



# Architectural Review Board

## APPLICATION / INFORMATION SUMMARY

P.O. Drawer 1768

519 N. Goose Creek Blvd.

Goose Creek, South Carolina 29445-1768

www.cityofgoosecreek.com

Fax: 843-863-5208

Property Address: <b>111 LUMBER LANE</b>		TMS No.:
Review request:	For:	Preliminary meeting date requested: <b>5.21.18</b>
<input type="checkbox"/> Preliminary	<input type="checkbox"/> New Construction <input checked="" type="checkbox"/> Alterations / Additions	<input type="checkbox"/> Appeal Decision of Architectural Review Board
<input checked="" type="checkbox"/> Final	<input type="checkbox"/> Color Change <input type="checkbox"/> Demolition <input type="checkbox"/> Other	

Property Owner: <b>MRS. MYRA MUELLER</b>	Daytime phone: <b>843 899 3406</b>
Applicant: <b>BELL ARCHITECTS INC</b>	Daytime phone: <b>843 884 1185</b>
ARB Meeting Representative: <b>JOHN BELL</b>	Contact Information: <b>843 884 1185</b>
Applicant's mailing address: <b>712 N. MAPLE ST.</b>	
City: <b>SUMMERVILLE</b>	State: <b>SC</b> Zip: <b>29483</b>
Applicant's e-mail address: <b>john@bellarchitectsinc.com</b>	
Applicant's relationship: <input type="checkbox"/> Owner <input checked="" type="checkbox"/> Design Professional <input type="checkbox"/> Contractor <input type="checkbox"/> Real Estate Agent/Broker <input type="checkbox"/> Other	

**Materials/Colors Used:** (specific color(s)/manufacture #'s listed: samples must be presented to Board  attached)  
(Example: Building Materials, Exterior Colors, Landscaping, Lighting)

**COLORS/FINISHES LISTED ON DRAWING A4.1  
A SAMPLE COLOR BOARD WILL BE TURNED INTO  
KARR BROWDER.**

**Scope of Work:** (please give a detailed description)

**RENOVATE EXTERIOR OF EXISTING BUILDING, ADD  
LANDSCAPING AT BUILDING AND PARKING.  
SCREEN OLD MATERIAL LAYDOWN YARD.**

I hereby acknowledge by my signature below that the foregoing application is complete and accurate and that I am the owner of the subject property or an authorized representative. I authorize the subject property to be posted and inspected, and the application to be heard by the Architectural Review Board of the City of Goose Creek on the date specified.


Applicant's signature:  Date: 5-7-18

Print name legibly: JOHN E BELL



RENOVATIONS  
111 LUMBER LANE  
GOOSE CREEK, SC

**Bell**  
Architects

LED ALF FLOOD FAMILY	Cat.#		
	Job	Type	
			Approvals

**SPECIFICATIONS**

**Intended Use:**

ALF is excellent for small floodlighting applications such as signs, façade, landscape accent or small area illumination. The compact, low profile size allows the flood to be easily hidden or blend into the landscape environment.

**Construction:**

- Low copper extruded aluminum construction provides long life in outdoor ground mounted applications. Ribbed design adds styling while dissipating LED and driver heat, providing longer component life.
- Tempered and impact resistant glass lens with decorative silk screen seals to housing with silicone gasket
- Dark Bronze powder paint finish provides durable and lasting appearance

**Optics/Electrical LED:**

- Six or twelve LEDs produce 1122 or 2303 lumens at 5000K
- Wide 6 x 5 beam spread covers three times the set back distance with uniform light
- Universal voltage driver is 120-277V\*, 50/60hz, with 10.2 input watts (ALF-6LU) 20.9 input watts (ALF-12LU)
- Ambient operating temperature -40°C to 40°C

\*In Canada, ALF should be used for voltages 120-240 only

**Installation:**

- Knuckle mount: Universal 1/2" 14 NPS swivel knuckle has serrated teeth for sure aiming. Knuckle threads are brass insuring quality installation and corrosion resistance
- Wall mount: Cast aluminum cover/quick mount plate and universal adapter allows easy installation to 3-1/2 or 4" standard junction boxes

**Listings:**

Listed to UL 1598 for use in wet locations

- ALF-6 IP65 • ALF-12 IP64

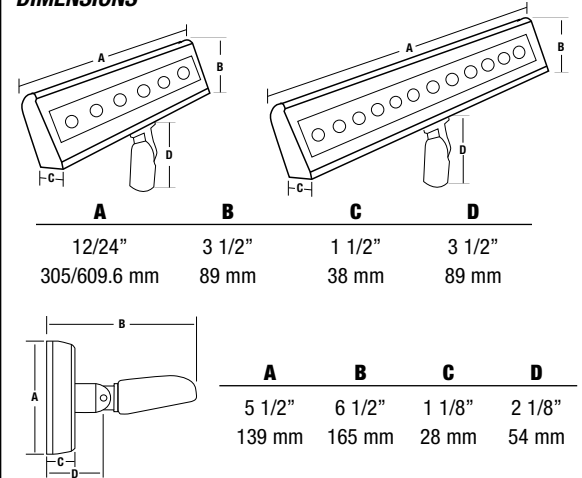
**Warranty:**

Five year limited warranty (for more information visit: <http://www.hubbelloutdoor.com/resources/warranty/>)

**PRODUCT IMAGE(S)**



**DIMENSIONS**



**CERTIFICATIONS/ LISTINGS**



IP64  
IP65

tradeSELECT™

**SHIPPING INFORMATION**

Catalog Number	G.W(kg)/CTN	Carton Dimensions			Carton Qty. per Master Pack
		Length Inch (cm)	Width Inch (cm)	Height Inch (cm)	
ALF-6LU	9.7 (4.4)	18.5 (47)	14.3 (36.5)	5.7 (14.5)	2
ALFW-6LU-PC	11.4 (5.2)	18.5 (47)	14.3 (36.5)	5.7 (14.5)	2
ALF-12LU	6.5 (2.97)	24.8 (63)	8.8 (22.5)	3.14 (8)	1

**ORDERING INFORMATION**

ORDERING EXAMPLE: ALF-6LU-5K-BZ

Catalog Number	Wattage	Number of LEDs	Voltage <sup>1</sup>	Lumens	Life	LPW	CCT	Weight lbs. (kg)
<b>1/2" KNUCKLE MOUNT</b>								
ALF-6LU-5K-BZ	10.2	6	120-277V	1122	50,000 hrs	110	5000K	4.0 (1.8)
ALF-12LU-5K-BZ	20.9	12	120-277V	2303	50,000 hrs	110	5000K	8.0 (3.6)
<b>WALLMOUNT</b>								
ALFW-6LU-5K-BZ-PC	10.7	6	120V	510	50,000 hrs	48	5000K	4.5 (2.0)

<sup>1</sup> Unit should not be used above 240V in Canada

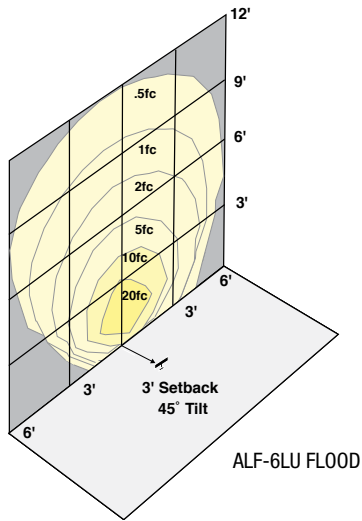


Hubbell Outdoor Lighting • 701 Millennium Boulevard • Greenville, SC 29607 • Phone: 864-678-1000

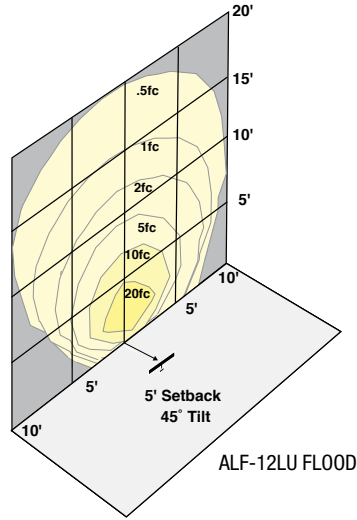
Due to our continued efforts to improve our products, product specifications are subject to change without notice.

© 2017 HUBBELL OUTDOOR LIGHTING, All Rights Reserved • For more information visit our website: [www.hubbelloutdoor.com](http://www.hubbelloutdoor.com) • Printed in USA July 5, 2017 1:08 PM ALF-SPEC

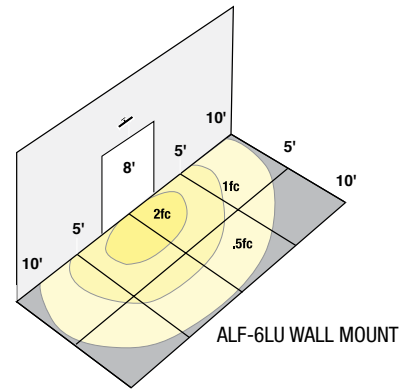
**PHOTOMETRICS**



ALF-6LU FLOOD



ALF-12LU FLOOD



ALF-6LU WALL MOUNT

**PERFORMANCE DATA**

# OF LEDS	DRIVE CURRENT	CCT	LUMENS	BEAM (H X V)	LPW <sup>1</sup>
6	STD. (470mA)	5K	1122	6 x 5	110
12	STD. (470mA)	5K	2303	6 x 5	110

Lumen values are from photometric tests performed in accordance with IESNA LM-79-08. Data is considered to be representative of the configurations shown. Actual performance may differ as a result of end-user environment and application.

**ELECTRICAL DATA**

# OF LEDS	DRIVE CURRENT (mA)	INPUT VOLTAGE (V)	SYSTEM POWER (w)	CURRENT (Amps)	POWER FACTOR
6	STD. (470mA)	120	10.1	.09	.97
		277	12.5	.06	.78
12	STD. (470mA)	120	21.0	.18	.98
		277	25.5	.12	.78

## FEATURES & SPECIFICATIONS

**INTENDED USE** — The OLCS provides years of maintenance-free general illumination for residential and commercial outdoor applications such as walkways, doorways/entrances, columns, and stairways.

**CONSTRUCTION** — Rugged cast-aluminum housing is protected by a thermoset powder coat finish that provides superior resistance to corrosion and weathering. A tightly controlled multi-stage process ensures a minimum 3 mils thickness for a finish that can withstand extreme climate changes without cracking or peeling.

Polycarbonate LED lens/cover protects LEDs.

Fixture weight = 2.4 lbs.

**OPTICS** — 48 high-performance LEDs produce up to 513 lumens and maintain 70% of light output at 50,000 hours of service.

(LED lifespan based on IESNA LM-80-08 results and calculated per IESNA TM-21-11 methodology.)

White polycarbonate diffuser provides a soft white light at 4000K CCT.

See Lighting Facts Labels for specific fixture performance.

**ELECTRICAL** — Fixture operates at 120 volts, 60 Hz.

Standard input = 8.9 watts.

Operating temperature: -30°C to 40°C.

Amps @ 120V = .076.

Surge protection = 2.5kV.

**INSTALLATION** — Mounts easily to recessed junction box (by others).

**LISTINGS** — UL Listed to U.S. and Canadian safety standards for wet locations.

Designed for wall mounting more than 4' above the ground.

Tested in accordance with IESNA LM-79 and LM-80 standards.

**WARRANTY** — 5-year limited warranty. Complete warranty terms located at [www.acuitybrands.com/CustomerResources/Terms\\_and\\_conditions.aspx](http://www.acuitybrands.com/CustomerResources/Terms_and_conditions.aspx)

Actual performance may differ as a result of end-user environment and application.

