101	10 in. Clean Out	731.99	I0" HDPE	731.08	10" HDPE	730.50
S-20	6 in. Clean Out	736.03	<u> </u>		I2" HDPE	733.00	5.//		<u> </u>	I5" HDPE	722.00	I.E. LIDDE	722.50	S-102	10 in. Clean Out	762.75			10" HDPE	760.00
S-2	10 in. Clean Out	733.93	12" HDPE	731.00	I2" HDPE	731.00	S-66	30 in. x 48 in. Drain Inlet	725.71	I5" HDPE	723.00	15" HDPE	722.50	S-103	10 in. Clean Out	758.30	I0" HDPE	747.00	I0" HDPE	747.00
S-22	48 in. x 48 in. OCS	731.75			12" HDPE	729.00	S-67	30 in. x 48 in. Drain Inlet	735.32	12" HDPE 12" HDPE	732.25 732.25	15" HDPE	732.00	S-104	10 in. Clean Out	747.69	I0" HDPE	745.00	12" HDPE	745.00
S-23	48 in. dia. CONED MH	727.05	12" HDPE 12" HDPE	723.00 723.50	I2" HDPE	723.00	S-68	30 in. x 48 in. Drain Inlet	736.80	12" HDPE	733.50	12" HDPE	733.00	S-105	l 2 in. Clean Out	743.30	12" HDPE	740.00	12" HDPE	740.00
S-24	48 in. x 48 in. OCS	726.50	12" HDPE	722.00	I2" HDPE	720.00	S-69	10 in. Clean Out	736.94	I0" HDPE	734.00	12" HDPE	734.00	S-106	48 in. x 48 in. OCS	731.50			12" HDPE	729.90
S-25	12 inch Flared End Section	719.10	12" HDPE	718.00			S-70	10 in. Clean Out	740.88			10" HDPE	737.50	S-107	12 inch Flared End Section	730.85	12" HDPE	729.75		
S-26	I0 in. Clean Out	717.37			I0" HDPE	714.00	S-71	30 in. x 48 in. Catch Basin	739.46	I2" HDPE	736.00	12" HDPE	736.00	S-108	48 in. dia. CYLINDER MH	724.10			12" HDPE	718.00
S-27	I2 in. Clean Out	717.14	10" HDPE	713.25	I2" HDPE	713.25	S-72	30 in. x 48 in. Catch Basin	741.05	I2" HDPE	738.00	12" HDPE	738.00	S-109	48 in. dia. CONED MH	725.11	15" HDPE 12" HDPE	722.00 721.75	15" HDPE	721.50
			12" HDPE	711.50			S-73	30 in. x 48 in. Catch Basin	747.85	I2" HDPE I2" HDPE	745.00 744.75	12" HDPE	744.75	S-110	10 in. Clean Out	737.04	12 HDFE	721.73	I0" HDPE	734.00
S-28	30 in. x 48 in. Catch Basin	716.08	12" HDPE 12" HDPE	710.00 713.00	I5" HDPE	709.02	S-74	30 in. x 48 in. Catch Basin	747.90	12 HDPE	744.75	I2" HDPE	745.00	S-110	6 in. Clean Out	737.04	I0" HDPE	733.47	10 HDPE	734.00
S-29	30 in. x 48 in. Catch Basin	717.14			12" HDPE	714.00	S-75	10 in. Clean Out	747.50	I0" HDPE	745.50	12" HDPE	745.50	S-111	30 in. x 48 in. Drain Inlet	768.00	10 HDFL	733.77	18" HDPE	765.00
S-3 I	10 in. Clean Out	717.51			I0" HDPE	714.00	S-76	10 in. Clean Out	753.58	IN HIDEE	73.30	12 HDPE	750.50	S-133	48 in. dia. CYLINDER MH	+	I8" HDPE	757.00	18" HDPE	756.00
S-32	10 in. Clean Out	717.30	10" HDPE	710.25	12" HDPE	710.25				I2" HDPE	728.30			S-135	48 in. dia. CYLINDER MH		18" HDPE	750.00	18" HDPE	750.00
S-33	30 in. x 48 in. Catch Basin	717.22			I2" HDPE	714.50	S-77	30 in. x 48 in. Drain Inlet	731.30	12" HDPE	728.00	15" HDPE	728.00	S-136	48 in. dia. CYLINDER MH	+	I8" HDPE	737.00	18" HDPE	734.00
0.24	20. (2. 2		12" HDPE	713.75	10"	71101	S-78	30 in. x 48 in. Catch Basin	731.43			12" HDPE	728.25	S-137	18 inch Flared End Section	732.63	18" HDPE	731.00	10 11012	, 5 1.00
S-34	30 in. x 48 in. Catch Basin	717.41	12" HDPE 12" HDPE	714.00 714.00	I2" HDPE	711.04	S-79	30 in. x 48 in. Catch Basin	734.29	I2" HDPE I2" HDPE	731.00 731.00	12" HDPE	730.75	S-138	48 in. dia. CYLINDER MH	717.86	1.0 1.012	751.00	12" HDPE	710.50
S-35	I0 in. Clean Out	718.49	<u></u>		I0" HDPE	716.00	S-80	10 in. Clean Out	734.64	10" HDPE	731.50	12" HDPE	73 .50	S-139	12 in. Clean Out	716.00	I2" HDPE	710.00	12" HDPE	710.00
S-36	I2 in. Clean Out	717.13	10" HDPE	715.50	I2" HDPE	715.50	S-81	10 in. Clean Out	736.69	1		10" HDPE	733.00	S-140		714.44	I2" HDPE	709.00	12" HDPE	708.75
S-37	I0 in. Clean Out	717.53			I0" HDPE	715.00	S-82	30 in. x 48 in. Catch Basin	734.32	I2" HDPE	731.25	12" HDPE	731.25	3-140	48 in. dia. CYLINDER MH	714.44	I2" HDPE	708.25	12 HUPE	/06./3
S-38	48 in. dia. CYLINDER MH	718.01	12" HDPE	714.00	I2" HDPE	714.00	S-83	10 in. Clean Out	735.78	IO" HDPE	731.25	12" HDPE	731.25	S-141	12 inch Flared End Section	709.10	I2" HDPE	708.00		
			10" HDPE	714.00			S-84	10 in. Clean Out	741.77		<del>-</del>	10" HDPE	738.75	1						
S-39	10 in. Clean Out	726.03	10"11000	700.00	10" HDPE	723.00	S-85	10 in. Clean Out	723.11	I0" HDPE	721.00	10" HDPE	721.00	1						
S-40	10 in. Clean Out	727.53	10" HDPE	720.00	I0" HDPE	720.00			1	1	- 21.30		1	4						

10" HDPE

12 in. Clean Out

12 in. Clean Out

30 in. x 48 in. Drain Inlet

S-41

S-42

721.87 | 10" HDPE

716.05

720.21 | 12" HDPE | 717.00

719.00

717.00

713.00

12" HDPE

12" HDPE

12" HDPE

10 in. Clean Out

Proposed Drainage Pipe Table				Proposed Drainage Pipe Table					Proposed Drainage Pipe Table								
Pipe I.D.	Description	Length	Invert Up	Invert Dn	Slope	Pipe I.D.	Description	Length	Invert Up	Invert Dn	Slope	Pipe I.D.	Description	Length	Invert Up	Invert Dn	Slope
P-I	I0"HDPE	136'	732.30	729.75	1.88%	P-42	12"HDPE	23'	713.00	712.75	1.09%	P-83	I2"HDPE	33'	740.50	739.00	4.58%
P-2	I 2"HDPE	11'	729.75	729.50	2.20%	P-43	12"HDPE	45'	710.00	706.00	8.80%	P-84	I2"HDPE	17'	741.00	740.75	1.48%
P-3	I2"HDPE	21'	729.50	729.00	2.39%	P-44	I0"HDPE	91'	716.00	715.00	1.10%	P-85	I0"HDPE	105'	748.75	741.00	7.40%
P-4	I0"HDPE	120'	732.75	729.90	2.37%	P-45	12"HDPE	111'	715.00	711.00	36.69%	P-86	I2"HDPE	102'	745.00	739.00	5.90%
P-5	I2"HDPE	10'	729.90	729.75	1.43%	P-46	12"HDPE	22'	698.00	696.00	9.22%	P-87	I2"HDPE	21'	746.25	746.00	1.20%
P-6	I5"HDPE	55'	728.50	722.00	11.76%	P-47	12"HDPE	37'	723.00	719.50	9.36%	P-88	I2"HDPE	16'	745.50	745.00	3.06%
P-7	I0"HDPE	136'	723.75	722.75	0.74%	P-48	12"HDPE	36'	720.00	719.50	1.40%	P-89	I0"HDPE	90'	751.00	745.70	5.86%
P-8	12"HDPE	87'	722.75	721.75	1.15%	P-49	15"HDPE	34'	726.50	724.50	5.88%	P-92	I0"HDPE	91'	731.53	731.08	0.50%
P-9	I5"HDPE	15'	721.50	721.40	0.66%	P-50	12"HDPE	71'	728.00	727.00	1.40%	P-93	I0"HDPE	17'	730.50	730.00	3.02%
P-10	15"HDPE	133'	721. <del>4</del> 0	720.50	0.68%	P-51	12"HDPE	36'	730.00	728.00	5.61%	P-94	I0"HDPE	88'	760.00	747.00	14.819
P-II	I0"HDPE	181'	721.50	720.60	0.50%	P-53	12"HDPE	87'	734.46	725.74	10.00%	P-95	I0"HDPE	4'	747.00	745.00	50.00
P-12	I2"HDPE	37'	720.60	720.41	0.52%	P-54	12"HDPE	113'	746.00	743.00	2.65%	P-96	I2"HDPE	89'	745.00	740.00	5.63%
P-13	18"HDPE	11'	720.25	720.00	2.26%	P-55	10"HDPE	50'	749.00	746.00	6.01%	P-97	I2"HDPE	23'	740.00	732.00	35.55
P-14	12"HDPE	65'	719.00	712.00	10.75%	P-56	10"HDPE	181'	759.20	749.00	5.64%	P-98	12"HDPE	26'	729.90	729.75	0.59%
P-15	I0"HDPE	181'	732.00	728.50	1.94%	P-57	24"HDPE	15'	718.75	718.50	1.70%	P-99	I2"HDPE	13'	718.00	715.50	18.539
P-16	I2"HDPE	23'	729.00	728.75	1.08%	P-58	18"HDPE	49'	721.75	719.50	4.62%	P-100	I0"HDPE	105'	734.00	733.47	0.519
P-17	I2"HDPE	24'	728.75	728.50	1.05%	P-59	15"HDPE	23'	722.50	722.00	2.14%	P-101	I2"HDPE	30'	732.50	731.00	5.04%
P-18	12"HDPE	20'	728.50	728.00	2.56%	P-60	15"HDPE	111'	732.00	723.00	8.07%	P-102	12"HDPE	5'	711.03	711.00	0.50%
P-19	12"HDPE	188'	733.00	731.00	1.06%	P-61	12"HDPE	41'	733.00	732.25	1.84%	P-104	18"HDPE	76'	765.00	757.00	10.509
P-20	I2"HDPE	35'	731.00	730.00	2.88%	P-62	12"HDPE	16'	734.00	733.50	3.19%	P-105	18"HDPE	67'	756.00	750.00	8.98%
P-21	I2"HDPE	119'	729.00	723.00	5.05%	P-63	10"HDPE	113'	737.50	734.00	3.09%	P-106	18"HDPE	199'	750.00	737.00	6.53%
P-22	12"HDPE	40'	723.00	722.00	2.48%	P-64	12"HDPE	64'	736.00	732.25	5.83%	P-107	18"HDPE	92'	734.00	731.00	3.26%
P-23	12"HDPE	39'	720.00	718.00	5.19%	P-65	12"HDPE	32'	738.00	736.00	6.18%	P-108	I2"HDPE	91'	710.50	710.00	0.55%
P-24	I0"HDPE	136'	714.00	713.25	0.55%	P-66	12"HDPE	97'	744.75	738.00	6.96%	P-109	I2"HDPE	47'	710.00	709.00	2.11%
P-25	I2"HDPE	19'	713.25	713.00	1.33%	P-67	12"HDPE	23'	745.00	744.75	1.09%	P-110	I2"HDPE	55'	708.75	708.00	1.36%
P-26	15"HDPE	10'	709.02	709.00	0.26%	P-68	12"HDPE	16'	745.50	745.00	3.11%	P-111	12"HDPE	8'	708.50	708.25	3.15%
P-28	12"HDPE	45'	714.00	711.50	5.56%	P-69	10"HDPE	106'	750.50	745.50	4.73%	P-199	I5"HDPE	137'	718.65	716.25	1.75%
P-29	I0"HDPE	181'	714.00	710.25	2.07%	P-70	15"HDPE	60'	728.00	722.00	10.07%	P-200	12"HDPE	25'	716.25	716.00	1.01%
P-30	12"HDPE	21'	710.25	710.00	1.19%	P-71	12"HDPE	22'	728.25	728.00	1.14%	P-201	I5"HDPE	25'	715.25	711.73	14.219
P-31	I2"HDPE	41'	71 <b>4</b> .50	714.00	1.22%	P-72	12"HDPE	100'	730.75	728.30	2.44%	P-202	15"HDPE	66'	715.75	713.50	3.429
P-32	I2"HDPE	6'	711.04	711.00	0.73%	P-73	12"HDPE	16'	731.50	731.00	3.18%	P-203	I2"HDPE	24'	726.57	726.51	0.249
P-33	I0"HDPE	98'	716.00	715.50	0.51%	P-74	10"HDPE	75'	733.00	731.50	2.01%	P-204	12"HDPE	23'	726.41	723.50	12.40
P-34	12"HDPE	31'	715.50	714.00	4.86%	P-75	12"HDPE	23'	731.25	731.00	1.10%						
P-35	I0"HDPE	186'	715.00	714.00	0.54%	P-76	12"HDPE	39'	732.75	731.25	3.83%						
P-36	12"HDPE	21'	714.00	713.75	1.19%	P-77	10"HDPE	91'	738.75	732.75	6.62%						
P-37	I0"HDPE	88'	723.00	720.00	3.41%	P-78	10"HDPE	22'	721.00	719.50	6.73%						
P-38	I0"HDPE	4'	720.00	719.00	25.00%	P-79	10"HDPE	158'	725.00	721.00	2.54%						
P-39	12"HDPE	94'	719.00	717.00	2.14%	P-80	15"HDPE	25'	719.00	718.50	2.01%						
P-40	12"HDPE	68'	717.00	714.00	4.39%	P-81	15"HDPE	73'	728.00	719.00	12.31%						
P-41	I2"HDPE	162'	713.00	710.00	1.86%	P-82	15"HDPE	92'	738.50	733.00	5.98%						

## LEGEND:

FFE = FINISH FLOOR ELEVATION GAR = GARAGE FLOOR ELEVATION

BSMT = BASEMENT FLOOR ELEVATION TW = GROUND ELEVATION AT TOP OF WALL

BW = GROUND ELEVATION AT BOTTOM OF WALL

### GENERAL GRADING NOTES:

- 1. PROPOSED GRADE ELEVATIONS SHOWN AT BUILDING LINE ARE GROUND ELEVATIONS. 2. PROPOSED WINDOW WELL ENCLOSURES SHALL BE INSTALLED A MINIMUM 6" ABOVE
- FINISHED GRADE (ALL SIDES). 3. GARAGE FLOOR ELEVATION TO FINISHED GRADE AT BUILDING LINE SHALL BE 8" MINIMUM.
- 4. GRADE AWAY FROM BUILDING LINE SHALL BE 2% MINIMUM AND 5% MAXIMUM FOR 15 FT.
- 5. SMALL WALLS MAY BE REQUIRED IN BETWEEN UNITS. THESE WALLS WILL NOT EXCEED 4 FEET AND THEREFORE DO NOT REQUIRE A DESIGN BY A LICENSED PROFESSIONAL
- ENGINEER. THE WALLS SHOULD BE CONSTRUCTED AS PER MANUFACTURERS
- 6. CURB AND SIDEWALK ARE TO BE DEPRESSED FOR THE LENGTH OF THE ENTIRE BUILDING
- FOR ALL PROPOSED BUILDINGS ON SITE.

