

### TOWN OF NEWBURGH PLANNING BOARD TECHNICAL REVIEW COMMENTS

PROJECT NAME:MATRIX 1-84 DISTRIBUTION CENTER- SITE PLANPROJECT NO.:22-29PROJECT LOCATION:SECTION 86, BLOCK 1, LOT 97/ ROUTE 17K<br/>SECTION 89, BLOCK 1, LOTS 66 & 69.11REVIEW DATE:14 JULY 2023MEETING DATE:20 JULY 2023PROJECT REPRESENTATIVE:LANGAN ENGINEERING

- 1. Lead Agency Notice of Intent was circulated on 7 December 2022. The Planning Board declared itself Lead Agency for SEQRA review.
- 2. A Stormwater Pollution Prevention Plan has been submitted which is under review by this office.
- 3. Easements and legal documents regarding the emergency access drive through the Auto Auction site will be required.
- 4. Extensive retaining walls continue to be proposed on the site.
- 5. The Code Enforcement Departments comments on the 20 foot wide emergency access drive should be received. It is unclear if aerial access width is required.
- 6. A Tree Preservation Plan has been submitted upon anticipated changes to the Town Code. These changes have yet to be adopted.
- 7. Portions of the site are located within the flight path of the Stewart Airport runways. FAA signoff on the project will be required.
- 8. A City of Newburgh Flow Acceptance letter is required.
- 9. The discharge from dry detention basin B is directed towards the state highway. The ultimate discharge location of this pipe should be evaluated with regard to capacity. Rims and inverts of the pipe crossing Route 17K near the Toyota of Newburgh access point should be provided.
- 10. Health Department approval for watermains with hydrants is required.
- 11. Fire protection water systems should address issues regarding water hammer within the water system which have been experienced by other warehouse operations along Route 17K.

### NEW YORK OFFICE

### PENNSYLVANIA OFFICE

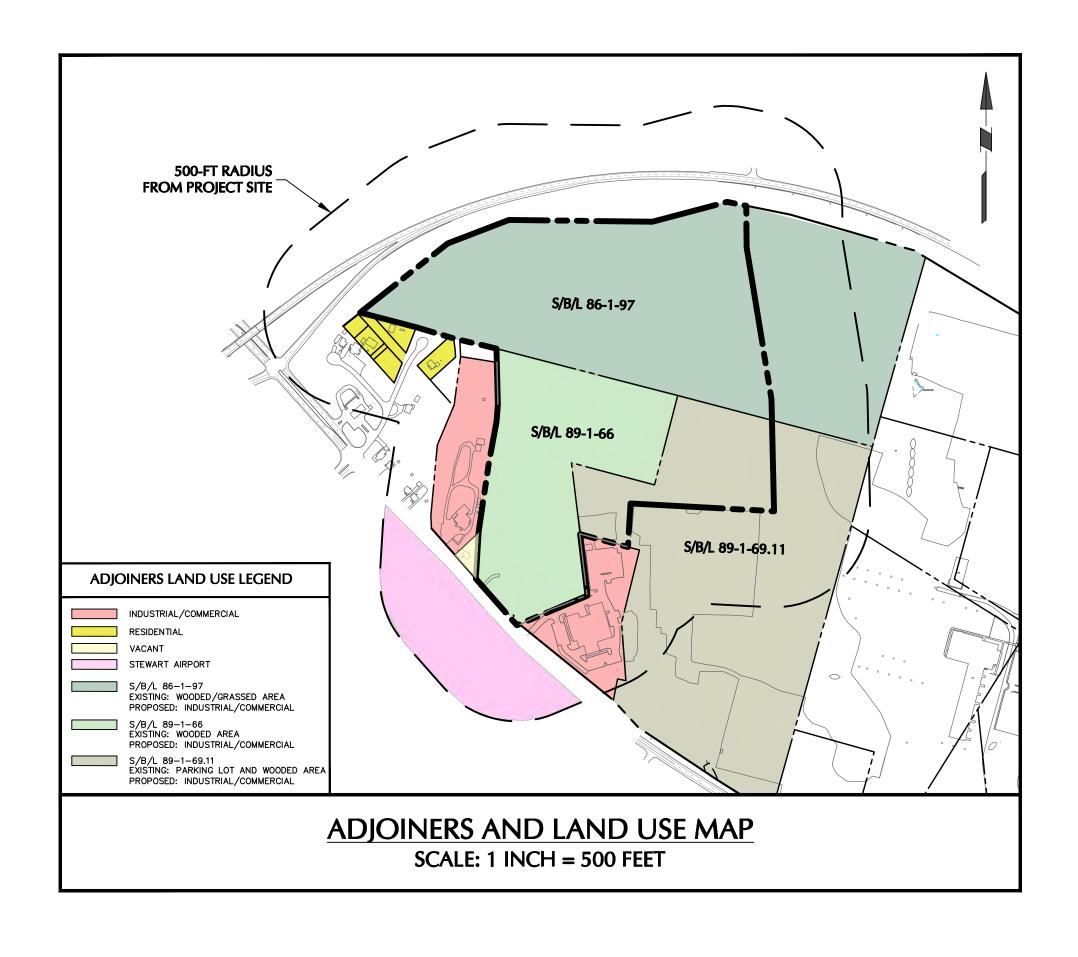
- 12. A Five Acre Waiver will be required to be received from the Town Board.
- 13. The Wetland survey of the wetlands on the site must be submitted. Current wetlands are depicted in an approximate way.
- 14. The EAF identifies the project as having potential for archeological sites. A letter dated 6 December 2022 has been received identifying "No Effect".
- 15. EAF identifies Threatened or Endangered Species. Habitat on the site include the Indiana Bat and Upland Sandpiper.
- 16. Review of the plans will continue prior to the Planning Board meeting and during the Lead Agency notification process. Additional technical comments will be provided as identified.

Respectfully submitted,

MHE Engineering, D.P.C.

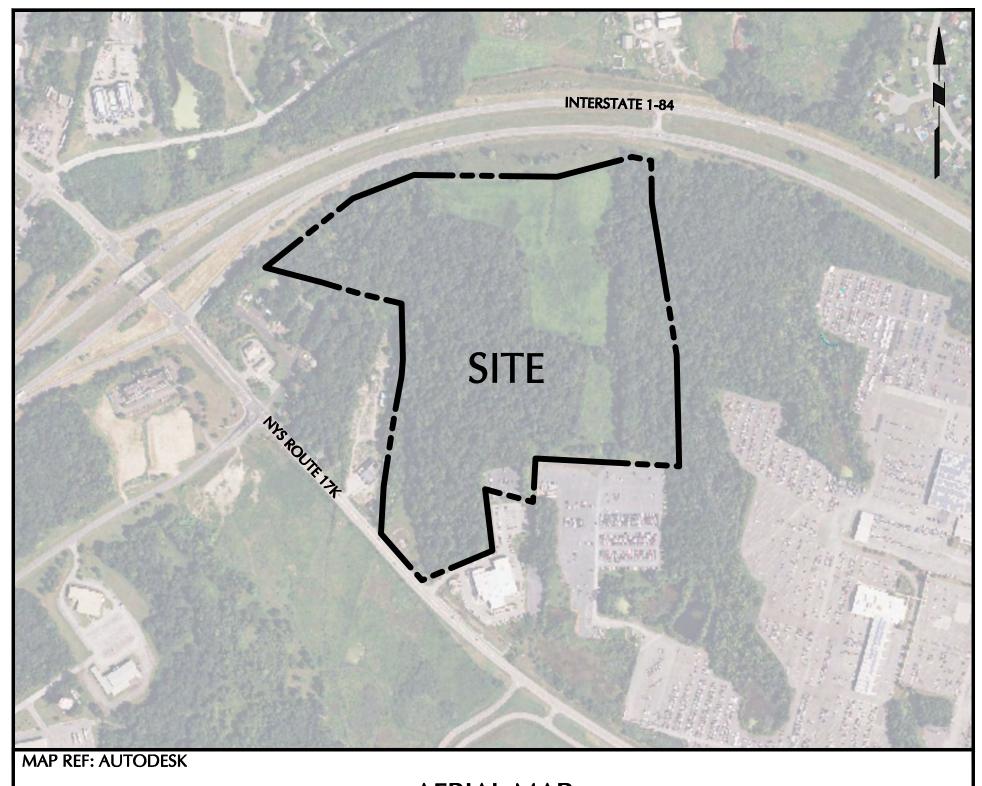
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Patrick J. Hines Principal PJH/kbw



# SITE PLAN APPROVAL DOCUMENTS FOR MATRIX 1-84 DISTRIBUTION CENTER TOWN OF NEWBURGH ORANGE COUNTY, NEW YORK SECTION 89, BLOCK 1, LOTS 66 AND 69.11; SECTION 86, BLOCK 1, LOT 97

PLANNING BOARD PROJECT No: 2022-29



AERIAL MAP SCALE: 1 INCH = 500 FEET

		DRAWING LIST
DRAWING NO.	SHEET NO.	DRAWING TITLE
CS001	1 OF 45	COVER SHEET
CS002	2 OF 45	LEGEND & NOTES
CD100	3 OF 45	EXISTING CONDITIONS AND SITE REMOVALS PLAN
CB100	4 OF 45	LOT LINE CHANGE (1 OF 2)
CB200	5 OF 45	LOT LINE CHANGE (2 OF 2)
CS100	6 OF 45	OVERALL SITE PLAN
CS101	7 OF 45	SITE PLAN (1 OF 2)
CS102	8 OF 45	SITE PLAN (2 OF 2)
CS200	9 OF 45	EMERGENCY ACCESS ROUTE
CS300	10 OF 45	MANHEIM ZONING ANALYSIS
TM100	11 OF 45	TRUCK TURNING MOVEMENT PLAN
CP100	12 OF 45	PAVEMENT PLAN
CG100	13 OF 45	OVERALL GRADING PLAN
CG101	14 OF 45	GRADING PLAN (1 OF 2)
CG102	15 OF 45	GRADING PLAN (2 OF 2)
CG201	16 OF 45	ROADWAY PROFILE
CG301	17 OF 45	
CG400	18 OF 45	
CG401	19 OF 45	DRAINAGE PLAN (1 OF 2)
CG402	20 OF 45	DRAINAGE PLAN (2 OF 2) DRAINAGE PROFILES (1 OF 2)
CG501	21 OF 45	DRAINAGE PROFILES (1 OF 2) DRAINAGE PROFILES (2 OF 2)
CG502	22 OF 45 23 OF 45	OVERALL UTILITY PLAN
CU100	23 OF 45 24 OF 45	UTILITY PLAN (1 OF 2)
CU101 CU102	24 OF 45 25 OF 45	UTILITY PLAN (2 OF 2)
CU102 CU201	25 OF 45 26 OF 45	SANITARY SEWER PROFILE
CU201	20 OF 45 27 OF 45	WATERMAIN PROFILE
CE100	28 OF 45	PHASING PLAN
CE100	29 OF 45	EROSION & SEDIMENT CONTORL PLAN (1 OF 2)
CE102	30 OF 45	EROSION & SEDIMENT CONTROL PLAN (2 OF 2)
CS501	31 OF 45	SITE DETAILS (1 OF 2)
CS502	32 OF 45	SITE DETAILS (2 OF 2)
CS503	33 OF 45	WATER DETAILS
CS504	34 OF 45	SEWER DETAILS
CS505	35 OF 45	DRAINAGE DETAILS (1 OF 2)
CS506	36 OF 45	DRAINAGE DETAILS (2 OF 2)
CS507	37 OF 45	EROSION & SEDIMENT CONTROL DETAILS
00001		ANDSCAPE ARCHITECTURE DRAWINGS
LP100	38 OF 45	OVERALL PLANTING PLAN
LP101	39 OF 45	PLANTING PLAN (1 OF 2)
LP102	40 OF 45	PLANTING PLAN (2 OF 2)
LP501	41 OF 45	PLATING NOTES AND DETAILS
LL100	42 OF 45	OVERALL SITE LIGHTING PLAN
LL101	43 OF 45	SITE LIGHTING PLAN (1 OF 2)
LL102	44 OF 45	SITE LIGHTING PLAN (2 OF 2)
LL501	45 OF 45	SITE LIGHTING NOTES AND DETAILS
-		TREE PRESERVATION DRAWINGS
TP100	1 OF 6	OVERALL TREE PRESERVATION PLAN
TP101	2 OF 6	TREE PRESERVATION PLAN - TILE 1
TP102	3 OF 6	TREE PRESERVATION PLAN - TILE 2
TP103	4 OF 6	TREE PRESERVATION PLAN - TILE 3
TP104	5 OF 6	TREE PRESERVATION PLAN - TILE 4
TP105	6 OF 6	TREE PRESERVATION PLAN - TILE 5

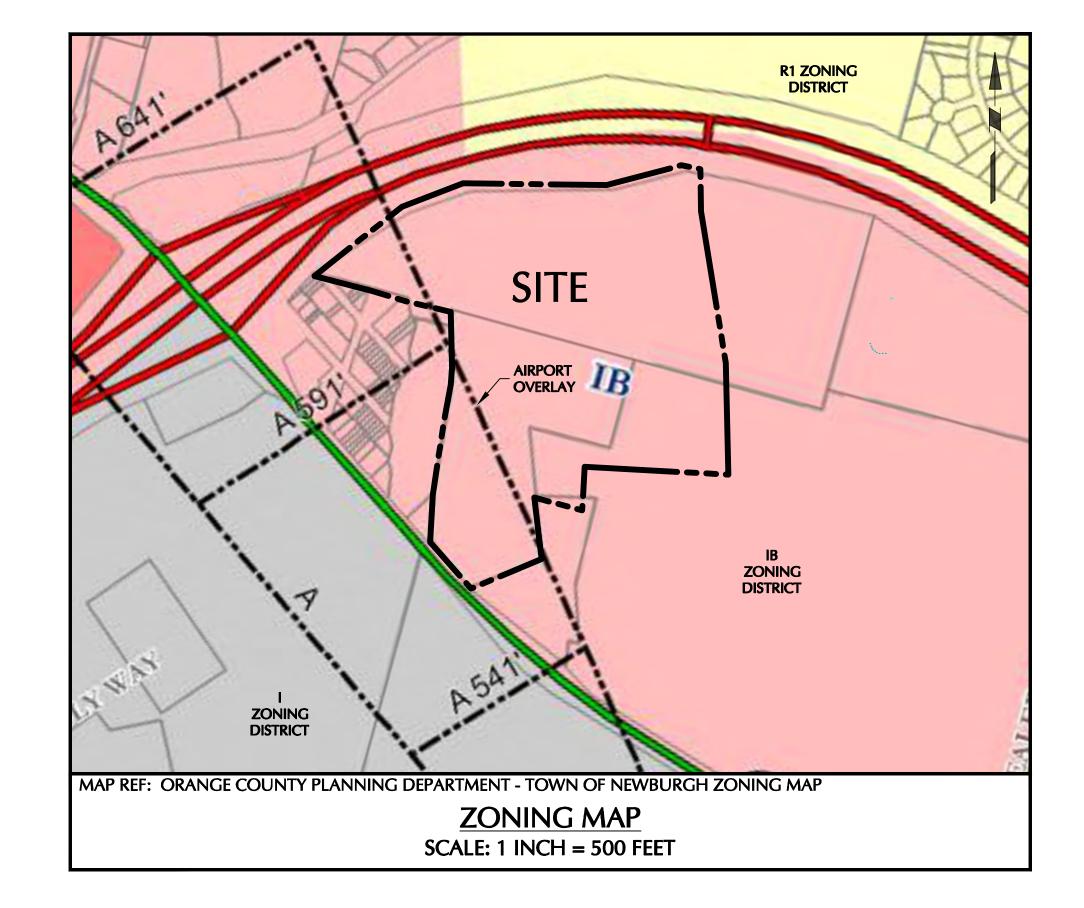
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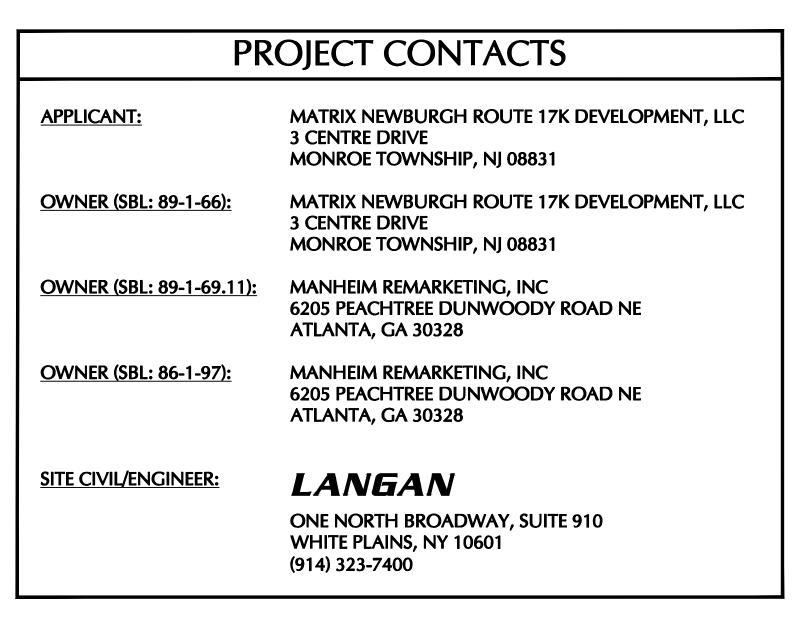
7/7/2023

Description Revisions

Date

WARNING: IT IS A VIOLATION OF THE NYS EDUCATION LAW ARTICLI 145 FOR ANY PERSON, UNLESS HE IS ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, LAND SURVEYOR OR GEOLOGIST, TO ALTER THIS ITEM IN ANY WAY.







One North Broadway, Suite 910 White Plains, NY 10601 F: 914.323.7400 F: 914.323.7401 www.langan.cor

## MATRIX I-84

roject

DISTRIBUTION CENTER SECTION No. 86, BLOCK No. 1, LOT No. 97 SECTION No. 89, BLOCK No. 1, LOT No. 66 and 69.11 TOWN OF NEWBURGH ORANGE COUNTY NEW YORK

Drawing Title

**COVER SHEET** 

Project No.	Drawing No.
190063302	
Date	
JULY 10, 2023	<b>CS001</b>
Drawn By	
LM	
Checked By	
CU	Sheet <b>1</b> of <b>45</b>

Date: 7/7/2023 Time: 11:29 User: ascariano Style Table: Langan.stb Layout: CS001 Document Code: 190063302-0501-CS001-0101

ABBREVIATIONS	LEGI	END	GEN
(TYP) – TYPICAL	EXISTING		1. EXISTING BACKGROUND INFORM
VIF - VERIFY IN FIELD NEC NECESSARY		PROPERTY LINE	TITLE SURVEY" PREPARED BY L SURVEYING, LANDSCAPE ARCHI
PROP PROPOSED	<b></b>	ADJACENT PROPERTY LINE	2. THE CONTRACTOR SHALL CALL
EXIST. – EXISTING HC – HANDI–CAP		RIGHT-OF-WAY LINE	COMMENCEMENT OF ANY CONST FOR STAKEOUT REQUESTS.
SHT SHEET		EASEMENT LINE	
NO. – NUMBER TW – TOP OF WALL	SA	SANITARY SEWER LINE	3. ALL EXISTING UTILITY LINES SH
BW - BOTTOM OF WALL	ST	DRAINAGE LINE	STARTING ANY CONSTRUCTION.
WV - WATER VALVE	W	WATER LINE	4. THE CONTRACTOR SHALL FURN WORK TO THE SATISFACTION OF
HYD – HYDRANT YR. – YEAR	G	GAS LINE	ACCORDANCE WITH THE CONTRA BE SOLELY RESPONSIBLE FOR
AC - ACRE	OHE	OVERHEAD ELECTRIC LINE	AS SUCH, THESE PLANS DO NO THEY INTENDED TO REPRESENT.
SF – SQUARE FEET LF – LINEAR FEET		EDGE OF PAVEMENT	FOR SITE WORK CONSTRUCTION RESPONSIBLE TO CONSTRUCT A
PT - POINT OF TANGENT		EDGE OF GRAVEL	PLANS IN ACCORDANCE WITH A LAWS IN EFFECT AT THE TIME
PC – POINT OF CURVATURE HP – HIGH POINT		BUILDING	
LP - LOW POINT		WETLAND LINE	5. THE CONTRACTOR SHALL ACCEL SHALL ASSESS CONDITIONS, AN
VC - VERTICAL CURVE PVI - POINT OF VERTICAL INFLECTION		TREE LINE	WORK REQUIRED. THE OWNER M ACCURACY OF ANY AVAILABLE
STA - STATION	— — — — 590— — — —	CONTOUR	DURING INVESTIGATIONS. THE C SITE INSPECTION IN ORDER TO
A.D. – ALGEBRAIC DIFFERENCE K – CURVE COEFFICIENT	XX	FENCE LINE	CORRELATE CONDITIONS WITH T POSSIBLE CONSTRUCTION CONFI
BVCS - BEGINNING VERTICAL CURVE STATION		TREES	PRIOR TO COMMENCEMENT OF ADDITIONAL TOPOGRAPHIC SUR
BVCE – BEGINNING VERTICAL CURVE ELEVATION EVCS – END VERTICAL CURVE STATION	ODEFINGSITUW	MANHOLE (AS LABELED)	THEY ARE COORDINATED WITH BY THE CONTRACTOR THAT DIF
EVCE - END VERTICAL CURVE ELEVATION	Ô	HYDRANT	THE DRAWINGS THAT ARE NOT OWNER AND ENGINEER PRIOR T
ELEV ELEVATION	D.	UTILITY POLE	CONSIDERED GROUNDS FOR ADI CONTRACT DURATION, OR ANY
EL – ELEVATION HORIZ.– HORIZONTAL	Δ	END SECTION	OWNER'S ENGINEER.
VERT VERTICAL		CATCH BASIN	6. THE CONTRACTOR SHALL, WHEN WRITTEN REQUESTS FOR INFORM
PERF. – PERFORATED HDPE – HIGH DENSITY POLYETHYLENE	WV	WATER VALVE	ENGINEER PRIOR TO THE CONS ITEM. THE RFI SHALL BE IN A
PVC - POLYVINYL CHLORIDE	a a a a a a a a a a a a a a a a a a a	LIGHT	ENGINEER AND SHALL ALLOW F ADDITIONAL REASONABLE TIME
DIP – DUCTILE IRON PIPE CIP – CAST IRON PIPE	-0-	SIGN	NUMBERED CONSECUTIVELY BY BE SOLELY RESPONSIBLE FOR S
INV - INVERT			DIFFERENTLY THAN INTENDED C
MIN. – MINIMUM ES – END SECTION	PROPOSED		7. INFORMATION RELATED TO ELEV
ES – END SECTION OS – OUTLET STRUCTURE		BUILDING SETBACK	AS ROADWAY GRADES, INVERT ELEVATIONS, BUILDING FINISHED
N.T.S NOT TO SCALE		BUILDING	IN MORE THAN ONE LOCATION CONTRACTOR SHALL SUFFICIENT
UP – UTILITY POLE CTGE – CABLE, TELEPHONE, GAS, ELECTRIC		CURB	ANY OTHER INFORMATION IN TH CONSISTENCY PRIOR TO CONST
LSE – LOWEST SEWERABLE ELEVATION R – ARC RADIUS		DOOR ENTRANCE	DISCREPANCIES THAT ARE FOUL SHALL BE IMMEDIATELY BROUGH
A - ARC LENGTH		DOCK DOOR	ENGINEER IN WRITING, IN THE F
$\triangle$ – CENTRAL ANGLE		STAIRS	
CL – CHORD LENGTH CB – CHORD BEARING		CONCRETE PAVEMENT	8. THERE ARE ADDITIONAL NOTES, CONTAINED THROUGHOUT THE F SPECIFICATIONS FROM APPLICAT
TOWN OF NEWBURGH NOTES		FALL PROTECTION FENCE	INDUSTRY STANDARDS. IT IS TH
1. CONSTRUCTION OF POTABLE WATER UTILITIES AND		OPTIONAL SECURITY FENCE	OBTAIN, REVIEW AND ADHERE 1
CONNECTION TO THE TOWN OF NEWBURGH WATER SYSTEM REQUIRES A PERMIT FROM THE TOWN OF NEWBURGH		GUIDE RAIL	9. THE CONTRACTOR SHALL REFER
WATER DEPARTMENT. ALL CONSTRUCTION SHALL CONFORM TO THE REQUIREMENTS OF THE NYSDOH AND THE TOWN		WALL	CANOPIES, SIDEWALKS, AND AR BUILDING, AND SHALL COORDIN
OF NEWBURGH.	590	CONTOUR	WITH THE SITE LAYOUT PRIOR
2. CONSTRUCTION OF SANITARY SEWER UTILITIES AND CONNECTION TO THE TOWN OF NEWBURGH SANITARY	×590.01	SPOT ELEVATION	10. ALL WETLANDS SHOWN ON THIS MAINTAINED, NO DISTURBANCE
SEWER SYSTEM REQUIRES A PERMIT FROM THE TOWN OF NEWBURGH SEWER DEPARTMENT. ALL CONSTRUCTION		STORMWATER CONVEYANCE PIPE	
SHALL CONFORM TO THE REQUIREMENTS OF THE NYSDEC AND THE TOWN OF NEWBURGH.		CATCH BASIN	SITE LAYC
3. THE APPLICANT SHALL BE RESPONSIBLE FOR THE		DOUBLE INLET	1. IT SHALL BE THE RESPONSIBIL
PREPARATION OF "AS-BUILT" RECORD DRAWINGS OF THE SEWER SYSTEM. SUBMITTAL OF THESE DRAWINGS IS A		STORMWATER MANHOLE	CALL 811. NO WORK SHALL C BEEN PERFORMED.
CONDITION OF DEDICATION AND RELEASE OF THE PERFORMANCE SECURITY.		OUTLET CONTROL STRUCTURE	2. THE APPLICANT SHALL SCH
4. ALL PIPE INSTALLATION SHALL BE SUBJECT TO	P27827827027027025025025025025782787878	RIP RAP	PRE-CONSTRUCTION CONFERE PROJECT DESIGN PROFESSION
INSPECTION BY THE TOWN OF NEWBURGH SEWER DEPARTMENT. THE CONTRACTOR SHALL BE RESPONSIBLE			THE PROJECT. ABSOLUTELY BEGIN UNTIL WRITTEN "API
FOR COORDINATING ALL INSPECTIONS AS REQUIRED WITH THE TOWN OF NEWBURGH SEWER DEPARTMENT.		SANITARY SEWER	AND/OR EVIDENCE OF THE RE SUBMITTED TO THE TOWN E
5. THE SEWER MAIN SHALL BE TESTED IN ACCORDANCE WITH	•	SANITARY MANHOLE	CONFERENCE HAS TAKEN I CONFERENCE, THE APPLICANT
THE TOWN OF NEWBURGH REQUIREMENTS. ALL TESTING SHALL BE COORDINATED WITH THE TOWN OF NEWBURGH	•	SANITARY CLEANOUT	THAT THE PROJECT DESIGN P ENGINEER-OF-RECORD THROUG
SEWER DEPARTMENT.	FMFM	SANITARY SEWER FORCE MAIN	3. THE CONTRACTOR SHALL PRO
	WW	WATER MAIN FIRE WATER LOOP	PROPOSED STORMWATER QU ENGINEER OF RECORD SH
	FW		CONFIRMATION THAT THE S SUBSTANTIALLY IN CONFORMAN
	T&E	ELECTRIC/TELECOMM SERVICE	SWPPP DOCUMENTS.
	<u>Ł</u>	THREE PHASE ELECTRIC LINE GAS SERVICE	SIGN
	G		
	<b>↑</b>	FIRE HYDRANT	1. ALL SIGNAGE, STRIPING, AND BE INSTALLED IN CONFORMA
	× • • • •	GATE VALVE	MANUAL ON UNIFORM TRAFFIC
	LoD LoD	LIMIT OF DISTURBANCE	2. ALL TENANT SPECIFIC SIGNAC
	xxx	SILT FENCE	OPTION. ALL OTHER SIGNAGE ACCORDANCE WITH THE LATES
		CONSTRUCTION FENCE FIBER ROLL	3. MOUNT SIGNAGE ACCORDING T
		DIVERSION DITCH	STABILIZATION C
		STRAW BALE DIKE	
		INLET PROTECTION	1. <u>MULCH</u> (INCLUDING GRAVEL M MEANS OF STABILIZATION. TH
		CHECK DAM	CONTROL BLANKETS.
			2. <u>SPRAY_ADHESIVES</u> – THESE POLYMERS IN A LIQUID OR SOL
		CONCRETE WASHOUT	FORM AN EMULSION THAT IS TYPICAL HYDROSEEDING EQUIPM
		STABILIZED CONSTRUCTION ENTRANCE	RATES WILL BE IN ACC RECOMMENDATIONS FOR THE S
		CONSTRUCTION STAGING AND	SHOULD THE APPLICATION OF OR IF THERE IS A PROBABILIT
		STORAGE AREA	ITS PROPOSED USE. MATERIAL S ALL APPLICATORS AND OTHERS
		SEDIMENT BASIN	3. POLYMER ADDITIVES - THESE
	<mark>╔╴┵┿╼┿┿╼╛┿╪╼┙┿</mark>	SOIL STOCKPILE	APPLIED TO THE DRIVING SURF
			MIXING RATIOS AND APPLICATI

GENERAL NOTES	DEMOLITION NOTES	SEWER NOTES
. EXISTING BACKGROUND INFORMATION IS BASED ON "ALTA/NSPS LAND TITLE SURVEY" PREPARED BY LANGAN ENGINEERING, ENVIRONMENTAL, SURVEYING, LANDSCAPE ARCHITECTURE AND GEOLOGY, D.P.C.	1. CONTRACTOR SHALL REMOVE AND DISPOSE OF EXISTING MANMADE SURFACE FEATURES WITHIN THE LIMIT OF WORK INCLUDING STRUCTURES, PAVEMENTS, SLABS, FENCES, UTILITY POLES, SIGNS, ETC.	<ol> <li>ALL CONSTRUCTION TO COMPLY WITH CURRENT TOWN OF NEWBURGH SPECIFICATIONS AND ORDINANCES.</li> <li>CONTRACTOR SHALL SECURE ALL PERMITS AT HIS OWN EXPENSE.</li> </ol>
2. THE CONTRACTOR SHALL CALL "DIG SAFELY NEW YORK" PRIOR TO COMMENCEMENT OF ANY CONSTRUCTION. CALL 1-800-962-7962 OR 811	UNLESS INDICATED OTHERWISE ON PLANS. 2. CONTRACTOR SHALL DISPOSE OF DEMOLITION DEBRIS IN ACCORDANCE WITH APPLICABLE FEDERAL, STATE, AND LOCAL REGULATION,	<ul> <li>3. MATERIALS FOR SANITARY SEWER:</li> <li>A. POLYVINYL CHLORIDE (P.V.C) SANITARY SEWER PIPE WITH IN</li> </ul>
FOR STAKEOUT REQUESTS. 3. ALL EXISTING UTILITY LINES SHALL BE LOCATED/VERIFIED IN THE FIELD BY THE CONTRACTOR PRIOR TO ORDERING ANY MATERIALS AND/OR STARTING ANY CONSTRUCTION.	ORDINANCES, AND STATUTES. 3. THE DEMOLITION LIMITS DEPICTED IN THE PLANS IS INTENDED TO AID THE CONTRACTOR DURING THE BIDDING AND CONSTRUCTION PROCESS AND IS NOT INTENDED TO DEPICT EACH AND EVERY ELEMENT OF DEMOLITION. THE CONTRACTOR IS RESPONSIBLE FOR IDENTIFYING THE	A. POLITVINIL CHEORIDE (P.V.C) SANTART SEWER FIFE WITH IT BELL AND SPIGOT JOINTS, PIPE SHALL CONFORM TO ASTM SPECIFICATION LATEST REVISION. GRAVITY SEWER SHALL BE PVC AND FORCEMAIN SHALL BE PVC SDR-21. B. EQUAL APPROVED BY TOWN ENGINEER.
4. 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 RESPONSIBLE TO CONSTRUCT ALL IMPROVEMENTS DEPICTED ON THESE PLANS IN ACCORDANCE WITH ALL APPLICABLE RULES, REGULATIONS AND LAWS IN EFFECT AT THE TIME OF CONSTRUCTION.	<ul> <li>DETAILED SCOPE OF DEMOLITION BEFORE SUBMITTING ITS BID/PROPOSAL TO PERFORM THE WORK AND SHALL MAKE NO CLAIMS AND SEEK NO ADDITIONAL COMPENSATION FOR CHANGED CONDITIONS OR UNFORESEEN OR LATENT SITE CONDITIONS RELATED TO ANY CONDITIONS DISCOVERED DURING EXECUTION OF THE WORK.</li> <li>4. UNLESS OTHERWISE SPECIFICALLY PROVIDED ON THE PLANS OR IN THE SPECIFICATIONS, THE ENGINEER HAS NOT PREPARED DESIGNS FOR AND SHALL HAVE NO RESPONSIBILITY FOR THE PRESENCE, DISCOVERY, REMOVAL, ABATEMENT, OR DISPOSAL OF HAZARDOUS MATERIALS,</li> </ul>	4. HORIZONTAL SEPARATION: SEWERS SHALL BE LAID AT LEA HORIZONTALLY FROM ANY EXISTING OR PROPOSED WATER MAIN DISTANCE SHALL BE FROM EDGE TO EDGE. PRACTICAL TO MAII TEN FOOT SEPARATION, THE APPROPRIATE REVIEWING AGENCY MAY DEVIATION ON A CASE BY CASE BASIS, IF SUPPORTED BY DATA FR DESIGN ENGINEER. SUCH DEVIATION MAY ALLOW INSTALLATION SEWER CLOSER TO A WATER MAIN, PROVIDED THAT THE WATER MA A SEPARATE TRENCH, OR ON AN UNDISTURBED EARTH SHELF LOCA ONE SIDE OF THE SEWER AND AT AN ELEVATION SO THE BOTTOM WATER MAIN IS AT LEAST 18" ABOVE THE TOP OF THE SEWER.
5. 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 WAS OBTAINED DURING INVESTIGATIONS. THE CONTRACTOR SHALL MAKE A THOROUGH SITE INSPECTION IN ORDER TO FIELD CHECK EXISTING SITE CONDITIONS, CORRELATE CONDITIONS WITH THE DRAWINGS 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	TOXIC WASTES, OR POLLUTANTS AT THE PROJECT SITE. THE ENGINEER SHALL NOT BE RESPONSIBLE FOR ANY CLAIMS OF LOSS, DAMAGE, EXPENSE, DELAY, INJURY, OR DEATH ARISING FROM THE PRESENCE OF HAZARDOUS MATERIAL AND CONTRACTOR SHALL INDEMNIFY AND HOLD HARMLESS THE ENGINEER FROM ANY CLAIMS MADE IN CONNECTION THEREWITH. MOREOVER, THE ENGINEER SHALL HAVE NO ADMINISTRATIVE OBLIGATIONS OF ANY TYPE WITH REGARD TO ANY CONTRACTOR AMENDMENT INVOLVING THE ISSUES OF PRESENCE, DISCOVER, REMOVAL, ABATEMENT, OR DISPOSAL OR ASBESTOS OR OTHER HAZARDOUS MATERIALS.	5. CROSSINGS-SEWERS CROSSING WATER MAINS SHALL BE LAID TO A MINIMUM VERTICAL DISTANCE OF 18" BETWEEN THE OUTSIDE WATERMAIN AND THE OUTSIDE OF THE SEWER. THIS SHALL BE TH WHERE THE WATER MAIN IS EITHER ABOVE, OR BELOW THE SEWEI CROSSINGS SHALL BE ARRANGED SO THAT THE SEWER JOINTS EQUIDISTANT AND AS FAR AS POSSIBLE FROM WATERMAIN JOINTS. A WATER MAIN CROSSES UNDER A SEWER, ADEQUATE STRU SUPPORT SHALL BE PROVIDED FOR THE SEWER TO PREVENT DAM THE WATER MAIN.
THEY ARE COORDINATED WITH THE OWNER. ANY CONDITIONS DETERMINED BY THE CONTRACTOR THAT DIFFER FROM THE INFORMATION SHOW 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 OR	5. THE CONTRACTOR SHALL VERIFY THAT A SOIL EROSION AND SEDIMENT CONTROL PERMIT HAS BEEN OBTAINED FOR DEMOLITION ACTIVITIES. CONTRACTOR SHALL COMPLY WITH THE CONDITIONS THEREON BY INSTALLING AND MAINTAINING ALL SOIL EROSION AND SEDIMENT CONTROL MEASURES AND MAKING REQUIRED NOTIFICATIONS.	<ol> <li>ALL TRENCHING IN THE ROW SHALL BE RESTORED TO ORIGINAL CO OR BETTER.</li> <li>NOTWITHSTANDING SATISFACTORY TEST RESULTS, IF EX INFILTRATION IS DISCOVERED WITHIN TWO YEARS OF ACCEPTANCE SEWER SYSTEM, THE CONTRACTOR WILL BE REQUIRED TO CORRECT</li> </ol>
OWNER'S ENGINEER. 5. THE CONTRACTOR SHALL, WHEN THEY DEEM NECESSARY, PROVIDE WRITTEN REQUESTS FOR INFORMATION (RFI) TO THE OWNER AND	WATER NOTES           1. ALL CONSTRUCTION TO COMPLY WITH CURRENT TOWN OF NEWBURGH SPECIFICATIONS AND ORDINANCES.	SITUATION. THE CONTRACTOR SHALL, UPON WRITTEN NOTICE FRENGINEER, TAKE THE NECESSARY STEPS TO CORRECT THE LEAK ADDITIONAL COST TO THE OWNER. SUCH WORK SHALL BE ACCOM WITHIN TWO WEEKS OF THE DATE OF NOTIFICATION.
ENGINEER PRIOR TO THE CONSTRUCTION OF ANY SPECIFIC SITE WORK ITEM. THE RFI SHALL BE IN A FORM ACCEPTABLE TO OWNER AND ENGINEER AND SHALL ALLOW FOR A MINIMUM OF 10 WORK DAYS OR ADDITIONAL REASONABLE TIME FOR A WRITTEN REPLY. THE RFI SHALL BE NUMBERED CONSECUTIVELY BY DATE SUBMITTED. THE CONTRACTOR SHALL	<ol> <li>CONTRACTOR SHALL SECURE ALL PERMITS AT HIS/HER OWN EXPENSE.</li> <li>MATERIAL FOR WATERMAINS:</li> </ol>	<ul> <li>8. GRAVITY SANITARY SEWER SHALL BE TESTED IN ACCORDANCE WITTOWN OF NEWBURGH REQUIREMENTS AND ASTM F-1417, LATEST VE</li> <li>9. SEWER MANHOLES SHALL BE TESTED IN ACCORDANCE WITH THE T</li> </ul>
BE SOLELY RESPONSIBLE FOR SITE WORK ITEMS CONSTRUCTED DIFFERENTLY THAN INTENDED OR AS DEPICTED ON THE PLANS. 7. INFORMATION RELATED TO ELEVATIONS AND PROPOSED UTILITIES (SUCH	A) POLY-VINYL CHLORIDE (P.V.C.) PLASTIC MUNICIPAL WATER PIPE WITH INTEGRAL BELL AND SPIGOT JOINTS, PIPE SHALL CONFORM TO THE LATEST REVISION OF AWWA C-900 SPECIFICATION AND SHALL BE CLASS 150, DR 18.	NEWBURGH REQUIREMENTS AND ASTM C-1244, LATEST VERSION. 10. FORCEMAIN SHALL BE TESTED IN ACCORDANCE WITH THE TO NEWBURGH REQUIREMENTS AND AWWA C900, LATEST VERSION.
AS ROADWAY GRADES, INVERT ELEVATIONS, RIM ELEVATIONS, GRATE ELEVATIONS, BUILDING FINISHED FLOOR ELEVATIONS, ETC.) MAY BE FOUND IN MORE THAN ONE LOCATION IN THE CONTRACT DOCUMENTS. THE CONTRACTOR SHALL SUFFICIENTLY REVIEW ALL PLANS, PROFILES AND ANY OTHER INFORMATION IN THE CONTRACT DOCUMENTS FOR CONSISTENCY PRIOR TO CONSTRUCTION. ANY INCONSISTENCIES OR DISCREPANCIES THAT ARE FOUND BY THE CONTRACTOR OR HIS ASSIGNS SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE OWNER AND ENGINEER IN WRITING, IN THE FORMAT OF AN RFI PRIOR TO	B) CEMENT LINED DUCTILE IRON PIPE MINIMUM THICKNESS CLASS 52 WITH 150 PSI WORKING PRESSURE AND SHALL CONFORM TO AWWA SPECIFICATION C 151 LATEST REVISION FOR HYDRANT ASSEMBLIES. THE PIPE SHALL BE ENCASED WITH A MINIMUM 8 MIL. POLYETHYLENE WRAP, AS PER AWWA C 105 SPECIFICATION. TYPE MECHANICAL JOINT TEES AND NIPPLES. HYDRANTS SHALL BE PLACED A MAXIMUM OF 500± APART. HYDRANTS SHALL BE "BAGGED" UNTIL READY FOR USE. HYDRANTS SHALL OPEN COUNTERCLOCKWISE [LEFT], AND CLOSE CLOCKWISE RIGHT.	TOWN OF NEWBURGH SEWER NOTES           1. CONSTRUCTION OF SANITARY SEWER FACILITIES AND CONNECTION TO TOWN OF NEWBURGH SANITARY SEWER SYSTEM REQUIRES A PERMI THE TOWN OF NEWBURGH SEWER DEPARTMENT. ALL CONSTRUCTI SHALL CONFORM TO THE REQUIREMENTS OF THE NYSDEC AND THE OF NEWBURGH.           2. ALL SEWER PIPE INSTALLATION SHALL BE SUBJECT TO INSPECTION
CONSTRUCTION. 3. THERE ARE ADDITIONAL NOTES, SPECIFICATIONS AND REQUIREMENTS CONTAINED THROUGHOUT THE PLAN SET AS WELL AS REFERENCES TO SPECIFICATIONS FROM APPLICABLE GOVERNING AUTHORITIES AND	<ul> <li>4. ALL FIELD INSTALLED BOLTS SHALL BE CAPPED WITH SACRIFICIAL ZINC ANODES.</li> <li>5. CONTRACTOR WILL BE RESPONSIBLE TO FURNISH AND INSTALL TEST POINTS AT THE APPROXIMATE LOCATIONS AS SHOWN ON THE DRAWINGS</li> </ul>	TOWN OF NEWBURGH SEWER DEPARTMENT. THE CONTRACTOR SHAL RESPONSIBLE FOR COORDINATING ALL INSPECTIONS AS REQUIRED W THE TOWN OF NEWBURGH SEWER DEPARTMENT.
<ul> <li>INDUSTRY STANDARDS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO OBTAIN, REVIEW AND ADHERE TO ALL THESE DOCUMENTS.</li> <li>THE CONTRACTOR SHALL REFER TO ARCHITECTURAL PLANS AND SPECIFICATIONS FOR ACTUAL LOCATIONS OF ALL DOORS, STAIRS, RAMPS, CANOPIES, SIDEWALKS, AND ARCHITECTURAL ELEMENTS AROUND THE BUILDING, AND SHALL COORDINATE INSTALLATION OF THESE ELEMENTS</li> </ul>	OR AS DIRECTED BY THE TOWN ENGINEER. THE TEST POINTS SHALL CONSIST OF A 1" OR 2" CORPORATION STOP, AND THE NECESSARY 1" OR 2" COPPER PIPE TO ADEQUATELY CONDUCT THE REQUIRED TESTS. AFTER TESTING HAS BEEN COMPLETED AND APPROVED, THE CONTRACTOR SHALL REMOVE THE CORPORATION STOPS AND INSTALL STANDARD AWWA FACTORY THREADED BRASS PLUGS. SAMPLE POINTS SHALL BE LOCATED AT THE BEGINNING AND END OF EACH LINE WITH A MAXIMUM SPACING OF	3. ALL GRAVITY SANITARY SEWER SERVICE LINES SHALL BE 4 INCHES DIAMETER OR LARGER AND SHALL BE SDR-35 PVC PIPE CONFORM ASTM D-3034-89. JOINTS SHALL BE PUSH-ON WITH ELASTOMERI GASKET CONFORMING ASTM D-3212. FITTINGS SHALL BE AS MANUFACTURED BY THE PIPE SUPPLIER OR EQUAL AND SHALL HAV BELL AND SPIGOT CONFIGURATION COMPATIBLE WITH THE PIPE.
<ul> <li>0. ALL WETLANDS SHOWN ON THIS PLAN SET ARE TO BE PROTECTED AND MAINTAINED, NO DISTURBANCE IS PERMITTED.</li> </ul>	1000 FEET. 6. THE WATER MAIN SHALL BE TESTED, DISINFECTED, AND FLUSHED IN ACCORDANCE WITH THE TOWN OF NEWBURGH REQUIREMENTS. ALL TESTING,	4. THE SEWER MAIN SHALL BE TESTED IN ACCORDANCE WITH TOWN OF NEWBURGH REQUIREMENTS. ALL TESTING SHALL BE COORDINATED THE TOWN OF NEWBURGH SEWER DEPARTMENT.
SITE LAYOUT PLAN NOTES	DISINFECTION, AND FLUSHING SHALL BE COORDINATED WITH THE TOWN OF NEWBURGH WATER DEPARTMENT PRIOR TO PUTTING THE WATER MAIN IN SERVICE. SATISFACTORY TESTING RESULTS FROM A CERTIFIED LAB MUST BE SUBMITTED TO THE TOWN OF NEWBURGH WATER DEPARTMENT AND ORANGE COUNTY HEALTH DEPARTMENT. THE TEST SAMPLES MUST BE	5. THE FINAL LAYOUT OF THE PROPOSED WATER AND/OR SEWER CONNECTION, INCLUDING ALL MATERIALS, SIZE AND LOCATION OF S AND ALL APPURTENANCES, IS SUBJECT TO THE REVIEW AND APPR
<ol> <li>IT SHALL BE THE RESPONSIBILITY OF THE APPLICANT/ CONTRACTOR TO CALL 811. NO WORK SHALL COMMENCE UNTIL A FIELD MARK OUT HAS BEEN PERFORMED.</li> </ol>	COLLECTED BY A REPRESENTATIVE OF THE TESTING LABORATORY AND WITNESSED BY THE WATER DEPARTMENT. THE CONTRACTOR SHALL NOTIFY THE TOWN ENGINEER A MINIMUM OF 24 HOURS PRIOR TO SAMPLING. 7. PRESSURE AND LEAKAGE TEST SHALL BE DONE IN ACCORDANCE WITH	OF THE TOWN OF NEWBURGH WATER AND/OR SEWER DEPARTMENT. PERMITS SHALL BE ISSUED FOR A WATER AND/OR SEWER CONNECT UNTIL A FINAL LAYOUT IS APPROVED BY THE RESPECTIVE DEPARTM
2. THE APPLICANT SHALL SCHEDULE WITH THE TOWN ENGINEER A PRE-CONSTRUCTION CONFERENCE TO BE ATTENDED BY THE TOWN, PROJECT DESIGN PROFESSIONAL, APPLICANT AND CONTRACTOR FOR THE PROJECT. ABSOLUTELY NO PROJECT CONSTRUCTION WORK MAY BEGIN UNTIL WRITTEN "APPROVAL TO CONSTRUCT" NOTIFICATION AND/OR EVIDENCE OF THE RECEIPT OF THE NOI FROM THE NYSDEC IS SUBMITTED TO THE TOWN ENGINEER, AND THE PRE-CONSTRUCTION CONFERENCE HAS TAKEN PLACE. AT THE PRE-CONSTRUCTION CONFERENCE, THE APPLICANT MUST CONFIRM TO THE TOWN ENGINEER THAT THE PROJECT DESIGN PROFESSIONAL WILL CONTINUE TO BE THE ENGINEER-OF-RECORD THROUGHOUT PROJECT CONSTRUCTION.	<ol> <li>PRESSORE AND LEARAGE TEST STALL BE DONE IN ACCORDANCE WITH AWWA C-600 STANDARDS.</li> <li>DISINFECTION SHALL BE COMPLETED IN ACCORDANCE WITH AWWA C651, LATEST REVISION. THE TABLET METHOD IS NOT ALLOWED.</li> <li>INSTALLATION SHALL COMPLY WITH THE 2018 "TEN STATES STANDARDS." HORIZONTAL SEPARATION-WATERMAIN SHALL BE LAID AT LEAST 10' HORIZONTALLY FROM ANY EXISTING OR PROPOSED SEWER MAIN. THE DISTANCE SHALL BE FROM EDGE TO EDGE. IN CASES WHERE IT IS NOT PRACTICAL TO MAINTAIN A TEN FOOT SEPARATION, THE APPROPRIATE</li> </ol>	<ol> <li>TOWN OF NEWBURGH WATER NOTES</li> <li>"CONSTRUCTION OF POTABLE WATER UTILITIES AND CONNECTION TO TOWN OF NEWBURGH WATER SYSTEM REQUIRES A PERMIT FROM TH TOWN OF NEWBURGH WATER DEPARTMENT. ALL WORK AND MATER SHALL CONFORM TO THE REQUIREMENTS OF THE NYSDOH AND THE OF NEWBURGH."</li> <li>ALL WATER SERVICE LINES FOUR (4) INCHES AND LARGER IN DIAM SHALL BE CEMENT LINED CLASS 52 DUCTILE IRON PIPE CONFORMIN</li> </ol>
3. THE CONTRACTOR SHALL PROVIDE TOPOGRAPHIC AS-BUILTS FOR ALL PROPOSED STORMWATER QUALITY AND QUANTITY FACILITIES. THE ENGINEER OF RECORD SHALL REVIEW AND PROVIDE WRITTEN CONFIRMATION THAT THE STORMWATER FACILITIES WERE INSTALLED SUBSTANTIALLY IN CONFORMANCE WITH THE APPROVED SITE PLAN AND SWPPP DOCUMENTS.	REVIEWING AGENCY MAY ALLOW DEVIATION ON A CASE BY CASE BASIS, IF SUPPORTED BY DATA FROM THE DESIGN ENGINEER. SUCH DEVIATION MAY ALLOW INSTALLATION OF THE WATERMAIN CLOSER TO A SEWER MAIN, PROVIDED THAT THE WATER MAIN IS IN A SEPARATE TRENCH, OR ON AN UNDISTURBED EARTH SHELF LOCATED ON ONE SIDE OF THE SEWER AND AT AN ELEVATION SO THE BOTTOM OF THE WATER MAIN IS AT LEAST 18" ABOVE THE TOP OF THE SEWER.	<ul> <li>ANSI\AWWA C151\A21.51 FOR DUCTILE IRON PIPE, LATEST REVISION JOINTS SHALL BE EITHER PUSH-ON OR MECHANICAL JOINT AS REC</li> <li>3. THRUST RESTRAINT OF THE PIPE SHALL BE THROUGH THE USE OF RESTRAINT. THRUST BLOCKS ARE NOT ACCEPTABLE. JOINT RESTI SHALL BE THROUGH THE USE OF MECHANICAL JOINT PIPE WITH RE GLANDS. ALL FITTINGS AND VALVES SHALL ALSO BE INSTALLED W RETAINER GLANDS FOR JOINT RESTRAINT. RETAINER GLANDS SHALL</li> </ul>
SIGNAGE NOTES	10. WATERMAINS CROSSING SEWERS SHALL BE LAID TO PROVIDE A MINIMUM VERTICAL DISTANCE OF 18" BETWEEN THE OUTSIDE OF THE WATERMAIN AND THE OUTSIDE OF THE SEWER. THIS SHALL BE THE CASE WHERE THE	EBBA IRON MEGALUG SERIES 1100 OR APPROVED EQUAL. THE US MANUFACTURED RESTRAINED JOINT PIPE IS ACCEPTABLE WITH PRIC APPROVAL OF THE WATER DEPARTMENT.
<ol> <li>ALL SIGNAGE, STRIPING, AND OTHER TRAFFIC CONTROL DEVICES SHALL BE INSTALLED IN CONFORMANCE WITH THE LATEST EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD).</li> <li>ALL TENANT SPECIFIC SIGNAGE AND STRIPING SHALL BE INSTALLED IN</li> </ol>	WATER MAIN IS EITHER ABOVE, OR BELOW THE SEWER. THE CROSSINGS SHALL BE ARRANGED SO THAT THE WATERMAIN JOINTS WILL BE EQUIDISTANT AND AS FAR AS POSSIBLE FROM SEWER MAIN JOINTS. WHERE A WATER MAIN CROSSES UNDER A SEWER, ADEQUATE STRUCTURAL SUPPORT SHALL BE PROVIDED FOR THE SEWER TO PREVENT DAMAGE TO THE WATER MAIN.	4. ALL FITTINGS SHALL BE CAST IRON OR DUCTILE IRON, MECHANICAL CLASS 250 AND CONFORM TO ANSI\AWWA C110\A21.10 FOR DUCTI AND GRAY IRON FITTINGS OR ANSI\AWWA C153\A21.53 FOR DUCTI COMPACT FITTINGS, LATEST REVISION.
ACCORDANCE WITH THE OWNER'S REQUIREMENTS AT THE OWNER'S OPTION. ALL OTHER SIGNAGE AND STRIPING SHALL BE INSTALLED IN ACCORDANCE WITH THE LATEST MUTCD MANUAL.		5. ALL VALVES 4 TO 12 INCHES SHALL BE RESILIENT WEDGE GATE VA CONFORMING TO ANSI\AWWA C509 SUCH AS MUELLER MODEL A-2360-23 OR APPROVED EQUAL. ALL GATE VALVES SHALL OPE (COUNTERCLOCKWISE).
3. MOUNT SIGNAGE ACCORDING TO LOCAL CODES. STABILIZATION OF DISTURBED SURFACES		6. TAPPING SLEEVE SHALL BE MECHANICAL JOINT SUCH AS MUELLER OR EQUAL. TAPPING VALVES 4 TO 12 INCHES SHALL BE RESILIEN
. <u>MULCH</u> (INCLUDING GRAVEL MULCH) – MULCH OFFERS AN EFFECTIVE MEANS OF STABILIZATION. THIS CAN ALSO INCLUDE ROLLED EROSION CONTROL BLANKETS.		WEDGE GATE VALVES CONFORMING TO ANSI\AWWA C509 SUCH AS MUELLER MODEL T-2360-19 OR APPROVED EQUAL. ALL TAPPING SLEEVES AND VALVES SHALL BE TESTED TO 150 PSI MINIMUM; TES OF THE TAPPING SLEEVE AND VALVE MUST BE WITNESSED AND AC BY THE TOWN OF NEWBURGH WATER DEPARTMENT PRIOR TO CUTTI INTO THE PIPE.
. <u>SPRAY ADHESIVES</u> – THESE ARE PRODUCTS GENERALLY COMPOSED OF POLYMERS IN A LIQUID OR SOLID FORM THAT ARE MIXED WITH WATER TO FORM AN EMULSION THAT IS SPRAYED ON THE SOIL SURFACE WITH TYPICAL HYDROSEEDING EQUIPMENT. THE MIXING RATIOS AND APPLICATION RATES WILL BE IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS FOR THE SPECIFIC SOILS ON THE SITE. IN NO CASE SHOULD THE APPLICATION OF THESE ADHESIVES BE MADE ON WET SOILS OR IF THERE IS A PROBABILITY OF PRECIPITATION WITHIN 48 HOURS OF ITS PROPOSED USE. MATERIAL SAFETY DATA SHEETS WILL BE PROVIDED TO		<ol> <li>ALL HYDRANTS SHALL BE CLOW-EDDY F-2640 CONFORMING TO AN STANDARD C502, LATEST REVISION. ALL HYDRANTS SHALL INCLUE ¼ INCH MAIN VALVE OPENING, TWO 2 ½ INCH DIAMETER NPT HOSE NOZZLES, ONE 4 INCH NPT STEAMER NOZZLE, A 6 INCH DIAMETER CONNECTION AND A 1 ½ INCH PENTAGON OPERATING NUT. ALL HYDRANTS SHALL OPEN LEFT (COUNTER-CLOCKWISE). HYDRANTS MAINS TO BE DEDICATED TO THE TOWN SHALL BE EQUIPMENT YELL HYDRANTS LOCATED ON PRIVATE PROPERTY SHALL BE RED.</li> </ol>
ALL APPLICATORS AND OTHERS WORKING WITH THE MATERIAL. - <u>POLYMER ADDITIVES</u> – THESE POLYMERS ARE MIXED WITH WATER AND APPLIED TO THE DRIVING SURFACE BY A WATER TRUCK WITH A GRAVITY FEED DRIP BAR, SPRAY BAR OR AUTOMATED DISTRIBUTOR TRUCK. THE MIXING RATIOS AND APPLICATION RATES WILL BE IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS. INCORPORATION OF THE EMULSION INTO THE SOIL WILL BE DONE TO THE APPROPRIATE DEPTH BASED ON EXPECTED TRAFFIC. COMPACTION AFTER INCORPORATION WILL		<ul> <li>8. ALL WATER SERVICE LINES TWO (2) INCHES IN DIAMETER AND SMA SHALL BE TYPE K COPPER TUBING. CORPORATION STOPS SHALL I MUELLER H-15020N FOR ¼ AND 1 INCH, MUELLER H-15000N OR B-25000N FOR 1 ½ AND 2 INCH SIZES. CURB VALVES SHALL BE MUELLER H-1502-2N FOR ¾ AND 1 INCH AND MUELLER B-25204N ½ AND 2 INCH SIZES. CURB BOXES SHALL BE MUELLER H-10314I ¾ AND 1 INCH AND MUELLER H-10310N FOR 1 ½ AND 2 INCH SIZE</li> </ul>
BE BY VIBRATORY ROLLER TO A MINIMUM OF 95%. THE PREPARED SURFACE SHALL BE MOIST AND NO APPLICATION OF THE POLYMER WILL BE MADE IF THERE IS A PROBABILITY OF PRECIPITATION WITHIN 48 HOURS OF ITS PROPOSED USE. MATERIAL SAFETY DATA SHEETS WILL BE PROVIDED TO		9. ALL PIPE INSTALLATION SHALL BE SUBJECT TO INSPECTION BY THE OF NEWBURGH WATER DEPARTMENT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING ALL INSPECTIONS AS REQUIRED W THE TOWN OF NEWBURGH WATER DEPARTMENT.
ALL APPLICATORS WORKING WITH THE MATERIAL. BARRIERS – WOVEN GEOTEXTILES CAN BE PLACED ON THE DRIVING SURFACE TO EFFECTIVELY REDUCE DUST THROW AND PARTICLE MIGRATION ON HAUL ROADS. STONE CAN ALSO BE USED FOR CONSTRUCTION ROADS FOR EFFECTIVE DUST CONTROL.		10. THE WATER MAIN SHALL BE TESTED, DISINFECTED AND FLUSHED IN ACCORDANCE WITH THE TOWN OF NEWBURGH REQUIREMENTS. ALL TESTING, DISINFECTION AND FLUSHING SHALL BE COORDINATED WITH TOWN OF NEWBURGH WATER DEPARTMENT. PRIOR TO PUTTING THE WATER MAIN IN SERVICE SATISFACTORY SANITARY RESULTS FROM CERTIFIED LAB MUST BE SUBMITTED TO THE TOWN OF NEWBURGH
. <u>SEEDING</u> – REFER TO LANDSCAPE PLANS AND DETAILS.		DEPARTMENT. THE TEST SAMPLES MUST BE COLLECTED BY A REPRESENTATIVE OF THE TESTING LABORATORY AND WITNESSED BY WATER DEPARTMENT.

11. THE FINAL LAYOUT OF THE PROPOSED WATER AND/OR SEWER CONNECTION, INCLUDING ALL MATERIALS, SIZE AND LOCATION OF SERVICE AND ALL APPURTENANCES, IS SUBJECT TO THE REVIEW AND APPROVAL OF THE TOWN OF NEWBURGH WATER AND/OR SEWER DEPARTMENT. NO PERMITS SHALL BE ISSUED FOR A WATER AND/OR SEWER CONNECTION UNTIL A FINAL LAYOUT IS APPROVED BY THE RESPECTIVE DEPARTMENT.



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Description Revisions

Date

**WARNING:** IT IS A VIOLATION OF THE NYS EDUCATION LAW ARTICLE 145 FOR ANY PERSON, UNLESS HE IS ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, LAND SURVEYOR OR GEOLOGIST, TO ALTER THIS ITEM IN ANY WAY.