Note: Specifications subject to change without notice.

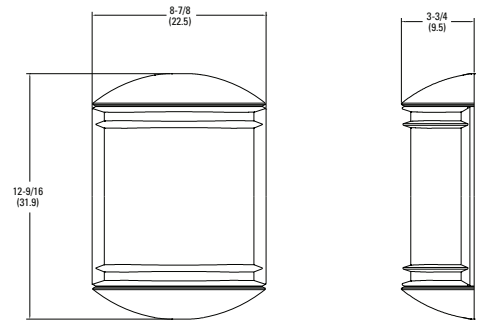
Catalog Number
Notes
Type



Outdoor General Purpose

# OLCS

OUTDOOR LED CAST SCONCE



All dimensions are in inches (centimeters) unless otherwise indicated.

### ORDERING INFORMATION

All configurations of this product are considered "standard" and have short lead times.

Example: OLCS 8 DDB

OLCS				
Series	Light engines	Color temperature (CCT) <sup>1</sup>	Voltage	Finish
OLCS	8	(blank) 4000K	(blank) 120V	DDB Dark bronze WH White

### Notes

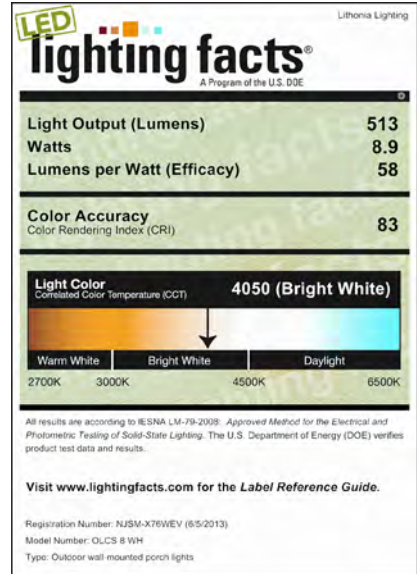
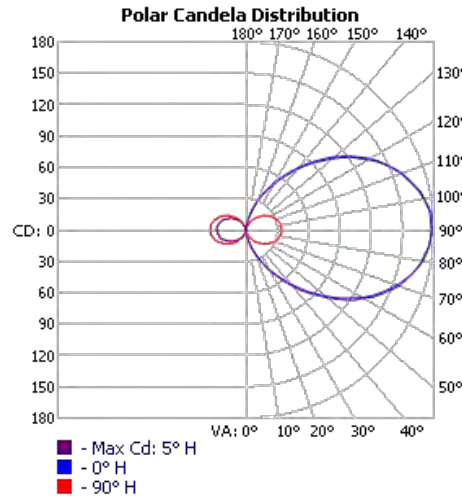
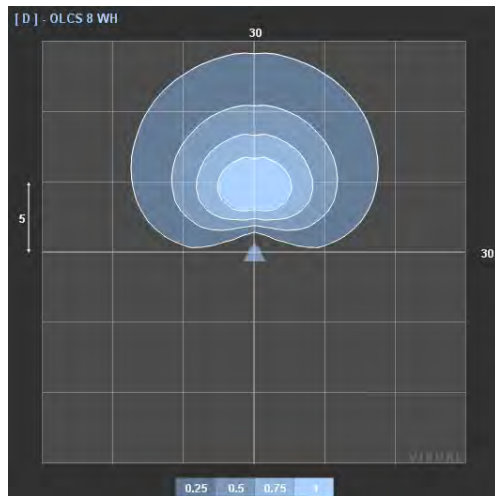
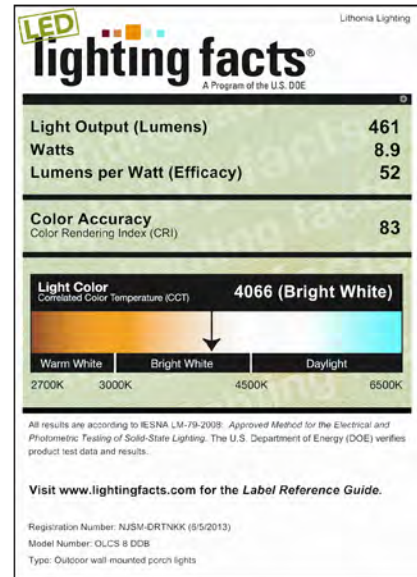
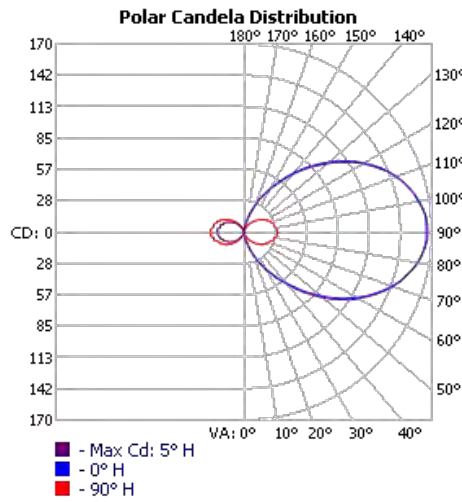
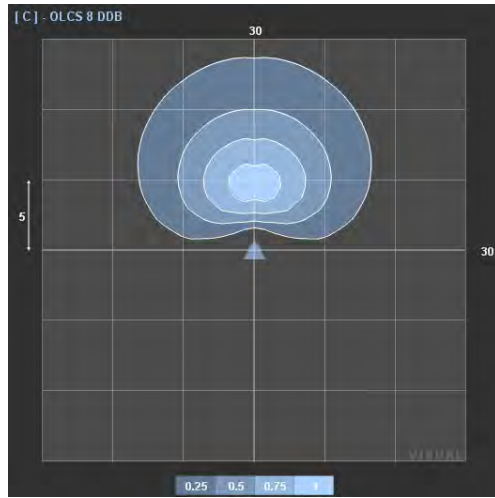
1 Nominal Correlated Color Temperature (CCT) per ANSI C78.377-2008.

# OLCS Outdoor LED Cast Sconce

## PHOTOMETRIC DIAGRAMS

To see complete photometric reports or download .ies files for this product, visit [www.Lithonia.com](http://www.Lithonia.com). Tested in accordance with IESNA LM-79 and LM-80 standards.

### OLCS



## DESCRIPTION

The patented Lumark Crosstour™ MAXX LED wall pack series of luminaires provides low-profile architectural style with super bright, energy-efficient LEDs. The rugged die-cast aluminum construction, back box with secure lock hinges, stainless steel hardware along with a sealed and gasketed optical compartment make Crosstour impervious to contaminants. The Crosstour MAXX wall luminaire is ideal for wall/surface, inverted mount for facade/canopy illumination, perimeter and site lighting. Typical applications include pedestrian walkways, building entrances, multi-use facilities, industrial facilities, perimeter parking areas, storage facilities, institutions, schools and loading docks.

## SPECIFICATION FEATURES

### Construction

Low-profile LED design with rugged one-piece, die-cast aluminum back box and hinged removable door. Matching housing styles incorporate both a full cutoff and refractive lens design. Full cutoff and refractive lens models are available in 58W, 81W and 102W. Patent pending secure lock hinge feature allows for safe and easy tool-less electrical connections with the supplied push-in connectors. Back box includes four 1/2" NPT threaded conduit entry points. The back box is secured by four lag bolts (supplied by others). External fin design extracts heat from the fixture surface. One-piece silicone gasket seals door and back box. Not recommended for car wash applications.

### Optical

Silicone sealed optical LED chamber incorporates a custom engineered reflector providing high-efficiency illumination. Full cutoff models integrate an impact-resistant molded refractive prism optical lens assembly meeting requirements for Dark Sky compliance. Refractive lens models incorporate a molded lens

assembly designed for maximum forward throw. Solid state LED Crosstour MAXX luminaires are thermally optimized with eight lumen packages in cool 5000K, neutral 4000K, or warm 3000K LED color temperature (CCT).

### Electrical

LED driver is mounted to the die-cast aluminum housing for optimal heat sinking. LED thermal management system incorporates both conduction and natural convection to transfer heat rapidly away from the LED source. 58W, 81W and 102W models operate in -40°C to 40°C [-40°F to 104°F]. High ambient 50°C [122°F] models available in 58W and 81W models only. Crosstour MAXX luminaires maintain greater than 89% of initial light output after 72,000 hours of operation. Four half-inch NPT threaded conduit entry points allow for thru-branch wiring. Back box is an authorized electrical wiring compartment. Integral LED electronic driver incorporates surge protection. 120-277V 50/60Hz, 480V 60Hz, or 347V 60Hz electrical operation. 480V is compatible for use with 480V Wye systems only.

### Emergency Egress

Optional integral cold weather battery emergency egress includes emergency operation test switch (available in 58W and 81W models only), an AC-ON indicator light and a premium extended rated sealed maintenance-free nickel-metal hydride battery pack. The separate emergency lighting LEDs are wired to provide redundant emergency lighting. Listed to UL Standard 924, Emergency Lighting.

### Area and Site Pole Mounting

Optional extruded aluminum 6-1/2" arm features internal bolt guides for supplied twin support rods, allowing for easy positioning of the fixture during installation to pole. Supplied with round plate adapter plate. Optional tenon adapter fits 2-3/8" or 3-1/2" O.D. Tenon.

### Finish

Crosstour MAXX is protected with a super TGIC carbon bronze or summit white polyester powder coat paint. Super TGIC powder coat paint finishes withstand extreme climate conditions while providing optimal color and gloss retention of the installed life.

### Warranty

Five-year warranty.



## XTOR CROSSTOUR MAXX LED

**APPLICATIONS:**  
WALL / SURFACE  
INVERTED  
SITE LIGHTING



### CERTIFICATION DATA

UL/cUL Wet Location Listed  
LM79 / LM80 Compliant  
ROHS Compliant  
NOM Compliant Models  
3G Vibration Tested  
UL924 Listed (CBP Models)  
IP66 Rated  
DesignLights Consortium® Qualified\*

### TECHNICAL DATA

40°C Ambient Temperature  
External Supply Wiring 90°C Minimum

### EPA

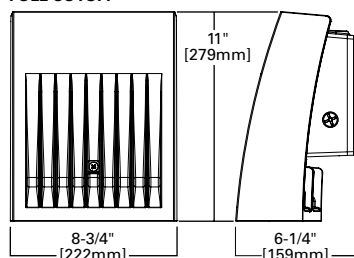
Effective Projected Area (Sq. Ft.):  
XTOR6B, XTOR8B, XTOR12B=0.54  
With Pole Mount Arm=0.98

### SHIPPING DATA:

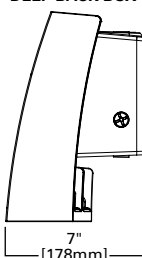
Approximate Net Weight:  
12-15 lbs. [5.4-6.8 kgs.]