7. SPOT ELEVATIONS IN PAVEMENT AREAS ARE TOP OF FINISHED PAVEMENT.

■ VIRGINIA TEXAS ■ FLORIDA ■ TENNESSEE ■ NORTH CAROLINA ■ COLORADO State of N.Y. C.O.A: 0008671 / 0008821 nly by the party for whom the services were contracted or to who distributed or relied upon for any other purpose without the expre PROTECT YOURSELF
ALL STATES REQUIRE NOTIFICATION OF EXCAVATORS, DESIGNERS, OR ANY PERSON PREPARING TO DISTURB THE EARTH'S SURFACE ANYWHERE IN ANY STATE (now what's below. Call before you dig. FOR STATE SPECIFIC DIRECT PHONE NUMBERS VISIT: WWW.CALL811.COM

Customer Loyalty through Client Satisfaction www.maserconsulting.com Office Locations: ■ NEW JERSEY ■ NEW MEXICO ■ NEW YORK ■ MARYLAND ■ PENNSYLVANIA ■ GEORGIA

NEW YORK LICENSED PROFESSIONAL ENGINEER - LICENSE NUMBER: 073555-1

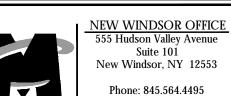
AMENDED SITE PLANS

WARWICK COMMONS STAGE 5,

TAX LOTS 218-1-91,92,93,94

& 96, 219-1-2.2 VILLAGE OF WARWICK

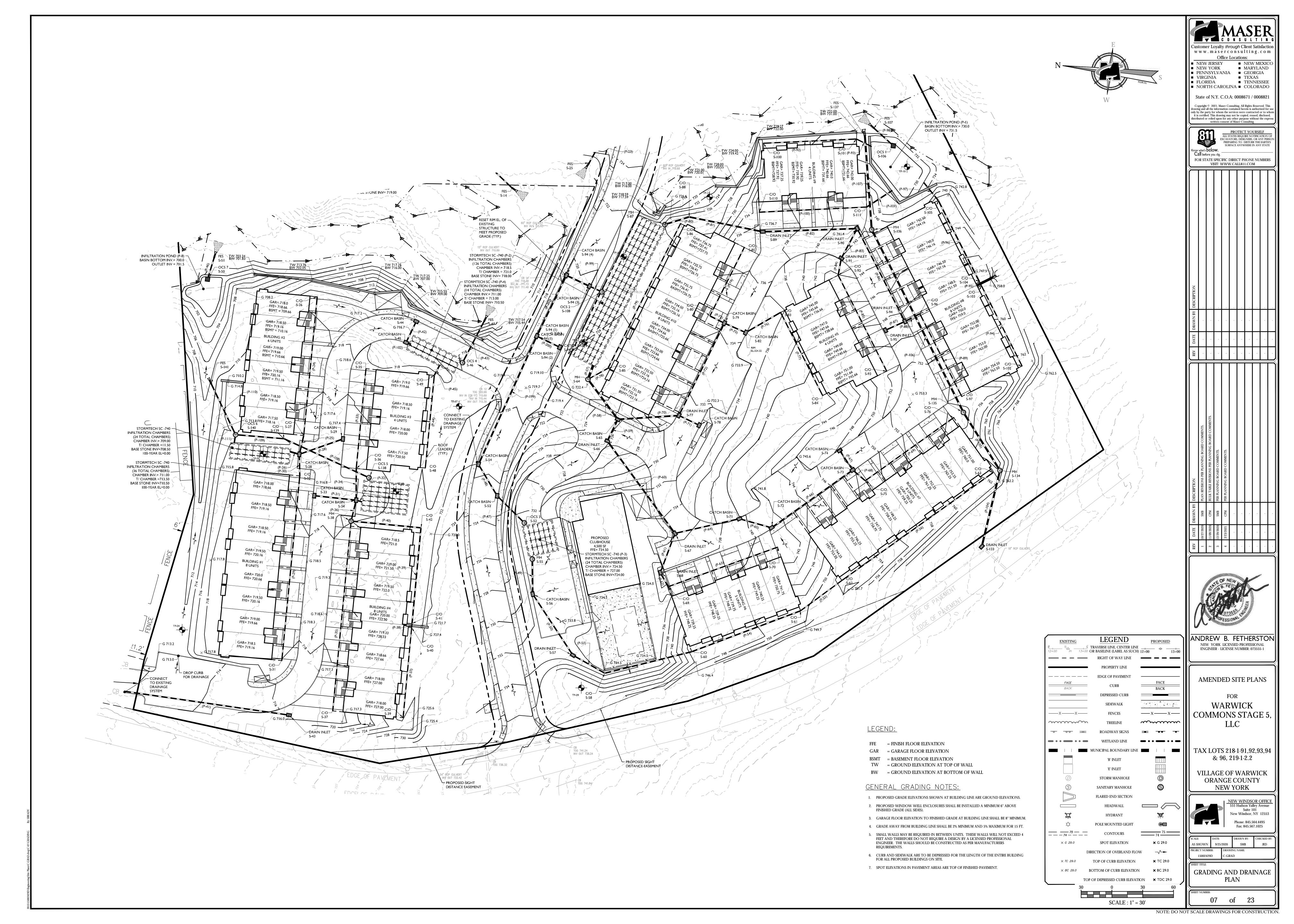
ORANGE COUNTY **NEW YORK** 

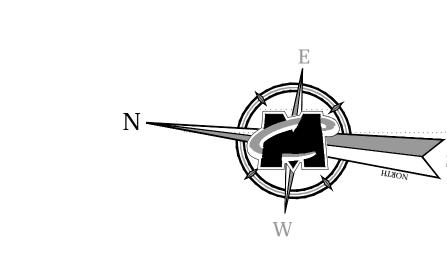


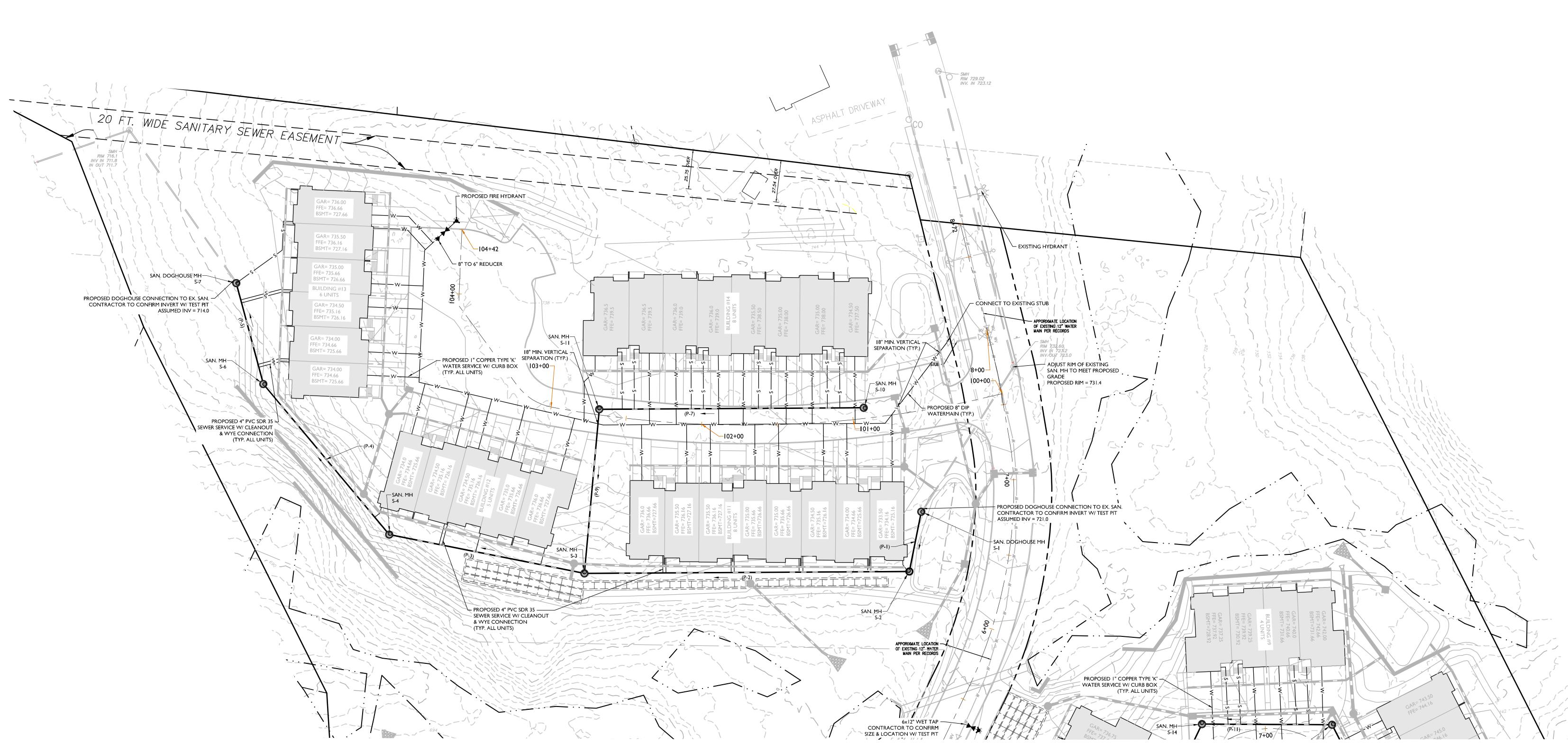
Suite 101 New Windsor, NY 12553 Phone: 845.564.4495 Fax: 845.567.1025

15002429D

GRADING AND DRAINAGE **PLAN** 







Proposed Sanitary Structure Table										
Structure I.D.	Description	Rim/Grate	Pipes (In)	Inverts (In)	Pipes (Out)	Inverts (Out)				
S-I	48 in. dia. CONED MH	728.27			8" SAN. PVC	721.00				
S-2	48 in. dia. CONED MH	725.64	8" SAN. PVC	720.00	8" SAN. PVC	719.90				
S-3	48 in. dia. CONED MH	726.73	8" SAN. PVC 8" SAN. PVC	718.81 723.96	8" SAN. PVC	718.70				
S-4	48 in. dia. CONED MH	723.71	8" SAN. PVC	718.04	8" SAN. PVC	717.90				
S-6	48 in. dia. CONED MH	724.56	8" SAN. PVC	717.22	8" SAN. PVC	717.12				
S-7	48 in. dia. CONED MH	722.00	8" SAN. PVC	716.78						
S-10	48 in. dia. CONED MH	733.13			8" SAN. PVC	731.09				
S-11	48 in. dia. CONED MH	735.78	8" SAN. PVC	730.19	8" SAN. PVC	730.49				
S-12	48 in. dia. CONED MH	750.66			8" SAN. PVC	745.66				
S-13	48 in. dia. CONED MH	741.90	8" SAN. PVC	736.90	8" SAN. PVC	736.80				
S-14	48 in. dia. CONED MH	736.78	8" SAN. PVC	731.70	8" SAN. PVC	731.60				
S-15	48 in. dia. CONED MH	730.27	8" SAN. PVC 8" SAN. PVC	726.40 726.40	8" SAN. PVC	726.00				
S-16	48 in. dia. CONED MH	753.36			8" SAN. PVC	746.25				
S-17	48 in. dia. CONED MH	743.26	8" SAN. PVC	738.00	8" SAN. PVC	737.92				
S-18	48 in. dia. CONED MH	738.42	8" SAN. PVC	733.40	8" SAN. PVC	733.30				
S-19	48 in. dia. CONED MH	725.82	8" SAN. PVC	719.90	8" SAN. PVC	719.68				
S-20	48 in. dia. CONED MH	719.89	8" SAN. PVC	716.00	8" SAN. PVC	715.90				
S-21	48 in. dia. CONED MH	716.70	8" SAN. PVC 8" SAN. PVC	713.98 712.00	8" SAN. PVC	711.90				
S-24	48 in. dia. CONED MH	717.82			8" SAN. PVC	713.39				
S-25	48 in. dia. CONED MH	716.61	8" SAN. PVC	709.36	8" SAN. PVC	709.26				
S-26	48 in. dia. CONED MH	718.42	8" SAN. PVC	708.65	8" SAN. PVC	708.55				
S-27	48 in. dia. CONED MH	705.00	8" SAN. PVC	700.33	8" SAN. PVC	700.23				
S-28	48 in. dia. CONED MH	695.00	8" SAN. PVC	690.33	8" SAN. PVC	690.00				

Proposed Sanitary Pipe Table									
Pipe I.D.	Description	Length	Invert Up	Invert Dn	Slope				
P-I	8"SAN. PVC	40'	721.00	720.00	2.49%				
P-2	8"SAN. PVC	214'	719.90	718.81	0.51%				
P-3	8"SAN. PVC	131'	718.70	718.04	0.50%				
P-4	8"SAN. PVC	129'	717.90	717.22	0.53%				
P-5	8"SAN. PVC	69'	717.12	716.78	0.50%				
P-7	8"SAN. PVC	174'	731.09	730.19	0.51%				
P-9	8"SAN. PVC	109'	730.49	723.96	6.01%				
P-10	8"SAN. PVC	118'	745.66	736.90	7.45%				
P-11	8"SAN. PVC	86'	736.80	731.70	5.95%				
P-12	8"SAN. PVC	228'	731.60	726.40	2.28%				
P-13	8"SAN. PVC	158'	746.25	738.00	5.23%				
P-14	8"SAN. PVC	76'	737.92	733.40	5.99%				
P-15	8"SAN. PVC	1111'	733.30	726.40	6.21%				
P-16	8"SAN. PVC	106'	726.00	719.90	5.76%				
P-17	8"SAN. PVC	123'	719.68	716.00	3.00%				
P-18	8"SAN. PVC	11 <i>7</i> '	715.90	713.98	1.64%				
P-21	8"SAN. PVC	139'	713.39	712.00	1.00%				
P-22	8"SAN. PVC	219'	711.90	709.36	1.16%				
P-27	8"SAN. PVC	61'	709.26	708.65	1.00%				
P-52	8"SAN. PVC	323'	708.55	700.33	2.55%				
P-90	8"SAN. PVC	199'	700.23	690.33	4.97%				
P-91	8"SAN. PVC	135'	690.00	685.00	3.69%				

