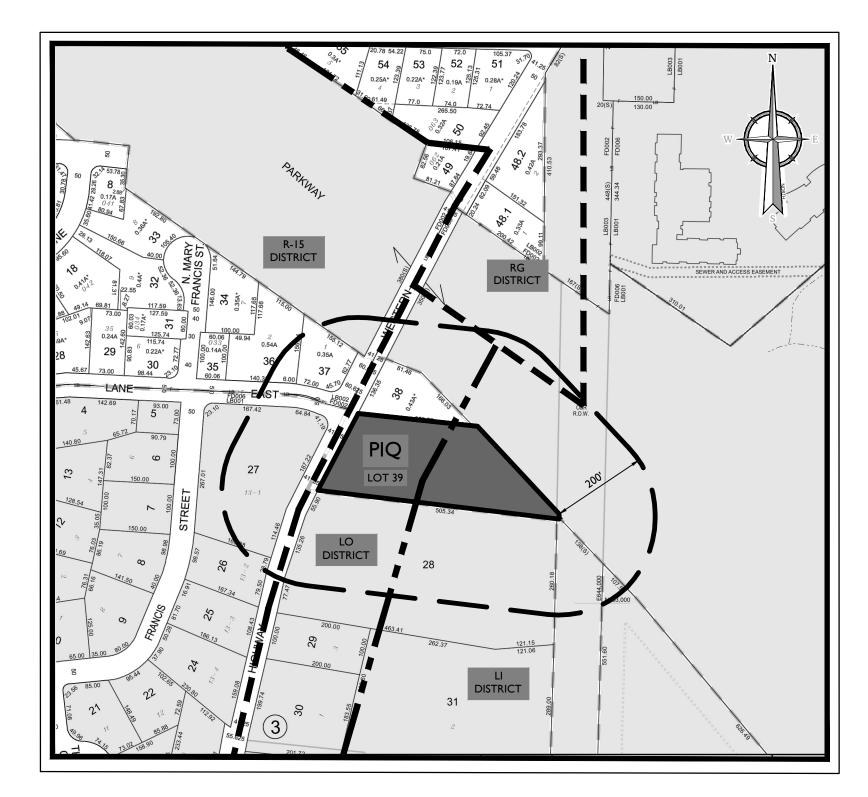
PRELIMINARY SITE PLAN

FOR

WESTERN HIGHWAY ENTERPRISES, LLC PROPOSED INDUSTRIAL REDEVELOPMENT

425 WESTERN HIGHWAY
SECTION 74.14, BLOCK 2, LOT 39
HAMLET OF TAPPAN, TOWN OF ORANGETOWN
ROCKLAND COUNTY, NEW YORK

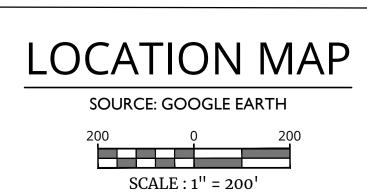
ECTION	BLOCK	LOT NO.	OWNER'S NAME/ADDRESS
74.14 2 34		34	BAI HAO CHEN
			8 NO MARY FRANCIS ST, ORANGEBURG, NY 10962
74.14	2	35	TOM BROSNAN
			17 W LOWE LN, ORANGEBURG, NY 10962
74.14	2	36	RICHARD F HOLIHAN
			19 W LOWE LN, ORANGEBURG, NY 10962
74.14	2	37	EDMUNDO TORRES
			21 W LOW LN, ORANGEBURG, NY 10962
74.14	2	38	THOMAS HOGAN
			429 WESTERN HWY, TAPPAN, NY 10983
74.14	2	39	WESTERN HIGHWAY ENTERPRISES
			425 WESTERN HWY, TAPPAN, NY 10983
74.14	3	48.1	YOLANDA GUZMAN
			445 WESTERN HWY, ORANGEBURG, NY 10983
74.18	3	5	HELMONT H GARCIA
			2 S MARY FRANCIS ST, TAPPAN, NY 10983
74.18	3	25	ERLINDO ACOSTA
			27 S MARY FRANCIS ST, TAPPAN, NY 10983
74.18	3	26	JOCOB GEORGE
			17 SO MARY FRANCIS ST. TAPPAN, NY 10983
74.18	3	27	ST PETERS & ST PAULS ORTHODOX
			P.O. BOX 112, TAPPAN, NY 10983
74.18	3	28	J & D PROPERTIES OF NY INC
			5 PHYLLIS DR, MONTVALE, NJ 07645
74.18	3	29	401 WESTERN HIGHWAY LLC, M&M MASONS INC
			107 SPRING ST, RAMSEY, NJ 07446
74.18	3	31	401 WESTERN HWY LLC
			1080 RAMAPO VALLEY RD, MAHWAH, NJ 07430



TAX AND ZONING MAP

SOURCE: ROCKLAND GIS





INDEX OF SHEETS						
SHT. No.	DESCRIPTION	LATEST REVISION				
I	COVER SHEET	8/25/2023				
2	DEMOLITION PLAN	8/25/2023				
3	LAYOUT PLAN	8/25/2023				
4	GRADING DRAINAGE & UTILITY PLAN	8/25/2023				
5	LANDSCAPE PLAN	8/25/2023				
6	LIGHTING PLAN	8/25/2023				
7	SOIL EROSION & SEDIMENT CONTROL PLAN	8/25/2023				
8	CONSTRUCTION DETAILS	8/25/2023				
9	CONSTRUCTION DETAILS	8/25/2023				
10	CONSTRUCTION DETAILS	8/25/2023				
П	CONSTRUCTION DETAILS	8/25/2023				
I OF 2	FIRE TRUCK MOVEMENT EXHIBIT	8/25/2023				
2 OF 2	TRUCK MOVEMENT EXHIBIT	8/25/2023				

PREPARED BY:

COLLIERS ENGINEERING & DESIGN, CT, P.C. 50 CHESTNUT RIDGE ROAD, SUITE 101 MONTVALE, NJ 07645

	TH THE SUBMISSION.	
OWNER	DATE	
APPROVED BY THE PLANNING BOA REGULAR MEETING OF DATE		
CHAIRMAN	DATE	

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and a whom	Copyright © 2023. Colliers Engineering & Design All Rights Reserved. This drawing and all the information contained herein is authorized for use only by the party for whom the services were contracted or to whom it is certified. This drawing may not be copied, reused, disclosed, distributed or relied upon for any other purpose without the express written consent of Colliers Engineering & Design.									
Do	Doing Business as Company Comp									
C	PROTECT YOURSELF ALL STATES REQUIRE NOTIFICATION OF EXCAVATORS, DESIGNERS, OR ANY PERSON PREPARING TO DISTURB THE EARTH'S SURFACE ANYWHERE IN ANY STATE Know what's Delow. Call before you dig. FOR STATE SPECIFIC DIRECT PHONE NUMBERS VISIT: WWW.CALL811.COM									
DESCRIPTION	REVISED PER PRC/PLANNING BOARD COMMENTS									
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DATE	08/25/23	٠	٠						٠	·
REV	-								٠	

Jesse Barrett Cokeley

NEW YORK LICENSED PROFESSIONAL ENGINEE

LICENSE NUMBER: 090987-1

COLLIERS ENGINEERING & DESIGN CT, P.C.

N.Y. C.O.A #: 0017609

PRELIMINARY SITE PLAN

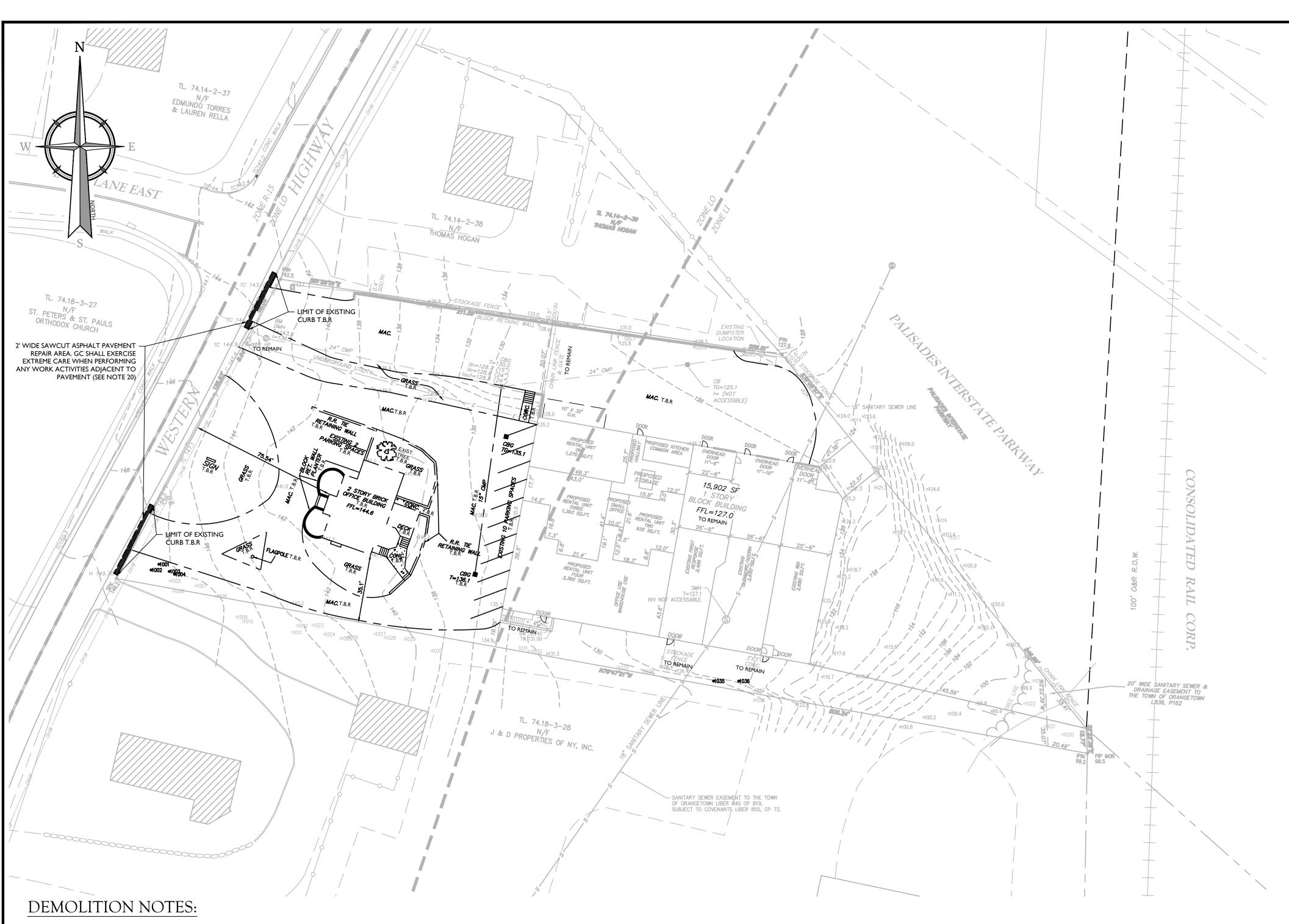
WESTERN HIGHWAY ENTERPRISES LLC

> SECTION 74.14 BLOCK 2 LOT 39

HAMLET OF TAPPAN TOWN OF ORANGETOWN ROCKLAND COUNTY NEW YORK

Colli	ers	5	MONTVALE 50 Chestnut Ridge Road, Suite 101 Montvale, NJ 07645			
Enginee & Des	852.0411 & DESIGN CT, P.C. SER CONSULTING ID SURVEYING					
SCALE: AS SHOWN	DATE: 08/2	24/23	DRAWN BY:	CHECKED BY: JBC		
PROJECT NUMBE 21006649		DRAWING NAME: C-CVER				
COVER SHEET						

NOTE: DO NOT SCALE DRAWINGS FOR CONSTRUCTION



- THIS PLAN REFERENCES THE FOLLOWING DOCUMENTS AND INFORMATION:
- A. BOUNDARY AND TOPOGRAPHIC SURVEY INFORMATION SHOWN HEREON IS TAKEN FROM A PLAN ENTITLED "COMMERCIAL SUBDIVISION & SITE PLAN", SHEET I OF I, DATED MARCH 25, 2019, PREPARED BY ATZL, NASHER & ZIGLER P.C., P.L.S. LIC. NO. 50228 OF N.Y.S.
- CONTRACTOR SHALL PERFORM ALL WORK IN ACCORDANCE WITH THE REQUIREMENTS OF THE OCCUPATIONAL SAFETY AND HEALTH ACT OF 1970 (29 U.S.C. 651 et seq.) AND THE NEW YORK PROTECTION OF UNDERGROUND FACILITY ACT (DIG SAFE LAW, 16 NYCRR PART 753)
- THE DEMOLITION PLAN IS INTENDED TO PROVIDE GENERAL INFORMATION REGARDING ITEMS TO BE DEMOLISHED AND/OR REMOVED. THE CONTRACTOR SHALL ALSO REVIEW THE OTHER SITE PLAN DRAWINGS AND INCLUDE IN DEMOLITION ACTIVITIES ALL INCIDENTAL WORK NECESSARY FOR THE CONSTRUCTION OF THE NEW SITE IMPROVEMENTS.
- ALL DEMOLITION ACTIVITIES ARE TO BE PERFORMED IN ACCORDANCE WITH THE REQUIREMENTS OF THESE PLANS AND SPECIFICATIONS AND ALL APPLICABLE FEDERAL, STATE AND LOCAL REGULATIONS, ANY QUESTIONS CONCERNING THE ACCURACY OR INTENT OF THESE PLANS OR SPECIFICATIONS, CONCERNS REGARDING THE APPLICABLE SAFETY STANDARDS OR THE SAFETY OF THE CONTRACTOR OR THIRD PARTIES IN PERFORMING THE WORK OF THIS PROJECT SHALL BE RAISED WITH ENGINEER, IN WRITING AND RESPONDED
- TO BY ENGINEER, IN WRITING, PRIOR TO THE INITIATION OF ANY SITE ACTIVITY. PRIOR TO STARTING ANY DEMOLITION, CONTRACTOR IS RESPONSIBLE FOR/TO:
- A. OBTAINING ALL REQUIRED PERMITS AND MAINTAINING THE SAME ON SITE FOR REVIEW BY THE ENGINEER AND OTHER PUBLIC AGENCIES HAVING JURISDICTION.
- B. NOTIFYING, AT A MINIMUM, THE MUNICIPAL ENGINEER, DESIGN ENGINEER, AND LOCAL DEPARTMENT OF PUBLIC WORKS, 72 HOURS PRIOR TO START OF WORK.
- C. INSTALLING THE REQUIRED SOIL EROSION AND SEDIMENT CONTROL MEASURES PRIOR TO SITE DISTURBANCE.
- D. IN ACCORDANCE WITH STATE LAW, THE CONTRACTOR SHALL BE REQUIRED TO CALL THE BOARD OF PUBLIC UTILITIES ONE CALL DAMAGE PROTECTION SYSTEM FOR UTILITY
- MARK OUT IN ADVANCE OF ANY EXCAVATION. E. LOCATING AND PROTECTING ALL UTILITIES AND SERVICES, INCLUDING BUT NOT LIMITED TO GAS, WATER, ELECTRIC, SANITARY AND STORM SEWER, TELEPHONE, CABLE, FIBER OPTIC CABLE, ETC. WITHIN AND ADJACENT TO THE LIMITS OF PROJECT ACTIVITIES. THE CONTRACTOR SHALL USE AND COMPLY WITH THE REQUIREMENTS OF THE APPLICABLE
- PROTECTING AND MAINTAINING IN OPERATION, ALL ACTIVE UTILITIES AND SYSTEMS THAT ARE NOT BEING REMOVED DURING ALL DEMOLITION ACTIVITIES.

UTILITY NOTIFICATION SYSTEM TO LOCATE ALL THE UNDERGROUND UTILITIES.

G. ARRANGING FOR AND COORDINATING WITH THE APPLICABLE UTILITY SERVICE PROVIDER(S) FOR THE TEMPORARY OR PERMANENT TERMINATION OF SERVICE REQUIRED BY THE PROJECT PLANS AND SPECIFICATIONS. THE CONTRACTOR SHALL PROVIDE THE UTILITY ENGINEER AND OWNER WRITTEN NOTIFICATION THAT THE EXISTING UTILITIES AND SERVICES HAVE BEEN TERMINATED AND ABANDONED IN ACCORDANCE WITH JURISDICTIONAL AND UTILITY COMPANY REQUIREMENTS.

