

Proposed Building Expansion
F & C Professional Aluminum Railing Corp.
1143-1147 West Front Street, Block 227, Lot 13 and 14
City of Plainfield, Union County, New Jersey

LIST OF DRAWINGS	
Dwg No.	Title
C 00.1	Title Sheet, Zoning Data, Map Data
C 00.2	Notes, Zoning Data, Adjacent Owners List
C 1.0	Site Plan, Grading and Drainage Plan
C 1.10	Vehicle Circulation Plan
C 2.0	Shop Building Floor Plan
C 3.0	Shop Building Elevations
C 4.0	Lighting Plan
C 4.1	Lighting Details and Notes
C 5.0	Soil Erosion Plan
C 6.0	Construction Details

PROJECT DESCRIPTION

THE PROJECT ENTAILS THE CONSTRUCTION OF A NEW ONE STORY, 9,600 SF MANUFACTURING/ STORAGE BUILDING TO EXPAND THE CAPACITY OF AN EXISTING ALUMINUM RAILING MANUFACTURING COMPANY. THE BUILDING WILL BE CONSTRUCTED ON AN EXISTING VACANT TRACT OF LAND THAT IS LAND LOCKED, AND WILL BE AN ADDITION TO AN EXISTING 2,600 SF SHOP AND STORAGE BUILDING. THE NEW BUILDING, AS WELL AS THE EXISTING SHOP/STORAGE BUILDING WILL BE FULLY SPRINKLERED. TO PROVIDE ADEQUATE FIRE PROTECTION TO THE STRUCTURES. SITE AMENITIES INCLUDING LANDSCAPING, LIGHTING AND PARKING WILL BE PROVIDED. THE SITE IS LOCATED IN THE B4 -NEIGHBORHOOD BUSINESS DISTRICTS AND THE PROPOSED PROJECT INVOLVES THE EXPANSION OF A NON-CONFORMING USE. THE PROPOSED PROJECT IS IN HARMONY WITH THE EXISTING CHARACTER OF THIS SECTION OF THE CITY OF PLAINFIELD.

HOURS OF OPERATION: 7:00 AM TO 5:00 PM Monday - Friday
NUMBER OF SHIFTS: 1
MAX. NO. OF EMPLOYEES /SHIFT: 8 - OFFICE, 8 - SHOP, 6 - DRIVERS
EXPECTED TRUCK TRAFFIC: 3 TO 6 STRAIGHT TRUCKS PER WEEK (No Tractor Trailers)

VARIANCES REQUIRED: 6

1. Expansion of Non-Conforming Use
2. Lot Width (Existing Non-Conforming)
3. Lot Frontage (Existing Non-Conforming)
4. Parking Variance : 20 Spaces Required ; 9 Provided
5. Buffering (Ind. Use Adjacent to Residential) (Existing Non-Conforming)
6. Parking/Driveway Adjacent to Residential (Existing Non-Conforming)

Governing Regulations - Chapter 17 Schedule B City of Plainfield Bulk Zoning Requirements Land Use Ordinance of the City of Plainfield				
Zoning District - NC Neighborhood Commercial District				
	Required	Existing	Proposed	Variance /Waiver
BLOCK 227 Lots 13 and 14 1147-49 WEST FRONT STREET	NC			
Use		Mfg./Asmby	Mfg./Asmby	Variance
Minimum Lot Area (sf)	5,000	28,693	28,693	No
Maximum Density (du/acre)	25			
Min. Lot Width (ft.)	50.00	46.00	46.00	ENC
Min. Frontage (ft.)	50.00	46.00	46.00	Variance
Min. Lot Depth (ft.)	100.00	156.00 avg	156.00 avg	No
Minimum Yards (ft.)				
Front	0.00	5.10	5.10	No
Side (One/Both)	0/0	0/11.90	0/11.90	No
Rear	10.00	35.00	35.00	No
Min. No. of Stories	n/a			
Max. Building Height				
Feet	35.00	14.00	23.00	No
Stories	3.0	1	1	No
Maximun Coverage				
Building (%)	60.00	20.40	54.00	No
Impervious (%)	80.00	58.40	80.00	No
Max. Floor Area Ratio {FAR} (%)	1.80	0.204	0.54	No
Buffering				
Industrial Adj. To Residential (ft.)	25	0	0	ENC
Parking/D'way Adj. to Residential (ft.)	10	0	0	ENC
Off-street Parking	20	-	9	Variance
Handicap Spaces		-	1	No
Off-street Loading	2	-	2	NO
Design Waivers	ENC - Existing Non-Conforming			
-				
-				

OWNER/APPLICANT:

F & C Professional Aluminum Railing Corp.
1143 West Front Street
Plainfield, New Jersey 07016

CITY OF PLAINFIED BOARD OF ADJUSTMENT APPROVAL

APPROVED BY THE BOARD OF ADJUSTMENT OF THE CITY OF PLAINFIELD,
UNION COUNTY, NEW JERSEY, AT MEETING HELD ON _____

CHAIRMAN	DATE
SECRETARY	DATE
BOARD ENGINEER	DATE



391 Littleton Avenue
Newark, New Jersey 07103

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973 624 9045 Fax

MAURICE A. BROWN, PE
NJ 24GE02991900
NY 062747
PA 038759
MD 40283

NJ CERTIFICATE OF AUTHORIZATION No. 24GA28169100

Consultant
Address
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e-mail

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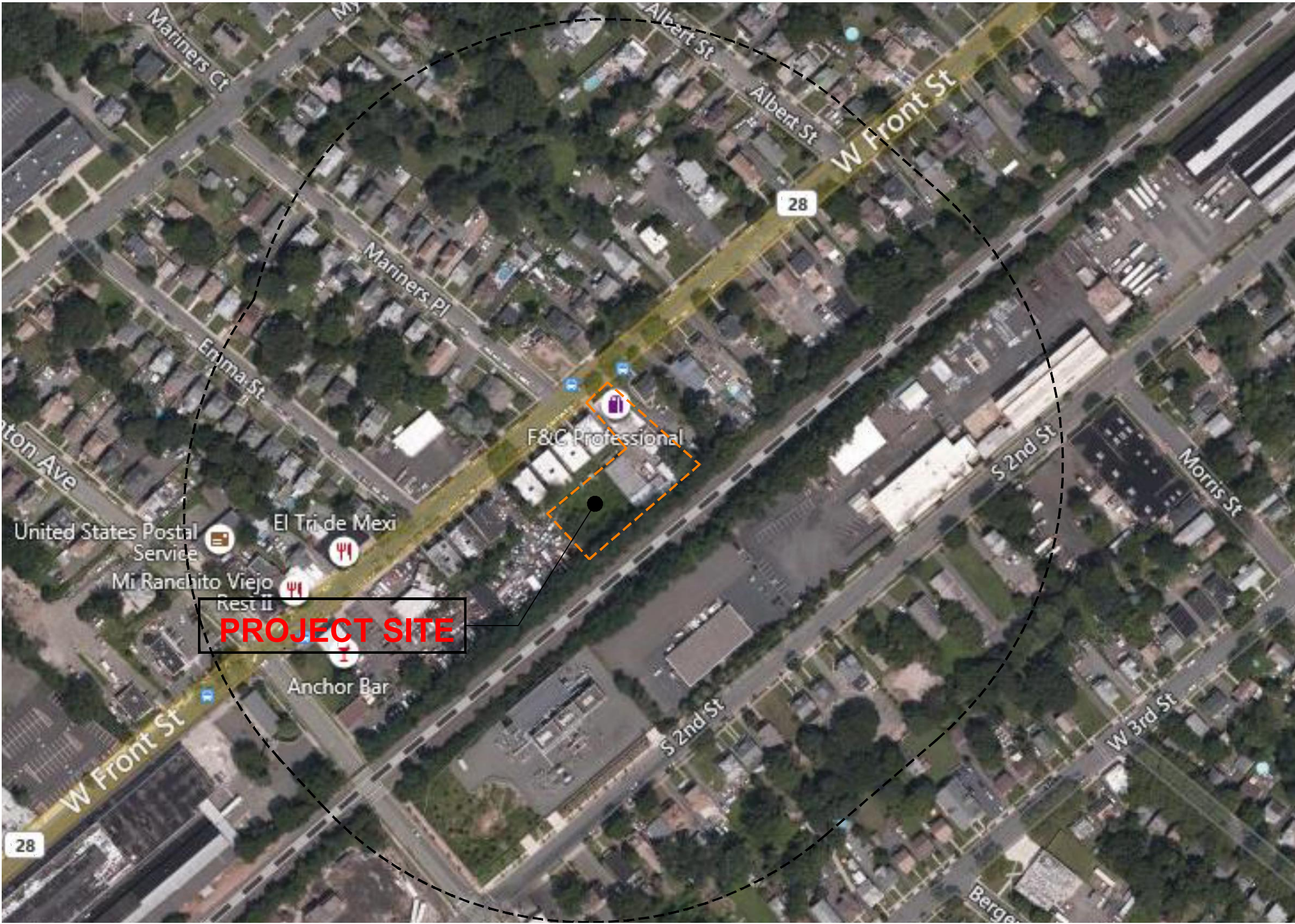
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2	Add Vehicle Turning Movement	11/07/2020
3	Revisions Per Completeness Review	11/10/2021
4	Final Site Plan Application/Hearing	07/15/2022