## DIMENSIONS

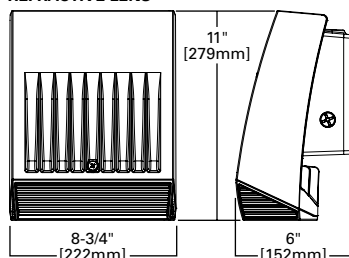
### FULL CUTOFF



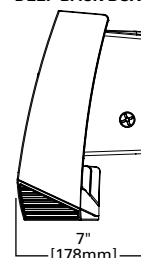
### DEEP BACK BOX



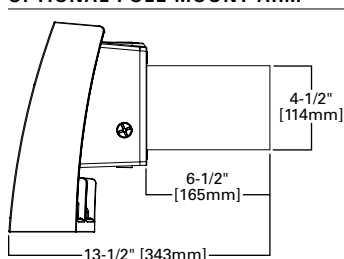
### REFRACTIVE LENS



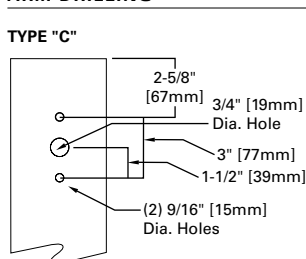
### DEEP BACK BOX



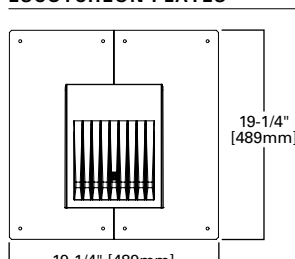
### OPTIONAL POLE MOUNT ARM



### ARM DRILLING



### ESCUTCHEON PLATES



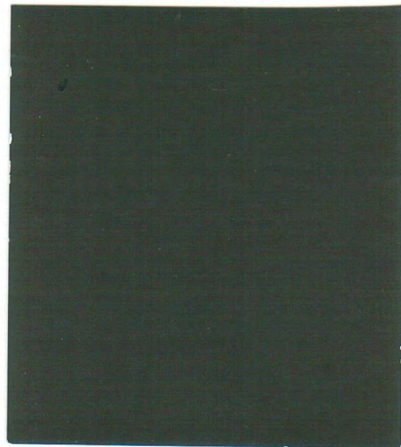
# 111 Lumber Lane Renovations

Exterior Color Samples

Final ARB Submittal



Walls



Canopy Roofs,  
Rake Trim, Gutters,  