- OR ON WEEKENDS AS MAY BE REQUIRED TO MINIMIZE THE IMPACT ON THE AFFECTED PARTIES. WORK REQUIRED TO BE DONE "OFF-PEAK" SHALL BE DONE AT NO ADDITIONAL
- I. IN THE EVENT THE CONTRACTOR DISCOVERS ANY HAZARDOUS MATERIAL, THE REMOVAL OF WHICH IS NOT ADDRESSED IN THE PROJECT PLANS AND SPECIFICATIONS, THE CONTRACTOR SHALL IMMEDIATELY CEASE ALL WORK AND NOTIFY THE OWNER AND ENGINEER OF THE DISCOVERY OF SUCH MATERIALS.
- 6. THE FIRM OR ENGINEER OF RECORD IS NOT RESPONSIBLE FOR JOB SITE SAFETY OR SUPERVISION. CONTRACTOR IS TO PROCEED WITH THE DEMOLITION IN A SYSTEMATIC AND 15. CONTRACTOR IS RESPONSIBLE TO SAFEGUARD SITE AS NECESSARY TO PERFORM THE SAFE MANNER, FOLLOWING ALL THE OSHA REQUIREMENTS TO ENSURE PUBLIC AND CONTRACTOR SAFETY.
- PREVENT MOVEMENT, SETTLEMENT, OR COLLAPSE OF EXISTING STRUCTURES, AND ANY OTHER IMPROVEMENTS THAT ARE REMAINING ON OR OFF SITE. THE CONTRACTOR IS RESPONSIBLE FOR ALL REPAIRS OF DAMAGE TO ALL ITEMS THAT ARE TO REMAIN. ALL REPAIRS SHALL USE NEW MATERIAL. THE REPAIRS SHALL RESTORE THE ITEM TO THE
- 8. THE CONTRACTOR SHALL NOT PERFORM ANY EARTH MOVEMENT ACTIVITIES, DEMOLITION OR REMOVAL OF FOUNDATION WALLS, FOOTINGS, OR OTHER MATERIALS WITHIN THE LIMITS OF DISTURBANCE UNLESS IT IS IN STRICT ACCORDANCE WITH THE PROJECT PLANS AND SPECIFICATIONS, AND/OR UNDER THE WRITTEN DIRECTION OF THE OWNER'S STRUCTURAL OR GEOTECHNICAL ENGINEER.
- CONTRACTOR SHALL BACKFILL ALL EXCAVATION RESULTING FROM, OR INCIDENTAL TO, DEMOLITION ACTIVITIES. BACKFILL SHALL BE ACCOMPLISHED WITH APPROVED BACKFILL MATERIALS, AND SHALL BE SUFFICIENTLY COMPACTED TO SUPPORT NEW IMPROVEMENTS AND IN COMPLIANCE WITH THE RECOMMENDATIONS IN THE GEOTECHNICAL REPORT. BACKFILLING SHALL OCCUR IMMEDIATELY AFTER DEMOLITION ACTIVITIES. AND SHALL BE DONE SO AS TO PREVENT WATER ENTERING THE EXCAVATION. FINISHED SURFACES SHALL 19. CONTRACTOR SHALL MAINTAIN A RECORD SET OF PLANS UPON WHICH IS INDICATED THE BE GRADED TO PROMOTE POSITIVE DRAINAGE.
- 10. EXPLOSIVES SHALL NOT BE USED WITHOUT PRIOR WRITTEN CONSENT OF BOTH THE OWNER AND ALL APPLICABLE GOVERNMENTAL AUTHORITIES. ALL THE REQUIRED PERMITS AND EXPLOSIVE CONTROL MEASURES THAT ARE REQUIRED BY THE FEDERAL, STATE AND THE CONTRACTOR IS ALSO RESPONSIBLE FOR ALL INSPECTION AND SEISMIC VIBRATION TESTING THAT IS REQUIRED TO MONITOR THE EFFECTS ON ALL LOCAL STRUCTURES.
- II. CONTRACTOR SHALL PROVIDE TRAFFIC CONTROL AND GENERALLY ACCEPTED SAFE PRACTICES IN CONFORMANCE WITH THE CURRENT FHWA "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES" (MUTCD), AS WELL AS FEDERAL, STATE AND LOCAL REGULATIONS WHEN DEMOLITION RELATED ACTIVITIES IMPACT ROADWAYS OR ROADWAY 21. ALL UTILITIES, INCLUDING ELECTRIC AND TELEPHONE SERVICE, SHALL BE INSTALLED RIGHT-OF-WAY.
- 12. CONTRACTOR SHALL CONDUCT DEMOLITION ACTIVITIES IN SUCH A MANNER TO ENSURE MINIMUM INTERFERENCE WITH ROADS, STREETS, SIDEWALKS, WALKWAYS, AND OTHER ADJACENT FACILITIES. STREET CLOSURE PERMITS MUST BE RECEIVED FROM THE APPROPRIATE GOVERNMENTAL AUTHORITY PRIOR TO THE COMMENCEMENT OF ANY ROAD OPENING OR DEMOLITION ACTIVITIES IN OR ADJACENT TO THE RIGHT-OF-WAY.

- H. COORDINATION WITH UTILITY COMPANIES REGARDING WORKING "OFF-PEAK" HOURS 13. DEMOLITION ACTIVITIES AND EQUIPMENT SHALL NOT USE AREAS OUTSIDE THE DEFINED PROJECT LIMIT LINE, WITHOUT WRITTEN PERMISSION OF THE OWNER AND ALL GOVERNMENTAL AGENCIES HAVING JURISDICTION.
 - 14. THE CONTRACTOR SHALL USE DUST CONTROL MEASURES TO LIMIT AIRBORNE DUST AND DIRT RISING AND SCATTERING IN THE AIR IN ACCORDANCE WITH FEDERAL, STATE, AND/OR LOCAL STANDARDS. AFTER THE DEMOLITION IS COMPLETE, ADJACENT STRUCTURES AND IMPROVEMENTS SHALL BE CLEANED OF ALL DUST AND DEBRIS CAUSED BY THE DEMOLITION OPERATIONS. THE CONTRACTOR IS RESPONSIBLE FOR RETURNING ALL ADJACENT AREAS TO THEIR "PRE-DEMOLITION" CONDITION.
 - DEMOLITION IN SUCH A MANNER AS TO PREVENT THE ENTRY OF UNAUTHORIZED PERSONS
- THE CONTRACTOR SHALL PROVIDE ALL THE "MEANS AND METHODS" NECESSARY TO 16. CONTRACTOR IS RESPONSIBLE FOR SITE JOB SAFETY, WHICH SHALL INCLUDE BUT NOT LIMITED TO THE INSTALLATION AND MAINTENANCE OF BARRIERS, FENCING AND OTHER APPROPRIATE SAFETY ITEMS NECESSARY TO PROTECT THE PUBLIC FROM AREAS OF

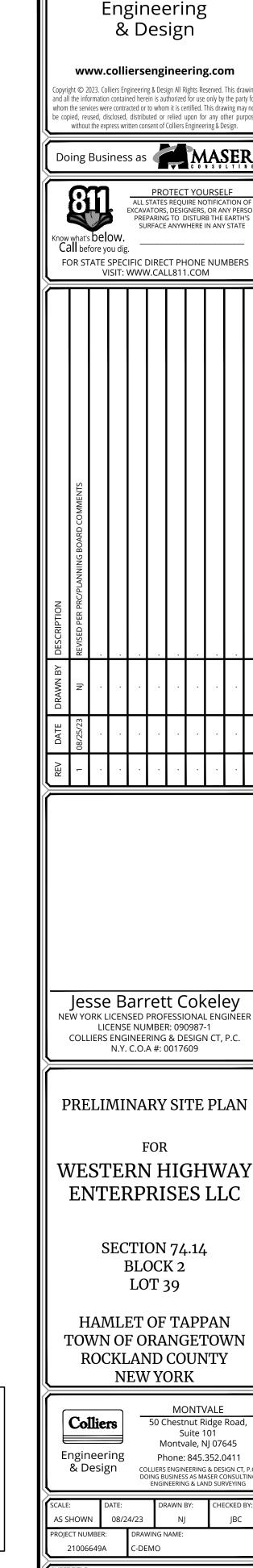
CONSTRUCTION AND CONSTRUCTION ACTIVITY.

- PRE-DEMOLITION CONDITION. SUCH REPAIRS SHALL BE PERFORMED AT THE CONTRACTOR'S 17. THIS DEMOLITION PLAN IS INTENDED TO IDENTIFY THOSE EXISTING ITEMS/CONDITIONS WHICH ARE TO BE REMOVED. IT IS NOT INTENDED TO PROVIDE DIRECTION AS TO THE MEANS AND METHODS TO BE USED TO ACCOMPLISH THAT WORK, ALL MEANS AND METHODS UTILIZED ARE TO BE IN STRICT ACCORDANCE WITH ALL STATE, FEDERAL, LOCAL, AND JURISDICTIONAL REQUIREMENTS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COMPLYING WITH ALL OSHA AND OTHER SAFETY PRECAUTIONS NECESSARY TO PROVIDE A
 - 18. DEBRIS SHALL NOT BE BURIED ON THE SUBJECT SITE. ALL DEMOLITION WASTES AND DEBRIS (SOLID WASTE) SHALL BE DISPOSED OF IN ACCORDANCE WITH ALL MUNICIPAL, COUNTY, STATE, AND FEDERAL LAWS AND APPLICABLE CODES. THE CONTRACTOR SHALL MAINTAIN RECORDS TO DEMONSTRATE PROPER DISPOSAL ACTIVITIES, TO BE PROVIDED TO THE OWNER UPON REQUEST.
 - LOCATION OF EXISTING UTILITIES THAT ARE CAPPED, ABANDONED IN PLACE, OR relocated due to demolition activities. This record document shall be PREPARED IN A NEAT AND WORKMAN-LIKE MANNER, AND TURNED OVER TO THE OWNER/DEVELOPER UPON COMPLETION OF THE WORK.
- LOCAL GOVERNMENTS SHALL BE IN PLACE PRIOR TO STARTING AN EXPLOSIVE PROGRAM. 20. GENERAL CONTRACTOR IS RESPONSIBLE FOR TAKING THE APPROPRIATE MEASURES TO ENSURE THE STRUCTURAL STABILITY OF SIDEWALKS, PAVEMENT, DRAINAGE STRUCTURES, ETC. WHICH ARE TO REMAIN. GENERAL CONTRACTOR WILL BE RESPONSIBLE FOR REPAIRING damage done to the aforementioned items. The repair shall restore such to a CONDITION EQUIVALENT TO OR BETTER THAN THE EXISTING CONDITIONS AND IN ACCORDANCE WITH ALL APPLICABLE CODES.
 - UNDERGROUND.

LEGEND = SAWCUT ASPHALT PAVEMENT REPAIR AREA --- = ITEMS TO BE REMOVED = ITEMS TO REMAIN T.B.R. = TO BE REMOVED

SCALE: 1" = 30'

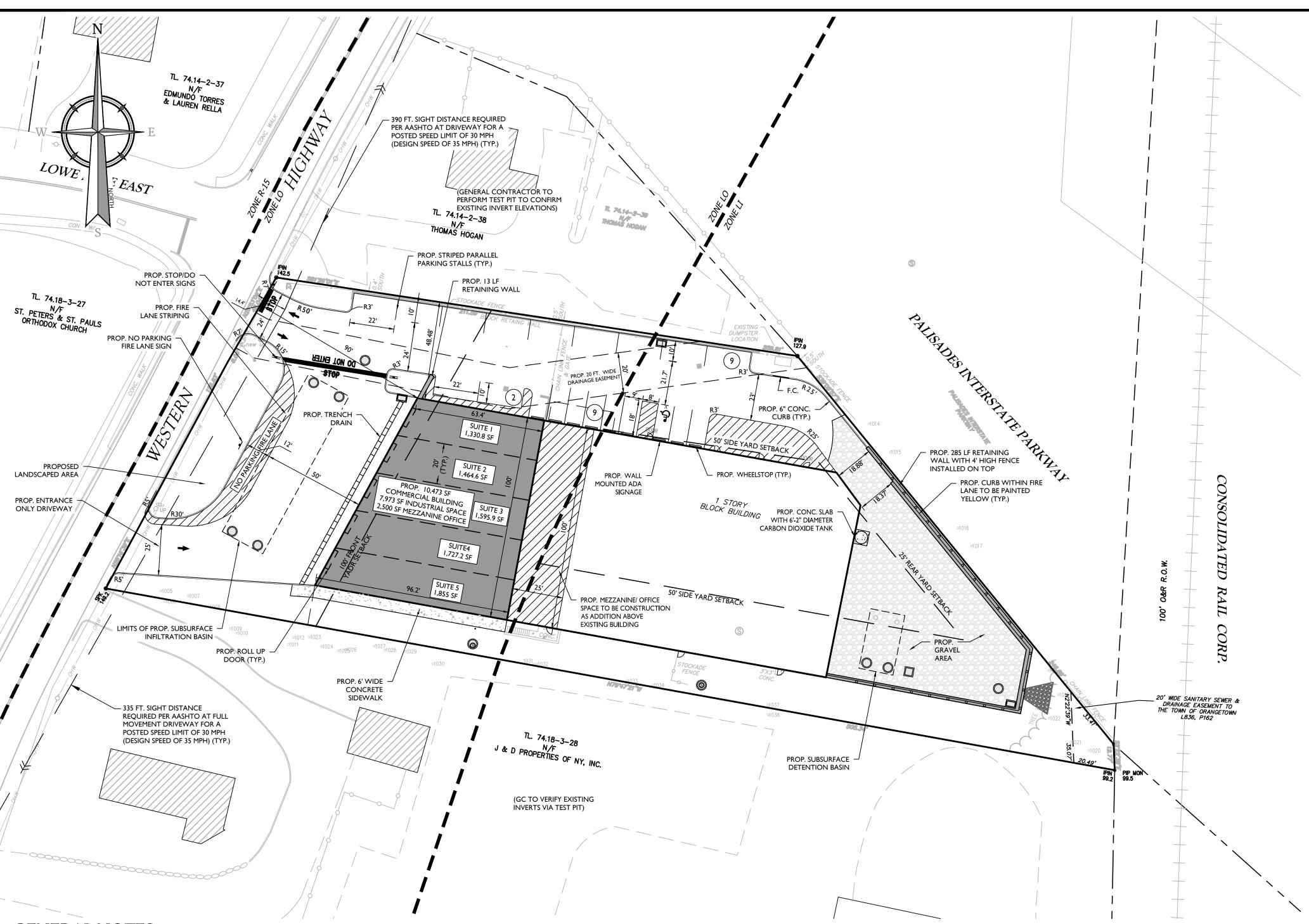
WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED, SOIL SHALL NOT BE EXPOSED MORE THAN SEVEN (7) DAYS. CONTRACTOR SHALL INITIATE STABILIZATION MEASURES IN ACCORDANCE WITH THE SOIL EROSION & SEDIMENT CONTROL



Colliers

DEMOLITION PLAN

of



GENERAL NOTES

- THE SUBJECT PROPERTY IS KNOWN AS TAX LOT 74.14 BLOCK 2 LOT 39 ON THE ONLINE GIS MAP OF THE TOWN OF ORANGETOWN, ROCKLAND COUNTY.
- THE PROPERTY IS LOCATED IN THE LABORATORY OFFICE (LO) AND LIGHT INDUSTRIAL (LI) ZONING DISTRICTS AND CONTAINS A TOTAL TRACT AREA OF 66,132 SF, 1.52 ACRES.
- OWNER/APPLICANT: WESTERN HIGHWAY ENTERPRISES, LLC 425 WESTERN HIGHWAY, SUITE #2 TAPPAN, NY 10983
- 845-398-2244 **ENGINEER:**
- COLLIERS ENGINEERING & DESIGN CT, P.C. 50 CHESTNUT RIDGE ROAD
- MONTVALE, NJ 07645
- 4. THE SUBJECT PROPERTY CURRENTLY CONTAINS TWO I STORY BUILDINGS WITH PARKING AND TYPICAL SITE APPURTENANCES. THE APPLICANT PROPOSES TO DEMOLISH ONE BUILDING ON SITE WITHIN THE FRONT YARD OF THE SITE AND EXPAND UPON THE EXISTING BUILDING TO THE REAR OF THE PROPERTY WITH AN APPROXIMATE 7,973 SF FOOTPRINT WITH AN ADDITIONAL 2,500 SF MEZZANINE OFFICE TO BE INSTALLED ON TOP OF THE EXISTING STRUCTURE. ADDITIONAL SITE APPURTENANCES SUCH AS PARKING, LANDSCAPING, AND LIGHTING ARE ALSO PROPOSED.
- PROPOSED USE: BUSINESS AND PROFESSIONAL OFFICES ARE PERMITTED BY RIGHT WITHIN BOTH THE LI AN LO DISTRICTS WAREHOUSE ARE PERMITTED BY RIGHT WITHIN THE LI DISTRICT BUT NOT THE LO DISTRICT. (ENC)

BOUNDARY AND TOPOGRAPHIC SURVEY INFORMATION SHOWN HEREON IS TAKEN FROM

- A PLAN ENTITLED "COMMERCIAL SUBDIVISION & SITE PLAN", SHEET I OF I, DATED MARCH 25, 2019, PREPARED BY ATZL, NASHER & ZIGLER P.C., P.L.S. LIC. NO. 50228 OF N.Y.S.
- THE HORIZONTAL AND VERTICAL DATUM IS RELATIVE TO THE NEW YORK STATE PLANE COORDINATE SYSTEM EAST ZONE AND ADJUSTED TO NAD 1927.
- NO FRESHWATER WETLANDS ARE KNOWN TO EXIST ON THE SITE PER ALL AVAILABLE
- ONLINE MAPPING.
- NO 100 YEAR FLOOD PLAINS ARE KNOWN TO EXIST ON THE SITE PER THE FLOOD INSURANCE RATE MAP NUMBER 360686 FOR THE MUNICIPALITY OF ORANGETOWN, ROCKLAND COUNTY, NY, DATED MARCH 3, 2014 PREPARED BY THE FEDERAL EMERGENCY
- MATERIALS, WORKMANSHIP, AND CONSTRUCTION FOR THE SITE IMPROVEMENTS SHOWN HEREON MUST BE IN ACCORDANCE WITH:
- A. NEW YORK STATE DEPARTMENT OF TRANSPORTATION "STANDARD SPECIFICATIONS", 2002; AS SUPPLEMENTED.
- B. CURRENT PREVAILING MUNICIPAL, COUNTY, AND/OR STATE AGENCY SPECIFICATIONS, STANDARDS, CONDITIONS, AND REQUIREMENTS.
- C. CURRENT PREVAILING UTILITY COMPANY/AUTHORITY SPECIFICATIONS, STANDARDS,
- D. CURRENT MANUFACTURER SPECIFICATIONS, STANDARDS, AND REQUIREMENTS. WATER SERVICE TO BE PROVIDED FROM THE EXISTING WATER MAIN LINE ON WESTERN

- MUST BE CEMENT LINED DUCTILE IRON PIPE, CLASS 52, WITH ASPHALTIC EPOXY TYPE COATING. WATER MAINS MUST BE INSTALLED TO PROVIDE A MINIMUM 4 FEET OF COVER FROM THE TOP OF PIPE TO THE PROPOSED GRADE.
- 10. SANITARY SEWER SERVICE MUST BE PROVIDED BY GRAVITY CONNECTION TO EXISTING SEWER MAIN RUNNING THROUGH THE SUBJECT SITE, OWNED AN OPERATED BY THE ORANGETOWN SEWER DEPARTMENT, PROPOSED SEWER MAIN EXTENSIONS AND MANHOLE LOCATIONS ARE SUBJECT TO MUNICIPAL REVIEW AND APPROVAL, ACCORDING TO MUNICIPAL AND ROCKLAND COUNTY HEALTH DEPARTMENT REGULATIONS. PIPE MATERIALS MUST BE PVC SDR-35, EXCEPT AS NOTED OTHERWISE ON THE PLANS. SEWER LINES, INCLUDING FORCE MAINS AND LATERALS, MUST BE INSTALLED TO PROVIDE A MINIMUM 4 FEET OF COVER FROM THE TOP OF PIPE TO PROPOSED GRADE.