No

	EROSION & SEDIMENT CONTROL NOTES	SPDES GENERAL PERMIT COMPLIANCE NOTES	CONST
RGH	1. REFER TO THE SPDES GENERAL PERMIT COMPLIANCE NOTES FOR ADDITIONAL REQUIREMENTS.	1. THE NOTICE OF INTENT (NOI) AND SIGNED MS4 SWPPP ACCEPTANCE FORM (IF APPLICABLE) SHALL BE FILED WITH THE NEW YORK STATE DEPARTMENT	CLEARING AND GRUBBIN 1. FLAG THE DISTUF CLEARING AND GRU
SE.	2. ALL EROSION AND SEDIMENT CONTROL MEASURES ARE TO BE IN STRICT COMPLIANCE WITH ''NEW YORK STATE STANDARDS AND SPECIFICATIONS	OF ENVIRONMENTAL CONSERVATION (NYSDEC). A COPY OF THE NOI, SIGNED MS4 SWPPP ACCEPTANCE FORM (IF APPLICABLE), AND THE NOI ACKNOWLEDGEMENT SHALL BE MAINTAINED AT THE SITE IN THE LOG BOOK.	2. INSTALL PERIMETEI
H INTEGRAL	FOR EROSION AND SEDIMENT CONTROL", LATEST REVISIONS.	2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COMPLYING WITH THE	SHOWN ON THE PR
TM D3034, VC SDR-35	3. PRIOR TO THE COMMENCEMENT OF CONSTRUCTION, ALL EROSION AND SEDIMENT CONTROLS SHALL BE INSTALLED IN ACCORDANCE WITH THE PLANS. SITE PREPARATION ACTIVITIES SHALL BE PLANNED TO MINIMIZE THE SCOPE AND DURATION OF SOIL DISRUPTION. EXISTING VEGETATION SHALL BE PRESERVED AS MUCH AS IS PRACTICAL.	FOLLOWING: A. THE CONTRACTOR AND THEIR SUBCONTRACTORS SHALL READ AND UNDERSTAND THE CONDITIONS OF THE "NYSDEC SPDES GENERAL PERMIT FOR STORM WATER DISCHARGES FROM CONSTRUCTION ACTIVITIES"	OF 5-ACRES, UNL A GREATER AMC CONCURRENTLY WI THAN 5-ACRES AF CHIPS AND/OR
LEAST 10' IAIN. THE MAINTAIN A MAY ALLOW FROM THE	4. THE CONTRACTOR AND THEIR SUBCONTRACTOR(S) SHALL IDENTIFY THE TRAINED INDIVIDUAL THAT WILL BE RESPONSIBLE FOR THE IMPLEMENTATION AND MAINTENANCE OF THE EROSION AND SEDIMENT CONTROL MEASURES THROUGHOUT THE DURATION OF CONSTRUCTION.	<ul> <li>(NYSDEC SPDES GENERAL PERMIT) IN EFFECT.</li> <li>B. THE CONTRACTOR AND THEIR SUBCONTRACTORS SHALL READ AND SIGN THE CERTIFICATION STATEMENT PROVIDED IN THE APPENDICES OF THE STORMWATER POLLUTION PREVENTION PLAN (SWPPP).</li> </ul>	STABILIZE THE CLE GENERATED AS PA TO PRODUCE WOOD 4. INSPECT ALL ERG
ON OF THE MAIN IS IN OCATED ON OM OF THE	5. PERMANENT TRAFFIC CORRIDORS SHALL BE ESTABLISHED AND "ROUTES OF CONVENIENCE" SHALL BE AVOIDED. STABILIZED CONSTRUCTION ENTRANCES SHALL BE INSTALLED AT ALL POINTS OF ENTRY ONTO THE PROJECT SITE.	C. THE CONTRACTOR AND THEIR SUBCONTRACTORS SHALL IDENTIFY THE TRAINED INDIVIDUAL(S) THAT WILL BE RESPONSIBLE FOR THE IMPLEMENTATION AND MAINTENANCE OF THE SWPPP. THE TRAINED INDIVIDUAL(S) SHALL READ AND SIGN THE CERTIFICATION STATEMENT	GRUBBING ACTIVIT MEASURES UPON D BULK GRADING CONSTRU 1. THE CONTRACTOR
DE OF THE THE CASE	6. DAMAGE TO SURFACE WATERS RESULTING FROM EROSION AND SEDIMENTATION SHALL BE MINIMIZED BY STABILIZING DISTURBED AREAS AND BY REMOVING SEDIMENT FROM CONSTRUCTION SITE DISCHARGES.	PROVIDED IN THE SWPPP. A COPY OF THE SIGNED CERTIFICATION STATEMENT SHALL BE PLACED IN THE SITE LOG BOOK AND GIVEN TO THE TOWN FOR THEIR RECORDS. D. THE TRAINED INDIVIDUAL(S) SHALL PROVIDE DOCUMENTATION THAT	THE COMMENCEMEN 2. INSTALL TEMPOR STORMWATER RUN BASINS. TEMPOR
TS WILL BE TS. WHERE STRUCTURAL DAMAGE TO	<ol> <li>STOCKPILED TOPSOIL SHALL BE TEMPORARILY SEEDED, MULCHED, AND ENCLOSED WITH SILT FENCING. ALL GRASS SEED WILL CONTAIN AT LEAST 25 PERCENT RAPID GERMINATING PERENNIAL RYE GRASS.</li> <li>8. EROSION AND SEDIMENT CONTROL INSPECTIONS:</li> </ol>	HE/SHE HAS RECEIVED TRAINING IN PROPER EROSION AND SEDIMENT CONTROL PRINCIPLES FROM A SOIL AND WATER CONSERVATION DISTRICT, OR OTHER NYSDEC ENDORSED ENTITY TO THE TOWN FOR THEIR RECORDS. E. THE CONTRACTOR SHALL OBTAIN ALL REQUIRED CONSTRUCTION PERMITS	MANNER THAT W DIVERSION MEASUR 3. THE TEMPORARY S THE GRAVEL LAYE
EXCESSIVE	A. THE TRAINED INDIVIDUAL SHALL INSPECT ALL EROSION AND SEDIMENT CONTROL MEASURES ON A DAILY BASIS TO ENSURE PROPER PERFORMANCE. ANY SEDIMENT BUILD-UP SHALL BE CLEANED. ALL	NECESSARY FOR THE WORK OUTLINED HEREIN. F. THE TRAINED CONTRACTOR SHALL BE RESPONSIBLE FOR IMPLEMENTATION	THE TOP OF THE DEWATERING DEV DEWATERING RISER THE PRIMARY INLE
CE OF THE RRECT THE FROM THE EAK AT NO	DAMAGES TO EROSION AND SEDIMENT CONTROLS SHALL BE REPAIRED EITHER AT THE BEGINNING OR AT THE END OF EACH WORKING DAY. B. THE QUALIFIED INSPECTOR SHALL CONDUCT SITE INSPECTIONS EVERY 7 DAYS DURING CONSTRUCTION. ANY DEFICIENCIES NOTED IN THE	<ul><li>OF ALL STORMWATER POLLUTION PREVENTION MEASURES OUTLINED IN THE SWPPP AND PROJECT PLANS.</li><li>G. THE CONTRACTOR SHALL HOLD A PRE-CONSTRUCTION CONFERENCE WITH THE OWNER (AND/OR OWNER'S REPRESENTATIVES), TRAINED INDIVIDUAL(S),</li></ul>	TYPE 4545 OR A FINES FROM ENTER 4. THE EARTHWORK ( THE PHASING PLA
WITH THE VERSION.	REPORTS SHALL BE CORRECTED IMMEDIATELY BY THE CONTRACTOR. C. IF SOIL DISTURBANCE ACTIVITIES ARE SUSPENDED FOR WINTER SHUTDOWN, TEMPORARY STABILIZATION MEASURES WILL BE APPLIED	TOWN ENGINEER, TOWN WATER SUPERINTENDENT, AND THE QUALIFIED PROFESSIONAL AT LEAST ONE WEEK PRIOR TO COMMENCEMENT OF CONSTRUCTION. H. THE CONTRACTOR OR OWNER SHALL HAVE THE QUALIFIED PROFESSIONAL,	MATERIAL, THE EX REQUIRING FILL AS THE PHASES DOES
E TOWN OF	TO ALL DISTURBED AREAS. IN THIS CASE AND SUBJECT TO THE APPROVAL OF THE NYSDEC AND THE TOWN, THE FREQUENCY OF INSPECTIONS BY THE QUALIFIED PROFESSIONAL MAY BE REDUCED TO AT LEAST ONE INSPECTION EVERY 30 CALENDAR DAYS.	AS DEFINED WITHIN THE NYSDEC SPDES GENERAL PERMIT, CONDUCT AN INITIAL SITE ASSESSMENT AND CERTIFY THAT THE APPROPRIATE EROSION AND SEDIMENT CONTROL STRUCTURES AS DEPICTED ON THE PLANS HAVE BEEN ADEQUATELY INSTALLED AND IMPLEMENTED PRIOR TO COMMENCEMENT OF CONSTRUCTION. REFER TO SWPPP FOR THE INITIAL	5. ANY TEMPORARY EROSION WITH SEE CONDITIONS WARR/ INFORMATION.)
N TO THE RMIT FROM JCTION THE TOWN	D. IF NYSDEC OR THE TOWN AUTHORIZES SOIL DISTURBANCES GREATER THAN 5-ACRES, THE QUALIFIED PROFESSIONAL WILL CONDUCT AT LEAST 2 SITE INSPECTIONS, SEPARATED BY AT LEAST 2 CALENDAR DAYS, EVERY 7 CALENDAR DAYS TO ENSURE THE STABILITY AND EFFECTIVENESS OF ALL PROTECTIVE MEASURES AND PRACTICES UNTIL SUCH TIME THAT LESS THAN 5-ACRES OF SOIL REMAIN DISTURBED.	SITE ASSESSMENT GUIDELINES. I. THE CONTRACTOR SHALL MAINTAIN A RECORD OF ALL EROSION AND SEDIMENT CONTROL INSPECTION REPORTS AT THE SITE IN A LOG BOOK. THE SITE LOG BOOK SHALL BE MAINTAINED ON-SITE AND BE MADE AVAILABLE TO THE PERMITTING AUTHORITY.	<ol> <li>TO MINIMIZE UNNER SHALL BE MANAGE FILL PROGRESSES,</li> <li>THE DISTURBED PROGRESSES.</li> </ol>
ON BY THE HALL BE	9. THE CONTRACTOR IS RESPONSIBLE FOR CONTROLLING DUST BY SPRINKLING EXPOSED SOIL AREAS PERIODICALLY WITH WATER AS REQUIRED. THE CONTRACTOR IS TO SUPPLY ALL EQUIPMENT AND WATER.	3. ONCE CONSTRUCTION ACTIVITIES ARE COMPLETE, THE OWNER/OPERATOR SHALL HAVE A QUALIFIED PROFESSIONAL CONDUCT A FINAL SITE ASSESSMENT TO DETERMINE IF THE SITE MEETS THE FINAL STABILIZATION CRITERIA AS DEFINED WITHIN THE NYSDEC SPDES GENERAL PERMIT. IF THE	8. REPEAT THE ABO NECESSARY FILL M
ES IN DRMING TO	10. EARTHWORK ACTIVITIES SHALL BE CONSISTENT WITH THE PLANS. THE EARTHWORK OPERATION AREAS SHALL BE STABILIZED ON AN ONGOING BASIS WITH NO AREAS, WHICH ARE NOT CURRENTLY UNDER CONSTRUCTION, LEFT WITHOUT AT LEAST TEMPORARY COVER FOR MORE THAN 48 HOURS.	SITE IS DETERMINED TO MEET THE FINAL STABILIZATION CRITERIA, A NOTICE OF TERMINATION (NOT) SHALL BE COMPLETED AND SUBMITTED TO THE NYSDEC TO TERMINATE COVERAGE UNDER THE SPDES GENERAL PERMIT.	9. THE TEMPORARY S SOIL DISTURBANCE SEDIMENT BASINS I 10. THE PERMANENT S COMPLETED UNTIL
HAVE A	11. EROSIVE MATERIAL TEMPORARILY STOCKPILED ON THE SITE DURING THE CONSTRUCTION PROCESS SHALL BE LOCATED IN AN AREA AWAY FROM STORM DRAINAGE AND SHALL BE PROPERLY PROTECTED BY A SURROUNDING SILT FENCE BARRIER.	GOOD HOUSEKEEPING PRACTICES ARE DESIGNED TO MAINTAIN A CLEAN AND ORDERLY WORK ENVIRONMENT. GOOD HOUSEKEEPING MEASURES SHALL BE MAINTAINED THROUGHOUT THE CONSTRUCTION PROCESS BY THOSE PARTIES INVOLVED WITH THE DIRECT CARE AND DEVELOPMENT OF THE SITE. THE	HAVE BEEN CONST GENERAL CONSTRUCTION 1. BULK GRADING OPE
I OF TED WITH	12. FOLLOWING THE COMPLETION OF CONSTRUCTION ACTIVITIES IN ANY PORTION OF THE SITE, PERMANENT VEGETATION SHALL BE ESTABLISHED ON ALL EXPOSED LANDSCAPE SOILS.	FOLLOWING MEASURES SHOULD BE IMPLEMENTED TO CONTROL THE POSSIBLE EXPOSURE OF HARMFUL SUBSTANCES AND MATERIALS TO STORMWATER RUNOFF: 1. MATERIAL RESULTING FROM THE CLEARING AND GRUBBING OPERATION	2. PREPARE PAVEMEN PROTECTION MEAS OPERATION, BUT M THE SUBBASE M
OF SERVICE PPROVAL NT. NO	13. IF CONSTRUCTION TAKES PLACE IN "WET SOILS", CURTAIN DRAINS OR SUBSURFACE DRAINAGE SHALL BE INSTALLED TO DEWATER THE SOILS. DEWATERING DISCHARGES WILL NOT BE DIRECTED INTO WETLANDS, WATER COURSES, WATER-BODIES, OR STORM SEWER SYSTEMS.	<ul> <li>SHALL BE STOCKPILED AWAY FROM STORM DRAINAGE, WATER BODIES AND/OR WATERCOURSES AND SURROUNDED WITH ADEQUATE EROSION AND SEDIMENT CONTROL MEASURES. SOIL STOCKPILE LOCATIONS SHALL BE EXPOSED NO LONGER THAN 14 DAYS BEFORE SEEDING.</li> <li>2. EQUIPMENT MAINTENANCE AREAS SHALL BE PROTECTED FROM STORMWATER</li> </ul>	REPLACED ONCE TI 3. INSTALL PROPOSEL MEASURES MAY BE NO MORE THAN MATERIAL. INLET
ECTION ARTMENT.	15. TEMPORARY DRAINAGE SWALES WITH A MINIMUM GRADE OF ONE PERCENT SHALL BE INSTALLED TO DIRECT RUNOFF AWAY FROM EXCAVATED AREAS. SWALES SHALL BE INSTALLED WITH STAKED AND SECURED HAY BALE BERMS TO PREVENT DOWNSTREAM SILTATION. LOCATION OF THE DRAINAGE SWALES AND HAY BALES WILL BE AT THE DIRECTION OF THE DESIGN ENGINEER. SILT FENCE SHALL BE PROPERLY INSTALLED DOWN	FLOWS AND SHALL BE SUPPLIED WITH APPROPRIATE WASTE RECEPTACLES FOR SPENT CHEMICALS, SOLVENTS, OILS, GREASES, GASOLINE, AND ANY POLLUTANTS THAT MIGHT CONTAMINATE THE SURROUNDING HABITAT AND/OR WATER SUPPLY. EQUIPMENT WASH-DOWN ZONES SHALL BE LOCATED WITHIN AREAS DRAINING TO SEDIMENT CONTROL DEVICES.	4. FINISH GRADING A BASINS, DRAINAGE OF ANY ACCUMULA
THE TERIALS THE TOWN	GRADE OF ALL DISTURBED AREAS. SILT FENCE SHALL BE INSTALLED ALONG CONTOURS TO FILTER SEDIMENT FROM RUNOFF. INSPECTION BY CONTRACTOR SHOULD BE FREQUENT AND REPAIR OR REPLACEMENT SHOULD BE MADE PROMPTLY AS NEEDED. SILT FENCE SHOULD BE REMOVED WHEN THEY HAVE SERVED THEIR USEFULNESS SO AS NOT TO	<ol> <li>THE USE OF DETERGENTS FOR LARGE-SCALE (I.E., VEHICLES, BUILDINGS, PAVEMENT SURFACES, ETC.) WASHING IS PROHIBITED.</li> <li>MATERIAL STORAGE LOCATIONS AND FACILITIES (I.E., COVERED STORAGE</li> </ol>	5. REMOVE ALL ACCU BASINS. REMO CONSTRUCTION FAE
IAMETER RMING TO SION.	BLOCK OR IMPEDE STORM FLOW OR DRAINAGE. 16. TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES SHALL BE REMOVED WHEN ALL DISTURBED AREAS HAVE UNDERGONE FINAL	AREAS, STORAGE SHEDS, ETC.) SHALL BE LOCATED ON-SITE AND SHALL BE STORED ACCORDING TO THE MANUFACTURER'S STANDARDS IN A DEDICATED STAGING AREA. CHEMICALS, PAINTS, SOLVENTS, FERTILIZERS,	6. FINALIZE CONSTRU- PONDS UPON COMP     7. INSTALL ALL PLAN
REQUIRED. OF JOINT ESTRAINT RETAINER D WITH	STABILIZATION, UPGRADIENT SURFACES HAVE BEEN PROPERLY STABILIZED, AND ALL STORMWATER MANAGEMENT SYSTEMS ARE IN PLACE AND OPERABLE. ALL AREAS DISTURBED BY THE REMOVAL OF THE TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES SHALL BE FILLED IN, TOPSOILED, SEEDED, AND MULCHED. FINAL STABILIZATION IS ACHIEVED	AND OTHER TOXIC MATERIAL MUST BE STORED IN WATERPROOF CONTAINERS. RUNOFF CONTAINING SUCH MATERIALS MUST BE COLLECTED, REMOVED FROM THE SITE, TREATED AND DISPOSED AT AN APPROVED SOLID WASTE OR CHEMICAL DISPOSAL FACILITY.	8. PLACE PAVEMENT APPROPRIATE.
HALL BE USE OF A PRIOR	WHEN ALL SOIL DISTURBING ACTIVITIES ARE COMPLETED AND A UNIFORM PERENNIAL VEGETATIVE COVER WITH A DENSITY OF 80 PERCENT COVERAGE IS ESTABLISHED, OR EQUIVALENT STABILIZATION MEASURES, SUCH AS PLACEMENT OF MULCH OR GEOTEXTILE, IS COMPLETED ON ALL AREAS NOT PAVED OR COVERED BY PERMANENT STRUCTURES. ENSURE THAT FINAL STABILIZATION OF ALL TRIBUTARY AREAS IS ACHIEVED PRIOR	5. HAZARDOUS SPILLS SHALL BE IMMEDIATELY CONTAINED TO PREVENT SUCH POLLUTANTS FROM ENTERING THE SURROUNDING HABITAT AND/OR WATER SUPPLY. SPILL KITS SHALL BE PROVIDED ON-SITE AND SHALL BE DISPLAYED IN A PROMINENT LOCATION FOR EASE OF ACCESS AND USE. SPILLS GREATER THAN FIVE (5) GALLONS SHALL BE REPORTED TO THE NYSDEC RESPONSE UNIT AT 1-800-457-7362. IN ADDITION, A RECORD	9. REMOVE ALL TEMF IMMEDIATELY STAB ESTABLISH PERM LANDSCAPING. THE LIMITS OF DISTURB/
CAL JOINT, JCTILE ICTILE IRON	TO THE CONSTRUCTION OF THE BIORETENTION BASINS. TELEPHONE NOTES	OF THE INCIDENT(S) AND/OR NOTIFICATIONS SHALL BE DOCUMENTED AND ATTACHED TO THE SWPPP. 6. PORTABLE SANITARY WASTE FACILITIES SHALL BE PROVIDED ON-SITE FOR	THE COMMENCEMENT OF OCCUR. THE ENTIRE BULK GRADING ACTIVITIE APPROPRIATE STABILIZA OTHER PORTIONS OF TI
VALVES	1. ALL UNDERGROUND TELEPHONE RELATED INSTALLATIONS SHALL BE COORDINATED BY THE CONTRACTOR WITH THE TELEPHONE COMPANY.	WORKERS AND SHALL BE PROPERLY MAINTAINED. 7. DUMPSTERS AND/OR DEBRIS CONTAINERS SHALL BE LOCATED ON-SITE AND SHALL BE OF ADEQUATE SIZE TO MANAGE RESPECTIVE MATERIALS.	CHIPS OVER THE DIS AREAS ARE COMPLETE.
ER H-615 IENT	<ol> <li>TELEPHONE CONDUIT SHALL BE SCH. 40 PVC OR AS REQUIRED BY THE TELEPHONE COMPANY.</li> <li>MINIMUM TELEPHONE CONDUIT BURIAL DEPTH SHALL BE TWO FEET, OR</li> </ol>	REGULAR COLLECTION AND DISPOSAL OF WASTES SHALL OCCUR AS REQUIRED.	A MINIMUM OF TWO S CALENDAR DAYS BY THI EFFECTIVENESS OF AL
AS ING TESTING ACCEPTED JTTING	<ul> <li>GREATER IF REQUIRED BY THE TELEPHONE COMPANY.</li> <li>4. BUILDING CONTRACTOR SHALL ROUTE TELEPHONE SERVICE INSIDE OF THE BUILDING TO ONE COMMON POINT FOR CONNECTION TO THE SITE TELEPHONE CONDUIT.</li> </ul>	8. TEMPORARY CONCRETE WASHOUT FACILITIES SHOULD BE LOCATED A MINIMUM OF 50 FEET FROM STORM DRAIN INLETS, OPEN DRAINAGE FACILITIES, AND WATERCOURSES. EACH FACILITY SHOULD BE LOCATED AWAY FROM CONSTRUCTION TRAFFIC OR ACCESS AREAS TO PREVENT DISTURBANCE OR TRACKING. A SIGN SHOULD BE INSTALLED ADJACENT TO	CONSTRUCTION FOR AS DISTURBED. SOIL RESTORATION SHA
AWWA	ELECTRICAL SERVICE NOTES	EACH WASHOUT FACILITY TO INFORM CONCRETE EQUIPMENT OPERATORS TO UTILIZE THE PROPER FACILITIES. WHEN TEMPORARY CONCRETE WASHOUT FACILITIES ARE NO LONGER REQUIRED FOR THE WORK, THE HARDENED CONCRETE SHALL BE REMOVED AND DISPOSED OF MATERIALS LISED TO	SOILS SHALL BE RESTO
IOSE TER INLET L TS ON YELLOW.	<ol> <li>ALL ABOVEGROUND AND UNDERGROUND ELECTRICAL SERVICE RELATED INSTALLATIONS SHALL BE COORDINATED BY THE CONTRACTOR WITH THE ELECTRIC COMPANY, CENTRAL HUDSON.</li> <li>ELECTRICAL CONDUIT SHALL BE SCH. 80 PVC OR AS REQUIRED BY THE</li> </ol>	CONCRETE SHALL BE REMOVED AND DISPOSED OF. MATERIALS USED TO CONSTRUCT THE TEMPORARY CONCRETE WASHOUT FACILITIES SHALL BE REMOVED AND DISPOSED OF. HOLES, DEPRESSIONS OR OTHER GROUND DISTURBANCE CAUSED BY THE REMOVAL OF THE TEMPORARY CONCRETE WASHOUT FACILITIES SHALL BE BACKFILLED AND/OR REPAIRED, SEEDED, AND MULCHED FOR FINAL STABILIZATION.	NO SOIL DISTURBANCE MINIMAL SOIL DISTURBA CLEARING AND GRUBBIN
SMALLER LL BE R	ELECTRIC COMPANY. 3. MINIMUM ELECTRICAL CONDUIT BURIAL DEPTH SHALL BE THREE FEET, OR GREATER IF REQUIRED BY THE ELECTRIC COMPANY. GAS NOTES	9. NON-STORMWATER COMPONENTS OF SITE DISCHARGE MUST BE CLEAN WATER. WATER USED FOR CONSTRUCTION, WHICH DISCHARGES FROM THE SITE, MUST ORIGINATE FROM A PUBLIC WATER SUPPLY OR PRIVATE WELL APPROVED BY THE HEALTH DEPARTMENT. WATER USED FOR	AREAS WHERE TOPSOIL ONLY (NO CHANGE IN O AREAS OF CUT OR FILL HEAVY TRAFFIC AREAS
BE 04N FOR 1 314N FOR SIZES.	1. ALL UNDERGROUND GAS SERVICE RELATED INSTALLATIONS SHALL BE COORDINATED BY THE CONTRACTOR WITH THE GAS COMPANY, CENTRAL HUDSON.	CONSTRUCTION THAT DOES NOT ORIGINATE FROM AN APPROVED PUBLIC SUPPLY MUST NOT DISCHARGE FROM THE SITE. IT CAN BE RETAINED IN THE TEMPORARY SEDIMENT BASINS UNTIL IT EVAPORATES.	(ESPECIALLY IN 5' TO 3 BUILDINGS BUT NOT WI PERIMETER AROUND FO WALLS)
THE TOWN BE D WITH	2. GAS PIPING (SIZE AND MATERIAL) SHALL BE AS REQUIRED BY THE GAS COMPANY.	10. DISCHARGES FROM DEWATERING ACTIVITIES, INCLUDING DISCHARGES FROM DEWATERING TRENCHES AND EXCAVATIONS, MUST BE MANAGED BY APPROPRIATE CONTROL MEASURES.	AREAS WHERE RUNOFF AND/OR INFILTRATION F APPLIED
D IN ALL WITH THE	3. MINIMUM GAS PIPING BURIAL DEPTH SHALL BE THREE FEET, OR GREATER IF REQUIRED BY THE GAS COMPANY.	11. WASTEWATER DISCHARGES FROM WASHOUT AND CLEANOUT OF STUCCO, PAINT, FORM RELEASE OILS, CURING COMPOUNDS, AND OTHER CONSTRUCTION MATERIALS IS PROHIBITED.	REDEVELOPMENT PROJE
THE DM A GH WATER			PRIOR TO APPLYING FU
) BY THE			AND TRAFFICKING, SHO FURTHER DISTURBANCE. PHASE PROCESS. 1. DEEP RIP THE AFI



One North Broadway, Suite 910 White Plains, NY 10601 T: 914.323.7400 F: 914.323.7401 www.langan.com

# MATRIX I-84

Project

DISTRIBUTION CENTER SECTION No. 86, BLOCK No. 1, LOT No. 97 SECTION No. 89, BLOCK No. 1, LOT No. 66 and 69.11 TOWN OF NEWBURGH ORANGE COUNTY **NEW YORK**  LEGENDS & NOTES

Drawing Title

<u>CLE</u> / 1.	CONSTRUCTION S ARING AND GRUBBING ACTIVITIES FLAG THE DISTURBANCE LIMITS	S PRIOR TO	
2.	CLEARING AND GRUBBING ACTIVIT INSTALL PERIMETER SILT FENCE SHOWN ON THE PROJECT PLANS.		PROTECTION MEASURES AS
3.	CLEARING AND GRUBBING ACTIVI OF 5-ACRES, UNLESS REQUIRED A GREATER AMOUNT FROM	APPROVALS	ARE RECEIVED TO DISTURB OF NEWBURGH. STABILIZE
	CONCURRENTLY WITH THE CLEAN THAN 5-ACRES ARE CLEARED AN CHIPS AND/OR SPRAY MULCH STABILIZE THE CLEARED AREA.	ND GRUBBED SHALL BE CHIPPING TRI	AT ANY ONE TIME. WOODS USED TO TEMPORARILY EES AND STUMP GRINDINGS
4.	GENERATED AS PART OF THE CLI TO PRODUCE WOOD CHIPS.	DL MEASURES	5 DURING CLEARING AND
BULI	GRUBBING ACTIVITIES. REPAI MEASURES UPON DISCOVERY. GRADING CONSTRUCTION	R ANY DAM	1AGED EROSION CONTROL
1. 2.	THE CONTRACTOR SHALL DEMARC THE COMMENCEMENT OF CONSTRU- INSTALL TEMPORARY DIVERSIO	JCTION OF EA	CH PHASE.
	STORMWATER RUNOFF IS CONV BASINS. TEMPORARY DIVERSION MANNER THAT WILL ENSURE T DIVERSION MEASURE SHALL NOT I	/EYED TO T I MEASURES 'HAT THE TH EXCEED 5-AC	HE TEMPORARY SEDIMENT SHALL BE LOCATED IN A RIBUTARY AREA TO EACH RES.
3.	THE TEMPORARY SEDIMENT BASIN THE GRAVEL LAYER IN THE BIO THE TOP OF THE AQUATIC BENCH DEWATERING DEVICES AND O DEWATERING RISER IN ACCORDAN THE PRIMARY INLET OF THE OU TYPE 4545 OR APPROVED EQUA FINES FROM ENTERING THE STORM	RETENTION PI 1 IN THE STO DUTLET CON ICE WITH THE TLET CONTRO AL CONSTRUC	RACTICES AND GRADED TO RMWATER PONDS. INSTALL TROL STRUCTURES WITH PROJECT PLANS. COVER L STRUCTURE WITH AMOCO CTION FABRIC TO PREVENT
4.	THE EARTHWORK OPERATIONS WI THE PHASING PLANS. TO MININ MATERIAL, THE EXCESS CUT MA REQUIRING FILL AS LONG AS THE THE PHASES DOES NOT EXCEED 2	AIZE THE NEE ATERIAL CAN OVERALL TO	ED TO IMPORT OR EXPORT BE PLACED IN A PHASE
5.	ANY TEMPORARY OR TOPSOIL S EROSION WITH SEED/MULCH AND CONDITIONS WARRANT. (REFER INFORMATION.)	SHALL BE CO	OVERED IN RAIN EVENTS AS
6.	TO MINIMIZE UNNECESSARY DISTU SHALL BE MANAGED TO ENABLE FILL PROGRESSES, WHEREVER POS	THE INSTALL, SSIBLE.	ATION OF UTILITIES AS THE
7. 8.	THE DISTURBED AREAS SHALL PROGRESSES. REPEAT THE ABOVE PROCESS F		
9.	THE TEMPORARY SEDIMENT BASII SOIL DISTURBANCE ACTIVITIES 1	NS SHALL RE	MAIN IN PLACE UNTIL ALL
10.	SEDIMENT BASINS HAVE BEEN CO THE PERMANENT STORMWATER N COMPLETED UNTIL ALL OF THE C	MPLETED.	PRACTICES SHALL NOT BE
<u>GENI</u> 1.	HAVE BEEN CONSTRUCTED AND S ERAL CONSTRUCTION BULK GRADING OPERATIONS SHAL	TABILIZED.	
2.	PREPARE PAVEMENT SUBGRADE A PROTECTION MEASURES MAY BE OPERATION, BUT NO MORE THAT THE SUBBASE MATERIAL. INL	AND INSTALL E REMOVED N 24-HOURS ET PROTECTI	SUBBASE MATERIAL. INLET TEMPORARILY DURING THIS PRIOR TO PLACEMENT OF ON MEASURES SHALL BE
3.	REPLACED ONCE THE SUBBASE M INSTALL PROPOSED CURBING AN MEASURES MAY BE REMOVED TEM NO MORE THAN 24-HOURS PR MATERIAL. INLET PROTECTION ME	D BINDER CO IPORARILY DU IOR TO PLAI	DURSE. INLET PROTECTION IRING THIS OPERATION, BUT CEMENT OF THE SUBBASE
4.	FINISH GRADING AND STABILIZE BASINS, DRAINAGE MANHOLES, A OF ANY ACCUMULATED SILT AND	LLED. ALL DISTUR ND DRAINAGE	BED AREAS. ALL CATCH
5.	REMOVE ALL ACCUMULATED SEDI	MENT WITHIN MPORARY P	ERFORATED RISERS AND
6.	FINALIZE CONSTRUCTION OF THE PONDS UPON COMPLETION OF CO	BIORETENTION	N AREAS AND STORMWATER
7. 8.	INSTALL ALL PLANTINGS IN ACCOUNT		
9.	APPROPRIATE. REMOVE ALL TEMPORARY EROSIC IMMEDIATELY STABILIZE THE ARE ESTABLISH PERMANENT VEGE	AS DISTURBE	D DURING THEIR REMOVAL.
THE OCC BULI APP OTHI NOT CHIF	LANDSCAPING. LIMITS OF DISTURBANCE WILL BE COMMENCEMENT OF CONSTRUCTION JR. THE ENTIRE DISTURBANCE GRADING ACTIVITIES. PORTIONS ROPRIATE STABILIZATION MEASURES ER PORTIONS OF THE SITE. STA LIMITED TO, HYDRO-SEEDING, MU S OVER THE DISTURBED AREAS	N TO ENSURE AREA WILL E OF THE PHAS S WHILE CONS BILIZATION ME ILCHING, HAYI	OVER CLEARING DOES NOT BE CLEARED INITIALLY FOR E WILL BE STABILIZED WITH STRUCTION IS OCCURRING IN ETHODS WILL INCLUDE, BUT NG, AND SPREADING WOOD
A N Cali Effe	AS ARE COMPLETE. IINIMUM OF TWO SITE INSPECTIO ENDAR DAYS BY THE QUALIFIED IN CCTIVENESS OF ALL PROTECTIVE STRUCTION FOR AS LONG AS MO	SPECTOR TO MEASURES	ENSURE THE STABILITY AND AND PRACTICES DURING
DIST	URBED. SOIL RESTOR	ATION NO	DTES
	L RESTORATION SHALL BE PERFOR LS SHALL BE RESTORED AS FOLLO TYPE OF SOIL DISTURBANCE	WS:	TORATION REQUIREMENT
MIN	SOIL DISTURBANCE MAL SOIL DISTURBANCE (E.G., ARING AND GRUBBING ACTIVITIES)		N NOT PERMITTED
ARE ONL	AS WHERE TOPSOIL IS STRIPPED Y (NO CHANGE IN GRADE) AS OF CUT OR FILL		O APPLY 6" OF TOPSOIL
(ES BUII	VY TRAFFIC AREAS ON SITE PECIALLY IN 5' TO 25' AROUND DINGS BUT NOT WITHIN 5'	APPLY FULL	RESTORATION
WAL ARE	IMETER AROUND FOUNDATION LS) AS WHERE RUNOFF REDUCTION D/OR INFILTRATION PRACTICES ARE		N MY NOT BE REQUIRED, APPLIED TO ENHANCE
APF	EVELOPMENT PROJECTS	THE REDUCT APPROPRIAT SOIL RESTOR REDEVELOPM WHERE EXIS	ION SPECIFIED FOR THE
INCL AND	R TO APPLYING FULL SOIL REST UDING CONSTRUCTION EQUIPMENT TRAFFICKING, SHOULD BE FINIS	AND MATERIA	L STORAGE, SITE CLEANUP
РНА 1.	THER DISTURBANCE. FULL SOIL RI SE PROCESS. DEEP RIP THE AFFECTED THICKN AGGRESSIVELY FRACTURING IT I	NESS OF EXF	POSED SUBSOIL MATERIAL,
2.	REAPPLIED ON THE SITE. DECOMPACT, SIMULTANEOUSLY TH AND UPPER HALF OF THE AFFECTE	ROUGH THE	
	Project No. <b>190063</b> 3	302	Drawing No.
)	Date <b>JULY 10,</b> 2		CS002
	Drawn By		
	Checked By <b>MF</b>		Sheet <b>2</b> of <b>45</b>

Date: 7/7/2023 Time: 11:29 User: ascariano Style Table: Langan.stb Layout: CS002 Document Code: 190063302-0501-CS002-0101

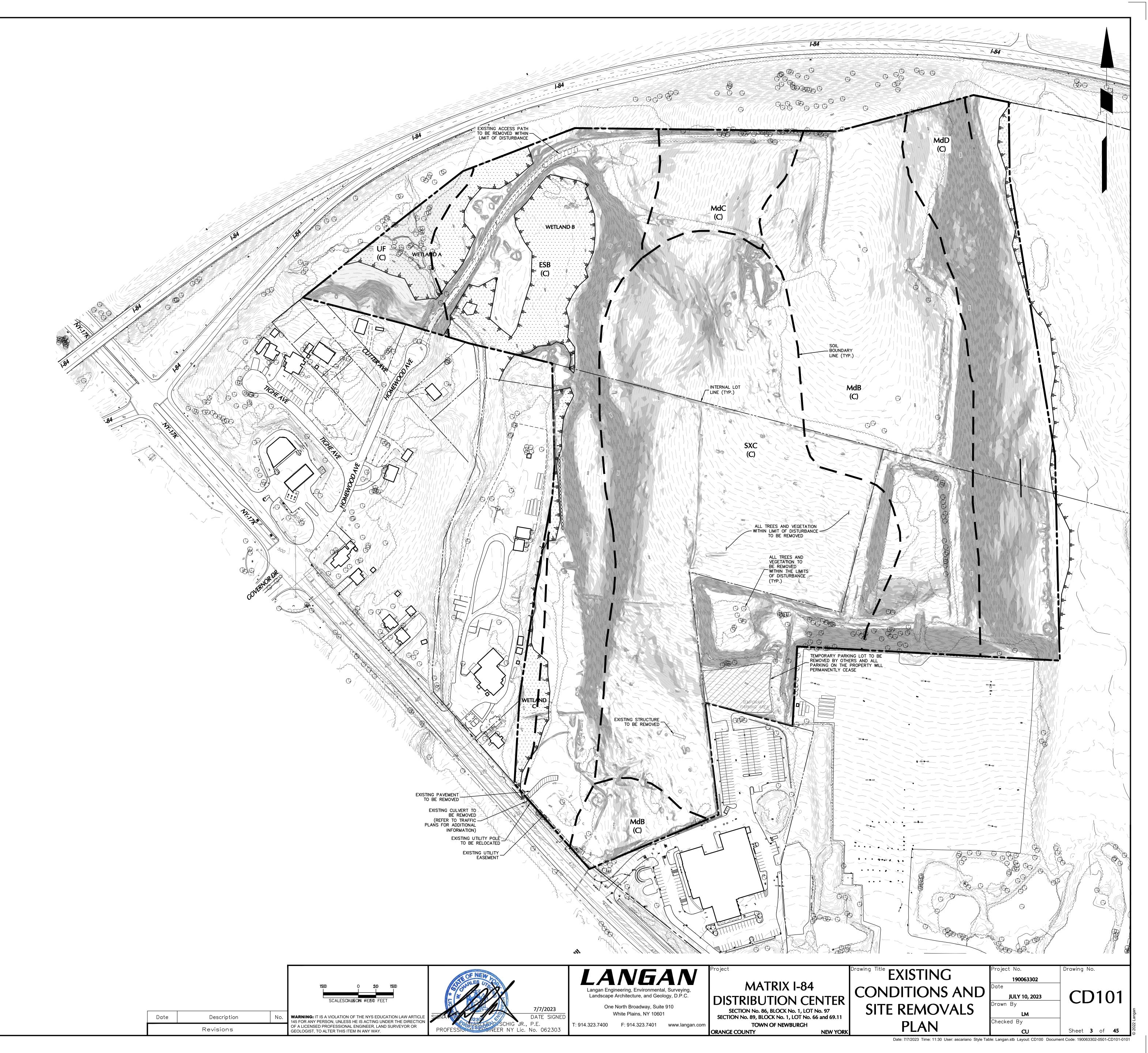
## **REFERENCE NOTES**

- . EXISTING SITE FEATURES, TOPOGRAPHIC, AND UTILITY INFORMATION SHOWN HEREON ARE FROM AN ALTA/NSPS LAND TITLE SURVEY PREPARED BY LAGAN ENGINEERING, ENVIRONMENTAL, SURVEYING, LANDSCAPE ARCHITECTURE, AND GEOLOGY, D.P.C
- 2. THE HORIZONTAL DATUM REFERENCED IS THE NORTH AMERICAN DATUM OF 1983 (NAD83), NEW YORK STATE EAST STATE PLANE.
- (NAD83), NEW YORK STATE EAST STATE PLANE. 3. THE VERTICAL DATUM REFERENCED IS THE NORTH AMERICAN VERTICAL DATUM OF 1988

(NAVD88).

4. ONSITE WETLANDS HAVE BEEN DELINEATED AND LOCATED BY LANGAN ENGINEERING, ENVIRONMENTAL, SURVEYING, LANDSCAPE ARCHITECTURE AND GEOLOGY, D.P.C. WETLAND SCIENTISTS ON 11/01/2022 AND 11/02/2022.

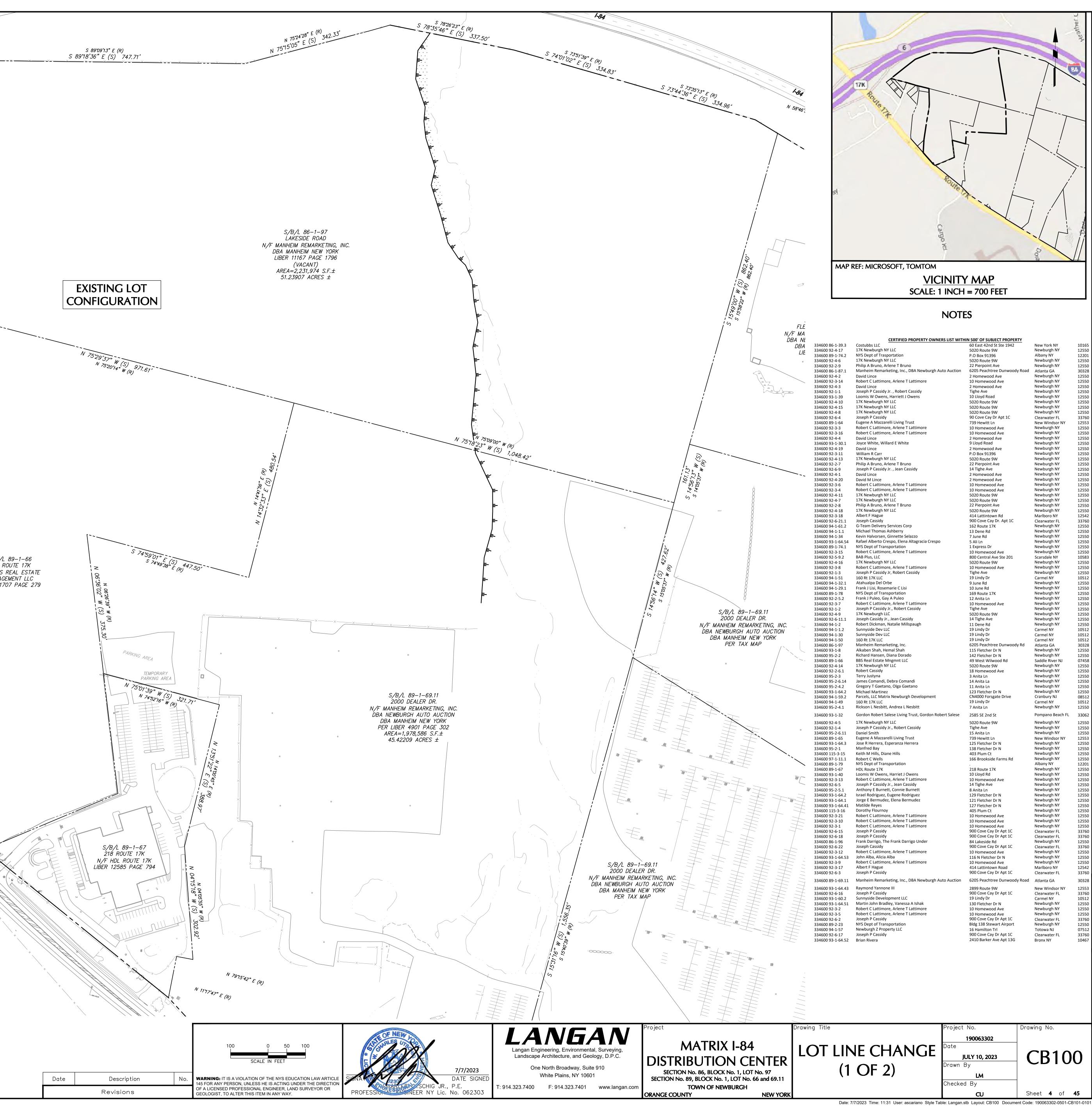
SLOPES TABLE					
NUMBER	MIN. SLOPE	MAX. SLOPE	AREA (SF)	AREA (AC)	COLOR
1	15.0%	20.0%	319,807	7.34	
2	20.0%	25.0%	193,050	4.43	
3	25.0%	Vertical	537,263	12.33	



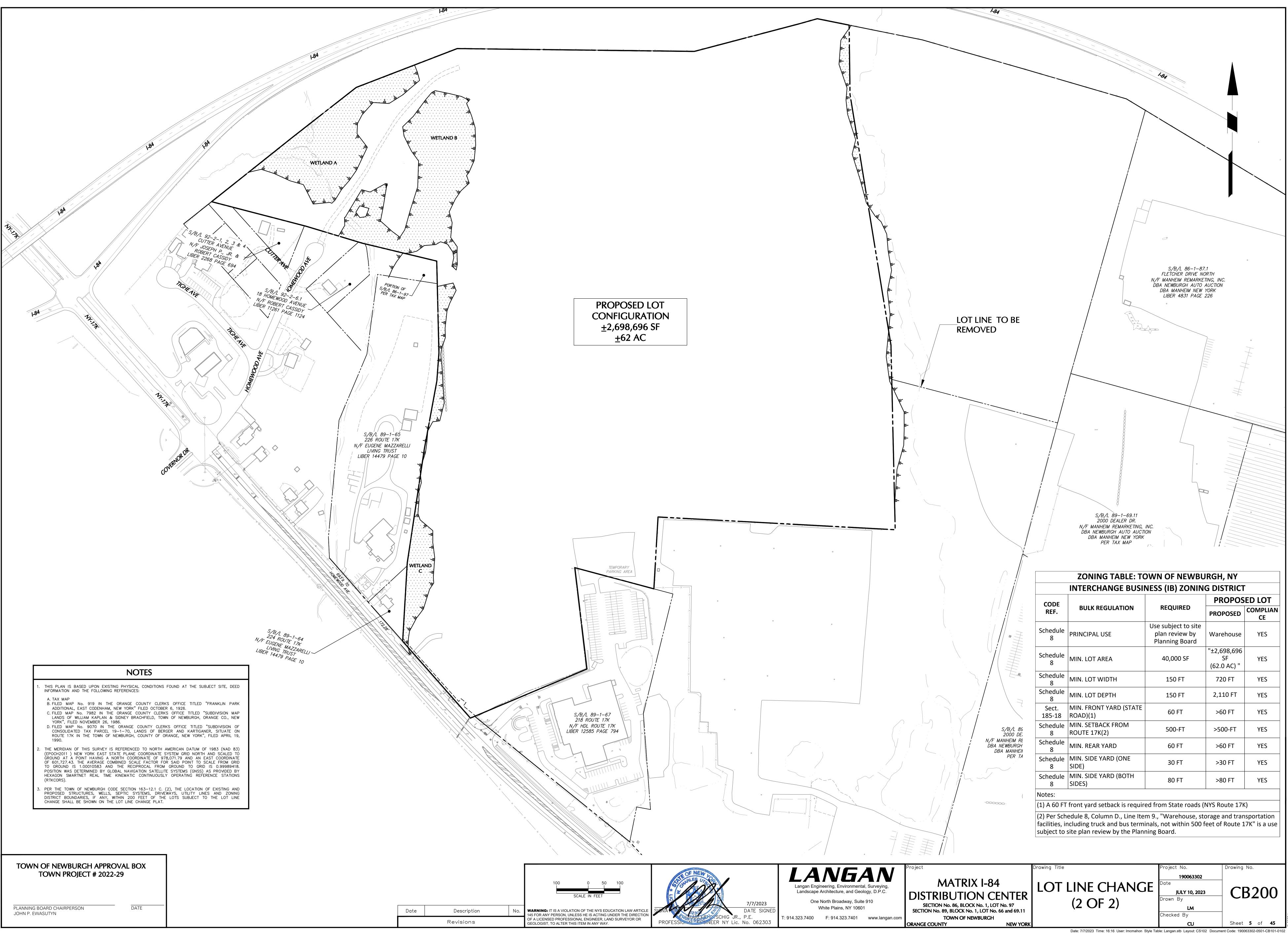
### TOWN OF NEWBURGH APPROVAL BOX TOWN PROJECT # 2022-29

				<b>I-84</b>
	1-84	N c8*56	69'05'41" E <sup>(R)</sup> 341.15' 5'18" E (S)	× × ×
	N 55	N 60		· · · ·
	N 52:01 20 (S) N 1:51 E			
	N 51.51		W	
<b>L8</b> <b>L8</b> <b>L</b> 8 <b>L</b> (R) 325.46 <b>L</b> 15 <sup>1</sup> (S)	WETLAND A			
N 51728728				
N 75'27'00" W (S) 306.62' N 75'17'37" W (R) S/B/	7			
CUTTER AVENUE N/F JOSEPH P. J. S & 4 ROBERT P. J. S	N 7372'34" W N 7372'34" W N 7303'11" W (R)	s)		
	MODAT		244.93' 6'27'55" W (S) 6'18'32" W (R)	
TICHEAUE IB HOMEWOOD AV LIBER 11261 5 CAS	-6.1 FAULT	POR S/B/L PER T	ПОN OF 86-1-97- 1х МАР	
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		S/B/L 89–1- 226 ROUTE	17K 🚽	_
COVERNOR DR		N/F EUGENE MAZ LIVING TRUS LIBER 14479 PA	ST 🚽	
				S/B/I 226 I N/F BBS MANAG LIBER 11
				LIBER 11.
	693'±	TO DD AVE.	WETLAND C	
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		+		
		+		λ
NOTES				
<ol> <li>THIS PLAN IS BASED UPON EXISTING PHYSICAL CONDITIONS FOUND AT THE S INFORMATION AND THE FOLLOWING REFERENCES:         <ul> <li>A. TAX MAP</li> <li>B. FILED MAP No. 919 IN THE ORANGE COUNTY CLERKS OFFICE TITLED</li> </ul> </li> </ol>				+
ADDITIONAL, EAST CODENHAM, NEW YORK" FILED OCTOBER 6, 1926. C. FILED MAP No. 7982 IN THE ORANGE COUNTY CLERKS OFFICE TITLED LANDS OF WILLIAM KAPLAN & SIDNEY BRACHFIELD, TOWN OF NEWBURGH, YORK", FILED NOVEMBER 26, 1986. D. FILED MAP No. 9070 IN THE ORANGE COUNTY CLERKS OFFICE TITLED	"SUBDIVISION MAP ORANGE CO., NEW			+
CONSOLIDATED TAX PARCEL 19-1-70, LANDS OF BERGER AND KARTIG ROUTE 17K IN THE TOWN OF NEWBURGH, COUNTY OF ORANGE, NEW YORK 1990. 2. THE MERIDIAN OF THIS SURVEY IS REFERENCED TO NORTH AMERICAN DATUM	GANER, SITUATE ON K", FILED APRIL 19, OF 1983 (NAD 83)			+
(EPOCH2011) NEW YORK EAST STATE PLANE COORDINATE SYSTEM GRID NORT GROUND AT A POINT HAVING A NORTH COORDINATE OF 978,071.79 AND AN OF 601,727.43. THE AVERAGE COMBINED SCALE FACTOR FOR SAID POINT TO TO GROUND IS 1.00010583 AND THE RECIPROCAL FROM GROUND TO GR POSITION WAS DETERMINED BY GLOBAL NAVIGATION SATELLITE SYSTEMS (GNSS HEXAGON SMARTNET REAL TIME KINEMATIC CONTINUOUSLY OPERATING REI	TH AND SCALED TO EAST COORDINATE SCALE FROM GRID RID IS 0.99989418. S) AS PROVIDED BY			
<ul> <li>(RTKCORS).</li> <li>3. PER THE TOWN OF NEWBURGH CODE SECTION 163–12.1 C. (2), THE LOCATION PROPOSED STRUCTURES, WELLS, SEPTIC SYSTEMS, DRIVEWAYS, UTILITY L DISTRICT BOUNDARIES, IF ANY, WITHIN 200 FEET OF THE LOTS SUBJECT</li> </ul>	N OF EXISTING AND LINES AND ZONING			
CHANGE SHALL BE SHOWN ON THE LOT LINE CHANGE PLAT.				
TOWN PROJECT # 2022-29				
PLANNING BOARD CHAIRPERSON DATE JOHN P. EWASUTYN				

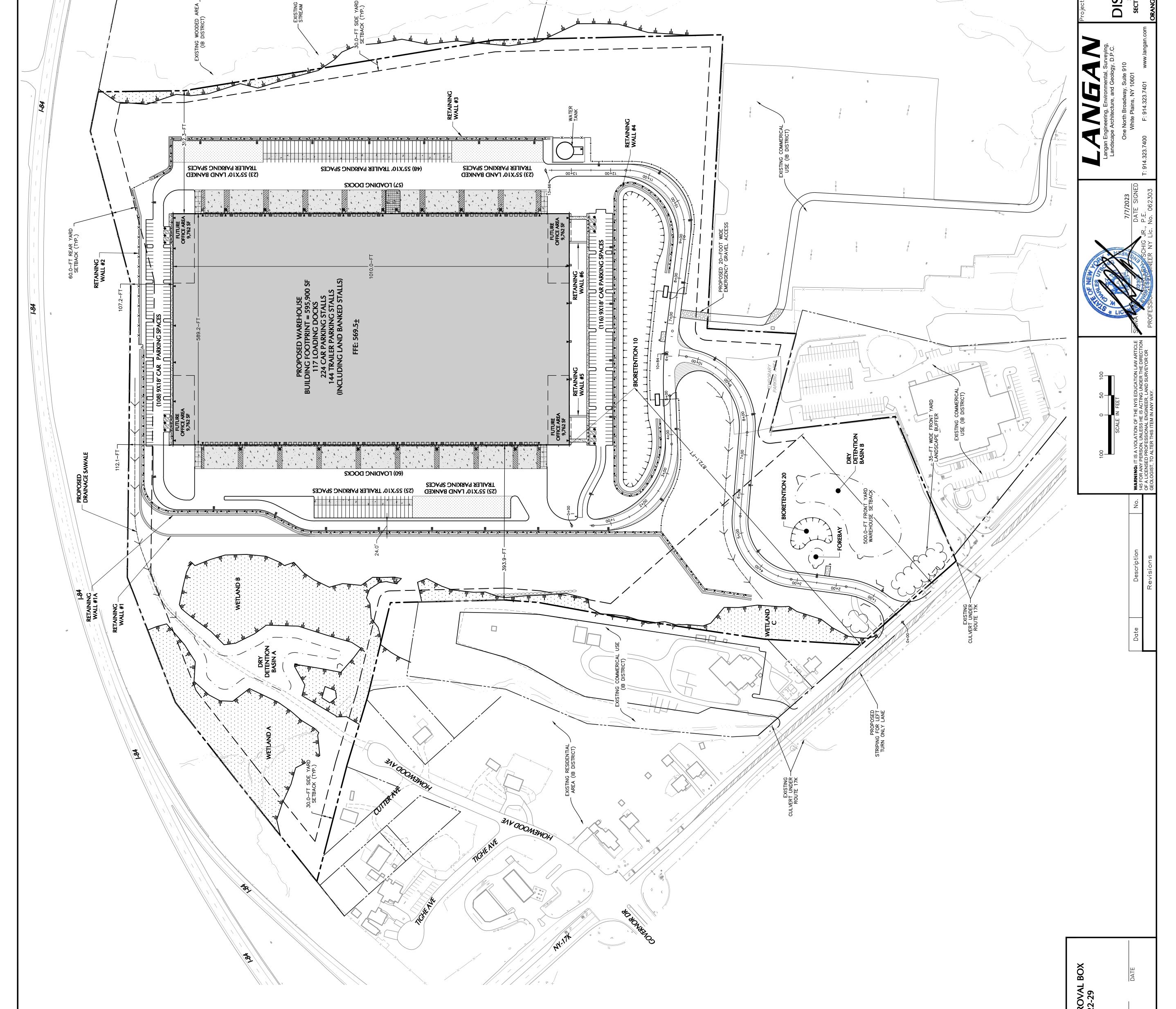
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	N 500' OF SUBJECT PROPERTY		
	60 East 42nd St Ste 1942 5020 Route 9W	New York NY Newburgh NY	10165 12550
	P.O Box 91396	Albany NY	12201
	5020 Route 9W 22 Pierpoint Ave	Newburgh NY Newburgh NY	12550
Auction	6205 Peachtree Dunwoody Road	Atlanta GA	12550 30328
	2 Homewood Ave	Newburgh NY	12550
	10 Homewood Ave 2 Homewood Ave	Newburgh NY Newburgh NY	12550 12550
	Tighe Ave	Newburgh NY	12550
	10 Lloyd Road	Newburgh NY	12550
	5020 Route 9W 5020 Route 9W	Newburgh NY Newburgh NY	12550 12550
	5020 Route 9W	Newburgh NY	12550
	90 Cove Cay Dr Apt 1C 739 Hewitt Ln	Clearwater FL New Windsor NY	33760 12553
	10 Homewood Ave	Newburgh NY	12550
	10 Homewood Ave	Newburgh NY	12550
	2 Homewood Ave 9 Lloyd Road	Newburgh NY Newburgh NY	12550 12550
	2 Homewood Ave	Newburgh NY	12550
	P.O Box 91396 5020 Route 9W	Newburgh NY Newburgh NY	12550 12550
	22 Pierpoint Ave	Newburgh NY	12550
	14 Tighe Ave	Newburgh NY	12550
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	10 Homewood Ave	Newburgh NY	12550
	10 Homewood Ave 5020 Route 9W	Newburgh NY Newburgh NY	12550 12550
	5020 Route 9W	Newburgh NY	12550
	22 Pierpoint Ave	Newburgh NY	12550
	5020 Route 9W 414 Lattintown Rd	Newburgh NY Marlboro NY	12550 12542
	900 Cove Cay Dr. Apt 1C	Clearwater FL	33760
	162 Route 17K	Newburgh NY Newburgh NY	12550
	13 Dene Rd 7 June Rd	Newburgh NY	12550 12550
	5 Ali Ln	Newburgh NY	12550
	1 Express Dr 10 Homewood Ave	Newburgh NY Newburgh NY	12550 12550
	800 Central Ave Ste 201	Scarsdale NY	10583
	5020 Route 9W	Newburgh NY Newburgh NY	12550
	10 Homewood Ave Tighe Ave	Newburgh NY	12550 12550
	19 Lindy Dr	Carmel NY	10512
	9 June Rd 10 June Rd	Newburgh NY Newburgh NY	12550 12550
	169 Route 17K	Newburgh NY	12550
	12 Anita Ln	Newburgh NY	12550
	10 Homewood Ave Tighe Ave	Newburgh NY Newburgh NY	12550 12550
	5020 Route 9W	Newburgh NY	12550
	14 Tighe Ave 11 Dene Rd	Newburgh NY Newburgh NY	12550
	19 Lindy Dr	Carmel NY	12550 10512
	19 Lindy Dr	Carmel NY	10512
	19 Lindy Dr 6205 Peachtree Dunwoody Rd	Carmel NY Atlanta GA	10512 30328
	115 Fletcher Dr N	Newburgh NY	12550
	142 Fletcher Dr N	Newburgh NY	12550
	49 West Wilwood Rd 5020 Route 9W	Saddle River NJ Newburgh NY	07458 12550
	18 Homewood Ave	Newburgh NY	12550
	3 Anita Ln 14 Anita La	Newburgh NY Newburgh NY	12550 12550
	11 Anita Ln	Newburgh NY	12550
	123 Fletcher Dr N	Newburgh NY	12550
	CN4000 Forsgate Drive 19 Lindy Dr	Cranbury NJ Carmel NY	08512 10512
	7 Anita Ln	Newburgh NY	12550
t Salese	2585 SE 2nd St	Pompano Beach FL	33062
	5020 Route 9W	Newburgh NY	12550
	Tighe Ave	Newburgh NY	12550
	15 Anita Ln 739 Hewitt Ln	Newburgh NY New Windsor NY	12550 12553
	125 Fletcher Dr N	Newburgh NY	12550
	138 Fletcher Dr N 403 Plum Ct	Newburgh NY Newburgh NY	12550 12550
	166 Brookside Farms Rd	Newburgh NY	12550
		Albany NY	12201
	218 Route 17K 10 Lloyd Rd	Newburgh NY Newburgh NY	12550 12550
	10 Homewood Ave	Newburgh NY	12550
	14 Tighe Ave 8 Anita Ln	Newburgh NY Newburgh NY	12550 12550
	129 Fletcher Dr N	Newburgh NY	12550
	121 Fletcher Dr N	Newburgh NY	12550
	127 Fletcher Dr N 405 Plum Ct	Newburgh NY Newburgh NY	12550 12550
	10 Homewood Ave	Newburgh NY	12550
	10 Homewood Ave 10 Homewood Ave	Newburgh NY Newburgh NY	12550 12550
	900 Cove Cay Dr Apt 1C	Clearwater FL	33760
	900 Cove Cay Dr Apt 1C	Clearwater FL	33760
	84 Lakeside Rd 900 Cove Cay Dr Apt 1C	Newburgh NY Clearwater FL	12550 33760
	10 Homewood Ave	Newburgh NY	12550
	116 N Fletcher Dr N 10 Homewood Ave	Newburgh NY Newburgh NY	12550
	10 Homewood Ave 414 Lattintown Road	Marlboro NY	12550 12542
	900 Cove Cay Dr Apt 1C	Clearwater FL	33760
Auction	6205 Peachtree Dunwoody Road	Atlanta GA	30328
	2899 Route 9W	New Windsor NY	12553
	900 Cove Cay Dr Apt 1C	Clearwater FL	33760
	19 Lindy Dr 130 Fletcher Dr N	Carmel NY Newburgh NY	10512 12550
	10 Homewood Ave	Newburgh NY	12550
	10 Homewood Ave 900 Cove Cay Dr Apt 1C	Newburgh NY	12550 33760
	Bldg 138 Stewart Airport	Clearwater FL Newburgh NY	33760 12550
	16 Hamilton Trl	Totowa NJ	07512
	900 Cove Cay Dr Apt 1C 2410 Barker Ave Apt 13G	Clearwater FL Bronx NY	33760 10467
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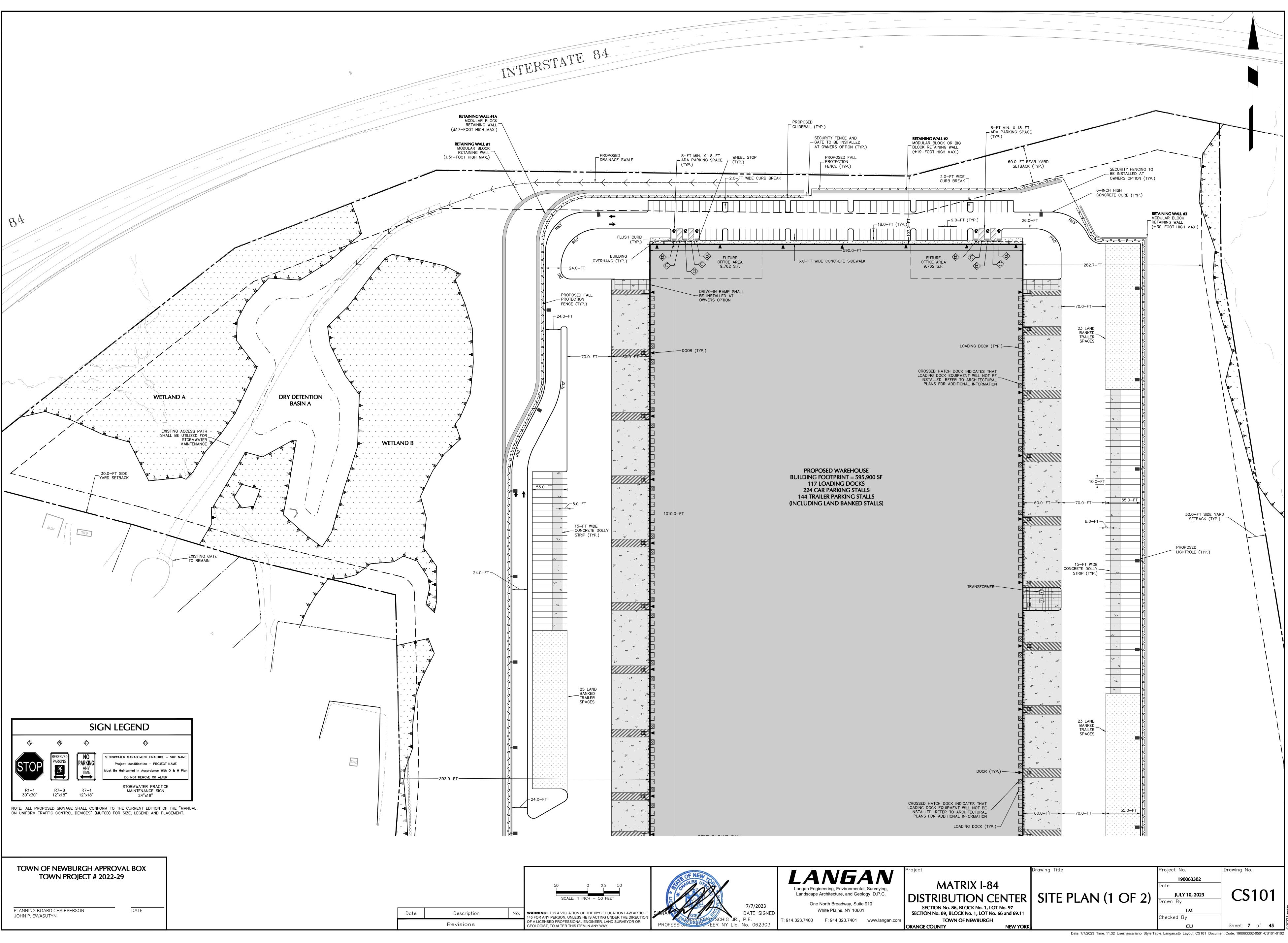