TITLE SHEET, ZONING
DATA, MAP DATA,

Project number	2018.01
Date	April 09, 2018
Drawn by	Carp
Checked by	MAB

C 00.1

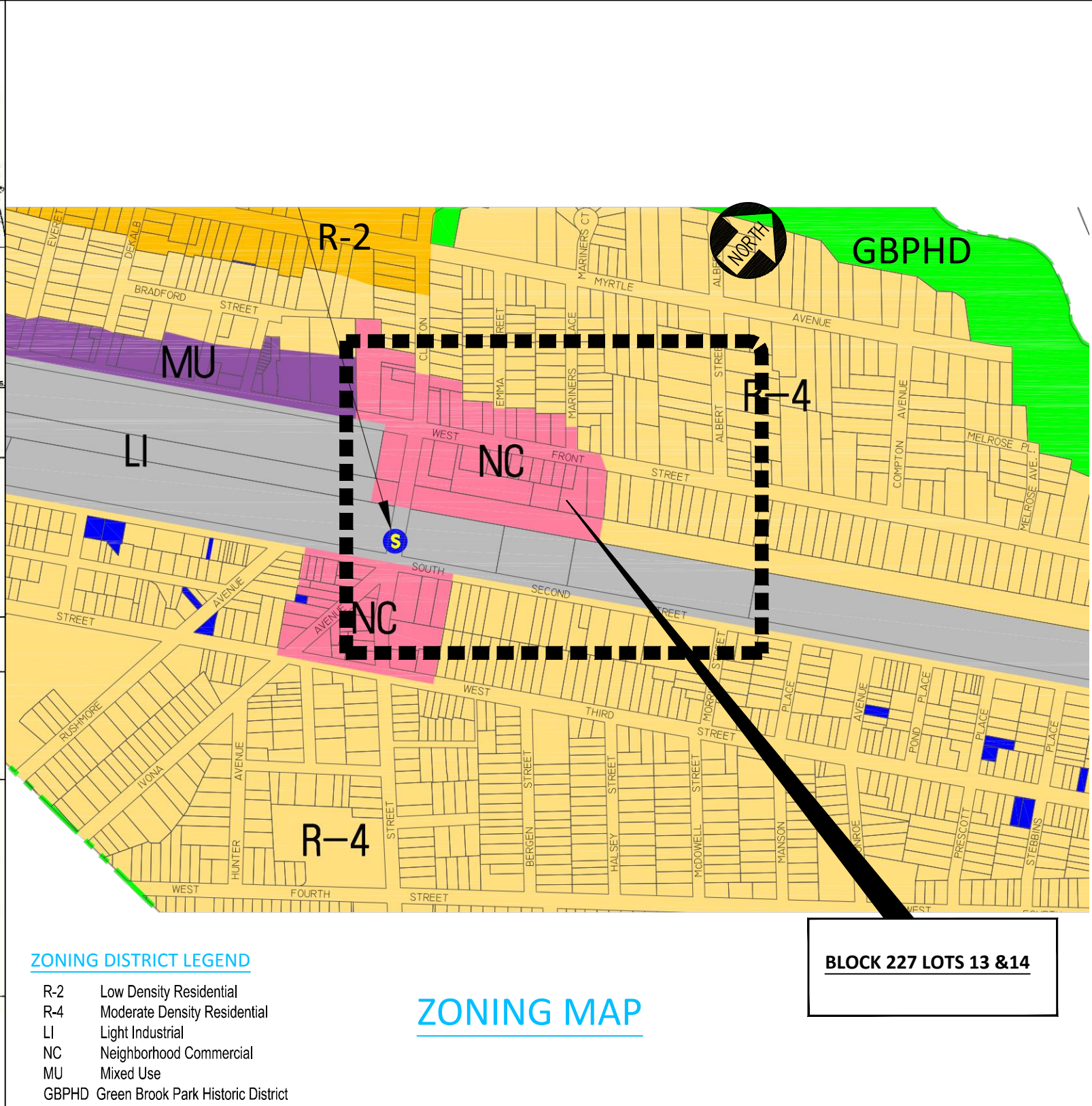
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KEY MAP



200 FT. RADIUS MAP



ZONING DISTRICT LEGEND
R-2 Low Density Residential
R-4 Moderate Density Residential
LI Light Industrial
NC Neighborhood Commercial
MU Mixed Use
GBPHD Green Brook Park Historic District

ZONING MAP

BLOCK 227 LOTS 13 &14

NOTES

- THIS PROJECT SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE CONSTRUCTION STANDARDS AND SPECIFICATIONS ESTABLISHED BY THE CITY OF PLAINFIELD, AND ALL OTHER AGENCIES HAVING JURISDICTION.
- THESE SITE PLAN DOCUMENTS ARE BASED ON SURVEY INFORMATION OBTAINED FROM DRAWING ENTITLED " PLAN OF SURVEY, TAX LOT 13 & 14 IN BLOCK 227, 1147-1149 WEST FRONT STREET, CITY OF PLAINFIELD, UNION COUNTY, NEW JERSEY," PREPARED BY LEEPER LAND GROUP, DATED 01-11-2016.
- REFER TO DRAWING NO's C6.0 FOR CONSTRUCTION DETAILS.
- CONTRACTOR SHALL REMOVE EXISTING ON-SITE IMPROVEMENTS AS SHOWN AND ALL OTHER ENCROACHMENT WHICH INTERFERE WITH THE NEW WORK TO BE ACCOMPLISHED.
- NEW IMPROVEMENTS SHALL BE CONSTRUCTED AS SHOWN ON PLANS.
- WHERE EXCAVATION IS TO BE DONE IN OR ADJACENT TO EXISTING PAVEMENT FOR WORK INCLUDED BUT NOT LIMITED TO THE CONSTRUCTION OF NEW PAVEMENT AND THE INSTALLATION OF UNDERGROUND UTILITIES, CONTRACTOR SHALL SAW CUT ALONG THE AREAS TO BE DISTURBED. SAW CUT SHALL BE PERFORMED AT A DEPTH SUFFICIENT TO ALLOW THE COMPLETE REMOVAL OF THE BITUMINOUS PAVEMENT MATERIAL WITHOUT DAMAGE TO ADJACENT AREAS.
- THE LOCATION, SIZES AND TYPES OF THE UNDERGROUND UTILITIES SHOWN ON THESE DRAWINGS HAVE BEEN OBTAINED FROM AVAILABLE RECORDS AND FROM NORMAL SURVEYING PRACTICES. THE ACCURACY OF THIS INFORMATION IS NEITHER GUARANTEED OR IMPLIED. CONTRACTOR SHALL VERIFY THE LOCATION OF ALL UNDERGROUND UTILITIES PRIOR TO COMMENCEMENT OF ANY EXCAVATION.
- ALL PROPOSED DRAINAGE WORK SHALL BE IN CONFORMANCE WITH THE MOST RECENT STANDARDS OF THE NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION (N.J.D.E.P.E).
- ALL EXISTING CASTINGS WITHIN THE PROJECT LIMIT TO REMAIN SHALL BE ADJUSTED, AS NECESSARY, SO THAT THEY WILL BE FLUSH WITH THE FINISHED GRADE AFTER COMPLETION OF WORK.
- ANY DAMAGE TO UTILITIES, INCLUDING BUT NOT LIMITED TO MANHOLES, CASTINGS, LINES, CAUSED BY THE CONTRACTOR'S WORK SHALL BE REPAIRED OR REPLACED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE PROJECT.
- ALL GAS AND ELECTRICAL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE CONSTRUCTION STANDARDS AND DETAILS REQUIRED AND ESTABLISHED BY THE PUBLIC SERVICE ELECTRIC AND GAS COMPANY (PSE&G), NEW JERSEY.
- THE CONTRACTOR, FOR THE PURPOSE OF SAFETY, SHALL NOTIFY THE UTILITY COMPANIES INVOLVED IF ANY OF THEIR UTILITIES ARE EXPOSED AND/OR UNDERMINED DURING THE COURSE OF CONSTRUCTION. THE CONTRACTOR SHALL ADHERE TO ALL RULES AND REGULATION OF INDUSTRIAL CODES THAT GOVERNS HIS OPERATIONS.
- LOCATION OF UTILITIES ENTERING BUILDING ARE APPROXIMATE. FINAL LOCATION SHALL BE DETERMINED IN THE FIELD AND APPROVED BY THE OWNER AND THE ENGINEER.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL FINAL SITE CLEANING. CLEANING SHALL BE PERFORMED TO THE SATISFACTION OF THE OWNER.
- TOP OF CURB ELEVATION IS 6 INCHES ABOVE BOT. OF CURB ELEVATION SHOWN ON DRAWINGS TYP.
- THE CONTRACTOR SHALL BE RESPONSIBLE TO REPAIR/RESTORE ALL CONDITIONS OF DAMAGE IN THE PUBLIC RIGHT OF WAY RESULTING FROM WORK UNDER THIS PROJECT. ALL REPAIR/RESTORATION SHALL BE OF EQUAL OR GREATER STANDARD.
- WHERE VEHICULAR TRAFFIC CROSSES SIDEWALK CONSTRUCT SIDEWALK SECTION IN ACCORDANCE WITH CONCRETE APRON DETAIL.