	EXISTING	LEGEND	PROPOSED
<u>B_</u>	TL_A 13+0	$\frac{\underline{\mathscr{Q}}}{\phi}$ Traverse line, center line or baseline (label as such)	+ + + + + + + + + + + + + + + + + + +
-		RIGHT OF WAY LINE	
-		PROPERTY LINE	
-		EDGE OF PAVEMENT	
=	FACE BACK	CURB	FACE BACK
=		DEPRESSED CURB	
		SIDEWALK	A A A A A A A A A A A A A A A A A A A
_	xx	- FENCES	xx
	·····	TREELINE	~~~~~
	<del>• •• <u>•</u></del>	ROADWAY SIGNS	<b>=</b> •• •
-		WETLAND LINE	
		MUNICIPAL BOUNDARY LINE	
		'B' INLET	
		'E' INLET	====
		STORM MANHOLE	
	(\$)	SANITARY MANHOLE	S
		FLARED END SECTION	
		HEADWALL	
	$\not \square$	HYDRANT	×
	$\Diamond$	POLE MOUNTED LIGHT	
-	CATV ———	- CABLE TV CONDUIT	CATV
-	W	- WATER MAIN	W
-	G	- GAS MAIN	G
-		TELEPHONE CONDUIT	T
-	E	- ELECTRIC CONDUIT	——— Е ———
=		SANITARY PIPE	
[ =	======	STORM PIPE	

SCALE : 1'' = 30'

Customer Loyalty through Client Satisfaction www.maserconsulting.com Office Locations: ■ NEW JERSEY ■ NEW MEXICO ■ NEW YORK ■ MARYLAND ■ PENNSYLVANIA ■ GEORGIA ■ VIRGINIA TEXAS ■ FLORIDA ■ TENNESSEE ■ NORTH CAROLINA ■ COLORADO State of N.Y. C.O.A: 0008671 / 0008821 Copyright © 2021. Maser Consulting. All Rights Reserved. This drawing and all the information contained herein is authorized for use only by the party for whom the services were contracted or to whom it is certified. This drawing may not be copied, reused, disclosed, distributed or relied upon for any other purpose without the express written consent of Maser Consulting. PROTECT YOURSELF
ALL STATES REQUIRE NOTIFICATION OF
EXCAVATORS, DESIGNERS, OR ANY PERSO
PREPARING TO DISTURB THE EARTH'S
SURFACE ANYWHERE IN ANY STATE Know what's below.
Call before you dig. FOR STATE SPECIFIC DIRECT PHONE NUMBERS VISIT: WWW.CALL811.COM

ANDREW B. FETHERSTON

NEW YORK LICENSED PROFESSIONAL
ENGINEER - LICENSE NUMBER: 073555-1

AMENDED SITE PLANS

WARWICK COMMONS STAGE 5,

TAX LOTS 218-1-91,92,93,94

& 96, 219-1-2.2

VILLAGE OF WARWICK ORANGE COUNTY

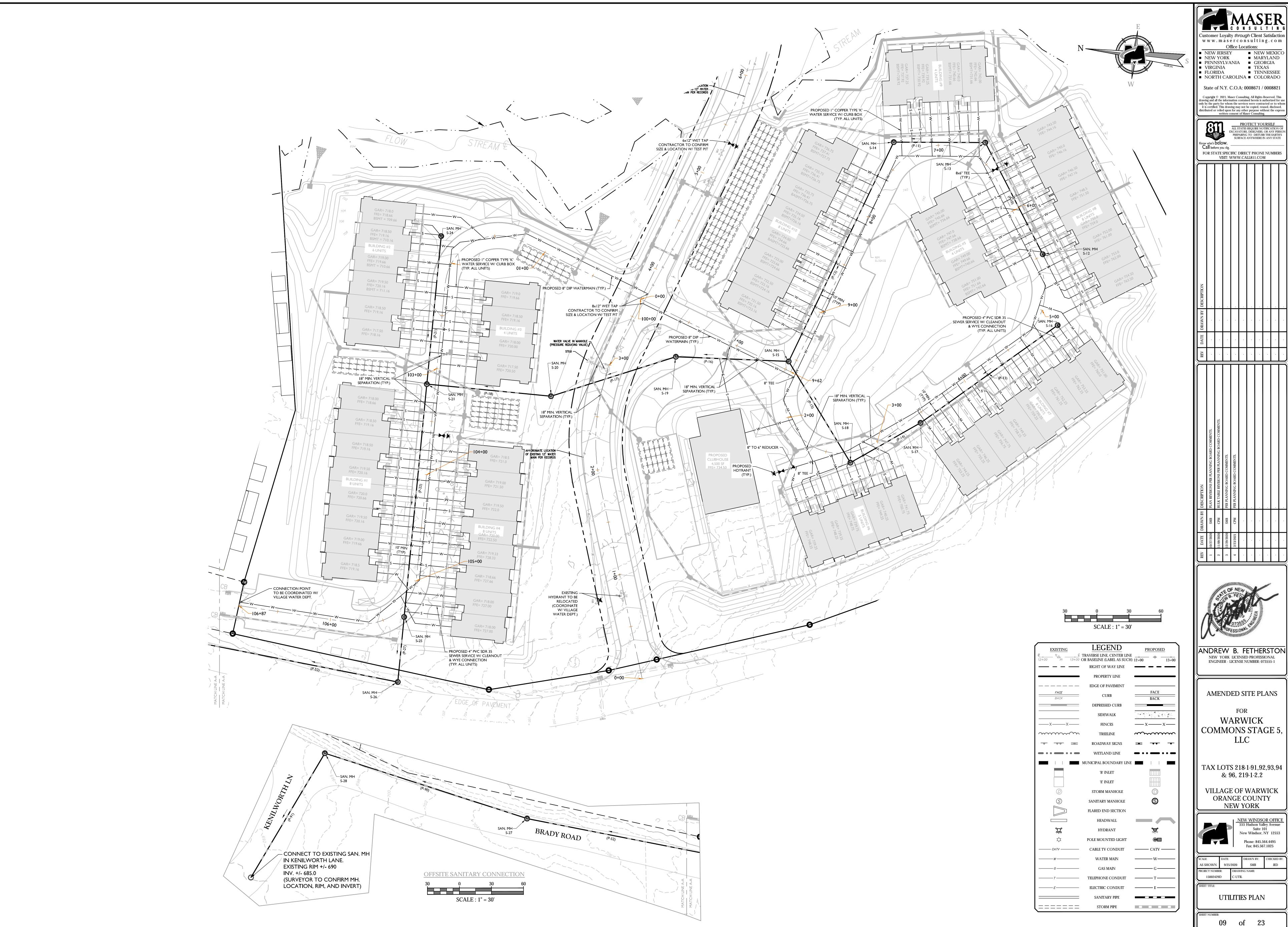


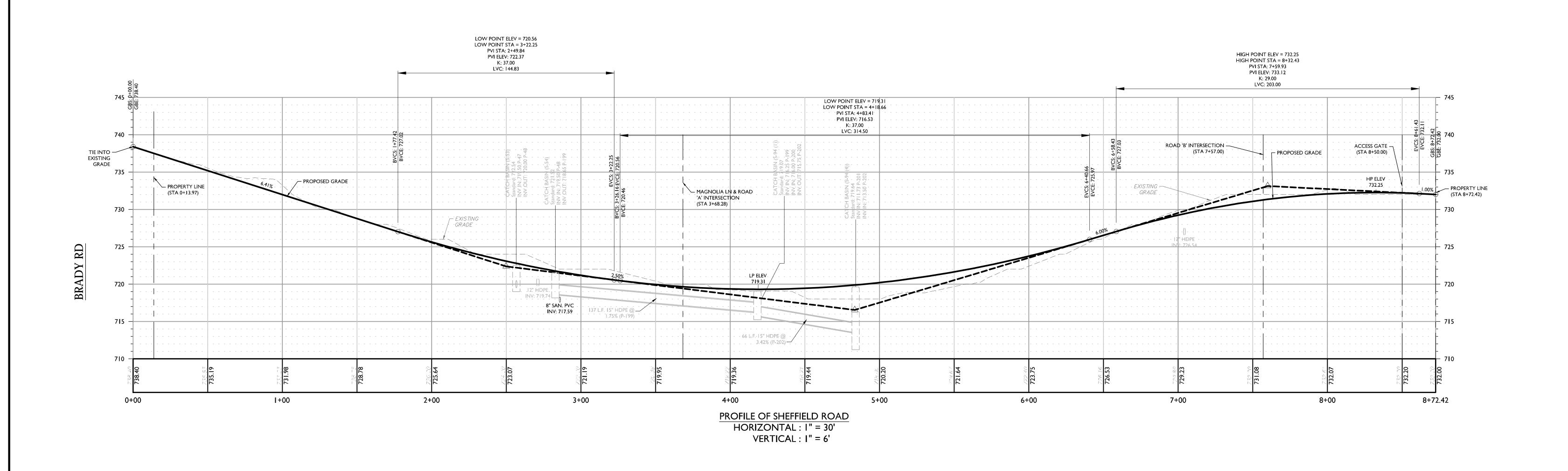
Phone: 845.564.4495 Fax: 845.567.1025

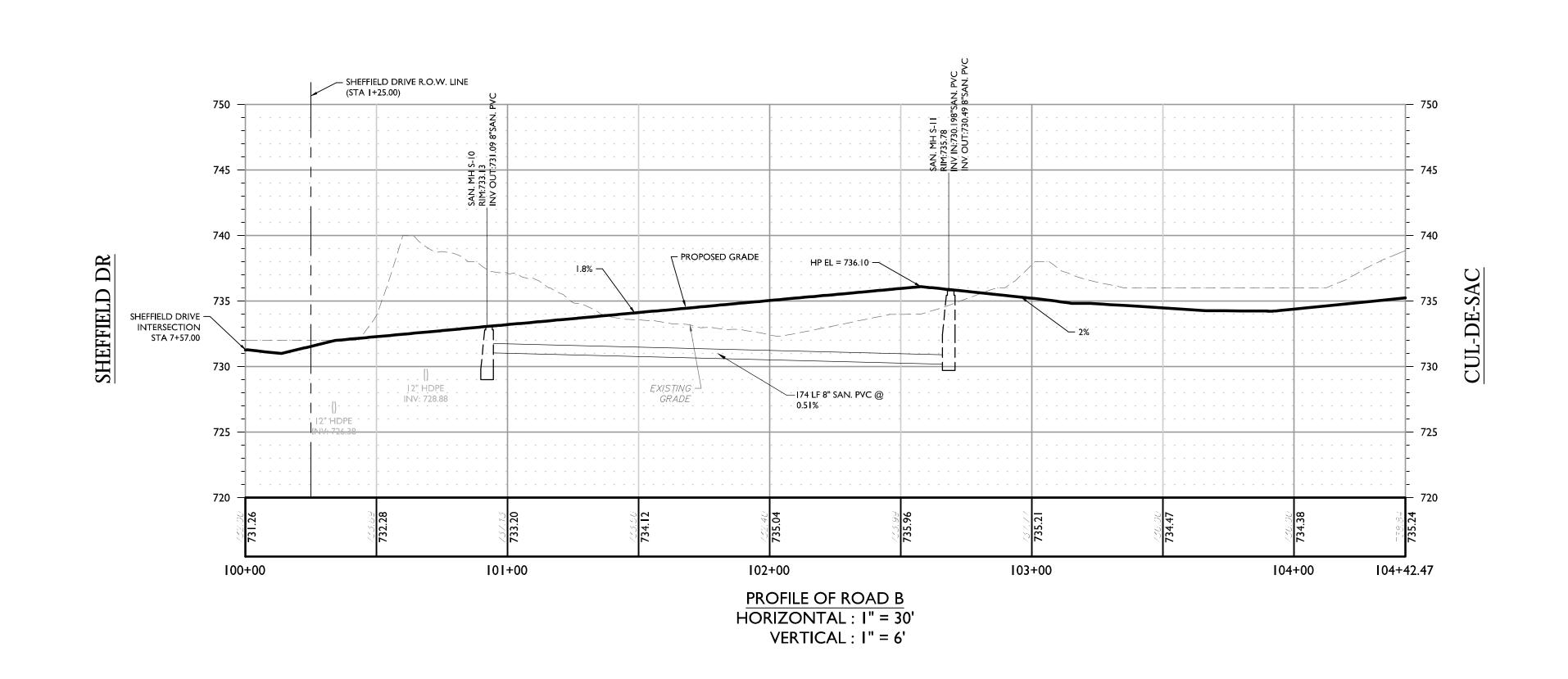
15002429D C-UTIL

UTILITIES PLAN

08 of 23







Customer Loyalty through Client Satisfaction www.maserconsulting.com Office Locations: ■ NEW JERSEY ■ NEW MEXICO ■ NEW YORK ■ MARYLAND ■ PENNSYLVANIA ■ GEORGIA ■ VIRGINIA TEXAS ■ FLORIDA ■ TENNESSEE ■ NORTH CAROLINA ■ COLORADO State of N.Y. C.O.A: 0008671 / 0008821 Copyright © 2021. Maser Consulting. All Rights Reserved. This drawing and all the information contained herein is authorized for use only by the party for whom the services were contracted or to whom distributed or relied upon for any other purpose without the expre PROTECT YOURSELF
ALL STATES REQUIRE NOTIFICATION OF
EXCAVATORS, DESIGNERS, OR ANY PERSO
PREPARING TO DISTURB THE EARTH'S
SURFACE ANYWHERE IN ANY STATE Know what's below.
Call before you dig. FOR STATE SPECIFIC DIRECT PHONE NUMBERS VISIT: WWW.CALL811.COM