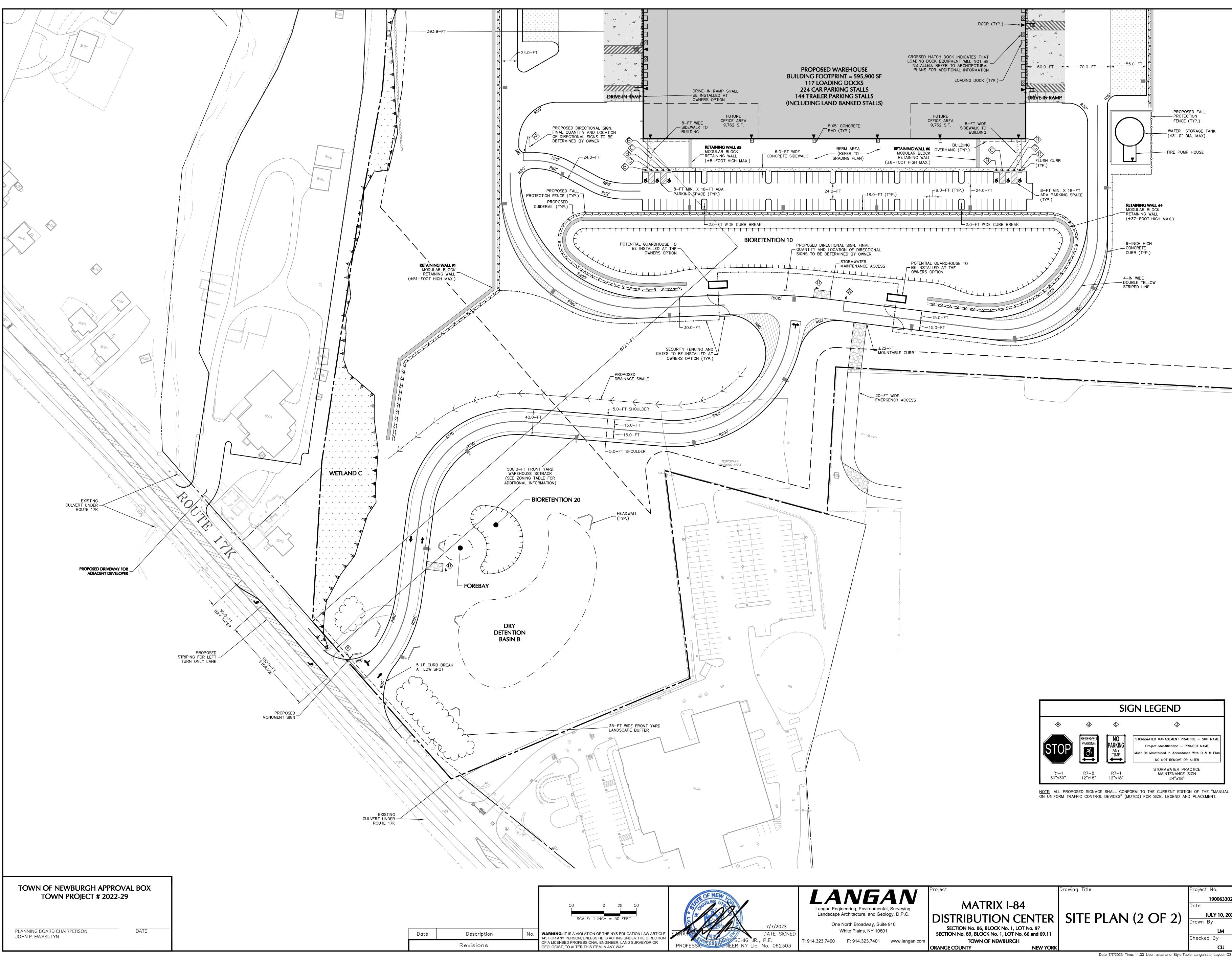
	ZONIN	<u>JG TABLE: TOV</u> JANGE BUSINE	ZONING TABLE: TOWN OF NEWBURGH, NY TERCHANGE BUSINESS (IB) ZONING DISTRICT	NY	
		TION	REQUIRED Use subject to site plan	PROPOSED CO	D LOT COMPLIANCE
	Schedule 8 PRINCIPAL USE Schedule 8 MIN. LOT AREA		eview by Planning Board 40,000 SF	Warehouse ±2,698,696 SF (62 ∩ ΔC)	YES YES
7	Schedule 8 MIN. LOT WIDTH Schedule 8 MIN. LOT DEPTH Schedule 8 MIN. LOT DEPTH	TE ROΔD1 <sup>(1)</sup>	150 FT 150 FT 6.0 ET	(62.0 AU) 720 FT 2,110 FT 877 1 ET	YES YES VES
	185-13 edule 8 edule 8	VIE ROAD) <sup>V-7</sup> OUTE 17K <sup>(2)</sup>	60 FT 500-FT 60 FT	872.1 FT 872.1 FT 107.2 FT	YES YES YFS
j	Schedule 8 MIN. SIDE YARD (ONE SI Schedule 8 MIN. SIDE YARD (BOTH S Schedule 8 MAX. LOT BUILDING CO	(IDE) SIDES) VERAGE	30 FT 80 FT 40%	312.3 FT 706.2 FT 22.1%	YES YES YES
	Schedule 8 MAX. BUILDING HEIGHT Schedule 8 MAX. LOT SURFACE COV Sect. 185-18 FRONT YARD LANDSCAP	T VERAGE PE	40 FT 80% 35 FT	< 40 FT <60% 35 FT	YES YES YES
*		1/K	ds (NYS Route 17K)		
	(2) Per Schedule 8, Column D., Line Ite bus terminals, not within 500 feet of R	em 9., "Warehouse Route 17K" is a use	e, storage and transportati e subject to site plan reviev	ion facilities, includi w by the Planning B	ing truck and oard.
Zone: IB	LOADING & OFF-STREE	T PARKING	REQUIREMENTS SECTI	TION (185-13)	
Loading 2 spaces space fo	Loading Requirements 2 spaces up to initial 40,000 SF and 1 additional space for each 40,000 square feet in addition to	the 555,500 SF	Required Initial 40,000 SF Building = Remaining Building / 40,01	2 spaces 00 SF = 13.9 spaces	
MG first 40, M Off-Stre		Ż space	s + 14 spaces = 16 loading	in all	> 16 spaces provided
Office B first 20,0	e Building: 1/200 SF of building floor area fo 0,000 SF of floor area, then 1/300 SF addit area	or 20 tional 20,000 S	0,000 SF total office space SF office / 200 SF = 100 s	proposed paces required	
(Wareho premise	iouse: 2 per 3 employees on duty or on th ses at any one time (minimum 2 spaces)	ne 186 empl 62 sp	loyees per shift / 3 employ aces * 2 spaces = 124 spa	yees = 62 spaces ices required	
	Tota	al 100 spa	aces + 124 spaces = 224 sp	paces required	224 total spaces provided
ADA AC	ADA Accessible Parking Requirements	201-300 tota	ll spaces = 7 ADA spaces re	equired	12 spaces
ATRIX 1-84 MATRIX 1-84 ISTRIBUTION CENTER SECTION No. 86, BLOCK No. 1, LOT No. 97 SECTION No. 89, BLOCK No. 1, LOT No. 66 and 69.11 TOWN OF NEWBURGH	R Brawing Title OVERAI SITE PLA	↓ ↓ ↓	Project No. 190063302 Date JULY 10, 2023 Drawn By LM Checked By	Drawing No.	OC2 Langan
NGE COUNTY NEW YC	Date: 7/7/2023 Time: 11:5	32 User: ascariano Style	CU Table: Langan.stb Layout: CS100	Document Code: 19006330	of <b>45</b> 2-0501-CS101-0101



PLANNING BOARD CHAIRPERSON JOHN P. EWASUTYN

TOWN OF NEWBURGH APPROVAL BOX TOWN PROJECT # 2022-29



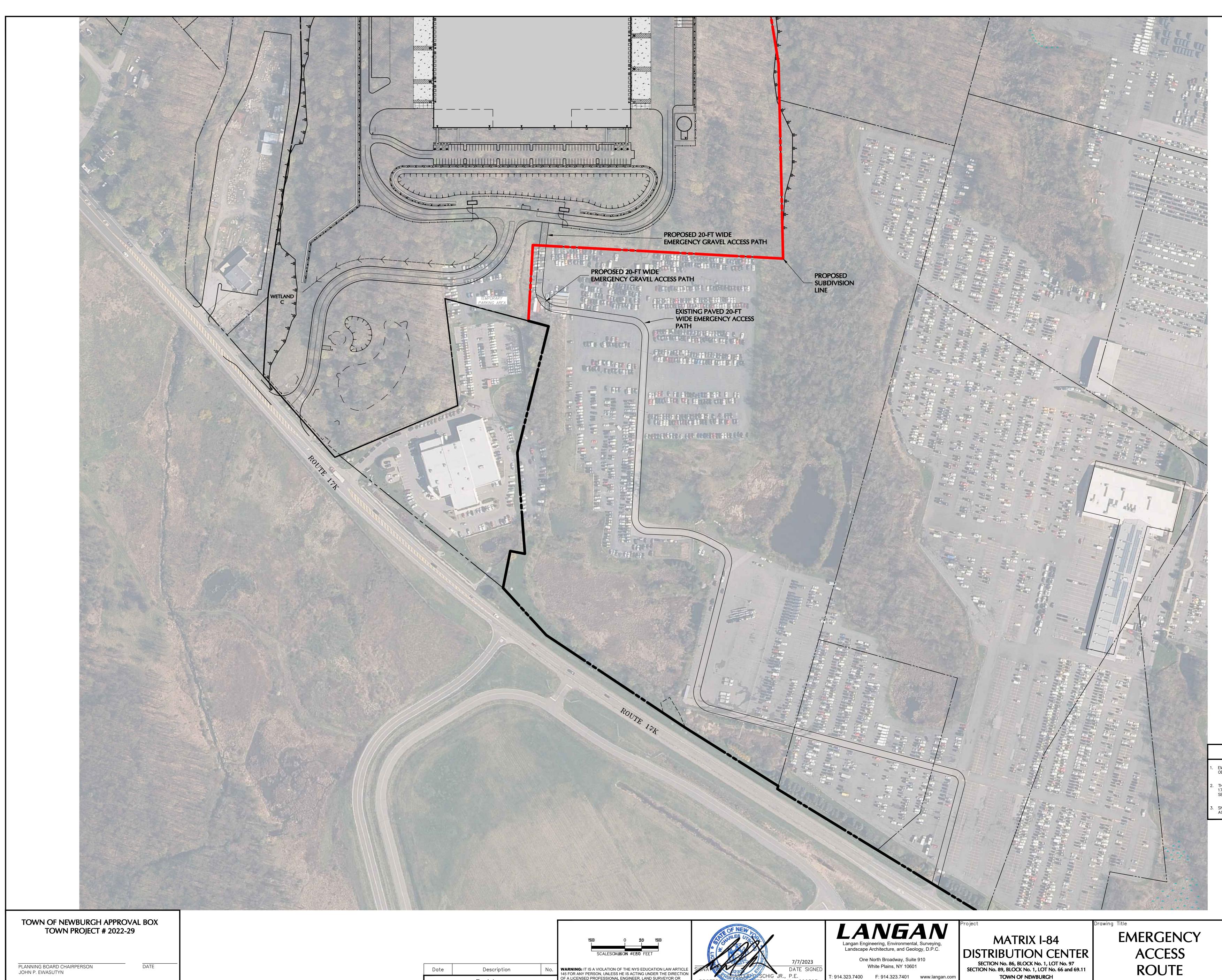


Project No.	Drawing No.	
190063302		
Date		
JULY 10, 2023	CS102	
Drawn By		_
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Checked By		22 La
CU	Sheet <b>8</b> of <b>45</b>	© 20:
ble: Langan.stb Layout: CS102 Docume	ent Code: 190063302-0501-CS101-0103	•

CTICE - SMP NAME
OJECT NAME
e With O & M Plan
ALTER
ACTICE SIGN

PROPOSED FALL WATER STORAGE TANK





S SHARE SS	
5 A S	- /- /2022
	7/7/2023
SIGNA CONTRACTOR	DATE SIGNE
CHARLES CASCHIG JR.,	P.E.
PROFESSION AS PROFER NY Lic.	No. 062303

ORANGE COUNTY

**NEW YORK** 

Revisions

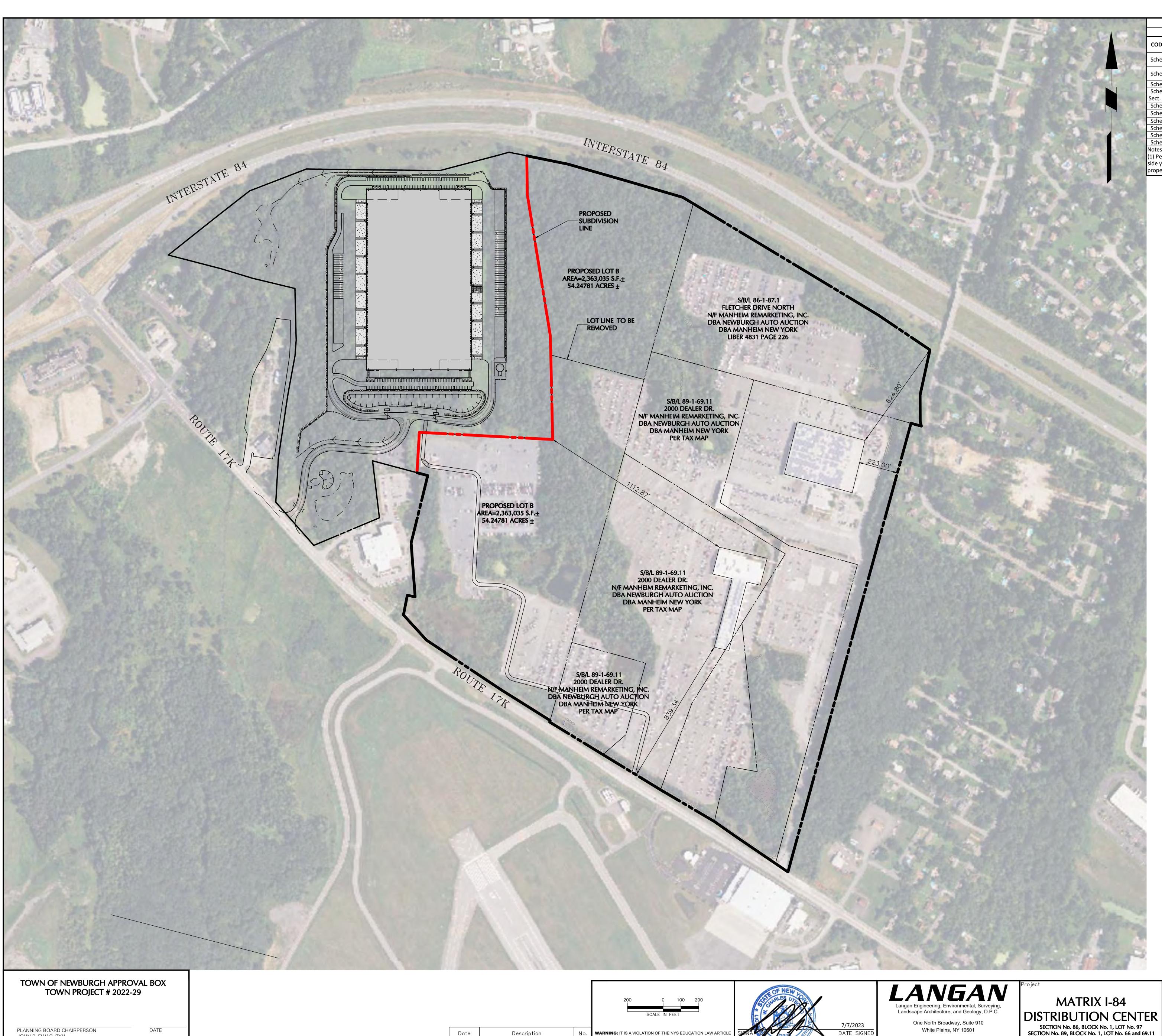
145 FOR ANY PERSON, UNLESS HE IS ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, LAND SURVEYOR OR GEOLOGIST, TO ALTER THIS ITEM IN ANY WAY.



EMERGENCY ACCESS NOTES EMERGENCY ACCESS PATH SHALL REMAIN FREE FROM OBSTRUCTION 2. THE ENTRANCE TO THE EMERGENCY ACCESS PATH FROM ROUTE 17K SHALL BE ACCESSIBLE AT ALL TIMES BY EMERGENCY SERVICES . SNOW SHALL BE PLOWED WITHIN THE LIMITS OF THE EMERGENCY ACCESS PATH

> roject No. Drawing No. 190063302 CS200 JULY 10, 2023 Drawn By LM Checked By Sheet **9** of **45** CU

Date: 7/7/2023 Time: 11:33 User: ascariano Style Table: Langan.stb Layout: CS100 Document Code: 190063302-0501-CS101-0104



Date	Desc

ZONING TABLE: TOWN OF NEWBURGH, NY										
	INTERCHANGE BUSINESS (IB) ZONING DISTRICT									
CODE REF. BULK REGULATION REQUIRED PROPOSED LOT										
CODE REF.	BOLK REGULATION		POST SUBDIVISION	COMPLIANCE						
Schedule 8	PRINCIPAL USE	Use subject to site plan review by Planning Board	Auto Dealership	YES						
Schedule 8	MIN. LOT AREA	40,000 SF	±6,927,531 SF (159.0 AC)	YES						
Schedule 8	MIN. LOT WIDTH	150 FT	2,739.6 FT	YES						
Schedule 8	MIN. LOT DEPTH	150 FT	2,110.0 FT	YES						
Sect. 185-18	MIN. FRONT YARD (STATE ROAD)	60 FT	839.3 FT	YES						
Schedule 8	MIN. REAR YARD	60 FT	624.8 FT	YES						
Schedule 8	MIN. SIDE YARD (ONE SIDE)	30 FT <sup>(1)</sup>	223.0 FT	YES						
Schedule 8	MIN. SIDE YARD (BOTH SIDES)	80 FT	1,335.9 FT	YES						
Schedule 8	MAX. LOT BUILDING COVERAGE	40%	±2.8%	YES						
Schedule 8	MAX. BUILDING HEIGHT	40 FT	EXISTING	YES						
Schedule 8	MAX. LOT SURFACE COVERAGE	80%	±51.4%	YES						
Notes:	ection $185-18C(5)(a)$ a portion of the	e eastern houndary of the mai	nhaim sita is subject to	an additional						

(1) Per code section 185-18C(5)(a), a portion of the eastern boundary of the manheim site is subject to an additional side yard setback based on building area. The proposed subdivision of the lot will not have an affect on the eastern property line or its associated side yard

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, P.E.

NEER NY Lic. No. 062303

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SECTION No. 86, BLOCK No. 1, LOT No. 97 SECTION No. 89, BLOCK No. 1, LOT No. 66 and 69.11 TOWN OF NEWBURGH

ORANGE COUNTY

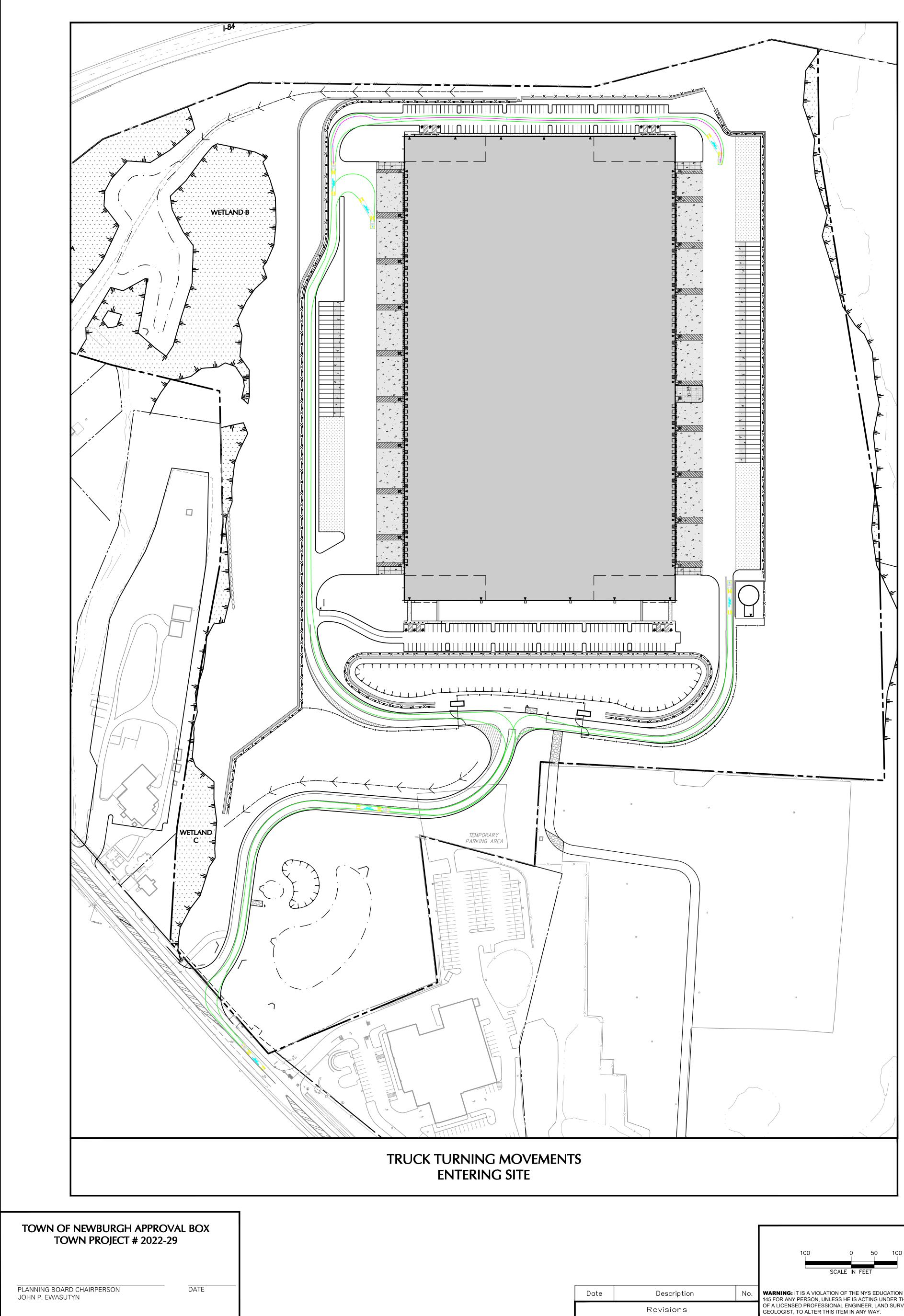
MANHEIM ZONING ANALYSIS

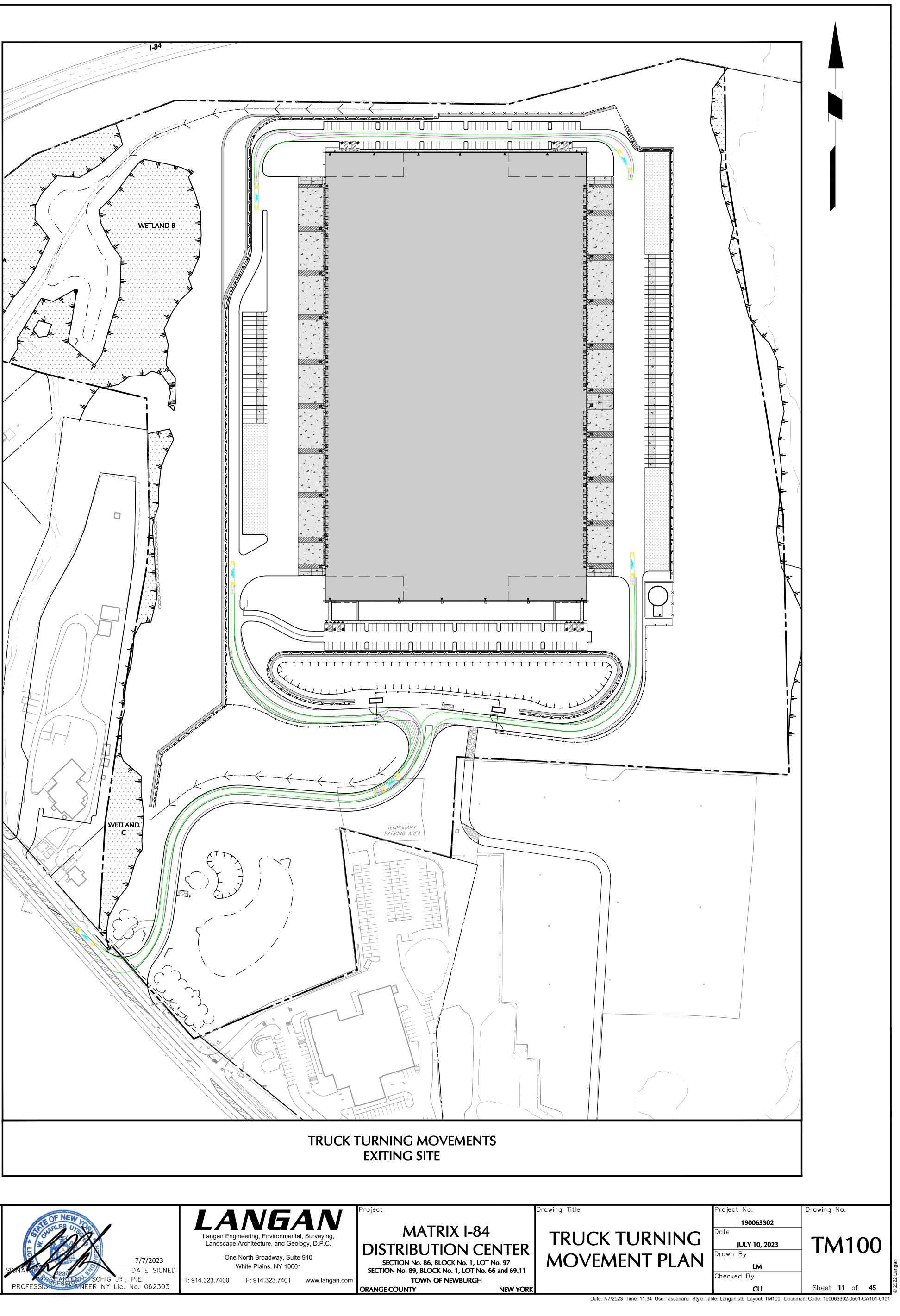
Drawing Title

**NEW YORK** 

roject No. Drawing No. 190063302 CS300 JULY 10, 2023 Drawn By LM Checked By Sheet **10** of **45** CU

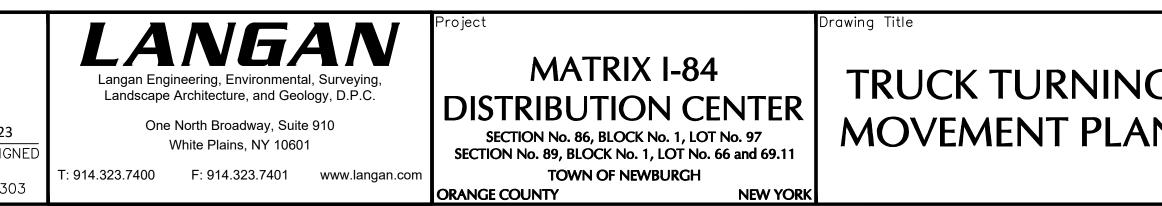
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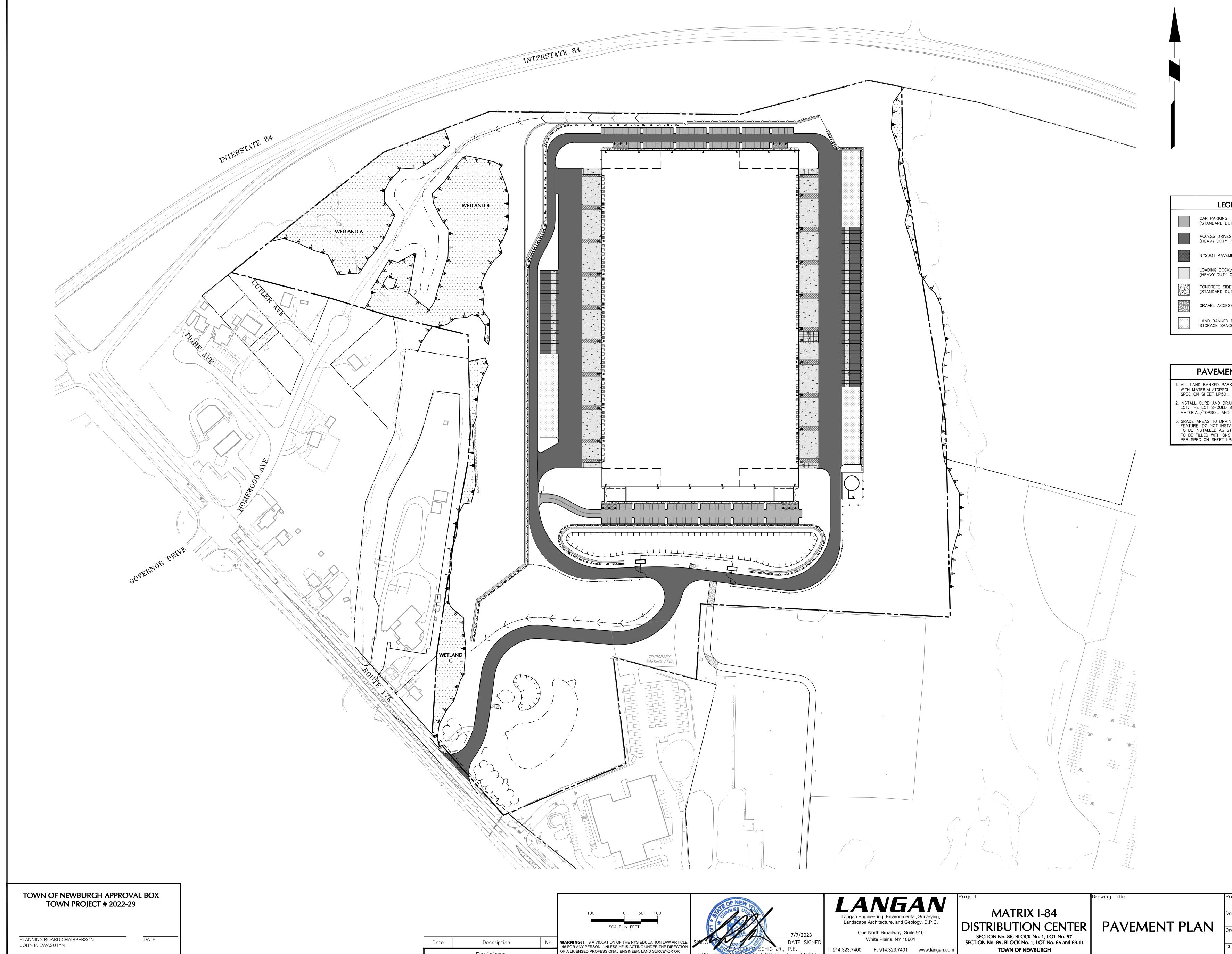




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Revisions





GEOLOGIST, TO ALTER THIS ITEM IN ANY WAY.

Revisions

TOWN OF NEWBURGH ORANGE COUNTY NEW YORK

EER NY Lic. No. 062303

PROFESSION

### LEGEND

CAR PARKING (STANDARD DUTY PAVEMENT)

ACCESS DRIVES AND TRUCK COURTS (HEAVY DUTY PAVEMENT)

NYSDOT PAVEMENT SECTION

LOADING DOCK/DOLLY PAD (HEAVY DUTY CONCRETE PAVEMENT)

CONCRETE SIDEWALK (STANDARD DUTY CONCRETE PAVEMENT)

GRAVEL ACCESS ROAD

LAND BANKED PARKING/TRAILER STORAGE SPACES (SEE NOTE 1)

## PAVEMENT PLAN NOTES

1. ALL LAND BANKED PARKING AREAS SHALL BE BACKFILLED WITH MATERIAL/TOPSOIL FROM THE SITE AND SEEDED PER

2. INSTALL CURB AND DRAINAGE INLETS ALONG LOW SIDE OF THE LOT. THE LOT SHOULD BE FILLED WITH ONSITE MATERIAL/TOPSOIL AND SEEDED PER SPEC ON SHEET LP501.

3. GRADE AREAS TO DRAIN INTO STORMWATER MANAGEMENT FEATURE, DO NOT INSTALL FLUSH CURB. GRAVEL DIAPHRAGM TO BE INSTALLED AS STORMWATER PRETREATMENT. LOT AREA TO BE FILLED WITH ONSITE MATERIAL/TOPSOIL AND SEEDED PER SPEC ON SHEET LP501.

roject No. Drawing No. 190063302 CP100 JULY 10, 2023 )rawn By

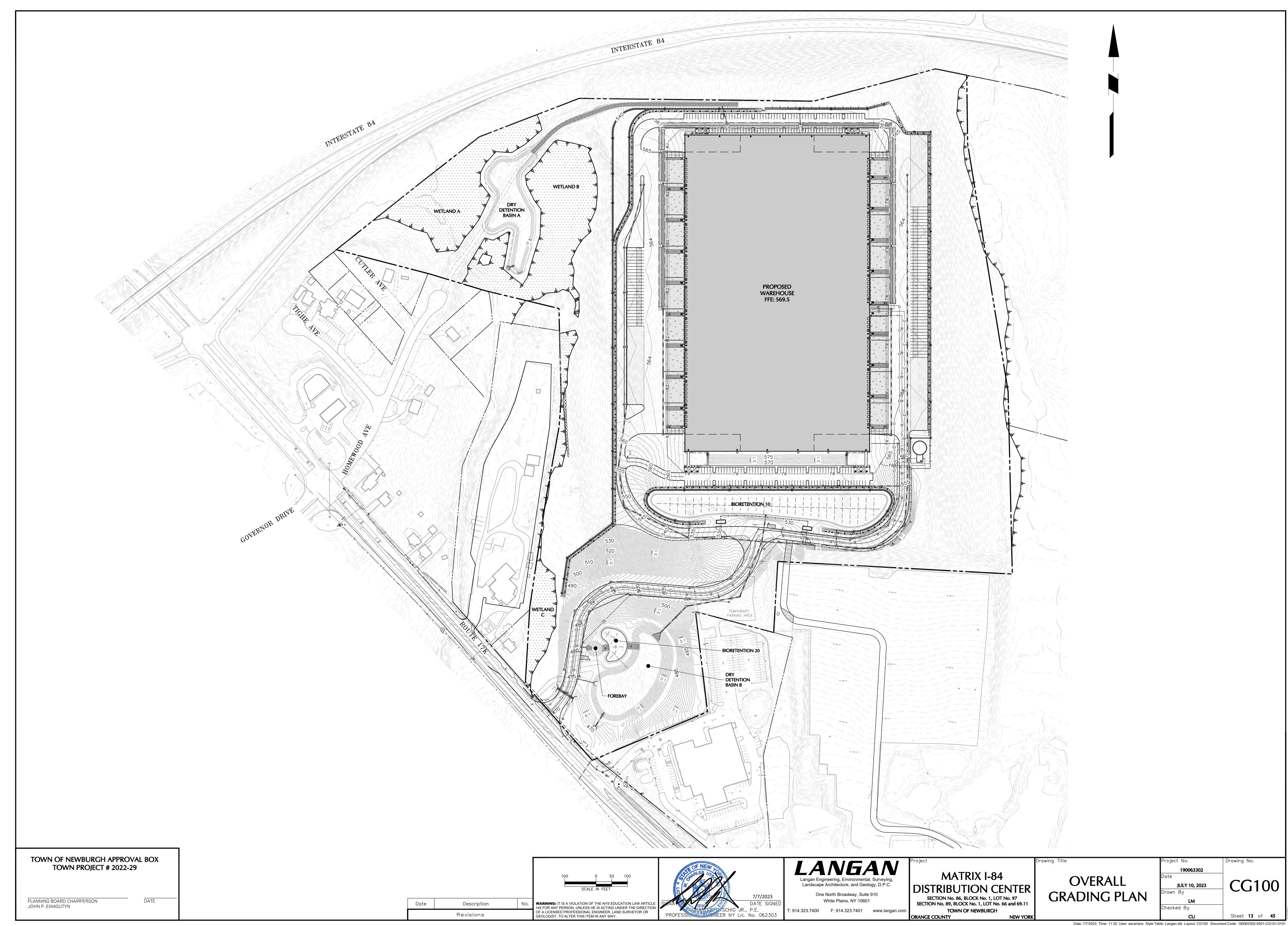
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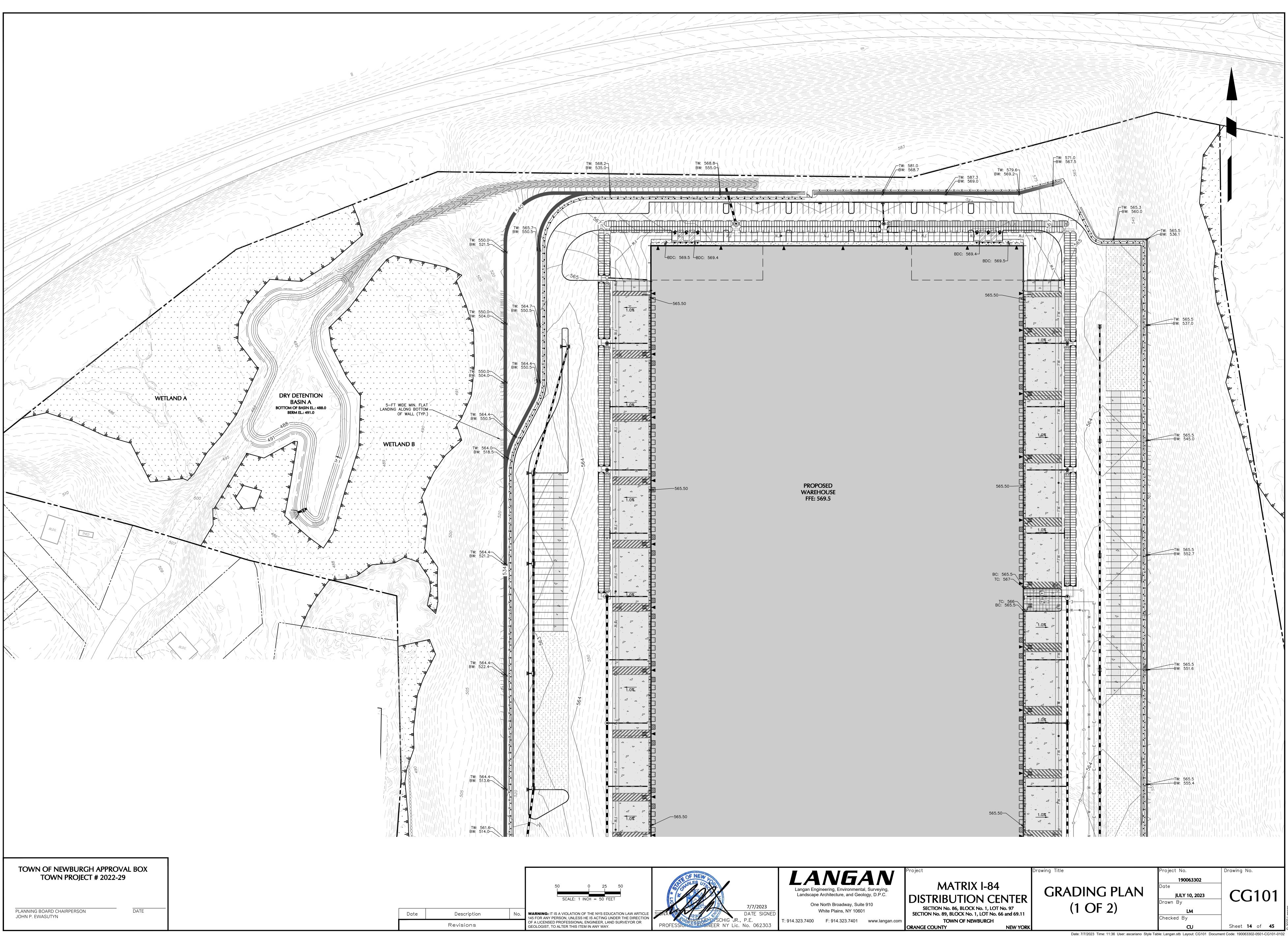
Checked By

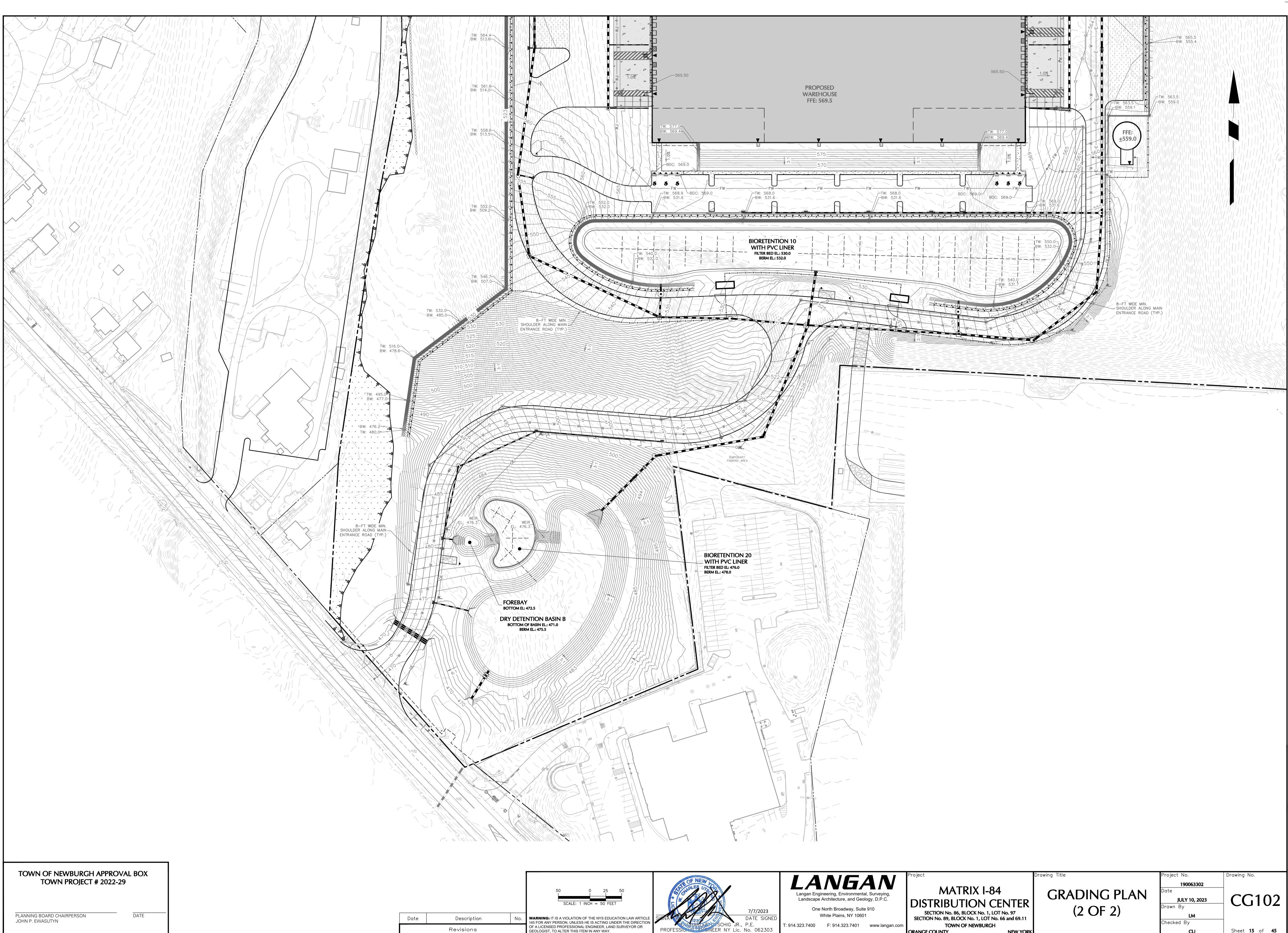
Date: 7/7/2023 Time: 11:34 User: ascariano Style Table: Langan.stb Layout: CP100 - PAVEMENT PLAN Document Code: 190063302-0501-CP101-0101

Sheet **12** of **45** 



Project No.	Drawing No.
190063302	
Date	
JULY 10, 2023	- CG100
Drawn By	
LM	
Checked By	
CU	Sheet <b>13</b> of <b>45</b>





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	Date	Description	No.	WARNING: IT IS A VIOLATION OF THE NYS EDUCATION LAW ARTICLE 145 FOR ANY PERSON, UNLESS HE IS ACTING UNDER THE DIRECTION	
		Revisions		OF A LICENSED PROFESSIONAL ENGINEER, LAND SURVEYOR OR GEOLOGIST. TO ALTER THIS ITEM IN ANY WAY.	PROFESSIO

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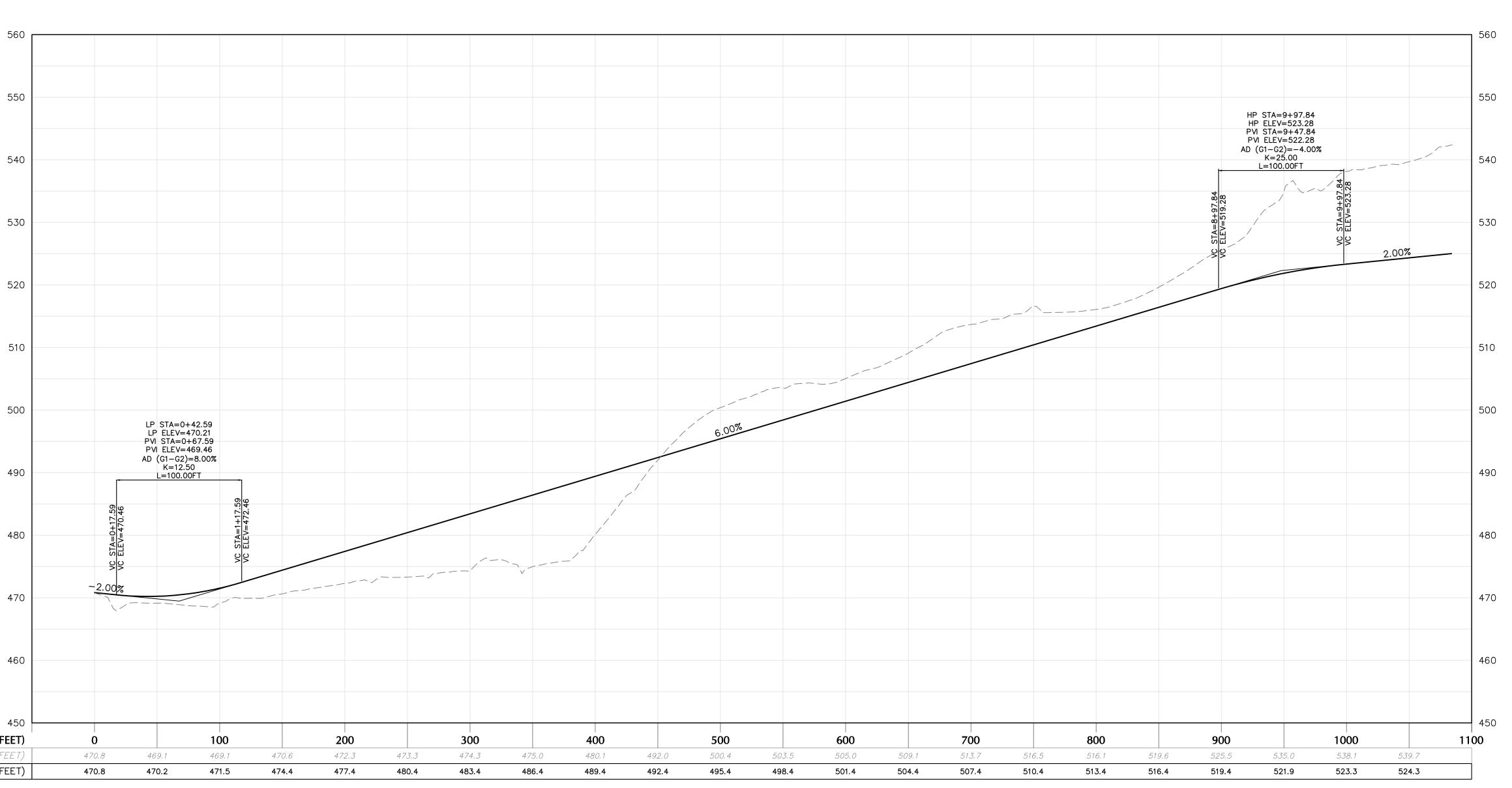
ORANGE COUNTY

Sheet **15** of **45** CU Date: 7/7/2023 Time: 11:36 User: ascariano Style Table: Langan.stb Layout: CG102 Document Code: 190063302-0501-CG101-0103

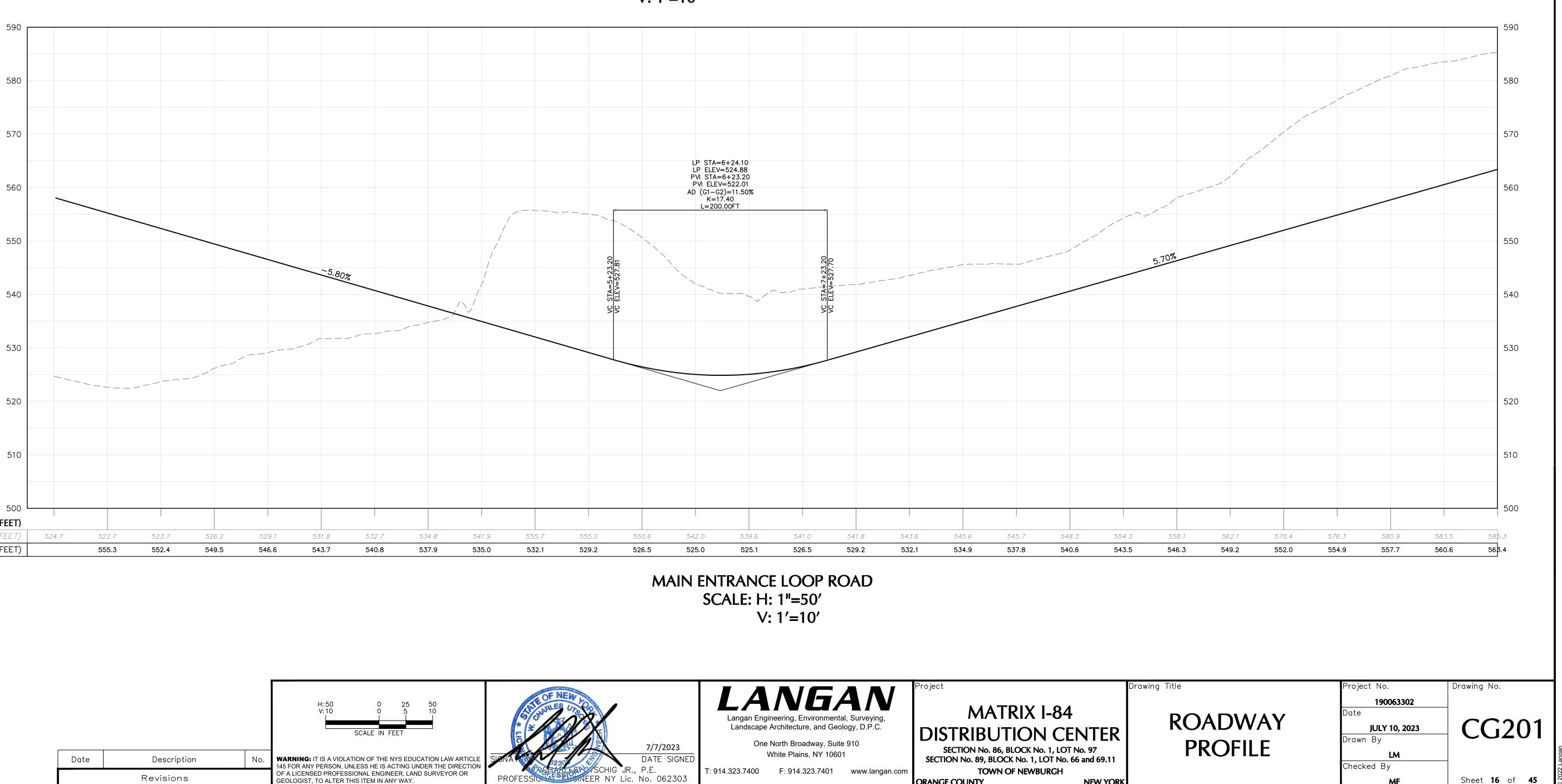
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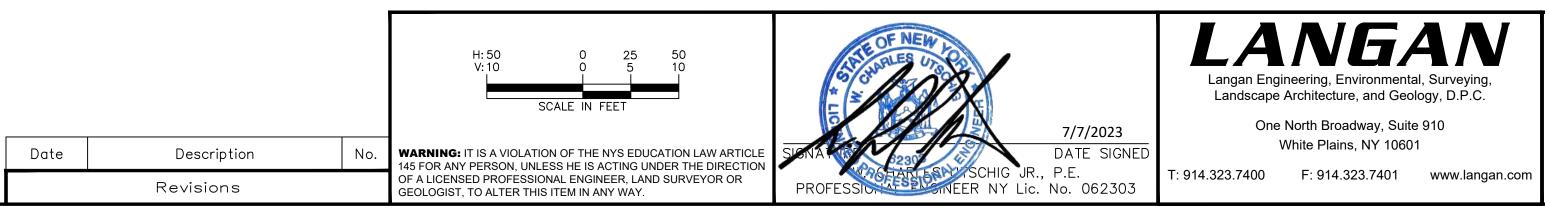
DISTANCE (FEET) EXISTING ELEV (FEET) 524.7 PROPOSED ELEV (FEET)

### TOWN OF NEWBURGH APPROVAL BOX TOWN PROJECT # 2022-29



ENTRANCE ROAD PROFILE SCALE: H: 1"=50' V: 1'=10'

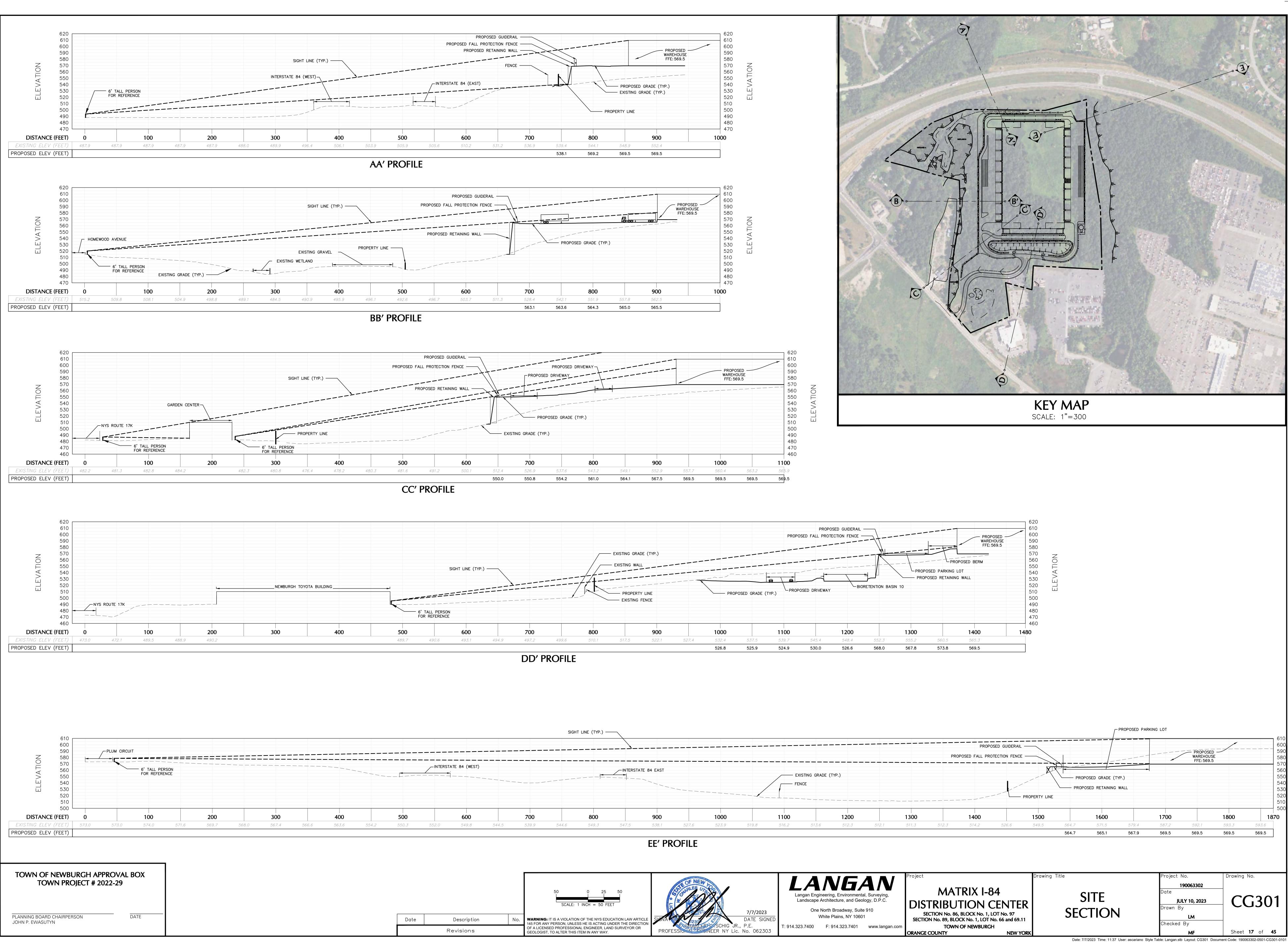






ORANGE COUNTY NEW YORK

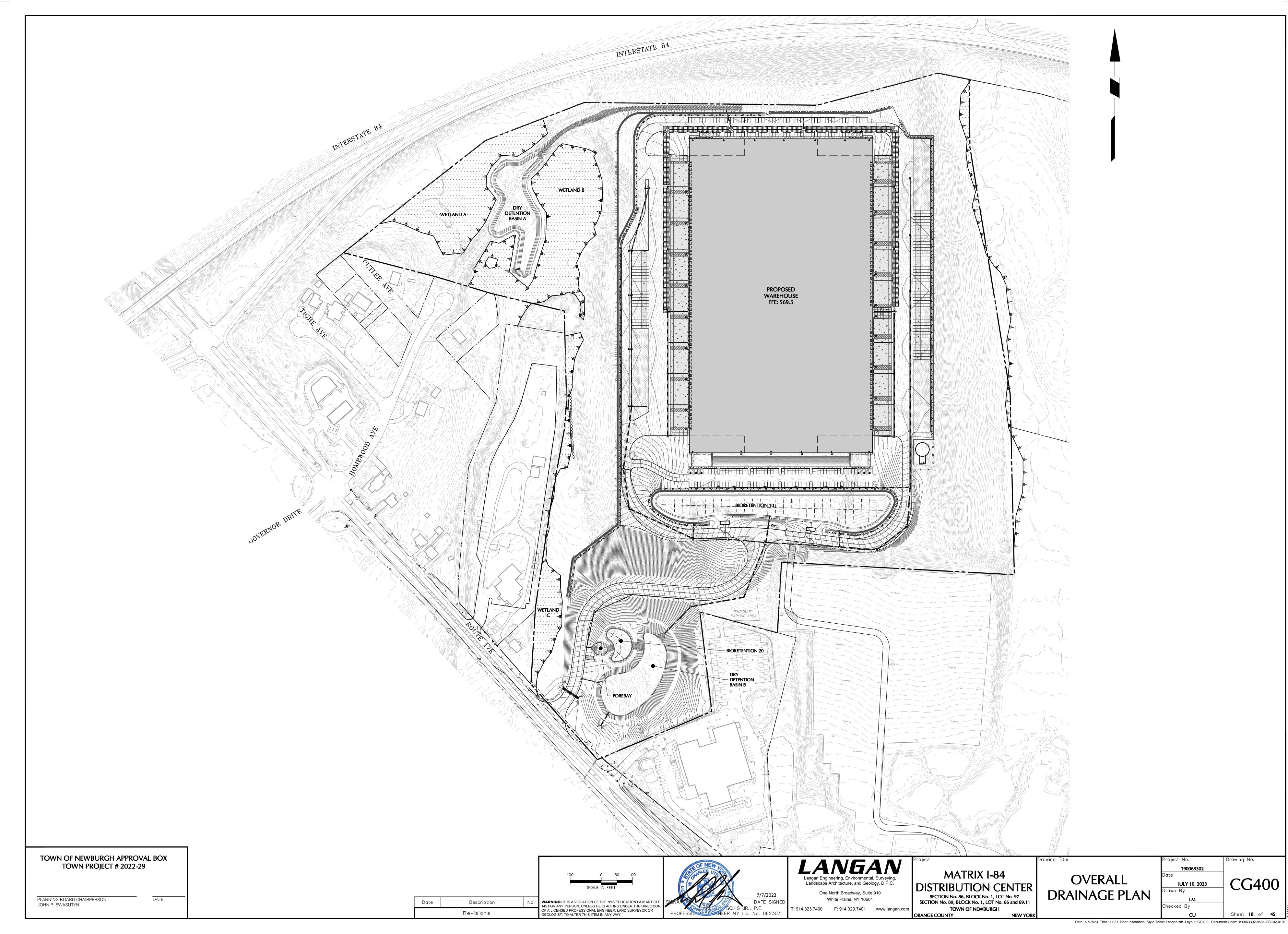
Date: 7/7/2023 Time: 11:36 User: ascariano Style Table: Langan.stb Layout: CG201 Document Code: 190063302-0501-CG201-0101