Doors, Windows,  
Exposed Steel Frames

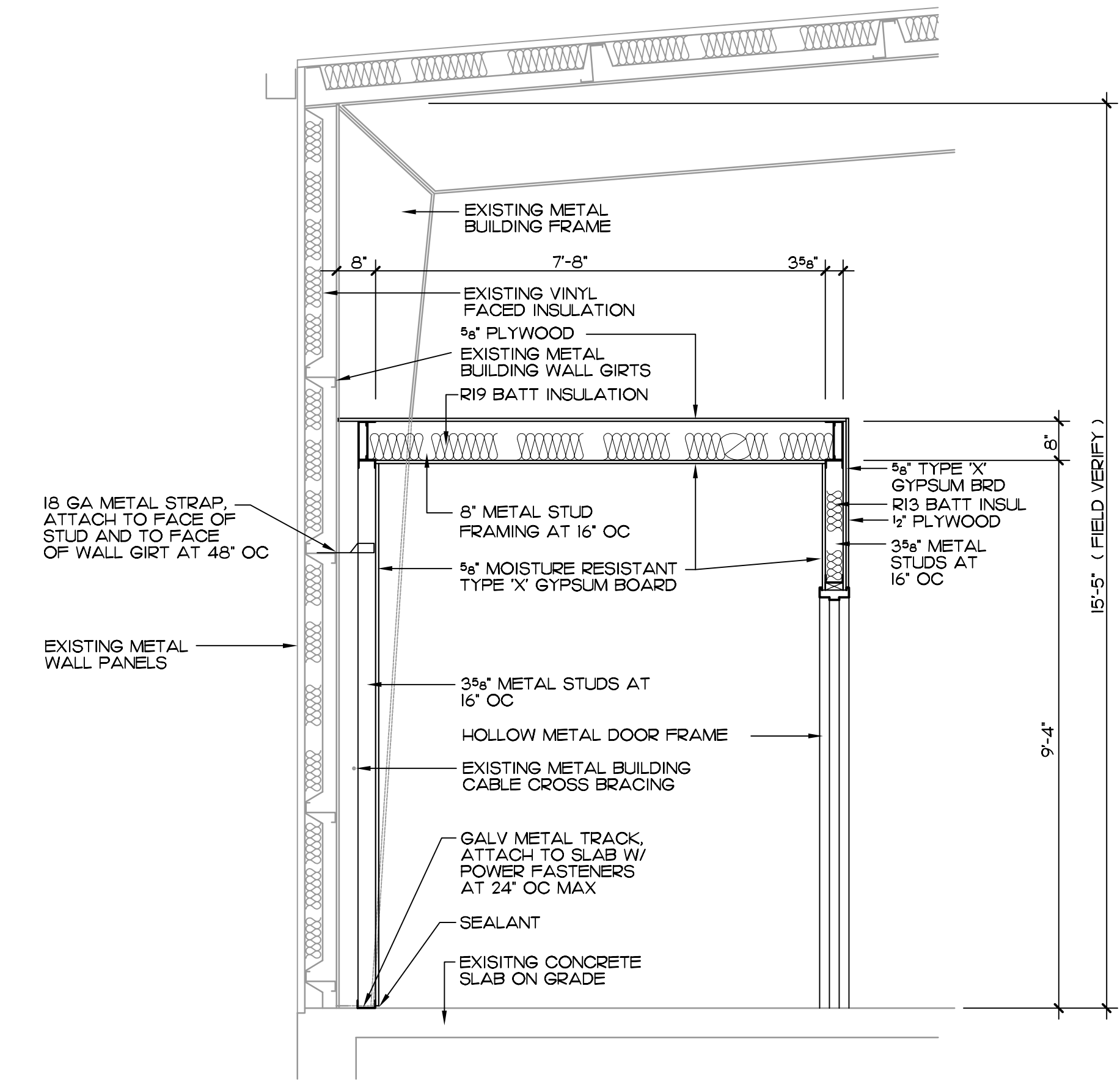


Wainscot Trim

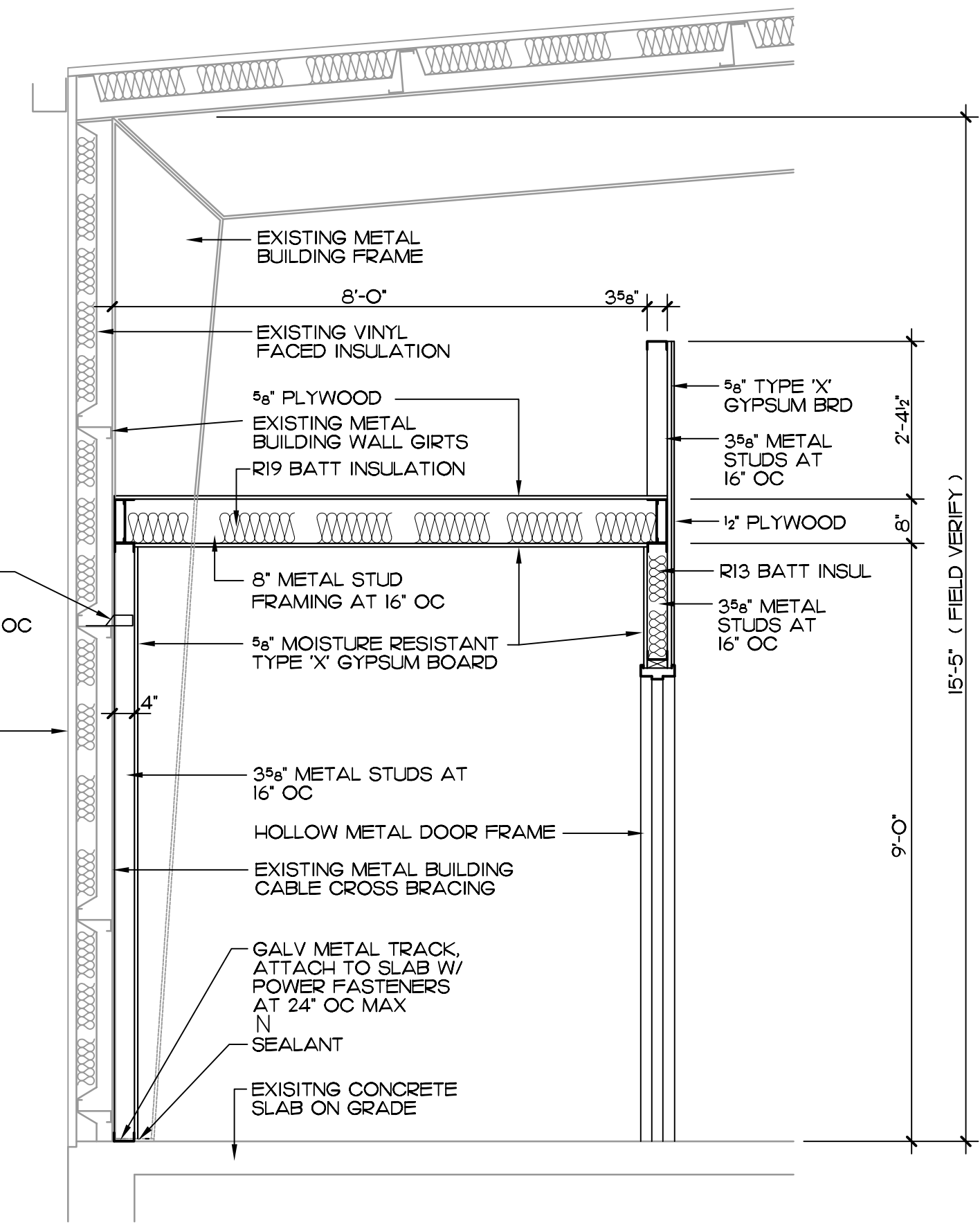


Slat at Fencing

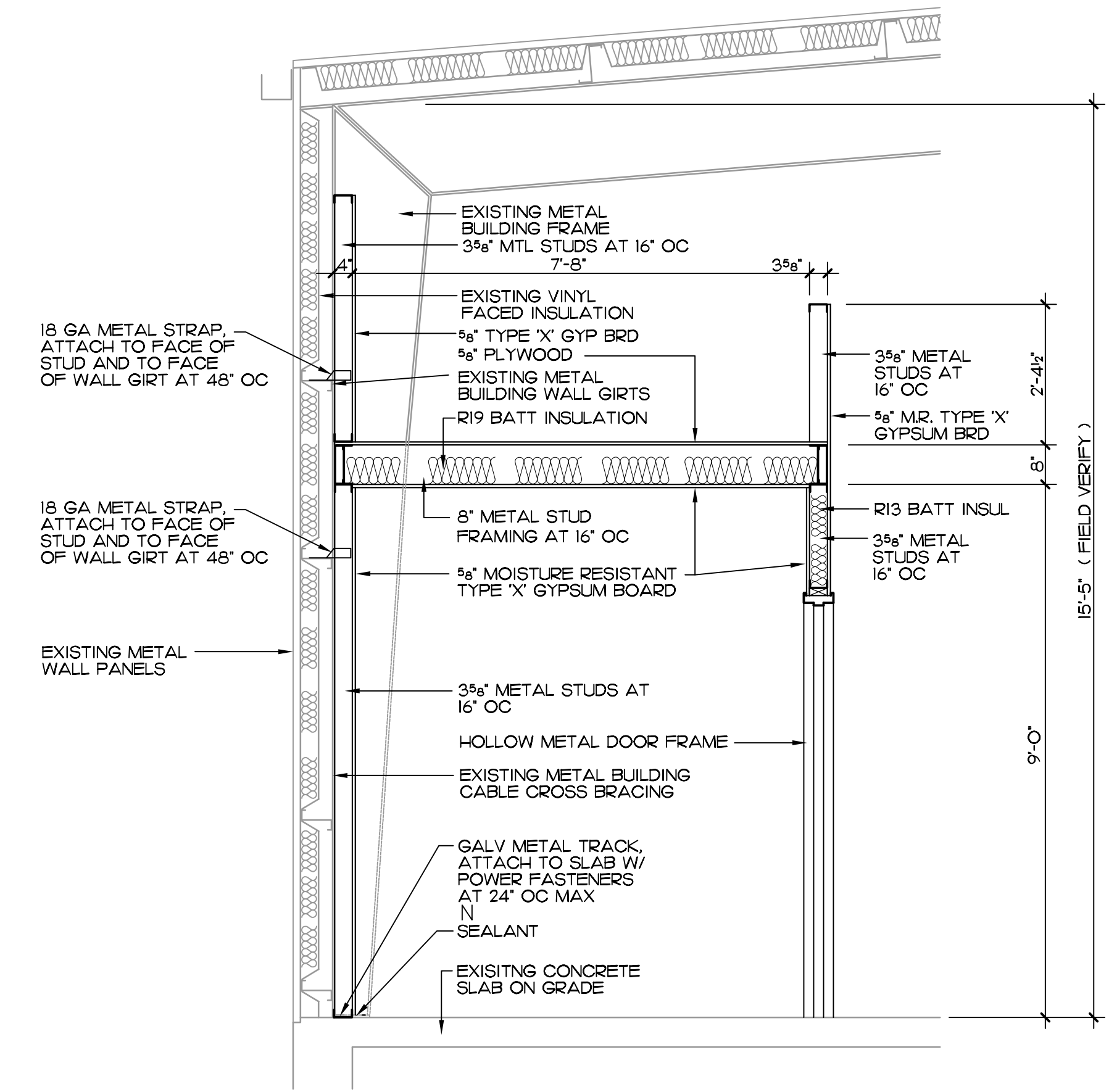




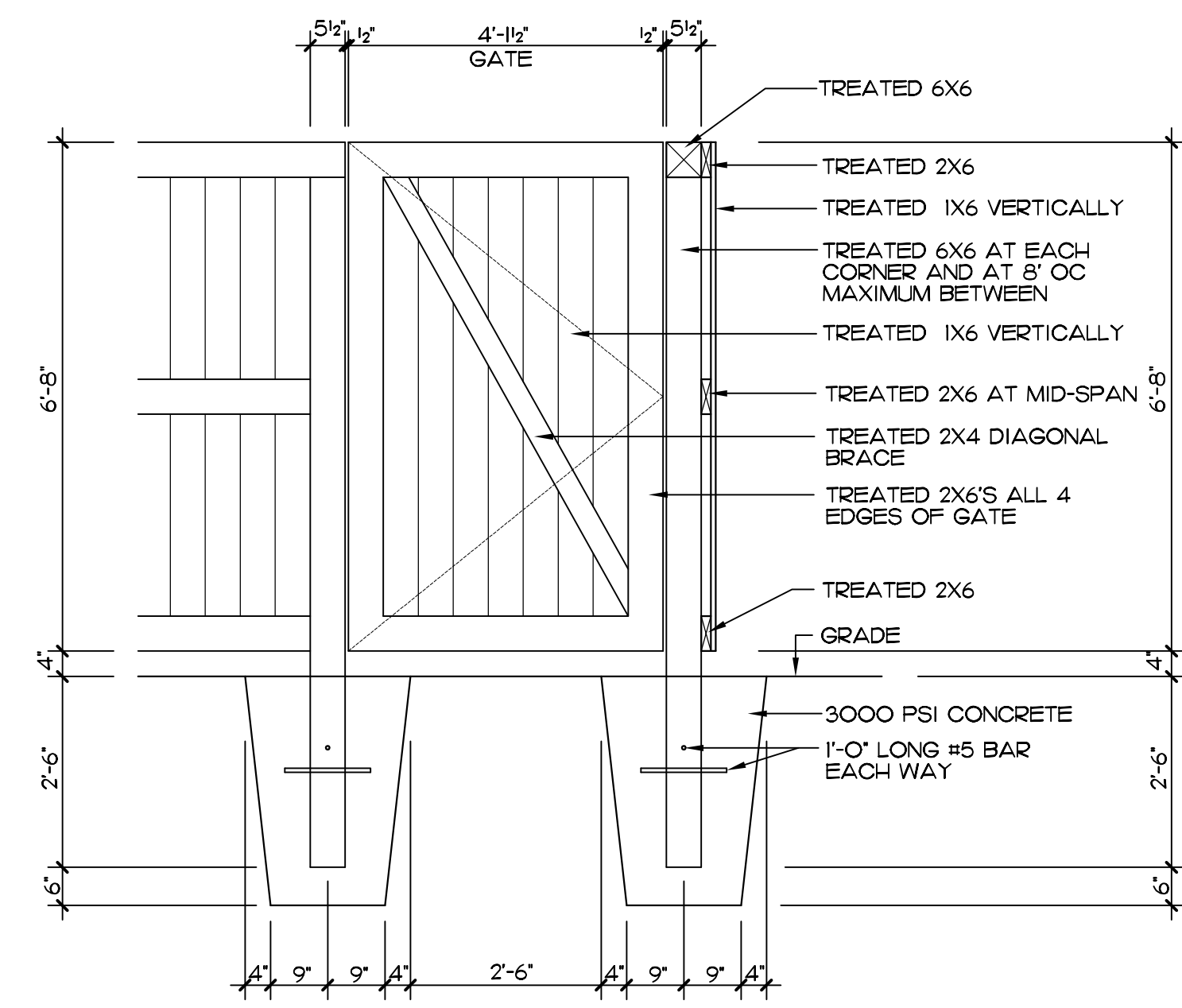
16 WALL SECTION THRU TOILET #303 (UTILITY #302 SIM)  
SCALE: 1/2" = 1'-0"



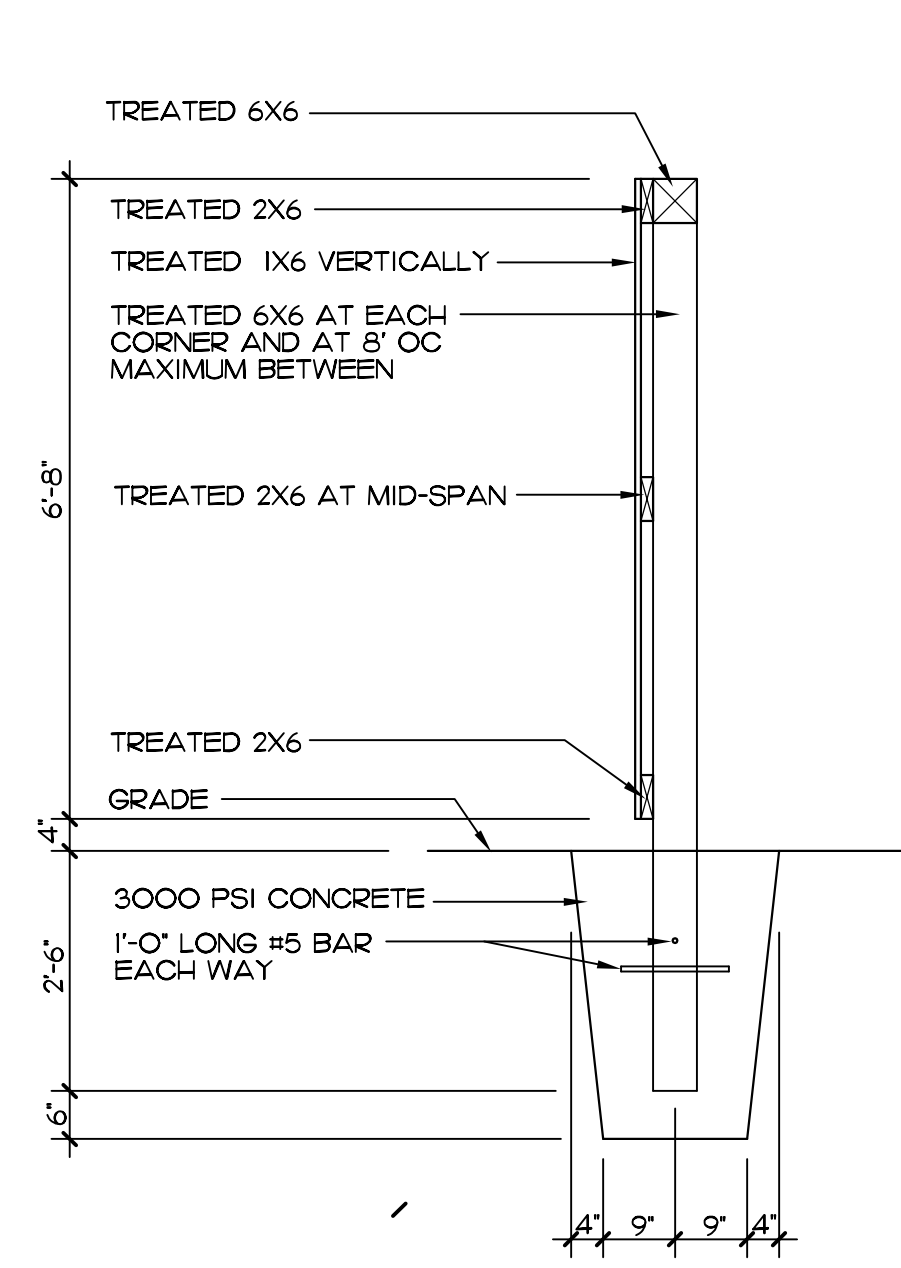
15 WALL SECTION THRU TOILET #203 (UTILITY #202 SIM)  
SCALE: 1/2" = 1'-0"



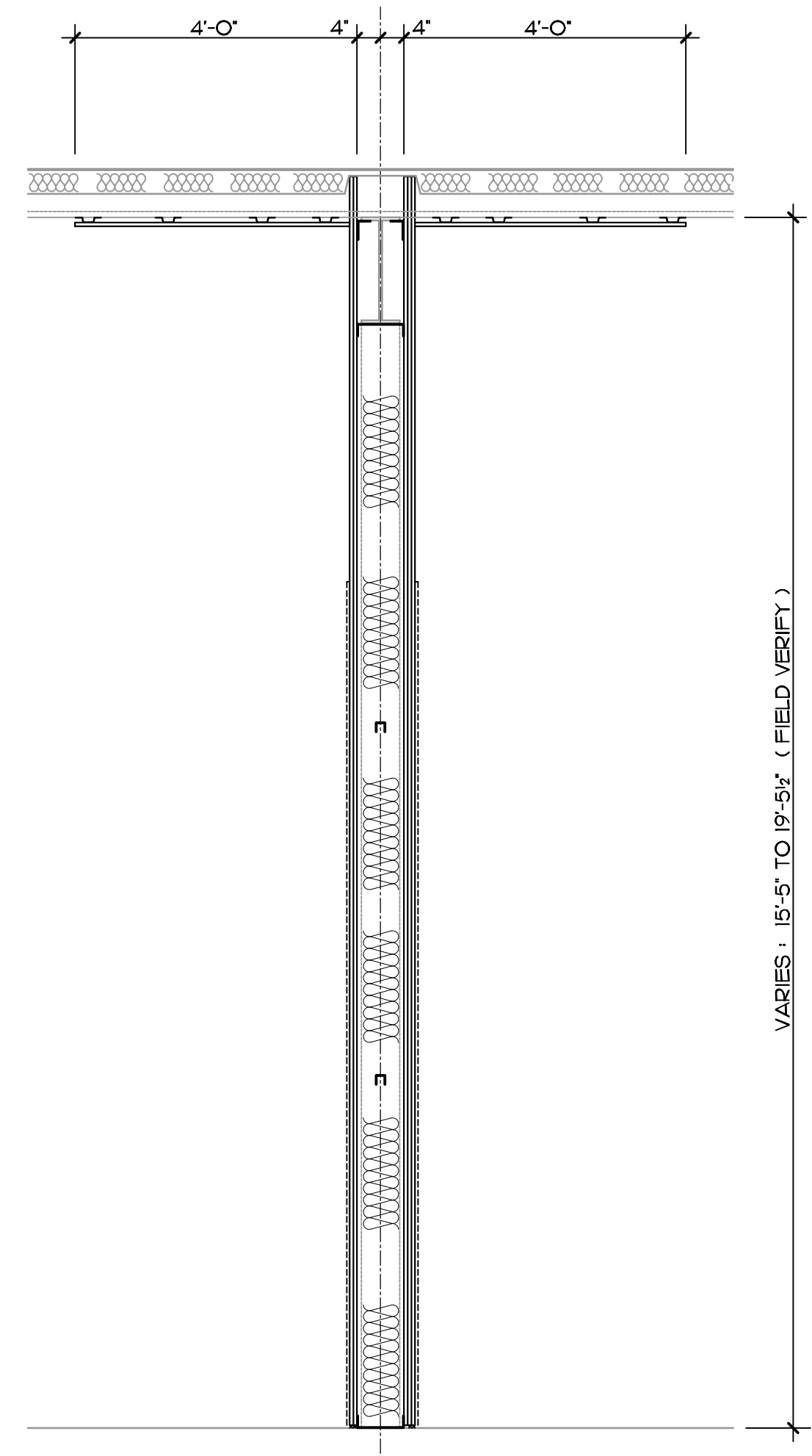
14 WALL SECTION THRU TOILET #103 (UTILITY #102 SIM)  
SCALE: 1/2" = 1'-0"