ANDREW B. FETHERSTON

NEW YORK LICENSED PROFESSIONAL
ENGINEER - LICENSE NUMBER: 073555-1

AMENDED SITE PLANS

WARWICK COMMONS STAGE 5,

TAX LOTS 218-1-91,92,93,94 & 96, 219-1-2.2

VILLAGE OF WARWICK ORANGE COUNTY

**NEW YORK** 

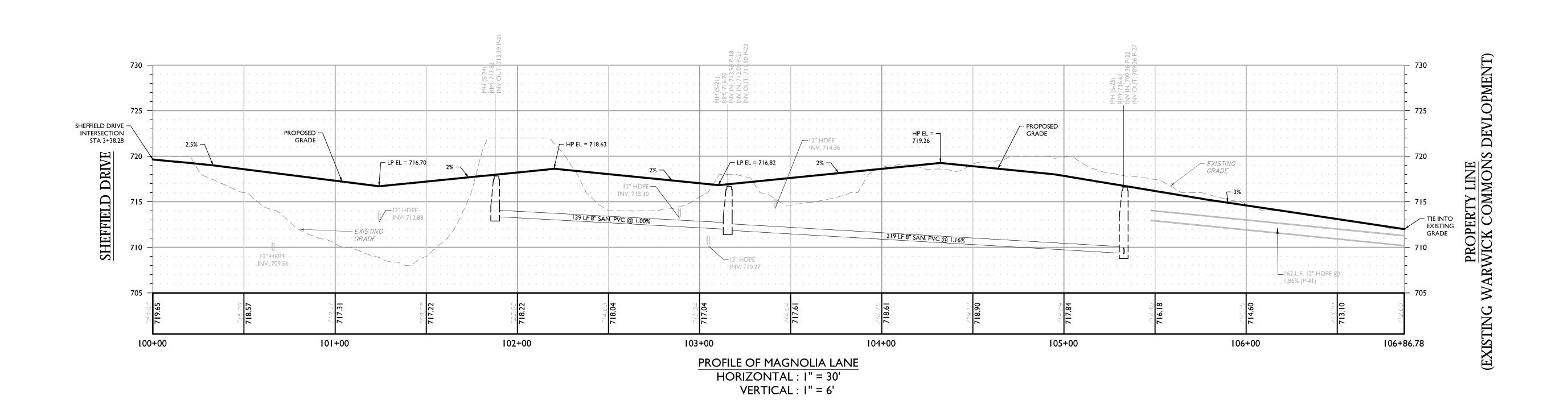


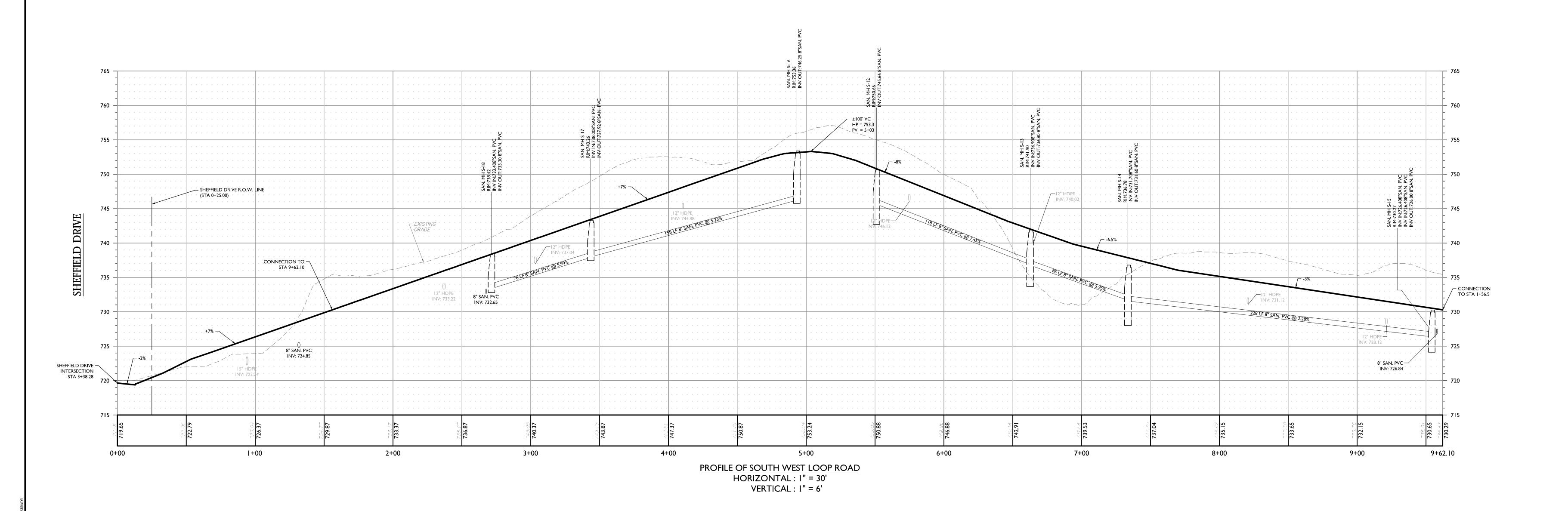
Suite 101 New Windsor, NY 12553 Phone: 845.564.4495 Fax: 845.567.1025

15002429D C-UTIL

ROAD PROFILES

10 of 23



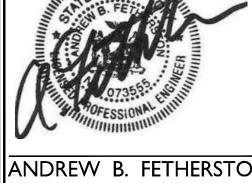


NOTE:

SURFACE PROFILES ARE TAKEN FROM THE CENTERLINE OF THE ROAD. ADJACENT

STRUCTURES MAY BE SHOWN ABOVE OR BELOW GRADE AS A RESULT. SANITARY MANHOLES ARE SHOWN AS THE OUTSIDE OF THE STRUCTURE. NO SUMP IS PROPOSED FOR THE SANITARY MANHOLES.

Customer Loyalty through Client Satisfaction www.maserconsulting.com Office Locations: ■ NEW JERSEY ■ NEW MEXICO ■ NEW YORK ■ MARYLAND ■ PENNSYLVANIA ■ GEORGIA ■ VIRGINIA TEXAS ■ FLORIDA ■ TENNESSEE ■ NORTH CAROLINA ■ COLORADO State of N.Y. C.O.A: 0008671 / 0008821 Copyright © 2021. Maser Consulting. All Rights Reserved. This drawing and all the information contained herein is authorized for use only by the party for whom the services were contracted or to whom it is certified. This drawing may not be copied, reused, disclosed, distributed or relied upon for any other purpose without the express written consent of Maser Consulting. PROTECT YOURSELF
ALL STATES REQUIRE NOTIFICATION OF
EXCAVATORS, DESIGNERS, OR ANY PERSO
PREPARING TO DISTURB THE EARTH'S
SURFACE ANYWHERE IN ANY STATE Know what's below.
Call before you dig. FOR STATE SPECIFIC DIRECT PHONE NUMBERS VISIT: WWW.CALL811.COM



NEW YORK LICENSED PROFESSIONAL ENGINEER - LICENSE NUMBER: 073555-1

AMENDED SITE PLANS

WARWICK COMMONS STAGE 5,

TAX LOTS 218-1-91,92,93,94 & 96, 219-1-2.2

VILLAGE OF WARWICK ORANGE COUNTY

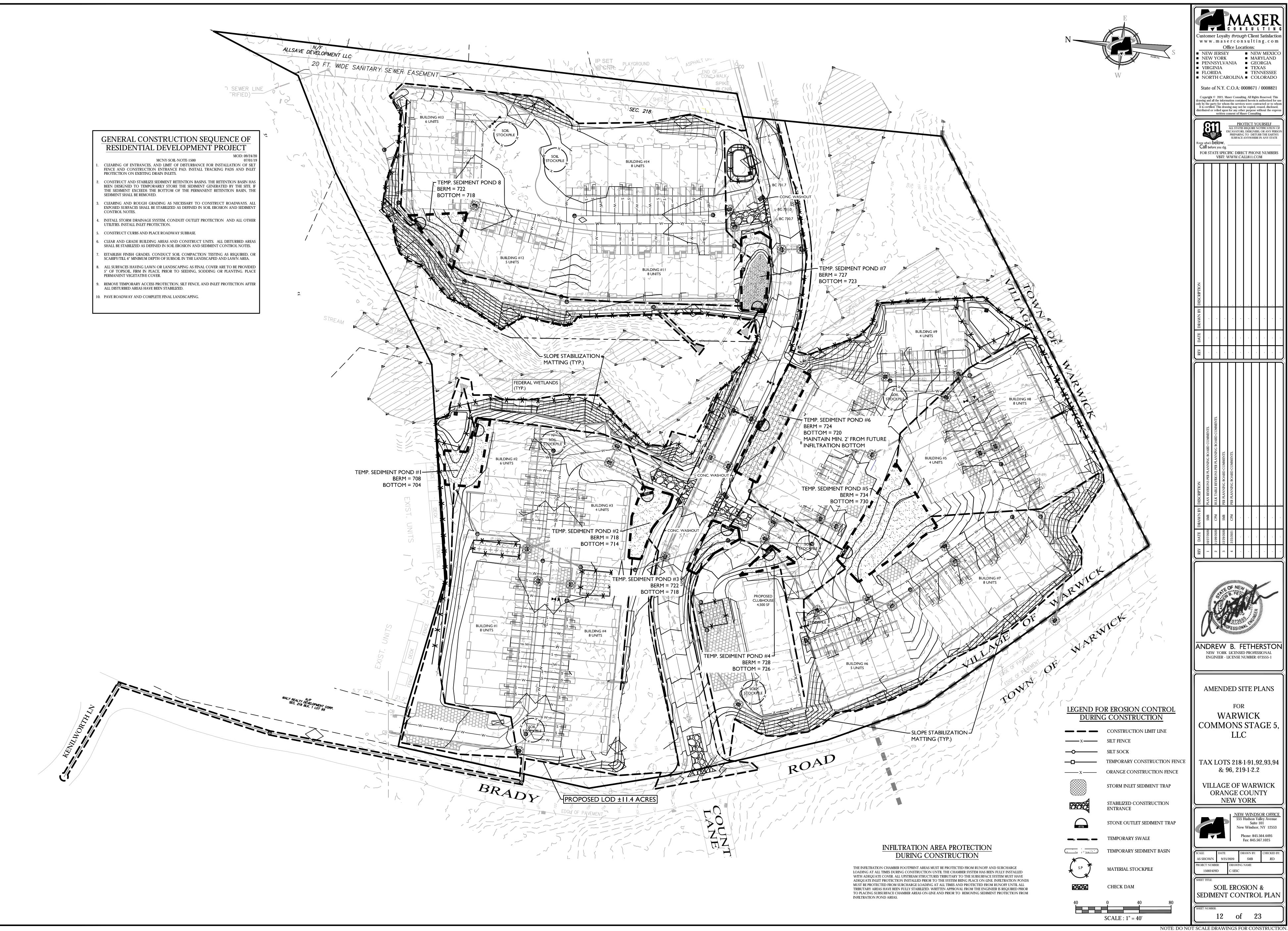


Phone: 845.564.4495 Fax: 845.567.1025

15002429D C-UTIL

ROAD PROFILES

11 of 23



andrew B. Fetherston

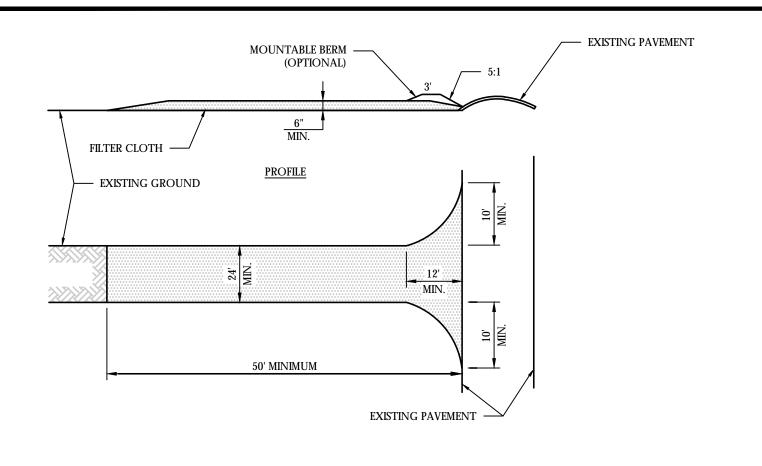
AMENDED SITE PLANS

TAX LOTS 218-1-91,92,93,94

ORANGE COUNTY

Suite 101 New Windsor, NY 12553 Phone: 845.564.4495 Fax: 845.567.1025

**SOIL EROSION &** SEDIMENT CONTROL PLAN



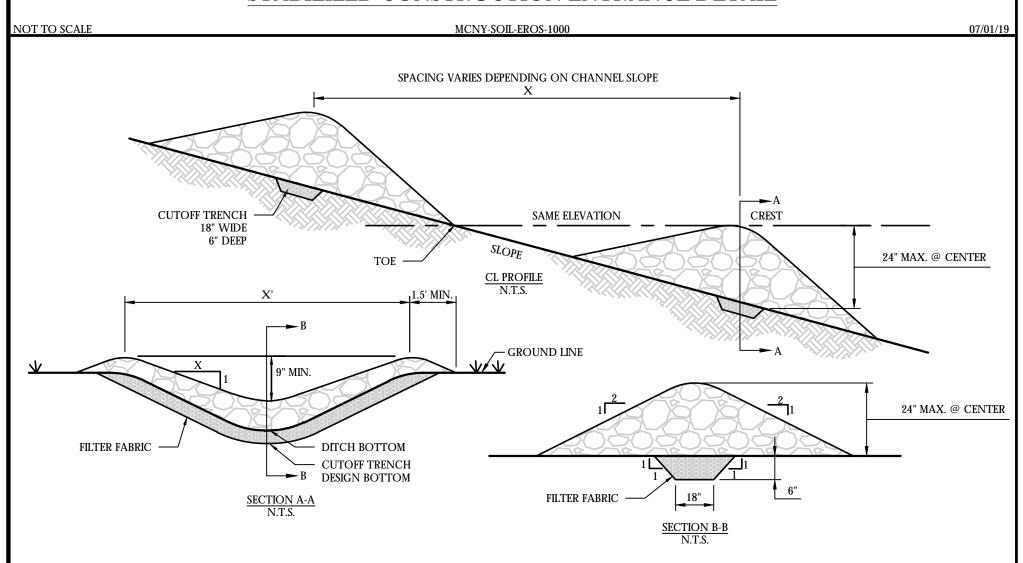
PLAN VIEW

- 1. STONE SIZE USE 2" STONE, OR RECLAIMED OR RECYCLED CONCRETE EQUIVALENT. LENGTH: NOT LESS THAN 50 FEET. THICKNESS: NOT LESS THAN (6) INCHES.
- 2. WIDTH 24'
- 3. FILTER CLOTH WILL BE PLACED OVER THE ENTIRE AREA PRIOR TO PLACING OF STONE.

SEDIMENT SPILLED, DROPPED, WASHED OR TRACKED ONTO PUBLIC RIGHTS-OF-WAY MUST BE REMOVED IMMEDIATELY.

- 4. SURFACE WATER ALL SURFACE WATER FLOWING OR DIVERTED TOWARD CONSTRUCTION ENTRANCES SHALL BE PIPED ACROSS THE ENTRANCE. IF PIPING IS IMPRACTICAL, A MOUNTING BERM WITH 5:1 SLOPES WILL BE PERMITTED.
- MAINTENANCE THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY. ALL
- 6. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH STONE AND WHICH DRAINS INTO AN APPROVED SEDIMENT TRAPPING DEVICE. PERIODIC INSPECTION AND NEEDED MAINTENANCE SHALL BE PROVIDED BY THE CONTRACTOR AS REQUIRED.