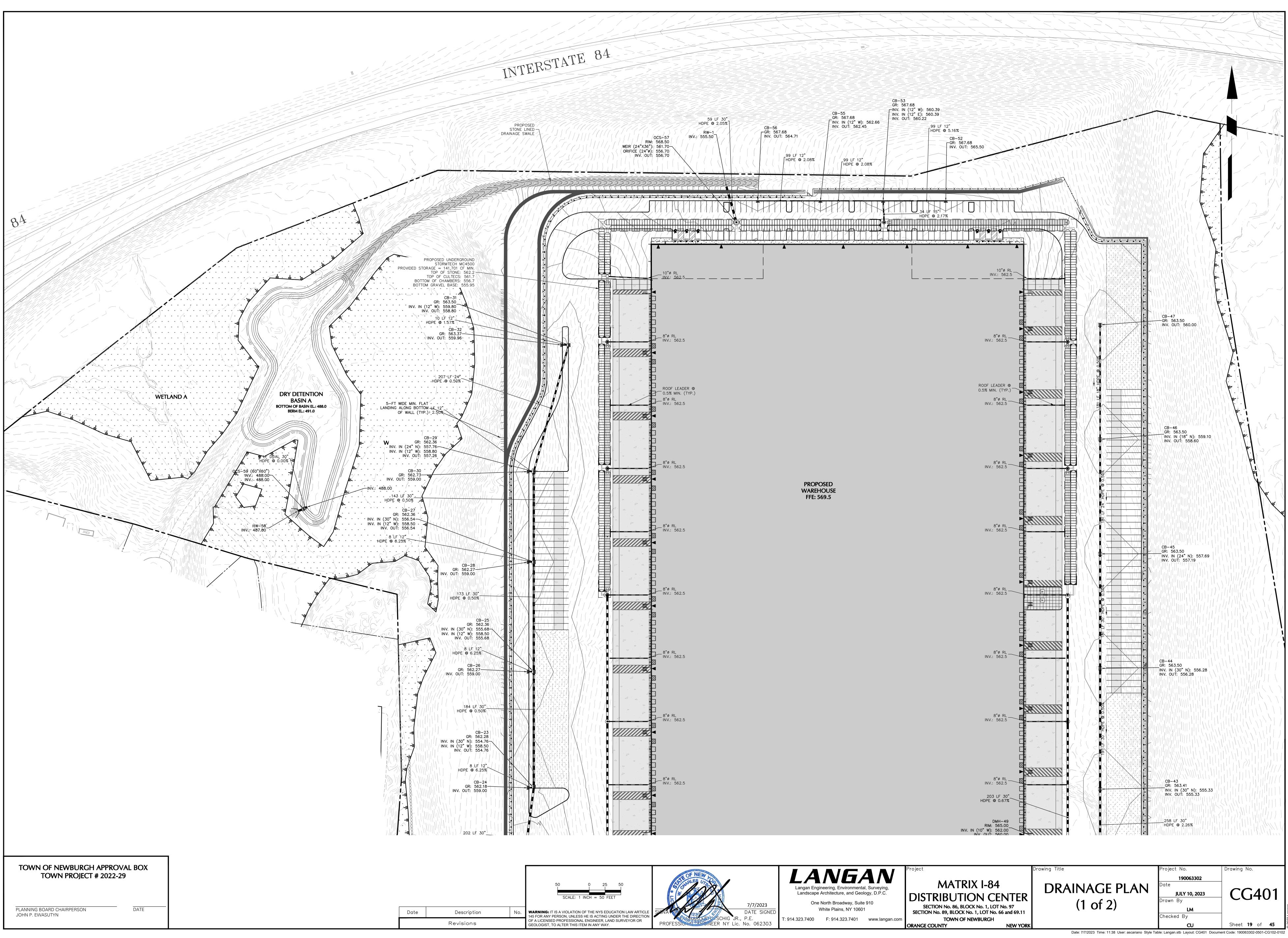
Revisions Geologist, to alter this item in any way. PROFESSION PROFESSION FROM ER NY Lic. No. 062
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		SIGHT LINE	(TYP.)										NG I
			>							<u></u>			
			INTERSTATE 84 EAST		EXISTING GRADE	(TYP.)			PROPERTY LINE		DSED GRADE (TY		
500	600		800 900	1000	1100	1200	1300	1400	1500		1600		
554.2 550.3	552.0 549.8 544.5	539.9 544.6 5	549.3 547.5 538.1 5	527.6 523.9 51	9.8 516.2 513.6	512.3 51.	2.1 511.3 5	12.3 514.2 520	6.6 549.5	564.7 <b>564.7</b>	571.5 565.1	579.4 <b>567.9</b>	

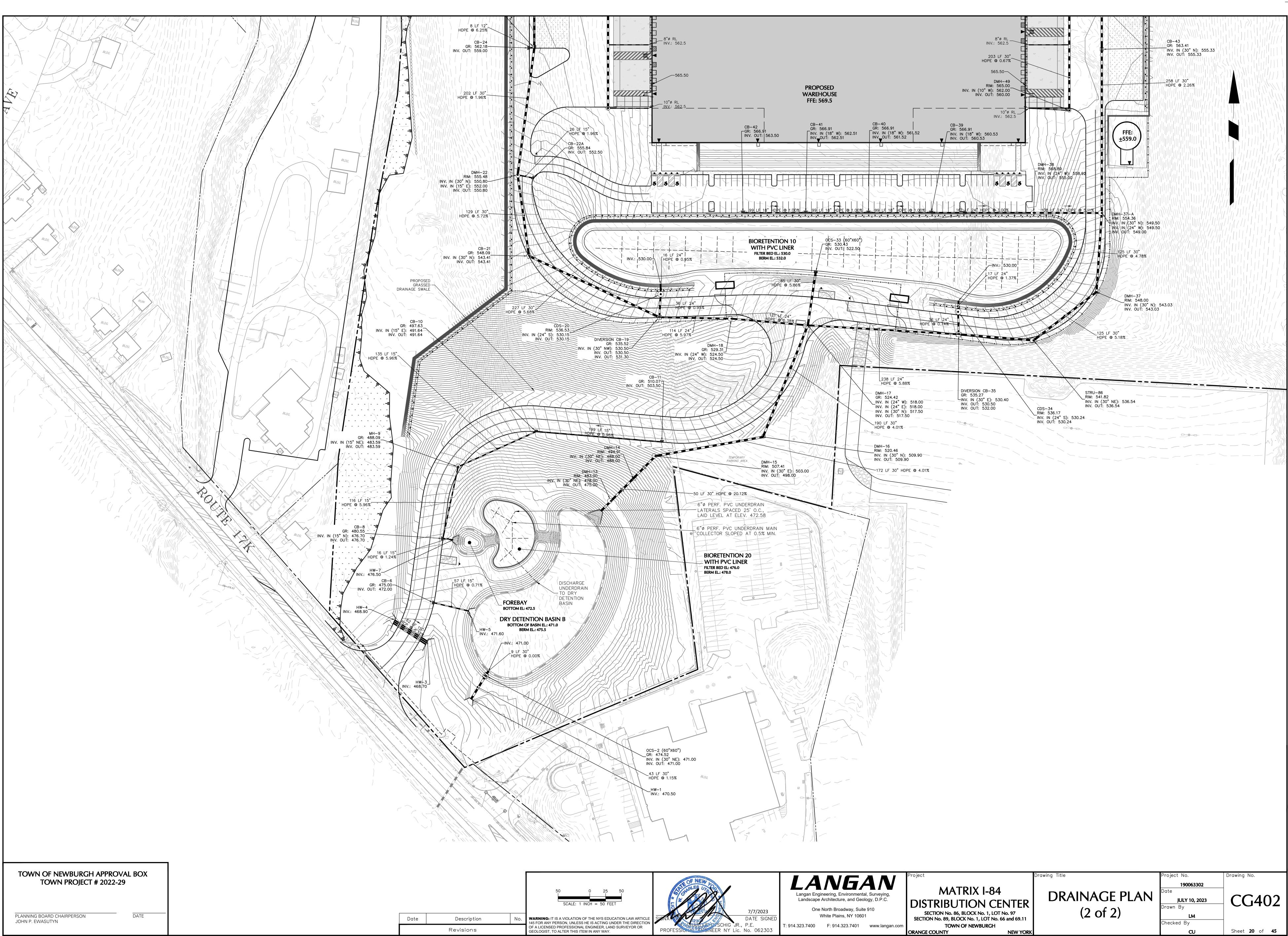
500	600		700	800		900	1000
				P	PROPERTY LINE		5 5 4 4 4
					PROPOSED GR		5.
	-INTERSTATE 84 (EAST)						5) 5) 5)
						WAREHOUSE FFE: 569.5	59 58 51
	PROPOSED FALL	PROTECTION FENCE - D RETAINING WALL -				PROPOSED	6
		OPOSED GUIDERAIL - PROTECTION FENCE -					



Project No.	Drawing No.
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Date	
JULY 10, 2023	_ CG400
Drawn By	
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CU	Sheet <b>18</b> of <b>45</b>



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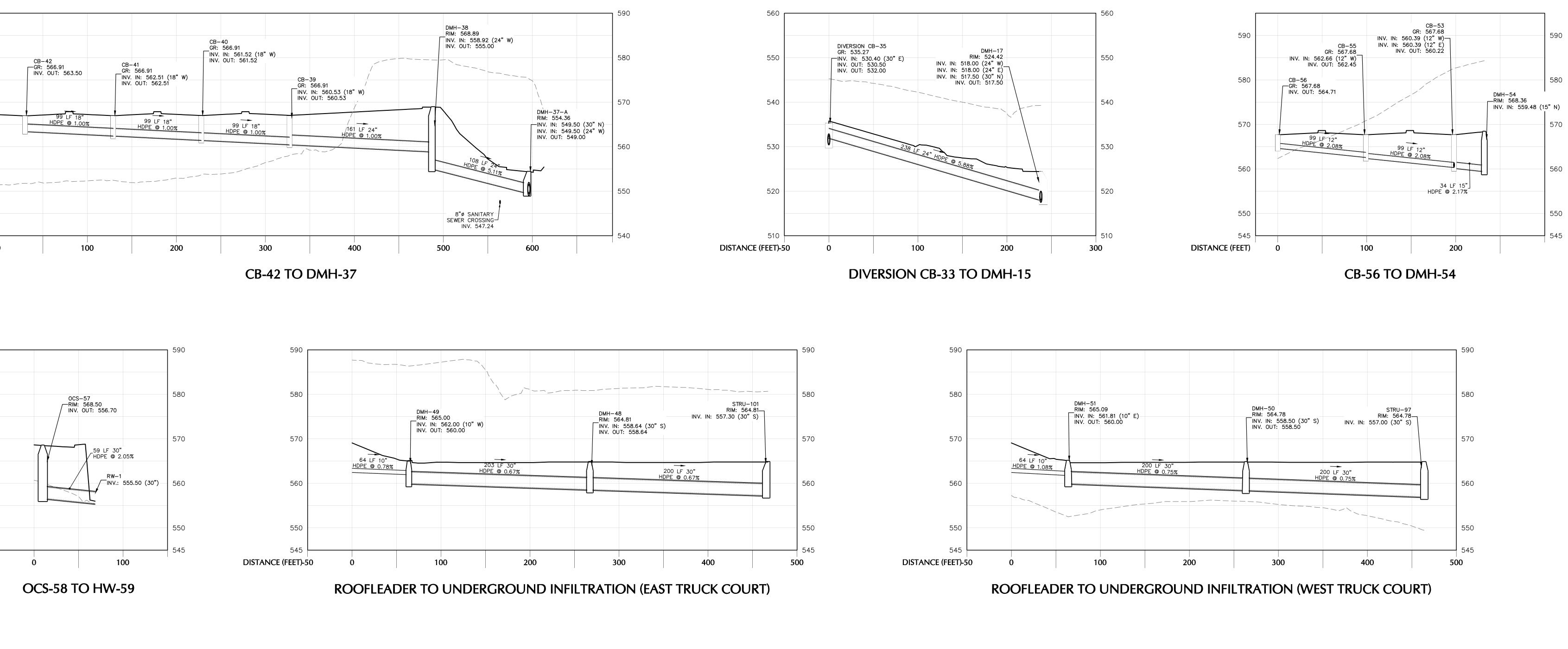
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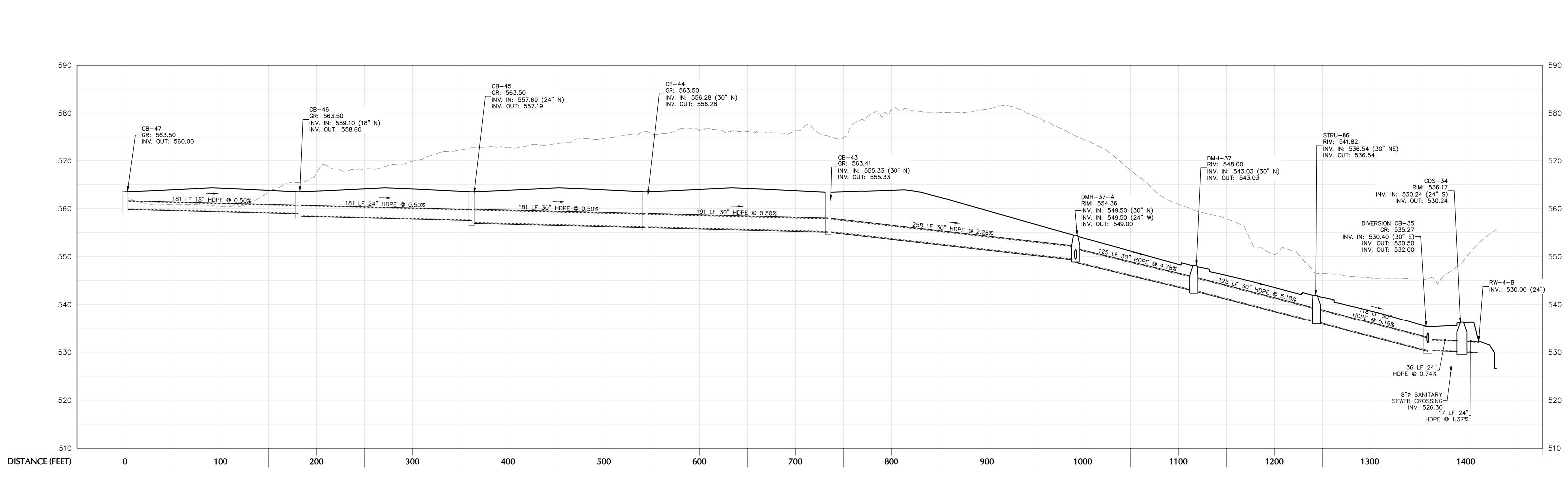


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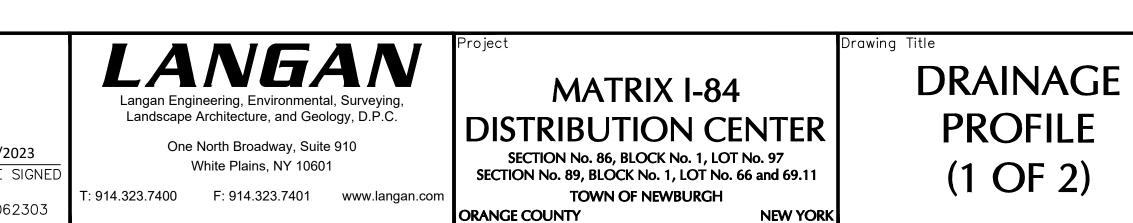
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	Revisions		OF A LICENSED PROFESSIONAL ENGINEER, LAND SURVEYOR OR GEOLOGIST, TO ALTER THIS ITEM IN ANY WAY.	PROFESSION

CB-47 TO HW-35

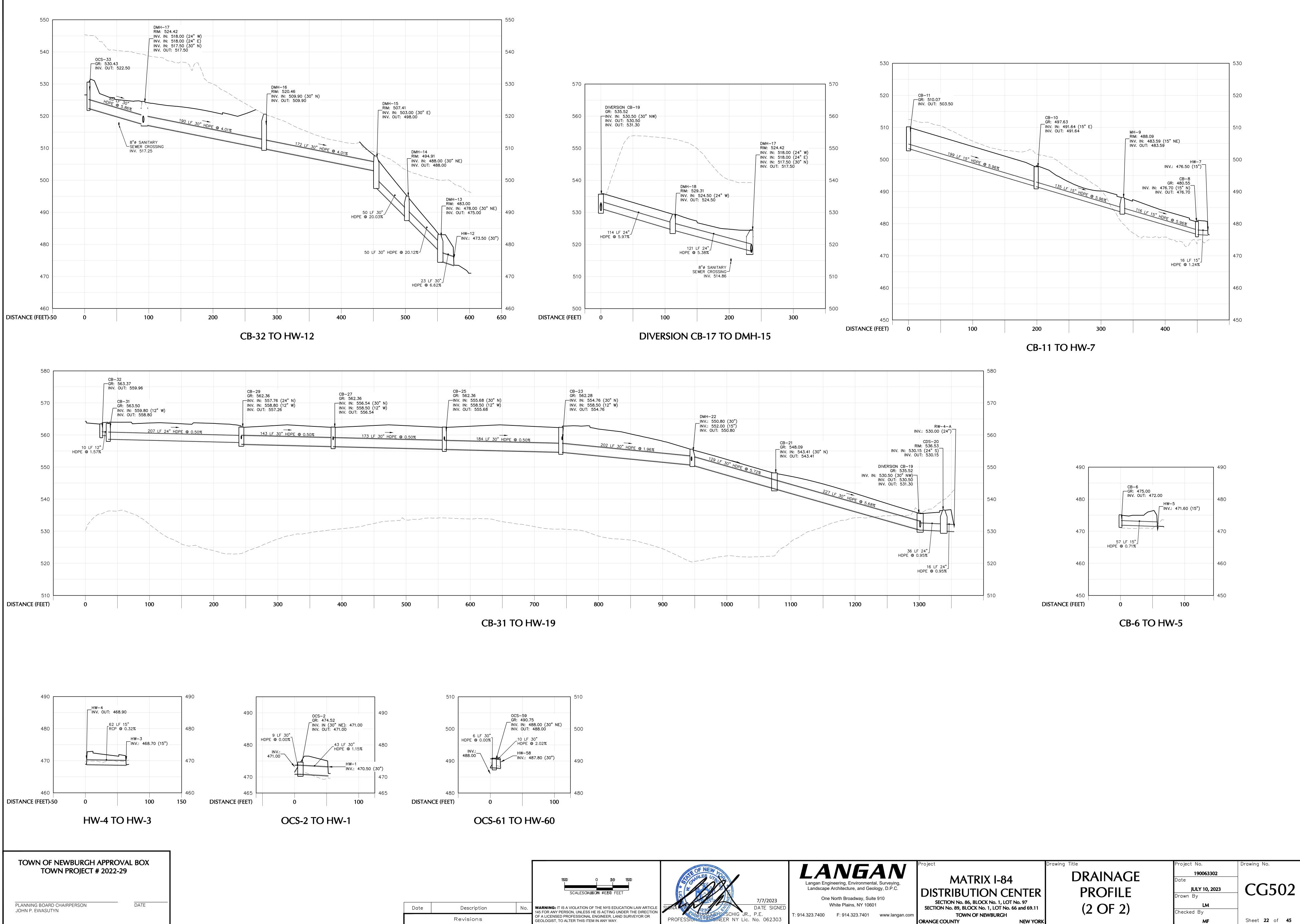




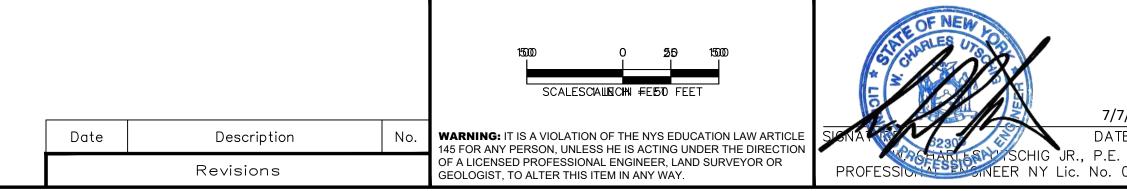
Project No.	Drawing No.
190063302	
Date	
JULY 10, 2023	CG501
Drawn By	
LM	
Checked By	

Date: 7/7/2023 Time: 11:39 User: ascariano Style Table: Langan.stb Layout: CG501 Document Code: 190063302-0501-CG201-0102

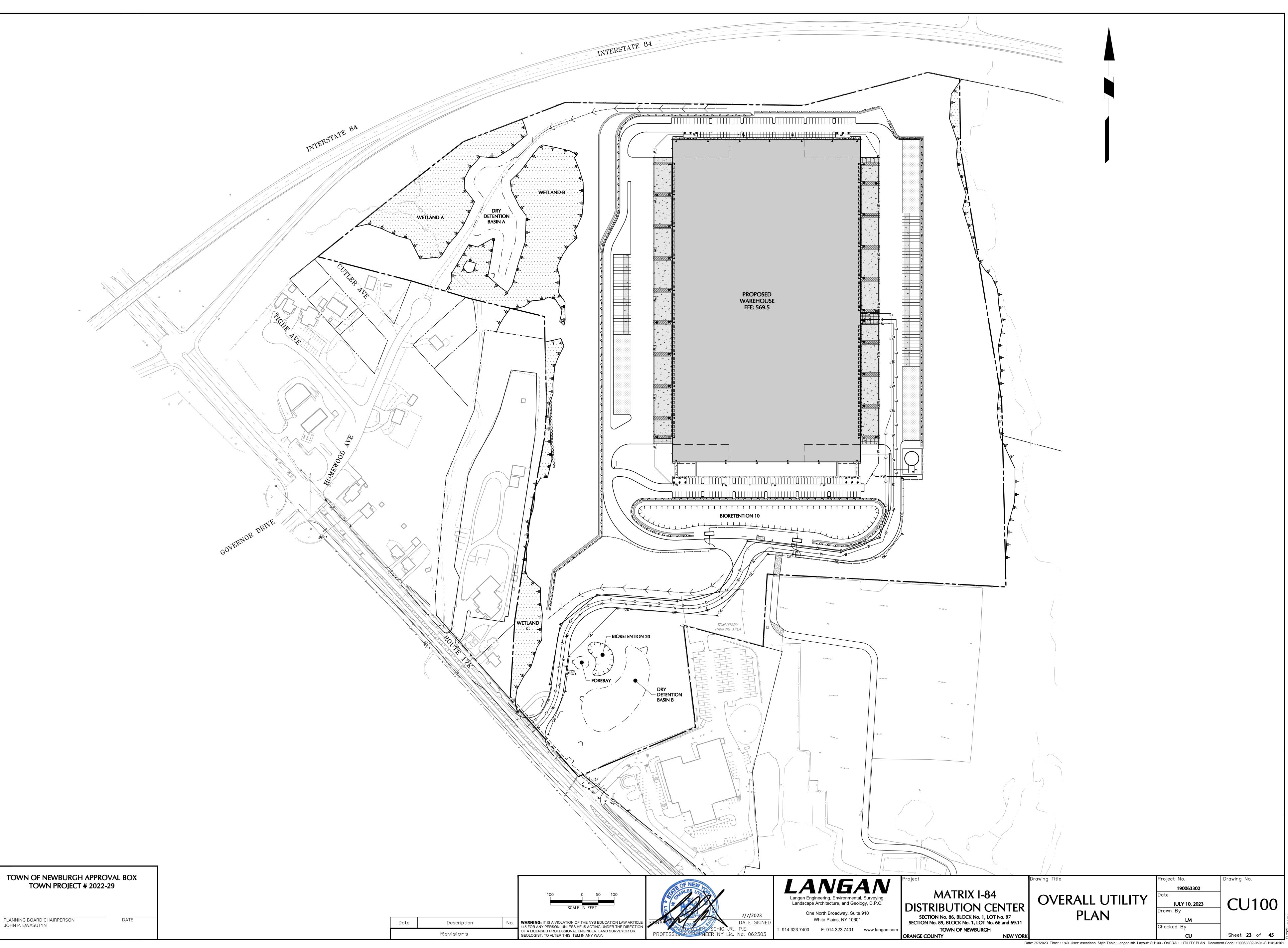
Sheet **21** of **45** 



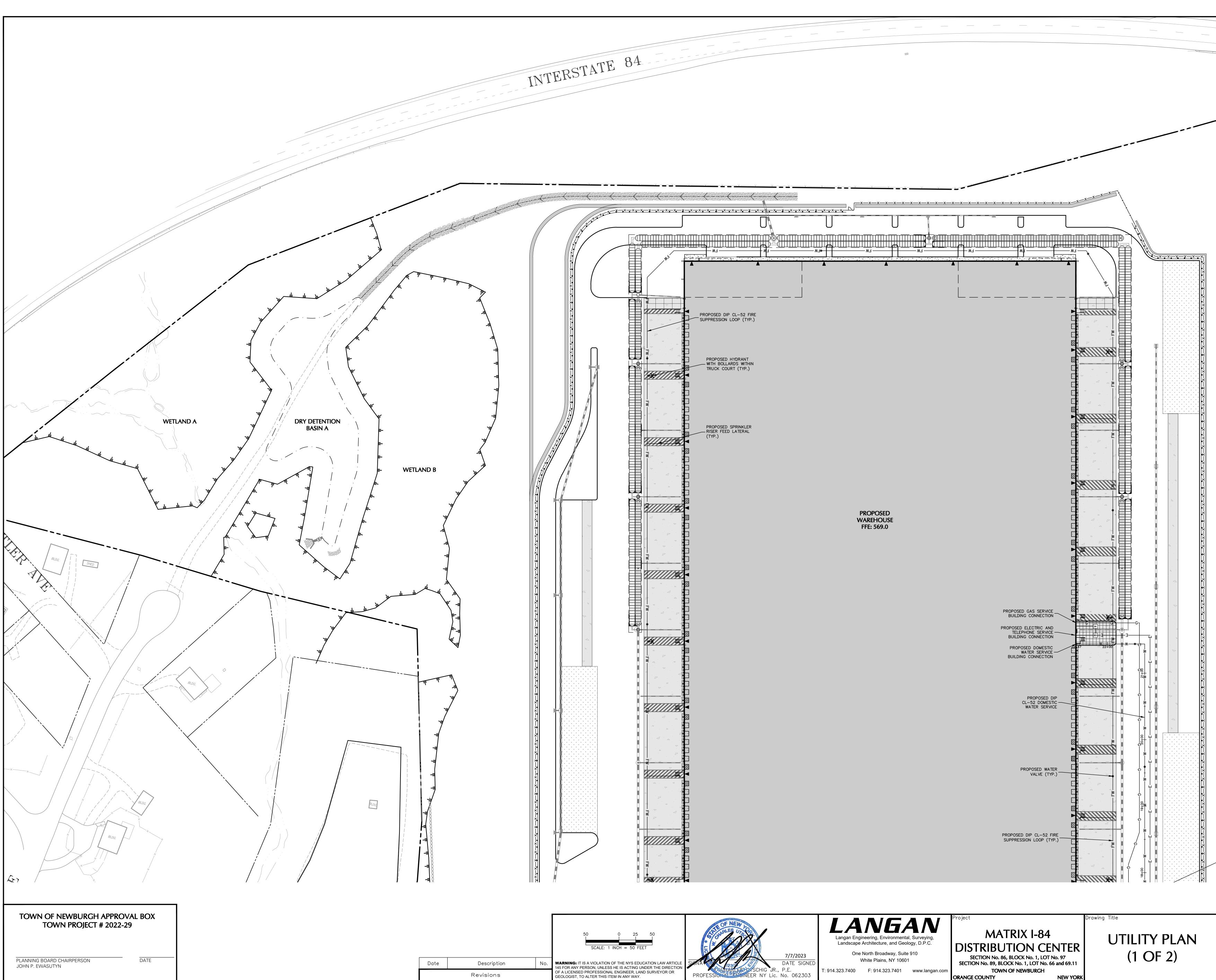
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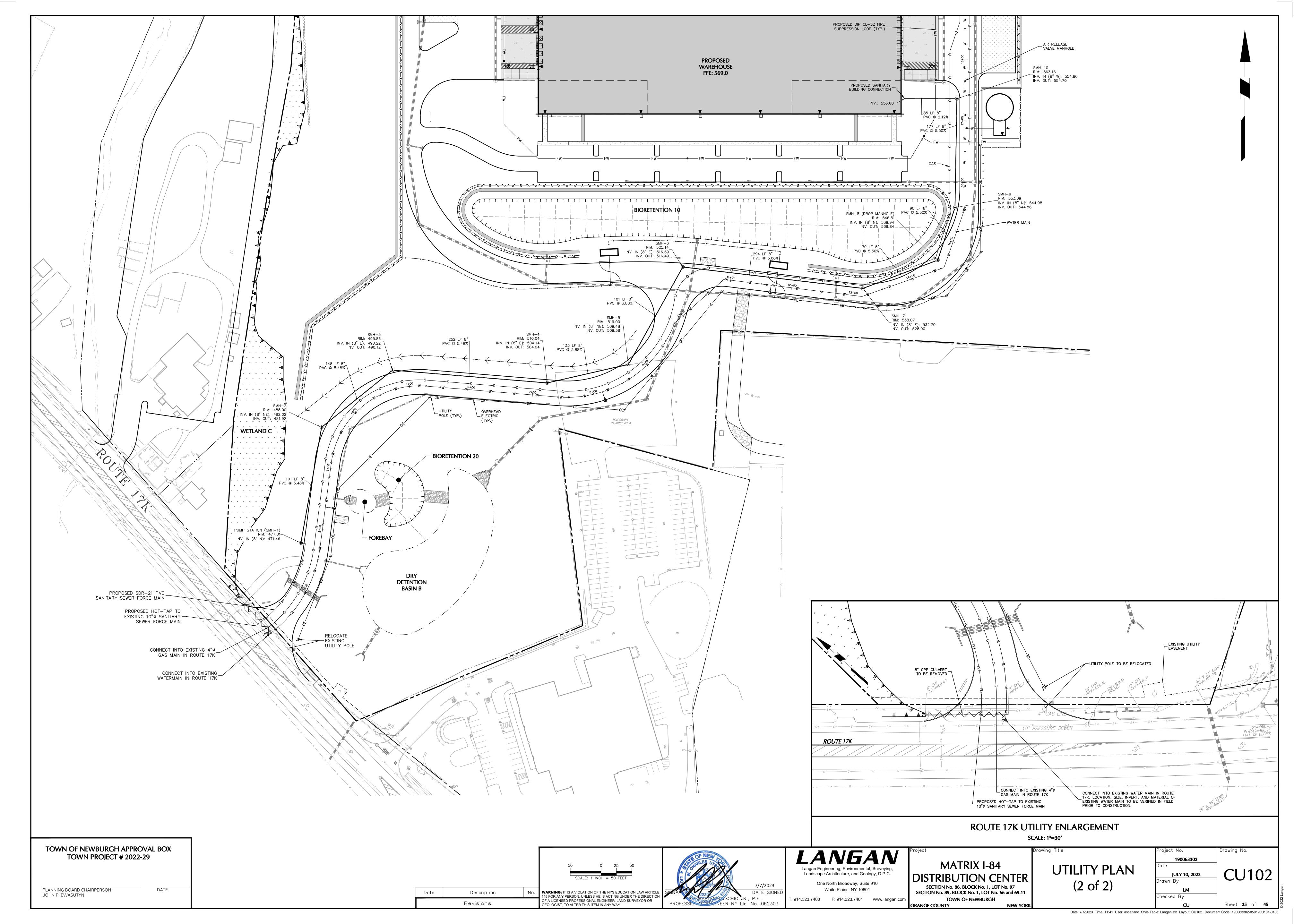
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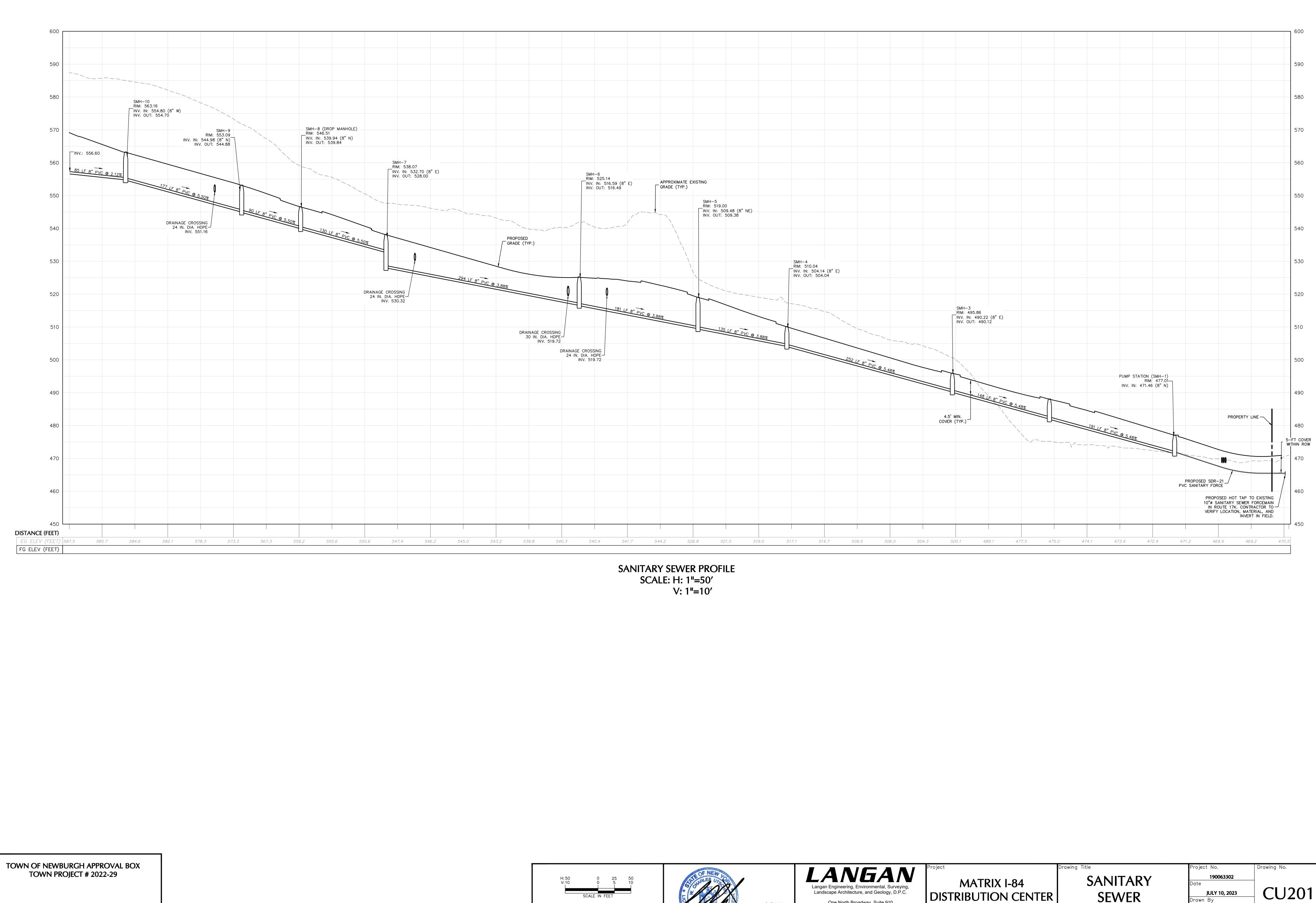


Project No.	Drawing No.
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Date	
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Drawn By	
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Checked By	
CU	Sheet <b>23</b> of <b>45</b>

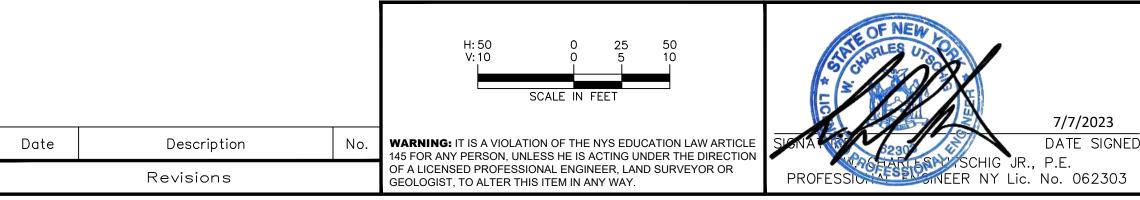


Drawing Title UTILITY PLAN (1 OF 2) Date: 7/7/2023 Time: 11:40 User: ascariano Style Table: Langan.stb Layou	Project No.       Drawing No.         190063302       Drawing No.         Date       JULY 10, 2023         Drawn By       Checked By         CU       Sheet 24 of 45





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One North Broadway, Suite 910 White Plains, NY 10601 T: 914.323.7400 F: 914.323.7401 www.langan.com SECTION No. 86, BLOCK No. 1, LOT No. 97 SECTION No. 89, BLOCK No. 1, LOT No. 66 and 69.11

TOWN OF NEWBURGH ORANGE COUNTY **NEW YORK** 

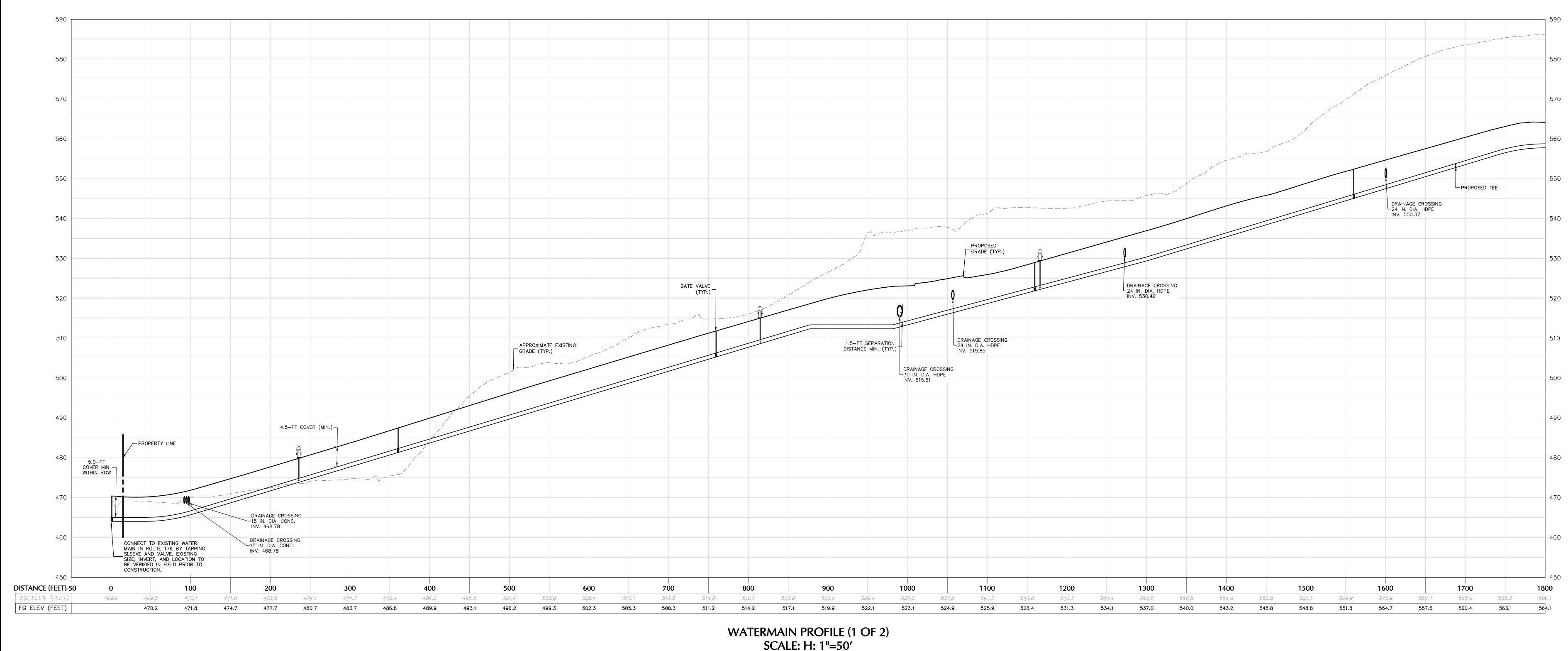
SEWER PROFILE

Date: 7/7/2023 Time: 11:41 User: ascariano Style Table: Langan.stb Layout: CU201 Document Code: 190063302-0501-CU201-0101

Sheet **26** of **45** 

LM

Checked By



SCALE: H: 1"=50' V: 1"=10'



LANGAN

Langan Engineering, Environmental, Surveying, Landscape Architecture, and Geology, D.P.C.

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roject

ORANGE COUNTY

MATRIX I-84

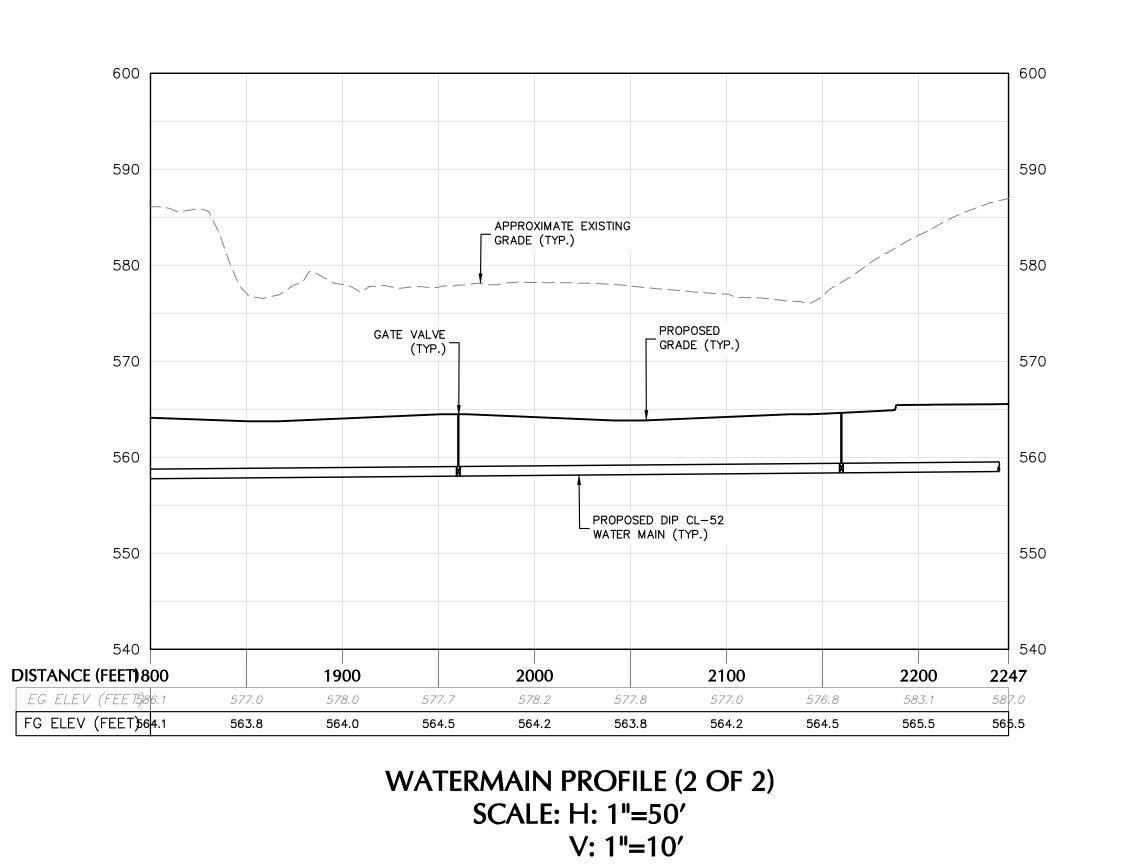
DISTRIBUTION CENTER

SECTION No. 86, BLOCK No. 1, LOT No. 97 SECTION No. 89, BLOCK No. 1, LOT No. 66 and 69.11

TOWN OF NEWBURGH

Date	Description
	Revisions

0 25



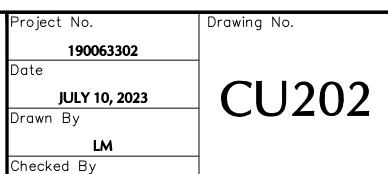
Drawing Title

**NEW YORK** 

WATER

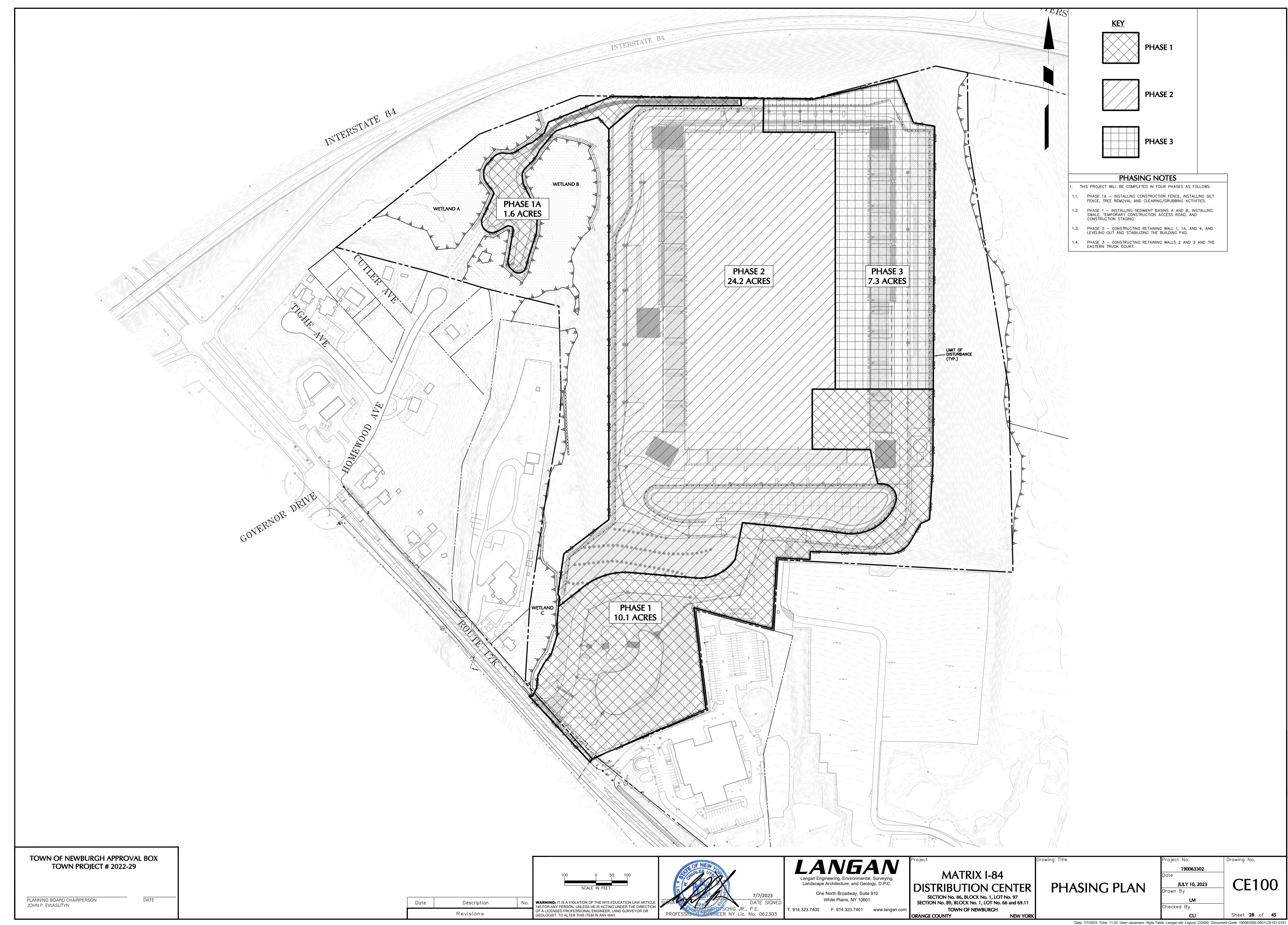
MAIN

PROFILE



Date: 7/7/2023 Time: 11:42 User: ascariano Style Table: Langan.stb Layout: CU202 Document Code: 190063302-0501-CU201-0102

Sheet 27 of 45



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Drawing No. roject No. 190063302 JULY 10, 2023 Drawn By

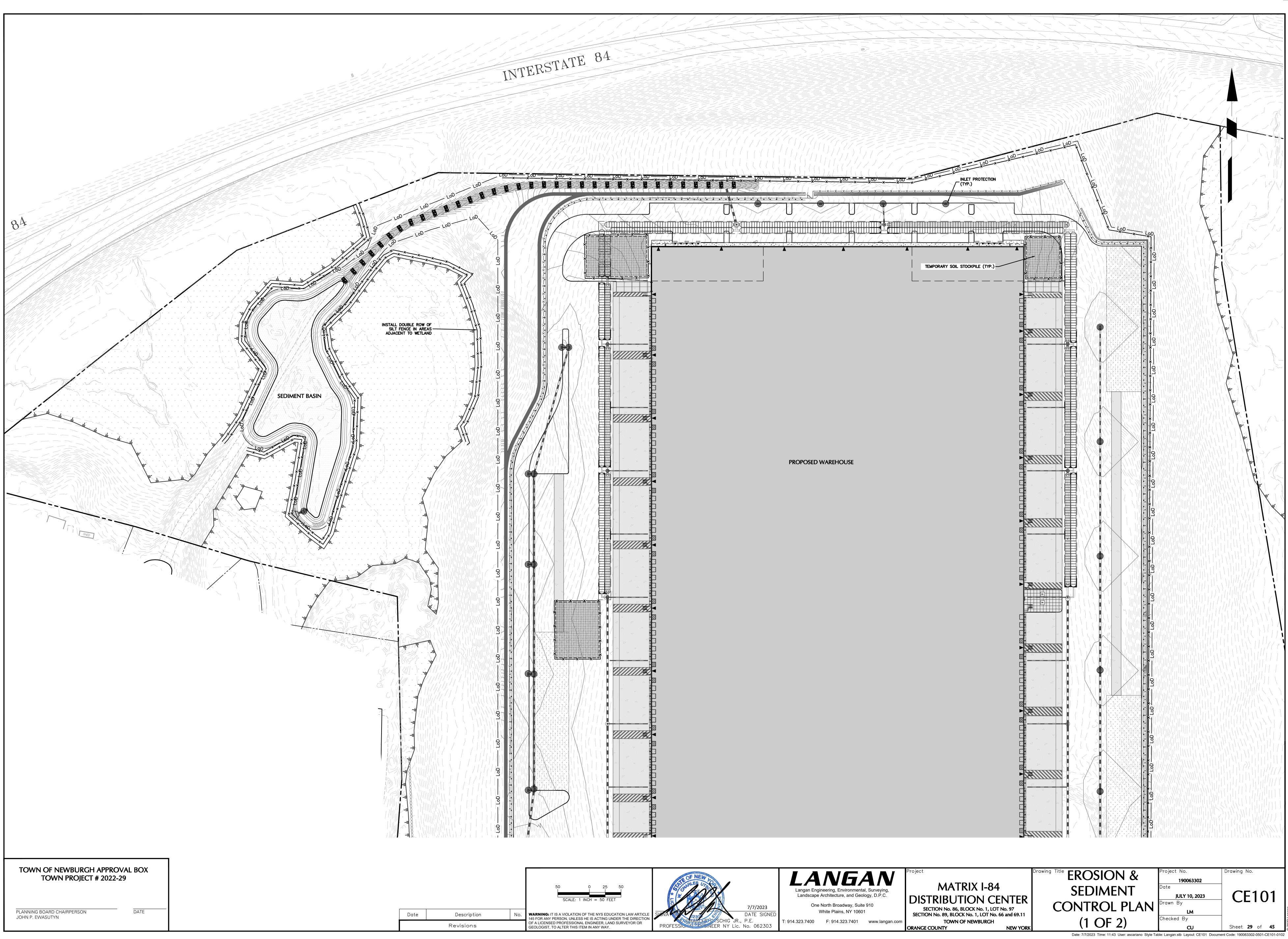
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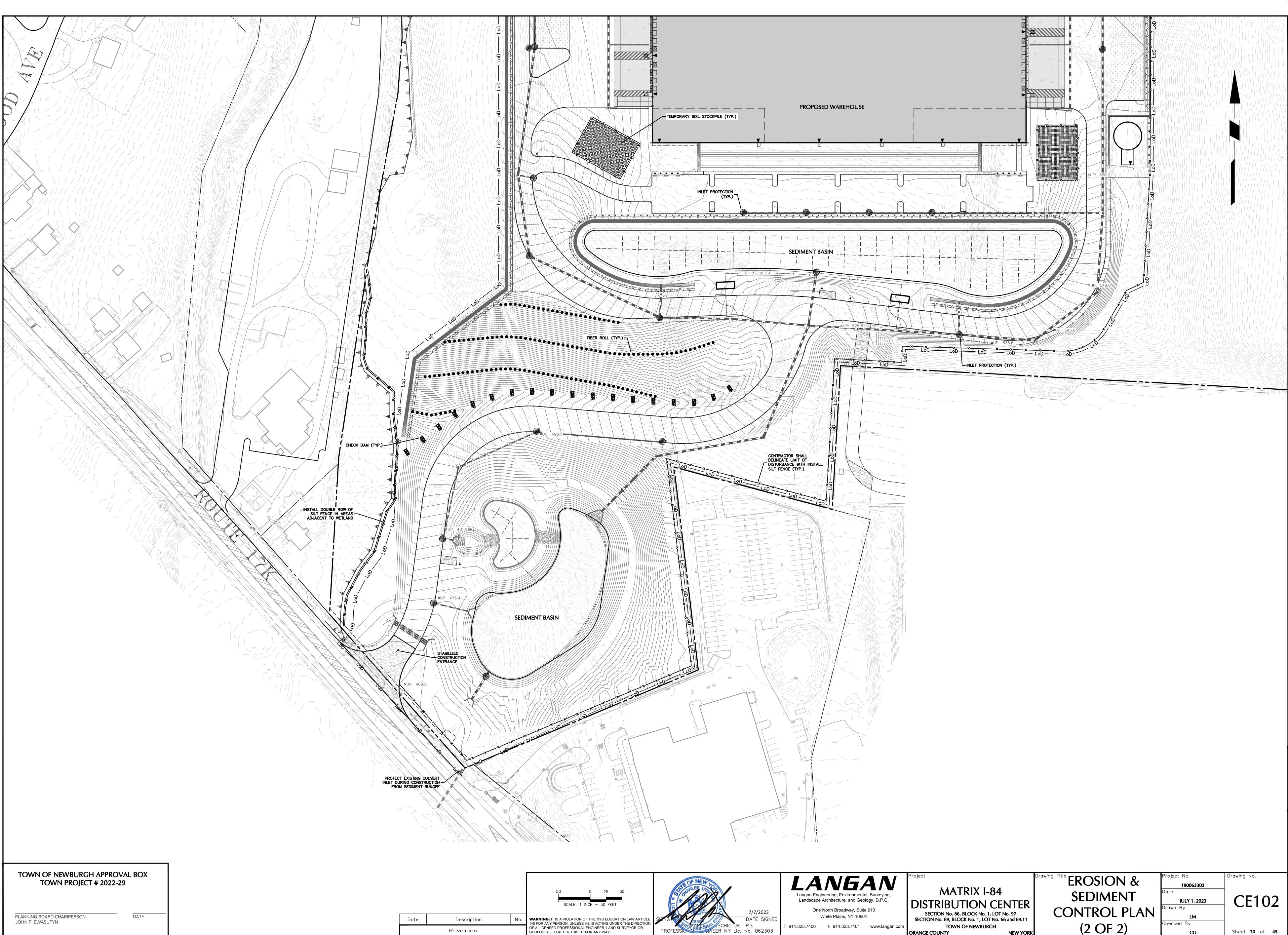
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Sheet **28** of **45** 





**NEW YORK** 

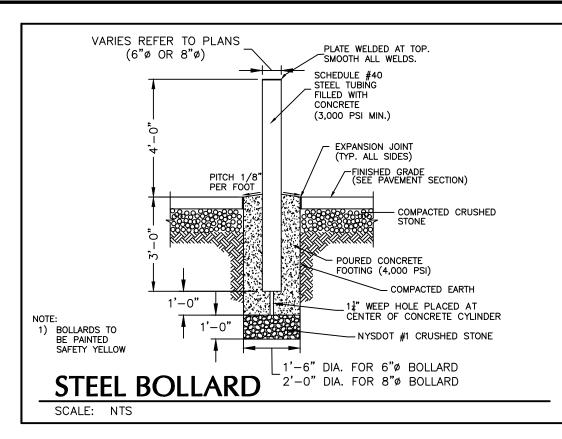
ORANGE COUNTY

(2 OF 2)

Project No.	Drawing No.
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Date	
JULY 1, 2023	CE102
Drawn By	
LM	
Checked By	

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Date: 7/7/2023 Time: 11:43 User: ascariano Style Table: Langan.stb Layout: CG402 Document Code: 190063302-0501-CE101-0103