PARKING COMPUTATIONS								
1147-1149 WEST FRONT STREET, BLOCK 227, LOTS 13 & 14 CITY OF PLAINFIELD, NEW JERSEY 07060								
ZONING DISTRICT -NC NEIGHORHOOD COMMERCIAL; USE - MANUFACTURING AND ASSEMBLY § 17.9-43.J								
AREA	USE GROUP	CONSTR. CLASS.	USE CATEGORY	SPACE USAGE		TOTAL AREA	Parking Space Req. Per Zoning Ord. Gross Fl. Area /Space	TOTAL SPACES
				USE AREA	COM. SPACE PROPORTION			
Main Bldg. (ShowRm)	B	VB	Sales/Show Room	1,629	-	1,629	400 *	4.1
Main Bldg. (Office)	B	VB	Offices	1,629	-	1,629	400	4.1
Shop/Storage	B	V & II	Mfg./Assembly	12,235	-	12,235	1000	12.2
					-	-		
					-	-		
					-	-		
					-	-		
					-	-		
				15,493	-	15,493		20.4
								SAY 20 SPACES

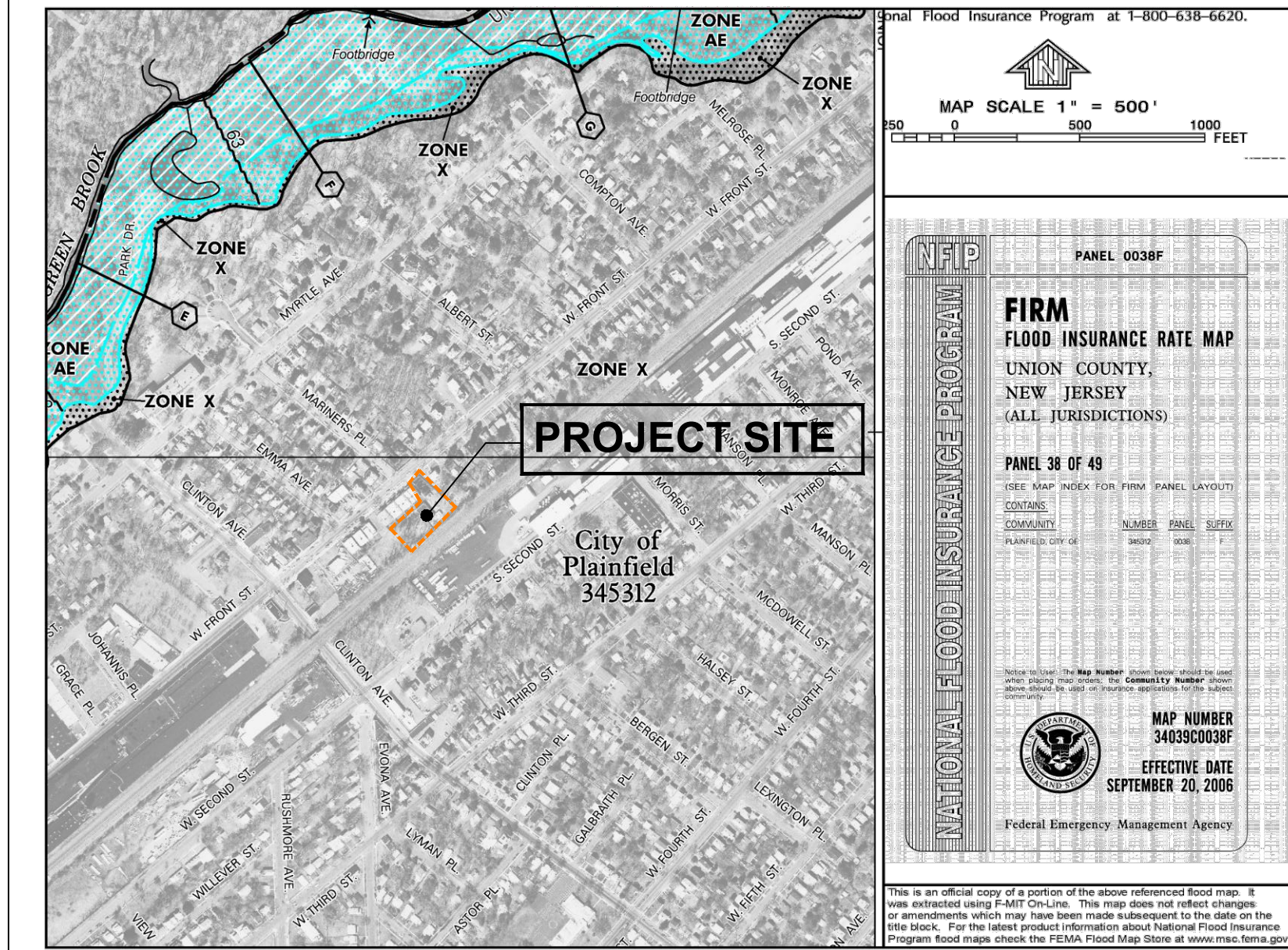
* Use 2.5 Spaces per 1,000 sf of Gross Floor Area of Interior Sales Space
50% of Main Building used for Sales Purposed; 50% of Main Building used for Offices

SITE COVERAGE

COVERAGE	EXISTING	PROVIDED
TOTAL LOT AREA sf..(%)	28,693 (100%)	28,693 (100%)
AREA OF PROPERTY COVERED BY BUILDINGS sf. (impervious)	5,858 (20.4%)	15,493 (54.0%)
AREA OF PROPERTY COVERED BY PARKING, WALKS, D'WAYS, PAVED SURFACES, sf, (impervious)	10,895 (38.0%)	7,460 (26.0%)
AREA OF PROPERTY COVERED BY PLANTING, LANDSCAPING, POROUS PVM'T. sf. (pervious)	11,940 (41.6%)	5,739 (20.0%)

SANITARY SEWER CALCULATIONS (NJAC 7:14-23.3 a)				
Location	Area (sf.)	Number of Employees	Design Rate	Location Total (gpd)
Office +Showroom	3,258	8	0.10 gpd/sf	326
Shop + Storage	12,235	14	25 gpd/employee	350
Facility Total				676

(gpd - gallons per day)



FEMA- Flood Hazard Area Map
The project site is located outside the special flood hazard area Zone X

ADJACENT PROPERTY OWNERS LIST

The following utilities/cable television companies have registered with the City of Plainfield pursuant to N.J.8.A. 40:55D-12.1, and must receive a copy of your notice, sent by certified mail (along with the property owners on your 200-foot list) at least ten (10) days prior to the scheduled hearing date:

Plainfield Municipal Utilities Authority
127 Roosevelt Avenue
Plainfield , New Jersey 07060

Public Service Electric and Gas
1045 Westfield Avenue
P.O. Box 1885

Plainfield Public Works Department
515 Watchung Avenue
Plainfield , New Jersey 07060

Sunoco Pipeline L.P.
525 Fritztown Road
Sinking Spring, P A. 19608
ATTN: Manager, Right of Way
Manager, One-Call and Relocations

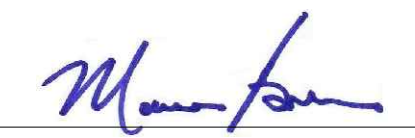
Comcast Cable
c/o George Palyca
800 Rahway A venue
Union, New Jersey 07083