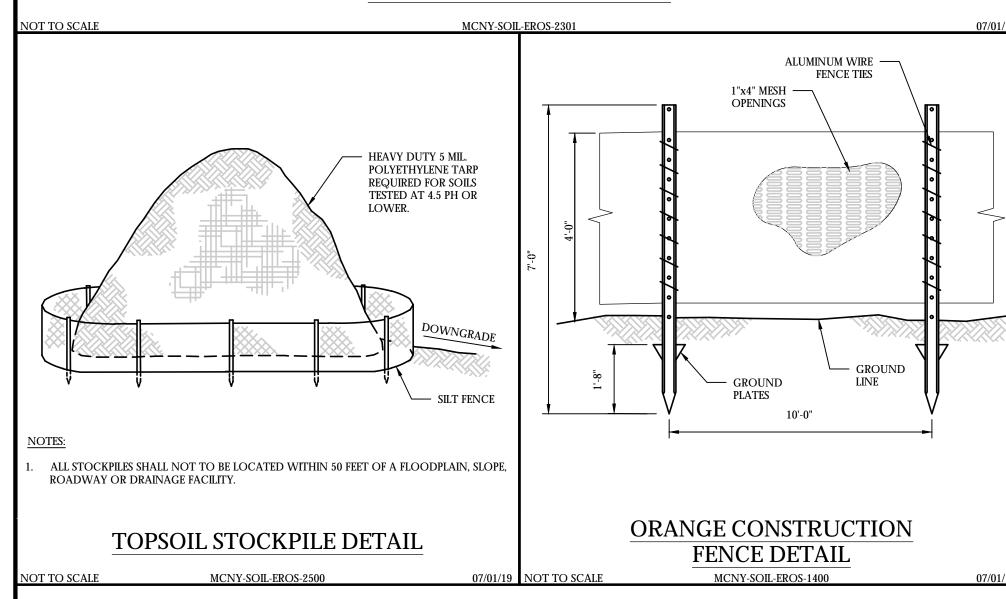
#### STABILIZED CONSTRUCTION ENTRANCE DETAIL

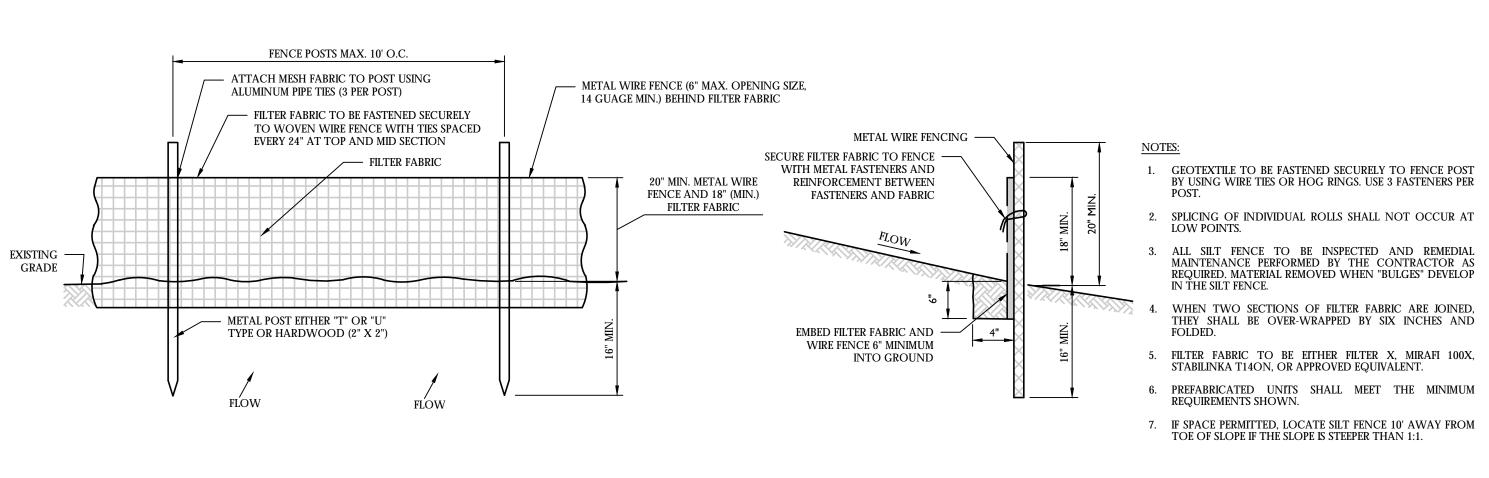


### CONSTRUCTION SPECIFICATIONS

- 1. STONE WILL BE PLACED ON A FILTER FABRIC FOUNDATION TO THE LINES, GRADES AND LOCATIONS SHOWN ON THE PLAN.
- SET SPACING OF CHECK DAMS TO ASSUME THAT THE ELEVATIONS OF THE CREST OF THE DOWNSTREAM DAM IS AT THE SAME ELEVATION OF THE TOE OF THE UPSTREAM DAM.
- 3. EXTEND THE STONE A MINIMUM OF 1.5 FEET BEYOND THE DITCH BANKS TO PREVENT CUTTING AROUND THE DAM.
- 4. PROTECT THE CHANNEL DOWNSTREAM OF THE LOWEST CHECK DAM FROM SCOUR AND EROSION WITH STONE OR LINER AS APPROPRIATE.
- ENSURE THAT CHANNEL APPURTENANCES SUCH AS CULVERT ENTRANCES BELOW CHECK DAMS ARE NOT SUBJECT TO DAMAGE OR BLOCKAGE FROM DISPLACED MAXIMUM DRAINAGE AREA: 2 ACRES

### STONE CHECK DAM DETAIL

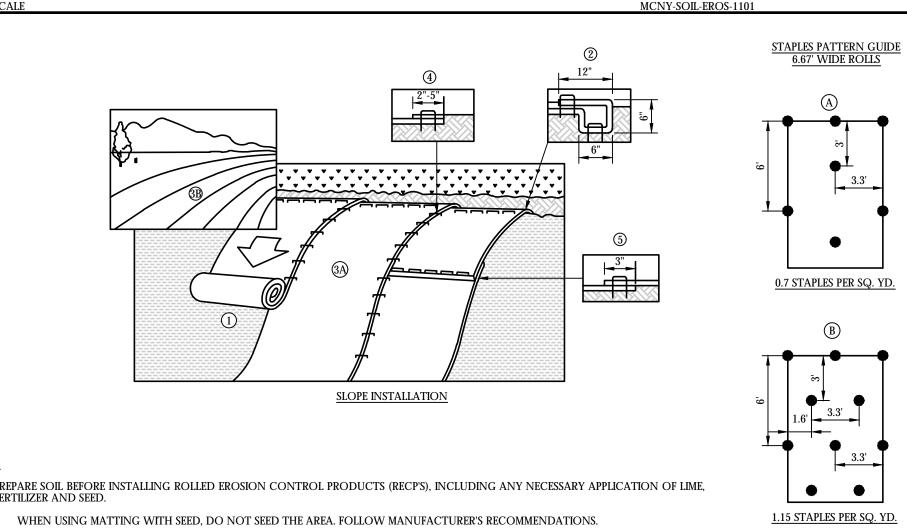




### REINFORCED SILT FENCE (WITH WIRE FENCE) DETAIL

1.7 STAPLES PER SQ. YD.

07/01/19 NOT TO SCALE



PREPARE SOIL BEFORE INSTALLING ROLLED EROSION CONTROL PRODUCTS (RECP'S), INCLUDING ANY NECESSARY APPLICATION OF LIME, FERTILIZER AND SEED.

- BEGIN AT THE TOP OF THE SLOPE BY ANCHORING THE RECP'S IN A 6" DEEP x 6" WIDE TRENCH WITH APPROXIMATELY 12" OF RECP'S EXTENDED BEYOND THE UP-SLOPE PORTION OF THE TRENCH. ANCHOR THE RECP'S WITH A ROW OF STAPLES/STAKES APPROXIMATELY 12" APART IN THE BOTTOM OF THE TRENCH. BACKFILL AND COMPACT THE TRENCH AFTER STAPLING. APPLY SEED TO COMPACTED SOIL AND FOLD REMAINING 12" PORTION OF RECP'S BACK OVER SEED AND COMPACTED SOIL. SECURE RECP'S OVER COMPACTED SOIL WITH A ROW OF STAPLES/STAKES SPACED APPROXIMATELY 12" APART ACROSS THE WIDTH OF THE RECP'S. ROLL THE RECP'S (A) DOWN OR (B) HORIZONTALLY STEP BY STEP ACROSS THE SLOPE TAMPERING IT DOWN ALONG THE WAY RECP'S SHALL UNROLL WITH APPROPRIATE SIDE TIGHTLY AGAINST THE SOIL SURFACE. RECP'S MUST BE SECURELY FASTENED TO SOIL SURFACE BY PLACING STAPLES/STAKES IN APPROPRIATE LOCATIONS AS SHOWN IN THE STAPLE PATTERN GUIDE. WHEN USING THE DOT SYSTEM,
- THE EDGES OF PARALLEL RECP'S MUST BE STAKED WITH APPROXIMATELY 2" TO 5" OVERLAP DEPENDING ON RECP'S TYPE. 5. CONSECUTIVE RECP'S SPLICED DOWN THE SLOPE MUST BE PLACED END OVER END (SHINGLE STYLE) WITH AN APPROXIMATE 3" OVERLAP. STAPLE THROUGH OVERLAPPED AREA, APPROXIMATELY 12" APART ACROSS ENTIRE RECP'S WIDTH. \* IN LOOSE SOIL CONDITIONS, THE USE OF STAPLE OR STAKE LENGTHS GREATER THAN 6" MAY BE NECESSARY TO PROPERLY SECURE

50 FT

65 FT

80 FT

FLATTER

THAN 1:5

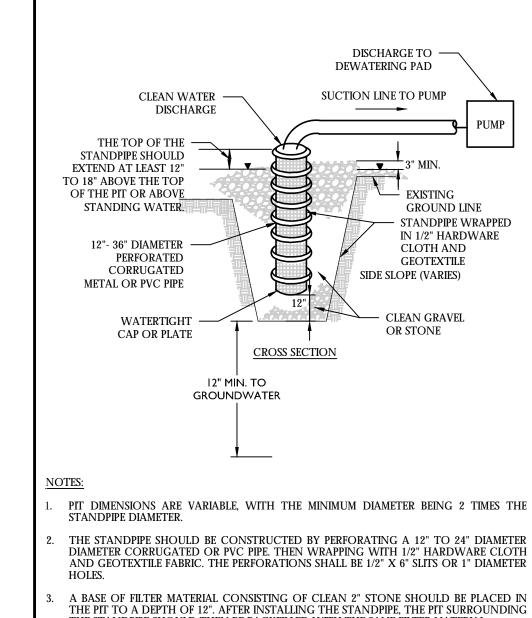
SILT FENCE INSTALLATION DETAIL

(WHEN NOT PARALLEL TO CONTOURS)

MCNY-SOIL-EROS-1103

STAPLES/STAKESSHOULD BE PLACED THROUGH EACH OF THE COLORED DOTS CORRESPONDING TO THE APPROPRIATE STAPLE PATTERN.

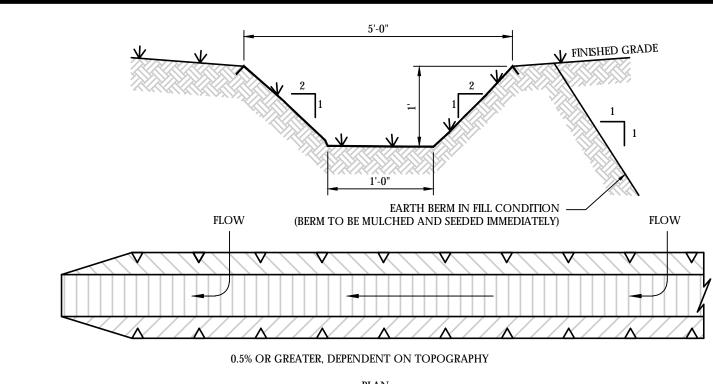
## EROSION MATTING (CURLEX ENFORCER I) DETAIL



THE STANDPIPE SHOULD THEN BE BACKFILLED WITH THE SAME FILTER MATERIAL. THE STANDPIPE SHOULD EXTEND 12" TO 18" ABOVE THE LIP OF THE PIT OR THE RISER CREST ELEVATION (BASIN DEWATERING ONLY) AND THE FILTER MATERIAL SHOULD EXTEND 3" MINIMUM ABOVE THE ANTICIPATED STANDING WATER ELEVATION.

### SUMP PIT DETAIL

MCNY-SOIL-EROS-1900



TO BE INSTALLED ABOVE DISTURBED AREAS, TO DIVERT RUNOFF OFF-SITE WITHOUT INCREASING EROSION; INTERMITTENTLY ACROSS DISTURBED AREAS, TO SHORTEN OVERLAND FLOW DISTANCES; BELOW DISTURBED AREAS, TO DIVERT SEDIMENT-LADEN WATER TO A SEDIMENT TRAPPING DEVICE; AND TO SAFELY TRANSPORT RUNOFF ALONG ROADWAYS.

\* WHERE SWALE TRAVERSES CONSTRUCTION VEHICLE PATH, DEPTH TO BE 6". SEE PLAN FOR

#### INSTALLATION NOTES:

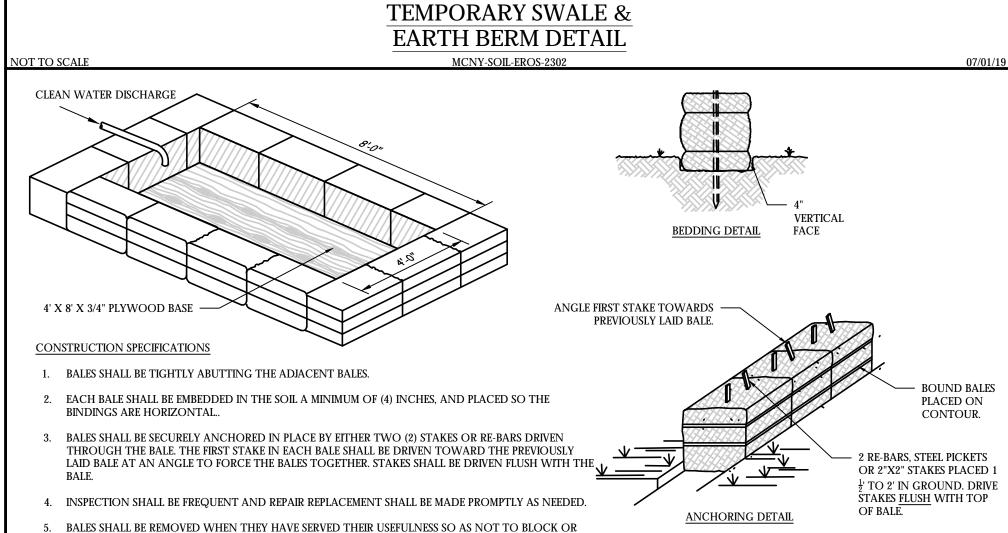
1. ALL SWALES SHALL HAVE UNINTERRUPTED POSITIVE GRADE TO AN OUTLET.