HIGHWAY, OWNED AND OPERATED BY THE SUEZ WATER. PROPOSED WATER MAIN

EXTENSIONS AND FIRE HYDRANT LOCATIONS ARE SUBJECT TO MUNICIPAL REVIEW AND

APPROVAL, AND AMERICAN WATERWORKS ASSOCIATION STANDARDS. PIPE MATERIALS

- 11. SANITARY SEWERS MUST BE SEPARATED FROM WATER MAINS BY AT LEAST 10 FEET HORIZONTALLY. IF SUCH SEPARATION IS NOT POSSIBLE, THE PIPES MUST BE IN SEPARATE TRENCHES WITH THE SANITARY SEWER AT LEAST 18 INCHES BELOW THE BOTTOM OF THE WATER MAIN. WHERE APPROPRIATE SEPARATION IS NOT POSSIBLE, THE SEWER MUST BE ENCASED IN CONCRETE, OR CONSTRUCTED OF DUCTILE-IRON-PIPE USING MECHANICAL OR SLIP ON JOINTS, FOR A DISTANCE OF 10 FEET ON EITHER SIDE OF THE CROSSING. IN ADDITION, ONE FULL LENGTH OF SEWER PIPE SHOULD BE LOCATED SO BOTH JOINTS ARE AS FAR AWAY AS POSSIBLE FROM THE WATER LINE.
- 12. GAS, ELECTRIC, LIGHTING, CABLE TELEVISION, AND ELECTRICAL SERVICE PLANS, IF REQUIRED, MUST BE PREPARED BY THE RESPECTIVE UTILITY COMPANIES THAT SERVICE THE AREA PRIOR TO SITE CONSTRUCTION AND MUST BE INSTALLED PER ORDINANCE
- 13. TELEPHONE, ELECTRIC, AND GAS LINES WILL BE INSTALLED UNDERGROUND. CROSSINGS OF PROPOSED PAVEMENTS WILL BE INSTALLED PRIOR TO THE CONSTRUCTION OF PAVEMENT BASE COURSE.
- 14. UTILITY RELOCATIONS SHOWN HEREON, IF ANY, ARE FOR INFORMATIONAL PURPOSES ONLY AND MAY NOT REPRESENT ALL REQUIRED UTILITY RELOCATIONS. THE CONTRACTOR IS RESPONSIBLE FOR PERFORMING AND/OR COORDINATING ALL REQUIRED UTILITY RELOCATIONS IN COOPERATION WITH THE RESPECTIVE UTILITY COMPANY/AUTHORITIES.
- 15. STORM SEWERS MUST BE CLASS III (OR HIGHER IF NOTED) REINFORCED CONCRETE PIPE (RCP) WITH "O" RING GASKETS, HIGH DENSITY POLYETHYLENE PIPE (HDPE) OR APPROVED EQUAL AS NOTED. PROPER PIPE COVERAGE MUST BE MAINTAINED DURING ALL PHASES OF CONSTRUCTION. PIPE LENGTHS SHOWN HEREON ARE FROM CENTER OF STRUCTURE TO CENTER OF STRUCTURE.
- 16. REFUSE AND RECYCLABLES MUST BE STORED WITHIN THE OUTSIDE SCREENED TRASH ENCLOSURES AS NOTED ON THE PLANS.
- 17. TRAFFIC SIGNAGE AND STRIPING MUST CORRESPOND TO THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.
- 18. THIS IS A SITE DEVELOPMENT PLAN AND UNLESS SPECIFICALLY NOTED ELSEWHERE

- 19. BUILDING FOOTPRINT DIMENSIONS SHOWN HEREON ARE APPROXIMATE. FINAL BUILDING FOOTPRINT DIMENSIONS FOR EACH DWELLING/BUILDING MUST BE FURNISHED ON THE INDIVIDUAL PLOT PLANS/ARCHITECTURAL PLANS AT THE TIME OF APPLICATION FOR A BUILDING PERMIT. ALL STRUCTURES MUST CONFORM TO THE APPROVED BULK ZONING
- 20. DO NOT SCALE DRAWINGS AS THEY PERTAIN TO ADJACENT AND SURROUNDING PHYSICAL CONDITIONS, BUILDINGS, STRUCTURES, ETC. THEY ARE SCHEMATIC ONLY, EXCEPT WHERE DIMENSIONS ARE SHOWN THERETO.
- . THIS SET OF PLANS HAS BEEN PREPARED FOR THE PURPOSES OF MUNICIPAL AND AGENCY REVIEW AND APPROVAL. THIS SET OF PLANS MUST NOT BE UTILIZED AS CONSTRUCTION DOCUMENTS UNTIL ALL APPROVALS REQUIRED HAVE BEEN OBTAINED, ALL CONDITIONS OF APPROVAL HAVE BEEN SATISFIED AND THE DRAWINGS HAVE BEEN STAMPED "ISSUED FOR CONSTRUCTION". THIS MUST INCLUDE APPROVAL OF ALL CATALOG CUTS, SHOP DRAWINGS AND/OR DESIGN CALCULATIONS AS REQUIRED BY THE PROJECT OWNER AND/OR MUNICIPALITY.
- 22. EXISTING UTILITY INFORMATION SHOWN HEREON HAS BEEN COLLECTED FROM VARIOUS SOURCES AND IS NOT GUARANTEED AS TO ACCURACY OR COMPLETENESS. THE CONTRACTOR MUST VERIFY ALL INFORMATION TO HIS SATISFACTION PRIOR TO EXCAVATION. WHERE EXISTING UTILITIES ARE TO BE CROSSED BY PROPOSED CONSTRUCTIONS, TEST PITS MUST BE DUG BY THE CONTRACTOR PRIOR TO CONSTRUCTION TO ASCERTAIN EXISTING INVERTS, MATERIALS, AND SIZES, TEST PIT INFORMATION MUST BE GIVEN TO THE ENGINEER PRIOR TO CONSTRUCTION TO PERMIT ADJUSTMENTS AS REQUIRED TO AVOID CONFLICTS. THE CONTRACTOR MUST NOTIFY THE UNDER SIGNED PROFESSIONAL IMMEDIATELY IF ANY FIELD CONDITIONS ENCOUNTERED DIFFER MATERIALLY FROM THOSE REPRESENTED HEREON. SUCH CONDITIONS COULD RENDER THE DESIGNS HEREON INAPPROPRIATE OR INEFFECTIVE
- 23. THIS PLAN IS NOT DEPICTING ENVIRONMENTAL CONDITIONS OR A CERTIFICATION/WARRANTY REGARDING THE PRESENCE OR ABSENCE OF ENVIRONMENTALLY IMPACTED SITE CONDITIONS. MASER CONSULTING HAS PERFORMED NO EXPLORATORY OR TESTING SERVICES, INTERPRETATIONS, CONCLUSIONS OR OTHER SITE ENVIRONMENTAL SERVICES RELATED TO THE DETERMINATION OF THE POTENTIAL FOR CHEMICAL, TOXIC, RADIOACTIVE OR OTHER TYPE OF CONTAMINANTS AFFECTING THE PROPERTY AND THE UNDERSIGNED PROFESSIONAL IS NOT QUALIFIED TO DETERMINE THE EXISTENCE OF SAME. SHOULD ENVIRONMENTAL CONTAMINATION OR WASTE BE DISCOVERED, THE OWNER AND CONTRACTOR MUST BE RESPONSIBLE FOR COMPLYING WITH ALL APPLICABLE LAWS AND REGULATIONS.
- 24. THE CONTRACTOR IS RESPONSIBLE FOR PROJECT SAFETY, INCLUDING PROVISION OF ALL APPROPRIATE SAFETY DEVICES AND TRAINING REQUIRED.
- 25. THESE GENERAL NOTES MUST APPLY TO ALL SHEETS IN THIS SET.
- 26. ALL UTILITIES, INCLUDING ELECTRIC AND TELEPHONE SERVICE, SHALL BE INSTALLED
- 27. THIS PLAN DOES NOT CONFLICT WITH THE COUNTY OFFICIAL MAP AND HAS BEEN APPROVED IN THE MANNER SPECIFIED BY SECTION 239L&M OF THE GENERAL MUNICIPAL LAW OF THE STATE OF NEW YORK.
- 28. SIDEWALKS AND CURBS SHALL BE INSTALLED IN ACCORDANCE WITH THE HIGHWAY DEPARTMENT'S SPECIFICATIONS FOR SIDEWALKS AND CURBS.

PARKING REQUIREMENTS

I PARKING SPACE IS REQUIRED PER EACH 2 EMPLOYEES OR 300 SF OF GROSS FLOOR AREA EXISTING INDUSTRIAL SPACE TO REMAIN = 7,931 SF

PROPOSED INDUSTRIAL SPACE = 7,973 SF TOTAL INDUSTRIAL SPACE = 15,904 SF ANTICIPATED EMPLOYEES*: 15,904 SF @ 1 /1000 = 16 EMPLOYEES

REQUIRED PARKING: I SPACE PER 2 EMPLOYEES = 16 / 2 = 8 PARKING SPACES REQUIRED * PER ITE PARKING GENERATION MANUAL, 5HT EDITION, (P.51)- WAREHOUSING PEAK PERIOD PARKING DEMAND PER 1000 SF GFA

I PARKING SPACE IS REQUIRED FOR EACH 200 SF OF GROSS FLOOR AREA EXISTING OFFICE SPACE TO REMAIN = 7,974 SF PROPOSED OFFICE SPACE = 2,500 SF

TOTAL OFFICE SPACE = 10,474 SF REQUIRED PARKING: 10,474 SF/ 200 = 52.37 = 54 PARKING SPACES REQUIRED TOTAL PARKING REQUIREMENT FOR BOTH USES = 8 + 54 = 62 SPACES REQUIRED

20 SPACES PROVIDED (VARIANCE)

CHAPTER 43, TABLE 31.11, COLUMN 7 - NO PARKING IS PERMITTED IN ANY REQUIRED YARD UNLESS PERMITTED BY ANY BOARD OR TOWN AGENCY HAVING JURISDICTION

STALL SIZE: 9' WIDE X 18' LONG (COMPLIES)

DISTRICTS

SCHOOL DISTRICT -SOUTH ORANGETOWN CENTRAL SCHOOL DISTRICT I

FIRE DISTRICT -WATER DISTRICT -SEWER DISTRICT -

ORANGETOWN SEWER DISTRICT LIGHTING DISTRICT - TOWN OF ORANGETOWN

SIDE YARD SETBACK WITHIN LO DISTRICT ARE NOT SHOWN SINCE THEY OVERLAP. REFER ZONING TABLE FOR EXISTING AND PROPOSED SETBACK.

WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED, SOIL SHALL NOT BE EXPOSED MORE THAN SEVEN (7) DAYS. CONTRACTOR SHALL INITIATE STABILIZATION MEASURES IN ACCORDANCE WITH THE SOIL EROSION & SEDIMENT CONTROL PLAN

ZONING TABLE

TABLE OF BULK REQUIREMENTS **ZONE: LO (LABORATORY OFFICE DISTRICT)** REQUIRED LO PROPOSED (USE GROUP X) : 32,072 SF (± 0.74 ACRES) NO CHANGE (ENC IN. LOT AREA 2 ACRES MAX. F.A.R 0.40 0.05 0.35 82.18% (V) MAX LOT COVERAGE 76.30% MIN. LOT WIDTH NO CHANGE (ENC) NO CHANGE (ENC MIN. STREET FRONTAGE 150' 175' REQUIRED FRONT YARD 75.54' 19.79' (SOUTH) 19.79' (SOUTH) (ENC) MIN. REQUIRED SIDE YARD 50.07' (NORTH) 48.48' (NORTH) (V MIN. REQUIRED TOTAL SIDE YARD MIN. REQUIRED REAR YARD 100' N/A 3" PER FOOT OF DISTANCE FROM MAX. BUILDING HEIGHT ± 20' DESIGNATED

- (ENC) = EXISTING NON CONFORMITY
- (V) = VARIANCE REQUIRED
- * PER TOWN ZONING CODE SECTION 5.24, IF THE LOT WIDTH IS LESS THAN THE MINIMUM REQUIREMENT SET FORTH FOR GROUPS X AND CC OF THE BULK TABLE, THE REQUIRED SIDE YARD MAY BE REDUCED. THE TOTAL WIDTH OF EACH REQUIRED SIDE YARD MAY BE REDUCED ONE FOOT FOR EACH FOOT THE LOT WIDTH IS LESS THAN 300 FEET, PROVIDED THAT NO REQUIRED SIDE YARD MAY BE LESS THAN 50 FEET

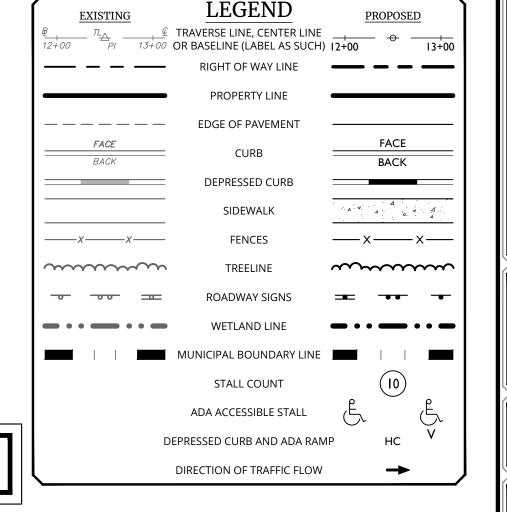
STREET LINE (22.5')

ZONING TABLE

TABLE OF BULK REQUIREMENTS ZONE: LI (LIGHT INDUSTRIAL DISTRICT)

ITEM	REQUIRED LI (USE GROUP QQ)	existing	PROPOSED	
MIN. LOT AREA	2 ACRES	± 34,060.4 (± 0.78 ACRES)	NO CHANGE (ENC)	
MAX. F.A.R	0.50	0.28	0.45	
MAX LOT COVERAGE	80%	65.07%	57.56%	
MIN. LOT WIDTH	150'	178'	NO CHANGE (ENC)	
MIN. STREET FRONTAGE	150'	N/A	N/A	
REQUIRED FRONT YARD	50'	N/A	NO CHANGE (ENC)	
MIN. REQUIRED SIDE YARD	50'	19.79' (SOUTH) 51.95' (NORTH)	NO CHANGE (ENC)	
MIN. REQUIRED TOTAL SIDE YARD	100'	71.74'	NO CHANGE (ENC)	
MIN. REQUIRED REAR YARD	50'	21.38'	NO CHANGE (ENC)	
MAX. BUILDING HEIGHT	6" PER FOOT OF DISTANCE FROM DESIGNATED STREET LINE (45')	± 20'	± 30'	

- (ENC) = EXISTING NON CONFORMITY (V) = VARIANCE REQUIRED
- * WHERE A LOT LINE IN AN LO, LI OR LIO DISTRICT ABUTS A RAILROAD RIGHT-OF-WAY, THE NORMALLY REQUIRED REA OR SIDE YARD MAY BE REDUCED TO 25', AND THE MAXIMUM BUILDING SHALL APPLY FOR THAT PORTION OF BUILDING



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FOR STATE SPECIFIC DIRECT PHONE NUMBERS

Jesse Barrett Cokeley NEW YORK LICENSED PROFESSIONAL ENGINEER LICENSE NUMBER: 090987-1