LIST OF UTILITY COMPANIES

**C2EM URBAN, LLC**
Consulting Engineers

391 Littleton Avenue
Newark, New Jersey 07103

973 420 0666
973 624 9045 Fax



MAURICE A. BROWN, PE
NJ 24GE02991900
NY 062747
PA 038759
MD 40283

NJ CERTIFICATE OF AUTHORIZATION No. 24GA28169100

Consultant
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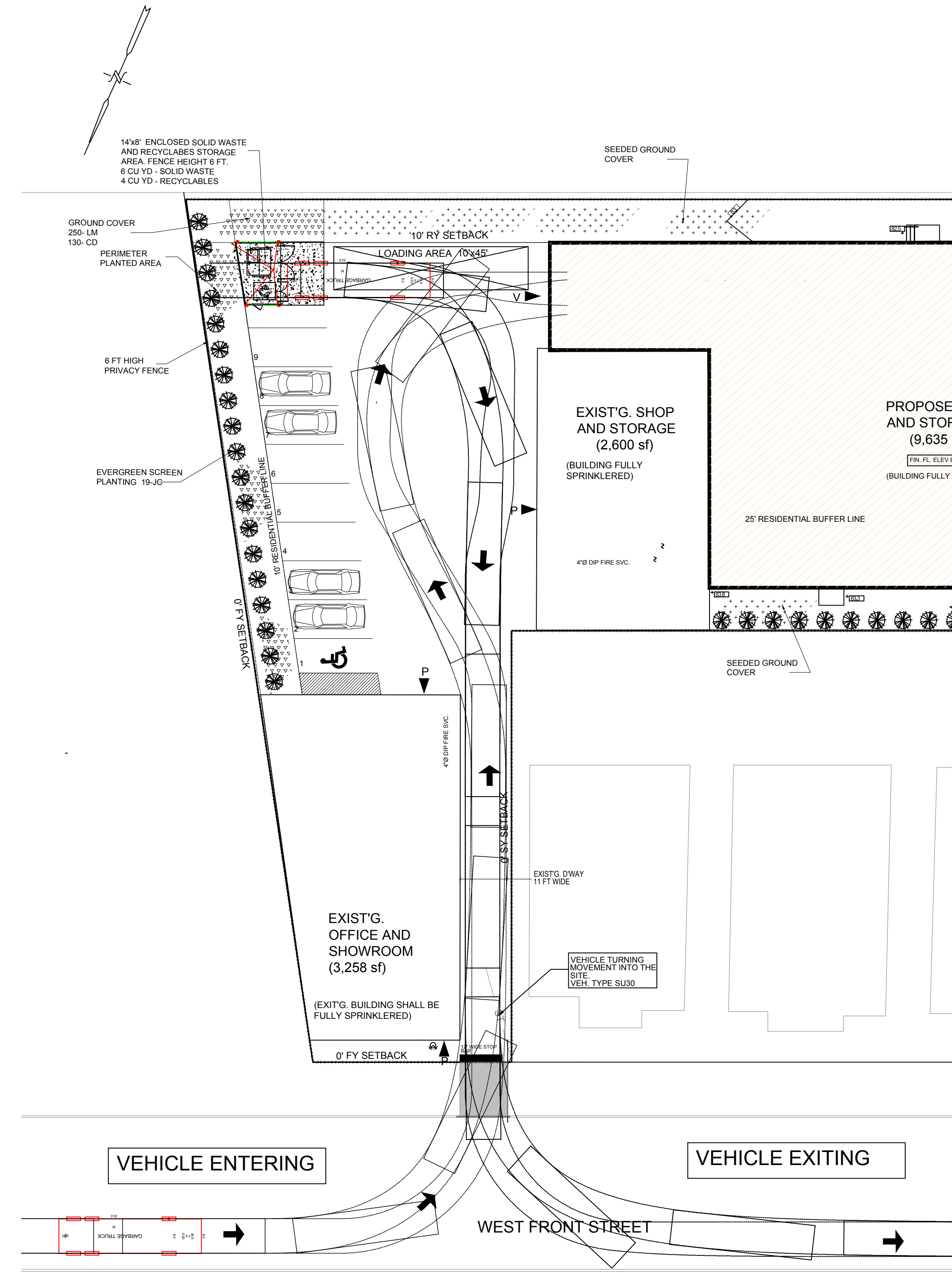
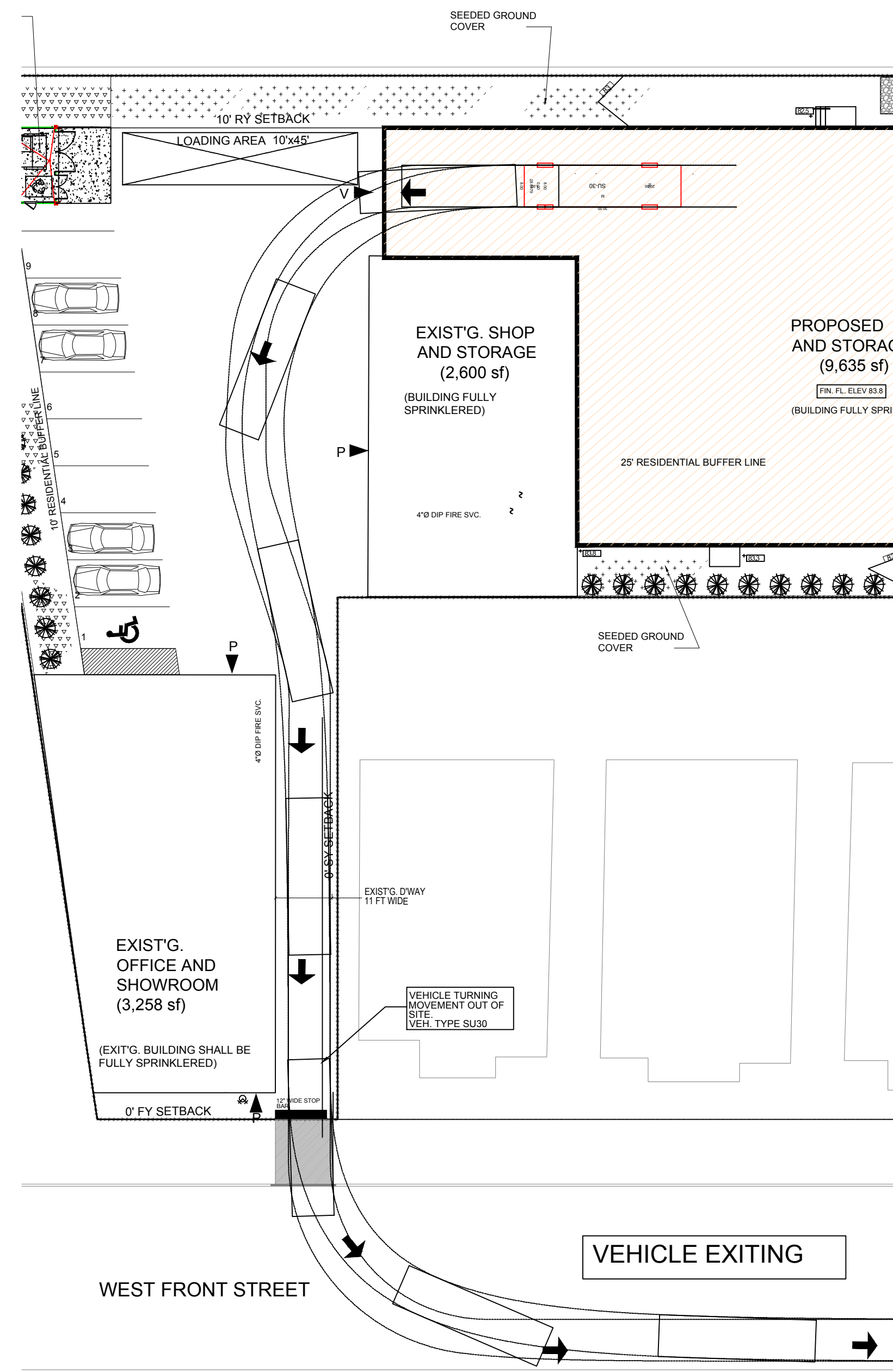
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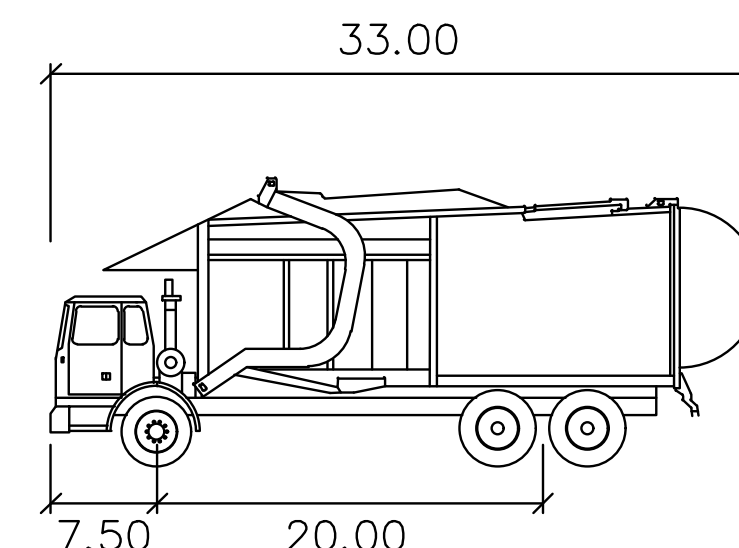
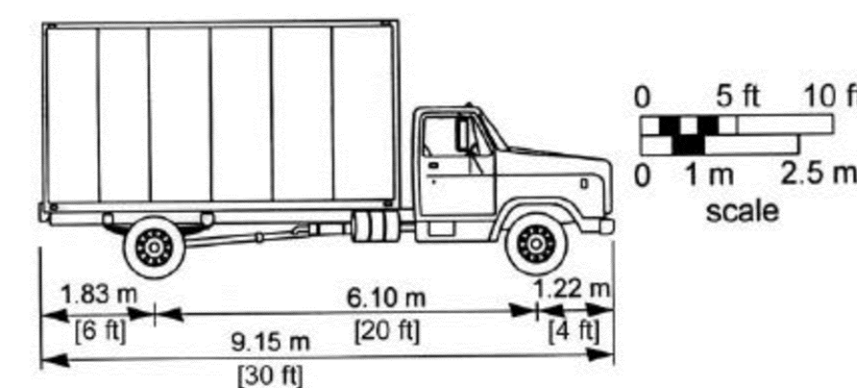
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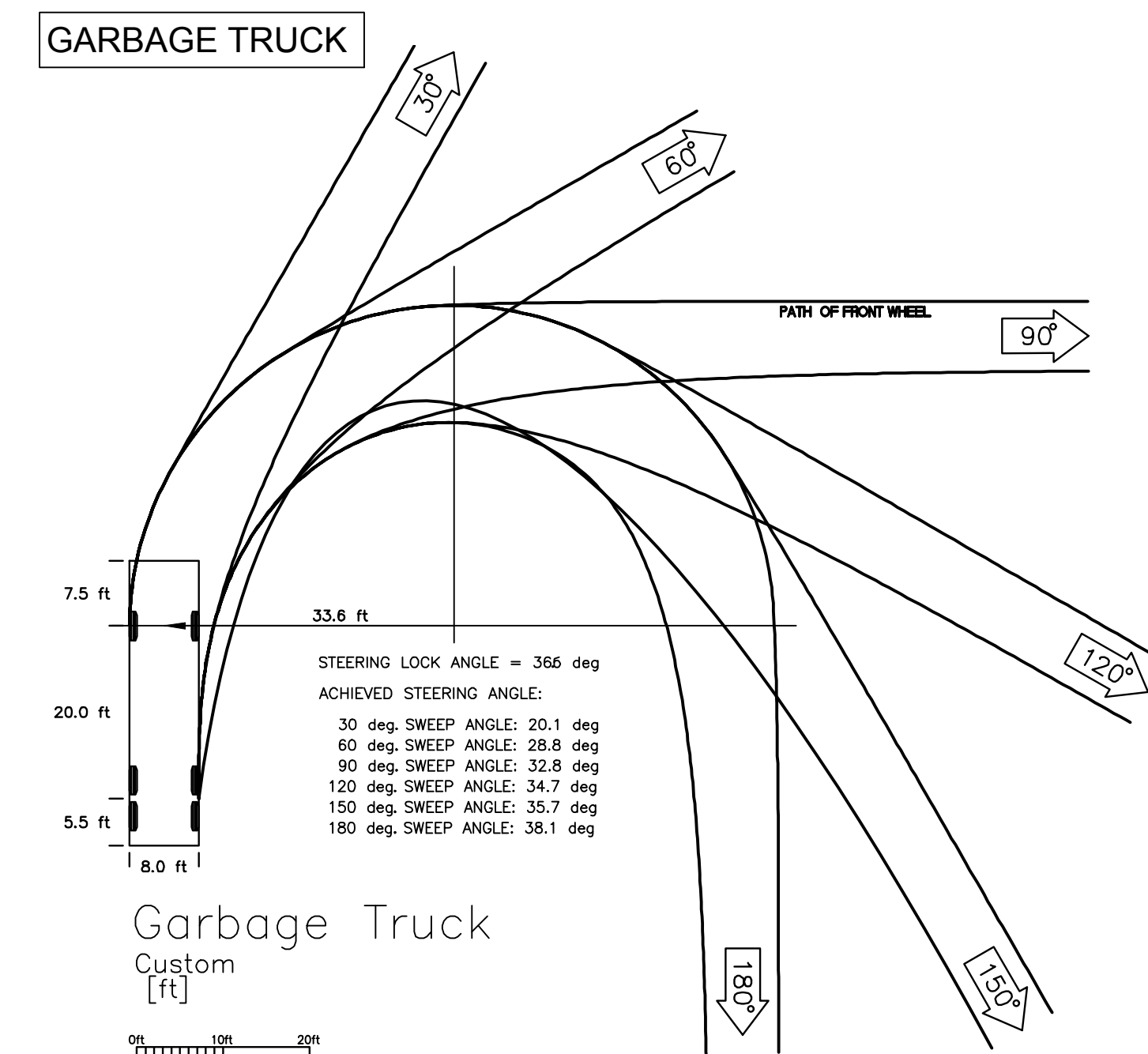