COURSE ASPHALT BASE COURSE PROCESSED AGGREGATE SUBBASE COURSE (AS APPROVED BY OWNER'S	SIDEWALK	LAWN
GEOTECHNICAL ENGINEER)	CURB	(TYP) MA
SUBGRADE       SUBGRADE       ASPHALT SECTION     SURFACE COURSE - 'W'     BINDER COURSE - 'X'     BASE - 'Y'     SUBBASE - 'Z'		
CAR PARKING (STANDARD DUTY)       1.5 INCHES (HMA 9.5M64)       2.5 INCHES (HMA 19M64)       6 INCHES (NYSDOT TYPE 4)	CURB TRANSITIO (PROVIDE WHERE GRADE REQUIRE)	
MAIN ACCESS DRIVES (HEAVY DUTY)     2 INCHES (HMA 12.5M64)     4 INCHES (HMA 25M64)     8 INCHES (NYSDOT TYPE 4)	<u>SIDEWALK CURB RAMP NOTES:</u> 1. THERE SHALL BE A LANDING AT THE TOP OF EACH CURB RAMP.	H CURB
TRUCK COURTS (HEAVY DUTY)2 INCHES (HMA 12.5M64)4 INCHES (HMA 25M64)8 INCHES (NYSDOT TYPE 4)NYSDOT ENTRANCE (SFE NOTE 1)1.5 INCHES (NYSDOT TYPE 6F)2.5 INCHES (NYSDOT TYPE 3)3.5 INCHES (NYSDOT TYPE 1)12 INCHES (NYSDOT TYPE 4)	<ol> <li>LANDINGS SHALL HAVE A MINIMUM CLEAR DIMENSION OF 5 FEET BY 5 FEET SQUARE. MAY OVERLAP WITH ADJACENT LANDINGS OR A SINGLE LANDING MAY SERVE MULTIPLE</li> <li>THE MAXIMUM CROSS SLOPE OF CURB RAMPS SHALL BE 2 PERCENT. CURB RAMPS SUMPLY</li> </ol>	CURB RAMPS
<ul> <li>(SEE NOTE 1) (NYSDOT TYPE 6F) (NYSDOT TYPE 3) (NYSDOT TYPE 1) (NYSDOT TYPE 4)</li> <li>NOTES:</li> <li>NYSDOT PAVEMENT SECTION TO BE USED FOR PAVEMENT WITHIN THE NYS ROUTE 300 RIGHT-OF-WAY.</li> <li>PRIOR TO PLACING SUBBASE, ALL SUBGRADE AREAS SHALL BE PROOFROLLED WITH AT LEAST 4 PASSES OF EITHER A SMOOTH ROLLER HAVING A MINIMUM STATIC DRUM WEIGHT OF 5 TONS OR FULLY LOADED TRI-AXLE DUMP TRUCK TO THE SATISFACTION OF THE GEOTECHNICAL ENGINEER. ANY SOFT AREAS SHALL BE REMOVED AND REPLACED WITH CLEAN, GRANULAR, FREE-DRAINING SOIL. APPROVED SUBGRADE SHOULD BE PROTECTED FROM FREEZING AND RAIN.</li> <li>FILL SHALL BE PLACED IN LOOSE LIFTS NOT TO EXCEED 12" AND SHALL BE COMPACTED TO AT LEAST 95% OF ITS MAXIMUM DRY DENSITY AS DETERMINED BY ASTM D-1557, OR AS APPROVED BY GEOTECHNICAL ENGINEER.</li> <li>PRIOR TO ANY PAVING ACTIVITIES, THE SUBBASE SHALL BE PROOF ROLLED TO THE GEOTECHNICAL ENGINEER'S SATISFACTION. SOFT OR UNSTABLE AREAS SHALL BE REMEDIATED AS REQUIRED BY THE GEOTECHNICAL ENGINEER.</li> <li>PAVING BASE COURSE SHALL BE CONSTRUCTED IN LAYERS NOT LESS THAN 2 INCHES AND NOT MORE THAN 4 INCHES THICK PER LIFT.</li> <li>REFER TO GEOTECHNICAL REPORT FOR ADDITIONAL INFORMATION.</li> <li>ALL ASPHALT TO BE PLACED IN ACCORDANCE WITH NYSDOT REQUIREMENTS.</li> </ul>	<ul> <li>WARP.</li> <li>4. THE RUNNING GRADE OF CURB RAMPS SHOULD BE AS FLAT AS PRACTICABLE. THE MA</li> <li>5. CURB RAMPS LOCATED WHERE PEDESTRIANS MAY WALK ACROSS THE CURB RAMP SHA TIMES THE CURB HEIGHT, MEASURED ALONG THE CURB LINE. WHEN INFEASIBLE OR IMP THE TOP OF THE RAMP TO THE BACK OF THE SIDEWALK), THE LENGTH OF THE FLARE</li> <li>6. THE SURFACE OF ALL CURB RAMPS SHALL BE STABLE, FIRM AND SLIP RESISTANT. A CONCRETE RAMP SURFACES, EXCLUSIVE OF THE DETECTABLE WARNING FIELDS.</li> <li>7. RAMP TRANSITIONS BETWEEN WALKS, GUTTERS OR STREETS SHALL BE FLUSH AND FRE</li> <li>8. COORDINATE ALL TRAFFIC CONTROL DEVICES, UTILITY LOCATIONS, SIGNS, STREET FURN CURB RAMP LOCATIONS. GUIDANCE FOR CROSSWALK MARKINGS AND TRAFFIC CONTROL ARE NOTE ALLOWED IN RAMP WALKING SURFACES OR LANDINGS UNLESS APPROVE BY</li> <li>9. AT MARKED CROSSINGS, THE FULL WIDTH OF THE RAMP SHALL BE WHOLLY CONTAINED THE WIDTH OF THE MARKINGS.</li> </ul>	ALL HAVE FLAP PRACTICABLE IS SHALL BE COARSE BROC EE OF ABRUPT ITURE AND DR DEVICES IS F THE DESIGN E
8. PAVEMENT SUBGRADE PREPARATION WORK SHALL BE INSPECTED BY THE GEOTECHNICAL ENGINEER. ISOLATED AREAS THAT EXHIBIT UNSUITABLE CONDITIONS SHALL BE OVER-EXCAVATED TO A DEPTH AS DETERMINED BY THE GEOTECHNICAL ENGINEER AND IMMEDIATELY REPLACED WITH APPROVED COMPACTED FILL OR	<ol> <li>DETAILS ILLUSTRATE THAT DETECTABLE WARNINGS ARE REQUIRED. SEE THE CURRENT I WARNING REQUIREMENTS.</li> <li>SLOPES ON BLENDED TRANSITIONS SHALL NOT BE STEEPER THAN 2% (1 ON 50) IN AN</li> </ol>	
CRUSHED STONE. 8. SUBBASE MATERIAL MAY BE GENERATED FROM ON-SITE CRUSHING OF BEDROCK THAT MEETS THE REQUIREMENTS SPECIFIED IN THE GEOTECHNICAL REPORT. SITE ASPHALT PAVEMENT SECTION	12. REFER TO THE SIDEWALK DETAIL FOR REQUIRED CONCRETE STRENGTH.	
SCALE: NTS	SCALE: NTS 4" DIA. GALVANIZED	
6" LAYER OF 3" CLEAN STONE OR AS APPROVED BY GEOTECH ENGINEER WIRAFI 500X GEOTEXTILE OR EQUIVALENT IF GEOTECH ENGINEER NOTE: REFER TO CS200 FOR PROPOSED LOCATIONS. A MAJORITY OF THE EMERGENCY ACCESS ROAD IS EXISTING PAVEMENT.	TOP RAIL TENSION BAND 18" O.C. TYP. FIN. GRADE REF. CIVIL BOTTOM RAIL CHAIN LINK FENCE POURED-IN-PLACE 4,000 PSI CONC. FOOTING DOUBLE SWING GATE	
SCALE: NTS R 1/4" - SEE PLAN FOR WIDTH - BROOM FINISH	SCALE: NTS	
NOTES: 1. CONCRETE TO BE 4,500 PSI. 6% AIR-ENTRAINED, WITH A MEDIUM BROOM FINISH. 2. EXPANSION JOINTS TO BE INSTALLED @ 20-FT INTERVALS 3. 1" TOOLED JOINTS © 5-FT INTERVALS. 4. EXTERIOR CONCRETE SHALL HAVE A WATER CONTENT RATIO OF 0.45 AND 6% AIR ENTRAINMENT. 5. CONTROL JOINTS SHALL BE SPACES MAXIMUM 15 FEET APART IN BOTH DIRECTIONS. CONCRETE NTS	<ol> <li>CONCRETE SHALL BE 4,500 PSI CLASS 'B' AIR-ENTRAINED CONCRETE.</li> <li>TRANSVERSE JOINTS 1/2" WIDE SHALL BE INSTALLED IN THE CURB AT 20 FOOT INTERVALS AND SHALL BE FILLED WITH PREFORMED BITUMINOUS JOINT FILLER.</li> </ol>	NOTES: 1. CONCRETE 2. TRANSVER INTERVALS 3. ALL CURB FLUS SCALE: N
4,500 PSI CONCRETE WITH 6% AIR ENTRAINMENT AND WATER CONTENT RATIO OF 0.45 (LOADING DOCK APRON TO BE SLOPED AT 1%) PROCESSED AGGREGATE SUBBASE (AS APPROVED BY THE OWNER'S GEOTECHINCAL ENGINEER) COMPACT SUBGRADE GRADE 60 NO. 3 DEFORMED BARS. SLAB REINFORCEMENT LONGITUDINAL AND TRANSVERSE SPACING SHOULD BE A MAXIMUM OF 16 INCHES ON CENTER EACH WAY (MACRO-SYNTHETIC FIBERS MAY BE USED AS AN	1 1/2"	6" <
ALTERNATIVE – SEE FIBER REINFORCEMENT NOTES) NOTES: 1. PRIOR TO PLACING SUBBASE, ALL SUBGRADE AREAS SHALL BE PROOFROLLED WITH AT LEAST 4 PASSES OF EITHER A SMOOTH ROLLER HAVING A MINIMUM STATIC DRUM WEIGHT OF 5 TONS OR FULLY LOADED TRI-AXLE DUMP TRUCK TO THE SATISFACTION OF THE GEOTECHNICAL ENGINEER. ANY SOFT AREAS SHALL BE REMOVED AND REPLACED WITH CLEAN, GRANULAR, FREE-DRAINING SOIL. APPROVED SUBGRADE SHOULD BE PROTECTED FROM FREEZING AND RAIN. 2. FILL SHALL BE PLACED IN LOOSE LIFTS NOT TO EXCEED 12" AND SHALL BE	<ol> <li>NOTES: 8"</li> <li>MOUNTABLE CURB IS LOCATED AT ENTRANCE TO MAINTENANCE ACCESS.</li> <li>CONCRETE SHALL BE 4,500 PSI CLASS 'B' AIR-ENTRAINED CONCRETE.</li> <li>TRANSVERSE JOINTS 1/2" WIDE SHALL BE INSTALLED IN THE CURB AT 20 FOOT INTERVALS AND SHALL BE FILLED WITH PREFORMED BITUMINOUS JOINT FILLER.</li> <li>ALL CURBS SHALL BE INSTALLED ON AN APPROVED, COMPACTED SUBGRADE.</li> <li>MOUNTABLE CURB</li> </ol>	<u>NOTE:</u> SEE 6-INC DETAIL FO
<ol> <li>2. FILE SHALL BE PLACED IN LOOSE LIFS NOT TO EXCEED 12 AND SHALL BE COMPACTED TO AT LEAST 95% OF ITS MAXIMUM DRY DENSITY AS DETERMINED BY ASTM D-1557, OR AS APPROVED BY GEOTECHNICAL ENGINEER.</li> <li>3. FOR LOADING APRONS CONTROL JOINTS TO BE SAW CUT AT 15' MAX. SPACING IN BOTH DIRECTIONS.</li> <li>4. FOR DOLLY STRIPS CONTROL JOINTS TO BE SAW CUT AT 15' MAX. SPACING.</li> <li>5. PAVEMENT SUBGRADE PREPARATION WORK SHALL BE INSPECTED BY A QUALIFIED GEOTECHNICAL ENGINEER. ISOLATED AREAS THAT EXHIBIT UNSUITABLE CONDITIONS SHALL BE OVER-EXCAVATED TO A DEPTH AS DETERMINED BY THE GEOTECHNICAL ENGINEER AND IMMEDIATELY REPLACED</li> </ol>	SCALE: NTS 2"x2"x0.188" STEEL TUBE EXTENDED INTO CONCRETE FILLED PIPE 2'-0". PROVIDE WELDED WATERTIGHT CAP. PAINT P&L #6118 BLACK COFFEE	SCALE: SAW CUT A TACK COA
<ul> <li>WITH APPROVED COMPACTED FILL OR CRUSHED STONE.</li> <li>6. SMOOTH 1"X13" ROUND DOWELS SHALL BE SPACED 12" APART AT ALL CONSTRUCTION JOINTS.</li> <li>7. SUBBASE MATERIAL MAY BE GENERATED FROM ON-SITE CRUSHING OF BEDROCK THAT MEETS THE REQUIREMENTS SPECIFIED IN THE GEOTECHNICAL REPORT.</li> <li>FIBER REINFORCEMENT NOTES: <ul> <li>FIBERS SHOULD BE MACRO-SYNTHETIC.</li> <li>FIBERS SHOULD BE OBTAINED FROM ONE OF THE FOLLOWING SUPPLIERS:</li> <li>TUF-STRAND SF BY EUCLID CHEMICAL COMPANY</li> <li>CL95 MACRO FIBER BY PNA CONSTRUCTION TECHNOLOGIES, INC.</li> </ul> </li> </ul>	30" MIN A DIDE FILLED WITH ACCORDANCE WITH	18" EACH SIDE (TYF NOTES: 1. IF EXISTING
<ul> <li>FORTA-FERRO BY FORTA CORPORATION</li> <li>RECOMMENDATIONS FOR THE DOSAGE RATE, WATER-CEMENT RATIO, AND THE USE OF CHEMICAL ADMIXTURES SUCH AS WATER-REDUCERS AND SUPER PLASTICIZERS SHOULD COME FROM MANUFACTURER.</li> <li>FIBERS SHOULD NOT BE MIXED AT THE SITE.</li> </ul>	"NYCRR, CHAPTER V-UNIFORM "NYCRR, CHAPTER V-UNIFORM TRAFFIC CONTROL DEVICES." "NYCRR, CHAPTER V-UNIFORM TRAFFIC CONTROL DEVICES."	PAVEMENT EXISTING. 2. SAW CUT A 3. FURNISH, P 4. TACK COAT 5. FURNISH AI
LOADING DOCK APRON & DOLLY STRIP		5. FURNISH AN TREN SCALE:

ASPHALT SURFACE

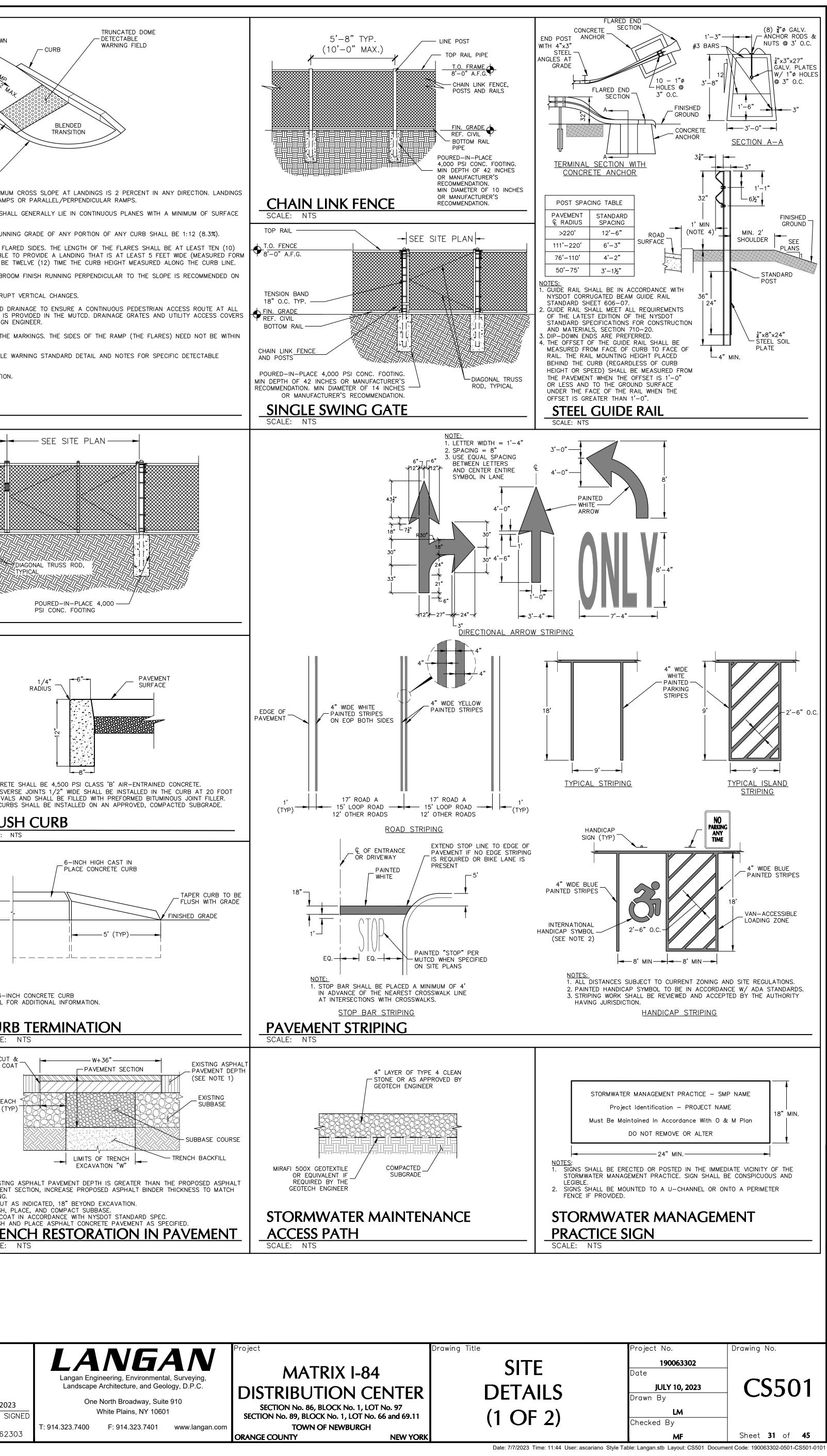
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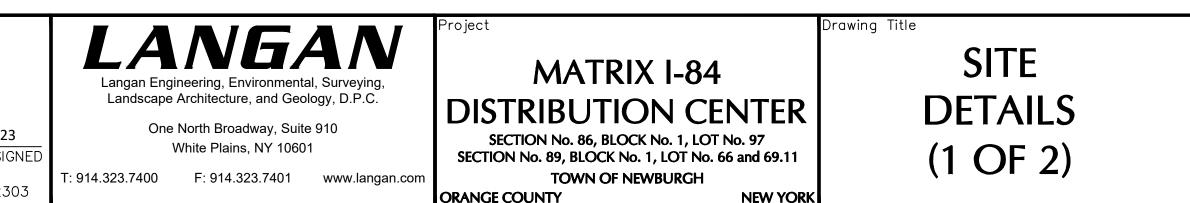
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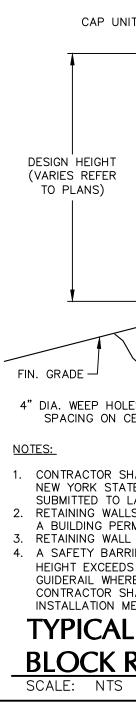
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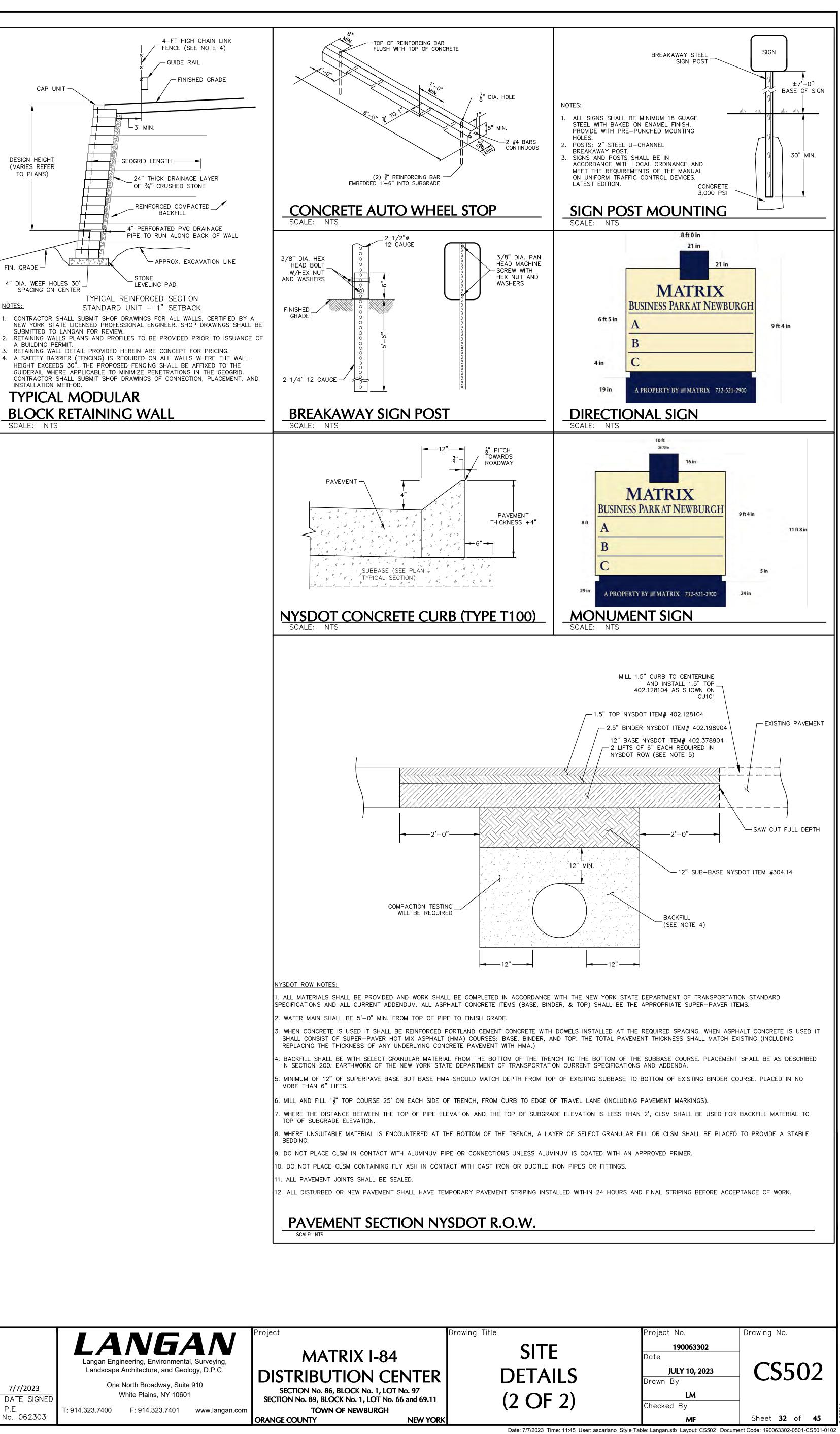


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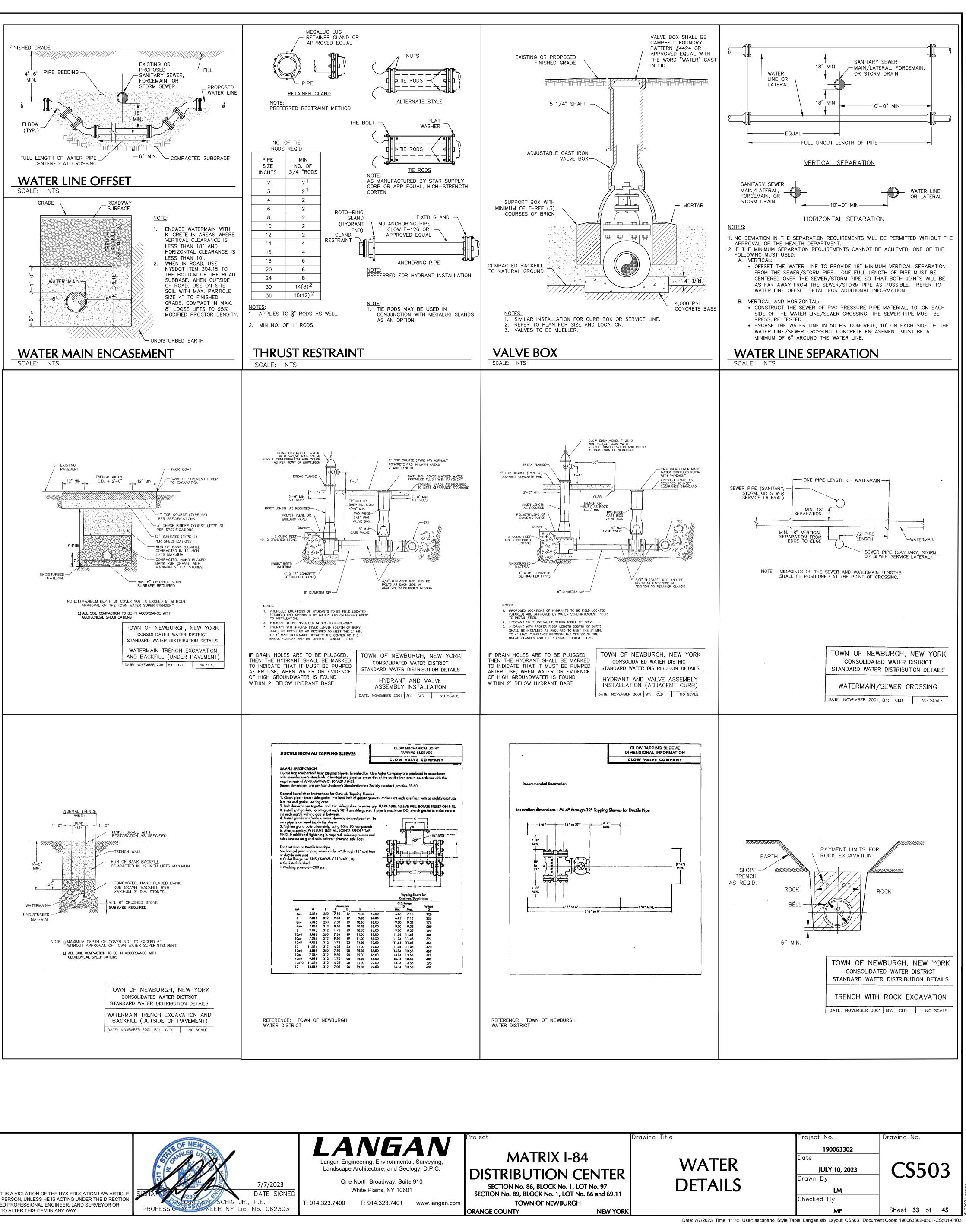
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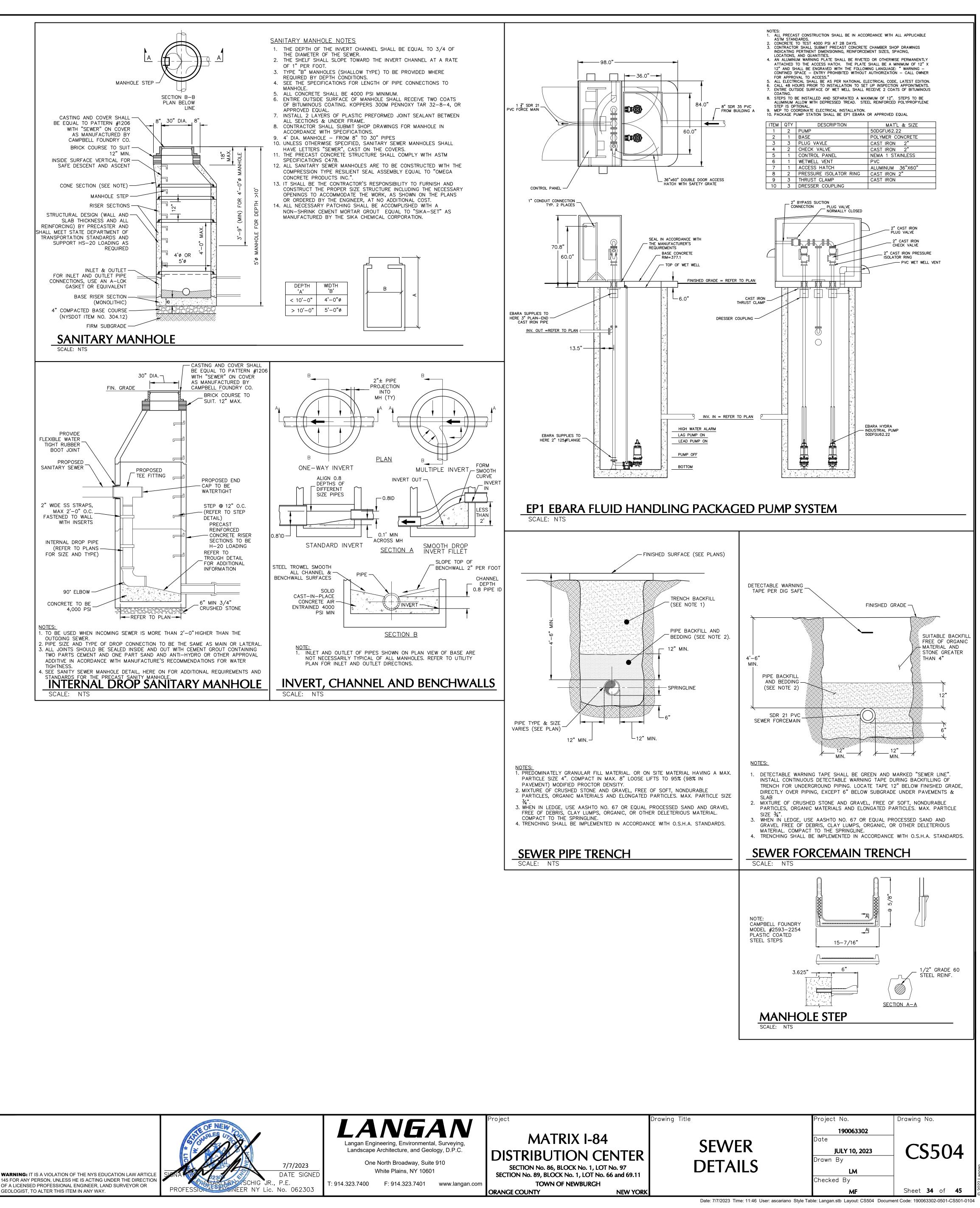




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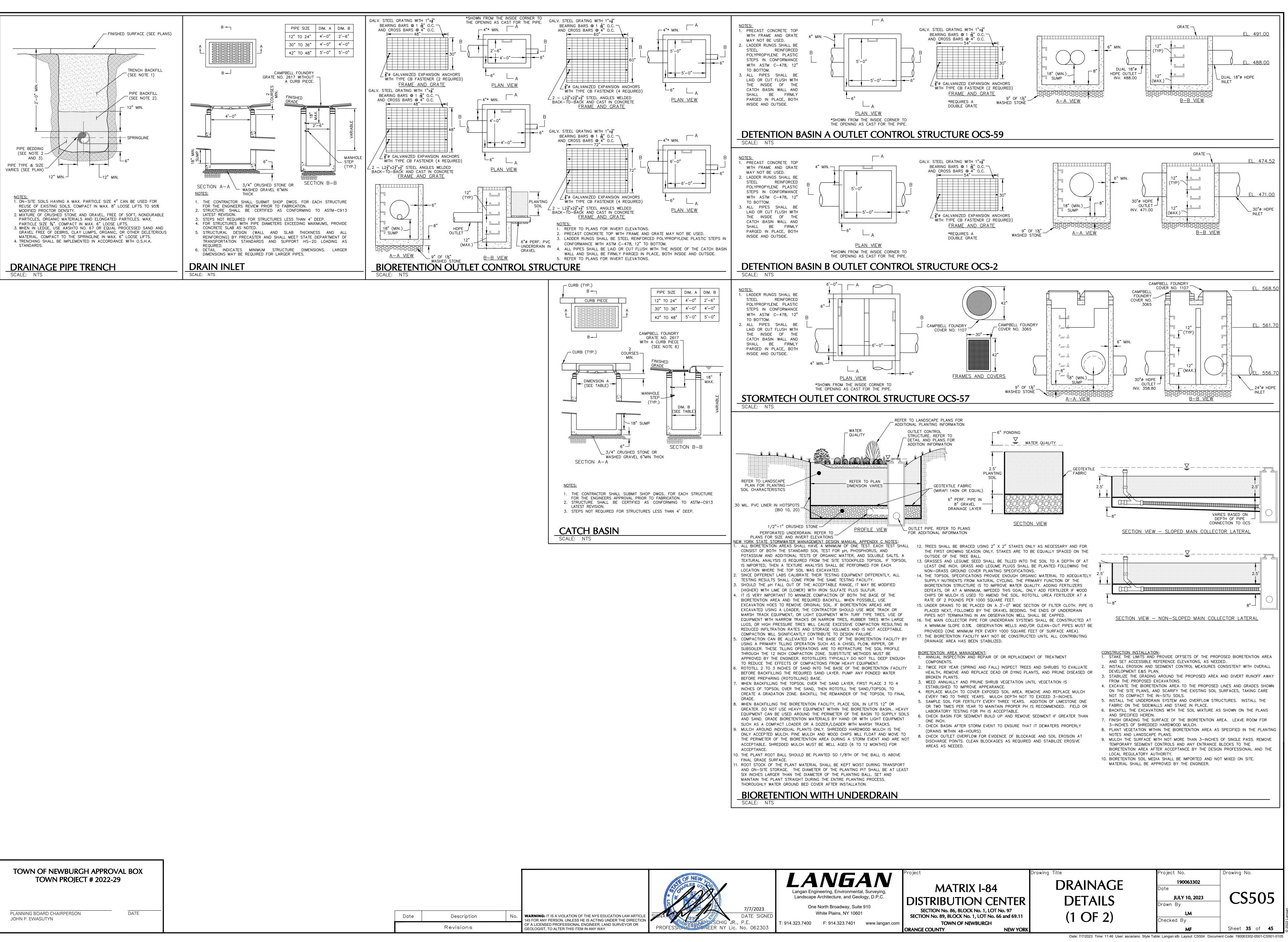
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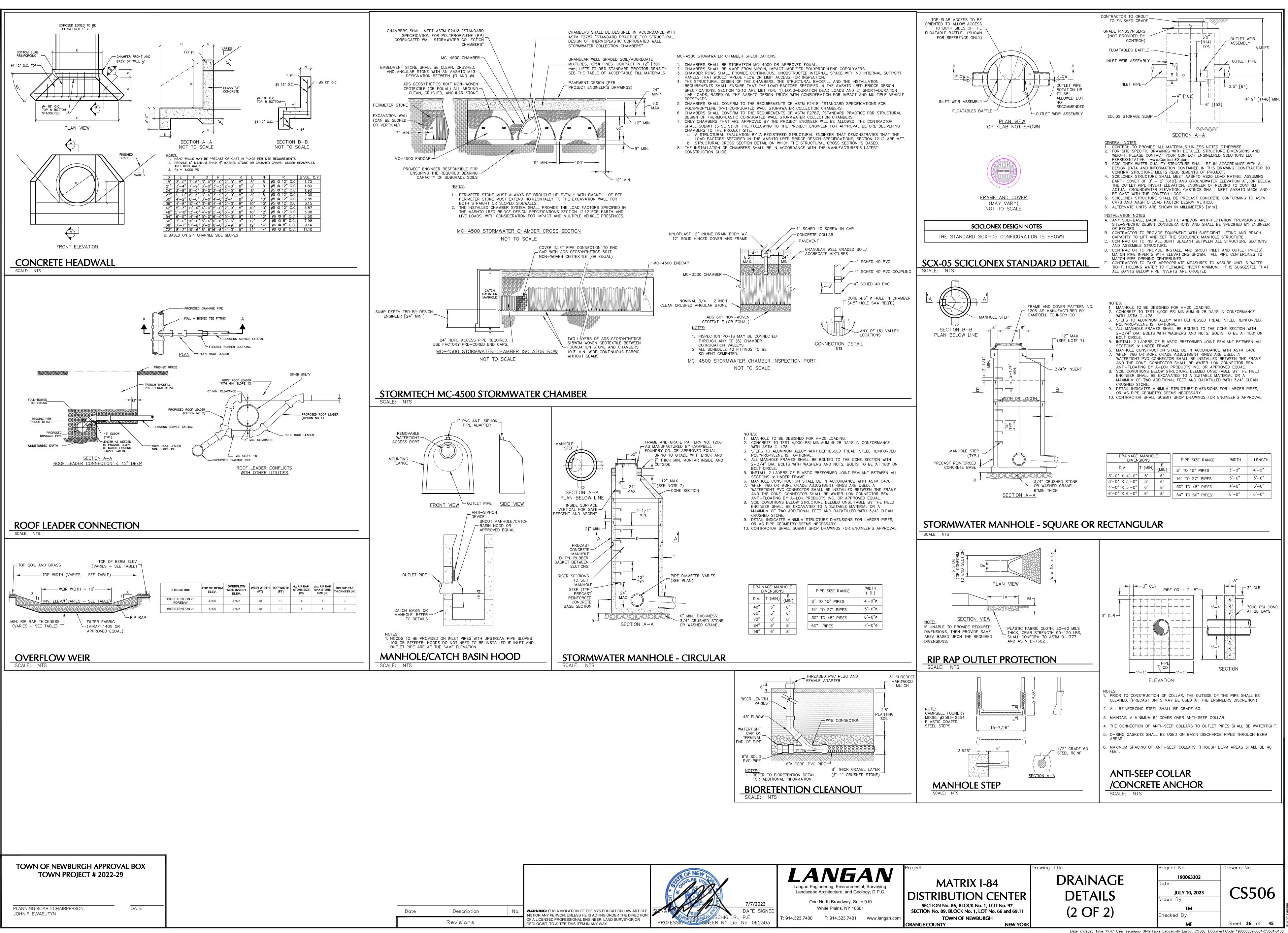
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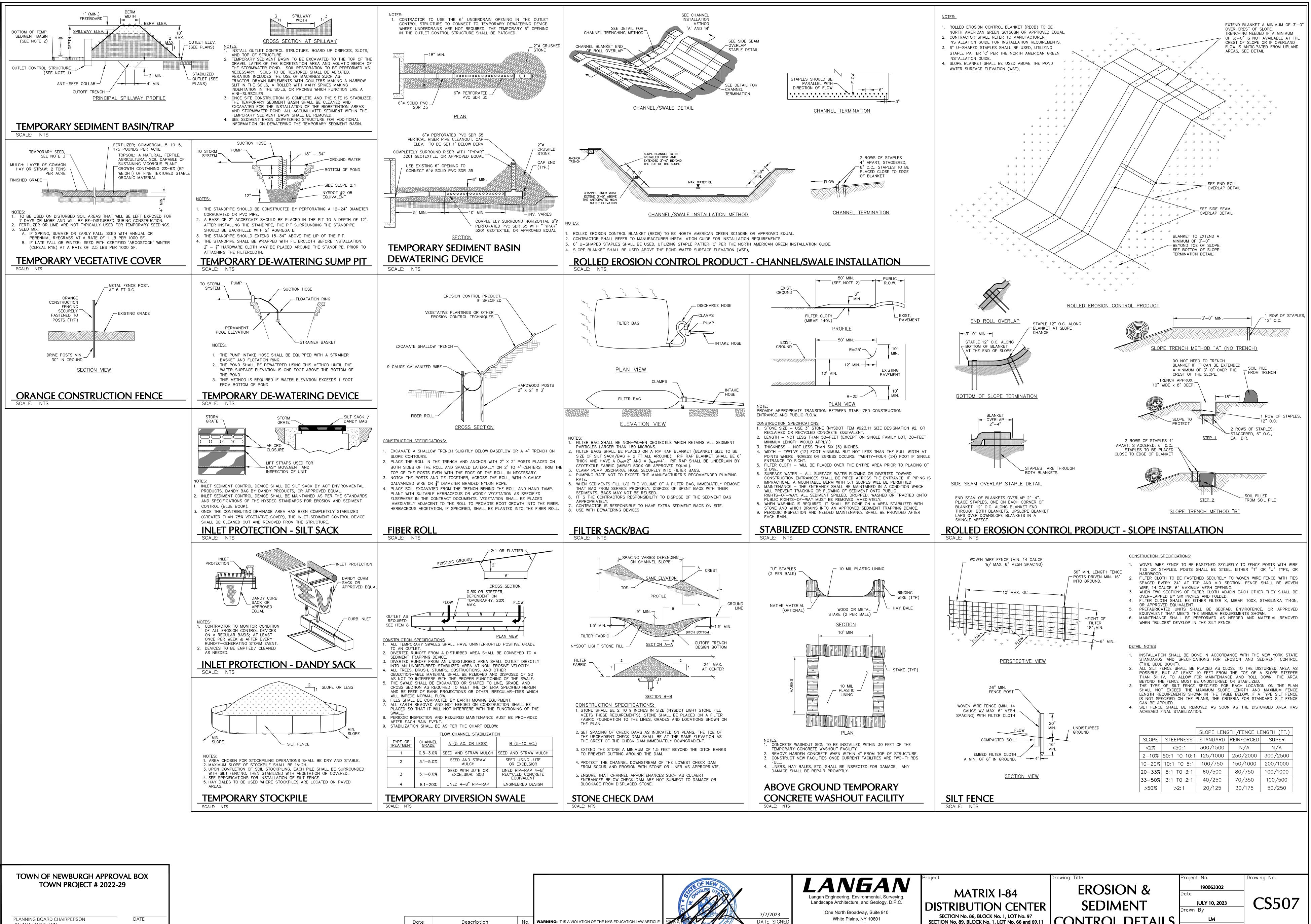




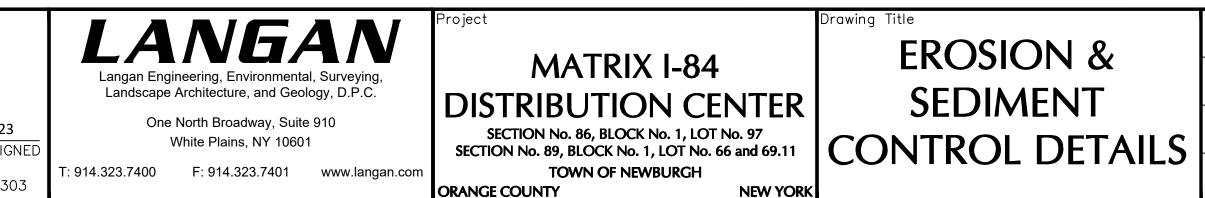




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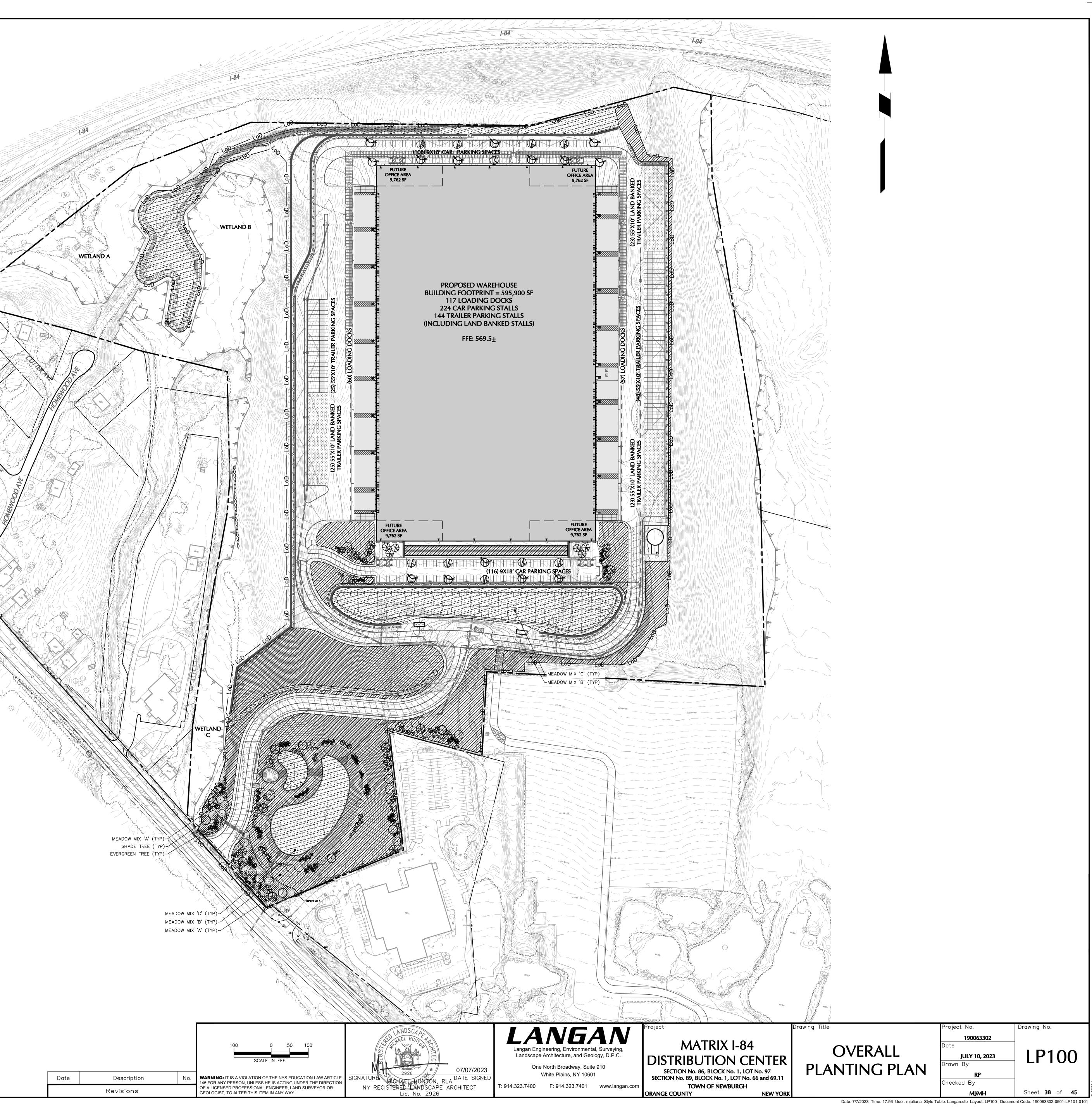
ORDINANCE COMPLIANCE CHART						
SECTION	REQUIRED/ PERMITTED	PROVIDED/ PROPOSED	COMPLIANCE			
185–13(D.9)(A)	ALL OPEN PARKING AREAS SHALL BE SUITABLY LANDSCAPED. IN PARKING LOTS WITH MORE THAN 20 SPACES, AT LEAST 5% OF THE AREA OF THE PARKING LOT SHALL BE DEVOTED TO LANDSCAPING WITHIN THE INTERIOR OF THE PARKING LOT. IN ALL PARKING LOTS PROVIDING 8 OR MORE OFF-STREET PARKING SPACES, ONE SHADE TREE SHALL BE PLANTED FOR EACH OF THE 8 PARKING SPACES.	TOTAL PARKING LOT AREA = 191,617 SF TOTAL LANDSCAPE AREA WITHIN PARKING LOT = 98,107 SF 98,107/191,617 = .512 = 5% 224 PARKING SPACES PROVIDED 224/8 = 28 PARKING TREES REQUIRED 43 PARKING TREES PROVIDED	COMPLIES			
185-21(C.1)	A BUFFER MUST BE PROVIDED BETWEEN ANY NONRESIDENTIAL AND RESIDENTIAL USE	EXISTING TREES PROVIDE A BUFFER BETWEEN USES	COMPLIES			

# PLANT SCHEDULE

KEY	QTY.	BOTANICAL NAME	COMMON NAME	SIZE	ROOT	REMARKS
SHADE	TREE(S)				I	I
AROG	9	ACER RUBRUM 'OCTOBER GLORY'	OCTOBER GLORY RED MAPLE	2 1/2-3" CAL.	B+B	-
GB	14	GINKGO BILOBA	MAIDENHAIR TREE GINKO	2 1/2-3" CAL.	B+B	MALE SPECIES ONLY
GTIS	9	GLEDITSIA TRIACANTHOS VAR. INERMIS 'SHADEMASTER'	SHADEMASTER HONEYLOCUST	2 1/2-3" CAL.	B+B	-
LST	10	LIQUIDAMBAR STYRACIFLUA	AMERICAN SWEETGUM	2 1/2-3" CAL.	B+B	_
PLO	10	PLATANUS OCCIDENTALIS	AMERICAN SYCAMORE	2 1/2-3" CAL.	B+B	_
QR	24	QUERCUS RUBRA	RED OAK	2 1/2-3" CAL.	B+B	_
EVERG	REEN TRE	E(S)		•	-	·
JV	19	JUNIPERUS VIRGINIANA	EASTERN RED CEDAR	8–10'	B+B	-
PS	12	PINUS STROBUS	EASTERN WHITE PINE	8–10'	B+B	-
EVERG	REEN SHR	UB(S)		· · · · · · · · · · · · · · · · · · ·	•	
MP	9	MYRICA PENSYLVANICA	NORTHERN BAYBERRY	30-36"	CONTAINER	-
DECIDU	OUS SHR	UB(S)			•	
HVCW	55	HAMAMELIS VIRGINIANA	COMMON WITCHHAZEL	30-36"	CONTAINER	-
RA	45	RHUS AROMATICA	SUMAC	30-36"	CONTAINER	-
VD	59	VIBURNUM DENTATUM	ARROWWOOD VIBURNUM	30-36"	CONTAINER	_

NOTE: IF ANY DISCREPANCIES OCCUR BETWEEN AMOUNTS SHOWN IN THE PLAN AND THE PLANT LIST, THE PLAN SHALL DICTATE.

# TOWN OF NEWBURGH APPROVAL BOX TOWN PROJECT # 2022-29



Project No.	Drawing No.
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Date	
JULY 10, 2023	LP100
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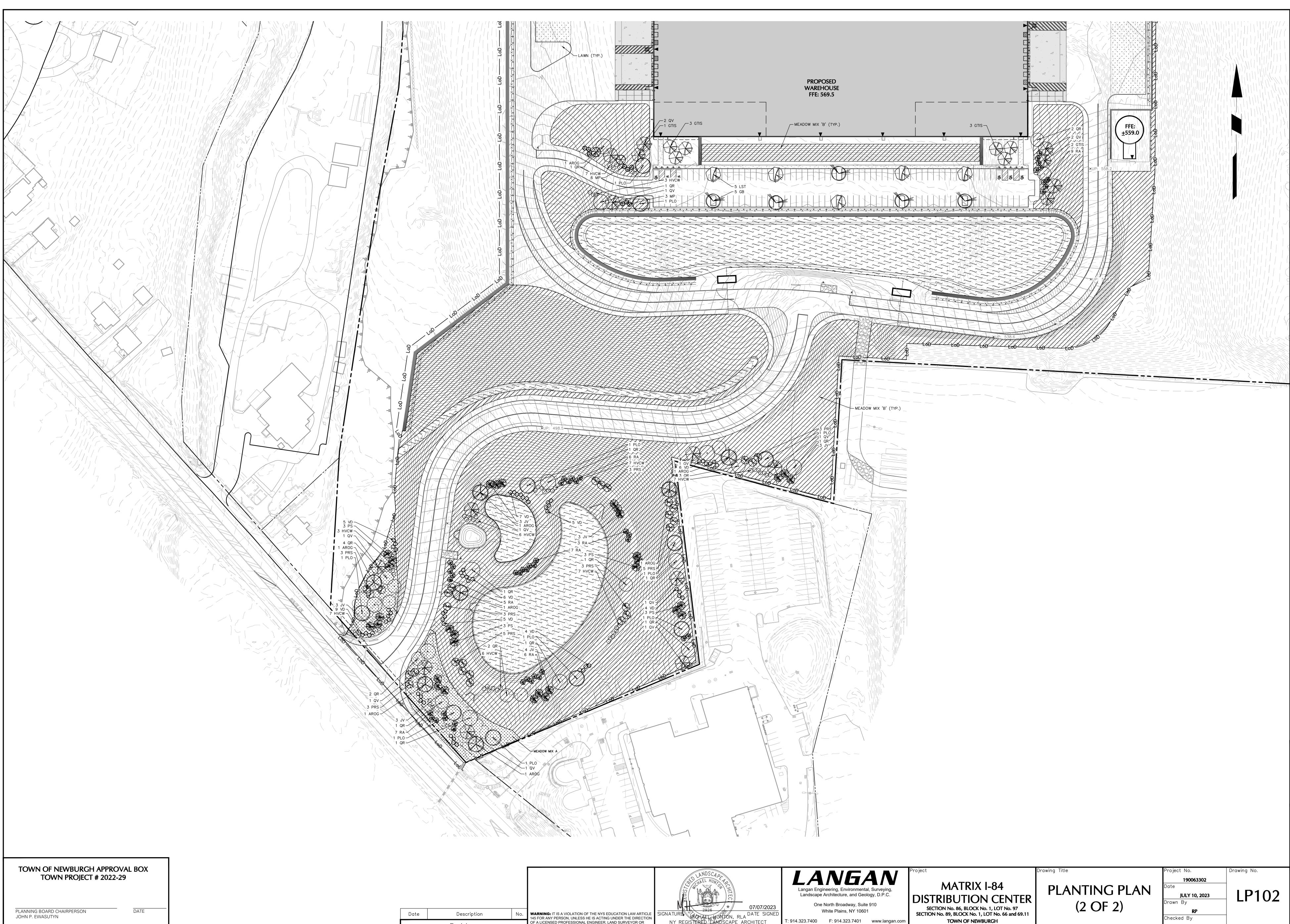
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Project No.	Drawing No.
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JULY 10, 2023	LP102
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## GENERAL LANDSCAPE PLANTING NOTES

- 1. NAMES OF PLANTS AS DESCRIBED ON THIS PLAN CONFORM TO THOSE GIVEN IN "STANDARDIZED PLANT NAMES", 1942 EDITION, PREPARED BY THE AMERICAN JOINT COMMITTEE ON HORTICULTURAL NOMENCLATURE. NAMES OF PLANT VARIETIES NOT INCLUDED THEREIN CONFORM TO NAMES GENERALLY ACCEPTED IN NURSERY TRADE.
- 2. ALL EXPOSED GROUND SURFACES THAT ARE NOT PAVED WITHIN THE CONTRACT LIMIT LINE, AND THAT ARE NOT OVERED BY LANDSCAPE PLANTING OR SEEDING AS SPECIFIED, SHALL BE COVERED BY A NATURAL MULCH THAT WILL PREVENT SOIL EROSION AND THE EMANATION OF DUST
- 3. NO PLANT SHALL BE PUT INTO THE GROUND BEFORE ROUGH GRADING HAS BEEN COMPLETED AND APPROVED BY PROJECT LANDSCAPE ARCHITECT OR PROJECT ENGINEER.
- 4. STANDARDS FOR TYPE, SPREAD, HEIGHT, ROOT BALL AND QUALITY OF NEW PLANT MATERIAL SHALL BE IN ACCORDANCE WITH GUIDELINES AS SET FORTH IN THE "AMERICAN STANDARD FOR NURSERY STOCK", PUBLISHED BY THE AMERICAN ASSOCIATION OF NURSERYMEN. PLANT MATERIAL SHALL HAVE NORMAL HABIT OF GROWTH AND BE HEALTHY, VIGOROUS, AND FREE FROM DISEASES AND INSECT INFESTATION.
- 5. NEW PLANT MATERIAL SHALL BE NURSERY GROWN UNLESS SPECIFIED OTHERWISE. ALL PLANTS SHALL BE SET PLUMB AND SHALL BEAR THE SAME RELATIONSHIP TO FINISHED GRADE AS THE PLANT'S ORIGINAL GRADE BEFORE DIGGING. PLANT MATERIAL OF THE SAME SPECIES AND SPECIFIED AS THE SAME SIZE SHOULD BE SIMILAR IN SHAPE, COLOR AND HABIT. THE LANDSCAPE ARCHITECT HAS THE RIGHT TO REJECT PLANT MATERIAL THAT DOES
- NOT CONFORM TO THE TYPICAL OR SPECIFIED HABIT OF THAT SPECIES. 6. THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL EXISTING UNDERGROUND UTILITY AND SEWER LINES PRIOR TO THE START OF EXCAVATION ACTIVITIES. NOTIFY THE PROJECT ENGINEER AND OWNER IMMEDIATELY OF ANY
- CONFLICTS WITH PROPOSED PLANTING LOCATIONS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE. . THE CONTRACTOR SHALL NOT MAKE SUBSTITUTIONS. IF THE SPECIFIED LANDSCAPE MATERIAL IS NOT OBTAINABLE, THE CONTRACTOR SHALL SUBMIT PROOF OF NON-AVAILABILITY TO THE LANDSCAPE ARCHITECT AND
- OWNER, TOGETHER WITH A WRITTEN PROPOSAL FOR USE OF AN EQUIVALENT MATERIAL. 8. LANDSCAPE CONTRACTOR TO STAKE OUT PLANTING LOCATIONS, FOR REVIEW AND APPROVAL BY THE LANDSCAPE
- ARCHITECT AND/OR OWNER BEFORE PLANTING WORK BEGINS. THE LANDSCAPE ARCHITECT AND/OR OWNER DIRECT THE CONTRACTOR IN THE FINAL PLACEMENT OF ALL PLANT MATERIAL AND LOCATION OF PLANTING BEDS TO ENSURE COMPLIANCE WITH DESIGN INTENT UNLESS OTHERWISE INSTRUCTED. 9. THE LANDSCAPE ARCHITECT MAY REVIEW PLANT MATERIALS AT THE SITE, BEFORE PLANTING, FOR COMPLIANCE MITH REQUIREMENTS FOR GENUS, SPECIES, VARIETY, SIZE, AND QUALITY. THE LANDSCAPE ARCHITECT RETAINS THE RIGHT TO FURTHER REVIEW PLANT MATERIALS FOR SIZE AND CONDITION OF BALLS AND ROOT SYSTEM NSECTS, INJURIES, AND LATENT DEFECTS, AND TO REJECT UNSATISFACTORY OR DEFECTIVE MATERIAL AT ANY TIME DURING PROGRESS OF WORK. THE CONTRACTOR SHALL REMOVE REJECTED PLANT MATERIALS IMMEDIATELY
- FROM PROJECT SITE AS DIRECTED BY THE LANDSCAPE ARCHITECT OR OWNER. 10. DELIVERY, STORAGE, AND HANDLING A. PACKAGED MATERIALS: PACKAGED MATERIALS SHALL BE DELIVERED IN CONTAINERS SHOWING WEIGHT ANALYSIS, AND NAME OF MANUFACTURER. MATERIALS SHALL BE PROTECTED FROM DETERIORATION DURING IVERY, AND WHILE STORED AT SITE. TREES AND SHRUBS. THE CONTRACTOR SHALL PROVIDE TREES AND SHRUBS DUG FOR THE GROWING SEASON FOR WHICH THEY WILL BE PLANTED. DO NOT PRUNE PRIOR TO DELIVERY UNLESS OTHERWISE DIRECTED BY
- THE LANDSCAPE ARCHITECT. DO NOT BEND OR BIND-TIE TREES OR SHRUBS IN SUCH A MANNER AS TO DAMAGE BARK, BREAK BRANCHES, OR DESTROY NATURAL SHAPE. PROVIDE PROTECTIVE COVERING DURING TRANSIT. DO NOT DROP BALLED AND BURLAPPED STOCK DURING DELIVERY OR HANDLING. . ALL PLANTS SHALL BE BALLED AND BURLAPPED OR CONTAINER GROWN AS SPECIFIED. NO CONTAINER GROWN STOCK WILL BE ACCEPTED IF IT IS ROOT BOUND. ALL ROOTBALL WRAPPING AND BINDING MATERIAL
- MADE OF SYNTHETICS OR PLASTICS SHALL BE REMOVED FROM THE TOP OF THE BALL AT THE TIME OF PLANTING. IF THE PLANT IS SHIPPED WITH A WIRE BASKET AROUND THE ROOT BALL, THE WIRE BASKET SHALL BE CUT AND FOLDED DOWN & INCHES INTO THE PLANTING HOLE. WITH CONTAINER GROWN STOCK HE CONTAINER SHALL BE REMOVED AND THE ROOT BALL SHALL BE CUT THROUGH THE SURFACE IN TWO
- D. THE CONTRACTOR SHALL HAVE TREES AND SHRUBS DELIVERED TO SITE AFTER PREPARATIONS FOR PLANTING HAVE BEEN COMPLETED AND PLANT IMMEDIATELY. IF PLANTING IS DELAYED MORE THAN 6 HOURS AFTER DELIVERY. THE CONTRACTOR SHALL SET TREES AND SHRUBS IN SHADE. PROTECT FROM WEATHER AND MECHANICAL DAMAGE AND KEEP ROOTS MOIST BY COVERING WITH MULCH, BURLAP OR OTHER ACCEPTABLE
- MEANS OF RETAINING MOISTURE. 11. ALL LANDSCAPED AREAS TO BE CLEARED OF ROCKS, STUMPS, TRASH AND OTHER UNSIGHTLY DEBRIS. ALL FIN GRADED AREAS SHOULD BE HAND RAKED SMOOTH ELIMINATING ANY CLUMPS AND AND UNEVEN SURFACES PRIOR TO PLANTING OR MULCHING.
- 12. ALL PLANT MATERIAL SHALL BE INSTALLED AS PER DETAILS, NOTES AND CONTRACT SPECIFICATIONS. THE LANDSCAPE ARCHITECT MAY REVIEW INSTALLATION AND MAINTENANCE PROCEDURES.
- 13. PER TOWN LANDSCAPE BOND REQUIREMENTS, NEW PLANT MATERIAL SHALL BE GUARANTEED TO BE ALIVE AND IN VIGOROUS GROWING CONDITION FOR A PERIOD OF TWO YEARS FOLLOWING ACCEPTANCE BY THE OWNER. PLANT MATERIAL FOUND TO BE UNHEALTHY, DYING OR DEAD DURING THIS PERIOD, SHALL BE REMOVED AND REPLACED IN KIND BY THE CONTRACTOR AT NO EXPENSE TO THE OWNER. PLANTS WILL BE INSPECTED UPON COMPLETIION OF INSTALLATION ONCE A REQUEST FOR INSPECTION HAS BEEN SUBMITTED BY THE CONTRACTOR AND WILL BE INSPECTED AGAIN THE FOLLOWING FOUR GROWING SEASONS
- 14. THE CONTRACTOR SHALL KEEP AREA CLEAN DURING DELIVERY AND INSTALLATION OF PLANT MATERIALS, REMOVE AND DISPOSE OF OFF-SITE ANY ACCUMULATED DEBRIS OR UNUSED MATERIALS. REPAIR DAMAGE TO ADJACENT AREAS CAUSED BY LANDSCAPE INSTALLATION OPERATIONS.
- 15. ALL PLANTS SHALL BE WATERED THOROUGHLY TWICE DURING THE FIRST 24-HOUR PERIOD AFTER PLANTING. ALL PLANTS SHALL THEN BE WATERED WEEKLY OR AS REQUIRED BY SITE AND WEATHER CONDITIONS TO MAINTAIN VIGOROUS AND HEALTHY PLANT GROWTH. 16. THE BACKFILL MIXTURE AND SOIL MIXES TO BE INSTALLED PER THE SPECIFICATIONS.
- 17. AFTER PLANT IS PLACED IN TREE PIT LOCATION, ALL TWINE HOLDING ROOT BALL TOGETHER SHOULD BE COMPLETELY REMOVED AND THE BURLAP SHOULD BE PULLED DOWN SO 1/3 OF THE ROOT BALL IS EXPOSED.
- SYNTHETIC BURLAP SHOULD BE COMPLETELY REMOVED AFTER INSTALLATION 18. MULCH SHOULD NOT BE PILED UP AROUND THE TRUNK OF ANY PLANT MATERIAL. NO MULCH OR TOPSOIL
- SHOULD BE TOUCHING THE BASE OF THE TRUNK ABOVE THE ROOT COLLAR. 19. ALL FENCE INSTALLATION SHALL BE COMPLETED PRIOR TO COMMENCEMENT OF ANY LANDSCAPE PLANTING, LAWN
- AND GRASSES, OR IRRIGATION WORK 20. FOR ANY DISCREPANCIES BETWEEN THE PLANT SCHEDULE AND PLANTING PLAN THE GRAPHIC QUANTITY SHOWN
- SHALL GOVERN. 21. PLANT MATERIALS SHALL NOT BE PLANTED UNTIL THE FINISHED GRADING HAS BEEN COMPLETED.
- 22. ALL PLANT INSTALLATIONS SHALL BE COMPLETED EITHER BETWEEN APRIL 1 JUNE 15 OR AUGUST 15 NOVEMBER 1, UNLESS OTHERWISE DIRECTED BY THE PROJECT LANDSCAPE ARCHITECT. SEE LAWN SEEDING DATES IN SEEDING NOTES.