COLLIERS ENGINEERING & DESIGN CT, P.C. N.Y. C.O.A #: 0017609

PRELIMINARY SITE PLAN

WESTERN HIGHWAY

ENTERPRISES LLC

SECTION 74.14 BLOCK 2

LOT 39

HAMLET OF TAPPAN TOWN OF ORANGETOWN ROCKLAND COUNTY

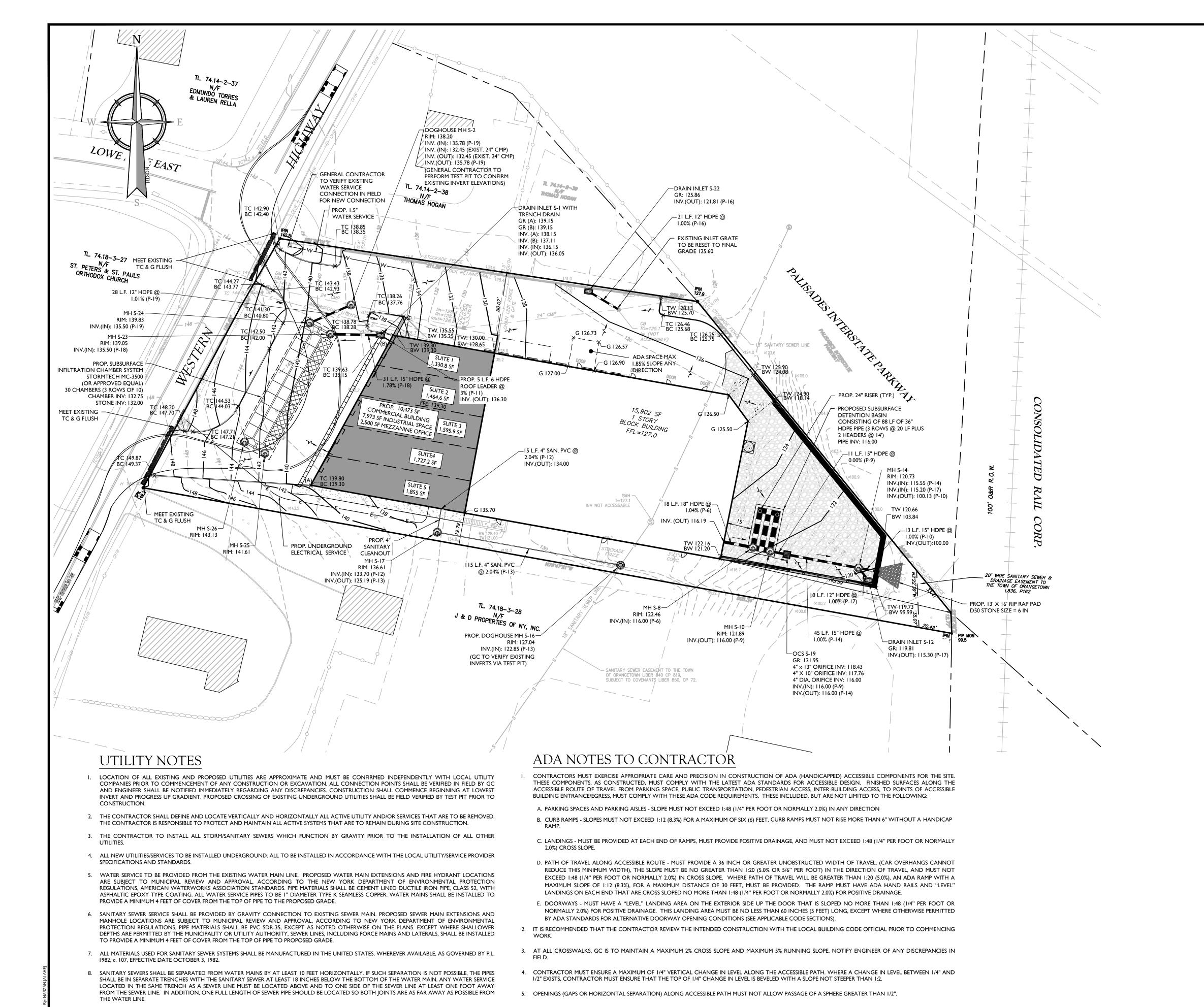
NEW YORK

Colliers 50 Chestnut Ridge Road, Montvale, NJ 07645 Engineering Phone: 845.352.0411 & Design COLLIERS ENGINEERING & DESIGN CT, DOING BUSINESS AS MASER CONSULT ENGINEERING & LAND SURVEYING

21006649A

LAYOUT PLAN

NOTE: DO NOT SCALE DRAWINGS FOR CONSTRUCTION.



9. GAS, ELECTRIC, LIGHTING, CABLE TELEVISION, AND ELECTRICAL SERVICE PLANS, IF REQUIRED, SHALL BE PREPARED BY THE RESPECTIVE UTILITY

10. TELEPHONE, ELECTRIC, AND GAS LINES WILL BE INSTALLED UNDERGROUND. CROSSINGS OF PROPOSED PAVEMENTS WILL BE INSTALLED PRIOR TO

II. UTILITY RELOCATIONS SHOWN HEREON, IF ANY, ARE FOR INFORMATIONAL PURPOSES ONLY AND MAY NOT REPRESENT ALL REQUIRED UTILITY

12. STORM SEWERS SHALL BE CLASS III (OR HIGHER IF NOTED) REINFORCED CONCRETE PIPE (RCP) WITH "O" RING GASKETS OR INTERNALLY PRELUBRICATED GASKET (TYLOX SUPERSEAL OR EQUIVALENT), 16 GAUGE ALUMINIZED TYPE II COATED CORRUGATED PIPE (CMP). ADS N-12 HIGH

RELOCATIONS. THE CONTRACTOR IS RESPONSIBLE FOR PERFORMING AND/OR COORDINATING ALL REQUIRED UTILITY RELOCATIONS IN

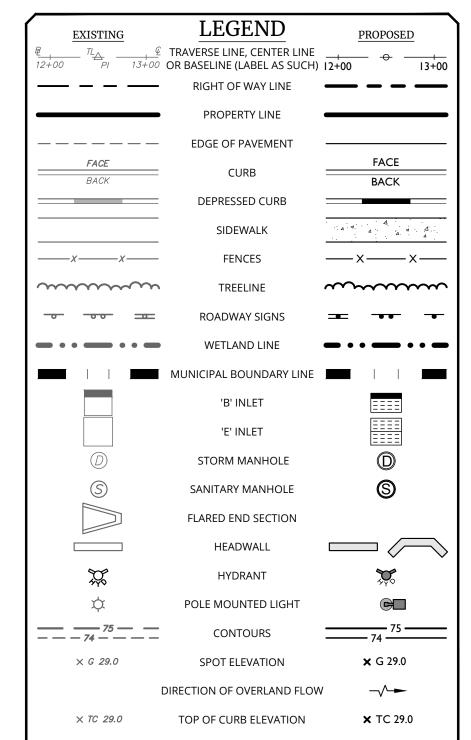
DENSITY POLYETHYLENE PIPE (HDPE), HANCOR SURE-LOK HIGH DENSITY POLYETHYLENE PIPE (HDPE) OR APPROVED EQUAL AS NOTED. PROPER PIPE COVERAGE SHALL BE MAINTAINED DURING ALL PHASES OF CONSTRUCTION. PIPE LENGTHS SHOWN HEREON ARE FROM CENTER OF STRUCTURE TO

COMPANIES THAT SERVICE THE AREA PRIOR TO SITE CONSTRUCTION AND SHALL BE INSTALLED PER ORDINANCE REQUIREMENTS.

THE CONSTRUCTION OF PAVEMENT BASE COURSE.

COOPERATION WITH THE RESPECTIVE UTILITY COMPANY/AUTHORITIES.

13. ALL UTILITIES, INCLUDING ELECTRIC AND TELEPHONE SERVICE, SHALL BE INSTALLED UNDERGROUND



30 0 30 60 SCALE: 1" = 30'

BOTTOM OF CURB ELEVATION

TOP OF DEPRESSED CURB ELEVATION X TDC 29.0

X BC 29.0

PRELIMINARY SITE PLAN **WESTERN HIGHWAY ENTERPRISES LLC** SECTION 74.14 BLOCK 2 LOT 39 HAMLET OF TAPPAN TOWN OF ORANGETOWN ROCKLAND COUNTY **NEW YORK** MONTVALE Colliers 50 Chestnut Ridge Road, Montvale, NJ 07645 Engineering Phone: 845.352.0411 & Design COLLIERS ENGINEERING & DESIGN CT, DOING BUSINESS AS MASER CONSULT ENGINEERING & LAND SURVEYING 21006649A **GRADING DRAINAGE &**

UTILITY PLAN

Jesse Barrett Cokeley

IEW YORK LICENSED PROFESSIONAL ENGINEER

LICENSE NUMBER: 090987-1

COLLIERS ENGINEERING & DESIGN CT, P.C.

N.Y. C.O.A #: 0017609

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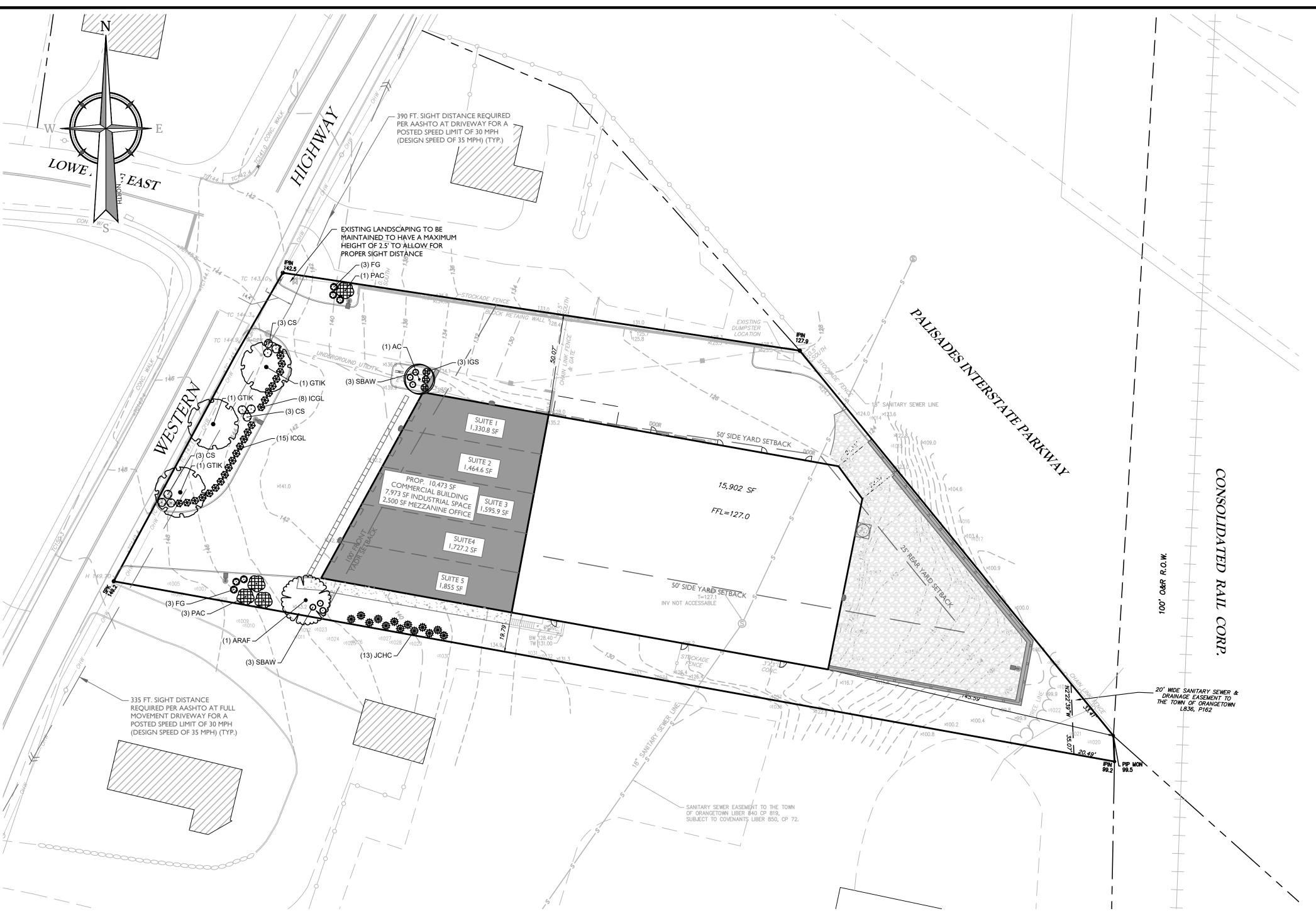
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NOTE: DO NOT SCALE DRAWINGS FOR CONSTRUCTION



GENERAL PLANTING NOTES

- THIS PLAN SHALL BE USED FOR LANDSCAPE PLANTING PURPOSES ONLY. EXAMINE ALL ENGINEERING A. PROVIDE PLANTING PITS AS INDICATED ON PLANTING DETAILS. BACKFILL PLANTING PITS WITH WELL DRAWINGS AND FIELD CONDITIONS FOR SPECIFIC LOCATIONS OF UTILITIES AND STRUCTURES. NOTIFY THE LANDSCAPE ARCHITECT OF ANY DISCREPANCIES OR LOCATION CONFLICTS PRIOR TO PLANTING
- FEDERAL, STATE, OR LOCAL CODES, LAWFUL ORDERS OR REGULATIONS GOVERNING UPON THIS WORK.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL UTILITIES MARKOUTS AND COMPLIANCE WITH ALL

- :. OWNER OR HIS/HER REPRESENTATIVE SHALL BE NOTIFIED PRIOR TO BEGINNING PLANTING OPERATIONS.
- PLANT MATERIAL
- PLANT MATERIAL:
- PLANT MATERIAL SHALL CONFORM WITH THE ANSI Z60.1-2004 'AMERICAN STANDARD FOR NURSERY STOCK' AS PUBLISHED BY THE AMERICAN NURSERY AND LANDSCAPE ASSOCIATION (ANLA) IN REGARD TO QUALITY, SIZE OF PLANTING, SPREAD OF ROOTS, SIZE OF ROOTBALL, AND BRANCHING
- PLANTS SHALL BE TYPICAL OF THEIR SPECIES AND VARIETY, HAVE NORMAL GROWTH HABITS, WELL DEVELOPED BRANCHES, DENSELY FOLIATED, VIGOROUS ROOT SYSTEMS, AND FREE FROM DEFECTS, INJURY, DISEASE, AND/OR INFESTATION, WITH ROOT BALLS INTACT.
- ALL PLANT MATERIAL SHALL BEAR THE SAME RELATION TO FINISHED GRADE AT THE NURSERY. THE PLANT MATERIAL SHALL BE PLANTED AT THE SAME LEVEL WHEN PLANTED.
- PLANT MATERIAL SHALL BE PLANTED ON THE DAY OF DELIVERY TO THE SITE. IN THE EVENT THIS IS NOT POSSIBLE, THE CONTRACTOR SHALL TAKE APPROPRIATE STEPS TO PROTECT THE PLANT MATERIAL FROM DAMAGE PRIOR TO INSTALLATION.
- THE LANDSCAPE ARCHITECT OR OWNER SHALL HAVE THE RIGHT, AT ANY STAGE OF THE OPERATION, TO REJECT ANY AND ALL PLANT MATERIAL WHICH IN THEIR OPINION DOES NOT MEET THE REQUIREMENTS OF THESE PLANS.
- PLANT QUANTITIES: THE LANDSCAPE PLAN SHOULD TAKE PRECEDENCE OVER THE PLANT SCHEDULE IF (3) ANY PLANT DISCREPANCIES OCCUR.
- . <u>PLANT SIZE:</u> THE CONTRACTOR SHALL FURNISH PLANT MATERIAL IN THE CALIPER, HEIGHT, SIZE OR A. SPREAD INDICATED IN THE PLANT SCHEDULE.
- I. SUBSTITUTIONS: NO PLANT SUBSTITUTIONS SHALL BE PERMITTED WITH REGARD TO SIZE, SPECIES, OR VARIETY WITHOUT WRITTEN PERMISSIONS OF THE MUNICIPALITY, LANDSCAPE ARCHITECT, OR OWNER. B.
- CONTRACTOR. GUARANTEE: PLANT MATERIAL SHALL BE GUARANTEED FOR TWO (2) YEARS AFTER THE DATE OF FINAL C. ACCEPTANCE. ANY PLANT MATERIAL THAT IS WITHIN THAT TIME PERIOD SHALL BE REMOVED,

WRITTEN PROOF OF THE PLANT MATERIAL UNAVAILABILITY MUST BY DOCUMENTED BY THE

- INCLUDING STUMP, AND REPLACED WITH A SIMILAR SIZE AND SPECIES AT THE EXPENSE OF THE CONTRACTOR WITHIN ONE YEAR OF ONE GROWING SEASON. TREE STAKES, AND PLASTIC CHAINS D. SHALL BE REMOVED AT THE END OF THE GUARANTEE PERIOD.
- PLANTING PROCEDURES