The diagram illustrates the turning path of a vehicle, showing the paths of the front and rear wheels and the vehicle's overhang. Key dimensions and labels include:

- Path of left front wheel**: Indicated by a dashed line.
- Path of right rear wheel**: Indicated by a dashed line.
- Path of front overhang**: Indicated by a dashed line.
- CTR = 11.58 m [38 ft]**: Center turning radius at front axle.
- Min. turning radius = 12.80 m [42 ft]**: Minimum turning radius.
- 13.26 m max [43.5 ft]**: Maximum turning radius.
- 8.64 m min [28.3 ft]**: Minimum turning radius.
- 2.44 m [8 ft]**: Vehicle width.
- Scale**: 0 to 10 ft and 0 to 2.5 m.
- Assumed steering angle is 31.7°**.
- CTR = Center turning radius at front axle**.



Garbage Truck	
Width	: 8.00 feet
Track	: 8.00
Lock to Lock Time	: 6.0
Steering Angle	: 36.5



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Checked by	MAB

C-1.10

Scale	As Noted
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NJ CERTIFICATE OF AUTHORIZATION No. 24GA28169100

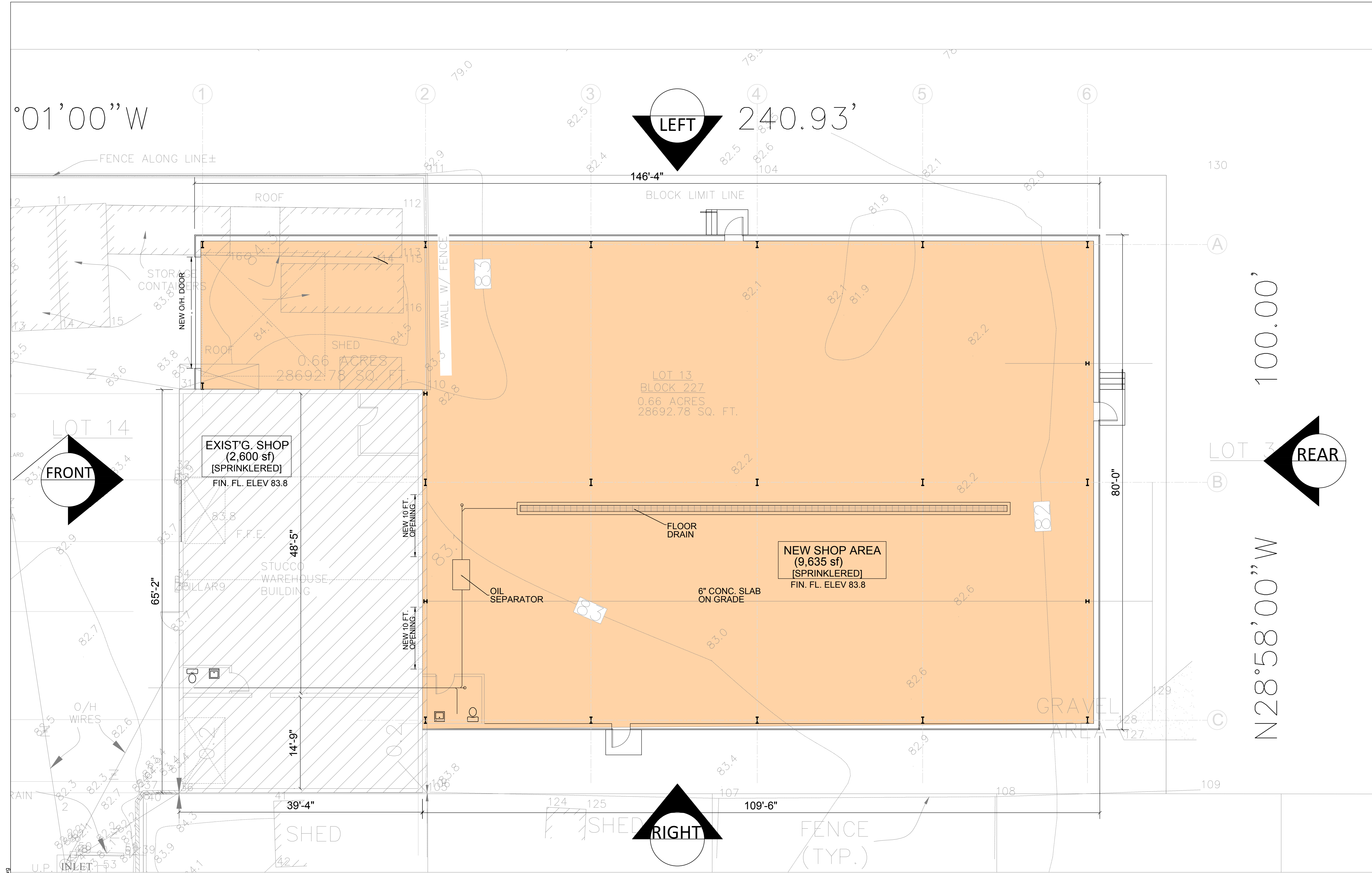
Consultant
Address
Address
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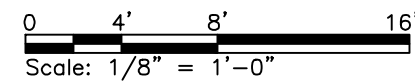
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7/16/18, 2022, 8:08 PM
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FLOOR PLAN