19 INTERIOR ELEVATION OF GATE AT HVAC ENCLOSURE  
SCALE: 1/2" = 1'-0"



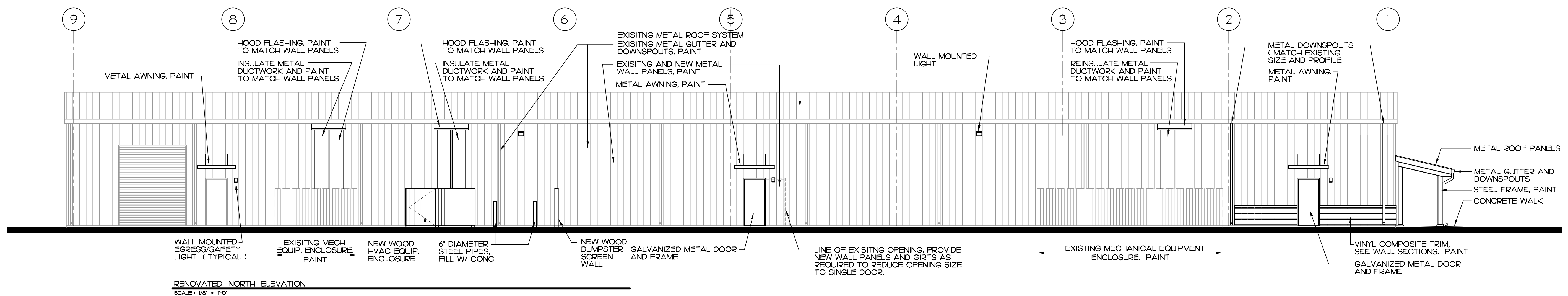
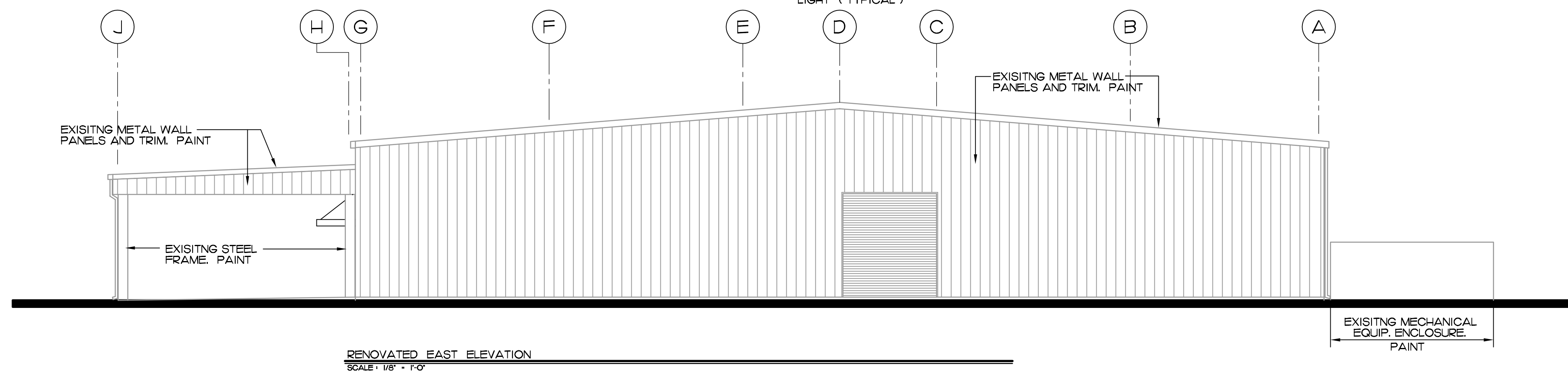
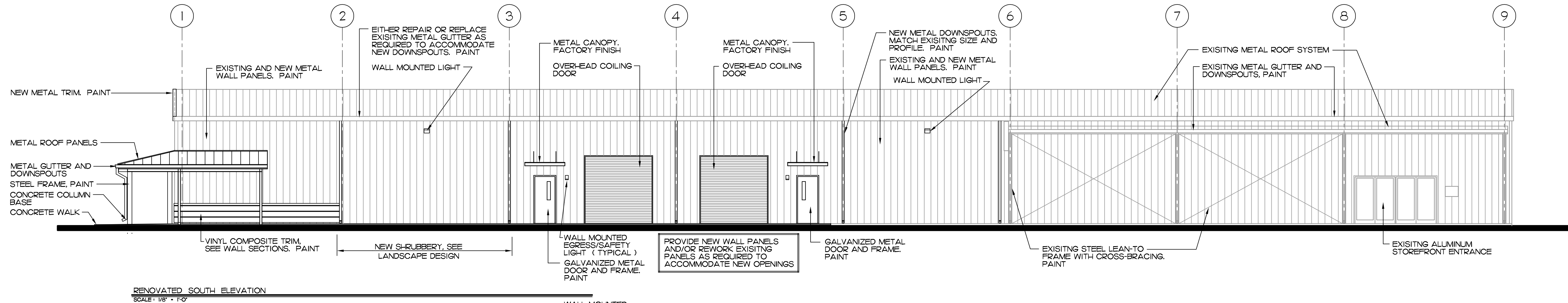
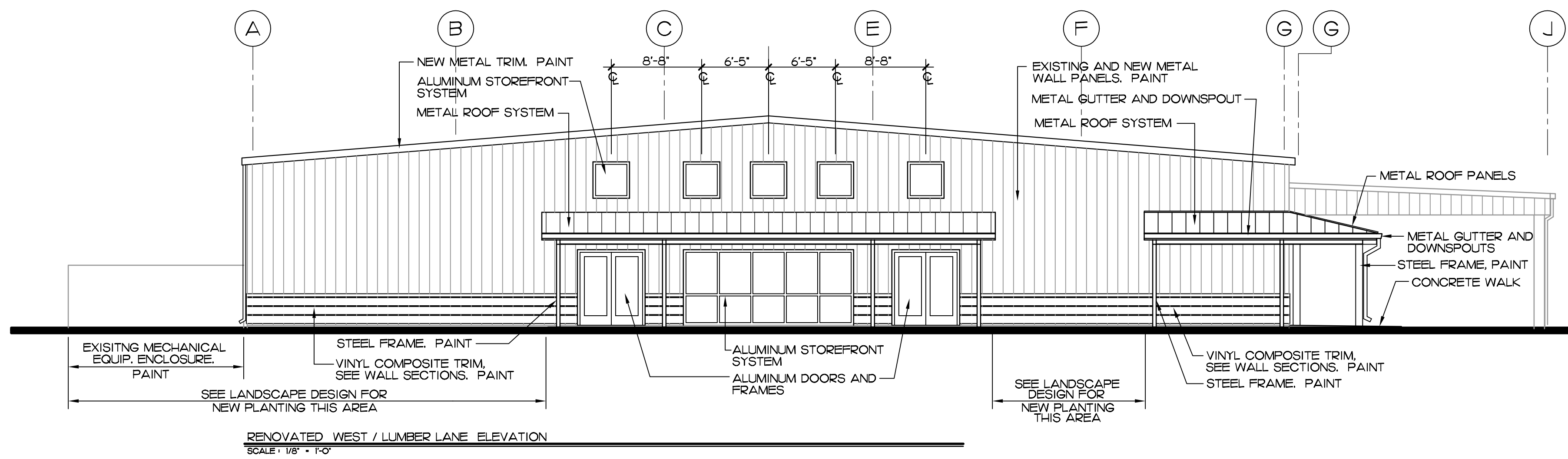
18 SECTIONS THRU DUMPSTER AND HVAC SCREEN  
SCALE: 1/2" = 1'-0"



17 WALL SECTION AT DEMISING WALL  
SCALE: 1/2" = 1'-0"

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EXTERIOR FINISHES	
METAL WALL PANELS (NEW/EXISTING)	SHERWIN-WILLIAMS COLOR SW 9129 JADE DRAGON
METAL RAKE TRIM	SHERWIN-WILLIAMS COLOR SW 7069 IRON ORE
METAL GUTTERS	SHERWIN-WILLIAMS COLOR SW 7069 IRON ORE
METAL DOWNSPOUTS AT STEEL FRAMES	SHERWIN-WILLIAMS COLOR SW 7069 IRON ORE
METAL DOWNSPOUTS AT WALL PANELS	SHERWIN-WILLIAMS COLOR SW 9129 JADE DRAGON
COMPOSIT VINYL WATERTABLE TRIM	WHITE COLOR
STANDING SEAM METAL ROOF/TRIM	SHERWIN-WILLIAMS COLOR SW 7069 IRON ORE
METAL CANOPIES/SOFFITS	SHERWIN-WILLIAMS COLOR SW 7069 IRON ORE
EXPOSED METAL FRAMES	SHERWIN-WILLIAMS COLOR SW 7069 IRON ORE
HOLLOW METAL DOORS AND FRAMES	SHERWIN-WILLIAMS COLOR SW 7069 IRON ORE
OVER-HEAD COILING DOORS	SHERWIN-WILLIAMS COLOR SW 7069 IRON ORE
ALUMINUM STOREFRONT DOORS/FRAMES	DARK BRONZE ANODIZED
ALUMINUM STOREFRONT WINDOW SYSTEMS	DARK BRONZE ANODIZED
GLASS	LIGHT GRAY TINT
CONCRETE WALKS	BROOM FINISH
SLAT FENCING	BLACK
WOOD HVAC EQUIPMENT ENCLOSURES	SHERWIN-WILLIAMS COLOR SW 7069 IRON ORE
EXPOSED HVAC DUCTWORK	SHERWIN-WILLIAMS COLOR SW 9129 JADE DRAGON