- DRAINING AND FERTILE SOILS. SOILS SHALL BE SANDY LOAM, FREE FROM DEBRIS, ROCKS, ETC. SOIL TO BE ONE PART EACH OF TOPSOIL, MOISTENED PEAT MOSS, AND PARENT MATERIAL.
- B. PLANTING BEDS SHALL RECEIVE FOUR (4) TO SIX (6) INCHES OF DOUBLE SHREDDED HARDWOOD MULCH AND TREATED WITH A PRE-EMERGENT HERBICIDE. NO MULCH SHALL COME IN DIRECT CONTACT WITH ROOT FLARE/COLLAR; UNDER NO CIRCUMSTANCES SHALL THE ROOT CROWN BE
- C. SHRUB MASSES SHALL BE PLANTED IN CONTINUOUS MULCHED BEDS.
- 2. PLANT LOCATIONS: THE LOCATION OF ALL PLANT MATERIAL INDICATED ON THE LANDSCAPE PLANS ARE APPROXIMATE. THE FINAL LOCATION OF ALL PLANT MATERIAL AND PLANTING BEDLINES SHALL BE DETERMINED IN THE FIELD AT THE TIME OF INSTALLATION FOLLOWING THE BASIC INTENT OF THE C. THE CENTRAL LEADER SHALL NOT BE CUT OR DAMAGED. APPROVED PLANS, UNLESS THERE IS A SPECIFIC DIMENSION OR LOCATION SHOWN.
- 3. PLANTING DATES: PLANTING OPERATIONS SHALL BE PERFORMED DURING PERIODS WITHIN THE PLANTING SEASON WHEN WEATHER AND SOIL CONDITIONS ARE SUITABLE AND IN ACCORDANCE A. THE LANDSCAPE CONTRACTOR SHALL TEST THE SOIL TO CONFIRM SUITABILITY FOR THE PROPOSED WITH ACCEPTED LOCAL PRACTICES. PLANTING SEASONS ARE DEFINED AS MARCH 15 THROUGH MAY 15 AND SEPT 15 THROUGH NOV 15. PLANTING IS ACCEPTABLE DURING THE WINTER MONTHS IF WEATHER PERMITS AND THE GROUND IS NOT FROZEN, AND IN THE SUMMER IF SUPPLEMENTAL WATERING IS B. PROVIDED. SOIL MUST BE FROST FREE, FRIABLE, AND NOT MUDDY AT TIME OF PLANTING.
- TREES SHALL BE SUPPORTED IMMEDIATELY AFTER PLANTING. PLANT MATERIAL SHALL BE PROPERLY GUYED, STAKED, AND PLANTED IN CONFORMANCE WITH THE TYPICAL PLANTING DETAILS.
- STAKES SHALL BE EIGHT TO TEN FEET LONG, OF SOUND, DURABLE UNFINISHED LUMBER CAPABLE OF WITHSTANDING ABOVEGROUND AND UNDERGROUND CONDITIONS DURING THE PERIOD OF GUARANTEE WITH TOP AND BOTTOM DIMENSIONS OF TWO INCHES BY TWO INCHES IN DIAMETER THREE STAKES SHALL BE EQUALLY SPACED ABOUT THE TREE IN A TRIANGULAR FASHION AND
- SHALL BE DRIVEN VERTICALLY INTO THE GROUND 2 $\frac{1}{2}$ TO 3 FEET IN A MANNER THAT DOES NOT INJURE THE ROOT BALL. TREES SHALL BE FASTENED TO EACH STAKE AT A HEIGHT OF FIVE FEET BY MEANS OF PLASTIC CHAIN LINK TREE TIE ($\frac{7}{16}$ " WIDE RECOMMENDED FOR TREES UP TO 2 $\frac{1}{2}$ INCHES IN CALIPER).
- SET PLANTS PLUMB AND STRAIGHT. SET AT SUCH LEVEL THAT AFTER SETTLEMENT A NORMAL OR NATURAL RELATIONSHIP TO THE CROWN OF THE PLANT WITH THE GROUND SURFACE WILL BE ESTABLISHED. LOCATE PLANTS IN CENTER OF PIT.
- AT TIME OF INSTALLATION, THE CONTRACTOR SHALL WATER NEWLY INSTALLED PLANT MATERIAL. THE CONTRACTOR SHALL PROVIDE REGULAR WATERING TO ENSURE THE ESTABLISHMENT, GROWTH, AND SURVIVAL OF ALL PLANTS.
- B&B PLANTS SHALL BE HANDLED FROM THE BOTTOM OF THE ROOTBALL ONLY. PLANTS WITH BROKEN, SPLIT, OR DAMAGED ROOTBALLS SHALL BE REJECTED.
- CORD BINDING OF ALL B&B PLANTS SHALL BE CUT AND REMOVED, ALONG WITH THE BURLAP OF THE UPPER $\frac{1}{3}$ OF THE ROOT BALL. ALL WIRE BASKETS ARE TO BE REMOVED PRIOR TO BACKFILLING

D. <u>MAINTENANCE</u>

- A. EACH TREE AND SHRUB SHALL BE PRUNED IN ACCORDANCE WITH THE AMERICAN NURSERY AND LANDSCAPE ASSOCIATION TO PRESERVE THE NATURAL CHARACTER OF THE PLANT. ALL DEAD WOOD OR SUCKERS AND ALL BROKEN OR BADLY BRUISED BRANCHES SHALL BE REMOVED. PRUNING SHALL BE DONE WITH CLEAN, SHARP TOOLS.
- SHADE TREES PLANTED NEAR PEDESTRIAN OR VEHICULAR ACCESS SHOULD NOT BE BRANCHED LOWER THAN 7'-0" ABOVE GRADE. PLANT MATERIAL LOCATED WITHIN SIGHT TRIANGLE EASEMENTS SHALL NOT EXCEED A MATURE HEIGHT OF 30" ABOVE THE ELEVATION OF THE ADJACENT CURB. STREET TREES PLANTED IN SIGHT TRIANGLE EASEMENTS SHALL BE PRUNED TO NOT TO HAVE BRANCHES BELOW 7'-0".

REMOVE ALL DEAD, DAMAGED, OR DISEASED BRANCHES.

- SEED MIX AND SUPPLEMENT AS REQUIRED TO MEET THE REQUIRED PH & NUTRIENT LEVELS.
- ALL DISTURBED AREAS SHALL BE STABILIZED WITH SEED UNLESS OTHERWISE INDICATED ON THE LANDSCAPE PLANS, SEED SHALL BE IN ACCORDANCE WITH THE SOIL EROSION AND SEDIMENT CONTROL DISTRICT'S SEED SPECIFICATIONS AS NOTED ON THE SOIL EROSION AND SEDIMENT
- C. SOD, IF SPECIFIED, SHALL CONSIST OF A NEW YORK CERTIFIED MIXTURE. ALL DISTURBED AREAS INDICATED AS LAWN OR SOD SHALL BE TOPSOILED, LIMED, AND FERTILIZED & FINE GRADED PRIOR TO LAWN INSTALLATION.
- EXISTING VEGETATION: EXISTING TREES AND SHRUBS TO BE PRESERVED ON SITE SHALL BE PROTECTED AGAINST CONSTRUCTION DAMAGE BY SNOW FENCING. FENCING SHALL BE PLACED OUTSIDE THE INDIVIDUAL TREE CANOPY. TREES TO REMAIN SHALL BE IDENTIFIED IN THE FIELD PRIOR TO COMMENCEMENT OF CONSTRUCTION. TREE PROTECTION FENCING SHALL BE INSTALLED PRIOR TO COMMENCEMENT OF CONSTRUCTION, GRADING, OR CLEARING. EXISTING VEGETATION BEING PRESERVED AND LOCATED AT THE EDGE OF THE NEW TREELINE SHALL BE PRUNED AND TRIMMED TO
- . SITE CLEANUP: PLANTING DEBRIS (WIRE, TWINE, RUBBERHOSE, BACKFILL, ETC.) SHALL BE REMOVED FROM THE SITE AFTER PLANTING IS COMPLETE. THE PROPERTY IS TO BE LEFT IN A NEAT, ORDERLY CONDITION IN ACCORDANCE WITH ACCEPTED PLANTING PRACTICES.

LANDSCAPE PLAN NOTES

REFER TO THIS SHEET FOR GENERAL PLANTING NOTES, AND LANDSCAPE DETAILS.

2. REFER TO THIS SHEET FOR PLANT SCHEDULES.

3. PLANT LOCATIONS INDICATED ON THE LANDSCAPE PLAN ARE APPROXIMATE; ACTUAL LOCATION OF PLANT MATERIAL IS SUBJECT TO SITE CONDITIONS. PRIOR TO installation, plant locations and planting bed limits shall be approved in the FIELD UNDER THE DIRECTION OF THE LANDSCAPE ARCHITECT AND/OR THE TOWN ENGINEER OR PLANNER.

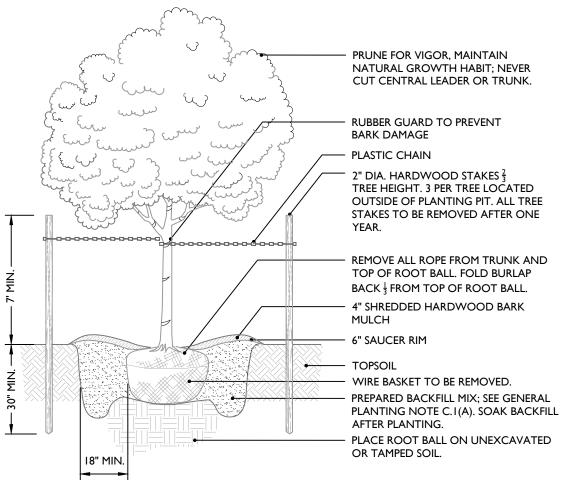
4. THE LANDSCAPE PLAN SHALL TAKE PRECEDENCE OVER THE PLANT SCHEDULE SHOULD ANY PLANT MATERIAL DISCREPANCIES OCCUR.

i. Lawn areas shall be stabilized with seed unless otherwise indicated on the PLAN. REFER TO THE SOIL EROSION AND SEDIMENT CONTROL PLAN FOR APPROVED SEED

PLANT DETAIL NOTES

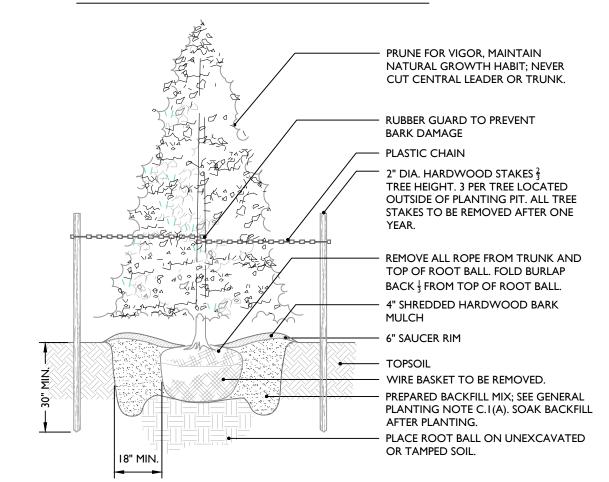
- CONTRACTOR SHALL PARTIALLY FILL WITH WATER A REPRESENTATIVE NUMBER OF PITS IN EACH AREA OF THE PROJECT PRIOR TO PLANTING TO DETERMINE IF THERE IS ADEQUATE PERCOLATION. IF PIT DOESN'T PERCOLATE, MEASURES MUST BE TAKEN TO ASSURE PROPER DRAINAGE BEFORE PLANTING.
- PLANTING MUST BE GUARANTEED FOR TWO (2) FULL GROWING SEASONS FROM THE TIME OF FINAL ACCEPTANCE BY THE TOWN OF ORANGETOWN. CONTRACTOR SHALL REMOVE WRAPPING AT THE END OF GUARANTEE PERIOD.
- BACKFILL MIXTURE TO BE SPECIFIED BASED UPON SOIL TEST AND CULTURAL REQUIREMENTS
- 4. PRUNE DAMAGED AND CONFLICTING BRANCHES MAINTAINING NORMAL TREE SHAPE, NEVER CUT CENTRAL TRUNK OR LEADER.

PLANT SCHEDULE COMMON NAME Autumn Flame Red Maple BOTANICAL NAME Acer rubrum 'Autumn Flame B & B 2 1/2" - 3" Cal. Gleditsia triacanthos inermis 'Skycole' TM Skyline Honey Locust DECIDUOUS SHRUBS B & B #3 CAN 18" - 24" Ht. Fothergilla gardenii Dwarf Fothergilla Spiraea x bumalda 'Anthony Waterer' Anthony Waterer Spirea #3 CAN 18" - 24" Ht. <u>CONT</u> <u>SIZE</u> #3 CAN <u>24" - 30" Ht.</u> COMMON NAME Green Luster Japanese Holl #5 CAN 24" - 30" Ht. Shamrock Inkberry Holly llex glabra 'Shamrock' Hetzi Column Juniper B & B 4` - 5` Ht. Juniperus chinensis 'Hetzii Columnaris'



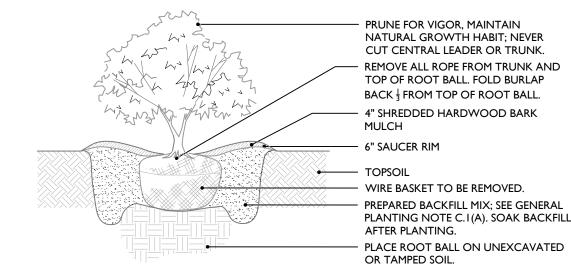
. NO SOIL OR MULCH SHALL BE PLACED AGAINST ROOT COLLAR OF PLANT. 2. PLANTING DEPTH SHALL BE THE SAME OR HIGHER AS GROWN IN NURSERY.

DECIDUOUS TREE PLANTING DETAIL



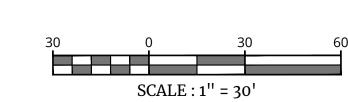
NO SOIL OR MULCH SHALL BE PLACED AGAINST ROOT COLLAR OF PLANT. 2. PLANTING DEPTH SHALL BE THE SAME OR HIGHER AS GROWN IN NURSERY.

EVERGREEN TREE PLANTING DETAIL



NO SOIL OR MULCH SHALL BE PLACED AGAINST ROOT COLLAR OF PLANT. 2. PLANTING DEPTH SHALL BE THE SAME OR HIGHER AS GROWN IN NURSERY

SHRUB PLANTING DETAIL





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PRELIMINARY SITE PLAN

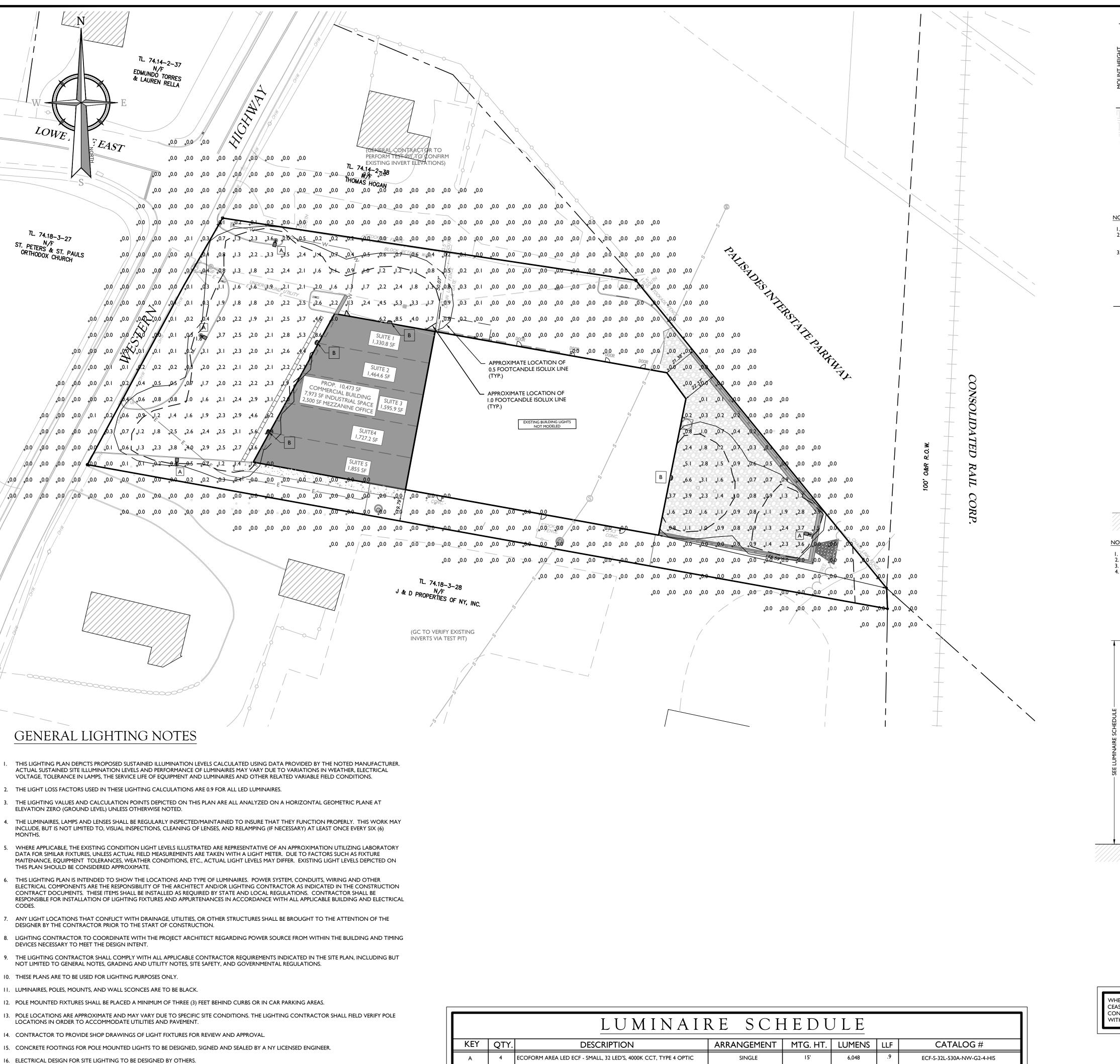
WESTERN HIGHWAY ENTERPRISES LLC

> SECTION 74.14 BLOCK 2 LOT 39

HAMLET OF TAPPAN TOWN OF ORANGETOWN ROCKLAND COUNTY **NEW YORK**

	$\overline{}$		MONTV	ALE				
Colli	Colliers		50 Chestnut Ridge Road, Suite 101					
Enginee & Des		DOIN	Montvale, NJ 07645 Phone: 845.352.0411 COLLIERS ENGINEERING & DESIGN CT, P.C. DOING BUSINESS AS MASER CONSULTING ENGINEERING & LAND SURVEYING					
SCALE:	DATE:		DRAWN BY:	CHECKED BY:				
AS SHOWN	AS SHOWN 08/24		NJ	JBC				
PROJECT NUMBE	R:	DRAWIN	RAWING NAME:					

LANDSCAPE PLAN



4 PUREFORM LDGN SCONCE (PWS), 42 LED'S, 4000K CCT, TYPE 4 OPTIC

17. THIS PLAN EXCLUDES EMERGENCY LIGHTING ABOVE DOORWAYS.

19. ALL UTILITIES, INCLUDING ELECTRIC AND TELEPHONE SERVICE, SHALL BE INSTALLED UNDERGROUND

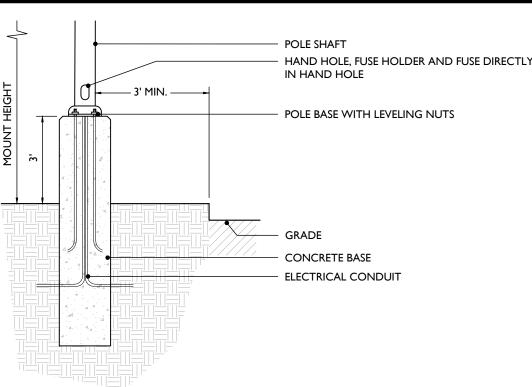
18. THIS PLAN EXCLUDES SOFFIT LIGHTS.