391 Littleton Avenue
Newark, New Jersey 07103

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973 624 9045 Fax

Maurice A. Brown
MAURICE A. BROWN, PE
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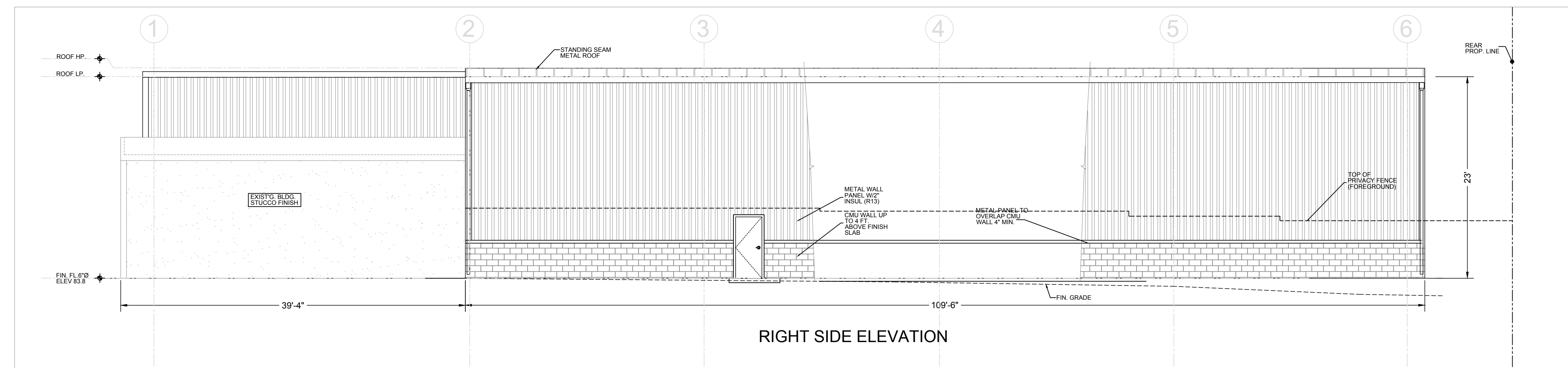
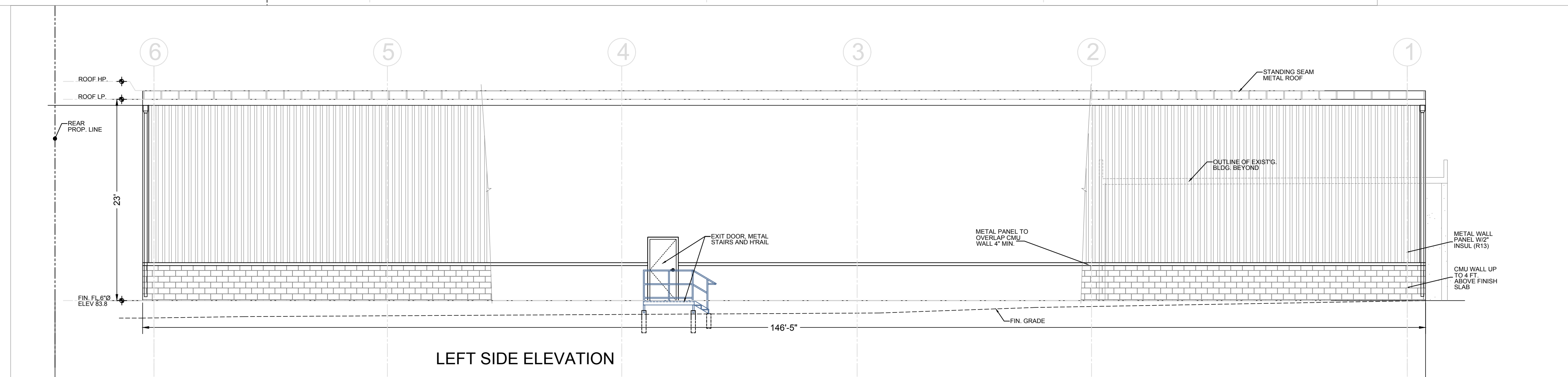
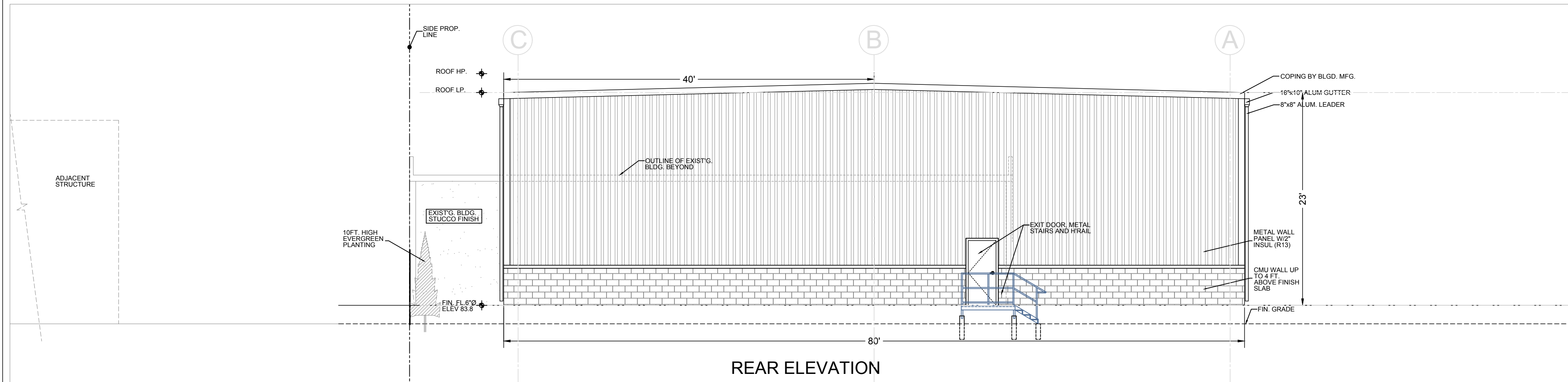
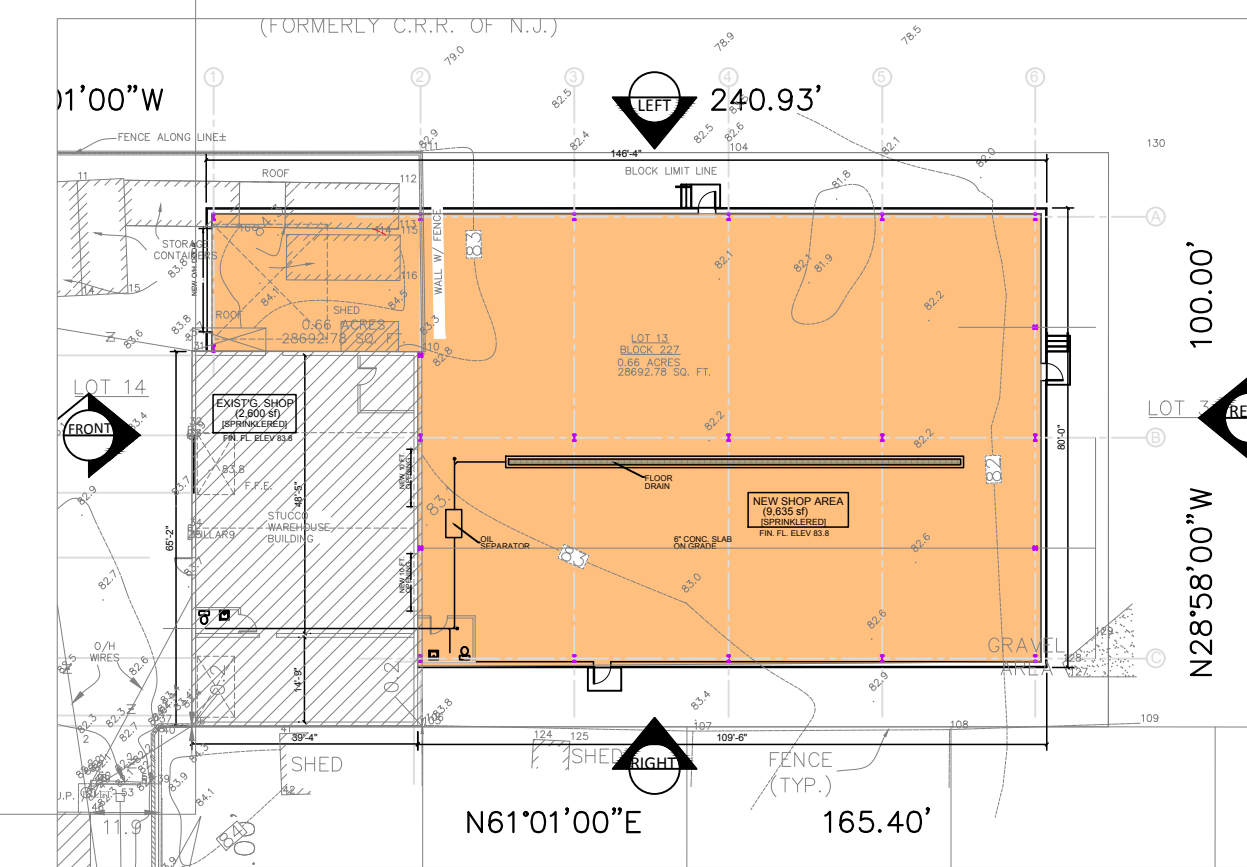
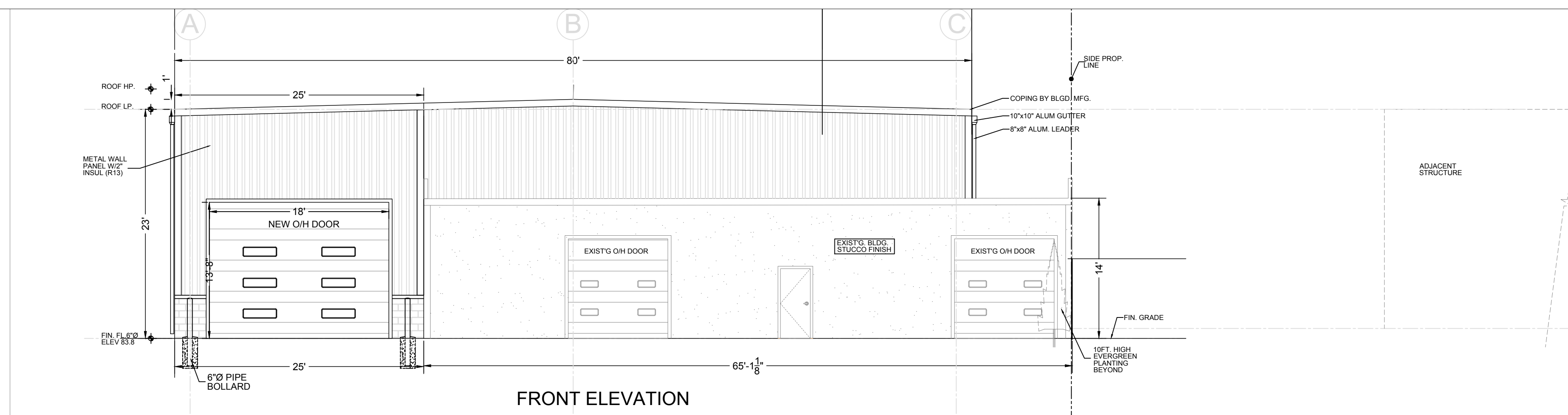
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SHOP BUILDING
FLOOR PLAN

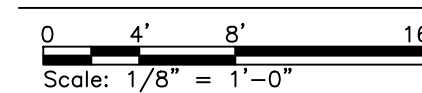
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BUILDING ELEVATIONS