6. FILLS SHALL BE COMPACTED BY EARTH MOVING EQUIPMENT.

IMPEDE STORM FLOW OR DRAINAGE.

- 2. DIVERTED RUNOFF FROM A DISTURBED AREA SHALL BE CONVEYED TO A SEDIMENT TRAPPING DEVICE.
- 3. DIVERTED RUNOFF FROM AN UNDISTURBED AREA SHALL OUTLET DIRECTLY INTO AN UNDISTURBED STABILIZED AREA AT NON-EROSIVE VELOCITY. 4. ALL TREES, BRUSH, STUMPS, OBSTRUCTIONS AND OTHER OBJECTIONABLE MATERIAL SHALL BE REMOVED AND DISPOSED OF SO AS NOT TO INTERFERE WITH THE PROPER
- FUNCTIONING OF THE SWALE.
- 5. THE SWALE SHALL BE EXCAVATED OR SHAPED TO LINE, GRADE AND CROSS SECTION AS REQUIRED TO MEET THE CRITERIA SPECIFIED HEREIN AND BE FREE OF BANK PROJECTIONS OR OTHER IRREGULARITIES WHICH WILL IMPEDE NORMAL FLOW.
- 7. ALL EARTH REMOVED AND NOT NEEDED FOR CONSTRUCTION SHALL BE PLACED SO AS NOT TO INTERFERE WITH THE FUNCTIONING OF THE SWALE. 8. INSPECTION AND MAINTENANCE MUST BE PROVIDED BY THE CONTRACTOR AS REQUIRED

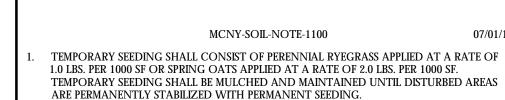
### 9. STABILIZATION SHALL BE SEED AND STRAW MULCH.



### DEWATERING PAD DETAIL

MCNY-SOIL-EROS-180





MIXTURE - HARD FESCUE 120 LBS/ACRE PERENNIAL RYE GRASS 30 LBS/ACRE

PERMANENT SEEDING TO BE APPLIED BY RAKING OR DRILLING INTO THE SOILS AT A RATE OF 150# PER ACRE, SLOPED AREA TO BE COVERED WITH MULCH AS INDICATED IN

FERTILIZER FOR THE ESTABLISHMENT OF TEMPORARY AND PERMANENT VEGETATIVE COVER SHALL BE IN COMPLIANCE WITH THE LATEST NYSDEC REGULATIONS. A SOIL TEST PRIOR TO FERTILIZER APPLICATION IS RECOMMENDED. IF SEASON PREVENTS THE ESTABLISHMENT OF TEMPORARY OR PERMANENT SEEDING,

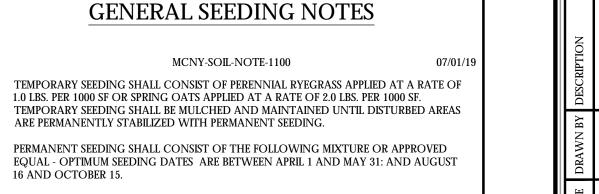
EXPOSED AREA TO BE STABILIZED WITH MULCH AS INDICATED IN NOTE 6. MULCH TO CONSIST OF SMALL GRAIN STRAW OR SALT HAY ANCHORED WITH A WOOD AND FIBER MULCH BINDER OR AN APPROVED EQUAL, MULCH WILL BE SPREAD AT RATES OF 90 TO 115 LBS. PER 1000 SF AND ANCHORED WITH A MULCH ANCHORING TOOL OR LIQUID MULCH BINDER, AND SHALL BE PROVIDED ON ALL SEEDINGS. HYDROMULCH SHALL ONLY BE USED DURING OPTIMUM GROWING SEASONS.

WORK LIME AND FERTILIZER INTO SOIL AS NEARLY AS PRACTICAL TO A DEPTH OF 4 INCHES WITH A DISC, SPRINGTOOTH HARROW, OR OTHER SUITABLE EQUIPMENT. THI FINAL HARROWING OR DISCING OPERATION SHOULD BE ON ON THE GENERAL CONTOUR. CONTINUE TILLAGE UNTIL A REASONABLY UNIFORM, FINE SEEDBED IS PREPARED. ALL BUT CLAY OR SILTY SOILS AND COARSE SANDS SHOULD BE ROLLED TO FIRM THE SEEDBED WHEREVER FEASIBLE.

REMOVE FROM THE SURFACE ALL STONES TWO INCHES OR LARGER IN ANY DIMENSION REMOVE ALL OTHER DEBRIS, SUCH AS WIRE, CABLE, TREE ROOTS, PIECES OF CONCRETE, CLODS, LUMPS, OR OTHER UNSUITABLE MATERIAL.

INSPECT SEEDBED JUST BEFORE SEEDING. IF TRAFFIC HAS LEFT THE SOIL COMPACTED, THE AREA MUST BE RETILLED AND FIRMED AS ABOVE.





KENTUCKY BLUE GRASS (BLEND) 40 LBS/ACRE



www.maserconsulting.com

Office Locations:

■ NEW JERSEY ■ NEW MEXICO

■ PENNSYLVANIA ■ GEORGIA

■ NORTH CAROLINA ■ COLORADO

State of N.Y. C.O.A: 0008671 / 0008821

rawing and all the information contained herein is authorized for t

it is certified. This drawing may not be copied, reused, disclosed

written consent of Maser Consulting.

FOR STATE SPECIFIC DIRECT PHONE NUMBERS VISIT: WWW.CALL811.COM

MARYLAND

TENNESSEE

TEXAS

XCAVATORS, DESIGNERS, OR ANY PERSO Preparing to disturb the Earth's

SURFACE ANYWHERE IN ANY STAT

NEW YORK

VIRGINIA

■ FLORIDA

andrew B. Fetherston NEW YORK LICENSED PROFESSIONAL ENGINEER - LICENSE NUMBER: 073555-1

AMENDED SITE PLANS

**COMMONS STAGE 5,** 

TAX LOTS 218-1-91,92,93,94 & 96, 219-1-2.2

VILLAGE OF WARWICK ORANGE COUNTY NEW YORK

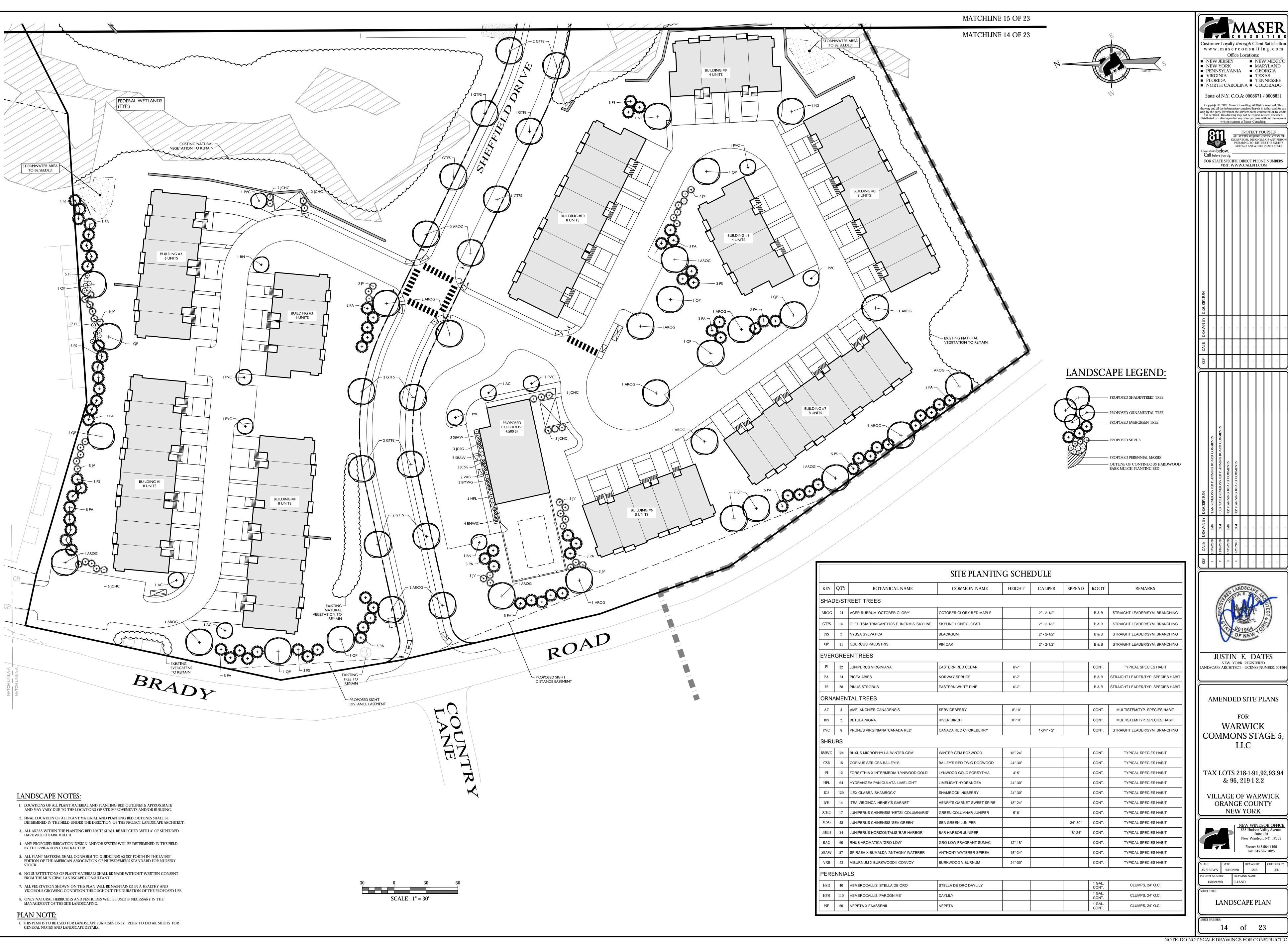


Suite 101 New Windsor, NY 12553 Phone: 845.564.4495

SMB

SOIL EROSION & SEDIMENT CONTROL DETAILS

13 of 23



LANDSCAPE PLAN NOTE: DO NOT SCALE DRAWINGS FOR CONSTRUCTION.

FOR

LLC

NEW WINDSOR OFFICE 555 Hudson Valley Avenue

Suite 101 New Windsor, NY 12553

Phone: 845.564.4495

Fax: 845.567.1025

SMB

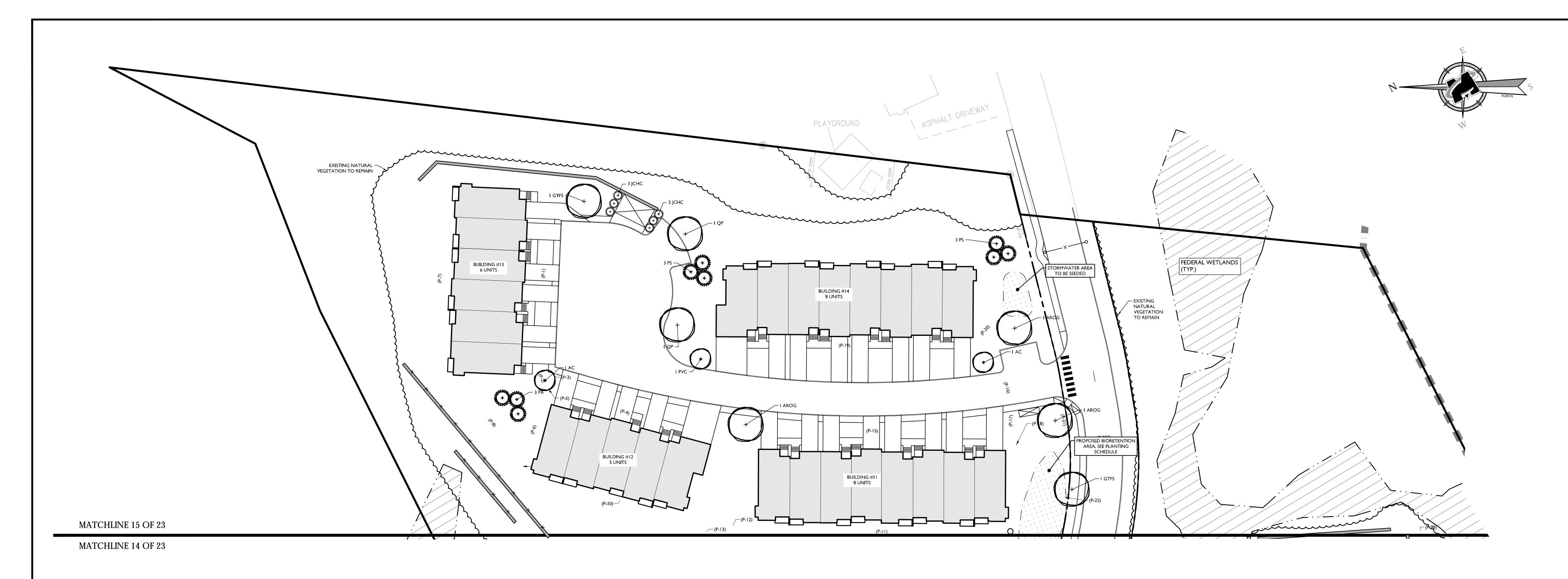
DRAWING NAME:

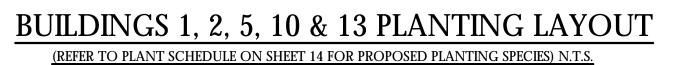
MARYLAND

TEXAS

PROTECT YOURSELF
ALL STATES REQUIRE NOTIFICATION OF
EXCAVATORS, DESIGNERS, OR ANY PERSO
PREPARING TO DISTURB THE EARTH'S
SURFACE ANYWHERE IN ANY STATE

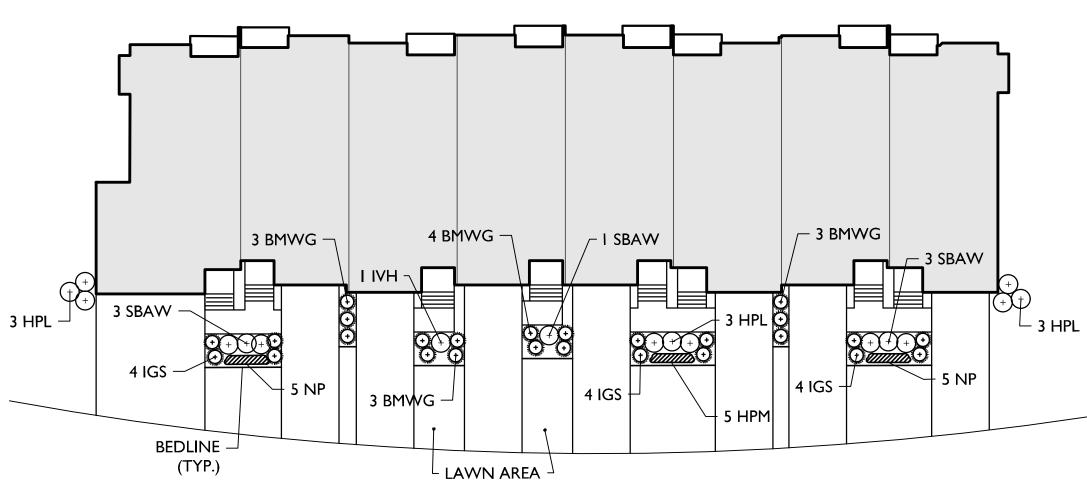
■ TENNESSEE





\_ I IVH \_ 3 VXB \_ 3 VXB 3 BMWG 5 HPM BEDLINE (TYP.) └ 5 HSD 5 HPM 3 IGS ─

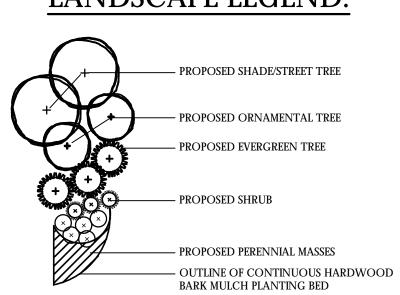
### BUILDINGS 6, 7, 9, 11, 12, & 14 PLANTING LAYOUT (REFER TO PLANT SCHEDULE ON SHEET 14 FOR PROPOSED PLANTING SPECIES) N.T.S.