WALL MOUNTED

12'

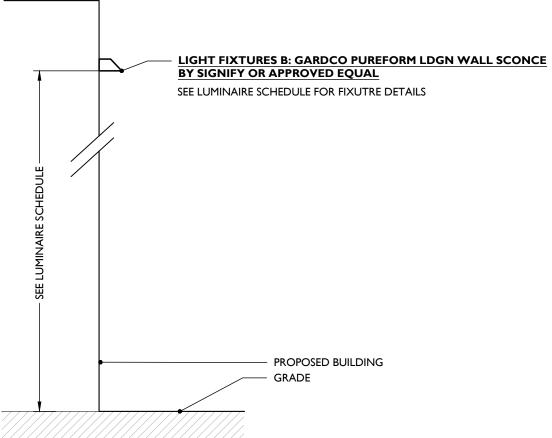
8,300

PWS-48L-400-NW-G2-4



- FOOTING SHOWN IS SCHEMATIC ONLY.
 SHOP DRAWINGS AND CALCULATIONS FOR THE DESIGN AND SIZING OF THE CONCRETE FOOTING SHALL BE PREPARED BY A NY STATE LICENSED PROFESSIONAL ENGINEER, AND SHALL BE PROVIDED BY THE CONTRACTOR FOR APPROVAL PRIOR TO CONSTRUCTION.
 SITE ELECTRICAL CONTRACTOR TO COORDINATE LOCATED OF EASEMENTS, UNDERGROUND UTILITIES, AND DRAINAGE AREAS BEFORE DRILLING POLE BASES.

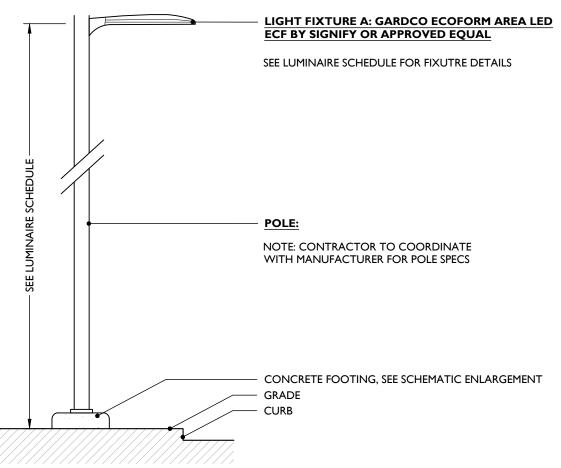
CONCRETE FOOTING SCHEMATIC DETAIL



- I. LIGHT TO BE MANUFACTURED BY LSI OR APPROVED EQUAL. LIGHT FINISH TO BE WHITE.
- MOUNTING HEIGHT TO BE MEASURE FROM FINISHED EXTERIOR GRADE TO LIGHT SOURCE. 4. MOUNTING LOCATIONS TO BE COORDINATED WITH ARCHITECTURAL PLANS.

WALL MOUNTED LUMINAIRE DETAIL

NOT TO SCALE



- LIGHT AND POLE TO BE MANUFACTURED BY LSI OR APPROVED EQUAL.
- MOUNTING HEIGHT TO BE MEASURED FROM EXTERIOR FINISHED GRADE TO LIGHT SOURCE.

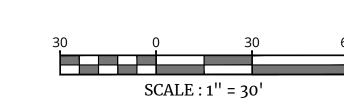
POLE MOUNTED LUMINAIRE DETAIL

NOT TO SCALE

WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED, SOIL SHALL NOT BE EXPOSED MORE THAN SEVEN (7) DAYS. CONTRACTOR SHALL INITIATE STABILIZATION MEASURES IN ACCORDANCE WITH THE SOIL EROSION & SEDIMENT CONTROL PLAN

LEGEND = PROPOSED AREA LIGHT = PROPOSED WALL MOUNTED LIGHT

THIS PLAN TO BE UTILIZED FOR LIGHTING PURPOSES ONLY.



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PRELIMINARY SITE PLAN

WESTERN HIGHWAY ENTERPRISES LLC

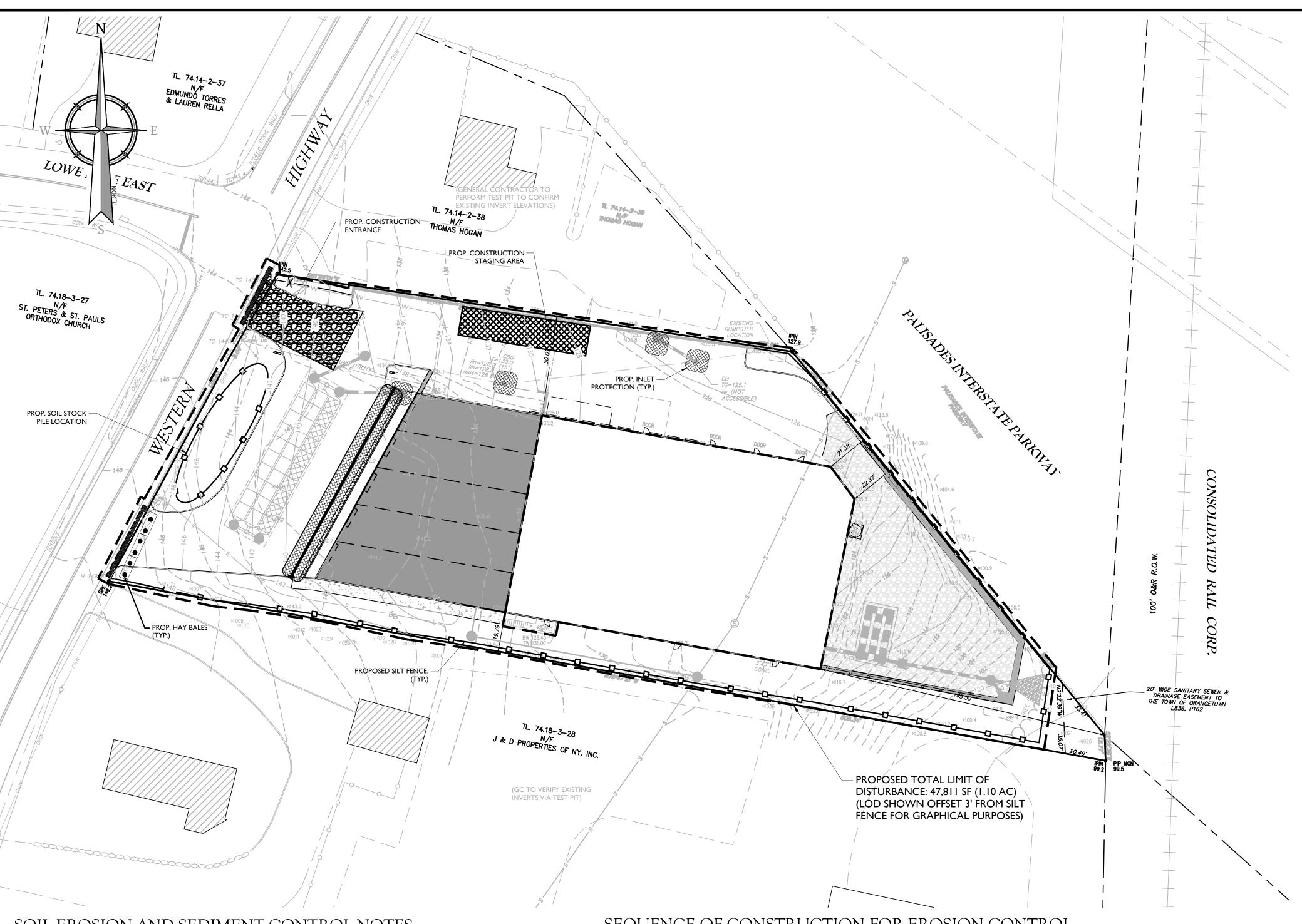
> SECTION 74.14 BLOCK 2 LOT 39

HAMLET OF TAPPAN TOWN OF ORANGETOWN ROCKLAND COUNTY NEW YORK

MONTVALE Colliers 50 Chestnut Ridge Road, Montvale, NJ 07645 Engineering Phone: 845.352.0411 & Design COLLIERS ENGINEERING & DESIGN CT, DOING BUSINESS AS MASER CONSULT ENGINEERING & LAND SURVEYING

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LIGHTING PLAN



SOIL EROSION AND SEDIMENT CONTROL NOTES

- I. ALL SOIL EROSION AND SEDIMENT CONTROL PRACTICES ARE TO BE INSTALLED PRIOR TO ANY MAJOR SOIL DISTURBANCE, OR IN THEIR PROPER SEQUENCE, AND MAINTAINED UNTIL PERMANENT PROTECTION IS ESTABLISHED.
- ANY DISTURBED AREAS THAT WILL BE LEFT EXPOSED MORE THAN FIVE (5) DAYS, AND NOT SUBJECT TO CONSTRUCTION TRAFFIC, WILL IMMEDIATELY RECEIVE A TEMPORARY SEEDING. IF THE SEASON PREVENTS THE ESTABLISHMENT OF TEMPORARY COVER, THE DISTURBED AREAS WILL BE MULCHED WITH STRAW, OR EQUIVALENT MATERIAL, AT A RATE OF TWO (2) TONS PER ACRE, ACCORDING TO STATE STANDARDS.
- 3. PERMANENT VEGETATION TO BE SEEDED OR SODDED ON ALL EXPOSED AREAS WITHIN FIVE (5) DAYS AFTER FINAL GRADING. MULCHING IS REQUIRED ON ALL SEEDING. WHEN HYDROSEEDING, MULCH SHALL NOT BE INCLUDED IN THE TANK WITH THE SEED.
- 4. ALL WORK TO BE DONE IN ACCORDANCE WITH THE NEW YORK STANDARDS AND SPECIFICATIONS FOR EROSION AND SEDIMENT CONTROL.
- 5. A SUBBASE COURSE WILL BE APPLIED IMMEDIATELY FOLLOWING ROUGH GRADING AND INSTALLATION OF IMPROVEMENTS TO STABILIZE STREETS, ROADS, DRIVEWAYS, AND 5. ROUGH GRADE THE SITE BASED ON THE GRADING PLAN TO THE APPROPRIATE BUILDING PAD ELEVATIONS. PARKING AREAS. IN AREAS WHERE NO UTILITIES ARE PRESENT, THE SUBBASE SHALL BE INSTALLED WITHIN FIVE (5) DAYS OF THE PRELIMINARY GRADING.
- 6. IMMEDIATELY FOLLOWING INITIAL DISTURBANCE OR ROUGH GRADING, ALL CRITICAL AREAS SUBJECT TO EROSION (I.E. STEEP SLOPES AND ROADWAY EMBANKMENTS) WILL RECEIVE A TEMPORARY SEEDING IN COMBINATION WITH STRAW MULCH OR A SUITABLE EQUIVALENT, AT A RATE OF TWO (2) TONS PER ACRE, ACCORDING TO STATE
- 7. IN ACCORDANCE WITH THE STANDARD FOR MANAGEMENT OF HIGH ACID PRODUCING SOILS, ANY SOIL HAVING A PH OF 4 OR LESS OR CONTAINING IRON SULFIDES SHALL BE COVERED WITH A MINIMUM OF TWELVE (12) INCHES OF SOIL HAVING A PH OF 5 OR MORE PRIOR TO SEEDBED PREPARATION. AREAS WHERE TREES OR SHRUBS ARE TO BE PLANTED SHALL BE COVERED WITH A MINIMUM OF TWENTY-FOUR (24) INCHES OF SOIL HAVING A PH OF 5 OR MORE.
- 8. AT THE TIME THE SITE PREPARATION FOR PERMANENT VEGETATIVE STABILIZATION IS GOING TO BE ACCOMPLISHED, ANY SOIL THAT WILL NOT PROVIDE A SUITABLE ENVIRONMENT TO SUPPORT ADEQUATE VEGETATIVE GROUND COVER, SHALL BE REMOVED OR TREATED IN SUCH A WAY THAT IT WILL PERMANENTLY ADJUST THE SOIL CONDITIONS AND RENDER IT SUITABLE FOR VEGETATIVE GROUND COVER. IF THE REMOVAL OR TREATMENT OF THE SOIL WILL NOT PROVIDE SUITABLE CONDITIONS, NON-VEGETATIVE MEANS OF PERMANENT GROUND STABILIZATION WILL HAVE TO BE EMPLOYED.
- UNFILTERED DEWATERING IS NOT PERMITTED. TAKE ALL NECESSARY PRECAUTIONS DURING ALL DEWATERING OPERATIONS TO MINIMIZE SEDIMENT TRANSFER. ANY DEWATERING METHODS USED MUST BE IN ACCORDANCE WITH STATE STANDARDS.
- 10. SHOULD THE CONTROL OF DUST AT THE SITE BE NECESSARY, THE SITE WILL BE SPRINKLED UNTIL THE SURFACE IS WET, TEMPORARY VEGETATIVE COVER SHALL BE ESTABLISHED OR MULCH SHALL BE APPLIED IN ACCORDANCE WITH STATE STANDARDS FOR EROSION CONTROL.
- 11. ALL SOIL WASHED, DROPPED, SPILLED, OR TRACKED OUTSIDE THE LIMIT OF DISTURBANCE OR ONTO PUBLIC RIGHT-OF-WAY WILL BE REMOVED IMMEDIATELY.
- 12. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY EROSION AND SEDIMENTATION THAT MAY OCCUR BELOW STORMWATER OUTFALLS OR OFFSITE AS A RESULT OF CONSTRUCTION OF THE PROJECT.
- 13. STOCKPILE AND STAGING LOCATIONS DETERMINED IN THE FIELD, SHALL BE PLACED WITHIN THE LIMITS OF DISTURBANCE ACCORDING TO THE CERTIFIED PLAN.
- 14. ALL PERMANENT SOIL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE MAINTAINED BY THE CONTRACTOR, AND SHALL BECOME THEIR RESPONSIBILITY.
- 15. PAVEMENT AREAS ARE TO BE KEPT CLEAN AT ALL TIMES.
- 16. DURING CONSTRUCTION, ANY ADDITIONAL CONTROL MEASURES AS DEEMED NECESSARY TO PREVENT EROSION OR CONTROL SEDIMENT BEYOND THOSE MEASURES SHOWN ON THE APPROVED PLAN SHALL BE INSTALLED OR EMPLOYED AT THE DIRECTION OF THE MUNICIPAL ENGINEER. MAINTENANCE PLAN DURING CONSTRUCTION:

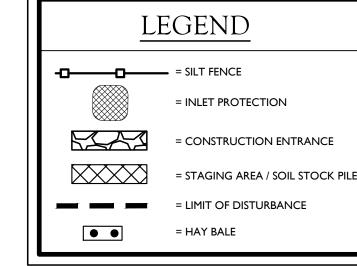
INSPECTION AND MAINTENANCE SHALL BE PERFORMED IN CONFORMANCE WITH GP-0-15-002. ALL EROSION AND SEDIMENT CONTROL PRACTICES WILL BE CHECKED FOR STABILITY AND OPERATION FOLLOWING EVERY RUNOFF-PRODUCING RAINFALL BUT IN NO CASE LESS THAN ONCE EVERY WEEK. ANY NEEDED REPAIRS WILL BE MADE IMMEDIATELY TO MAINTAIN ALL PRACTICES AS DESIGNED AND INSTALLED FOR THE PROJECT. SEDIMENT WILL BE REMOVED FROM BEHIND THE SILT FENCE WHEN IT BECOMES ABOUT 0.5 FT DEEP AT THE FENCE. THE SEDIMENT FENCE WILL BE REPAIRED AS NECESSARY TO MAINTAIN A BARRIER. ALL SEEDED AREAS WILL BE FERTILIZED, RESEEDED AS NECESSARY, AND MULCHED ACCORDING TO SPECIFICATIONS IN THE LANDSCAPE PLAN TO MAINTAIN A VIGOROUS, DENSE VEGETATIVE COVER.