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SHOP BUILDING ELEVATIONS

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LIGHTING PLAN

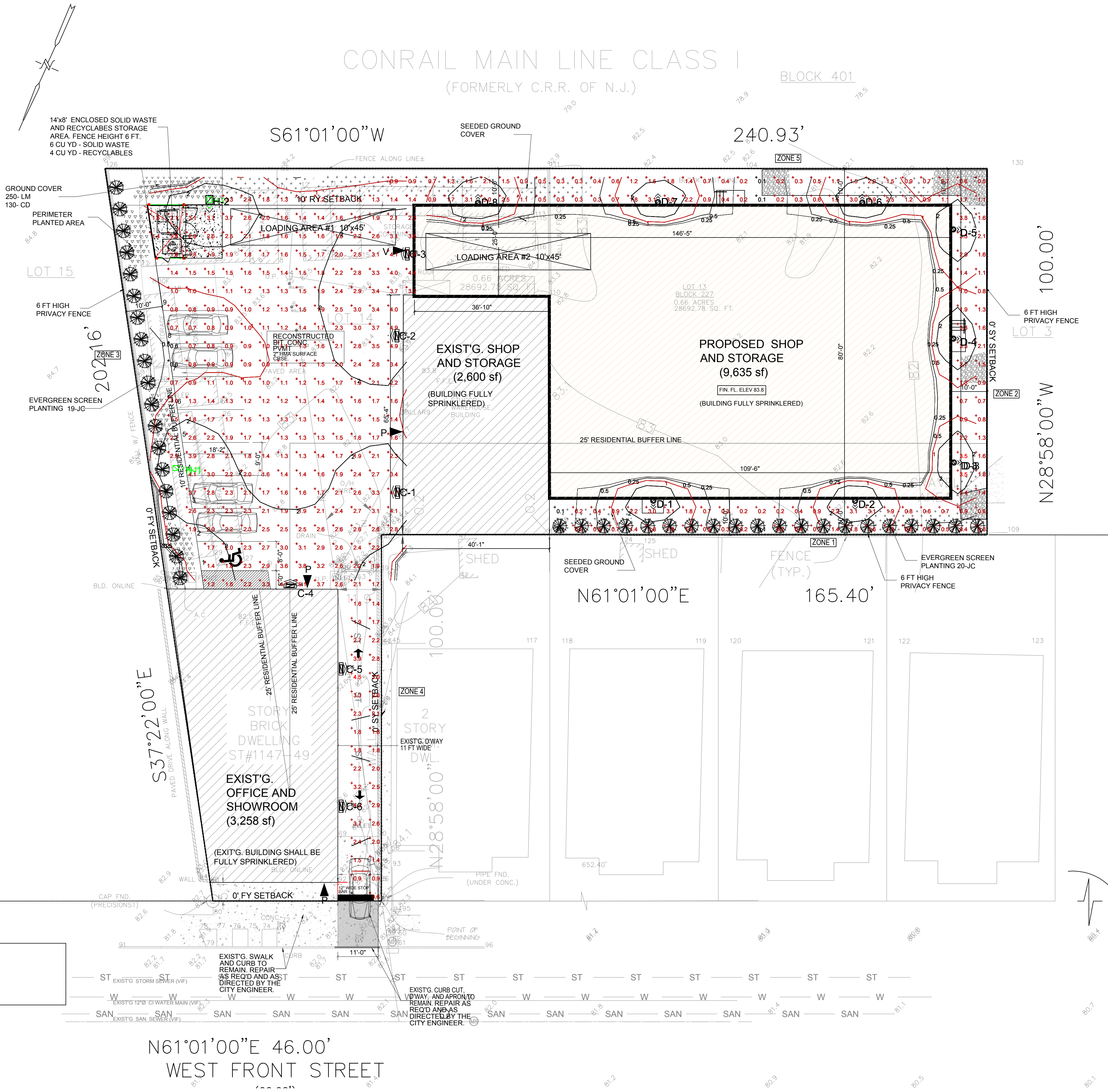
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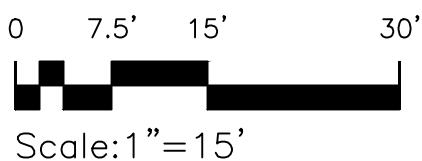
Scale	As Noted
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CONRAIL MAIN LINE CLASS I
(FORMERLY C.R.R. OF N.J.)

BLOCK 401



LIGHTING PLAN



1 LUMINAIRE SPECIFICATIONS



d^{series}

Specifications

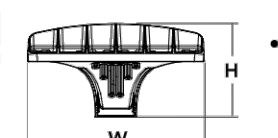
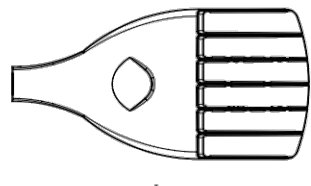
EPA: 0.95 ft² (0.09 m²)

Length: 26" (660mm)

Width: 13" (330mm)

Height: 7" (178mm)

Weight (max): 16 lbs (7.2 kg)



D-Series Size 0 LED Area Luminaire

Lighting facts

Capable Luminaire

This item is an A+ capable luminaire, which has been designed and tested to provide consistent color appearance and system-level interoperability.

- All configurations of this luminaire meet the Acuity Brands' specification for chromatic consistency
- This luminaire is A+ Certified when ordered with DTL® controls marked by a **shaded background**. DTL DLL equipped luminaires meet the A+ specification for luminaire to photocoontrol interoperability!
- This luminaire is part of an A+ Certified solution for ROAM® or XPoint™ Wireless control networks, providing out-of-the-box control compatibility with simple commissioning, when ordered with drivers and control options marked by a **shaded background**

To learn more about A+, visit www.acuitybrands.com/aplus.

- See ordering tree for details.
- A+ Certified Solutions for ROAM require the order of one ROAM node per luminaire. Sold Separately: [Link to Roam](#); [Link to DTL DLL](#).

A+ Capable options indicated by this color background.

Ordering Information

EXAMPLE: DSX0 LED P6 40K T3M MVOLT SPA DDBXD

Series	LEDs	Color Temperature	Distribution	Wattage	Mounting
DSX0 LED					
DSX0 LED	Forward optics	30K 3000 K	T15 Type I short	115	Type I short
P1 P4 P7	40K 4000 K	T25 Type II short	120	Type II short	
P2 P5	50K 5000 K	T35 Type III short	135	Type III short	
P3 P6	AMBPC Amber phosphor converted	T45 Type IV short	145	Type IV short	
Rotated optics					
P10 P12					
P11 P13					

POLE MOUNTED PARKING AREA FIXTURE - TYPE "H"

WALL MOUNTED SITE LIGHT FIXTURE - TYPE "C"



WST LED Architectural Wall Sconce

Lighting facts

Specifications Luminaire

Height: 7-1/4" (18.4 cm)

Width: 1.6-1/4" (41.3 cm)

Depth: 9-1/8" (23.2 cm)

Weight: 17 lbs (7.7 kg)

Optional Back Box (BBW)

Height: 4" (10.2 cm)

Width: 5-1/2" (14.0 cm)

Depth: 1-1/2" (3.8 cm)

WST LED 10A 700/30K SRW4 MVOLT

Notes

Introduction

The classic Architectural Wall Sconce is now available with the latest in LED technology. The result is a long-life, maintenance-free product with typical energy savings of 75% compared to metal halide versions. The integral battery backup option provides emergency egress lighting, without the use of a back-box or remote gear, so installations maintain their aesthetic integrity.

The WST LED is ideal for replacing existing 50–175W metal halide wall-mounted products. The expected service life is 20+ years of nighttime use.

Ordering Information

EXAMPLE: WST LED 2 10A700/40K SR3 MVOLT DDBTDX

Series	Light Engines	Performance Package	Distribution	Voltage	Mounting	Options ¹	Finish ² (required)
WST LED							
WST LED	1 One engine (10 LEDs)	700 mA options: 10A700/30K 3000K	S82 Type II	120V	120°	Shipped included	0080D Dark bronze
	2 Two engines (20 LEDs)	10A700/40K 4000K	S84 Type II	208	208°	Shipped separately ³	0081D Black
		10A700/50K 5000K	S86 Type II	240	240°	Shipped separately ³	0082D Natural aluminum
						0083D White	
						0084D Sandstone	
						0085D Textured dark bronze	
						0086D Textured black	
						0087D Textured natural aluminum	
						0088D Textured white	
						0089D Textured sandstone	

WALL MOUNTED SITE LIGHT FIXTURE - TYPE "D"



FEATURES & SPECIFICATIONS

INTENDED USE — Square straight aluminum general purpose pole for up to 35 foot mounting heights.

CONSTRUCTION — Shaft: Made from extruded 6063-T6 or 6061-T6 aluminum alloy, square tube is uniform in cross-section down length of shaft with no taper.

Hand hole: Reinforced rectangular hand hole is located 18" above base, 4" poles have 2" x 4" hand hole; 5" and 6" poles have 2.5" x 4" hand hole. Hand hole cover plate made from aluminum alloy.

Hardware: Stainless steel

Top cap: Removable top cap provided with drill-mount poles.

Bolt covers: Nut cover discs provided. Optional cast aluminum base cover available.

FINISH — Meet specific finish.

GROUNDING — Provision located inside hand hole rim. Grounding hardware is not included (provided by others).

ANCHOR BOLTS — Fabricated from carbon steel bar with minimum yield strength of 55,000 psi. Upper portion of anchor bolt is galvanized per ASTM A-153. Each anchor bolt is furnished with two hex nuts and two flat washers.