# LAWN WATERING SCHEDULE

THE FOLLOWING WATERING SCHEDULE COVERS ROUGHLY 8 WEEKS TO ESTABLISH A HEALTHY STAND OF GRASS FROM SEED. THE CONTRACTOR SHALL BE OBLIGATED TO ENSURE A HEALTHY STAND OF GRASS AT THE END OF THE MAINTENANCE/BOND PERIOD. ANY BARE OR DEAD AREAS IN THE LAWN SHALL BE PREPARED, RESEEDED AND REESTABLISHED PRIOR TO THE END OF THE MAINTENANCE/BOND PERIOD AND TO THE SATISFACTION OF THE PROJECT LANDSCAPE ARCHITECT AND THE OWNER. IMPORTANT ASPECTS TO ATTAINING AND SUSTAINING A HEALTHY STAND OF GRASS ARE THE INSTALLATION OF

- TOPSOIL. SEED BED PREPARATION. ATTAINING OPTIMAL DH FOR THE INTENDED PLANT SPECIES. FERTILIZING. MULCH COVERING, AND SUFFICIENT WATERING PER THESE NOTES AND/OR PROJECT SPECIFICATIONS. 1. SEEDING SHALL BE DONE DURING THE SEASONS SPECIFIED IN THE LAWN SEED MIX NOTES AND/OR PROJECT SPECIFICATIONS.
- 2. AFTER THE SEEDBED IS PREPARED, SEED IS INSTALLED, AND MULCH IS APPLIED, WATER LIGHTLY TO KEEP THE TOP 2 INCHES OF SOIL CONSISTENTLY MOIST, NOT SATURATED. AT NO TIME SHOULD WATER BE APPLIED TO THE POINT OF RUNOFF OR THE DISPLACEMENT OF SEED.
- 3. DEPENDING ON SOIL TEMPERATURES, IT MAY TAKE SEVERAL WEEKS FOR GERMINATION TO OCCUR. DIFFERENT SPECIES WITHIN THE MIX GERMINATE AT DIFFERENT TIMES AND THEREFORE CONTRACTOR SHOULD CONTINUE THE
- LIGHT WATERING, AS DESCRIBED ABOVE, UNTIL THERE IS AT LEAST 2 INCHES OF GROWTH THROUGHOUT. 4. AT THIS POINT, WATERING FREQUENCY MAY BE REDUCED TO EVERY 3 TO 5 DAYS. WATER SHALL BE APPLIED TO WET A 6 INCH MINIMUM SOIL DEPTH TO PROMOTE HEALTHY DEEP ROOTS.
- 5. BEGIN MOWING ONCE PER WEEK AFTER THE GRASS HAS REACHED 3 INCHES HEIGHT. MOW TO A HEIGHT OF NO LESS THAN 2-1/2 INCHES. AFTER 2 TO 3 WEEKS OF MOWING, CONTINUE TO WATER TO A 6 INCH MINIMUM SOIL DEPTH AS NECESSARY PER WEATHER CONDITIONS, AND SOIL MOISTURE SENSORS IF APPLICABLE.

# LAWN SEED MIX

1. LAWN SEED MIX: LESCO GRASS SEED - ALL PRO TRANSITION MIX (3 TURF-TYPE TALL-FESCUE GRASSES)

A) SEED RATE: 1) NEW ESTABLISHMENT: SEED AT A RATE OF 6-8 LBS/1000 SQ FT 2) RENOVATION: 20-50% EXISTING COVER: 5-7 LBS/1000 SQ FT 50-75% EXISTING COVER: 4-6 LBS/1000 SQ FT

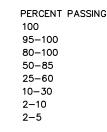
- 2. GENERAL SEED NOTES:
- A) FINAL SEED MIXTURES, RATES, AND SPECIES TO BE DETERMINED BASED ON PROJECT LANDSCAPE ARCHITECT B) SEEDING SHALL TAKE PLACE IN THE SPRING (APRIL 1 TO JUNE 15) OR THE FALL (SEPTEMBER 1 TO
- OCTOBER 15 C) ELIMINATE UNWANTED VEGETATION PRIOR TO SEEDING USING A GLYPHOSATE-BASED HERBICIDE PER
- MANUFACTURER'S SPECIFICATIONS. D) IT IS RECOMMENDED THAT CONTRACTOR INSTALL SEED MIXTURE USING A NO-TILL TRUAX-TYPE DRILL SEEDER WHERE APPLICABL E) THERE MUST BE CONTINUOUS SOIL MOISTURE FOR 4-6 WEEKS TO ALLOW FOR PROPER GERMINATION.

## PLANTING SOIL SPECIFICATIONS

I. PLANTING SOIL, ALTERNATELY MAY BE REFERRED TO AS TOPSOIL, SHOULD BE FRIABLE, FERTILE, WELL DRAINED, FREE OF DEBRIS, TOXINS, TRASH AND STONES OVER 1/2" DIA., IT SHOULD HAVE A HIGH ORGANIC CONTENT SUITABLE TO SUSTAIN HEALTHY PLANT GROWTH AND SHOULD LOOK AESTHETICALLY PLEASING HAVING NO NOXIOUS 2. PLANTING SOIL:

- REUSE SURFACE SOILS STOCKPILED ON SITE. VERIFYING COMPLIANCE WITH PLANTING SOIL AND TOPSOIL CRITERIA IN THIS SPECIFICATION THROUGH TESTING. CLEAN SURFACE SOIL OF ALL ROOTS, PLANTS, SOD, AND GRAVEL OVER 1" IN DIAMETER AND DELETERIOUS MATERIALS. IF ON-SITE SOILS ARE TO BE USED FOR PROPOSED PLANTING, THE CONTRACTOR SHALL DEMONSTRATE, THROUGH SOIL TESTING, THAT ON-SITE SOILS MEET THE SAME CRITERIA AS INDICATED IN NOTES PLANS AND SPECIFICATIONS. SUPPLEMENT WITH IMPORTED OR MANUFACTURED TOPSOIL FROM OFF SITE SOURCES WHEN TOPSOIL AND PLANTING SOIL QUANTITIES ARE INSUFFICIENT. OBTAIN SOIL DISPLACED FROM NATURALLY WELL-DRAINED SITES WHERE TOPSOIL OCCURS AT LEAST 4" DEEP. DO NOT OBTAIN FROM AGRICULTURAL LAND, BOGS, MARSHES OR CONTAMINATED SITES.
- CONTRACTOR SHALL TEST SOILS AND FURNISH SAMPLES UPON REQUEST. PACKAGED MATERIALS SHALL UNOPENED BAGS OR CONTAINERS, EACH BEARING A NAME, GUARANTEE, AND TRADEMARK OF THE PRODUCER, MATERIAL COMPOSITION, MANUFACTURER'S CERTIFIED ANALYSIS, AND THE WEIGHT OF THE MATERIALS, SOIL OR AMENDMENT MATERIALS SHALL BE STORED ON SITE TEMPORARILY IN STOCKPILES PRIOR TO PLACEMENT AND SHALL BE PROTECTED FROM INTRUSION OF CONTAMINANTS AND EROSION. AFTER MIXING, SOIL MATERIALS SHALL BE COVERED WITH A TARPAULIN UNTIL TIME OF ACTUAL USE. ALL PLANTING SOILS SHALL BE SUBMITTED FOR TESTING TO THE STATE COOPERATIVE EXTENSION SERVICE. OR
- APPROVED EQUAL, PRIOR TO DELIVERY TO THE SITE. CONTRACTOR SHALL FURNISH SOIL SAMPLES AND SOIL TEST RESULTS TO LANDSCAPE ARCHITECT OR OWNER AT A RATE OF ONE SAMPLE PER 500 CUBIC YARDS TO ENSURE CONSISTENCY ACROSS THE TOTAL VOLUME OF PLANTING SOIL REQUIRED. TEST RESULTS SHALL EVALUATE FOR ALI CRITERIA LISTED IN THIS SPECIFICATION. IF TESTING AGENCY DETERMINES THAT THE SOILS ARE DEFICIENT IN ANY MANNER AND MAY BE CORRECTED BY ADDING AMENDMENTS, THE CONTRACTOR SHALL FOLLOW STATED RECOMMENDATIONS FOR SOIL IMPROVEMENT AND FURNISH SUBMITTALS FOR ALL AMENDMENTS PRIOR TO DELIVERY
- OF SOIL TO THE PROJECT SITE. A. THE FOLLOWING TESTING SHOULD BE PERFORMED AND RESULTS GIVEN TO THE LANDSCAPE ARCHITECT FOR APPROVAL BEFORE INSTALLATION: a. PARTICLE SIZE ANALYSIS - LOAMY SAND: 60-75% SAND, 25-40% SILT, AND 5-15% CLAY. b. FERTILITY ANALYSIS: pH (5.5-6.5), SOLUBLE SALTS (LESS THAN 2 MMHO/CM), NITRATE, PHOSPHATE, OTASSIUM, CALCIUM AND MAGNESIUM c. ORGANIC MATTER CONTENT: 2.5-5% IN NATIVE SOILS; UP TO 10% IN AMENDED SOILS d. TOXIC SUBSTANCE ANALYSIS e. MATERIAL DRAINAGE RATE: 60% PASSING IN 2 MINUTES. 40% RETAINED
- f. NOT MORE THAN 1% OF MATERIAL SHALL BE RETAINED BY A #4 SIEVE 3. BIORETENTION SOIL MIX a. BIORETENTION SOIL MIX IS TO BE USED IN ALL DETENTION BASINS AND RAIN GARDENS. b. MIX TO CONSIST OF 60% COARSE SAND, 40% SUBMITTED TOPSOIL/HORTICULTURAL SOIL MIX
  - c. TOPSOIL/HORTICULTURAL SOIL MIX: REFER TO SPECIFICATIONS LISTED IN SECTION ABOVE d. COARSE SAND

)	PAR	TICLE SIZE ANALYSIS
	SIE	/E
	3/8	3 INCH (9.5 MM)
	NO	4 (4.75 MM)
	NO	8 (2.36 MM)
	NO	16 (1.18 MM)
	NO	30 (.60 MM)
	NO	50 (.30 MM)
	NO	100 (.15 MM)
	NO	200 (0.75 MM



PH: LOWER THAN 7.0 TOXIC SUBSTANCE ANALYSIS

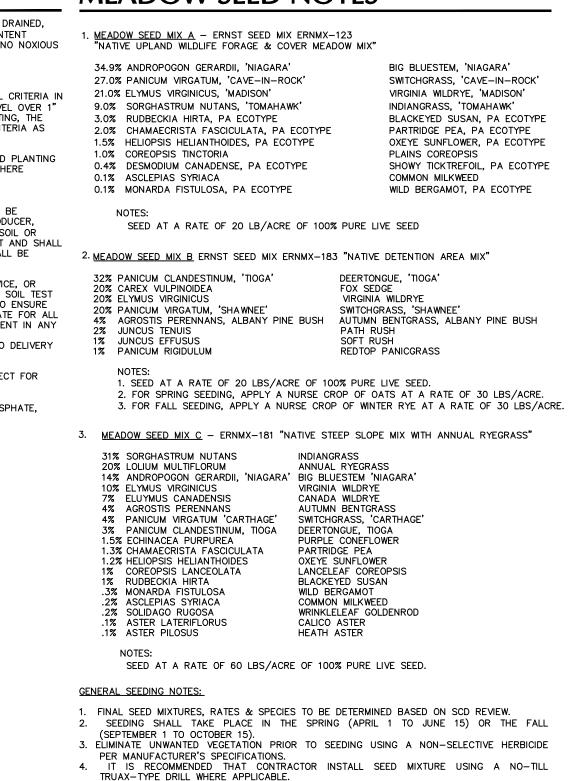
e. FINAL BIORETENTION MIX

2) CHEMICAL ANALYSIS

- 1) PARTICLE SIZE ANALYSIS a) SAND - 80-85% b) SILT - 10-15%
- c) CLAY 2-5% NOT MORE THAN 1% OF MATERIAL TO BE RETAINED BY A #4 SIEVE
- 2) CHEMICAL ANALYSIS a) PH - 5.5-6.5
- b) SOLUBLE SALTS: LESS THAN 2 MMHO/CM
- 3) CONTRACTOR TO SUBMIT TOXIC SUBSTANCE ANALYSIS AND MATERIAL DRAINAGE RATE IN ADDITION TO INFORMATION LISTED ABOVE. DRAINAGE RATE OF MATERIAL TO EXCEED 1 INCH/HOUR 4. SOIL AMENDMENT FOR PLANT MATERIAL IF SOIL ORGANIC CONTENT IS INADEQUATE, SOIL SHALL BE AMENDED WITH COMPOST OR ACCEPTABLE, WEED FREE, ORGANIC MATTER. ORGANIC AMENDMENT SHALL BE WELL COMPOSTED, PH RANGE OF 6-8; MOISTURE CONTENT
- 5-55% BY WEIGHT 100% PASSING THROUGH 1" SIEVE; SOLUBLE SALT CONTENT LESS THAN 0.5 MM HOS/CM; MEETING ALL APPLICABLE ENVIRONMENTAL CRITERIA FOR CLEAN FILI A, ORGANIC MATTER AS A SOIL AMENDMENT: LEAF MOLD WITH 60-90% ORGANIC CONTENT BY WEIGHT, SHREDDED
- LEAF LITTER, COMPOSTED FOR A MINIMUM OF 1 YR. SHOULD BE FREE OF DEBRIS, STONES OVER 1/2", WOOD CHIPS OVER 1' B. SOIL IN BEDS AND PLANTING ISLANDS OTHER THAN BACKFILL MATERIAL AND TOPSOIL, SHOULD BE FRIABLE,
- WELL DRAINED, AND FREE OF DEBRIS, INCLUDING STONES AND TRASH. C AMENDMENTS FOR BACK FUL IN TREE AND SHRUB PITS
- a. GROUND LIMESTONE (WITH A MIN. OF 88% OF CALCIUM AND MAGNESIUM CARBONATES) USED PENDING RESULTS OF SOIL ANALYSIS. - BRING pH LEVELS TO 5.5 MIN. TO 6.5 FOR NON-ERICACEOUS PLANTS
- BRING pH LEVELS TO 4.5 MIN. TO 5.5 FOR ERICACEOUS PLANTS b. TERRA-SORB BY 'PLANT HEALTH CARE' 800-421-9051 (SEE MANUFACTURER RECOMMENDATIONS) USED IN PLANTER BACKFILL MIXTURE WITH TREES AND SHRUBS. c. MYCOR-ROOT SAVER BY 'PLANT HEALTH CARE' 800-421-9051 (SEE MANUFACTURER RECOMMENDATIONS) USED IN BACKFILL MIXTURE WITH TREES.
- 5. WHERE PLANTING AREAS ARE PROPOSED FOR FORMER PAVED OR GRAVEL AREAS, BEDS SHALL BE EXCAVATED TO A MINIMUM 30" DEPTH AND, AT A MINIMUM, BE BACKFILLED WITH BOTTOM LAYER OF SANDY LOAM (ORGANIC CONTENT LESS THAN 2%) OVER WHICH TOPSOIL AND PLANTING SOILS WILL BE PLACED AT DEPTHS INDICATED IN PLANS, DETAILS AND NOTES.
- 6. CLEAN SOIL FILL IN LANDSCAPE AREAS: LANDSCAPE FILL MATERIAL, BELOW PLANTING SOILS, SHALL HAVE THE PHYSICAL PROPERTIES OF A SANDY LOAM WITH AN ORGANIC CONTENT OF LESS THAN 2% AND A PH BETWEEN 5 - 7. 7. SOIL PLACEMENT A. CONTRACTOR TO PROVIDE SIX INCHES (6") MINIMUM DEPTH PLANTING SOIL LAYER IN LAWN AREAS, TWELVE
- INCHES (12") MINIMUM DEPTH PLANTING SOIL LAYER IN GROUNDCOVER AND PERENNIAL AREAS, EIGHTEEN NCHES (18") MINIMUM DEPTH PLANTING SOIL LAYER IN SHRUB AREAS, AND THIRTY-SIX INCHES (36") MINIMUM DEPTH PLANTING SOIL LAYER IN TREE PLANTING AREAS. B. SCARIFY AND/OR TILL COMPACTED SUBSOILS TO A MINIMUM DEPTH OF 6 INCHES. THOROUGHLY MIX A 6 INCH DEPTH LAYER OF PLANTING SOIL INTO THE SUBSOIL PRIOR TO PLACING PLANTING SOIL AT THE DEPTHS
- INDICATED ABOVE. PLANTING SOIL SHALL BE PLACED IN 12-18" LIFTS AND WATER THOROUGHLY BEFOR INSTALLING NEXT LIFT. REPEAT UNTIL DEPTHS AND FINISH GRADES HAVE BEEN ACHIEVED. NO SOILS SHALL BE PLACED IN A FROZEN OR MUDDY CONDITION. C. PLANTING SOIL PRESENT AT THE SITE, IF ANY, MAY BE USED TO SUPPLEMENT TOTAL AMOUNT REQUIRED. CONTRACTOR TO FURNISH AN ANALYSIS OF ON-SITE PLANTING SOIL UTILIZED IN ALL PLANTING AREAS.
- SOIL CONDITIONING: A. ADJUST pH AND NUTRIENT LEVELS AS REQUIRED TO ENSURE AN ACCEPTABLE GROWING MEDIUM. LOWER pH USING ELEMENTAL SULFUR ONLY. PEAT MOSS OR COPPER SULFATE MAY NOT BE USED, GROUND LIMESTONE AS A SOIL AMENDMENT MATERIAL WILL ONLY BE USED PENDING RESULTS OF SOIL ANALYSIS. PROVIDE WITH MINIMUM 88% CALCIUM AND MAGNESIUM CARBONATES AND SHALL HAVE TOTAL 100% PASSING THE 10 MESH SIEVE, MINIMUM 90% PASSING 20 MESH SIEVE, AND MINIMUM 60% PASSING 100 MESH SIEVE.
- B. ALL DEBRIS EXPOSED FROM EXCAVATION AND CULTIVATION SHALL BE DISPOSED OF AT THE CONTRACTOR'S
- C. SOIL MODIFICATIONS (PENDING RESULTS OF SOIL ANALYSIS); a. THOROUGHLY TILL ORGANIC MATTER (LEAF COMPOST) INTO THE TOP 6 TO 12 IN. OF MOST PLANTING SOILS TO IMPROVE THE SOIL'S ABILITY TO RETAIN WATER AND NUTRIENTS. ALL PRODUCTS SHOULD BE COMPOSTED TO A DARK COLOR AND BE FREE OF PIECES WITH IDENTIFIABLE LEAF OR WOOD STRUCTURE. AVOID MATERIAL WITH A PH HIGHER THAN 7.0. PEAT MOSS MAY NOT BE USED AS ORGANIC MATTER AMENDMEN
- b. MODIFY HEAVY CLAY OR SILT (MORE THAN 40% CLAY OR SILT) BY ADDING COMPOSTED PINE BARK (UP TO 30% BY VOLUME) AND/OR GYPSUM. COARSE SAND MAY BE USED IF ENOUGH IS ADDED TO BRING THE SAND CONTENT TO MORE THAN 60% OF THE TOTAL MIX. IMPROVE DRAINAGE IN HEAVY SOILS BY PLANTING ON RAISED MOUNDS OR BEDS AND INCLUDING SUBSURFACE DRAINAGE LINES.
- c. MODIFY EXTREMELY SANDY SOILS (MORE THAN 85% SAND) BY ADDING ORGANIC MATTER AND/OR DRY, SHREDDED CLAY LOAM UP TO 30% OF THE TOTAL MIX.

TOWN OF NEWBURGH APPROVAL BOX **TOWN PROJECT # 2022-29** 

# **MEADOW SEED NOTES**



### 5. THERE MUST BE CONTINUOUS SOIL MOISTURE FOR 4-6 WEEKS TO ALLOW PROPER 6. NO DRILL SEEDING IS TO TAKE PLACE UNDER EXISTING TREES TO REMAIN.

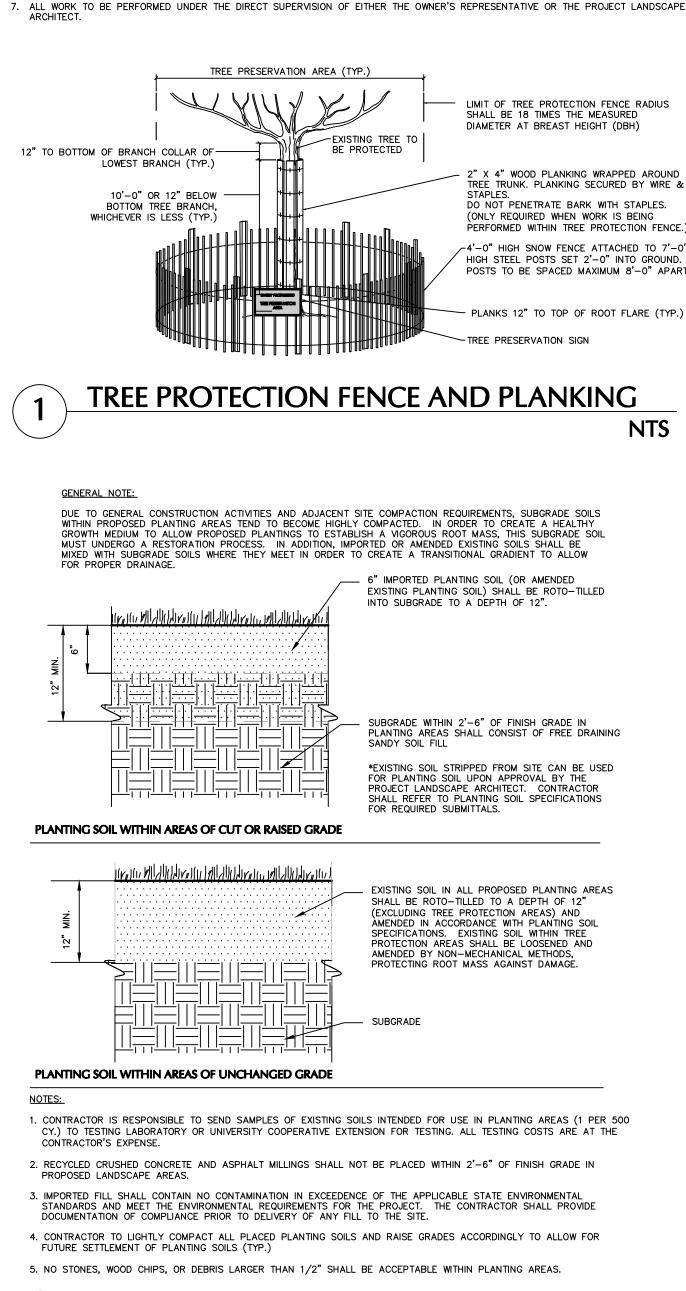
- WEED CONTROL / MAINTENANCE DURING THE ESTABLISHMENT YEAR, CONTRACTOR SHALL MOW SEEDING IF WEED HEIGHT EXCEEDS MEADOW MIX HEIGHT. MOW AT A HEIGHT OF 8"-10". DO NOT MOW CLOSE, AS SOME OF THE MEADOW MIX MAY BE DAMAGED. AFTER THE FIRST GROWING SEASON, AND IF MEADOW MIX IS WELL ESTABLISHED, THE MEADOW MIX SHALL BE MOWED ONLY ONCE ANNUALLY. ANNUAL MAINTENANCE MOWING SHALL BE DONE IN LATE WINTER DURING THE MONTH OF MARCH.
- MOW IN DETENTION BASIN AND WETLAND TRANSITION AREAS DURING DRIER SITE CONDITIONS WHEN SOIL DISTURBANCE WILL NOT OCCUR. MAINTENANCE FOR DETENTION BASIN AND WETLAND TRANSITION AREAS SHALL OCCUR DURING LATE SUMMER (JULY 15 - AUGUST 15) WHEN THE WATER TABLE IS USUALLY AT ITS LOWEST POINT OF THE YEAR. DO NOT MON IN DETENTION BASIN, WETLAND OR WETLAND TRANSITION AREAS AFTER ESTABLISHMENT OF MEADOW MIX.

# LANDSCAPE MAINTENANCE NOTES

- MAINTENANCE OPERATIONS BEFORE APPROVAL: A. PLANT CARE SHALL BEGIN IMMEDIATELY AFTER EACH PLANT IS SATISFACTORILY INSTALLED AND SHALL CONTINUE THROUGHOUT THE LIFE OF THE CONTRACT UNTIL FINAL ACCEPTANCE OF THE PROJECT.
- B. CARE SHALL INCLUDE, BUT NOT BE LIMITED TO, REPLACING MULCH THAT HAS BEEN DISPLACED BY EROSION OR OTHER MEANS, REPAIRING AND RESHAPING WATER RINGS OR SAUCERS, MAINTAINING STAKES AND GUYS AS ORIGINALLY INSTALLED, WATERING WHEN NEEDED OR DIRECTED, AND PERFORMING ANY OTHER WORK REQUIRED TO KEEP THE PLANTS IN A HEALTHY CONDITION.
- C. CONTRACTOR SHALL REMOVE AND REPLACE ALL DEAD, DEFECTIVE AND/OR REJECTED PLANTS AS REQUIRED BEFORE FINAL ACCEPTANCE. MAINTENANCE DURING CONSTRUCTION:
- A. MAINTENANCE SHALL BEGIN IMMEDIATELY AFTER PLANTING. PLANTS SHALL BE WATERED, MULCHED, WEEDED, PRUNED, SPRAYED, FERTILIZED, CULTIVATED, AND OTHERWISE MAINTAINED AND PROTECTED UNTIL PROVISIONAL ACCEPTANCE. SETTLED PLANTS SHALL BE RESET TO PROPER GRADE AND POSITION, PLANTING SAUCER RESTORED AND DEAD MATERIAL REMOVED. STAKES AND WIRES SHALL BE TIGHTENED AND REPAIRED. EFECTIVE WORK SHALL BE CORRECTED AS SOON AS POSSIBLE AFTER IT BECOMES APPARENT AND WEATHER AND SEASON PERMIT.
- B. IF A SUBSTANTIAL NUMBER OF PLANTS ARE SICKLY OR DEAD AT THE TIME OF INSPECTION, ACCEPTANCE SHALL NOT BE GRANTED AND THE CONTRACTOR'S RESPONSIBILITY FOR MAINTENANCE OF ALL PLANTS SHALL BE EXTENDED FROM THE TIME REPLACEMENTS ARE MADE OR EXISTING PLANTS ARE DEEMED ACCEPTABLE BY THE LANDSCAPE ARCHITECT.
- C. ALL REPLACEMENTS SHALL BE PLANTS OF THE SAME KIND AND SIZE SPECIFIED ON THE PLANT LIST OR THAT WHICH WAS TO REMAIN OR BE RELOCATED. THEY SHALL BE FURNISHED AND PLANTED AS SPECIFIED. THE COST SHALL BE BORNE BY THE CONTRACTOR. REPLACEMENTS RESULTING FROM REMOVAL, LOSS, OR DAMAGE DUE TO OCCUPANCY OF THE PROJECT IN ANY PART, VANDALISM, PHYSICAL DAMAGE BY ANIMALS, ., AND LOSSES DUE TO CURTAILMENT OF WATER BY LOCAL AUTHORITIES SHALL BE APPROVED AND PAID FOR BY THE OWNER.
- D. PLANTS SHALL BE GUARANTEED FOR A PERIOD OF TWO YEARS AFTER INSPECTION AND PROVISIONAL ACCEPTANCE. E. AT THE END OF THE ESTABLISHMENT PERIOD, INSPECTION SHALL BE MADE AGAIN. ANY PLANT REQUIRED UNDER THIS CONTRACT THAT IS DEAD OR UNSATISFACTORY TO TH LANDSCAPE ARCHITECT OR OWNER SHALL BE REMOVED FROM THE SITE AND REPLACED DURING THE NORMAL PLANTING SEASON.
- LAWN MAINTENANCE A. BEGIN MAINTENANCE IMMEDIATELY AFTER EACH PORTION OF LAWN IS PLANTED AND CONTINUE FOR 8 WEEKS AFTER ALL LAWN PLANTING IS COMPLETED.
- B. WATER TO KEEP SURFACE SOIL MOIST, REPAIR WASHED OUT AREAS BY FILLING WITH TOPSOIL, LIMING, FERTILIZING AND RE-SEEDING; MOW TO 2 1/2 - 3 INCHES AFTER GRASS REACHES 3 1/2 INCHES IN HEIGHT. AND MOW FREQUENTLY ENOUGH TO KEEP GRASS FROM EXCEEDING 3 1/2 INCHES. WEED BY LOCAL SPOT APPLICATION OF SELECTIVE HERBICIDE ONLY AFTER GRASS IS WELL-ESTABLISHED.

# **TREE PROTECTION NOTES:**

- ALL EXISTING TREES WITHIN THE LIMITS OF TREE PROTECTION FENCING. SHALL BE PROTECTED THOUGHOUT THE DURATION OF WORK. TRE PROTECTION FENCING SHALL BE INSTALLED AT THE DRIP-LINE OF THE PROTECTED TREE UNLESS CONDITIONS WARRANT THE FENCE TO BE LOCATED WITHIN THE LIMIT OF BRANCHING. THE PROJECT LANDSCAPE ARCHITECT TO APPROVE THE LOCATION OF ALL FENCING PRIOR TO
- EXCAVATION. 2. TREE PROTECTION PLANKING SHALL BE INSTALLED AROUND ALL EXISTING TREES AS NOTED ON THIS DRAWING. REFER TO DETAIL ON THIS
- 3. TREE PROTECTION FENCING SHALL BE MAINTAINED TO PROTECT TREES AT ALL TIMES. ANY DAMAGED FENCING SHALL BE IMMEDIATELY REPLACED WHEN DAMAGED.
- 4. IF TREE PROTECTION FENCING NEEDS TO BE MOVED OR BREACHED DUE TO TEMPORARY CONSTRUCTION ACTIVITY WITHIN THE TREE PROTECTION ZONE, THE FENCING WILL BE RESET TO ITS ORIGINAL LOCATION IMMEDIATELY AFTER CONSTRUCTION WITHIN THE TREE PROTECTION ZONE IS COMPLETE
- 5. DEMOLITION WORK ADJACENT TO PROTECTED TREES SHALL BE PERFORMED BY NON-MECHANICAL METHODS. CONTRACTOR TO PROTECT ROOT MASS AGAINST DAMAGE DURING EXCAVATION. ANY TREE ROOTS THAT ARE DISTURBED, BROKEN, OR CUT SHALL BE PRUNED BACK WITH CLEAN SHARP TOOLS.
- 6. ALL EXPOSED TREE ROOTS SHALL BE THOROUGHLY IRRIGATED ON A DAILY BASIS AS DIRECTED BY THE PROJECT LANDSCAPE ARCHITECT.



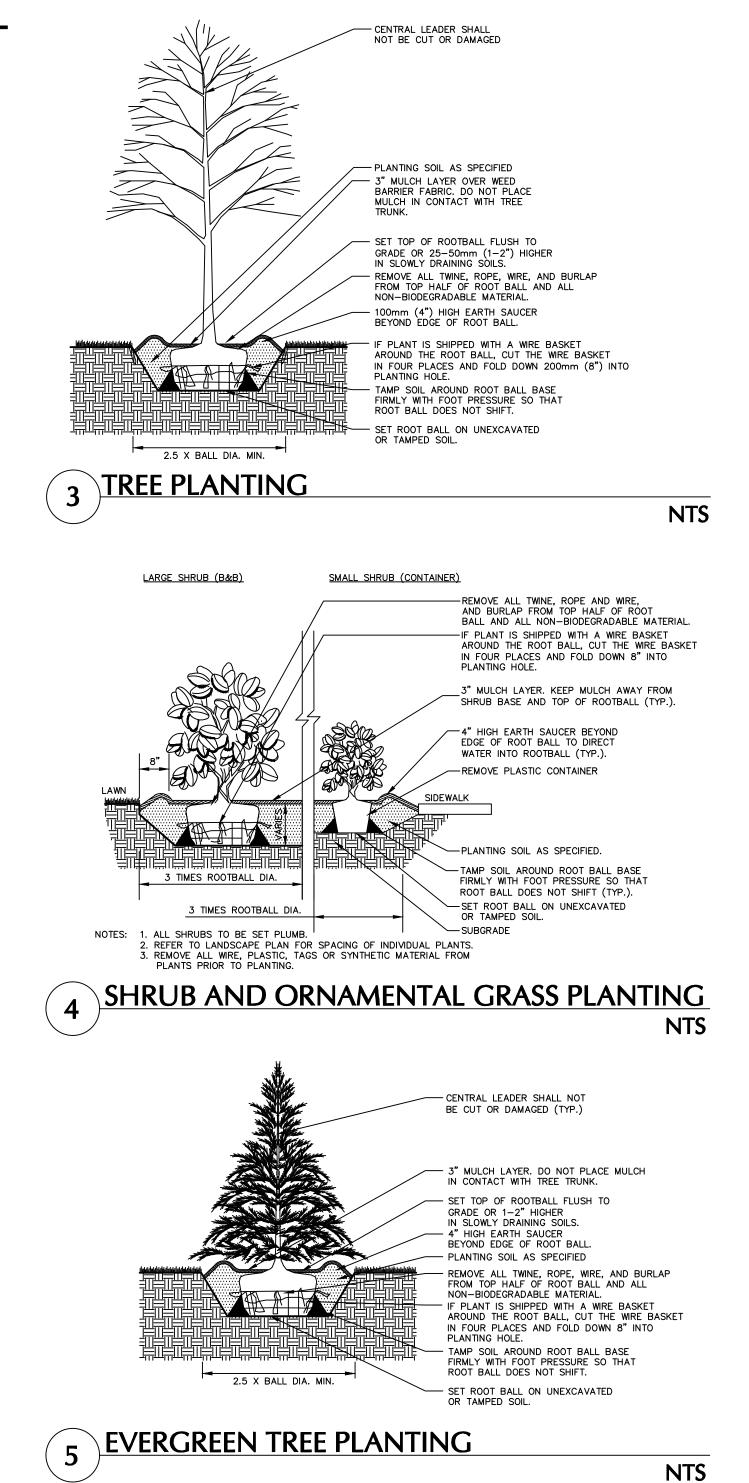
# PLANTING SC

Date	Descriptio
	Revisions

REE TRUNK. PLANKING SECURED BY WIRE & -4'-0" HIGH SNOW FENCE ATTACHED TO 7'-0" POSTS TO BE SPACED MAXIMUM 8'-0" APART.

NTS

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LANGAN MATRIX I-84 **DISTRIBUTION CENTER** 

SECTION No. 86, BLOCK No. 1, LOT No. 97 SECTION No. 89, BLOCK No. 1, LOT No. 66 and 69.11 TOWN OF NEWBURGH NEW YORK )rawing Title PLANTING NOTES

& DETAILS

**ORANGE COUNTY** 

07/07/2023

NY REGISTERED LANDSCAPE ARCHITEC

Lic. No. 2926

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STATISTICS						
DESCRIPTION	AVG.	MAX.	MIN.	MAX./MIN.	AVG./MIN.	
CAR PARKING NORTH	1.77 fc	3.5 fc	0.5 fc	7.00:1	3.54:1	
CAR PARKING SOUTH	2.55 fc	4.7 fc	0.9 fc	5.22:1	2.83:1	
DRIVEWAY	1.37 fc	5.2 fc	0.5 fc	10.40:1	2.74:1	
SIDEWALK	2.52 fc	4.6 fc	1.0 fc	4.60:1	2.52:1	
TRUCK LOADING EAST	1.86 fc	4.2 fc	0.5 fc	8.40:1	3.72:1	
TRUCK LOADING WEST	1.85 fc	4.1 fc	0.5 fc	8.20:1	3.70:1	
TRUCK STORAGE EAST	1.73 fc	3.8 fc	0.5 fc	7.60:1	3.46:1	
TRUCK STORAGE WEST	0.95 fc	1.5 fc	0.6 fc	2.50:1	1.58:1	

SITE LIGHTING SCHEDULE							
SYMBOL	KEY	QTY.	FIXTURE MANUFACTURER	FIXTURE MODEL	FIXTURE DESCI		

		I-84
STATISTICS <u>             AF PARKING NORTH                1.77 fc             3.5 fc             0.5 fc                1.77 fc             0.5 fc                1.77 fc             0.5 fc                1.77 fc             0.5 fc                1.77 fc             0.5 fc                1.85 fc             4.1 fc             0.5 fc                1.85 fc             4.1 fc             0.5 fc             0.25 lc             1.3 fc                1.73 fc             3.8 fc             0.5 fc             2.50:1             3.46:1             3.70:1             1.73 fc             3.8 fc             0.5 fc             2.50:1             3.6:1             3.70:1             3.8 fc             0.5 fc             2.50:1             3.6:1             3.70:1             3.8 fc             0.5 fc             2.50:1             3.6:1             3.70:1             3.8 fc             0.5 fc             2.50:1             3.6:1             3.6:1             3.70:1             3.8 fc             0.5 fc             2.50:1             3.6:1             3.6:1             3.70:1 </u>	PHOTOMETRIC LIGHTING TEMPLATE:         OUTO FOOTCANDLES         FILTURE OFTIC TEMPLATE REPRESENTS LIGHT THROW FOR EACH INDIVIDUAL FILTURE AND DOES NOT REPRESENT LIGHT COMING FOR MOTHER SOURCES.         LUMP         COLOR         OTTCS         MANUACTURER         OTTCS         MANUACTURER         OTTCS         MANUACTURER         OTTCS         MANUACTURER         OTTCS         MANUACTURER         OTTCS       LUMENS       LIMENS       DECENTION	CTH CALLOCUERD. REMAINS
JINDOL       KLI       QTM       MANUFACTURER       TATORE MODIL       TATORE DECOMPTOR       HEGHT         Image: A strain of the strain of th	DistTEMPERATURECHICSCHICSCHICSCHICSCHICSMANUFACTURERDESCRIPTIONTOCLER213W LED3000KSPILL CONTROL AND HOUSE SIDE SHIELD20,8350.90GALN-SA4C-730-U-SL4- HSS-BKHAPCOROUND TAPERED STEEL POLE; COLOR: BLACK27' (MOUNTED HEIGHT E213W LED3000KTYPE 2 WTH SPILL CONTROL AND HOUSE SIDE SHIELD20,7300.90GALN-SA4C-730-U-SL2 -HSS-BKHAPCOROUND TAPERED STEEL POLE; COLOR: BLACK27' (MOUNTED HEIGHT E213W LED3000KTYPE 4 FORWARD THROW WTH HOUSE SIDE SHIELD20,7300.90GALN-SA4C-730-U-T4FT -HSS-BKHAPCOROUND TAPERED STEEL POLE; COLOR: BLACK27' (MOUNTED HEIGHT E213W LED3000KTYPE 4 FORWARD THROW WTH HOUSE SIDE SHIELD18,2390.90GALN-SA4C-730-U-T4FT -HSS-BKHAPCOROUND TAPERED STEEL POLE; COLOR: BLACK27' (MOUNTED HEIGHT E269W LED3000KTYPE 4 FORWARD THROW31,9930.90GALN-SA4C-730-U-T4FT -HSS-BKN/AN/AN/A	ON 3' (ASE)     POLE TO BE FACTORY CUT TO LENGTH OF 27'; MOUNTED ON 3' HEIGHT EXPOSED CONCRETE BASE       ON 3' (ASE)     RTS30B90-4 -D190-BA       ON 3' (ASE)     RTS30B90-4 -D190-BA
OWN OF NEWBURGH APPROVAL BOX TOWN PROJECT # 2022-29		100 0 50 100

Date

Description

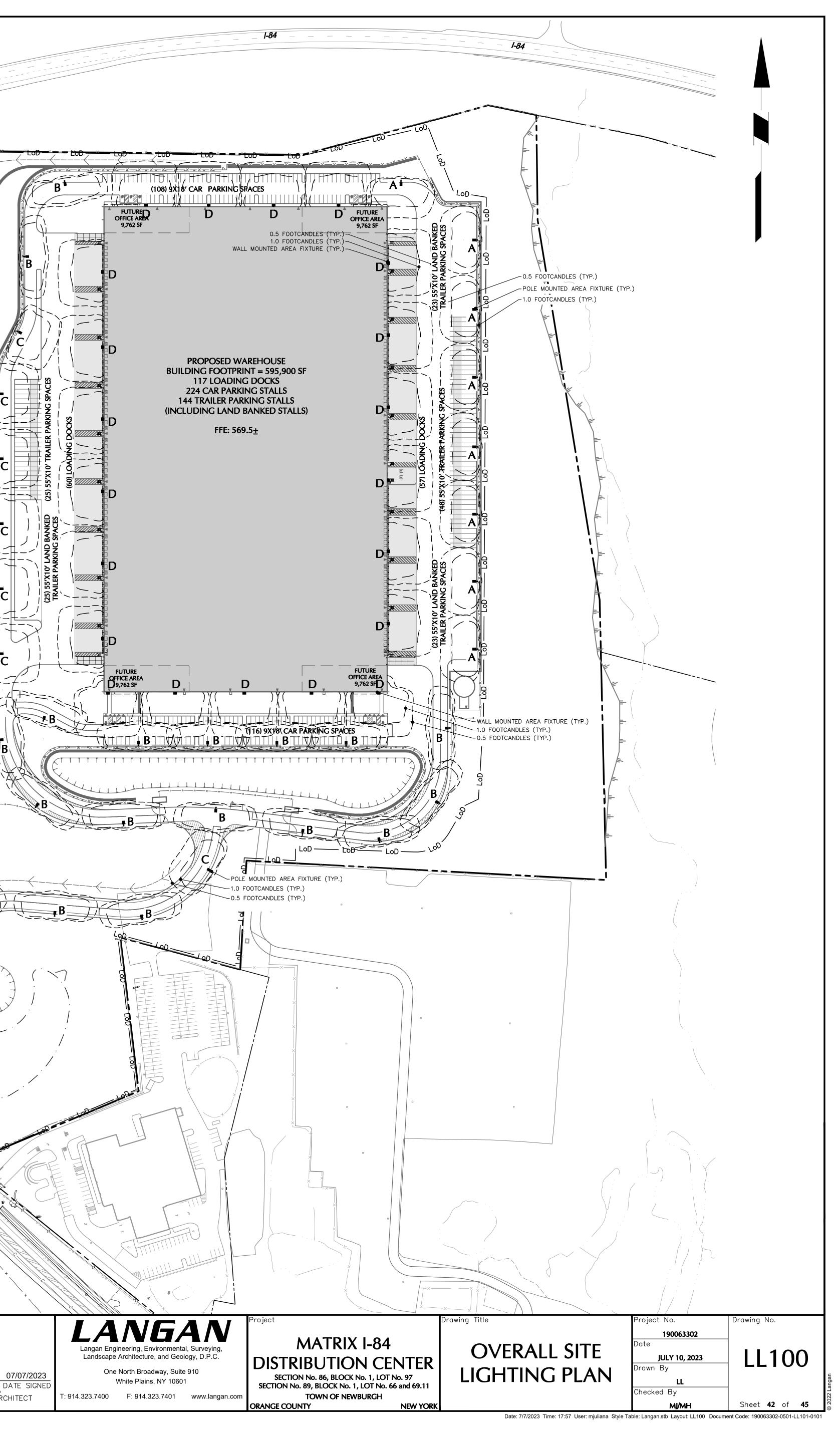
Revisions

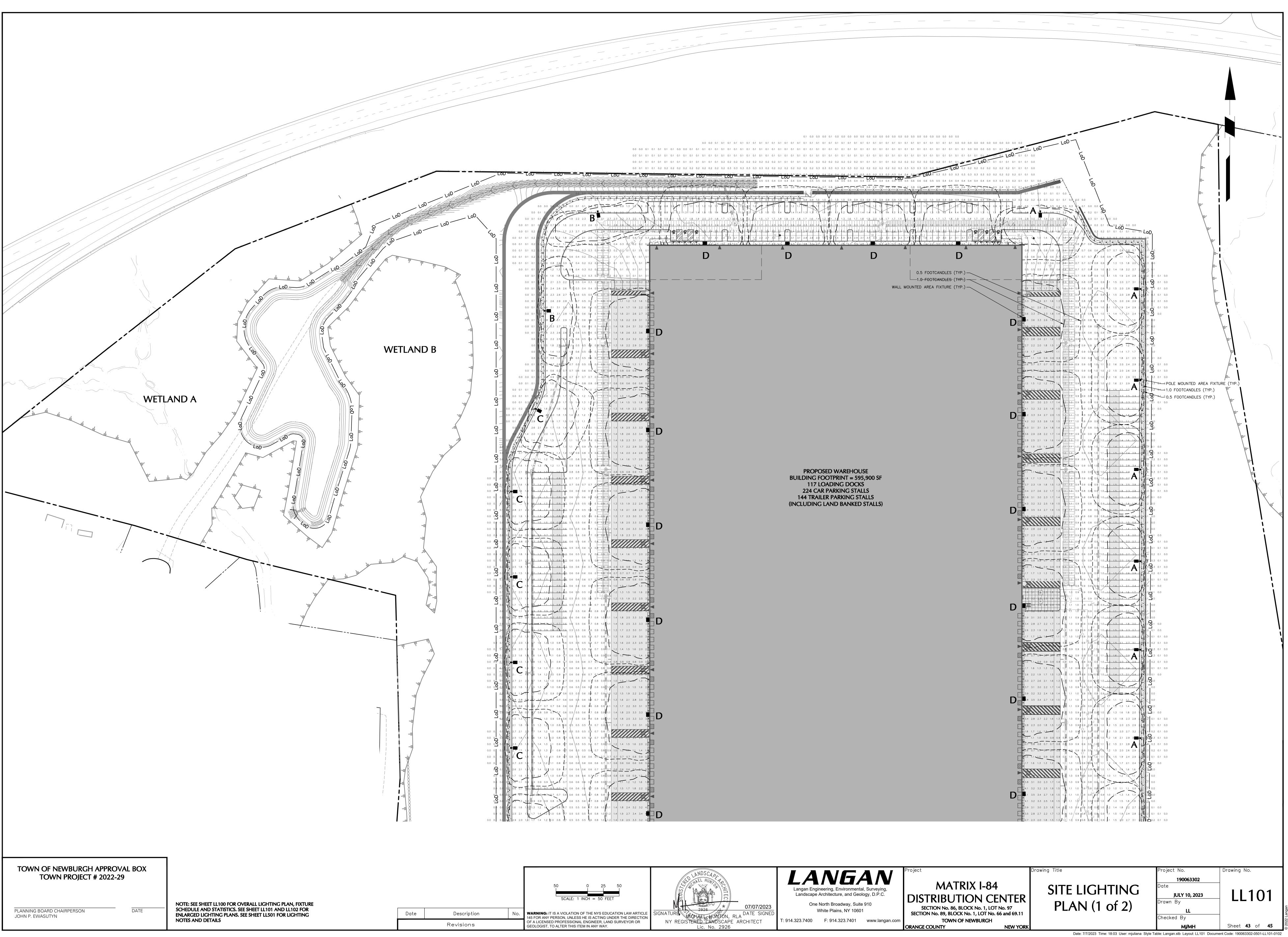
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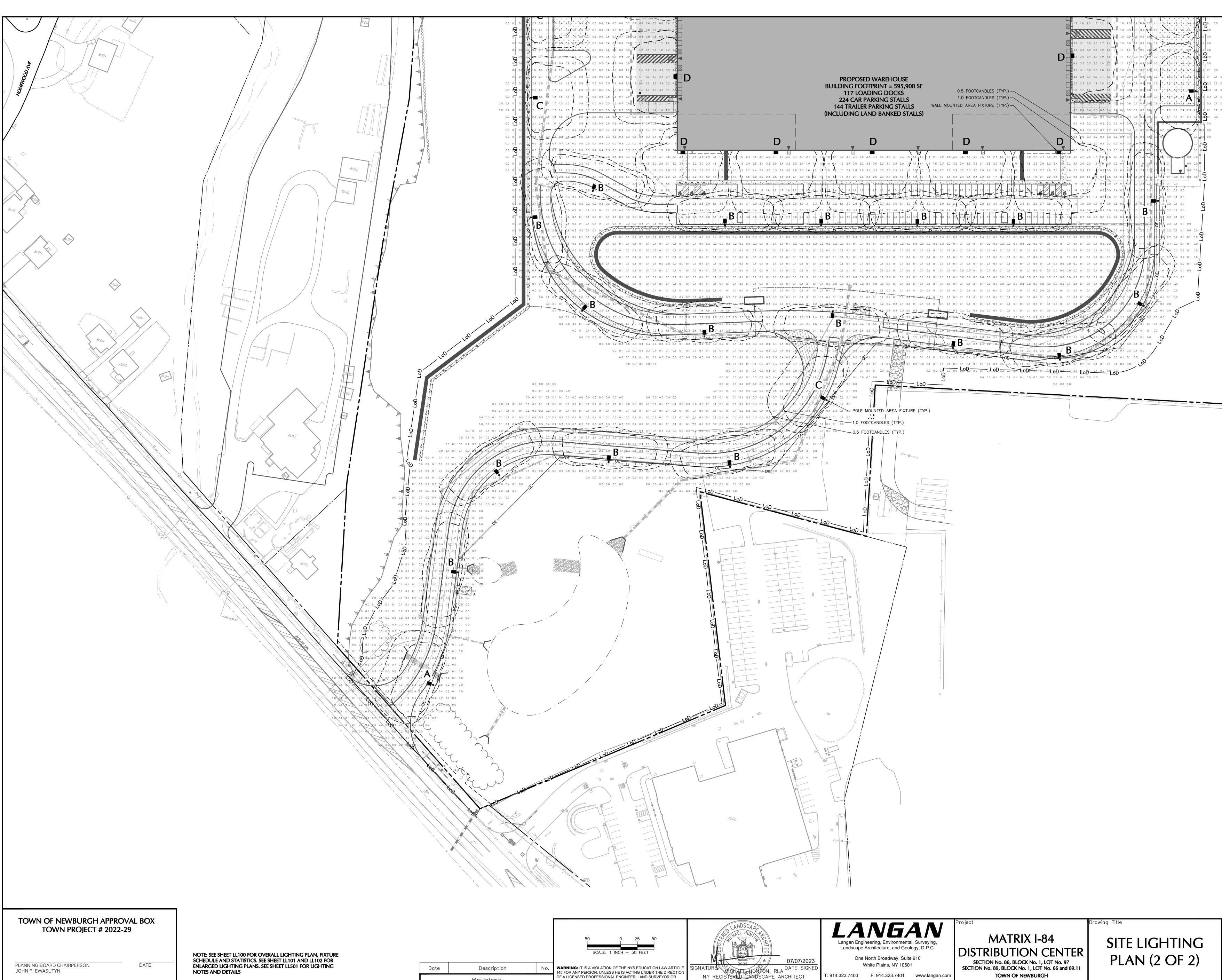
2926 SIGNATU NY REGISTERED LANDSCAPE ARCHITECT Lic. No. 2926

WARNING: IT IS A VIOLATION OF THE NYS EDUCATION LAW ARTICLE 145 FOR ANY PERSON, UNLESS HE IS ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, LAND SURVEYOR OR GEOLOGIST, TO ALTER THIS ITEM IN ANY WAY.

No







OF A LICENSED PROFESSIONAL ENGINEER, LAND SURVEYOR OR

Lic. No. 2926

GEOLOGIST, TO ALTER THIS ITEM IN ANY WAY.

Revisions

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NEW YORK

$ \begin{array}{c} 9 & 0.9 & 1.0 & 1.1 & 1.2 & 1.4 & 9.7 & 2.8 & 2.4 & 1.4 & 1.0 & 0.1 \\ 9 & 0.9 & 0.8 & 0.8 & 0.9 & 1.0 & 1.4 & 1.2 & 1.2 & 1.1 & 0.0 \\ 9 & 0.8 & 0.8 & 0.9 & 1.0 & 1.4 & 1.2 & 1.2 & 1.1 & 0.0 \\ 9 & 0.9 & 0.9 & 0.0 & 1.0 & 1.4 & 1.2 & 1.4 & 1.7 & 1.2 & 1.4 & 1.0 & 0.0 \\ 9 & 0.9 & 0.9 & 0.0 & 1.0 & 1.4 & 1.2 & 1.4 & 1.7 & 1.2 & 1.4 & 1.2 & 0.0 \\ 9 & 0.9 & 0.9 & 0.0 & 1.0 & 1.4 & 1.3 & 1.4 & 1.7 & 1.2 & 1.4 & 1.2 & 0.0 \\ 9 & 0.9 & 0.9 & 0.0 & 1.0 & 1.4 & 1.3 & 1.4 & 1.7 & 1.2 & 1.4 & 1.2 & 0.0 \\ 9 & 0.9 & 0.9 & 0.9 & 1.0 & 1.4 & 1.3 & 1.4 & 1.7 & 2.4 & 1.4 & 0.0 \\ 0 & 0.8 & 0.8 & 0.9 & 1.4 & 1.5 & 1.9 & 2.4 & 2.7 & 2.4 & 1.4 & 0.0 \\ 0 & 0.8 & 0.8 & 0.9 & 1.4 & 1.5 & 1.9 & 2.4 & 2.7 & 2.4 & 1.4 & 0.0 \\ 0 & 0.8 & 0.8 & 0.9 & 1.4 & 1.5 & 1.9 & 2.4 & 2.9 & 2.4 & 0.0 \\ 0 & 0.8 & 0.8 & 0.9 & 1.4 & 1.5 & 1.9 & 2.4 & 2.9 & 2.4 & 0.0 \\ 0 & 0.8 & 0.8 & 0.9 & 1.4 & 1.7 & 2.4 & 1.9 & 0.0 \\ 0 & 0.8 & 0.8 & 0.9 & 1.4 & 1.7 & 2.4 & 1.9 & 0.0 \\ 0 & 0.8 & 0.8 & 0.9 & 1.4 & 1.7 & 2.4 & 1.9 & 0.0 \\ 0 & 0.8 & 0.8 & 0.9 & 1.4 & 1.7 & 2.4 & 1.9 & 0.0 \\ 0 & 0.8 & 0.8 & 0.9 & 1.4 & 1.7 & 2.4 & 1.9 & 0.0 \\ 0 & 0.8 & 0.8 & 0.9 & 1.4 & 1.7 & 2.4 & 1.9 & 0.0 \\ 0 & 0.8 & 0.8 & 0.9 & 1.4 & 1.7 & 2.4 & 1.9 & 0.0 \\ 0 & 0.8 & 0.8 & 0.9 & 1.4 & 1.7 & 2.4 & 1.9 & 0.0 \\ 0 & 0 & 0 & 0.8 & 0.9 & 0.1 & 0.0 & 0.0 \\ 0 & 0 & 0 & 0.8 & 0.9 & 0.1 & 0.0 \\ 0 & 0 & 0 & 0.8 & 0.9 & 0.1 & 0.0 \\ 0 & 0 & 0 & 0 & 0.8 & 0.9 & 0.0 & 0.0 \\ 0 & 0 & 0 & 0 & 0.8 & 0.0 & 0.0 \\ 0 & 0 & 0 & 0 & 0 & 0 & 0.0 \\ 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 \\ 0 & 0 &$	0.0 0.0 0.0 0.0	
XXX	XXX	xx
E LIGHTING N (2 OF 2) Date: 7/7/2023 Time: 18:08 User: mjuliana Style Ta	Project No. <b>190063302</b> Date <b>JULY 10, 2023</b> Drawn By <b>LL</b> Checked By <b>MJ/MH</b> ble: Langan.stb. Layout: LL102_Docume	Drawing No. <b>LL102</b> Sheet <b>44</b> of <b>45</b>

# SITE LIGHTING NOTES:

### GENERAL

- 1. POINT-BY-POINT CALCULATIONS PROVIDED WITHIN HAVE BEEN PREPARED IN ACCORDANCE TO IESNA STANDARDS AND IN CONSIDERATION OF THE VARIABLES WITHIN THESE NOTES AND SITE LIGHTING SCHEDULE. THE VALUES SHOWN ON THE PLANS ARE NOT AN INDICATION OF THE INITIAL LIGHT INTENSITIES OF THE LAMPS. THESE VALUES ARE AN APPROXIMATION OF THE MAINTAINED INTENSITIES DELIVERED TO THE GROUND PLANE USING INDUSTRY STANDARD LIGHT LOSS FACTORS (LLF) WHICH COVER LAMP DEGRADATION AND NATURAL BUILDUP/ DIRT DEGRADATION ON THE FIXTURE LENS. THE LIGHTING PLAN IS DESIGNED WITH AN INDUSTRY STANDARD LLF IN ACCORDANCE WITH GUIDANCE AS PROVIDED BY IESNA. MINOR VARIATIONS IN TOPOGRAPHY, PHYSICAL OBSTRUCTIONS, AMBIENT OR ADJACENT LIGHT SOURCES AND/OR OTHER POTENTIAL IMPACTS HAVE NOT BEEN INCLUDED IN THESE CALCULATIONS. THEREFORE, AS-BUILT LIGHT INTENSITIES MAY VARY. IN EITHER DIRECTION, FROM WHAT IS EXPLICITLY PORTRAYED WITHIN THESE DRAWINGS.NO GUARANTEE OF LIGHT LEVELS IS EXPRESSED OR IMPLIED BY THE POINT BY POINT CALCULATIONS SHOWN ON THESE PLANS
- 2. LIGHT LEVEL POINT SPACING IS 10 FT. LEFT TO RIGHT AND 10 FT. TOP TO BOTTOM. POINT BY POINT CALCULATIONS ARE BASED ON THE LIGHT LOSS FACTOR AS STATED IN THE LIGHTING SCHEDULE.

### COMPLIANCE

3. ALL SITE LIGHTING RELATED WORK AND MATERIALS SHALL COMPLY WITH CITY, COUNTY, AND OTHER APPLICABLE GOVERNING AUTHORITY REQUIREMENTS. 4. LIGHTING LAYOUT COMPLIES WITH THE ILLUMINATING ENGINEERING SOCIETY OF NORTH AMERICA (IESNA) SAFETY STANDARDS FOR LIGHT LEVELS.

### COORDINATION

- 5. CONTRACTOR TO COORDINATE POWER SOURCE WITH LIGHT FIXTURES TO ENSURE ALL SITE LIGHTING IS OPERATING EFFECTIVELY, EFFICIENTLY AND SAFELY.
- 6. REFER TO ELECTRIFICATION PLAN FOR PROVIDING ADEQUATE POWER FOR SITE LIGHTING.
- 7. CONTRACTOR TO COORDINATE LOCATION OF EASEMENTS, UNDERGROUND UTILITIES AND DRAINAGE BEFORE DRILLING POLE BASES.
- 8. INSTALLATION OF ALL LIGHTING FIXTURES, POLES, FOOTINGS, AND FEEDER CABLE TO BE COORDINATED WITH ALL SITE WORK TRADES TO AVOID CONFLICT WITH FINISHED AND PROPOSED WORK.
- 9. CONTRACTOR TO COORDINATE INSTALLATION OF UNDERGROUND FEEDER CABLE FOR EXTERIOR LIGHTING WITH EXISTING AND PROPOSED UTILITIES, SITE DRAINAGE SYSTEMS, AND PAVING. CONTRACTOR SHALL PROMPTLY NOTIFY THE OWNER'S REPRESENTATIVE SHOULD ANY UTILITIES, NOT SHOWN ON THE PLANS, BE FOUND DURING EXCAVATIONS.

### POLES AND FOOTINGS

- 10. PROVIDE A CONCRETE BASE FOR EACH LIGHT POLE AT THE LOCATIONS INDICATED ON THE CONSTRUCTION DRAWINGS AND/OR IN ACCORDANCE WITH PROJECT PLANS AND SPECIFICATIONS RELATING DIRECTLY TO CAST-IN-PLACE CONCRETE. THE USE OF ALTERNATE LIGHTING FOUNDATIONS, SUCH AS PRECAST, MAY CHANGE THE SIZING AND REINFORCEMENT REQUIREMENTS FROM THOSE SHOWN ON THESE PLANS. CONTRACTOR TO SUBMIT SHOP DRAWINGS FOR REVIEW PRIOR TO ORDERING ANY SUBSTITUTED PRODUCTS. 11. CONTRACTOR SHALL EXAMINE AND VERIFY THAT SOIL CONDITIONS ARE SUITABLE TO SUPPORT LOADS
- EXERTED UPON THE FOUNDATIONS DURING EXCAVATION. CONTRACTOR SHALL NOTIFY ENGINEER OF ANY UNSATISFACTORY CONDITIONS.
- 12. POLE FOUNDATIONS SHALL NOT BE POURED IF FREE STANDING WATER IS PRESENT IN EXCAVATED AREA. 13. ALL POLES HIGHER THAN 25 FT. SHALL BE EQUIPPED WITH FACTORY INSTALLED VIBRATION DAMPENERS.

### WALL MOUNTED FIXTURES

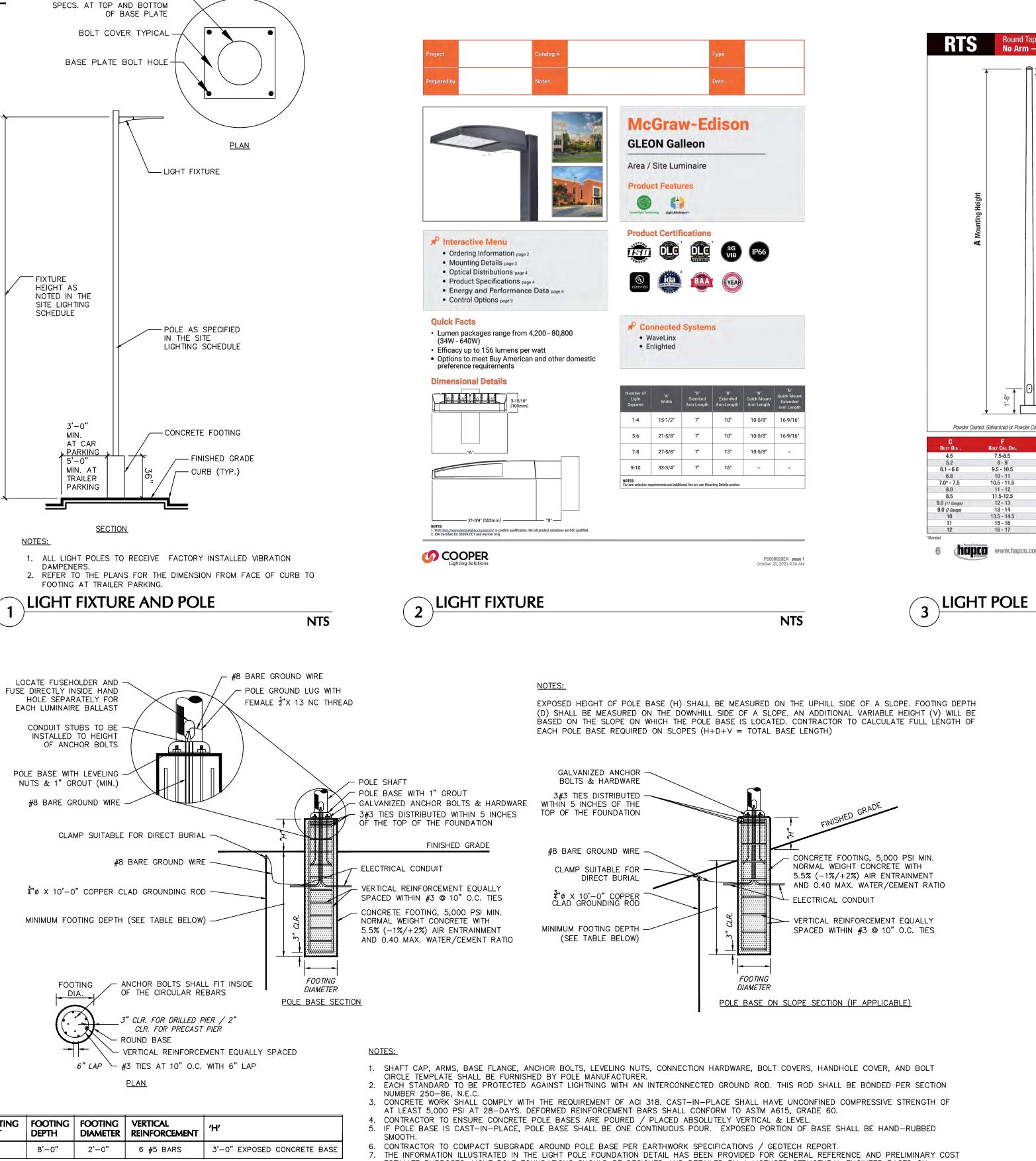
- 14. CONTRACTOR TO COORDINATE INSTALLATION OF ALL THE WALL MOUNTED FIXTURES AND ELECTRICAL CONNECTIONS TO SITE STRUCTURE(S) WITH BUILDING MEP, ARCHITECT, AND/OR OWNER.
- 15. INSTALLATION AND ELECTRICAL CONNECTIONS FOR WALL MOUNTED FIXTURES TO BE COORDINATED WITH ARCHITECTURAL, STRUCTURAL, UTILITY AND SITE PLANS AND TO BE IN ACCORDANCE WITH ALL APPLICABLE CODES.