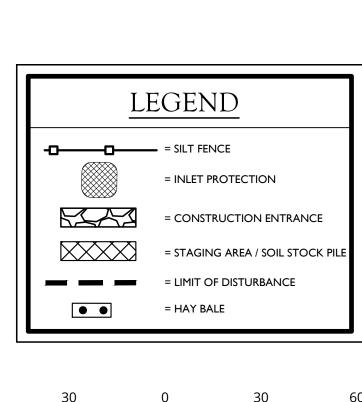
SEQUENCE OF CONSTRUCTION FOR EROSION CONTROL

- I. THE ENGINEERING INSPECTOR SHALL BE NOTIFIED IN WRITING AT LEAST 48 HOURS PRIOR TO THE START OF ANY WORK.
- 2. PRIOR TO THE COMMENCEMENT OF ANY SITE WORK THE APPLICANT SHALL INSTALL THE SOIL EROSION AND SEDIMENT CONTROLS AS PER THE APPROVED PLANS, WHICH INCLUDES THE SILT FENCES, INLET FILTERS AND HAYBALES. ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL CONFORM TO THE LATEST VERSION OF THE NEW YORK STANDARDS AND SPECIFICATIONS FOR EROSION AND SEDIMENT CONTROL.
- 3. CONSTRUCT AND MAINTAIN THE CONSTRUCTION ENTRANCES AS SHOWN ON THE PLANS AND DETAILS. STAGING AND STORAGE AREA SHALL BE SET UP IN THE LOCATIONS DESIGNATED ON THE PLANS.
- 4. DEMOLISH EXISTING SITE IMPROVEMENTS (SIDEWALKS, PAVEMENT, CURBING, ETC.) AS SHOWN ON THE DEMOLITION PLAN WITH THE EXCEPTION OF THE EXISTING DWELLING AND DRIVEWAY. ALL MATERIAL TO BE CRUSHED AND STOCKPILED ON SITE.
- 6. CONSTRUCT PROPOSED BUILDING FOUNDATIONS.
- 7. INSTALL PROPOSED UTILITIES AND CONNECT EXISTING DWELLING TEMPORARILY. DEMOLISH EXISTING UTILITY CONNECTIONS.
- 8. EXCAVATE FOR AND CONSTRUCT THE DRAINAGE IMPROVEMENTS PROGRESSING UPSTREAM. PROVIDE INLET PROTECTION ON EXISTING AND PROPOSED DRAINAGE STRUCTURES.
- 9. INSTALL CURBING AND THEN PAVE (BASE COURSE) PARKING AREA AND DRIVE AISLES.
- 10. STABILIZATION THE OPERATOR SHALL INITIATE STABILIZATION MEASURES AS SOON AS PRACTICABLE IN PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED, BUT IN NO CASE MORE THAN 7 DAYS AFTER THE CONSTRUCTION ACTIVITY IN THAT PORTION OF THE SITE HAS TEMPORARILY OR PERMANENTLY CEASED. STABILIZATION MEANS COVERING OR MAINTAINING AN EXISTING COVER OVER SOIL. COVER CAN BE VEGETATIVE (E.G. GRASS, TREES, SEED AND MULCH, SHRUBS, OR TURF) OR NON-VEGETATIVE (E.G. GEOTEXTILES, RIP RAP, OR GABIONS).
- II. MAINTENANCE SEDIMENT SHALL BE REMOVED FROM SEDIMENT TRAPS WHENEVER THEIR CAPACITY HAS BEEN REDUCED BY TWENTY-FIVE (25) PERCENT FROM THE DESIGN CAPACITY. A FIXED VERTICAL SEDIMENT DEPTH MARKER SHOULD BE INSTALLED TO MONITOR THE CAPACITY.
- 12. ONCE NEW BUILDING IS HABITABLE, DEMOLISH EXISTING DWELLING, DISCONNECT TEMPORARY UTILITIES AND FINALIZE CONSTRUCTION OF REMAINING SITE IMPROVEMENTS INCLUDING THE, SIDEWALKS, LANDSCAPE AREAS, PARKING LOT, LIGHTING AND ANY OTHER OUTSTANDING ITEMS.
- 13. AFTER COMPLETION OF CONSTRUCTION, FINISH GRADE TO FINAL ELEVATIONS AND APPLY SEED OR SOD ON ALL LAWN AREAS.
- 14. AFTER STABILIZATION HAS BEEN ESTABLISHED CLEAR DRAINAGE PIPES AND STRUCTURES OF ANY SEDIMENT WHICH MAY HAVE ACCUMULATED. REMOVE ALL EROSION CONTROL DEVICES.
- 15. MAINTAIN ALL LAWN AND LANDSCAPED AREAS TO ENSURE A VIABLE STABILIZED VEGETATIVE COVER.
- 16. ADDITIONAL EROSION CONTROL MEASURES SHALL BE INSTALLED, AS MAY BE REQUIRED AND REQUESTED BY AUTHORITIES, TO PREVENT THE INCIDENTAL DISCHARGE OF SILT LADEN RUNOFF FROM ENTERING A WATER COURSE OR A DRAINAGE SYSTEM.
- 17. THE GENERAL PERMIT FOR STORM WATER DISCHARGES FROM CONSTRUCTION ACTIVITIES STATES THAT IT IS UNLAWFUL FOR ANY PERSON TO CAUSE OR CONTRIBUTE TO A VIOLATION OF WATER QUALITY STANDARDS.

WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED, SOIL SHALL NOT BE EXPOSED MORE THAN SEVEN (7) DAYS. CONTRACTOR SHALL INITIATE STABILIZATION MEASURES IN ACCORDANCE WITH SOIL EROSION & SEDIMENT CONTROL NOTE #7 ON THIS PLAN

THIS PLAN TO BE UTILIZED FOR EROSION CONTROL PURPOSES ONLY.





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PRELIMINARY SITE PLAN

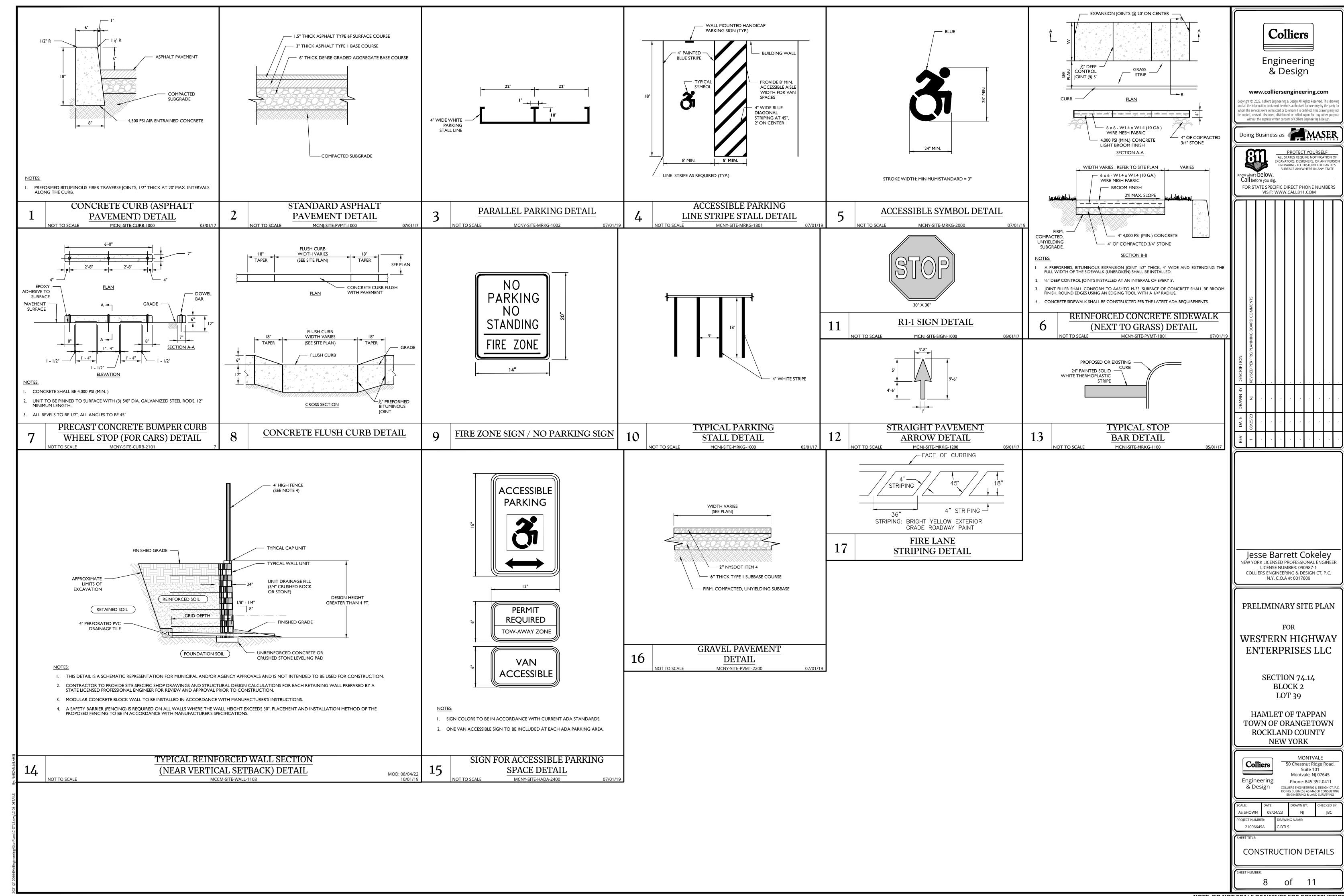
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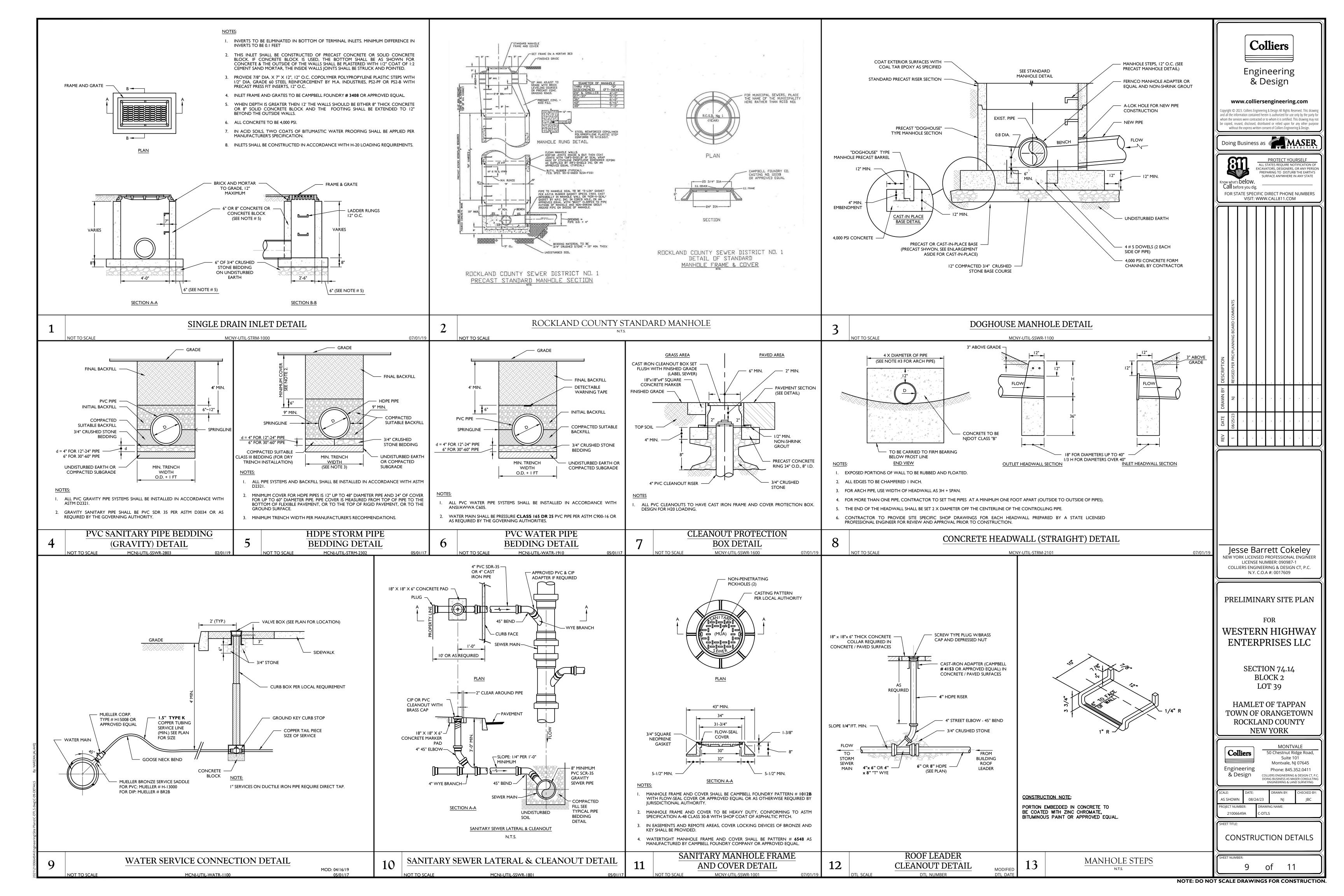
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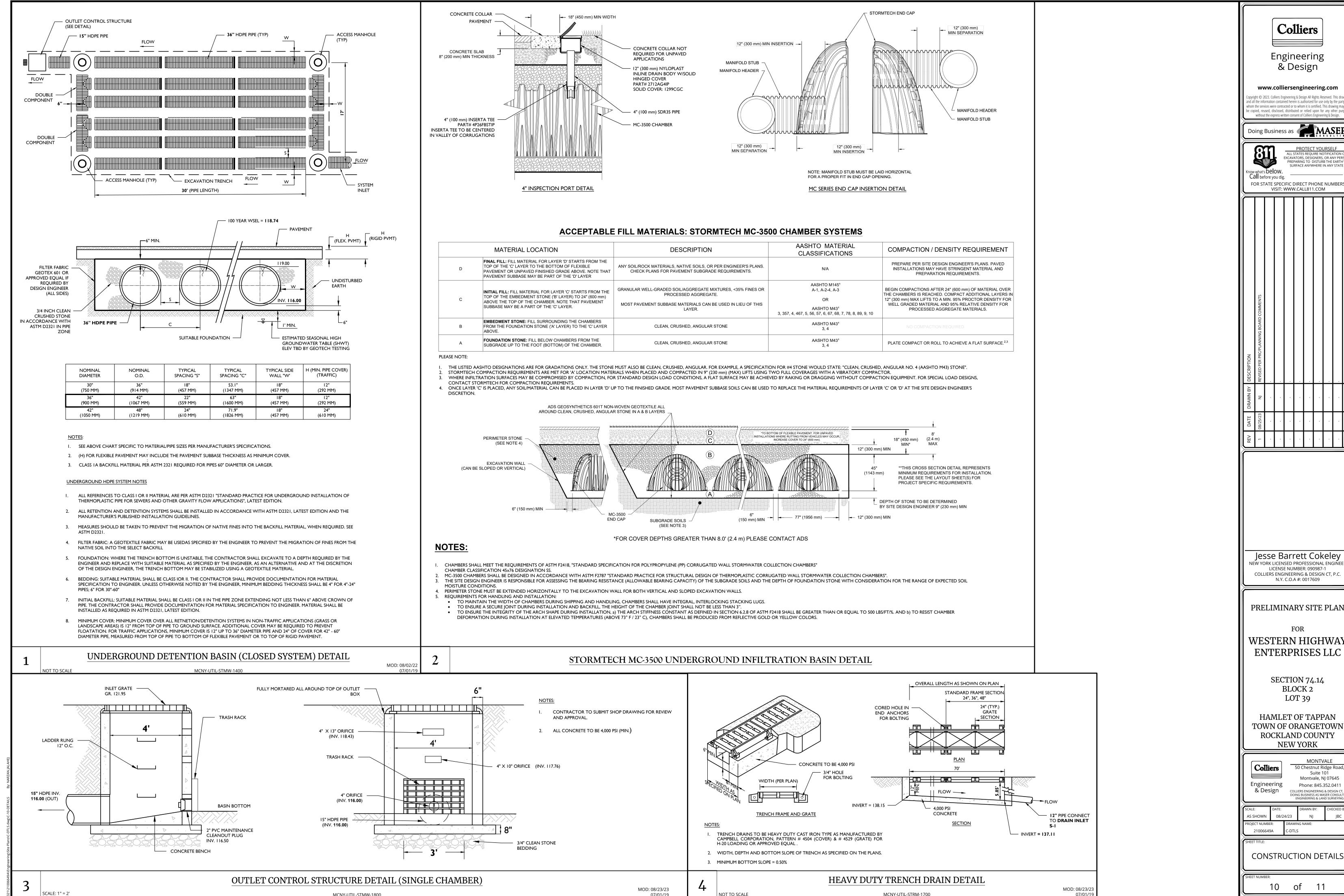
HAMLET OF TAPPAN TOWN OF ORANGETOWN ROCKLAND COUNTY **NEW YORK**

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SOIL EROSION & SEDIMENT CONTROL PLAN