Catalog Number

Notes

Type

Anchor Base Poles

SSA

SQUARE STRAIGHT ALUMINUM FLORIDA RATINGS

Example: SSA 20 4C DM19 BA

ORDERING INFORMATION

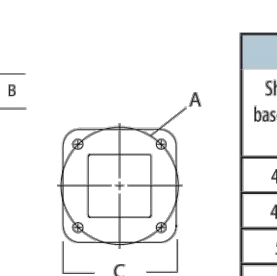
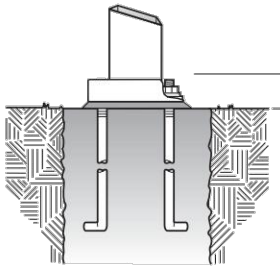
Lead times will vary depending on options selected. Consult with your sales representative.

Series	Nominal fixture mounting height	Nominal shaft base size/wall thickness	Mounting	Options	Finish ²
SSA	8–35 feet (See back page)	(See back page)	Mounting	Shipped installed	Standard colors
			T100 mounting	L100 Line anchor bolts	0081 Dark bronze
			T20 2-3/8" O.D. (2" NPS)	FVC Full base cover	0082 White
			T25 2-7/8" O.D. (2-1/2" NPS)	FVC Vibration damper	0083 Black
			T30 3-1/2" O.D. (3" NPS)	TP Taper proof	0084 Medium bronze
			T35 4" O.D. (3-1/2" NPS)	H1 Horizontal arm bracket (1)	0085 Natural aluminum
			DM19 1 at 90°	BA Brushed aluminum	0086 Classic colors
			DM20 2 at 180°	FD10x Feltown outlet less electrical	0087 Sandstone
			DM21 2 at 180° with one side plugged	CP120x 1/2" coupling	0088 Charcoal gray
			DM29 2 at 90°	CP130x 3/4" coupling	0089 Teal green
			DM39 3 at 90°	CP140x 1" coupling	0090 Bright red
			DM49 4 at 90°	NP120x 1/2" threaded nipple	0091 Steel blue
			CSX/DSX/ALX/DM19/DM20/DM21/DM29/DM39/DM49	NP130x 3/4" threaded nipple	0092 Class 1 architectural anodized
			DM19AS 1 at 90°	NP140x 1" threaded nipple	0093 ABL Black
			DM20AS 2 at 180°	EH10x Extra handhole ³	0094 ABR Dark bronze
			DM25AS 2 at 90°	MAEX Match existing ⁴	0095 AAA Natural
			DM35AS 3 at 90°	USPDM United States point of manufacture ⁵	0096 Architectural colors (powder finish) ⁶
			DM49AS 4 at 90°		
			AEBC ⁷ Suspended drill mounting ⁸		
			DM49AS1		
			DM50 ⁹ Suspended drill mounting ⁸		
			DM49AS1T		

1A LIGHT POLE SPECIFICATIONS

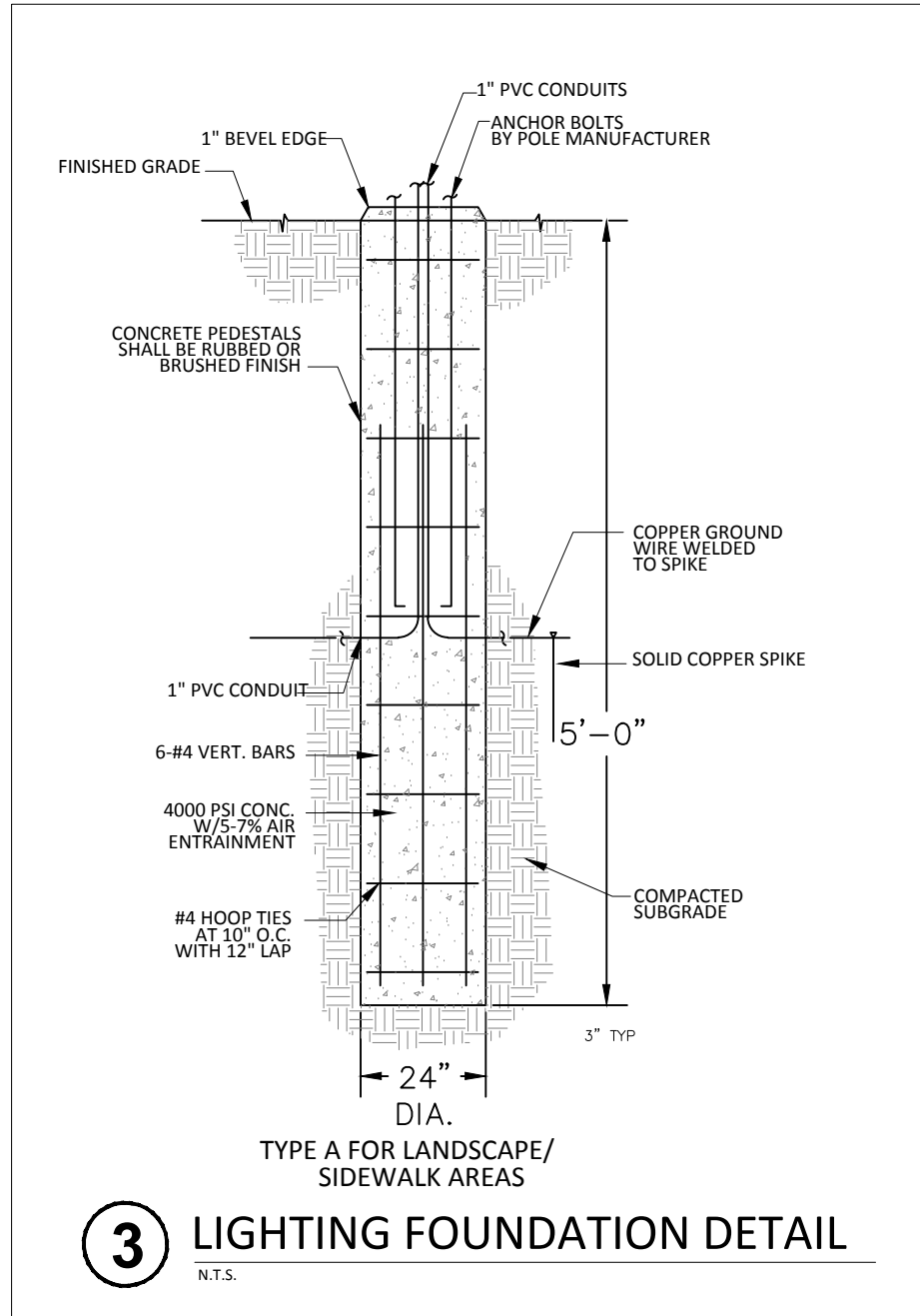
SSA Square Straight Aluminum Poles, Florida Ratings

TECHNICAL INFORMATION									
Catalog Number	Nominal shaft length (ft.)	Pole Shaft Size (in. x ft.)	Wall Thickness (in.)	EPA (Effective Projected Area) expressed in Ft. ² , Maximum 3 second gust per ASHTO 2009, FBC		Bolt Circle (in.)	Bolt Size (in. x in. x in.)	Approximate ship (lbs.)	
				Maximum weight (Lbs.)	Max EPA 130 mph (Side Mount)				
SSA 8 4C	8	4 x 8	0.125	100	5.4	3.3	8.5 - 9.625	3/4 x 18 x 3	32
SSA 10 4C	10	4 x 10	0.125	100	3	1.2	8.5 - 9.625	3/4 x 18 x 3	37
SSA 12 4C	12	4 x 12	0.125	100	1	0	8.5 - 9.625	3/4 x 18 x 3	40
SSA 14 4C	14	4 x 14	0.125	0	0	0	8.5 - 9.625	3/4 x 18 x 3	50
SSA 15 4C	15	4 x 15	0.125	0	0	0	8.5 - 9.625	3/4 x 18 x 3	52
SSA 16 4C	16	4 x 16	0.125	0	0	0	8.5 - 9.625	3/4 x 18 x 3	54



POLE DATA

Shaft base size	Bolt circle A	Bolt projection B	Base square C	Template description	Anchor bolt description
4" C	8.5" - 9.625"	3.125"	9.938"	ABTEMPLATE P150045	AB18-0
4" G	8.5" - 9.625"	3.125"	9.938"	ABTEMPLATE P150045	AB30-0
5"	10.5" - 11.5"	3.25"	11.563"	ABTEMPLATE P150046	AB30-0
6"	12" - 13"	4"	12.25"	ABTEMPLATE P150044	AB36-0
7"	14.625"	4.125"	15"	ABTEMPLATE P150130	AB36-0





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PA 038759
MD 40283

NJ CERTIFICATE OF AUTHORIZATION No. 24GA28169100

Consultant
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Fax
e-mail

Proposed Building Addition
F and C Professional Aluminum Railing
1147-1149 West Front Street, Block 227, Lots 13 and 14
City of Plainfield, County of Union, New Jersey

Owner/Applicant
F and C Professional Aluminum Railing
1149 West Front Street
Plainfield, New Jersey 07063

No.	Description	Date
1	Revision per Completeness Review	07/10/2020
2	Add Vehicle Turning Movement	11/07/2020
3	Revisions Per Completeness Review	11/10/2021
4	Final Site Plan Application/Hearing	07/15/2022

LIGHTING DETAILS AND NOTES

Project number 2018.01

Date April 09, 2018

Drawn by Carp

Checked by MAB

Scale As Noted

C-4.1

CONRAIL MAIN LINE CLASS I
(FORMERLY C.R.R. OF N.J.)

BLOCK 401

S61°01'00"W

240.93'

202.16'

LOT 3

N28°58'00"W

N61°01'00"E

165.40'

100.00'

2 STORY FRM. DWL.

N28°58'00"E

117

118

119

120

121

122

123

652.40'

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