### BUILDINGS 3, 4, & 8 PLANTING LAYOUT (REFER TO PLANT SCHEDULE ON SHEET 14 FOR PROPOSED PLANTING SPECIES) N.T.S.

	3 VXB	I VXB	3 SBAW 4 BMW	G 3 VXB
4 JHBH	4 BMWG —	0 0 0 0 0 4 JCS0		<u>+ + + + + + + + + + + + + + + + + + + </u>
5 HPM <sup>⊥</sup>	3 IGS	_AWN AREA \	HSD — BEDLINE (TYP.)	5 HPM

## LANDSCAPE LEGEND:



TYPICAL BIORETENTION AREA PLANT SCHEDULE

18"-24"

HEIGHT CALIPER SPREAD ROOT

COMMON NAME

RIVER BIRCH

RED CHOKEBERRY

ARROWWOOD VIBURNUM

NEW ENGLAND ASTER

TUFTED HAIR GRASS

CONEFLOWER

COMMON RUSH

**BOTANICAL NAME** 

3 BETULA NIGRA

ARONIA ARBUTIFOLIRA

VIBURNUM DENTATUM

PERENNIALS

30 ASTER NOVAE ANGLIAE

120 DESCHAMPSIA CESPITOSA

30 ECHINACEA PURPUREA

120 JUNCUS EFFUSUS

CLETHRA ALNIFOLIA 'HUMMINGBIRD'



Customer Loyalty through Client Satisfaction www.maserconsulting.com Office Locations: ■ NEW JERSEY ■ NEW MEXICO ■ NEW YORK ■ MARYLAND ■ PENNSYLVANIA ■ GEORGIA

■ NORTH CAROLINA ■ COLORADO

State of N.Y. C.O.A: 0008671 / 0008821

drawing and all the information contained herein is authorized for us

only by the party for whom the services were contracted or to whom it is certified. This drawing may not be copied, reused, disclosed, distributed or relied upon for any other purpose without the expr written consent of Maser Consulting.

FOR STATE SPECIFIC DIRECT PHONE NUMBERS VISIT: WWW.CALL811.COM

TEXAS

PROTECT YOURSELF
ALL STATES REQUIRE NOTIFICATION OF
EXCAVATORS, DESIGNERS, OR ANY PERSON
PREPARING TO DISTURB THE EARTH'S
SURFACE ANYWHERE IN ANY STATE

■ TENNESSEE

■ VIRGINIA

■ FLORIDA

Know what's **below.**Call before you dig.

JUSTIN E. DATES

NEW YORK REGISTERED
LANDSCAPE ARCHITECT - LICENSE NUMBER: 001964

AMENDED SITE PLANS

WARWICK COMMONS STAGE 5,

LLC

TAX LOTS 218-1-91,92,93,94

& 96, 219-1-2.2 VILLAGE OF WARWICK

ORANGE COUNTY **NEW YORK** 



Suite 101 New Windsor, NY 12553 Phone: 845.564.4495 Fax: 845.567.1025

AS SHOWN 9/25/2020 SMB DRAWING NAME: 15002429D

LANDSCAPE PLAN

L_		

#### 8. ONLY NATURAL HERBICIDES AND PESTICIDES WILL BE USED IF NECESSARY IN THE MANAGEMENT OF THE SITE LANDSCAPING.

LANDSCAPE NOTES:

BY THE IRRIGATION CONTRACTOR.

FROM THE MUNICIPAL LANDSCAPE CONSULTANT.

PLAN NOTE: 1. THIS PLAN IS TO BE USED FOR LANDSCAPE PURPOSES ONLY. REFER TO DETAIL SHEETS FOR GENERAL NOTES AND LANDSCAPE DETAILS.

1. LOCATIONS OF ALL PLANT MATERIAL AND PLANTING BED OUTLINES IS APPROXIMATE AND MAY VARY DUE TO THE LOCATIONS OF SITE IMPROVEMENTS AND/OR BUILDING.

2. FINAL LOCATION OF ALL PLANT MATERIAL AND PLANTING BED OUTLINES SHALL BE

DETERMINED IN THE FIELD UNDER THE DIRECTION OF THE PROJECT LANDSCAPE ARCHITECT.

3. ALL AREAS WITHIN THE PLANTING BED LIMITS SHALL BE MULCHED WITH 3" OF SHREDDED

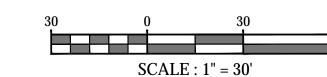
4. ANY PROPOSED IRRIGATION DESIGN AND/OR SYSTEM WILL BE DETERMINED IN THE FIELD

6. NO SUBSTITUTIONS OF PLANT MATERIALS SHALL BE MADE WITHOUT WRITTEN CONSENT

VIGOROUS GROWING CONDITION THROUGHOUT THE DURATION OF THE PROPOSED USE.

7. ALL VEGETATION SHOWN ON THIS PLAN WILL BE MAINTAINED IN A HEALTHY AND

5. ALL PLANT MATERIAL SHALL CONFORM TO GUIDELINES AS SET FORTH IN THE LATEST EDITION OF THE AMERICAN ASSOCIATION OF NURSERYMEN'S STANDARD FOR NURSERY



REMARKS

MULTI-STEM

TYPICAL SPECIES HABIT

TYPICAL SPECIES HABIT

TYPICAL SPECIES HABIT

TYPICAL SPECIES HABIT

CLUMPS, 24" O.C.

CLUMPS, 12" O.C.

CLUMPS, 24" O.C.

CLUMPS, 12" O.C.

CONT. TYPICAL SPECIES HABIT

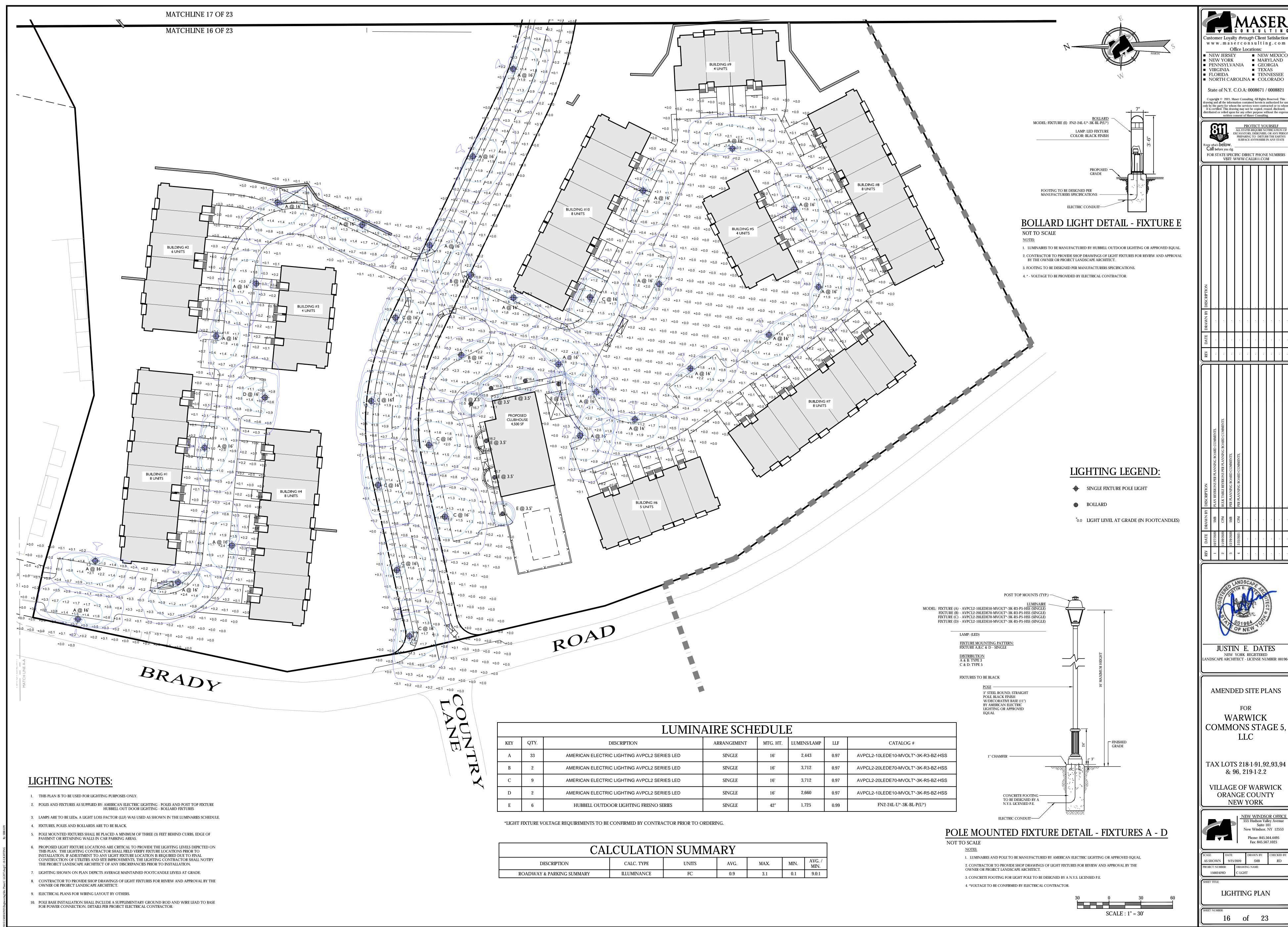
CONT.

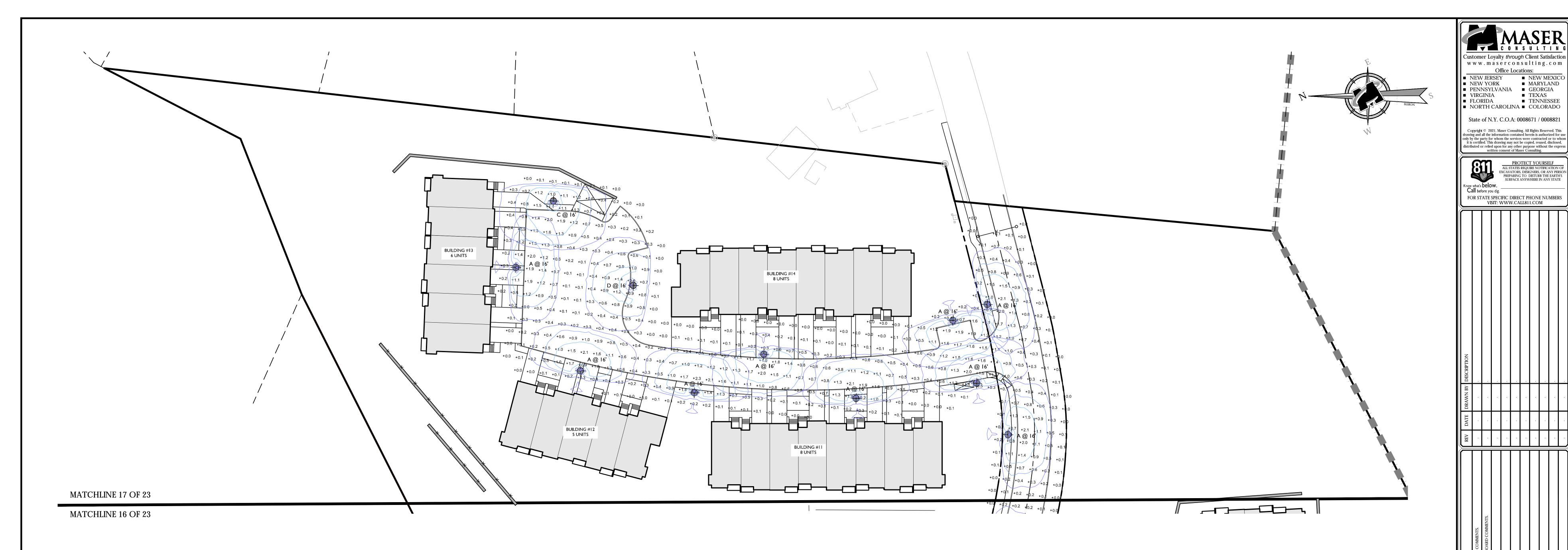
1 GAL. CONT.

#SP4 CONT.

1 GAL. CONT.

#SP4 CONT.