## RENOVATIONS

111 LUMBER LANE  
GOOSE CREEK, SC

FINAL DESIGN

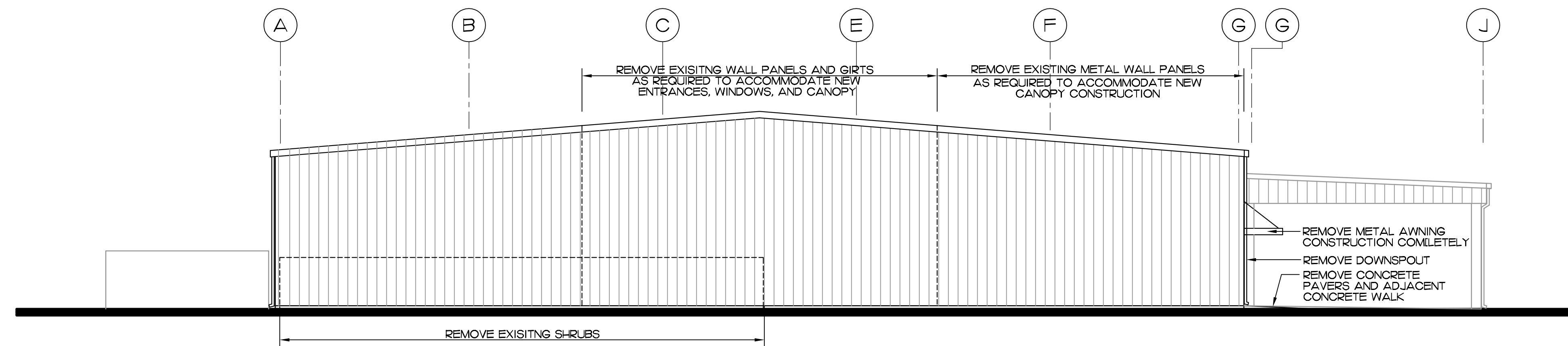
Date • 5-7-18  
File No. • 18034

Design • J.E. BELL  
Drawn • J.E. BELL  
Checked •

No.	Date	Revision

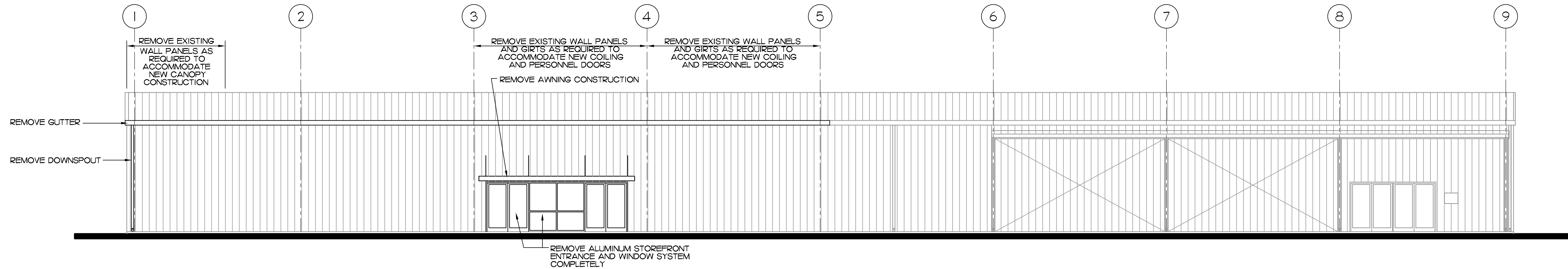
A4.1

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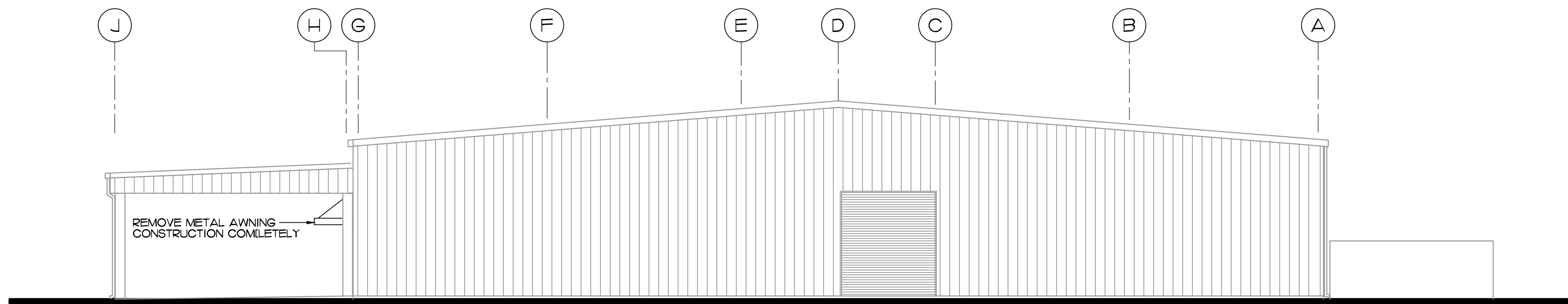


EXISTING / DEMOLITION WEST (LUMBER LANE) ELEVATION  
SCALE: 1/8" = 1'-0"

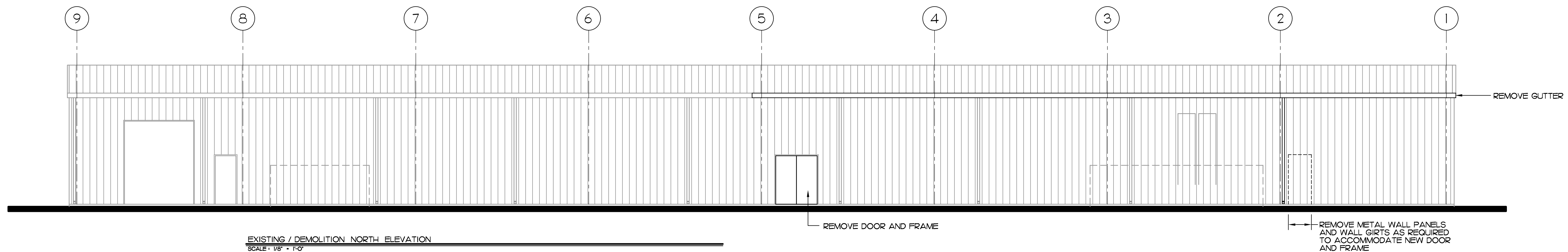
GENERAL NOTE:  
CLEAN AND PREPARE ALL REMAINING METAL SURFACES TO RECEIVE NEW PAINT. FOLLOW PAINT MANUFACTURERS RECOMMENDED PROCEDURES



EXISTING / DEMOLITION SOUTH ELEVATION  
SCALE: 1/8" = 1'-0"



EXISTING / DEMOLITION EAST ELEVATION  
SCALE: 1/8" = 1'-0"



EXISTING / DEMOLITION NORTH ELEVATION  
SCALE: 1/8" = 1'-0"

**Bell**  
Architects

BELL ARCHITECTS, INC.  
SUMMERVILLE, SC  
843-884-1185

**RENOVATIONS**  
111 LUMBER LANE  
GOOSE CREEK, SC

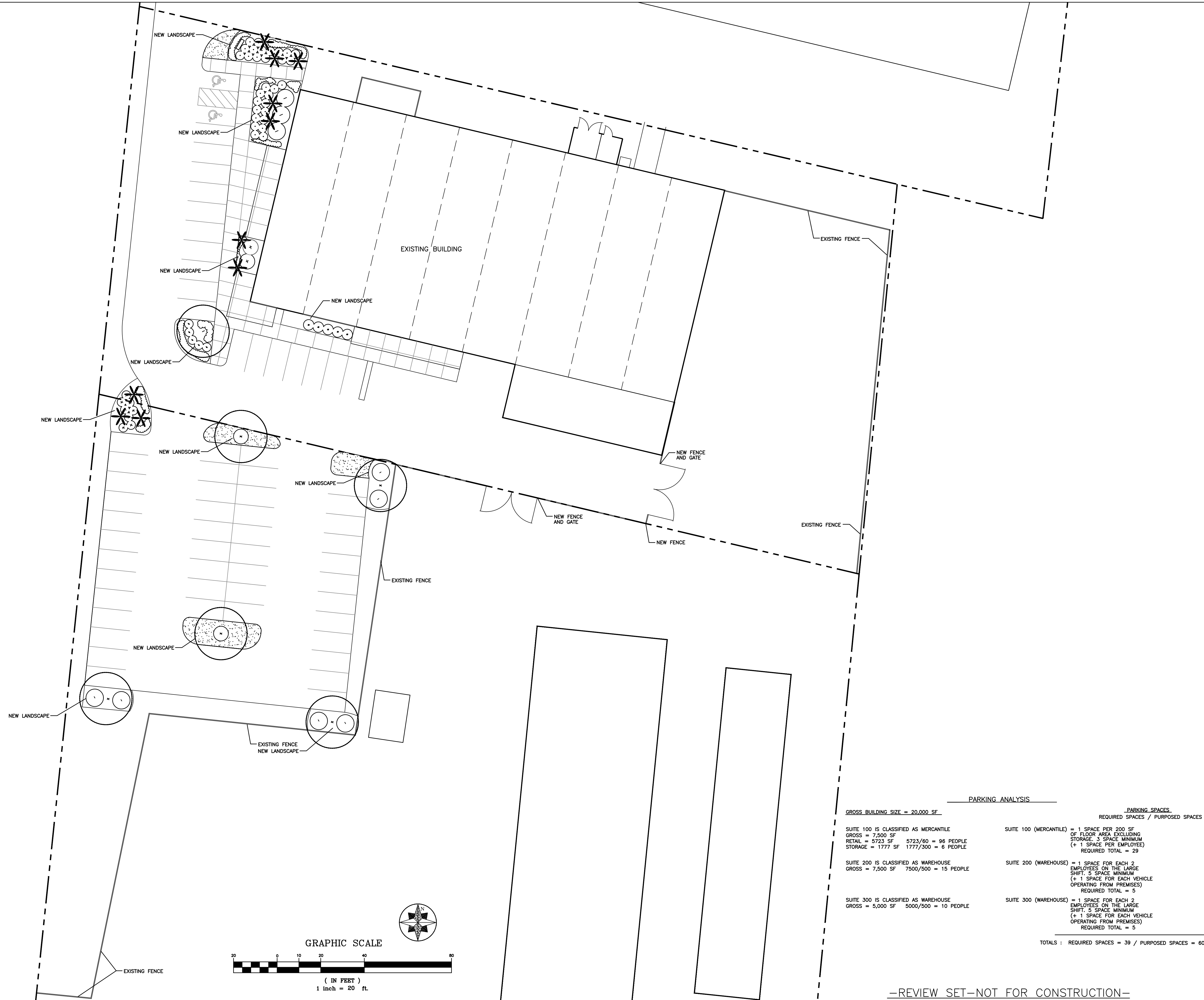
FINAL DESIGN

Date • 5-7-18  
File No. • 18034

Design • J.E. BELL  
Drawn • J.E. BELL  
Checked •

No | Date | Revision

A1.3



**T**  
THE TOMBLIN COMPANY, LLC  
LANDSCAPE ARCHITECTURE  
LAND PLANNING  
HISTORIC RENOVATION  
AMERICAN SOCIETY OF LANDSCAPE ARCHITECTS  
716 FORT SUMTER DRIVE  
CHARLESTON  
SOUTH CAROLINA  
1.843.412.2894  
FAX 1.843.406.2721  
tomblincompany.com