### ADJUSTMENT AND INSPECTION

- 16. CONTRACTOR TO OPERATE EACH LUMINAIRE AFTER INSTALLATION AND CONNECTION. INSPECT FOR IMPROPER CONNECTIONS AND OPERATION.
- 17. CONTRACTOR TO AIM AND ADJUST ALL LUMINAIRES TO PROVIDE ILLUMINATION LEVELS AND DISTRIBUTION AS INDICATED ON THE CONSTRUCTION DRAWINGS OR AS DIRECTED BY THE LANDSCAPE ARCHITECT AND/OR
- OWNER. 18. CONTRACTOR TO CONFIRM THAT LIGHT FIXTURES, TILT ANGLE AND AIMING MATCH SPECIFICATIONS ON THE PI ANS

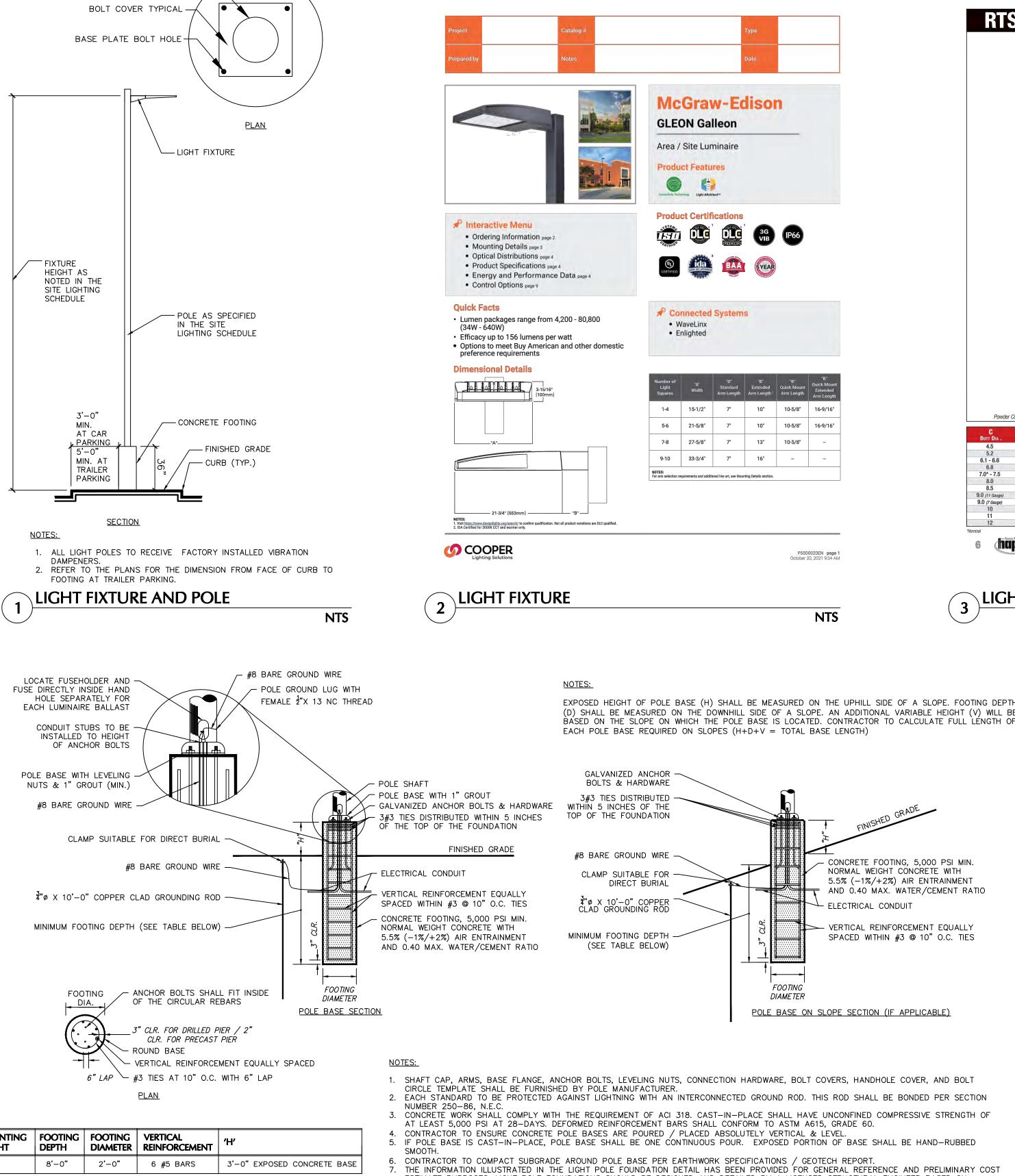
### **REQUIREMENTS FOR ALTERNATES**

- 19. ALL LIGHTING SUBSTITUTIONS MUST BE MADE WITHIN 14 DAYS PRIOR TO THE BID DATE TO PROVIDE AMPLE TIME FOR REVIEW AND TO ISSUE AN ADDENDUM INCORPORATING THE SUBSTITUTION WITH THE FOLLOWING **REQUIREMENTS:** A. ANY SUBSTITUTION TO LIGHTING FIXTURES. POLES. ETC. MUST BE APPROVED BY THE OWNER. ENGINEER AND TENANTS. ANY COST ASSOCIATED WITH REVIEW AND/OR APPROVAL OF THE SUBSTITUTIONS SHALL BE ENTIRELY BORNE BY THE CONTRACTOR B. COMPUTER PREPARED PHOTOMETRIC LAYOUT OF THE PROPOSED LIGHTED AREA WHICH INDICATES, BY
- ISOFOOTCANDLE, THE SYSTEM'S PERFORMANCE. C. A PHOTOMETRIC REPORT FROM A NATIONAL INDEPENDENT TESTING LABORATORY WITH REPORT NUMBER, DATE, FIXTURE CATALOG NUMBER, LUMINAIRE AND LAMP SPECIFICATIONS; IES CALCULATIONS, POINT BY POINT FOOT CANDLE PLAN, STATISTIC ZONES SHOWING AVERAGE, MAXIMUM, MINIMUM AND UNIFORMITY RATIOS, SUMMARY, ISOLUX PLOT, AND CATALOGUE CUTS. CATALOGUE CUTS MUST IDENTIFY OPTICS, LAMP TYPE, DISTRIBUTION TYPE, REFLECTOR, LENS, BALLASTS, WATTAGE, VOLTAGE, FINISH HOUSING
- DESCRIPTION AND ALL OTHER PERTINENT INFORMATION. D. POLE MANUFACTURER AASHTO CALCULATIONS INDICATING THE POLE AND ANCHOR BOLTS BEING SUBMITTED ARE CAPABLE OF SUPPORTING THE POLE AND FIXTURE SYSTEMS BEING UTILIZED IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.
- E. THE UNDERWRITERS LABORATORY LISTING AND FILE NUMBER FOR THE SPECIFIC FIXTURE(S) TO BE F. A COLOR PHOTOGRAPH THAT CLEARLY SHOWS THE REPLACEMENT FIXTURE POLE MOUNTED, THE FIXTURE'S COLOR, FINISH, AND PHYSICAL CHARACTERISTICS.





POLE-TO-BASE PLATE WELD -SHALL COMPLY WITH AWS



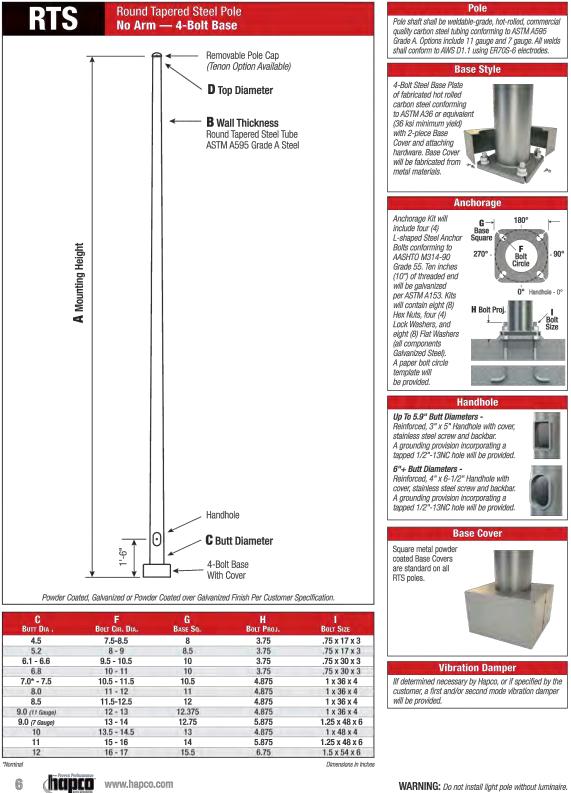
MOUNTING FOOTING FOOTING VERTICAL HEIGHT 30'-0"

LIGHT POLE BASE

TOWN OF NEWBURGH APPROVAL BOX **TOWN PROJECT # 2022-29** 

ESTIMATE PURPOSES. LIGHT POLE FOUNDATIONS SHOULD BE DESIGNED AND DETAILED BY A LICENSED STRUCTURAL ENGINEER BASED ON EXISTING SOIL CONDITIONS, LOCAL DESIGN STANDARDS AND MANUFACTURERS RECOMMENDATIONS. 8. CONTRACTOR TO CONFIRM GROUNDING DESIGN WITH MEP.

07/07/2023 WARNING: IT IS A VIOLATION OF THE NYS EDUCATION LAW ARTICLI DATE SIGNE Date Description MICHAEL HUNTON, RLA 145 FOR ANY PERSON, UNLESS HE IS ACTING UNDER THE DIRECTION NY REGISTERED LANDSCAPE ARCHITECT OF A LICENSED PROFESSIONAL ENGINEER, LAND SURVEYOR OR Revisions GEOLOGIST, TO ALTER THIS ITEM IN ANY WAY. Lic. No. 2926



NTS

G→| <sup>180°</sup> ⊨ -shaped Steel Anchor Square 8 0 0° Handhole - 0° H Bolt Proj. JL Reinforced, 3" x 5" Handhole with cover, tapped 1/2"-13NC hole will be provided. Reinforced, 4" x 6-1/2" Handhole with cover, stainless steel screw and backba tapped 1/2"-13NC hole will be provided. Base Cover Vibration Damper customer, a first and/or second mode vibration damper

NTS



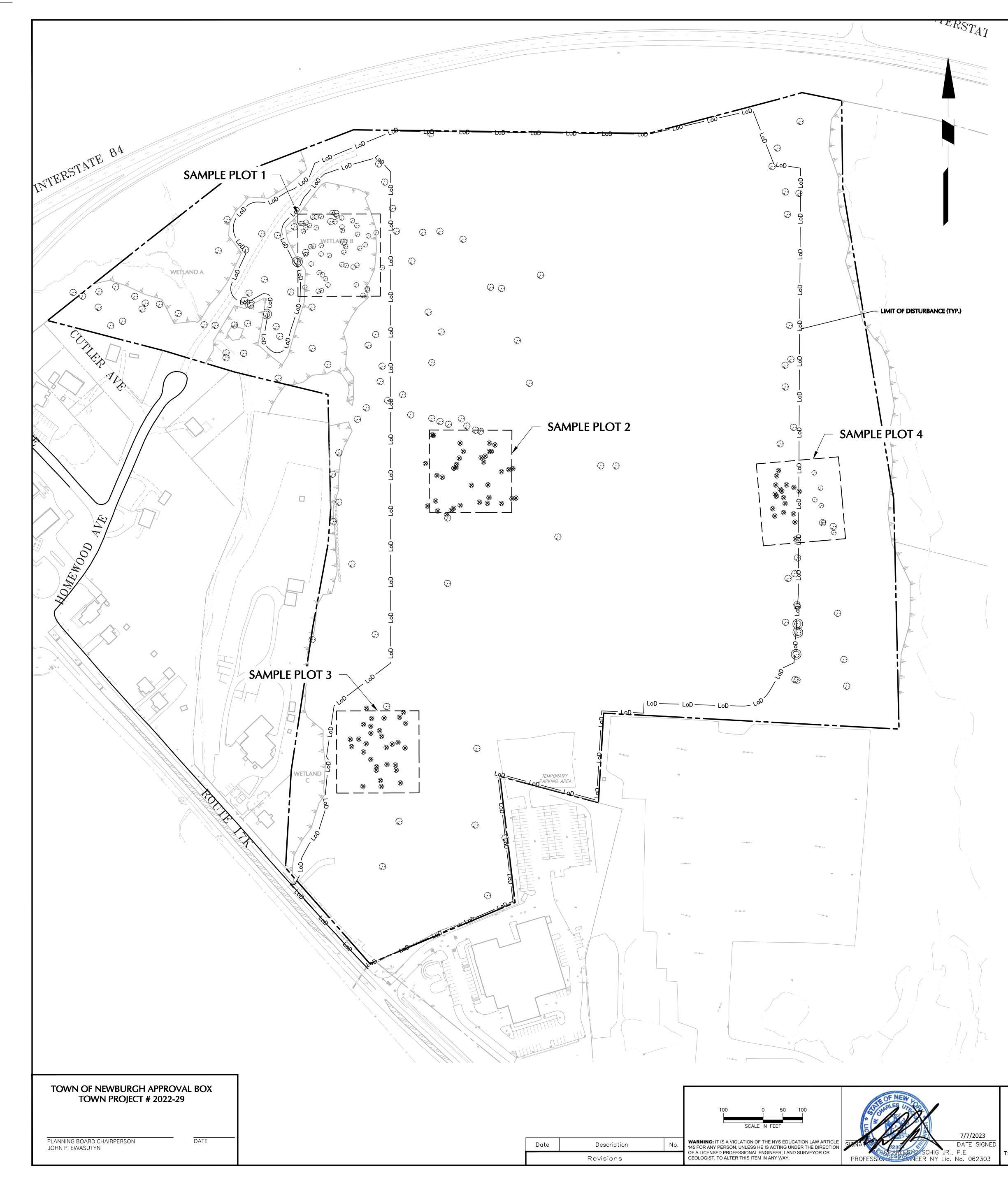
One North Broadway, Suite 910 White Plains, NY 10601 : 914.323.7400 F: 914.323.7401 www.langan.cor

# MATRIX I-84 **DISTRIBUTION CENTER**

SECTION No. 86, BLOCK No. 1, LOT No. 97 SECTION No. 89, BLOCK No. 1, LOT No. 66 and 69.11 TOWN OF NEWBURGH ORANGE COUNTY NEW YORK rawing Title

SITE LIGHTING NOTES & DETAILS

	Project No.	Drawing No.	
ELIGHTING	<b>190063302</b> Date <b>JULY 10, 2023</b>	_	
E LIGHTING ES & DETAILS	<b>190063302</b> Date	Drawing No.	© 2022 Langan



SAMPLE PLO		SAMPLE PLOT 3	
	SIZE (DBH)		SIZE (DBH)
Pin Oak Pin Oak	17	American Elm Norway Maple	<u> </u>
Pin Oak Pin Oak	17	American Elm (Dead)	13
Pin Oak	18	White Oak	16
Pin Oak	24	American Elm	15
Pin Oak	17	Pin Oak	14
Red Maple	<u>18</u> 16	Red Oak Sugar Maple	<u>14</u> 14
Pin Oak Pin Oak	19	White Oak	14
Pin Oak	17	Norway Maple	19
Red Maple	16	White Oak	16
Red Maple	25	Red Oak	20
Red Maple	14	White Oak Red Maple	14
Pin Oak Pin Oak	20	Black Cherry	<u> </u>
Pin Oak	23	Sugar Maple	14
Pin Oak	14	Pin Oak	14
Red Maple	16	Pin Oak	18
Swamp White Oak	21	Black Oak	18
Pin Oak Red Maple	16	Sugar Maple Sugar Maple	16
Red Maple	<u>15</u> 14	Sugar Maple	<u>20</u> 20
Pin Oak	14	White Oak (Dead)	15
Pin Oak	20	Black Oak	16
Swamp White Oak	20	Pin Oak	16
White Oak	23	Black Oak	22
White Oak	21	Sugar Maple	16
Red Maple Red Maple	20	Eastern Red Cedar Shagbark Hickory	<u> </u>
Red Maple	20 15		
Pin Oak	18	SAMPLE PLOT 4	
Red Maple	14		SIZE (DBH)
Sugar Maple	17	White Oak     Pignut Hickory	<u>48</u> 16
Red Maple	19	Tree-of-Heaven	18
Pin Oak Rod Maple	27	– Sweet Birch	18
Red Maple Red Maple	29	White Oak	30
White Oak	<u>14</u> 20	- Sassafras	14
Red Oak	20	– Red Maple	18
Pin Oak	20	Pignut Hickory Pignut Hickory	<u>21</u> 18
White Oak	21	– Red Oak	15
Red Maple	20	Sugar Maple	14
Shagbark Hickory Shagbark Hickory	<u>17</u> 14	Tree-of-Heaven	14
White Oak	35	- Yellow Birch	14
Pin Oak	24	Pignut Hickory Shagbark Hickory	15
Red Maple	20	Sugar Maple	<u> </u>
Pignut Hickory	14	Pignut Hickory	25
SAMPLE PLOT	T 2	Pignut Hickory	16
COMMON NAME	SIZE (DBH)	White Oak	15
White Oak	18	White Oak	15
White Oak	15	White Ash Red Oak	<u>19</u> 19
Red Oak	19	Norway maple	20
Red Oak Sugar Maple	16 17	Norway maple	20
White Oak	17	Total Significant Tree Inches	
Sugar Maple	15	Over 4 Acres	2,472
Sugar Maple	15	(Excluding Dead Trees)	-
Black Oak	18		
Red Oak	16	Existing Wooded Area Onsite (Acres)	39.25
Red Oak	19	-	
White Oak Black Oak	<u>17</u> 19	-	
White Oak	18	Total Significant	
American beech	19	— Tree Inches Over Wooded Area Onsite	24,257
Sugar Maple	14		
White Oak	17	75% of Total Significant	
White Oak	18	Tree Inches	18,192
Shagbark Hickory	18	Over Wooded Area Onsite	10,192
White Oak Pin Oak	19	(Allowable Removal in Inches)	
Pin Oak Pignut Hickory	<u>21</u> 14		
Red Oak	20	Proposed Tree Removal (Acres)	26.1
Red Maple	42		
American Beech	18		
White Oak (Dead)	14	Proposed Significant Tree Removal	16,130
Black Cherry	15	(Inches)	
Black Oak	17	-1	
Red Oak	17	Proposed Significant Tree Removal (%)	66.50%
American Elm Red Maple	18 17		00.30%
Red Maple	17		
American Elm	19	1	
Red Maple	19	1	
Red Maple	20	7	
•			
Sassafras American Elm	15		

## TREE PRESERVATION NOTES

1. THIS APPLICATION SHALL COMPLY WITH THE TOWN OF NEWBURGH CODE CHAPTER 172 ENTITLED "TREE PRESERVATION AND PROTECTION TO THE CODE OF THE TOWN OF NEWBURGH."

2. THE TREE PRESERVATION PLANS HAVE BEEN COMPLETED IN ACCORDANCE WITH THE TOWN OF NEWBURGH CODE SECTION 172-5.

3. ALL SIGNIFICANT TREES HAVE BEEN LOCATED IN ACCORDANCE WITH THE RULES AND REGULATIONS OF CHAPTER 172.

3. ALL SPECIMEN TREES HAVE BEEN TAGGED AND IDENTIFIED IN ACCORDANCE WITH THE RULES AND REGULATIONS OF CHAPTER 172.

4. PER SECTION 175-4-C., DEVELOPMENT ACTIVITES SHALL NOT REMOVE OR DISTURB MORE THAN 75% OF TOTAL INCHES IN DIAMETER OF SIGNIFICANT TREES. PER THE CALCUALTIONS ON THIS SHEET, THIS APPLICATION IS PROPOSING 66.5% REMOVAL OF SIGNIFICANT TREES WHICH IS IN COMPLIANCE WITH THE CODE.



One North Broadway, Suite 910 White Plains, NY 10601 F: 914.323.7400 F: 914.323.7401 www.langan.com

MATRIX I-84 DISTRIBUTION CENTER SECTION No. 86, BLOCK No. 1, LOT No. 97 SECTION No. 89, BLOCK No. 1, LOT No. 66 and 69.11

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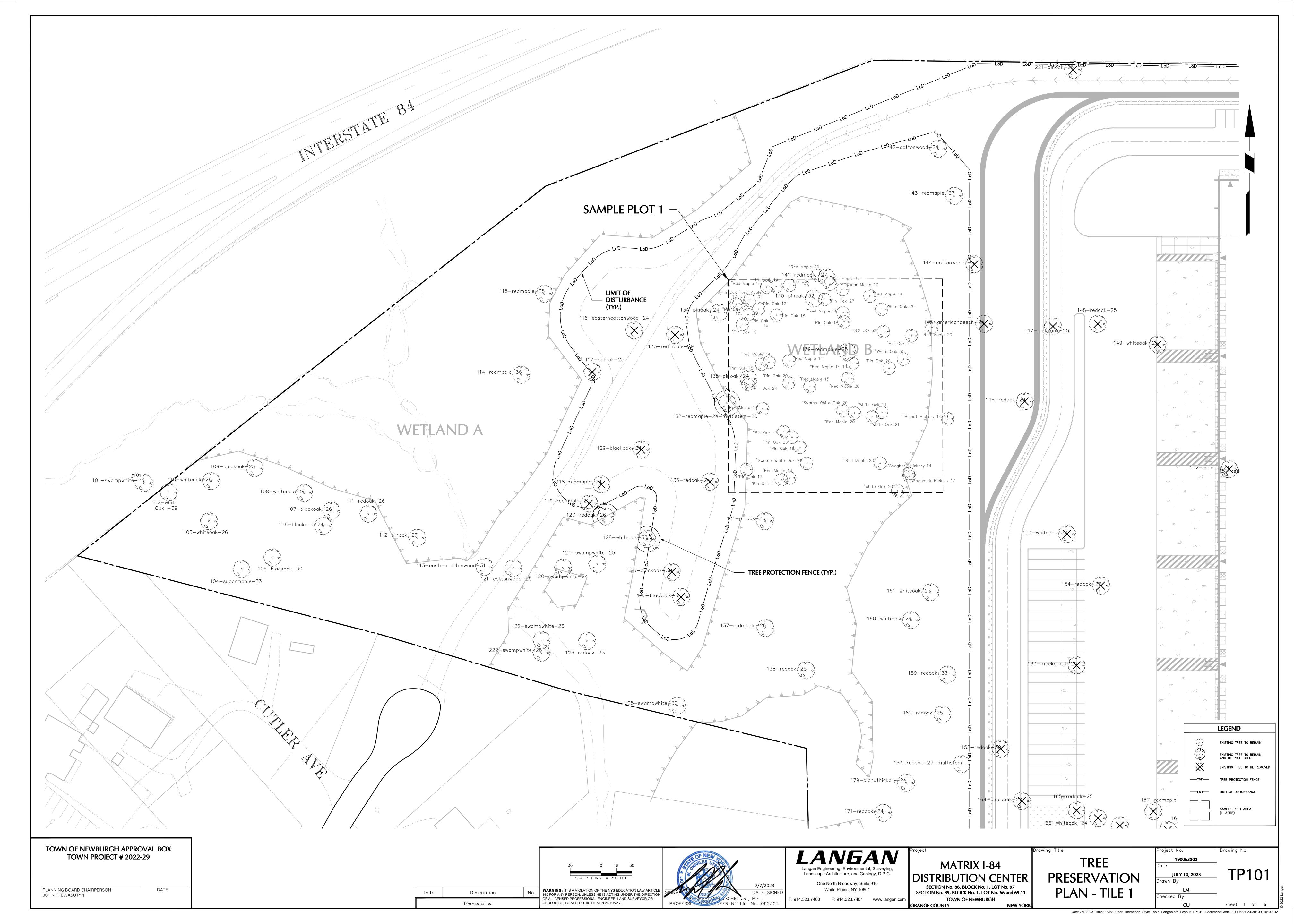
TOWN OF NEWBURGH ORANGE COUNTY NEW YORK

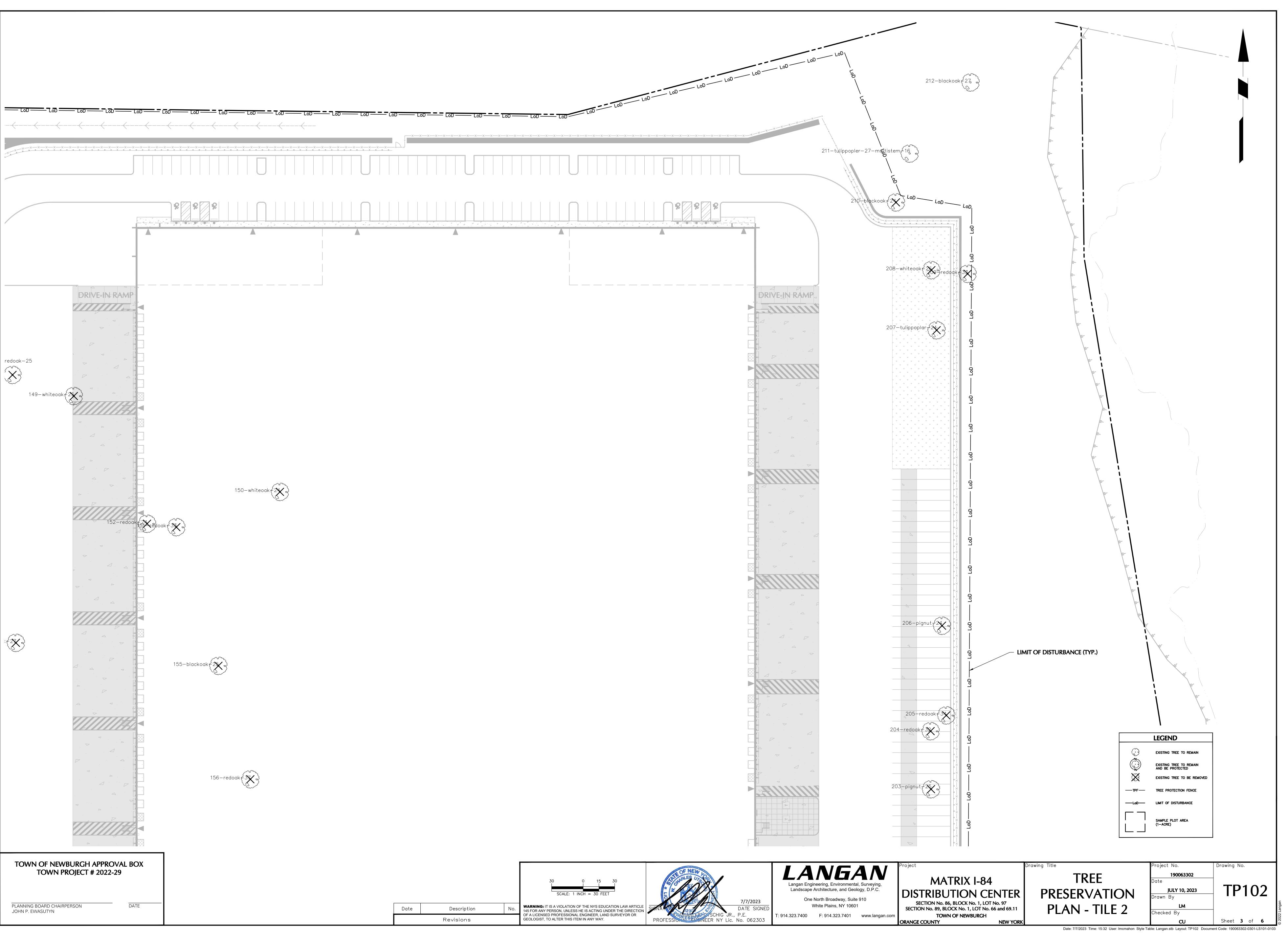
OVERALL TREE PRESERVATION PLAN

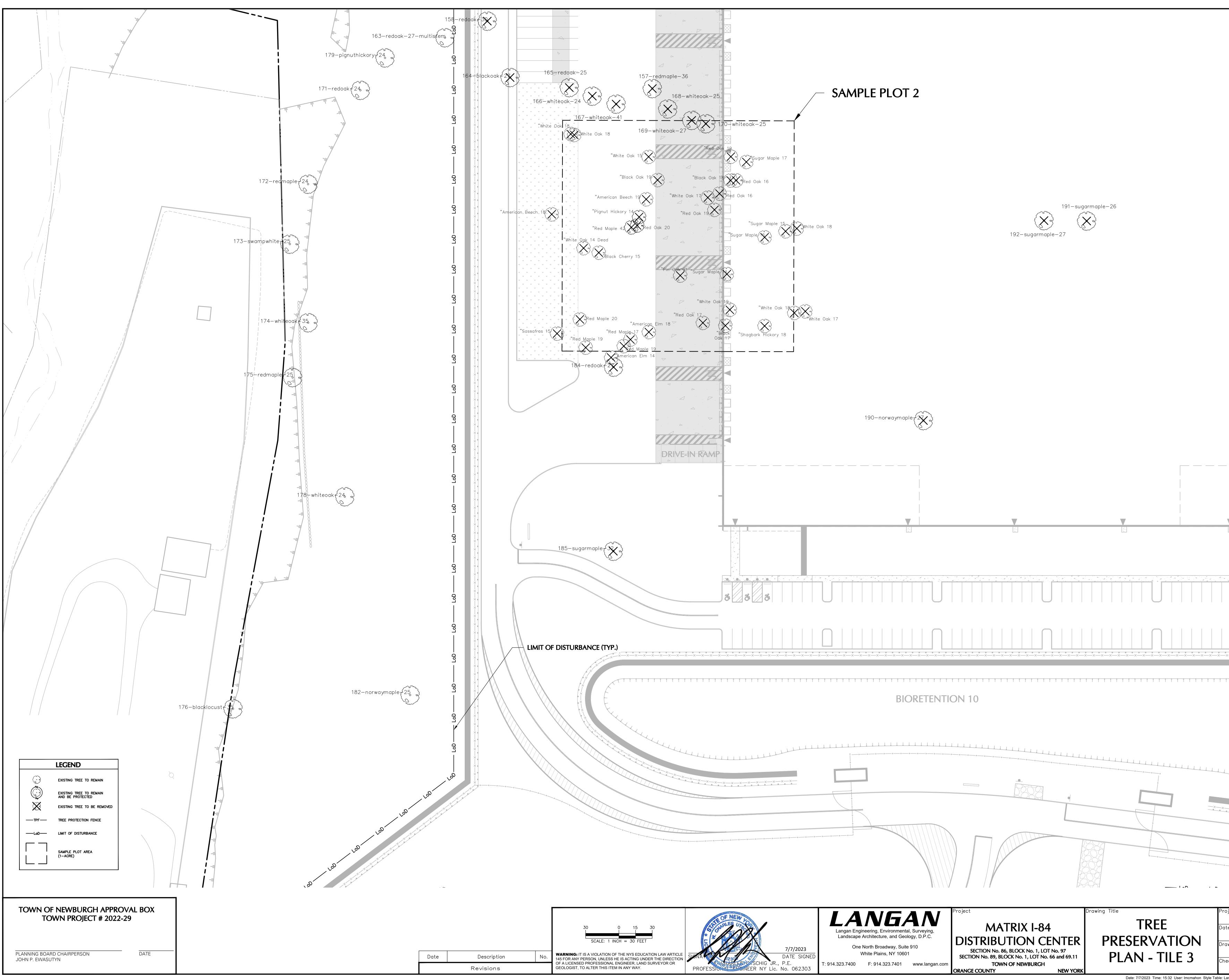
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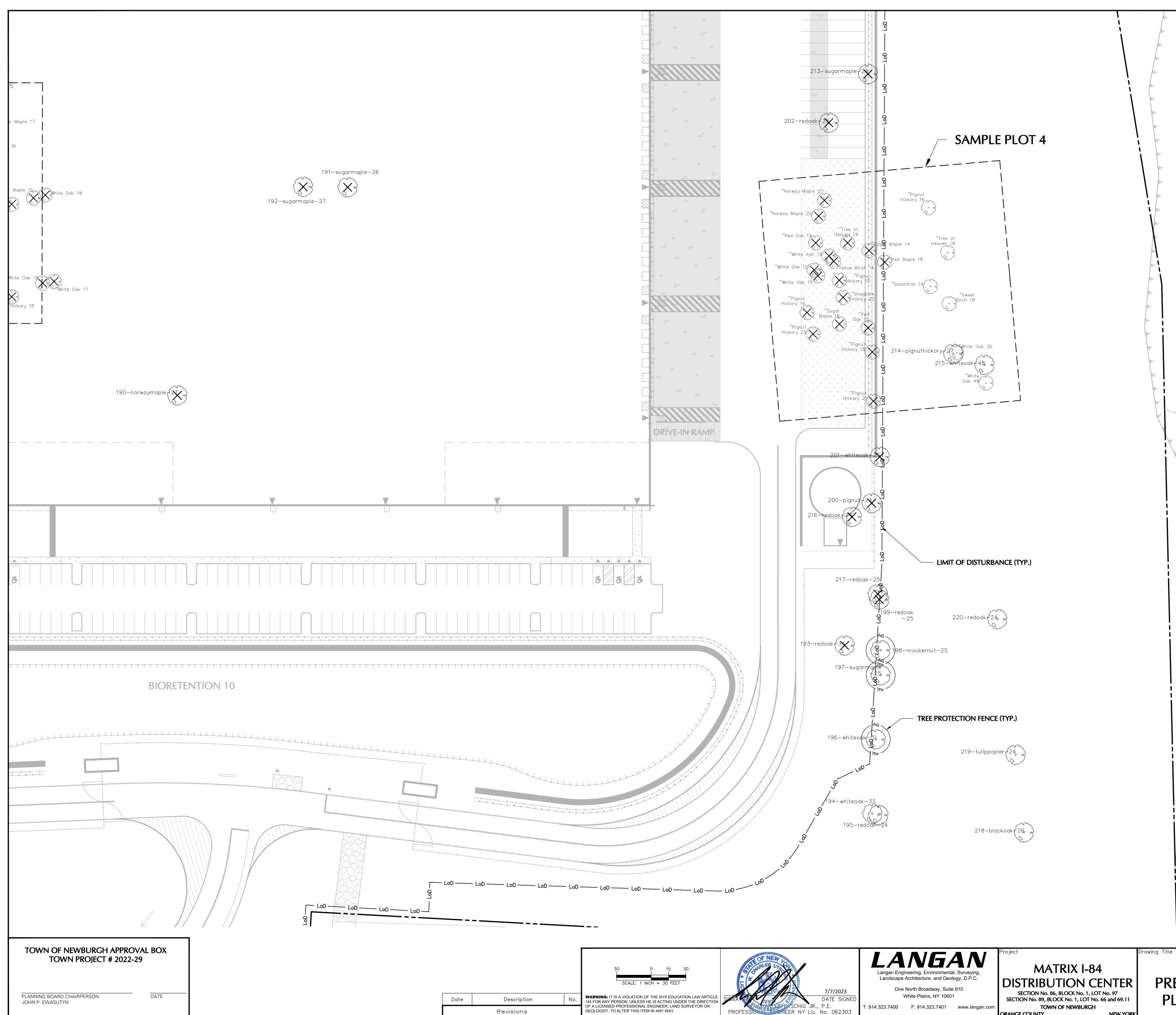
NO.         101         102         103         104         105         106         107         108         107         108         107         108         107         108         107         108         107         108         107         110         111         112         113         114         115         116         117         120         121         122         123         124         125         126         127         128         129         130         131         132         133         134         135         136         137         138         139         140         151         152         153         154         1	COMMON NAMESwamp WhiteWhite OakWhite OakSugar mapleBlack OakBlack OakRed OakRed MapleRed MapleRed MapleRed MapleSwamp WhiteSwamp WhiteSwamp WhiteSwamp WhiteBlack OakBlack OakRed OakSwamp WhiteBlack OakBlack OakBlack OakRed OakRed OakRed OakRed OakRed OakRed OakBlack OakRed MaplePin OakRed MaplePin OakRed MapleRed MapleCottonwoodRed MapleCottonwoodRed MapleRed OakRed Oak <trr>Red Oak<trr>Red Oak<trr>Red Oak<!--</th--><th>SIZE (DBH)         25         39         26         33         30         24         26         33         20         24         26         38         25         26         38         25         26         38         25         26         27         31         36         28         24         25         24         25         24         25         24         25         26         33         25         30         33         26         33         24         26         33         24         25         30         25         30         24         24         24         24         25         25         25</th><th>NOTES TO REMAIN TO BE REMOVED TO BE REMOVED TO BE REMOVED TO BE REMOVED TO REMAIN TO BE REMOVED TO BE REMOVED TO BE REMOVED TO REMAIN TO REMAIN TO REMAIN TO REMAIN TO REMAIN TO REMAIN TO BE REMOVED TO REMAIN TO RE</th></trr></trr></trr>	SIZE (DBH)         25         39         26         33         30         24         26         33         20         24         26         38         25         26         38         25         26         38         25         26         27         31         36         28         24         25         24         25         24         25         24         25         26         33         25         30         33         26         33         24         26         33         24         25         30         25         30         24         24         24         24         25         25         25	NOTES TO REMAIN TO BE REMOVED TO BE REMOVED TO BE REMOVED TO BE REMOVED TO REMAIN TO BE REMOVED TO BE REMOVED TO BE REMOVED TO REMAIN TO REMAIN TO REMAIN TO REMAIN TO REMAIN TO REMAIN TO BE REMOVED TO REMAIN TO RE
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44       45       46       47       48       49       50       51       52       53       54       55       56       57       58       59       60       61       62	Cottonwood American Beech Red Oak Black Oak Red Oak White Oak Red Oak Red Oak Red Oak White Oak	37 24 29 25 25 25	
46         47         48         49         50         51         52         53         54         55         56         57         58         59         60         61         62	Red Oak Black Oak Red Oak White Oak White Oak Red Oak Red Oak White Oak	29 25 25	
48       49       50       51       52       53       54       55       56       57       58       59       60       61       62	Red Oak White Oak White Oak Red Oak Red Oak White Oak	25	TO BE REMOVED TO BE REMOVED TO BE REMOVED
50           51           52           53           54           55           56           57           58           59           60           61           62	White Oak Red Oak Red Oak White Oak	25	TO BE REMOVED TO BE REMOVED
53       54       55       56       57       58       59       60       61       62	White Oak	24 33	TO BE REMOVED TO BE REMOVED
55 56 57 58 59 60 61 62	Red Oak	24 32 27	TO BE REMOVED TO BE REMOVED TO BE REMOVED
58 59 60 61 62	Black Oak Red Oak	25 37	TO BE REMOVED TO BE REMOVED
60 61 62	Red Maple Red Oak Red Oak	36 30 37	TO BE REMOVED TO BE REMOVED TO REMAIN
	White Oak White Oak	29 27	TO REMAIN TO REMAIN TO REMAIN
	Red Oak Red Oak	25 27	TO REMAIN TO BE PROTECTED
64 65 66	Black Oak Red Oak White Oak	27 25 24	TO BE REMOVED TO BE REMOVED TO BE REMOVED
67 68	White Oak White Oak White Oak	41 25	TO BE REMOVED TO BE REMOVED TO BE REMOVED
69 70	White Oak White Oak	27 25	TO BE REMOVED TO BE REMOVED
71 72 73	Red Oak Red Maple Swamp White	24 24 25	TO REMAIN TO REMAIN TO REMAIN
74 75	White Oak Red Maple	35 25	TO REMAIN TO REMAIN
76 77	Black Locust Silver maple White Oak	35 37 24	TO REMAIN TO BE REMOVED TO REMAIN
78 79 80	Pignuthickory Sugar maple	24 24 24 24	TO REMAIN TO REMAIN TO BE REMOVED
81 82	American Beech Norway Maple	24 25	TO BE REMOVED TO REMAIN
83 84 85	Mockernut Red Oak Sugar maple	25 27 32	TO BE REMOVED TO BE REMOVED TO BE REMOVED
86 87	Norway Maple Black oak	27 33	TO BE REMOVED TO BE REMOVED TO BE REMOVED
88 89	Pignut Norway Maple	32 26	TO BE REMOVED TO BE REMOVED
90 91 92	Norway Maple Sugar maple Sugar maple	27 26 27	TO BE REMOVED TO BE REMOVED TO BE REMOVED
93 94	Red Oak White Oak	34 33	TO BE REMOVED TO REMAIN
95 96	Red oak White Oak	24 31	TO REMAIN TO BE PROTECTED
97 98 99	Sugar maple Mockernut Red Oak	25 25 25	TO BE PROTECTED TO BE PROTECTED TO BE REMOVED
00 01	Pignut White Oak	23 24 25	TO BE REMOVED TO BE REMOVED
02 03	Red Oak Pignut	25 25	TO BE REMOVED TO BE REMOVED
04 05 06	Red Oak Red Oak Pignut	32 34 24	TO BE REMOVED TO BE REMOVED TO BE REMOVED
07 08	Tulip poplar White Oak	24 26	TO BE REMOVED TO BE REMOVED
09 10 11	Red Oak Black Oak Tulip poplar	33 24 27/16	TO BE REMOVED TO BE REMOVED TO REMAIN
11 12 13	Black Oak Sugar maple	27/16 27 24	TO REMAIN TO REMAIN TO BE REMOVED
14 15	Pignuthickory White Oak	27 48	TO REMAIN TO REMAIN
16 17 18	Red Oak Red Oak Black Oak	24 25 26	TO BE REMOVED TO BE REMOVED TO REMAIN
19 20	Tulip poplar Red Oak	24 24	TO REMAIN TO REMAIN
21 22	Pin Oak Swamp White	26 26	TO BE REMOVED TO REMAIN
	Total Specimen Tree Inches	3,338	
	Total Specimen iches To Be Removed	1,691	
	P	roject No.	Drawing No.
		190063303	I
 . T	REE	190063302 ate	

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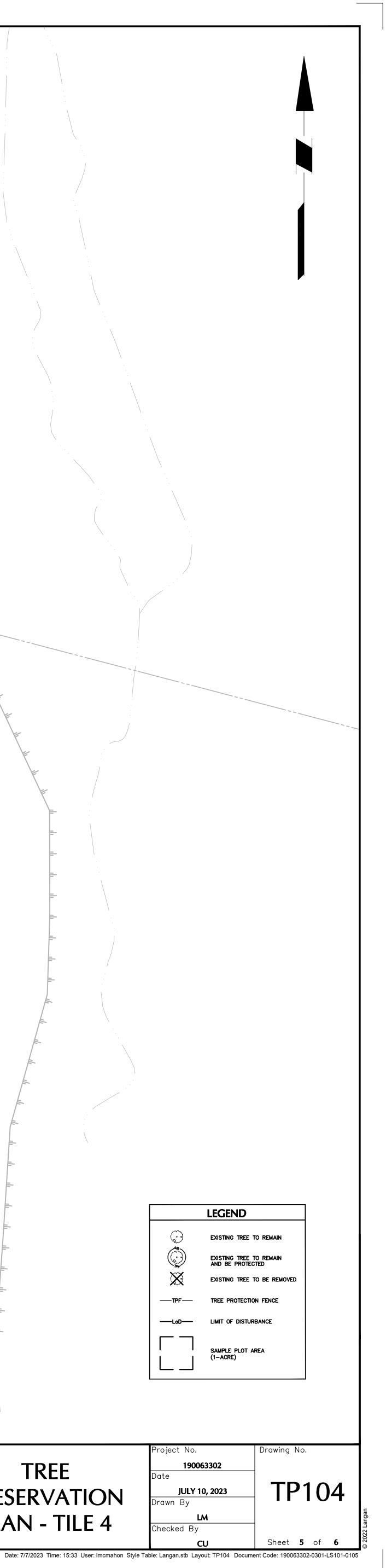


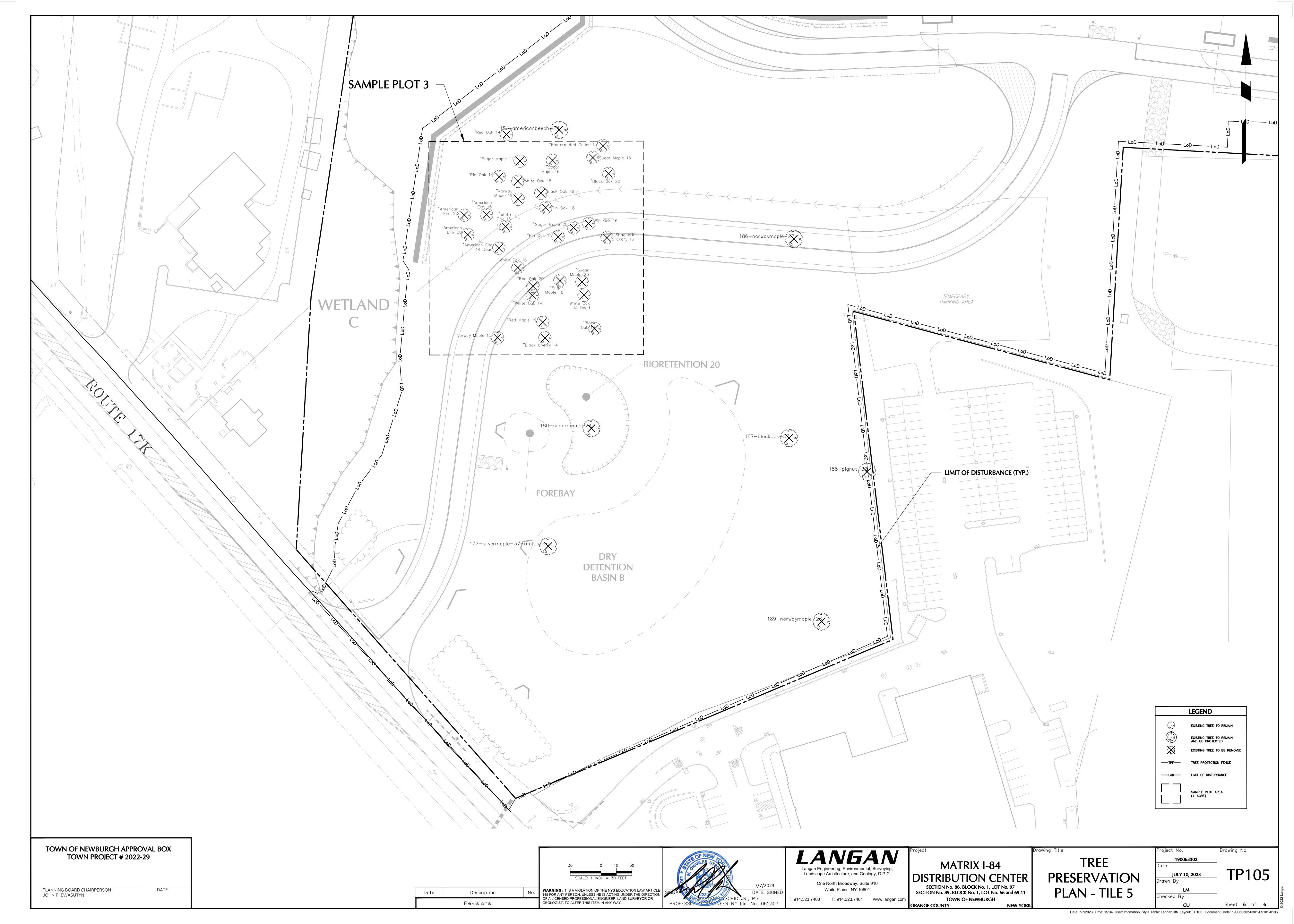


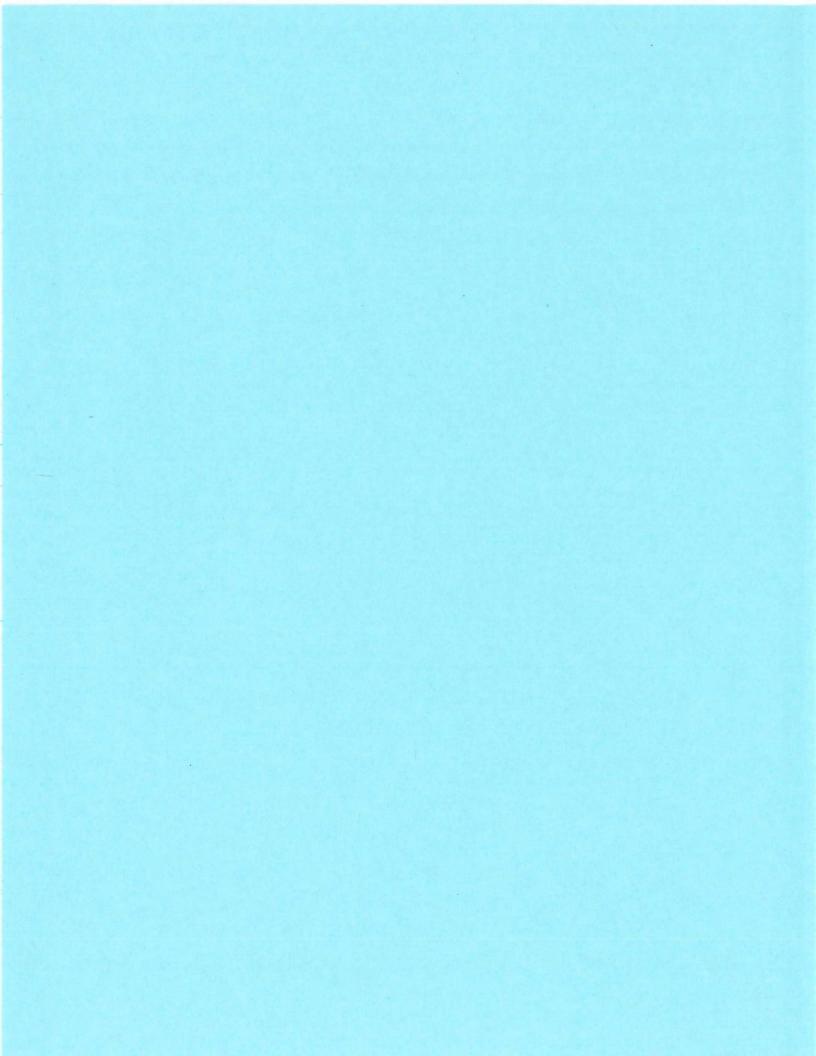


ORANGE COUNTY **NEW YORK** 

TREE PRESERVATION PLAN - TILE 4









- THIS SURVEY IS BASED UPON EXISTING PHYSICAL CONDITIONS FOUND AT THE SUBJECT SITE, AND THE FOLLOWING REFERENCES: A. TAX MAP ADDITIONAL, EAST CODENHAM, NEW YORK", FILED OCTOBER 6, 1926. YORK", FILED NOVEMBER 26, 1986.
- VERIFIED BY AN ACCURATE AND CURRENT TITLE REPORT. A. TITLE REPORT FROM STEWART TITLE INSURANCE COMPANY, ISSUED BY SMPR TITLE AGENCY, INC., TITLE No. M-084152, EFFECTIVE DATE AUGUST 9, 2022.
- OPERATING REFERENCE STATIONS (RTKCORS). 4. ELEVATIONS SHOWN ARE REFERENCED TO NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88) (GEOID18) AS DETERMINED BY GNSS.
- 2022

- COVERED UNDER THIS CONTRACT.
- STRAIGHT BETWEEN THE LOCATED STRUCTURES. DRAWINGS.

- SUBSURFACE UTILITY INFORMATION SHOWN HEREON. A. (NONE PROVIDED)
- STATE EDUCATION LAW.
- 16. THIS PLAN NOT VALID UNLESS EMBOSSED OR BLUE INK STAMPED WITH THE SEAL OF THE PROFESSIONAL.

## SCHEDULE B-II EXCEPTIONS 1. THE FOLLOWING EXCEPTIONS APPLY TO ALL PARCELS:

- 2–3. NOT SURVEY RELATED
- FAVOR OF THE OWNER OF THE PREMISES HEREIN. SEE SURVEY.
- ADJACENT THERETO. SEE SURVEY.
- ROUTE 17K. 10. NOT SURVEY RELATED.
- SAID PROPERTY.
- FIELDWORK.

# NOTES

B. FILED MAP No. 919 IN THE ORANGE COUNTY CLERKS OFFICE TITLED "FRANKLIN PARK C. FILED MAP No. 7982 IN THE ORANGE COUNTY CLERKS OFFICE TITLED "SUBDIVISION MAP LANDS OF WILLIAM KAPLAN & SIDNEY BRACHFELD, TOWN OF NEWBURGH, ORANGE CO., NEW D. FILED MAP No. 9070 IN THE ORANGE COUNTY CLERKS OFFICE TITLED "SUBDIVISION OF CONSOLIDATED TAX PARCEL 19-1-70, LANDS OF BERGER AND KARTIGANER, SITUATE ON ROUTE 17K IN THE TOWN OF NEWBURGH, COUNTY OF ORANGE, NEW YORK", FILED APRIL 19,

2. THE SURVEYED PROPERTY IS SUBJECT BUT NOT LIMITED TO THE FOLLOWING FACTS AS REVEALED BY THE HEREON REFERENCED INFORMATION. THE INFORMATION SHOWN HEREON DOES NOT CONSTITUTE A TITLE SEARCH BY THE SURVEYOR. ALL INFORMATION THAT MAY AFFECT THE QUALITY OF TITLE TO BOTH THE SUBJECT AND ADJOINING PARCELS SHOULD BE

. THE MERIDIAN OF THIS SURVEY IS REFERENCED TO NORTH AMERICAN DATUM OF 1983 (NAD83) (EPOCH2011) NEW YORK EAST STATE PLANE COORDINATE SYSTEM GRID NORTH AND SCALED TO GROUND AT A POINT HAVING A NORTH COORDINATE OF 978,071.79 AND AN EAST COORDINATE OF 601,727.43. THE AVERAGE COMBINED SCALE FACTOR FOR SAID POINT TO SCALE FROM GRID TO GROUND IS 1.00010583 AND THE RECIPROCAL FROM GROUND TO GRID IS 0.99989418. POSITION WAS DETERMINED BY GLOBAL NAVIGATION SATELLITE SYSTEMS (GNSS) AS PROVIDED BY HEXAGON SMARTNET REAL TIME KINEMATIC CONTINUOUSLY

5. STREET NAMES, SECTION, BLOCK AND LOT NUMBERS AS PER MAPS REFERENCED IN NOTE 6. PLANIMETRIC AND TOPOGRAPHIC INFORMATION SHOWN HEREON HAS BEEN OBTAINED FROM ROBINSON AERIAL SURVEYS, INC. AND GROUND SURVEYS BY LANGAN ENGINEERING, ENVIRONMENTAL, SURVEYING, LANDSCAPE ARCHITECTURE AND GEOLOGY, D.P.C. DURING AUGUST AND SEPTEMBER OF 2022. AERIAL IMAGERY WAS CAPTURED DURING JANUARY OF

7. AS PER THE "NATIONAL FLOOD INSURANCE PROGRAM FIRM MAP TITLED FOR ORANGE COUNTY, NEW YORK (ALL JURISDICTIONS), PANEL 138 OF 630, MAP NUMBER 36071C0138E, EFFECTIVE DATE AUGUST 3, 2009." THE ENTIRE SUBJECT PROPERTY LIES WITHIN ZONE X (UNSHADED), AN AREA DETERMINED TO BE OUTSIDE THE 0.2% ANNUAL CHANCE FLOODPLAIN. 8. OFFSETS (IF SHOWN) ARE FOR SURVEY REFERENCES ONLY AND ARE NOT TO BE USED IN CONSTRUCTION OF ANY TYPE. 9. WETLANDS, ENVIRONMENTAL AND/OR HAZARDOUS MATERIALS LOCATION, IF ANY, NOT

10. UNLESS SPECIFICALLY NOTED HEREON, STORM AND SANITARY SEWER INFORMATION (INCLUDING PIPE INVERT, PIPE MATERIAL, AND PIPE SIZE) WAS OBSERVED AND MEASURED AT FIELD LOCATED STRUCTURES (MANHOLES/CATCH BASINS, ETC ). CONDITIONS CAN VARY FROM THOSE ENCOUNTERED AT THE TIMES WHEN AND THE LOCATIONS WHERE DATA WAS OBTAINED. DESPITE MEETING THE REQUIRED STANDARD OF CARE THE SURVEYOR CANNOT AND DOES NOT WARRANT THAT PIPE MATERIAL AND/OR PIPE SIZE THROUGHOUT THE PIPE RUN ARE THE SAME AS THOSE OBSERVED AT EACH STRUCTURE, OR THAT THE PIPE RUN IS 1. ADDITIONAL UTILITY (WATER, GAS, ELECTRIC ETC...) DATA MAY BE SHOWN FROM FIELD LOCATED SURFACE MARKINGS (BY OTHERS), EXISTING STRUCTURES, AND/OR FROM EXISTING

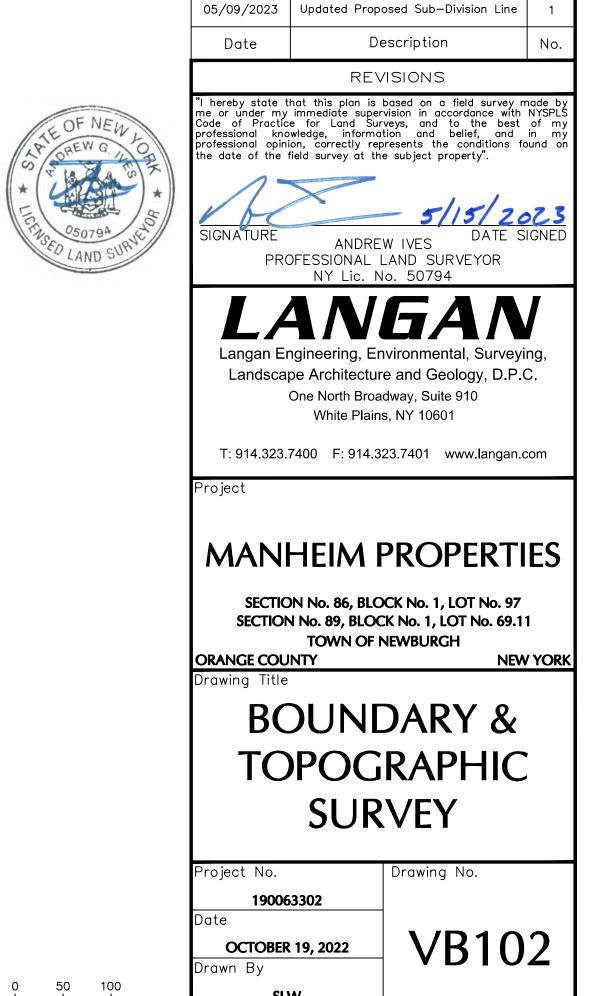
12. UNLESS SPECIFICALLY NOTED HEREON THE SURVEYOR HAS NOT EXCAVATED TO PHYSICALLY LOCATE THE UNDERGROUND UTILITIES. THE SURVEYOR MAKES NO GUARANTEES THAT THE SHOWN UNDERGROUND UTILITIES ARE EITHER IN SERVICE, ABANDONED OR SUITABLE FOR USE, NOR ARE IN THE EXACT LOCATION OR CONFIGURATION INDICATED HEREON. 13. PRIOR TO ANY DESIGN OR CONSTRUCTION THE PROPER UTILITY AGENCIES MUST BE CONTACTED FOR VERIFICATION OF UTILITY TYPE AND FOR FIELD LOCATIONS. 14. UNLESS NOTED BELOW SUPPLEMENTAL DOCUMENTS WERE NOT USED TO COMPILE THE

15. UNAUTHORIZED ALTERATION OR ADDITION TO A SURVEY MAP BEARING A LICENSED LAN SURVEYOR'S SEAL IS A VIOLATION OF SECTION 7209, SUB-DIVISION 2, OF THE NEW YORK

SUBJECT TO ANY STATE OF FACTS THAT AN ACCURATE SURVEY WOULD SHOW. - SEE 5. EXACT LOCATION, COURSES AND DISTANCES OF THE PREMISES DESCRIBED IN SCHEDULE "A" CANNOT BE GUARANTEED WITHOUT AN ACCURATE SURVEY. - SEE SURVEY. POLICY EXCEPTS RIPARIAN RIGHTS AND EASEMENTS OF OTHERS IN, TO AND OVER CREEKS AND STREAMS, BUT POLICY DOES NOT INSURE ANY RIPARIAN RIGHTS OR EASEMENTS IN POLICY EXCEPTS RIGHTS AND EASEMENTS OF OTHERS TO DRAIN THROUGH OR OTHERWISE USE THE CREEKS AND STREAMS ABUTTING OR RUNNING THROUGH THE PREMISES HEREIN, BUT POLICY DOES NOT INSURE THAT THE OWNER OF THE PREMISES HEREIN HAS ANY RIGHTS OR EASEMENTS TO DRAIN THROUGH OR OTHERWISE USE SAID CREEKS AND STREAMS ACROSS ADJACENT LAND. - SEE SURVEY. RIGHTS AND EASEMENTS, IF ANY, OF PUBLIC UTILITY COMPANIES AND MUNICIPALITIES TO MAINTAIN AND OPERATE INSTALLATIONS ON THE PREMISES HEREIN AND STREETS PREMISES ARE AN INTERIOR PARCEL AND HAVE NO FRONTAGE ON ANY LEGALLY OPENED STREET OR HIGHWAY. ACCESS BETWEEN THE PREMISES AND A PUBLIC STREET O HIGHWAY IS NOT INSURED, UNLESS AN EASEMENT IS ENTERED INTO BETWEEN THE PARTIES. - SEE SURVEY. APPLIES TO LOT 97. LOT 69.11 HAS ACCESS TO NEW YORK

11. THE FOLLOWING EXCEPTIONS APPLY TO PARCEL 2 (SECTION 89 BLOCK 1 LOT 97): 12. ACCESS BETWEEN THE PREMISES AND INTERSTATE HIGHWAY 84 IS NOT INSURED. - SEE APPROPRIATION MAP NO. 703. - IT IS NOT ON THE SURVEYED PROPERTY. ACQUISITION BY THE STATE FOR HIGHWAY PURPOSES (INTERSTATE 84) DEFINE THE NORTHERLY LINE OF 14. UTILITY EASEMENT(S) - BOOK 1342 PAGE 11. - LOCATION CANNOT BE DETERMINED FROM THE RECORD DOCUMENT. THERE WAS NO OBSERVED EVIDENCE AT THE TIME OF THE

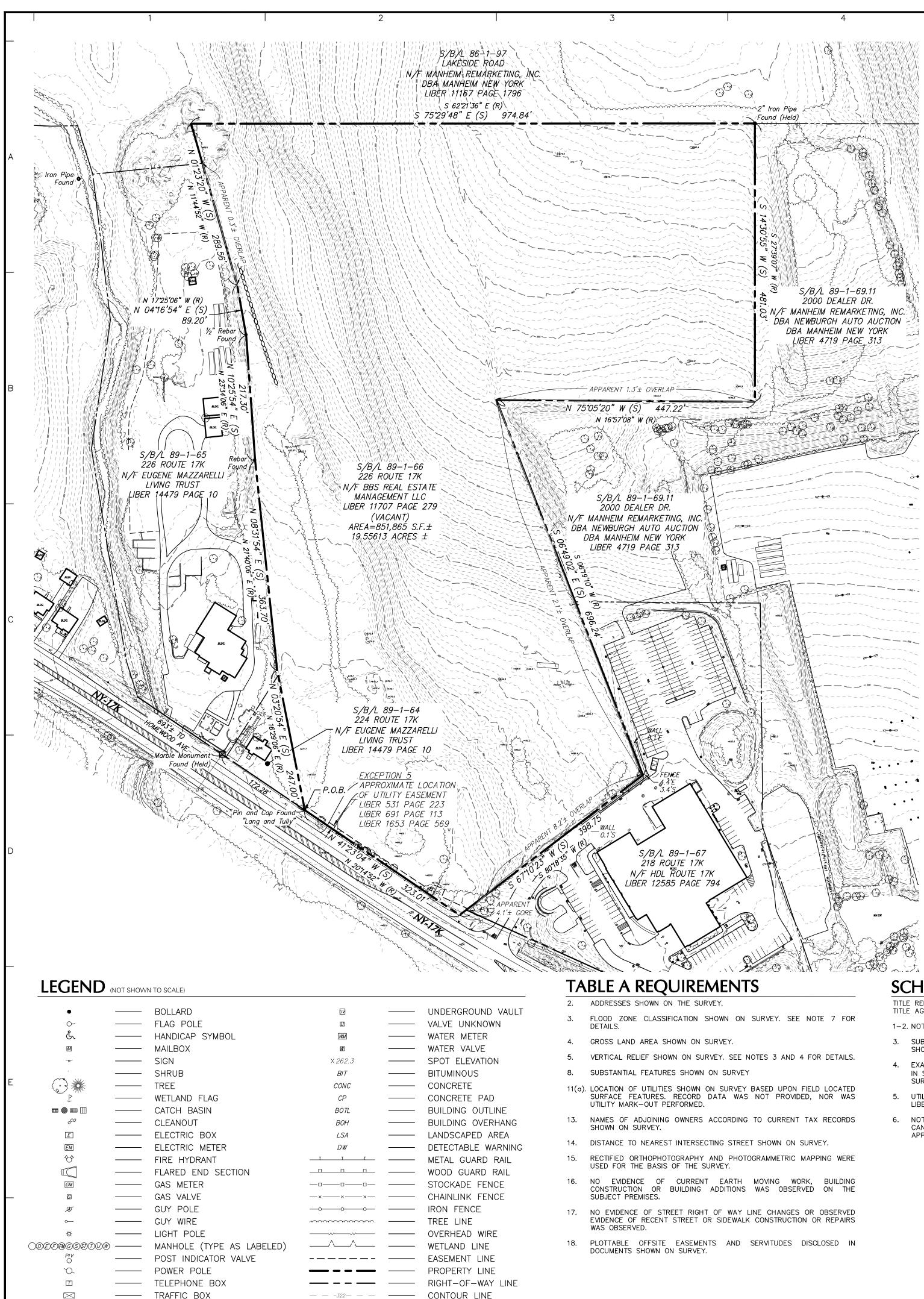




necked By

Sheet 1 of 1





------ TRAFFIC SIGNAL

------ TRAFFIC SIGNAL ARM

------ TRAFFIC SIGNAL POLE

SG

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## NOTES

- THIS SURVEY IS BASED UPON EXISTING PHYSICAL CONDITIONS FOUND AT THE SUBJECT SITE, AND THE FOLLOWING REFERENCES:
- A. TAX MAP B. FILED MAP No. 919 IN THE ORANGE COUNTY CLERKS OFFICE TITLED "FRANKLIN PARK ADDITIONAL, EAST CODENHAM, NEW YORK", FILED OCTOBER 6. 1926 FILED MAP No. 7982 IN THE ORANGE COUNTY CLERKS OFFICE TITLED
- "SUBDIVISION MAP LANDS OF WILLIAM KAPLAN & SIDNEY BRACHFELD, TOWN OF NEWBURGH, ORANGE CO., NEW YORK", FILED NOVEMBER 26, D. FILED MAP No. 9070 IN THE ORANGE COUNTY CLERKS OFFICE TITLED
- "SUBDIVISION OF CONSOLIDATED TAX PARCEL 19-1-70, LANDS OF BERGER AND KARTIGANER, SITUATE ON ROUTE 17K IN THE TOWN OF NEWBURGH, COUNTY OF ORANGE, NEW YORK", FILED APRIL 19, 1990.
- THE SURVEYED PROPERTY IS SUBJECT BUT NOT LIMITED TO THE FOLLOWING FACTS AS REVEALED BY THE HEREON REFERENCED INFORMATION. THE INFORMATION SHOWN HEREON DOES NOT CONSTITUTE A TITLE SEARCH BY THE SURVEYOR. ALL INFORMATION THAT MAY AFFECT THE QUALITY OF TITLE TO BOTH THE SUBJECT AND ADJOINING PARCELS SHOULD BE VERIFIED BY AN ACCURATE AND CURRENT TITLE REPORT.
- A. TITLE REPORT FROM STEWART TITLE INSURANCE COMPANY, ISSUED BY SMPR TITLE AGENCY, INC., TITLE No. M-079768, EFFECTIVE DATE AUGUST 1, 2022.
- 3. THE MERIDIAN OF THIS SURVEY IS REFERENCED TO NORTH AMERICAN DATUM OF 1983 (NAD83) (EPOCH2011) NEW YORK EAST STATE PLANE COORDINATE SYSTEM GRID NORTH AND SCALED TO GROUND AT A POINT HAVING A NORTH COORDINATE OF 978.071.79 AND AN EAST COORDINATE OF 601.727.43. THE AVERAGE COMBINED SCALE FACTOR FOR SAID POINT TO SCALE FROM GRID TO GROUND IS 1.00010583 AND THE RECIPROCAL FROM GROUND TO GRID IS 0.99989418. POSITION WAS DETERMINED BY GLOBAL NAVIGATION SATELLITE SYSTEMS (GNSS) AS PROVIDED BY HEXAGON SMARTNET REAL TIME KINEMATIC CONTINUOUSLY OPERATING REFERENCE STATIONS (RTKCORS).
- 4. ELEVATIONS SHOWN ARE REFERENCED TO NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88) (GEOID18) AS DETERMINED BY GNSS.
- 5. STREET NAMES, SECTION, BLOCK AND LOT NUMBERS AS PER MAPS REFERENCED IN NOTE 1.A.
- PLANIMETRIC AND TOPOGRAPHIC INFORMATION SHOWN HEREON HAS BEEN OBTAINED FROM ROBINSON AERIAL SURVEYS, INC. AND GROUND SURVEYS BY LANGAN ENGINEERING, ENVIRONMENTAL, SURVEYING, LANDSCAPE ARCHITECTURE AND GEOLOGY, D.P.C. DURING AUGUST AND SEPTEMBER OF 2022. AERIAL IMAGERY WAS CAPTURED DURING JANUARY OF 2022.