### LIGHTING LEGEND:

- SINGLE FIXTURE POLE LIGHT
- BOLLARD

†0.0 LIGHT LEVEL AT GRADE (IN FOOTCANDLES)



Office Locations:

PROTECT YOURSELF
ALL STATES REQUIRE NOTIFICATION OF
EXCAVATORS, DESIGNERS, OR ANY PERSON
PREPARING TO DISTURB THE EARTH'S
SURFACE ANYWHERE IN ANY STATE

VISIT: WWW.CALL811.COM

JUSTIN E. DATES

NEW YORK REGISTERED
LANDSCAPE ARCHITECT - LICENSE NUMBER: 001964

AMENDED SITE PLANS

WARWICK COMMONS STAGE 5,

TAX LOTS 218-1-91,92,93,94 & 96, 219-1-2.2

VILLAGE OF WARWICK ORANGE COUNTY **NEW YORK** 



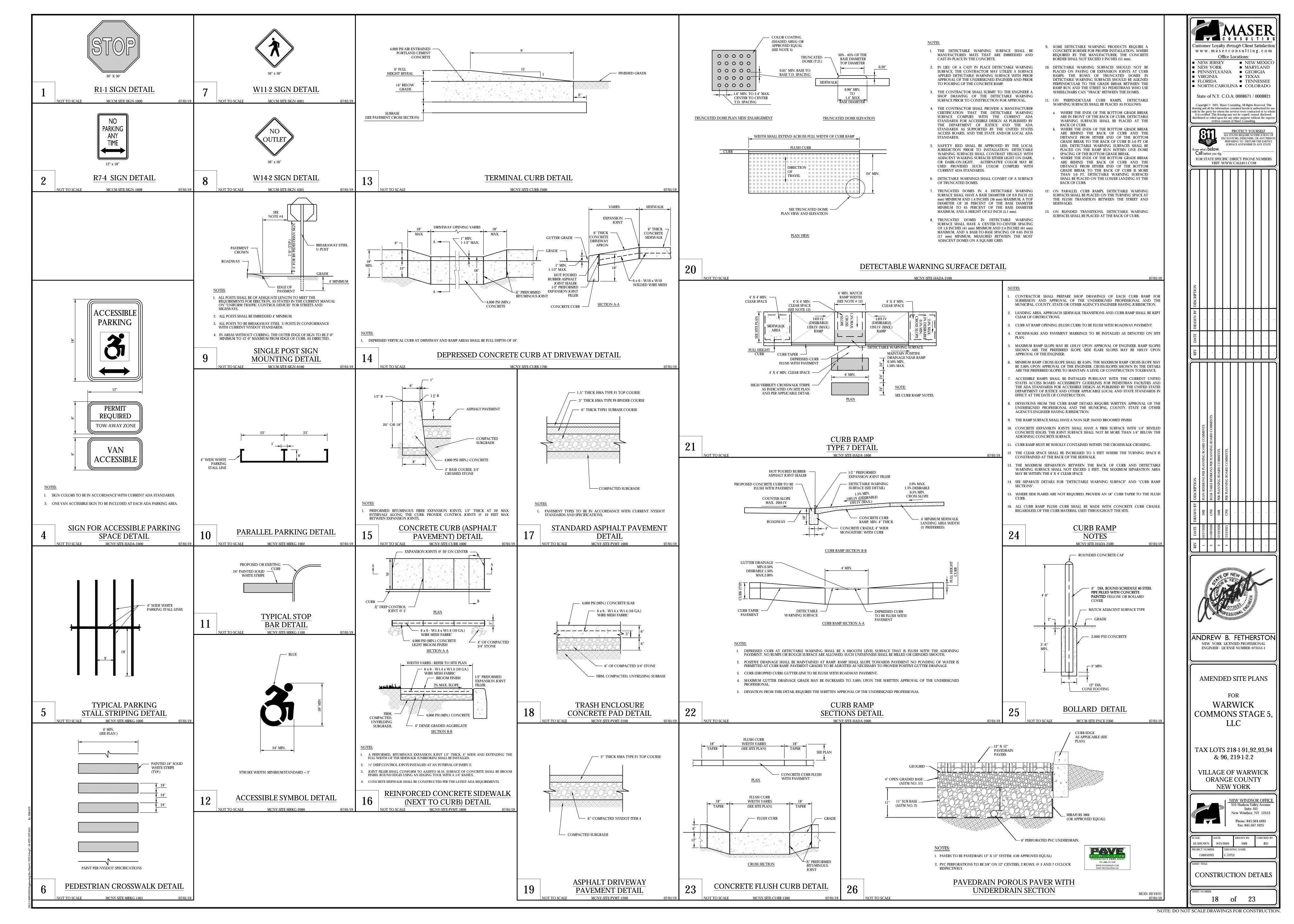
Suite 101 New Windsor, NY 12553 Phone: 845.564.4495 Fax: 845.567.1025

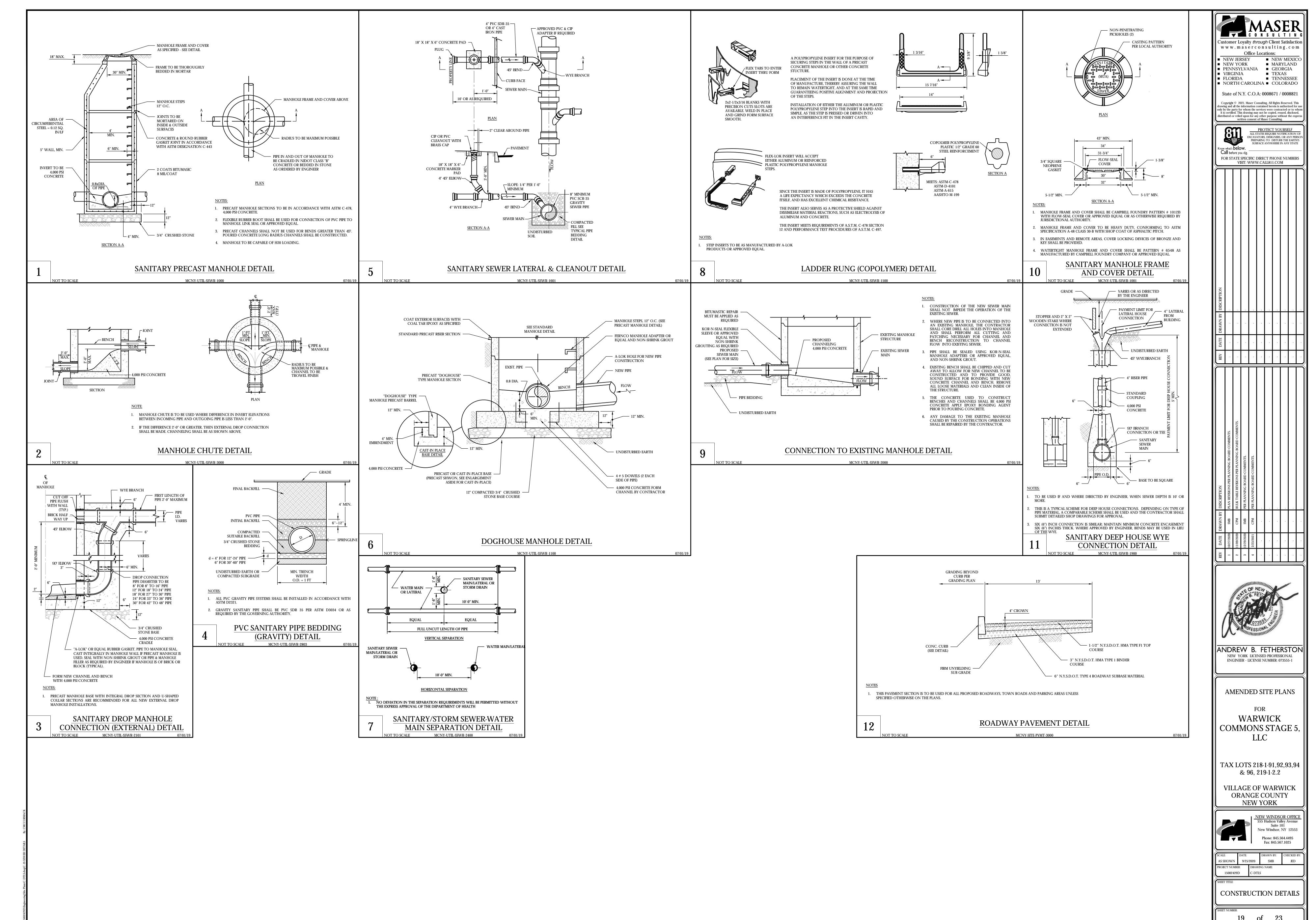
15002429D

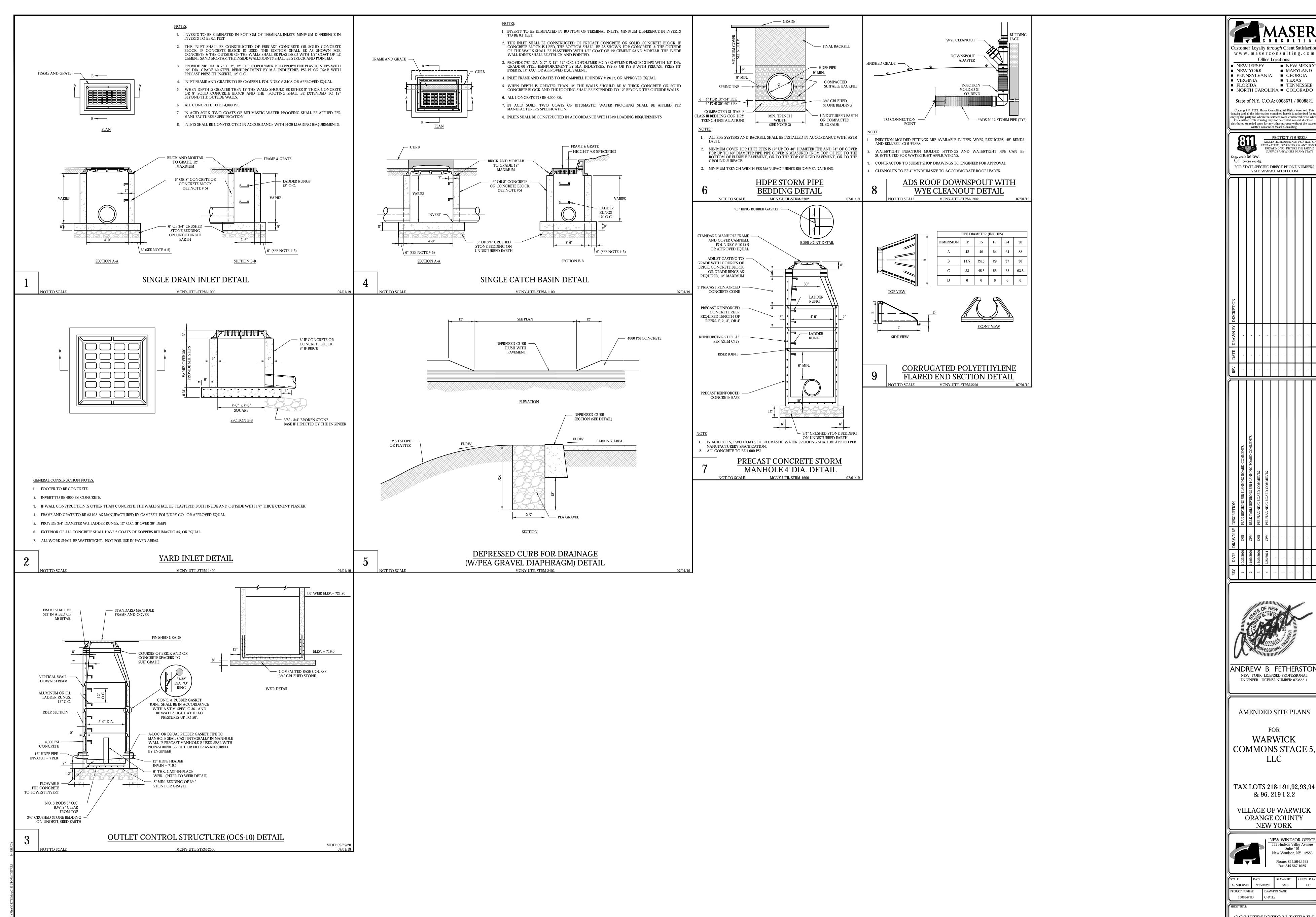
LIGHTING PLAN

LIGHTING NOTES:

- 1. THIS PLAN IS TO BE USED FOR LIGHTING PURPOSES ONLY.
- 2. POLES AND FIXTURES AS SUPPLIED BY: AMERICAN ELECTRIC LIGHTING POLES AND POST TOP FIXTURE HUBBELL OUT DOOR LIGHTING - BOLLARD FIXTURES
- 3. LAMPS ARE TO BE LEDs. A LIGHT LOSS FACTOR (LLF) WAS USED AS SHOWN IN THE LUMINARIES SCHEDULE.
- 4. FIXTURES, POLES AND BOLLARDS ARE TO BE BLACK.
- 5. POLE MOUNTED FIXTURES SHALL BE PLACED A MINIMUM OF THREE (3) FEET BEHIND CURBS, EDGE OF PAVEMNT OR RETAINING WALLS IN CAR PARKING AREAS.
- 6. PROPOSED LIGHT FIXTURE LOCATIONS ARE CRITICAL TO PROVIDE THE LIGHTING LEVELS DEPICTED ON THIS PLAN. THE LIGHTING CONTRACTOR SHALL FIELD VERIFY FIXTURE LOCATIONS PRIOR TO INSTALLATION. IF ADJUSTMENT TO ANY LIGHT FIXTURE LOCATION IS REQUIRED DUE TO FINAL CONSTRUCTION OF UTILITIES AND SITE IMPROVEMENTS, THE LIGHTING CONTRACTOR SHALL NOTIFY THE PROJECT LANDSCAPE ARCHITECT OF ANY DISCREPANCIES PRIOR TO INSTALLATION.
- 7. LIGHTING SHOWN ON PLAN DEPICTS AVERAGE MAINTAINED FOOTCANDLE LEVELS AT GRADE.
- 8. CONTRACTOR TO PROVIDE SHOP DRAWINGS OF LIGHT FIXTURES FOR REVIEW AND APPROVAL BY THE OWNER OR PROJECT LANDSCAPE ARCHITECT.
- 9. ELECTRICAL PLANS FOR WIRING LAYOUT BY OTHERS. 10. POLE BASE INSTALLATION SHALL INCLUDE A SUPPLEMENTARY GROUND ROD AND WIRE LEAD TO BASE FOR POWER CONNECTION. DETAILS PER PROJECT ELECTRICAL CONTRACTOR.







andrew b. fetherston NEW YORK LICENSED PROFESSIONAL ENGINEER - LICENSE NUMBER: 073555-1 AMENDED SITE PLANS WARWICK **COMMONS STAGE 5,** TAX LOTS 218-1-91,92,93,94 & 96, 219-1-2.2 VILLAGE OF WARWICK ORANGE COUNTY **NEW YORK** NEW WINDSOR OFFICE 555 Hudson Valley Avenue Suite 101 New Windsor, NY 12553 Phone: 845.564.4495 SMB 15002429D CONSTRUCTION DETAILS NOTE: DO NOT SCALE DRAWINGS FOR CONSTRUCTION

Office Locations:

written consent of Maser Consulting.

VISIT: WWW.CALL811.COM

MARYLAND

TEXAS

EXCAVATORS, DESIGNERS, OR ANY PERSO Preparing to disturb the Earth's

SURFACE ANYWHERE IN ANY STATE

TENNESSEE