LANDSCAPE ARCHITECTURAL SERVICES  
FOR  
**111 LUMBER LANE RENOVATION**  
BELL ARCHITECTS SOUTH CAROLINA  
GOOSE CREEK

JOB NUMBER  
**018030**  
DHT / DHT / 5.7.18  
DRAWN BY—CHECKED BY—DATE  
REVISED

SHEET TITLE  
—OVERALL—  
LANDSCAPE  
PLAN

SHEET NUMBER  
**L101** 1  
OF 3  
**3** 3

—REVIEW SET—NOT FOR CONSTRUCTION—

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# Architectural Review Board

## APPLICATION / INFORMATION SUMMARY

DEPARTMENT OF PLANNING AND ZONING 843-797-6220 EXT. 1118

P.O. Drawer 1768

519 N. Goose Creek Blvd.

Goose Creek, South Carolina 29445-1768

www.cityofgoosecreek.com

Fax: 843-863-5208

<b>Property Address:</b> 105 Button Hall Avenue, Goose Creek, SC 29445		<b>TMS No.:</b>
<b>Review request:</b>	<b>For:</b>	<b>Preliminary meeting date requested:</b> May 21, 2018
<input type="checkbox"/> Conceptual	<input type="checkbox"/> New Construction <input checked="" type="checkbox"/> Alterations / Additions	<input type="checkbox"/> Appeal Decision of Architectural Review Board
<input type="checkbox"/> Preliminary <input checked="" type="checkbox"/> Final	<input type="checkbox"/> Repairs or repaint with no changes	<input type="checkbox"/> Color Change <input type="checkbox"/> Demolition

<b>Property Owner:</b> Dunbar Armored, Inc.	<b>Daytime phone:</b> (410) 229-1970	
<b>Applicant:</b> Brian D. Cain	<b>Daytime phone:</b> (410) 229-1970	
<b>ARB Meeting Representative:</b>	<b>Contact Information:</b>	
<b>Applicant's mailing address:</b> 50 Schilling Road		
<b>City:</b> Hunt Valley	<b>State:</b> MD	<b>Zip:</b> 21231
<b>Applicant's e-mail address:</b> brian.cain@dunbararmored.com		
<b>Applicant's relationship:</b> <input type="checkbox"/> Owner <input type="checkbox"/> Design Professional <input type="checkbox"/> Contractor <input type="checkbox"/> Real Estate Agent/Broker <input checked="" type="checkbox"/> Other		


**Materials/Colors Used:** *(specific color(s)/manufacture #'s listed: samples must be presented to Board  attached)*  
*(Example: Building Materials, Exterior Colors, Landscaping, Lighting)*

Existing white metal wall panels to remain. New aluminum louvers to match white wall panel color.  
 New chain link posts and fabric to be unfinished galvanized metal  
 Existing landscaping to remain unchanged.  
 New wall mounted light fixtures to be mounted above overhead doors and man doors.

**Scope of Work:** *(please give a detailed description)*

Interior commercial alteration of existing pre-engineered metal building from existing warehouse use to new warehouse use. On the East Elevation new 12" by 12" and 48" by 36" aluminum relief louvers will be installed. On the West Elevation, one 12" by 12" aluminum intake louver and an exhaust fan with a weather hood will be added for hazardous gas ventilation (trucks will be driving through building). As this facility requires enhanced security, the two egress doors on the west elevation will be provided with chain link fenced man-traps. Access into and out of these man-traps is controlled by personnel inside the warehouse. In case of emergency, pull-down switches will be provided.

I hereby acknowledge by my signature below that the foregoing application is complete and accurate and that I am the owner of the subject property or an authorized representative. I authorize the subject property to be posted and inspected, and the application to be heard by the Architectural Review Board of the City of Goose Creek on the date specified.

**Applicant's signature:**  **Date:** 4/27/18

**Print name legibly:** Brian Cain

# Dunbar ARMORED

## 105 BUTTON HALL AVENUE GOOSE CREEK, SC 29445

RESPONSIBILITY SCHEDULE	DUNBAR		G.C.		REMARKS
	FURNISH	INSTALL	FURNISH	INSTALL	
<b>GENERAL</b>					
BUILDING PERMIT	●				
FEES, INSURANCE, TRADE PERMITS, BONDS			●		
TRASH REMOVAL			●		
CLEAN-UP			●		
TEMPORARY UTILITIES			●		
CERTIFICATE OF OCCUPANCY			●		
<b>GENERAL CONSTRUCTION</b>					
EXTERIOR WALLS				●	EXISTING
CONCRETE SLAB UNDER VAULT			●	●	COORDINATE WITH VAULT MFR
CONCRETE FLOOR SLAB				●	EXISTING
CONCRETE PATCH WORK			●		
BLOCKING			●		
INSULATION - WALLS AND CEILING			●		
FIREPROOFING			●	●	IF APPLICABLE
EXPANSION JOINTS				N/A	
INTERIOR PARTITIONS			●	●	SEE SHEET A401--PARTITION SCHEDULE
<b>FINISHES</b>					
VINYL COMPOSITION TILE FLOORING			●	●	
VINYL BASE			●		
PAINT			●	●	
FLOOR SEALER			●	●	
<b>DOORS</b>					
VAULT DOOR	●	●			BY VAULT MFR
HOLLOW METAL DOORS AND FRAMES			●	●	SEE SHEET A701--DOOR SCHEDULE
LOCKS AND HARDWARE			●	●	SEE SHEET A701--DOOR SCHEDULE
BULLET-RESISTANT DOORS & WINDOWS	●			●	
<b>ELECTRICAL</b>					
ELECTRIC DOOR CONTROLS			●	●	
ELECTRICAL CONDUIT TO SPACE			●	●	MAIN SERVICE AND PANELS EXISTING
ELECTRICAL PANELS			●	●	SUBPANELS AND CONDUITS
ELECTRICAL WIRING / EQUIPMENT			●	●	
LIGHT FIXTURES			●	●	
EMERGENCY LIGHTING / EXIT SIGNS			●	●	
MECHANICAL EQUIPMENT / DUCTWORK			●	●	
MECHANICAL CONTROLS			●	●	
FIRE EXTINGUISHERS			●	●	10 LB., ABC TYPE
DUCT DETECTORS			●	●	
PLUMBING / DOMESTIC WATER TO PREMISES			●	●	EXISTING
PLUMBING / WASTE TO PREMISES			●	●	EXISTING
PLUMBING INTERNAL PIPING			●	●	
PLUMBING FIXTURES			●	●	
SPRINKLER HEADS			●	●	
<b>SPECIALTIES</b>					
BURGLAR ALARM SYSTEM	●	●			
CLOSED CIRCUIT TV	●	●			
VAULT	●	●			
TELEPHONE SYSTEM	●	●			

### ABBREVIATIONS

ABV - ABOVE	FIN - FINISH	OPP - OPPOSITE
AC - AIR CONDITION(WG)	FIXT - FIXTURE	OH - OPPOSITE HAND
ACOUS - ACOUSTICAL	FLR - FLOOR	PAF - POWDER ACTUATED
ACT - ACOUSTIC CEILING TILE	FLUOR - FLUORESCENT	PAF - FASTENER
ADJ - ADJACENT	FR - FRAME / FIRE RETARDANT	PL - PLATE
AFC - ABOVE FINISH CEILING	FS - FLOOR SINK	PLAM - PLASTIC LAMINATE
AFS - ABOVE FINISHED SLAB	FT - FEET	PLYWD - PLYWOOD
AFF - ABOVE FINISHED FLOOR	FURR - FURRING	PNL - PANEL
ALT - ALTERNATE	GA - GAUGE	PNT - PAINT
ALUM - ALUMINUM	GC - GALVANIZED	PTD - PAINTED
APPROX - APPROXIMATE	GC - GENERAL CONTRACTOR	PTN - PARTITION
ARCH - ARCHITECTURAL	GL - GLASS	PVC - POLYVINYL CHLORIDE
BD - BOARD	GR - GRADE	R - RISER
BLK - BLOCK	GSF - GROSS SQUARE FEET	RA - RETURN AIR
BLKG - BLOCKING	GWB - GYPSUM WALL BOARD	RAD - RADIUS
BM - BEAM	H - HIGH	REFR - REFRIGERATOR
BOT - BOTTOM	HC - HOLLOW CORE /	REIN - REINFORCE(D)
BRG - BEARING	HND - HANDICAPPED	REQ'D - REQUIRED
CAB - CABINET	HDWD - HARDWOOD	RM - ROOM
CJ - CONTROL JOINT	HDWR - HARDWARE	SC - SOLID CORE
CLR - CLEAR	HM - HOLLOW METAL	SCHED - SCHEDULE
CLG - CEILING	HORIZ - HORIZONTAL	SEC - SECTION
CLO - CLOSET	HR - HOUR	SHT - SHEET
CMU - CONCRETE MASONRY UNIT	HT - HEIGHT	SIM - SIMILAR
CO - CASED OPENING / CLEAN	HVAC - HEATING, VENTILATION &	SO - SQUARE
OUT - AIR CONDITIONING	HW - HOT WATER	SS - STAINLESS STEEL
COL - COLUMN	ID - INSIDE DIAMETER	STL - STEEL
CONC - CONCRETE	INSUL - INSULATION	STD - STANDARD
CONST - CONSTRUCTION	JAN - JANITOR	STOR - STORAGE
CONT - CONTIGUOUS	JT - JOINT	STRUC - STRUCTURAL
CORR - CORRIDOR	KDHM - KNOCK DOWN HOLLOW	SUSP - SUSPENDED
CPT - CARPET	METAL	SYM - SYMMETRICAL
CT - CERAMIC TILE	LAM - LAMINATE	TBD - TO BE DETERMINED
CW - COLD WATER	LAV - LAVATORY	TEL - TELEPHONE
DIA - DIAMETER	LD - LEASE DIMENSION	TEMP - TEMPERED
DIAG - DIAGONAL	LT - LIGHT	TG - TEMPERED GLASS
DIM - DIMENSION	MAT - MATERIAL	THK - THICK
DN - DOWN	MAX - MAXIMUM	TOM - TOP OF MASONRY
DR - DOOR	MECH - MECHANICAL	TYP - TYPICAL
DTL - DETAIL	MIN - MINIMUM	UL - UNDERWRITER'S
DWG - DRAWING	MISC - MISCELLANEOUS	LABORATORY
EACH - EACH	MO - MOISTURE RESISTANT	UNLESS NOTED OTHERWISE
ELEV - ELEVATION	MRGB - GYPSUM WALLBOARD	VCT - VINYL COMPOSITION TILE
ELEC - ELECTRIC	MOUNTED	VERT - VERTICAL
EMER - EMERGENCY	MTD - MOUNTED	VIF - VERIFY IN FIELD
EQ - EQUAL	MTL - METAL	W - WIDE
EQUIP - EQUIPMENT	NC - NONCOMBUSTIBLE	WC - WATER CLOSET
EXIST - EXISTING	NTS - NOT IN CONTRACT	WD - WOOD
EXT - EXTERIOR	NO - NUMBER	WIN - WINDOW
FD - FLOOR DRAIN	NTS - NOT TO SCALE	WO - WINDOW OPENING
FE - FIRE EXTINGUISHER	OCC - OCCUPANCY	WHM - WELDED HOLLOW METAL
FEC - FIRE EXTINGUISHER	O/C - ON CENTER	WFF - WELDED WIRE FABRIC
CABINET	OPNG - OPENING	

### DRAWING SYMBOL LEGEND

DETAIL NUMBER DRAWN ON	DETAIL REFERENCE TAG	WALL / PARTITION TAG
DETAIL NUMBER DRAWN ON	EXTERIOR ELEVATION REFERENCE / WALL SECTION	ROOM TAG
WALL IDENTIFICATION DETAIL NUMBER DRAWN ON	INTERIOR ELEVATION REFERENCE (4 WAY)	KEY NOTE TAG
DETAIL NUMBER DRAWN ON	INTERIOR ELEVATION REFERENCE	FINISH MATERIAL TAG
		DOOR TAG
		WINDOW TAG