### **RECORD DESCRIPTION**

ALL THAT CERTAIN PLOT, PIECE OR PARCEL OF LAND, WITH THE BUILDINGS AND IMPROVEMENTS THEREON ERECTED, SITUATE, LYING AND BEING IN THE TOWN OF NEWBURGH, DESIGNATED ON THE ORANGE COUNTY TAX MAP AS SECTION 89, BLOCK1, LOT 66.

ALSO DESCRIBED AS FOLLOWS:

ALL THAT CERTAIN PIECE OR PARCEL OF LAND SITUATE, LYING AND BEING IN THE TOWN OF NEWBURGH, COUNTY OF ORANGE, STATE OF NEW YORK, BEING MORE ACCURATELY BOUNDED AND DESCRIBED AS FOLLOWS:

BEGINNING AT AN IRON PIPE FOUND IN THE EASTERLY LINE OF NEW YORK STATE ROUTE 17K, SAID POINT ALSO BEING SOUTH 28'-14'-52" EAST 169.96' FROM A MONUMENT FOUND AT THE WESTERNMOST CORNER OF LANDS NOW OR FORMERLY ROWELL, LIBER 1800, PAGE 609; THENCE FROM SAID POINT OR PLACE OF BEGINNING AND ALONG SAID LANDS NOW OR FORMERLY OF ROWELL, NORTH 16°-29'-06" EAST 247.00' TO A FOUND IRON PIPE; THENCE ALONG LANDS NOW OR FORMERLY OF MAZZARELLI, LIBER 1912, PAGE 471 THE FOLLOWING FOUR (4) COURSES AND DISTANCES:

- 1. NORTH 21°-40'-06" EAST 363.70' TO A REBAR TO BE SET;
- NORTH 23°-34'-06" EAST 217.30' TO A REBAR TO BE SET
- 3. NORTH 17°-25'-06" EAST 89.20' TO A REBAR TO BE SET;

4. NORTH 11°-44'-52" EAST 289.56', PARTIALLY ON OR ALONG A STONE WALL TO A REBAR TO BE SET;

THENCE ALONG LANDS NOW OR FORMERLY OF DARRIGO, LIBER 880, PAGE 183 AND ON OR ALONG A STONE WALL, SOUTH 62°-21'-36" EAST 974.84' TO A FOUND IRON PIPE: THENCE ALONG LANDS NOW OR FORMERLY OF KASINSKI LIBER 1754, PAGE 11 AND ON OR ALONG A STONE WALL THE FOLLOWING TWO (2) COURSES AND DISTANCES:

- 1. SOUTH 27'-39'-07" WEST 481.03' TO A FOUND IRON PIPE;
- 2. NORTH 61°-57'-08" WEST 447.22' TO A FOUND PAINTED ROCK;

THENCE ALONG SAID LANDS NOW OR FORMERLY OF KASINSKI AND LANDS NOW OR FORMERLY O'DELL, LIBER 1714, PAGE 81 AND ON OR ALONG A STONE WALL, PASSING THROUGH A FOUND IRON PIPE AND A FOUND REBAR ON LINE, SOUTH 06'-L9'-10" WEST 696.24' TO A FOUND X-CUT IN ROCK; THENCE ALONG SAID LANDS NOW OR FORMERLY OF O'DELL AND PARTIALLY ON OR ALONG A STONE WALL, SOUTH 80°-18'-35" WEST 398.75' TO A REBAR TO BE SET IN SAID EASTERLY LINE OF NEW YORK STATE ROUTE 17K, THENCE ALONG SAID ROAD LINE, NORTH 20'-14'-52" WEST 323.01' TO THE POINT OR PLACE OF BEGINNING.

## SCHEDULE BII EXCEPTIONS

TITLE REPORT FROM STEWART TITLE INSURANCE COMPANY, ISSUED BY SMPR TITLE AGENCY, INC., TITLE NO. M-079768, EFFECTIVE DATE AUGUST 1, 2022.

- 1-2. NOT SURVEY RELATED.
- 3. SUBJECT TO ANY STATE OF FACTS THAT AN ACCURATE SURVEY WOULD SHOW. - SEE SURVEY.
- 4. EXACT LOCATION, COURSES AND DISTANCES OF THE PREMISES DESCRIBED IN SCHEDULE "A" CANNOT BE GUARANTEED WITHOUT AN ACCURATE SURVEY. - SEE SURVEY.
- 5. UTILITY EASEMENTS IN LIBER 531 PAGE 223, LIBER 691 PAGE 113 AND LIBER 720 PAGE 210. - APPROXIMATE LOCATION PLOTTED.
- 6. NOTICE OF APPROPRIATION IN LIBER 1653 PAGE 569. LOCATION CANNOT BE DETERMINED FROM RECORD DOCUMENT. INCOMPLETE APPROPRIATIONS DOCUMENT.

- TO BE USED IN CONSTRUCTION OF ANY TYPE.
- WETLANDS, ENVIRONMENTAL AND/OR HAZARDOUS MATERIALS LOCATION, IF ANY, NOT COVERED UNDER THIS CONTRACT.
- 10. UNLESS SPECIFICALLY NOTED HEREON, STORM AND SANITARY SEWER
- BETWEEN THE LOCATED STRUCTURES.
- LOCATIONS.
- A. (NONE PROVIDED)
- SEAL OF THE PROFESSIONAL.

# SURVEY DESCRIPTION

ALL THAT CERTAIN PIECE OR PARCEL OF LAND SITUATE, LYING AND BEING IN THE TOWN OF NEWBURGH, COUNTY OF ORANGE AND STATE OF NEW YORK AND BEING BOUNDED AND DESCRIBED AS FOLLOWS:

BEGINNING FROM A POINT ON THE NORTHERLY LINE OF NEW YORK ROUTE 17K AND THE EASTERLY LINE OF LANDS NOW OR FORMERLY OWNED BY EUGENE MAZZARELLI LIVING TRUST, BEING DISTANT 172.28 FEET SOUTHEASTERLY FROM A MARBLE MONUMENT ON THE NORTHERLY LINE OF NEW YORK ROUTE 17K, AND RUNNING THENCE

1. NORTHERLY ALONG PREVIOUSLY SAID DIVISION LINE, A COURSE OF NORTH 03'20'54" EAST, A DISTANCE OF 247.00 FEET TO A POINT; THENCE CONTINUING NORTHERLY ALONG THE EASTERLY LINE OF LANDS NOW OR

COURSES: 2. NORTH 08'31'54" EAST, A DISTANCE OF 363.70 FEET TO A POINT; THENCE

- REMARKETING, INC. DBA MANHEIM NEW YORK: THENCE
- AND DBA MANHEIM NEW YORK; THENCE

RUNNING SOUTHERLY AND WESTERLY ALONG PREVIOUSLY SAID DIVISION LINE THE FOLLOWING THREE COURSES:

- THENCE
- NORTHERLY LINE OF NEW YORK ROUTE 17K; THENCE
- TO THE POINT OR PLACE OF BEGINNING.

7. AS PER THE "NATIONAL FLOOD INSURANCE PROGRAM FIRM MAP TITLED FOR ORANGE COUNTY, NEW YORK (ALL JURISDICTIONS), PANEL 138 OF 630, MAP NUMBER 36071C0138E, EFFECTIVE DATE AUGUST 3, 2009." THE ENTIRE SUBJECT PROPERTY LIES WITHIN ZONE X (UNSHADED). AN AREA DETERMINED TO BE OUTSIDE THE 0.2% ANNUAL CHANCE FLOODPLAIN.

8. OFFSETS (IF SHOWN) ARE FOR SURVEY REFERENCES ONLY AND ARE NOT

INFORMATION (INCLUDING PIPE INVERT, PIPE MATERIAL, AND PIPE SIZE) WAS OBSERVED AND MEASURED AT FIELD LOCATED STRUCTURES (MANHOLES/CATCH BASINS, ETC ). CONDITIONS CAN VARY FROM THOSE ÈNCOUNTERED AT THE TIMES WHEN AND THE LOCATIONS WHERE DATA WAS OBTAINED. DESPITE MEETING THE REQUIRED STANDARD OF CARE THE SURVEYOR CANNOT AND DOES NOT WARRANT THAT PIPE MATERIAL AND/OR PIPE SIZE THROUGHOUT THE PIPE RUN ARE THE SAME AS THOSE OBSERVED AT EACH STRUCTURE, OR THAT THE PIPE RUN IS STRAIGHT

ADDITIONAL UTILITY (WATER, GAS, ELECTRIC ETC ... ) DATA MAY BE SHOWN FROM FIELD LOCATED SURFACE MARKINGS (BY OTHERS), EXISTING STRUCTURES, AND/OR FROM EXISTING DRAWINGS.

12. UNLESS SPECIFICALLY NOTED HEREON THE SURVEYOR HAS NOT EXCAVATED TO PHYSICALLY LOCATE THE UNDERGROUND UTILITIES. THE SURVEYOR MAKES NO GUARANTEES THAT THE SHOWN UNDERGROUND UTILITIES ARE EITHER IN SERVICE. ABANDONED OR SUITABLE FOR USE, NOR ARE IN THE EXACT LOCATION OR CONFIGURATION INDICATED HEREON.

13. PRIOR TO ANY DESIGN OR CONSTRUCTION THE PROPER UTILITY AGENCIES MUST BE CONTACTED FOR VERIFICATION OF UTILITY TYPE AND FOR FIELD

14. UNLESS NOTED BELOW SUPPLEMENTAL DOCUMENTS WERE NOT USED TO COMPILE THE SUBSURFACE UTILITY INFORMATION SHOWN HEREON.

15. UNAUTHORIZED ALTERATION OR ADDITION TO A SURVEY MAP BEARING A LICENSED LAND SURVEYOR'S SEAL IS A VIOLATION OF SECTION 7209, SUB-DIVISION 2, OF THE NEW YORK STATE EDUCATION LAW. 16. THIS PLAN NOT VALID UNLESS EMBOSSED OR BLUE INK STAMPED WITH THE

FORMERLY OWNED BY EUGENE MAZZARELLI LIVING TRUST THE FOLLOWING FOUR

NORTH 10'25'54" EAST, A DISTANCE OF 217.30 FEET TO A POINT; THENCE NORTH 04"16'54" EAST, A DISTANCE OF 89.20 FEET TO A POINT; THENCE 5. NORTH 01'23'20" WEST, A DISTANCE OF 289.56 FEET TO A POINT ON THE SOUTHERLY LINE OF LANDS NOW OR FORMERLY OWNED BY MANHEIM

6. RUNNING EASTERLY ALONG PREVIOUSLY SAID DIVISION LINE, A COURSE OF SOUTH 75°29'48" EAST, A DISTANCE OF 974.84 FEET TO A 2 INCH IRON PIPE ON THE NORTHWESTERLY CORNER OF LANDS NOW OR FORMERLY OWNED BY MANHEIM REMARKETING, INC. DBA NEWBURGH AUTO AUCTION

7. SOUTH 14°30'55" WEST, A DISTANCE OF 481.03 FEET TO A POINT; THENCE 8. NORTH 75'05'20" WEST, A DISTANCE OF 447.22 FEET TO A POINT; THENCE 9. SOUTH 06°49'02" EAST. A DISTANCE OF 696.24 FEET TO A POINT ON THE WESTERLY LINE OF LANDS NOW OR FORMERLY OWNED BY HDL ROUTE 17K;

10. RUNNING WESTERLY ALONG PREVIOUSLY SAID DIVISION LINE, A COURSE OF SOUTH 67"10'23" WEST, A DISTANCE OF 398.75 FEET TO A POINT ON THE

11. RUNNING NORTHERLY ALONG THE NORTHERLY LINE OF NEW YORK ROUTE 17K, A COURSE OF NORTH 41°23'04" WEST, A DISTANCE OF 323.01 FEET

TO:

# MATRIX NEWBURGH ROUTE 17K DEVELOPMENT, LLC;

**ALTA CERTIFICATION** 

- WHITEMAN OSTERMAN & HANNA LLP; STEWART TITLE INSURANCE COMPANY AND
- BBS REAL ESTATE MANAGEMENT LLC.

I HEREBY STATE THAT THIS PLAN IS BASED ON A FIELD SURVEY MADE BY ME OR UNDER MY IMMEDIATE SUPERVISION IN ACCORDANCE WITH NYSPLS CODE OF PRACTICE FOR LAND SURVEYS, AND TO THE BEST OF MY PROFESSIONAL KNOWLEDGE, INFORMATION AND BELIEF, AND IN MY PROFESSIONAL OPINION, CORRECTLY REPRESENTS THE CONDITIONS FOUND ON THE DATE OF THE FIELD SURVEY AT THE SUBJECT PROPERTY" AND

THIS IS TO CERTIFY THAT THIS MAP OR PLAT AND THE SURVEY ON WHICH IT IS BASED WERE MADE IN ACCORDANCE WITH THE 2021 MINIMUM STANDARD DETAIL REQUIREMENTS FOR ALTA/NSPS LAND TITLE SURVEYS, JOINTLY ESTABLISHED AND ADOPTED BY ALTA AND NSPS, AND INCLUDES ITEMS 2, 3, 4, 5, 6, 8, 11(a), 13, 14, 15, 16, 17 AND 18 OF TABLE A THEREOF. THE FIELD WORK WAS COMPLETED ON SEPTEMBER 28, 2022.

MAF	' IS	CURRENT	AS	OF	OCTOBER	10,	2022.	

Date: 10/11/2027 Signature: ANDREW G. IVES PROFESSIONAL LAND SURVEYOR NY LIC. No. 050794



INTERCHANGE BUSINESS (IB) ZONING DISTRICT					
CODE REF.	BULK REGULATION	REQUIRED			
Schedule 8	PRINCIPAL USE	Use subject to site plan review by Planning Board			
Schedule 8	MIN. LOT AREA	40,000 SF			
Schedule 8	MIN. LOT WIDTH	150 FT			
Schedule 8	MIN. LOT DEPTH	150 FT			
Schedule 8	MIN. FRONT YARD	50 FT			
Sect. 185-18	MIN. FRONT YARD (STATE ROAD) <sup>(1)</sup>	60 FT			
Schedule 8	MIN. SETBACK FROM ROUTE 17K <sup>(2)</sup>	500-FT			
Schedule 8	MIN. REAR YARD	60 FT			
Schedule 8	MIN. SIDE YARD (ONE SIDE)	30 FT			
Schedule 8	MIN. SIDE YARD (BOTH SIDES)	80 FT			
Schedule 8	MAX. LOT BUILDING COVERAGE	40%			
Schedule 8	MAX. BUILDING HEIGHT	40 FT			
Schedule 8	MAX. LOT SURFACE COVERAGE	80%			
Sect. 185-15	ACCESSORY STRUCTURE SETBACK <sup>(3)</sup>	5 FT			
Sect. 185-15	ACCESSORY STRUCTURE HEIGHT	15 FT			
Sect. 185-21	MIN. RESIDENTIAL BUFFER WIDTH	75 FT			
ote:					

(2) Per Schedule 8, Column D., Line Item 9., "Warehouse, storage and transportation facilities, including truck and bus terminals, not within 500 feet of Route 17K" is a use subject to site plan review by the Planning Board.

(3) A permitted accessory building may be located in any required side or rear yard provided that such building shall be setback at least 5 feet from any side or rear lot line and at least 10 feet from the main building.

10/11/2022	UPDATED TITLE REPORT & ADDRESS COMMENTS	3		
9/29/2022	UPDATED SURVEY INFORMATION	2		
9/28/2022	UPDATED SURVEY INFORMATION	1		
Date	Description	No.		
REVISIONS				



T: 914.323.7400 F: 914.323.7401 www.langan.com

roject

# MATRIX CENTER 17K

SECTION No. 89, BLOCK No. 1, LOT No. 66 TOWN OF NEWBURGH ORANGE COUNTY NEW YORK



Drawing No.

Sheet

VL101

of 1

roject No. 190063302

**SEPTEMBER 19, 2022** rawn By SLW

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Filename: \\langan.com\data\\WPW\data3\190063302\Project Data\ Discipline\Survey\CAD\Sheet Files\190063302-VL101.dwg Date: 10/11/2022 Time: 10:19 User: swaldemer Style Table: Langan.stb Layout: VL101

# **APPENDIX 4**

#### Full Environmental Assessment Form Part 1 - Project and Setting

#### **Instructions for Completing Part 1**

**Part 1 is to be completed by the applicant or project sponsor.** Responses become part of the application for approval or funding, are subject to public review, and may be subject to further verification.

Complete Part 1 based on information currently available. If additional research or investigation would be needed to fully respond to any item, please answer as thoroughly as possible based on current information; indicate whether missing information does not exist, or is not reasonably available to the sponsor; and, when possible, generally describe work or studies which would be necessary to update or fully develop that information.

Applicants/sponsors must complete all items in Sections A & B. In Sections C, D & E, most items contain an initial question that must be answered either "Yes" or "No". If the answer to the initial question is "Yes", complete the sub-questions that follow. If the answer to the initial question is "No", proceed to the next question. Section F allows the project sponsor to identify and attach any additional information. Section G requires the name and signature of the applicant or project sponsor to verify that the information contained in Part 1 is accurate and complete.

#### A. Project and Applicant/Sponsor Information.

Name of Action or Project: Matrix I-84 Distribution Center				
Project Location (describe, and attach a general location map):				
The site is located on Route 17K in the Town of Newburgh. It is located 0.75 miles east of	the intersection of I-84. S/B/L:	89-1-66; 89-1-69.11; 86-1-97		
Brief Description of Proposed Action (include purpose or need):				
The proposed development is a +/- 595,900-square foot warehouse that meets the require associated loading and parking spaces, utilities, and stormwater management practices. A is included in the project narrative.	ments of the zoning code. The ccess to the project site will be	proposed action will also include from Route 17K. Additional detail		
Name of Applicant/Sponsor:   Telephone: 732-521-2900				
Matrix Newburgh Route 17K Development, LLC	E-Mail: kgriffin@matrixcompanies.com			
Address: 3 Center Drive				
City/PO: Monroe Township	State: New Jersey	Zip Code: 08831		
Project Contact (if not same as sponsor; give name and title/role):	Telephone: 914-323-7410	D		
W. Charles Utschig Jr., Senior Associate	E-Mail: cutschig@langan	.com		
Address: 1 North Broadway				
City/PO: White Plains	State: New York	Zip Code: 10601		
Property Owner (if not same as sponsor): * See note at bottom of page	Telephone:			
Manheim Remarketing, Inc.	E-Mail:			
Address: 6205 Peachtree Dunwoody Road				
City/PO: Atlanta	State: GA	Zip Code: <sub>30328</sub>		

\* The applicant is the owner of S/B/L: 89-1-66. Manheim Remarking, Inc. is the current owner of S/B/L: 89-1-69.11 and 86-1-97.

#### \* See note at bottom of page for B. Government Approvals additional approvals/permits

Government Entity		If Yes: Identify Agency and Approval(s) Required	Application Date (Actual or projected)	
a. City Counsel, Town Board or Village Board of Truste			1	
b. City, Town or Village Planning Board or Commi	✓Yes⊡No ssion	Town of Newburgh Planning Board - Site Plan Approval, SEQR Determination	Projected date: July 2023	
c. City, Town or Village Zoning Board of A	□Yes <b>☑</b> No Appeals			
d. Other local agencies	<b>₽</b> Yes∎No	Town Engineer and Health Department - Water Main Approval	Projected date:July 2023	
e. County agencies	<b>∠</b> Yes <b>N</b> o	Orange County Dept of Planning- Site Plan Review Department of Health - Water Connection	Projected date: July 2023	
f. Regional agencies	□Yes <b>2</b> No			
g. State agencies	<b>₽</b> Yes□No	NYSDOT - Highway Work Permit, NYSDEC - SPDES	Projected date:July 2023	
h. Federal agencies	<b>₽</b> Yes <b>No</b>	FAA Notice of Construction/Hazard to Air Nav. Determination	Projected date:July 2023	
		or the waterfront area of a Designated Inland W		
<i>ii.</i> Is the project site locate <i>iii.</i> Is the project site within		with an approved Local Waterfront Revitaliza n Hazard Arca?	tion Program? □ Yes☑No □ Yes☑No	

#### C. Planning and Zoning

C.1. Planning and zoning actions.	
<ul> <li>Will administrative or legislative adoption, or amendment of a plan, local law, ordinance, rule or regulation be the only approval(s) which must be granted to enable the proposed action to proceed?</li> <li>If Yes, complete sections C, F and G.</li> <li>If No, proceed to question C.2 and complete all remaining sections and questions in Part 1</li> </ul>	☐ Yes <b>Z</b> No
C.2. Adopted land use plans.	
a. Do any municipally- adopted (city, town, village or county) comprehensive land use plan(s) include the site where the proposed action would be located?	<b>ℤ</b> Yes <b>□</b> No
If Yes, does the comprehensive plan include specific recommendations for the site where the proposed action would be located?	□Yes☑No
<ul> <li>b. Is the site of the proposed action within any local or regional special planning district (for example: Greenway; Brownfield Opportunity Area (BOA); designated State or Federal heritage area; watershed management plan; or other?)</li> </ul>	<b>₽</b> Yes <b>□</b> No
If Yes, identify the plan(s): Priority Growth Area as identified in the Orange County, New York Comprehensive Plan	
<ul> <li>c. Is the proposed action located wholly or partially within an area listed in an adopted municipal open space plan, or an adopted municipal farmland protection plan?</li> <li>If Yes, identify the plan(s):</li> </ul>	□Yes 2No
ol City Town as Village Diamains Decades Commission Announts	

tional City, Town or Village Planning Board or Commission Approvals ured: Architectural Review Board Approval, NYSDEC 5-acre urbance Waiver, Clearing and Grading Permit, City of Newburgh Sewer nection & Approval of Developers Agreement

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tional Other Local Agencies Approvals Required: Code Compliance er, Town Blasting Permit, Town Building Department Building Permit & of Newburgh Sewer Connection

C.3. Zoning	
<ul> <li>a. Is the site of the proposed action located in a municipality with an adopted zoning law or ordinance.</li> <li>If Yes, what is the zoning classification(s) including any applicable overlay district?</li> <li>IB - Interchange Business District; Stewart Airport Overlay District</li> </ul>	<b>₽</b> Yes <b>□</b> No
b. Is the use permitted or allowed by a special or conditional use permit?	<b>⊿</b> Yes No
<ul><li>c. Is a zoning change requested as part of the proposed action?</li><li>If Yes,</li><li><i>i</i>. What is the proposed new zoning for the site?</li></ul>	□ Yes <b>2</b> No
C.4. Existing community services.	
a. In what school district is the project site located? Valley Central School District	
b. What police or other public protection forces serve the project site? Town of Newburgh Police Department	
c. Which fire protection and emergency medical services serve the project site? Orange Lake Fire District; Town of Newburgh Emergency Medical Services	
d. What parks serve the project site? Stewart State Forest (2 miles west), Algonquin Park (2.3 miles east), Cronomer Hill Park (2.7 miles east), San Giacomo Park	ark (3.7 miles south east)

#### **D. Project Details**

D.1. Proposed and Potential Development	
a. What is the general nature of the proposed action (e.g., residential, indu components)? Industrial - Warehouse building	strial, commercial, recreational; if mixed, include all
b. a. Total acreage of the site of the proposed action?	$\pm 62+$ acres
<ul><li>b. Total acreage to be physically disturbed?</li><li>c. Total acreage (project site and any contiguous properties) owned</li></ul>	$\pm 44$ acres
or controlled by the applicant or project sponsor?	<u>±62.0</u> acres
<ul> <li>c. Is the proposed action an expansion of an existing project or use?</li> <li><i>i.</i> If Yes, what is the approximate percentage of the proposed expansion square feet)? % Units:</li> </ul>	☐ Yes ✓ No n and identify the units (e.g., acres, miles, housing units,
d. Is the proposed action a subdivision, or does it include a subdivision?	☑ Yes □No
If Yes,	
<i>i</i> . Purpose or type of subdivision? (e.g., residential, industrial, commerc. Industrial subdivision/lot merge	ial; if mixed, specify types)
<i>ii.</i> Is a cluster/conservation layout proposed?	□Yes <b>Z</b> No
iii. Number of lots proposed?	
iv. Minimum and maximum proposed lot sizes? Minimum	Maximum
e. Will the proposed action be constructed in multiple phases?	✓ Yes □ No
<i>i.</i> If No, anticipated period of construction: <i>ii.</i> If Yes:	<u>18</u> months * See note at bottom of page
• Total number of phases anticipated	3
• Anticipated commencement date of phase 1 (including demolitie	
Anticipated completion date of final phase	<u>3</u> month <u>2025</u> year
Generally describe connections or relationships among phases, in determine timing or duration of future phases:	ncluding any contingencies where progress of one phase may

\* A 5 acre waiver will be requested for this project

f. Does the project	et include new resid	lential uses?			Yes No
	bers of units proper				
	One Family	<u>Two</u> Family	Three Family	Multiple Family (four or more)	
Initial Phase					
At completion					
of all phases					
g. Does the propo	osed action include	new non-residentia	al construction (inclu	iding expansions)?	Yes No
If Yes,	bou uonon menuer	new non resident.	al construction (mere	luing expansions):	
<i>i</i> . Total number	of structures	11			
<i>ii</i> . Dimensions (	in feet) of largest p	roposed structure:	<40 feet height;	<u>590</u> width; and <u>1,010</u> length	
				595.900 square feet	
				l result in the impoundment of any	✓ Yes □ No
liquids, such a If Yes,	s creation of a wate	r supply, reservoir	, pond, lake, waste la	agoon or other storage?	
	imnoundment: Sto	rmwater Managemer	t Basin -Dry detention	basins will temporarily impound water during	storm events
	oundment, the prin			Ground water Surface water stream	
Drainage from site		-			
<i>iii</i> . If other than w N/A	vater, identify the ty	ype of impounded/	contained liquids and	d their source.	
iv. Approximate	size of the propose	d impoundment.	Volume:	TBD million gallons; surface area:	TBD acres
v. Dimensions o	f the proposed dam	or impounding str	ructure: N/	A height; <u>N/A</u> length ructure (e.g., earth fill, rock, wood, cond	
	method/materials f	or the proposed da	im or impounding str	ructure (e.g., earth fill, rock, wood, con-	crete):
earth fill					
D.2. Project Op	erations				
			· · · · · · · · · · · · · · ·		
				uring construction, operations, or both? or foundations where all excavated	∐Yes <b>∕</b> No
materials will r		mon, grading or m	Statiation of uninco	of foundations where an excavated	
If Yes:	,				
	upose of the excava				
ii. How much ma	terial (including ro	ck, earth, sediment	s, etc.) is proposed to	o be removed from the site?	
• Volume	(specify tons or cu	bic yards):			
	at duration of time		4 1 due d	· · · · ·	0.4
<i>iii</i> . Describe natur	re and characteristic	es of materials to b	e excavated or dredg	ged, and plans to use, manage or dispos	e of them.
in Will there be	onsite devetering	or processing of ex	cavated materials?		Yes No
			cavaled materials?		
v. What is the to	tal area to be dredg	ed or excavated?		acres	
vi. What is the m	aximum area to be	worked at any one	time?	acres	
			or dredging?	feet	
	vation require blas				<b>Yes</b> No
<i>ix</i> . Summarize sit	e reclamation goals	and plan:			
b. Would the prop	osed action cause	or result in alteration	on of, increase or de	crease in size of, or encroachment	Yes No
			ch or adjacent area?		
If Yes:					
<i>i</i> . Identify the w	etland or waterbod	y which would be	affected (by name, v	vater index number, wetland map numb	er or geographic
description):					

<i>ii.</i> Describe how the proposed action would affect that waterbody or wetland, e.g. excavation, f alteration of channels, banks and shorelines. Indicate extent of activities, alterations and addi	
<i>iii.</i> Will the proposed action cause or result in disturbance to bottom sediments? If Yes, describe:	□Yes □No
<i>iv.</i> Will the proposed action cause or result in the destruction or removal of aquatic vegetation? If Yes:	☐ Yes ☐ No
acres of aquatic vegetation proposed to be removed:	
expected acreage of aquatic vegetation remaining after project completion:	
• purpose of proposed removal (e.g. beach clearing, invasive species control, boat access)	
proposed method of plant removal:	
<ul> <li>if chemical/herbicide treatment will be used, specify product(s):</li> </ul>	
1) Describe any proposed realomation/mitigation following disturbances	
c. Will the proposed action use, or create a new demand for water?	<b>✓</b> Yes <b>□</b> No
If Yes:	
<i>i</i> . Total anticipated water usage/demand per day: 9,000 gallons/da	
<i>ii.</i> Will the proposed action obtain water from an existing public water supply?	<b>✓</b> Yes <b>□</b> No
If Yes:	
Name of district or service area: Town of Newburgh consolidated water district	
• Does the existing public water supply have capacity to serve the proposal?	Yes No
• Is the project site in the existing district?	✓ Yes No
• Is expansion of the district needed?	Yes V No
• Do existing lines serve the project site?	✓ Yes No
<i>iii.</i> Will line extension within an existing district be necessary to supply the project? If Yes:	Yes 🖉 No
Describe extensions or capacity expansions proposed to serve this project:	
• Source(s) of supply for the district:	
<i>iv.</i> Is a new water supply district or service area proposed to be formed to serve the project site?	☐ Yes <b>√</b> No
If, Yes:	
• Applicant/sponsor for new district:	
Date application submitted or anticipated:	
Proposed source(s) of supply for new district:	
$\nu$ . If a public water supply will not be used, describe plans to provide water supply for the projection of the projec	.ct:
vi. If water supply will be from wells (public or private), what is the maximum pumping capacity	/: gallons/minute.
d. Will the proposed action generate liquid wastes?	✓ Yes □No
If Yes:	
<i>i</i> . Total anticipated liquid waste generation per day:9,000 gallons/day	
ii. Nature of liquid wastes to be generated (e.g., sanitary wastewater, industrial; if combination,	describe all components and
approximate volumes or proportions of each):	
Santary Wastewater	
<i>iii.</i> Will the proposed action use any existing public wastewater treatment facilities? If Yes:	<b>√</b> Yes <b>N</b> o
<ul> <li>Name of wastewater treatment plant to be used: City of Newburgh - Renwick Street wastewate</li> </ul>	er treatment plant
Name of district: <u>Town of Newburgh Sewer District (Crossroads Sewer District in the Joint Sewer</u>	
<ul> <li>Does the existing wastewater treatment plant have capacity to serve the project?</li> </ul>	Yes No
<ul> <li>Is the project site in the existing district?</li> </ul>	$\checkmark$ Yes $\square$ No
• Is expansion of the district needed?	$\Box Yes \square No$
1	

<ul> <li>h. Will the proposed action generate or emit methane (includ landfills, composting facilities)?</li> <li>If Yes: <ol> <li>Estimate methane generation in tons/year (metric):</li> </ol> </li> </ul>		Yes No
<i>ii.</i> Describe any methane capture, control or elimination meterotectricity, flaring):	asures included in project design (e.g., combustion to g	generate heat or
<ul> <li>Will the proposed action result in the release of air pollutar quarry or landfill operations?</li> <li>If Yes: Describe operations and nature of emissions (e.g., die</li> </ul>		∐Yes <b>∑</b> No
<ul> <li>j. Will the proposed action result in a substantial increase in new demand for transportation facilities or services?</li> <li>If Yes: <ul> <li><i>i</i>. When is the peak traffic expected (Check all that apply):</li> <li>Randomly between hours of to</li> <li><i>ii</i>. For commercial activities only, projected number of true</li> </ul> </li> </ul>	Morning Z Evening Weekend	✓Yes No
<ul> <li>iii. Parking spaces: Existing <u>0 spaces</u> P</li> <li>iv. Does the proposed action include any shared use parking</li> <li>v. If the proposed action includes any modification of exis</li> <li>Access to the route will be provided from NYS route 17K. Modification</li> <li>vi. Are public/private transportation service(s) or facilities at</li> <li>vii Will the proposed action include access to public transpo</li> <li>or other alternative fueled vehicles?</li> <li>viii. Will the proposed action include plans for pedestrian or</li> <li>pedestrian or bicycle routes?</li> </ul>	sting roads, creation of new roads or change in existing as to NYS Route 17K will be required to allow for access into the vailable within <sup>1</sup> / <sub>2</sub> mile of the proposed site? ortation or accommodations for use of hybrid, electric	Yes No access, describe:
<ul> <li>k. Will the proposed action (for commercial or industrial profor energy?</li> <li>If Yes: <ol> <li>Estimate annual electricity demand during operation of the 450 KW</li> </ol> </li> <li>ii. Anticipated sources/suppliers of electricity for the project other): <ul> <li>Grid/ local utility (Central Hudson Gas and Electric - Coldenham su</li> </ul> </li> </ul>	ne proposed action:	♥Yes No
<i>iii.</i> Will the proposed action require a new, or an upgrade, to		☐Yes <b>/</b> No
1. Hours of operation. Answer all items which apply.         i. During Construction:         • Monday - Friday:       7 am to 7 pm         • Saturday:       7 am to 7 pm         • Sunday:       Will comply with local regulations         • Holidays:       Will comply with local regulations	<ul> <li><i>ii.</i> During Operations:</li> <li>Monday - Friday: <u>24 hours</u></li> <li>Saturday: <u>24 hours</u></li> <li>Sunday: <u>24 hours</u></li> <li>Holidays: <u>24 hours</u></li> </ul>	

<ul> <li>m. Will the proposed action produce noise that will exceed existing ambient noise levels during construction, operation, or both?</li> <li>If yes: <ul> <li>i. Provide details including sources, time of day and duration:</li> </ul> </li> </ul>	☐ Yes <b>Ø</b> No
<i>ii</i> . Will the proposed action remove existing natural barriers that could act as a noise barrier or screen? Describe:	Yes No
<ul> <li>n. Will the proposed action have outdoor lighting?</li> <li>If yes:</li> <li><i>i</i>. Describe source(s), location(s), height of fixture(s), direction/aim, and proximity to nearest occupied structures:</li> <li>Full cut-off lighting will be installed to provide light along driveways, walkways and parking areas to ensure clear and safe circulati adverse impacts on surrounding areas. The lighting plan will be submitted with future submissions and will include standard pole-m</li> </ul>	Yes No
<ul> <li>Will proposed action remove existing natural barriers that could act as a light barrier or screen?</li> <li>Describe:</li></ul>	Yes No
<ul> <li>Does the proposed action have the potential to produce odors for more than one hour per day?</li> <li>If Yes, describe possible sources, potential frequency and duration of odor emissions, and proximity to nearest occupied structures:</li> </ul>	☐ Yes <b>Ø</b> No
<ul> <li>p. Will the proposed action include any bulk storage of petroleum (combined capacity of over 1,100 gallons) or chemical products 185 gallons in above ground storage or any amount in underground storage?</li> <li>If Yes: <ul> <li><i>i</i>. Product(s) to be stored</li> <li><i>ii</i>. Volume(s) per unit time (e.g., month, year)</li> </ul> </li> </ul>	Yes No
<ul> <li>q. Will the proposed action (commercial, industrial and recreational projects only) use pesticides (i.e., herbicides, insecticides) during construction or operation?</li> <li>If Yes: <ul> <li>i. Describe proposed treatment(s):</li> </ul> </li> </ul>	Yes No
<ul> <li><i>ii.</i> Will the proposed action use Integrated Pest Management Practices?</li> <li>r. Will the proposed action (commercial or industrial projects only) involve or require the management or disposal of solid waste (excluding hazardous materials)?</li> <li>If Yes: <ul> <li><i>i.</i> Describe any solid waste(s) to be generated during construction or operation of the facility:</li> <li>Construction: <u>Approximately 125</u> tons per <u>N/A</u> (unit of time)</li> <li>Operation : <u>Approximately 90</u> tons per <u>year</u> (unit of time)</li> <li><i>ii.</i> Describe any proposals for on-site minimization, recycling or reuse of materials to avoid disposal as solid waste</li> <li>Construction: On-site recycling will be provided and privately hauled to a recycling facility.</li> </ul> </li> </ul>	☐ Yes ☑No ☑ Yes ☐No
Operation:On-site recycling will be provided and privately hauled to a recycling facility.     iii. Proposed disposal methods/facilities for solid waste generated on-site:	
Construction: Solid waste will be handled by a private contractor.     Operation: Solid waste will be handled by a private contractor.	

s. Does the proposed action include construction or modification of a solid waste management facility?				
<ul> <li>If Yes:</li> <li><i>i</i>. Type of management or handling of waste proposed for the site (e.g., recycling or transfer station, composting, landfill, or other disposal activities):</li> </ul>				
<i>ii.</i> Anticipated rate of disposal/processing:				
• Tons/month, if transfer or other non-		ent, or		
• Tons/hour, if combustion or thermal <i>iii</i> . If landfill, anticipated site life:	treatment years			
t. Will the proposed action at the site involve the comme		storage or disposal of hazard		
waste?	forai generation, treatment,	storage, or disposar of hazarde		
If Yes:				
<i>i</i> . Name(s) of all hazardous wastes or constituents to be	e generated, handled or mai	haged at facility:		
<i>ii</i> . Generally describe processes or activities involving h	nazardous wastes or constit	uents:		
1 /				
<i>iii</i> . Specify amount to be handled or generatedt	ons/month			
iv. Describe any proposals for on-site minimization, rec	ycling or reuse of hazardou	is constituents:		
v. Will any hazardous wastes be disposed at an existing		cility?	<b>Yes</b> No	
If Yes: provide name and location of facility:				
If No: describe proposed management of any hazardous	wastes which will not be se	ent to a hazardous waste facility	y:	
4				
E. Site and Setting of Proposed Action				
E.1. Land uses on and surrounding the project site				
a. Existing land uses.				
i. Check all uses that occur on, adjoining and near the	project site.			
🔲 Urban 🗹 Industrial 🗹 Commercial 🗹 Resid	lential (suburban) 🗌 Ru			
Forest Agriculture Aquatic Other <i>ii.</i> If mix of uses, generally describe:	(specify): Stewart Internation	nal Airport, Army National Guard B	ase	
The general mix of uses is characterized by uses associated with	a transportation corridor inclu	ding transportation, industrial and d	commercial uses, with	
scattered residential uses.				
b. Land uses and covertypes on the project site.				
Land use or	Current	Acreage After	Change	
Covertype	Acreage	Project Completion	(Acres +/-)	
<ul> <li>Roads, buildings, and other paved or impervious surfaces</li> </ul>	0.55	±26	+25.45	
Forested	39.25	±13.15	-26.1	
Meadows, grasslands or brushlands (non-	17.0			
agricultural, including abandoned agricultural)	17.0	±17.65	+0.65	
Agricultural     (includes active exchange, field, grootheway, etc.)	0	0	0	
<ul><li>(includes active orchards, field, greenhouse etc.)</li><li>Surface water features</li></ul>		-		
(lakes, ponds, streams, rivers, etc.)	0	0	0	
• Wetlands (freshwater or tidal)	5.2	5.2	0	
• Non-vegetated (bare rock, earth or fill)	0	0	0	
• Other				
Describe:				

c. Is the project site presently used by members of the community for public recreation? <i>i</i> . If Yes: explain:	□ Yes INo
<ul> <li>d. Are there any facilities serving children, the elderly, people with disabilities (e.g., schools, hospitals, licensed day care centers, or group homes) within 1500 feet of the project site?</li> <li>If Yes,</li> </ul>	☐ Yes <b>⁄</b> No
<i>i</i> . Identify Facilities:	
e. Does the project site contain an existing dam? If Yes:	☐ Yes <b>∕</b> No
<i>i</i> . Dimensions of the dam and impoundment:	
Dam height:       feet	
<ul> <li>Dam length: feet</li> <li>Surface area: acres</li> </ul>	
<ul> <li><i>ii.</i> Dam's existing hazard classification:</li> <li><i>iii.</i> Provide date and summarize results of last inspection:</li> </ul>	
m. Provide date and summarize results of fast inspection;	
f. Has the project site ever been used as a municipal, commercial or industrial solid waste management facility, or does the project site adjoin property which is now, or was at one time, used as a solid waste management faci If Yes:	∐Yes <b>√</b> No lity?
<i>i</i> . Has the facility been formally closed?	Yes No
• If yes, cite sources/documentation:	
<i>ii.</i> Describe the location of the project site relative to the boundaries of the solid waste management facility:	
<i>iii</i> . Describe any development constraints due to the prior solid waste activities:	
g. Have hazardous wastes been generated, treated and/or disposed of at the site, or does the project site adjoin property which is now or was at one time used to commercially treat, store and/or dispose of hazardous waste? If Yes:	Yes No
<i>i</i> . Describe waste(s) handled and waste management activities, including approximate time when activities occurr	red:
<ul> <li>h. Potential contamination history. Has there been a reported spill at the proposed project site, or have any remedial actions been conducted at or adjacent to the proposed site?</li> <li>If Yes:</li> </ul>	Yes 🖌 No
<i>i</i> . Is any portion of the site listed on the NYSDEC Spills Incidents database or Environmental Site Remediation database? Check all that apply:	<b>Yes</b> No
Yes - Spills Incidents database       Provide DEC ID number(s):	
<ul> <li>Yes – Environmental Site Remediation database</li> <li>Provide DEC ID number(s):</li> </ul>	
<i>ii.</i> If site has been subject of RCRA corrective activities, describe control measures:	
<i>iii.</i> Is the project within 2000 feet of any site in the NYSDEC Environmental Site Remediation database? If yes, provide DEC ID number(s): <sup>336088</sup> , 336002, 336057	Ves No
iv. If yes to (i), (ii) or (iii) above, describe current status of site(s):	
Site code 336088 is Stewart International Airport (South of the Proposed Development), which was previously used as an Air National Gua film-forming form (AFFF), in which perfluorooctanesulfonic acid (PFOS) is a key ingredient, has been used over the years at the airport to p training exercises. PFOS was detected in groundwater, surface water and catch basins at the airport and in Lake Washington and its tribut	out out fires and in
Site code 336002 and 336057 are in reference to the F&T Darrigo site located at 84 Lakeside Road (750 North of the Proposed Development including spent cleaning solution from metal finishing, furniture stripping waste, battery waste containing lead, and septic waste were dispo- lagoons from 1948 to 1985. Remediation at the site is complete. Prior to remediation, the primary contaminants of concern were chromium and zinc in soil. Remedial actions have successfully achieved soil cleanup objectives for commercial use. Remaining contamination at the under a Site Management Plan.	sed of in the on-site

v. Is the project site subject to an institutional control limiting property uses?	☐ Yes <b>Z</b> No
If yes, DEC site ID number:	
<ul> <li>Describe the type of institutional control (e.g., deed restriction or easement):</li> <li>Describe any use limitations:</li> </ul>	
Describe any use dimitations:     Describe any engineering controls:	
• Will the project affect the institutional or engineering controls in place?	☐ Yes ☐ No
• Explain:	
E.2. Natural Resources On or Near Project Site	
a. What is the average depth to bedrock on the project site? 15 feet	
b. Are there bedrock outcroppings on the project site?	☐ Yes <b>∕</b> No
If Yes, what proportion of the site is comprised of bedrock outcroppings?%	
c. Predominant soil type(s) present on project site: ESB - Erie extremely stony soils	20 %
MdB - Mardin gravelly silt loam	20 %
SXC - Swartswood and Mardin soils	34 %
d. What is the average depth to the water table on the project site? Average:n/a feet * Groundy	water not encountered
e. Drainage status of project site soils: Well Drained: 0 % of site	
✓ Moderately Well Drained: 100 % of site	
Poorly Drained 0% of site	
f. Approximate proportion of proposed action site with slopes: 0-10%:	
10-15%: ±2++ % of site	
$\Box$ 15% or greater: $\pm 4 = \%$ of site	
g. Are there any unique geologic features on the project site?	☐ Yes ✔ No
If Yes, describe:	
h. Surface water features. *See note at bottom of page	
<i>i</i> . Does any portion of the project site contain wetlands or other waterbodies (including streams, rivers,	✓Yes No
ponds or lakes)? <i>ii.</i> Do any wetlands or other waterbodies adjoin the project site?	<b>✓</b> Yes No
If Yes to either <i>i</i> or <i>ii</i> , continue. If No, skip to E.2.i.	
<i>iii.</i> Are any of the wetlands or waterbodies within or adjoining the project site regulated by any federal,	<b>✓</b> Yes <b>□</b> No
state or local agency?	
<i>iv.</i> For each identified regulated wetland and waterbody on the project site, provide the following informat Streams: Name 862-136 Classification C	
Lakes or Ponds: Name n/a	
• Wetlands: Name Federal Waters, Federal Waters, Federal Waters, Approximate Si	ze
• Wetland No. (if regulated by DEC) n/a	
v. Are any of the above water bodies listed in the most recent compilation of NYS water quality-impaired	Yes 🖌 No
waterbodies? If yes, name of impaired water body/bodies and basis for listing as impaired:	
i. Is the project site in a designated Floodway?	Yes No
j. Is the project site in the 100-year Floodplain?	<b>√</b> Yes No
k. Is the project site in the 500-year Floodplain?	Yes <b>N</b> No
1. Is the project site located over, or immediately adjoining, a primary, principal or sole source aquifer?	∐Yes <b>∑</b> No
If Yes:	
i. Name of aquifer:	

\* Section E.2.h is automatically filled out through the NYSDEC EAF Mapper Generator. A wetland delineation is in the process of being complete. The proposed development shall not disturb any existing on-site wetlands. Any existing on-site wetlands will be protected during construction. Page 11 of 13

m. Identify the predominant wildlife species	that a communication that must at aited		
white-tailed deer		wild turkey	
eastern cottontail	grey squirrel chipmunk	wild turkey	
various songbirds n. Does the project site contain a designated s	groundhog		
If Yes:	agnificant natural community?		✓Yes No
<i>i</i> . Describe the habitat/community (compos Red Maple-Hardwood Swamp	ition, function, and basis for designation	ı):	
<i>ii.</i> Source(s) of description or evaluation: $\mathbf{R}$	egulatory map: NYSDEC EAF Mapper Gener	ator	
<i>iii</i> . Extent of community/habitat:	1460.0		
• Currently:		acres	
• Following completion of project as project	proposed: a	acres	
• Gain or loss (indicate + or -):		acres	
<ul> <li>o. Does project site contain any species of pla endangered or threatened, or does it contain If Yes:</li> <li><i>i.</i> Species and listing (endangered or threatened Indiana Bat, Upland Sandpiper</li> </ul>	any areas identified as habitat for an er	idangered or threatened spec	☑ Yes□No ies?
p. Does the project site contain any species o	f plant or animal that is listed by NYS a	s rare, or as a species of	☐ Yes <b>7</b> No
special concern?			
If Yes:			
<i>i</i> , Species and listing:			
q. Is the project site or adjoining area current If yes, give a brief description of how the pro	y used for hunting, trapping, fishing or a posed action may affect that use:	shell fishing?	☐Yes <b>⁄</b> No
E.3. Designated Public Resources On or N	ear Project Site		
a. Is the project site, or any portion of it, local Agriculture and Markets Law, Article 25-4 If Yes, provide county plus district name/nur	AA, Section 303 and 304?	ertified pursuant to	□Yes <b>Z</b> No
b. Are agricultural lands consisting of highly	productive soils present?		Yes No
<i>i</i> . If Yes: acreage(s) on project site?	productive bond precent.		105 100
<i>ii.</i> Source(s) of soil rating(s):			
c. Does the project site contain all or part of, Natural Landmark?	or is it substantially contiguous to, a reg	gistered National	<b>∐</b> Yes <b>∕</b> No
If Yes:			
	Biological Community	ogical Feature pproximate size/extent:	
<i>ii.</i> Basis for designation:			□Yes <b>☑</b> No
iii. Designating agency and date:			

\* Section E.2.n is automatically filled out through the NYSDEC EAF Mapper Generator, which looks at significant natural communities, as well as a 1/2 mile buffer. The significant natural community that was flagged through the EAF Generator, is the Red Maple-Hardwood Swamp, which is located 1,000 ft North of the project site (North of I-84). There are no significant natural communities located within the project site.

<ul> <li>e. Does the project site contain, or is it substantially contiguous to, a building, archaeological site, or district which is listed on the National or State Register of Historic Places, or that has been determined by the Commissi Office of Parks, Recreation and Historic Preservation to be eligible for listing on the State Register of Historic Places.</li> <li><i>i</i>. Nature of historic/archaeological resource: Archaeological Site Historic Building or District <i>ii</i>. Name:</li> <li><i>iii</i>. Brief description of attributes on which listing is based:</li> </ul>	
f. Is the project site, or any portion of it, located in or adjacent to an area designated as sensitive for archaeological sites on the NY State Historic Preservation Office (SHPO) archaeological site inventory? * See n bottom	✓Yes ☐No ote at the of the page
<ul> <li>g. Have additional archaeological or historic site(s) or resources been identified on the project site?</li> <li>If Yes: <ul> <li><i>i</i>. Describe possible resource(s):</li> <li><i>ii</i>. Basis for identification:</li> </ul> </li> </ul>	☐ Yes <b>Ø</b> No
<ul> <li>h. Is the project site within fives miles of any officially designated and publicly accessible federal, state, or local scenic or aesthetic resource?</li> <li>If Yes: <ul> <li>i. Identify resource: Stewart State Forest; Newburgh-Beacon Bridge/Hudson River</li> </ul> </li> </ul>	<b>₽</b> Yes <b>N</b> o
<i>ii.</i> Nature of, or basis for, designation (e.g., established highway overlook, state or local park, state historic trail or etc.): State forest land; State Scenic Road	r scenic byway,
iii. Distance between project and resource: <u>3-6</u> miles.	
<ul> <li>i. Is the project site located within a designated river corridor under the Wild, Scenic and Recreational Rivers Program 6 NYCRR 666?</li> <li>If Yes:</li> <li>Identify the name of the river and its designation.</li> </ul>	🗌 Yes 🗹 No
<i>i</i> . Identify the name of the river and its designation:	Yes No
* Section E.3.f is automatically filled out through the NYSDEC EAF Mapper Generator. SHPO identifies a archaeological sensitive area surrounding the adjacent Newburgh Toyota property.	an isolated ———

#### F. Additional Information

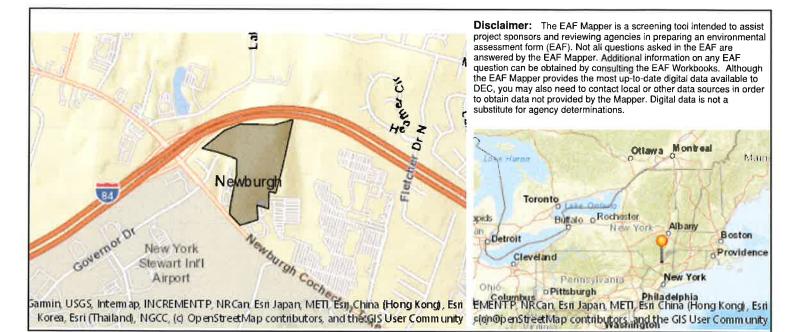
Attach any additional information which may be needed to clarify your project.

If you have identified any adverse impacts which could be associated with your proposal, please describe those impacts plus any measures which you propose to avoid or minimize them.

#### G. Verification

I certify that the information provided is true to the best of my knowledge.

Applicant/Sponsor Name Matrix Newburgh Route 17K Development, LLC	Date July 7, 2023
Signature	Title Senoir Associate - Project Engineer



B.i.i [Coastal or Waterfront Area]	No
B.i.ii [Local Waterfront Revitalization Area]	No
C.2.b. [Special Planning District]	Digital mapping data are not available or are incomplete. Refer to EAF Workbook.
E.1.h [DEC Spills or Remediation Site - Potential Contamination History]	Digital mapping data are not available or are incomplete. Refer to EAF Workbook.
E.1.h.i [DEC Spills or Remediation Site - Listed]	Digital mapping data are not available or are incomplete. Refer to EAF Workbook.
E.1.h.i [DEC Spills or Remediation Site - Environmental Site Remediation Database]	Digital mapping data are not available or are incomplete. Refer to EAF Workbook.
E.1.h.iii [Within 2,000' of DEC Remediation Site]	Yes
E.1.h.iii [Within 2,000' of DEC Remediation Site - DEC ID]	336088, 336002, 336057
E.2.g [Unique Geologic Features]	No
E.2.h.i [Surface Water Features]	Yes
E.2.h.ii [Surface Water Features]	Yes
E.2.h.iii [Surface Water Features]	Yes - Digital mapping information on local and federal wetlands and waterbodies is known to be incomplete. Refer to EAF Workbook.
E.2.h.iv [Surface Water Features - Stream Name]	862-136
E.2.h.iv [Surface Water Features - Stream Classification]	С
E.2.h.iv [Surface Water Features - Wetlands Name]	Federal Waters
E.2.h.v [Impaired Water Bodies]	No
E.2.i. [Floodway]	No

L.2.j. [100 16a 11000plain]	100
E.2.k. [500 Year Floodplain]	No
E.2.I. [Aquifers]	No
E.2.n. [Natural Communities]	Yes
E.2.n.i [Natural Communities - Name]	Red Maple-Hardwood Swamp
E.2.n.i [Natural Communities - Acres]	1460.0
E.2.o. [Endangered or Threatened Species]	Yes
E.2.o. [Endangered or Threatened Species - Name]	Indiana Bat, Upland Sandpiper
E.2.p. [Rare Plants or Animals]	No
E.3.a. [Agricultural District]	No
E.3.c. [National Natural Landmark]	No
E.3.d [Critical Environmental Area]	No
E.3.e. [National or State Register of Historic Places or State Eligible Sites]	Digital mapping data are not available or are incomplete. Refer to EAF Workbook.
E.3.f. [Archeological Sites]	Yes
E.3.i. [Designated River Corridor]	No