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SECTION 74.14

BLOCK 2

LOT 39

HAMLET OF TAPPAN

ROCKLAND COUNTY

NEW YORK

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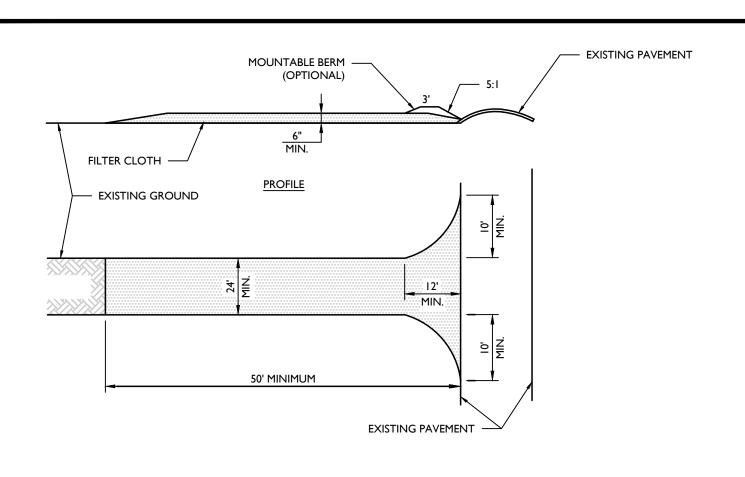
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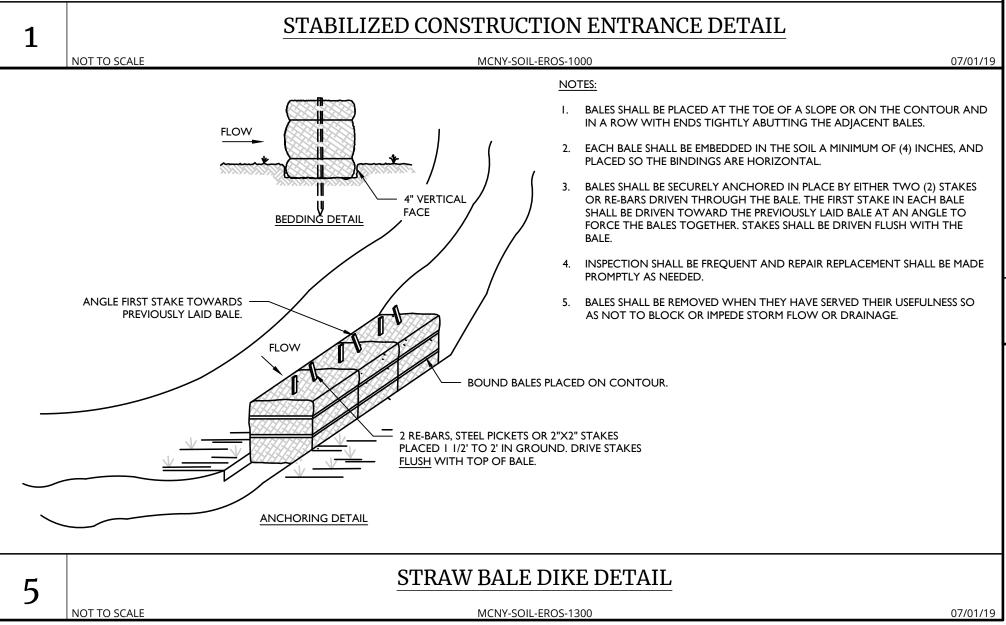
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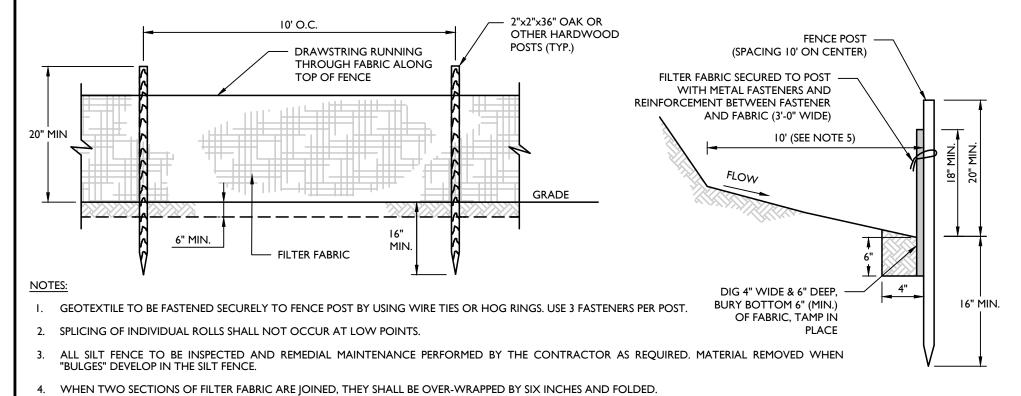
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PLAN VIEW

- I. STONE SIZE USE 2" STONE, OR RECLAIMED OR RECYCLED CONCRETE EQUIVALENT. LENGTH: NOT LESS THAN 50 FEET. THICKNESS: NOT LESS THAN (6) INCHES.
- 2. WIDTH 24'
- 3. FILTER CLOTH WILL BE PLACED OVER THE ENTIRE AREA PRIOR TO PLACING OF STONE.
- 4. SURFACE WATER ALL SURFACE WATER FLOWING OR DIVERTED TOWARD CONSTRUCTION ENTRANCES SHALL BE PIPED ACROSS THE ENTRANCE. IF PIPING IS IMPRACTICAL, A MOUNTING BERM WITH 5:1 SLOPES WILL BE PERMITTED.
- MAINTENANCE THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY. ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACKED ONTO PUBLIC RIGHTS-OF-WAY MUST BE REMOVED IMMEDIATELY.
- WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH STONE AND WHICH DRAINS INTO AN APPROVED SEDIMENT TRAPPING DEVICE. PERIODIC INSPECTION AND NEEDED MAINTENANCE SHALL BE PROVIDED BY THE CONTRACTOR AS REQUIRED.



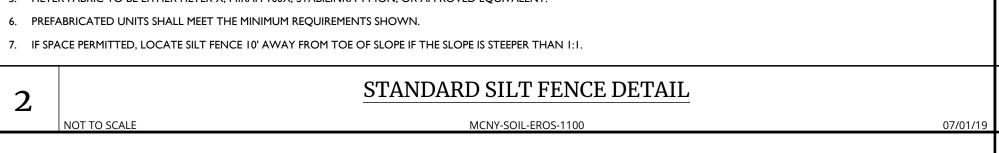


- 5. FILTER FABRIC TO BE EITHER FILTER X, MIRAFI 100X, STABILINKA T14ON, OR APPROVED EQUIVALENT.

PAVEMENT

3/4 " CLEAN STONE TO SEAL GAPS -

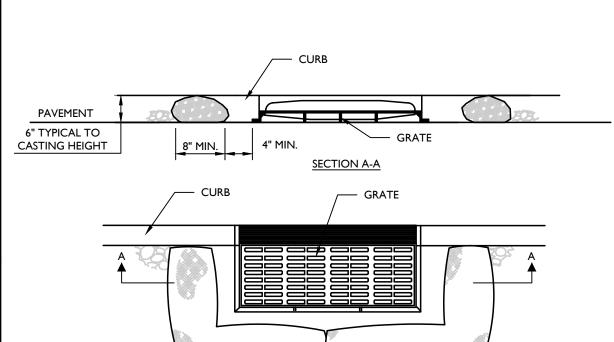
(IF NEEDED)



GEOTEXTILE COMPOST

FILLED TUBE OR SAND BAGS

MCNY-SOIL-EROS-1500

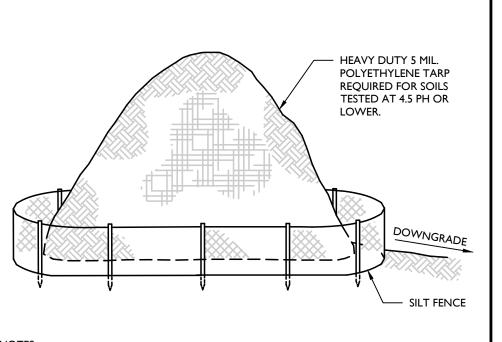


PLAN VIEW

I. GEOTEXTILE TO BE WOVEN POLYPROPYLENE PRODUCT, OR 2. FILLER CORE MAY BE SAND, COMPOST, OR PEA GRAVEL COMPLETELY CONTAINED WITHIN GEOTEXTILE. SEAMS, CLOSED BY SUITABLE MECHANICAL MEANS TO PREVENT LEAKAGE OF

- WHERE NO CURB IS PRESENT, BARRIER SHALL COMPLETELY ENCIRCLE THE DRAIN INLET.
- 4. INLET GRATE OPENING IS TO BE KEPT CLEAR OF OBSTRUCTIONS
- 5. THE PROTECTION DEVICE WILL BE DESIGNED TO CAPTURE OR FILTER RUNOFF FROM THE 1 YEAR/ 24 HOUR STORM EVENT AND SHALL SAFELY CONVEY HIGHER FLOWS DIRECTLY INTO THE STORM SEWER SYSTEM.
- 6. OTHER METHODS THAT ACCOMPLISH THE PURPOSE OF STORM SEWER INLET PROTECTION MAY BE USED IF APPROVED BY THE
- 7. INSPECTIONS SHALL BE FREQUENT. MAINTENANCE, REPAIR, AND REPLACEMENT SHALL BE MADE PROMPTLY AS NEEDED. THE BARRIER SHALL BE REMOVED WHEN THE AREA DRAINING TOWARDS THE INLET HAS REACHED FINAL STABILIZATION.

INLET PROTECTION (FILTER BARRIER) DETAIL



ALL STOCKPILES SHALL NOT TO BE LOCATED WITHIN 50 FEET OF A FLOODPLAIN, SLOPE, ROADWAY OR DRAINAGE FACILITY.

TOPSOIL STOCKPILE DETAIL

CONCRETE -HEADWALL OR FLARED END SECTION RECEIVING GRADE OR CHANNE D50 STONE SIZE I. SEE PLAN FOR APRON DIMENSIONS. 2. SIDE SLOPE SHALL BE 2:1 OR FLATTER. THE BOTTOM GRADE SHALL BE LEVEL (0% SLOPE THERE SHALL BE NO FALL AT THE END OF APRON TO THE RECEIVING SURFACE.

CONDUIT OUTLET

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N.Y. C.O.A #: 0017609

PRELIMINARY SITE PLAN

FOR

WESTERN HIGHWAY ENTERPRISES LLC

> SECTION 74.14 BLOCK 2 LOT 39

HAMLET OF TAPPAN TOWN OF ORANGETOWN ROCKLAND COUNTY **NEW YORK**

MONTVALE

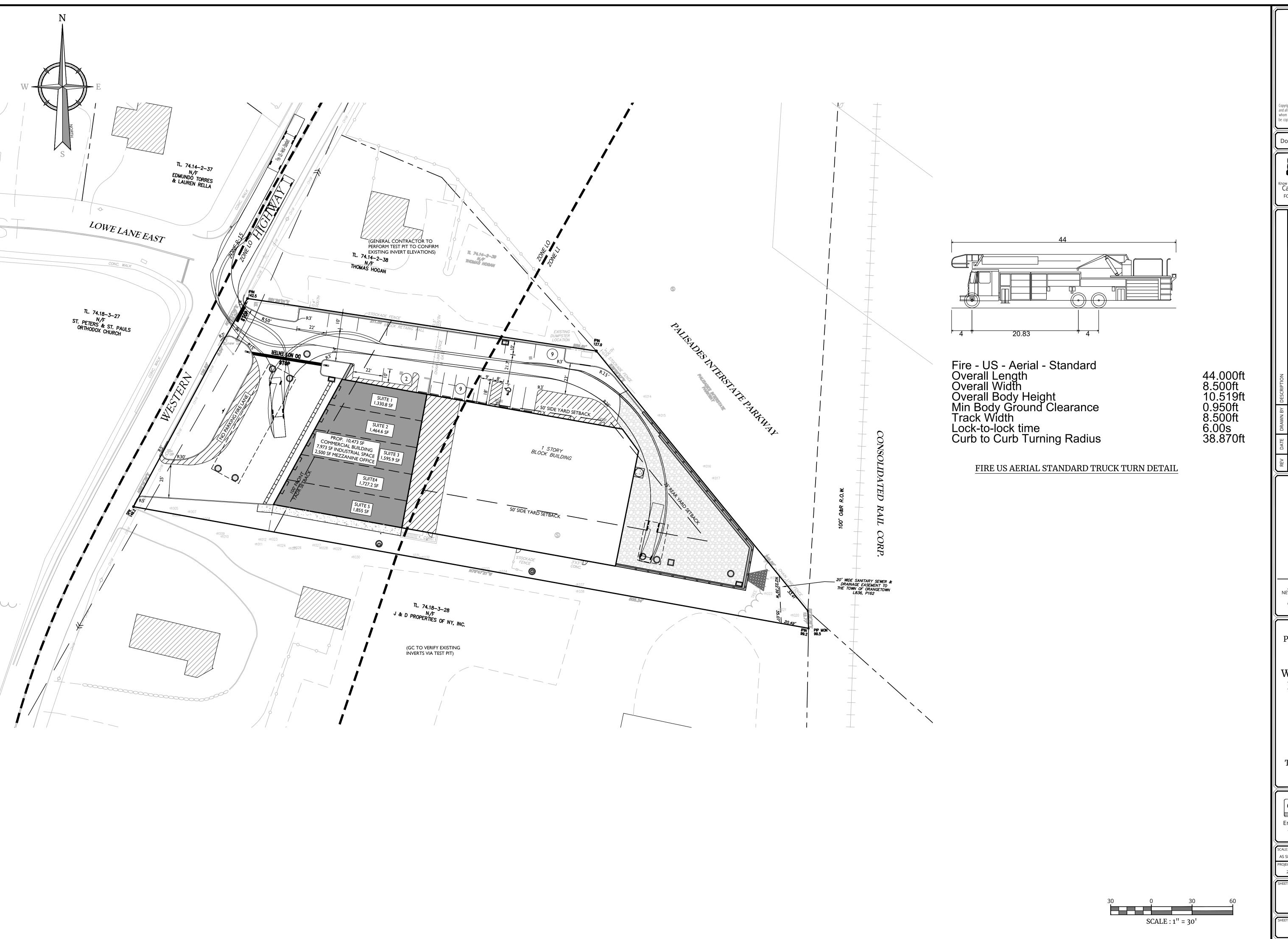
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CONSTRUCTION DETAILS

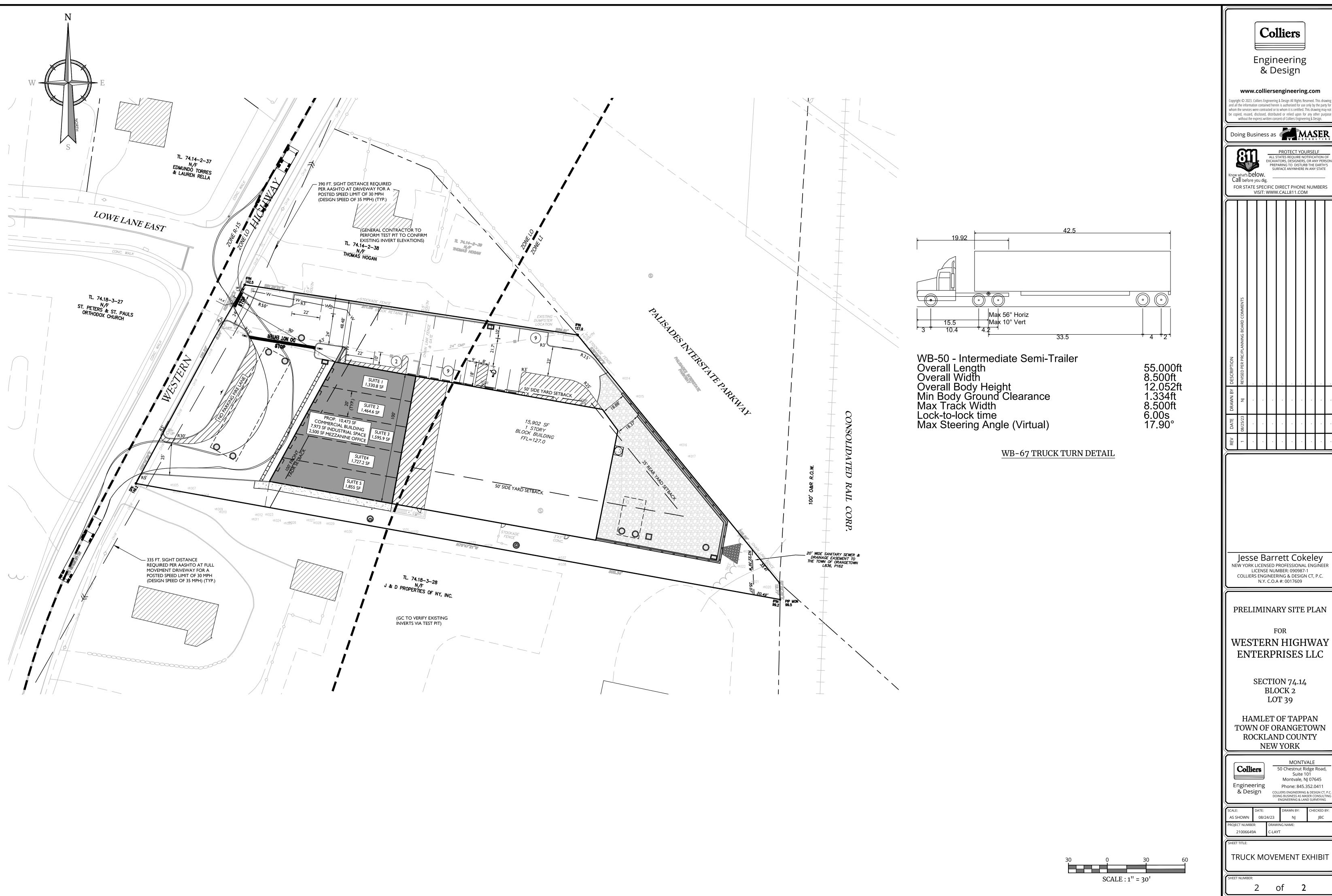
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COLLIERS ENGINEERING & DESIGN CT, P.C. N.Y. C.O.A #: 0017609 PRELIMINARY SITE PLAN **WESTERN HIGHWAY** ENTERPRISES LLC SECTION 74.14 BLOCK 2 LOT 39 HAMLET OF TAPPAN TOWN OF ORANGETOWN ROCKLAND COUNTY **NEW YORK** MONTVALE Colliers 50 Chestnut Ridge Road, Montvale, NJ 07645 Engineering Phone: 845.352.0411 COLLIERS ENGINEERING & DESIGN CT, P. DOING BUSINESS AS MASER CONSULTIN ENGINEERING & LAND SURVEYING & Design FIRE TRUCK MOVEMENT **EXHIBIT**

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