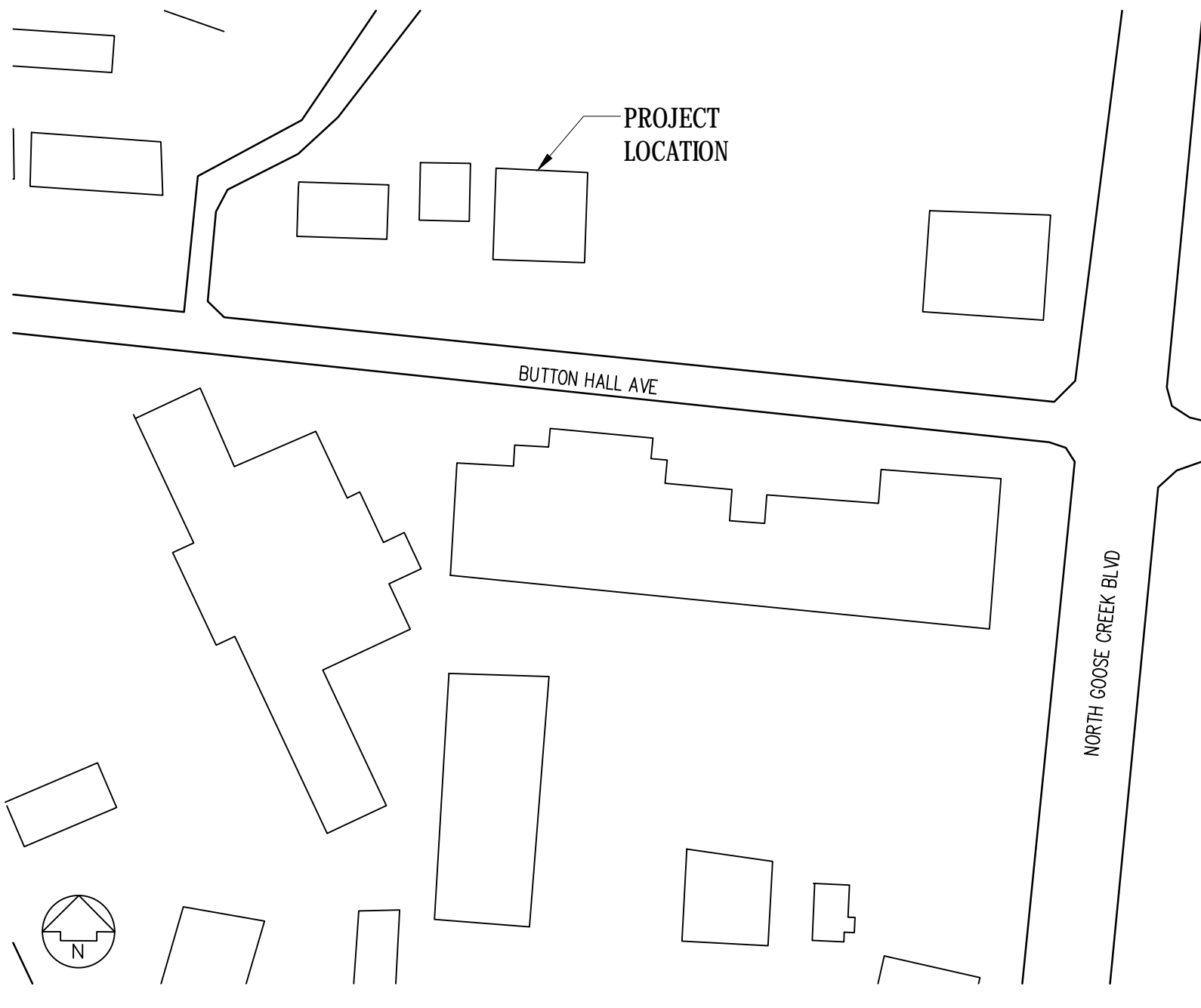
### WALL / PARTITION LEGEND

	POURED CONCRETE WALL		EXISTING WALL / PARTITION
	MASONRY WALL - CMU		DEMOLISHED WALL
	MASONRY WALL - BRICK		STOREFRONT OR GLASS PARTITION
	GWB PARTITION		

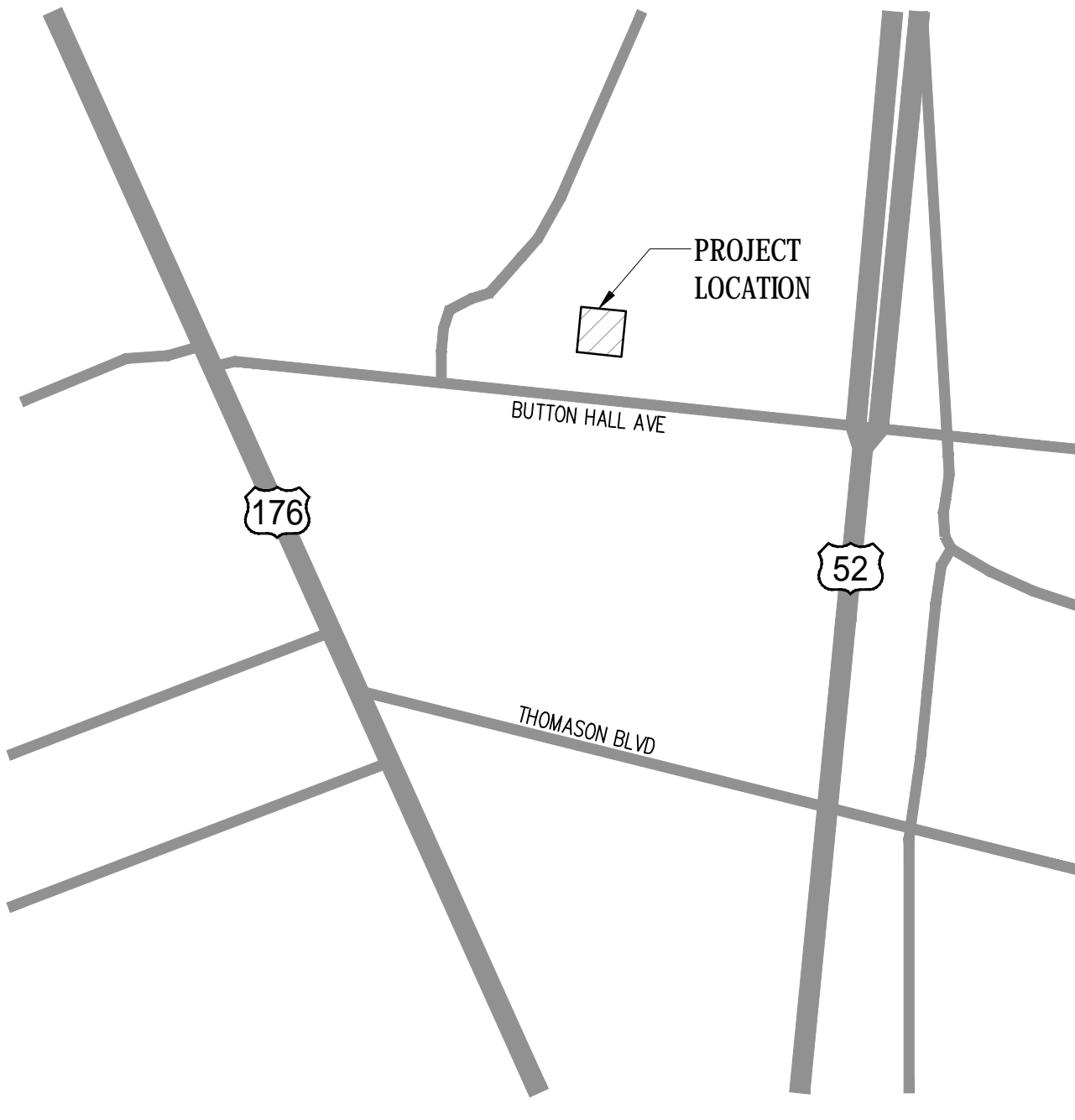
### DRAWING SHEET INDEX

SHEET No.	SHEET TITLE
<b>ARCHITECTURAL</b>	
G-001	PROJECT INFORMATION
G-101	BUILDING CODE ANALYSIS AND LIFE SAFETY FLOOR PLAN
G-201	GENERAL NOTES, CONTRACTOR NOTES, AND SPECIFICATIONS
D-101	DEMOLITION FLOOR PLAN
A-101	NEW WORK FLOOR PLAN
A-102	REFLECTED CEILING PLAN
A-201	DETAIL PLANS AND INTERIOR ELEVATIONS
A-202	TOILET ROOM PLANS, ELEVATIONS, AND SCHEDULE
A-301	VAULT DETAILS
A-401	PARTITION SCHEDULE
A-501	DETAILS
A-701	DOOR AND HARDWARE SCHEDULE
A-702	WINDOW AND FINISH SCHEDULE
<b>STRUCTURAL</b>	
S-101	STRUCTURAL PLAN & NOTES
<b>MECHANICAL</b>	
M-101	MECHANICAL PLAN
M-201	MECHANICAL SCHEDULES
M-301	MECHANICAL DETAILS
MP-101	MECHANICAL PLUMBING SPECIFICATIONS
MP-102	MECHANICAL PLUMBING SPECIFICATIONS
<b>PLUMBING</b>	
P-101	OVERALL & ENLARGED PLUMBING PLANS
P-201	PLUMBING SCHEDULES & RISERS
P-301	PLUMBING DETAILS
<b>ELECTRICAL</b>	
E-101	LIGHTING PLAN
E-102	LIGHTING DETAILS
E-201	POWER PLAN
E-202	POWER DETAILS
E-301	SYSTEMS PLAN
E-302	ELECTRICAL DETAILS
E-401	PANEL SCHEDULES
E-402	ONE-LINE DIAGRAM
E-501	ELECTRICAL SPECIFICATIONS

### SITE MAP



### VICINITY MAP



### PROJECT DIRECTORY

<b>PROJECT NAME/ADDRESS:</b> DUNBAR ARMORED, INC. 6066 AVIATOR DRIVE HAZLETON, MD 63042	<b>ARCHITECT OF RECORD:</b> L2M, INC. 811 CROWMELL PARK DRIVE, SUITE 113 GLEN BURNIE, MD 21061 CONTACT: JEFFREY MAHLER TELEPHONE: (410) 863-1302 X115 FACSIMILE: (410) 863-1308 E-MAIL: JMAHLER@L2M.COM
<b>CLIENT:</b> DUNBAR ARMORED, INC. 50 SCHILLING RD. HUNT VALLEY, MARYLAND 21031 CONTACT: BRIAN D. CAIN, VICE PRESIDENT OF FACILITIES TELEPHONE: 410-229-1970 FACSIMILE: 410-229-1971 E-MAIL: BRIAN.CAIN@DUNBARARMORED.COM	<b>STRUCTURAL ENGINEER:</b> BLUESTREAK CONSULTING ENGINEERS 25001 EMERY ROAD, SUITE 400 CLEVELAND, OH 44128 CONTACT: TERRY FRANCIS TELEPHONE: (216) 223-3296 FACSIMILE: (216) 223-3210 E-MAIL: TFRANCIS@BLUESTREAK-CONSULTING.COM
<b>JURISDICTIONAL AUTHORITY:</b> THE CITY OF GOOSE CREEK 519 N. GOOSE CREEK BOULEVARD GOOSE CREEK, SC 29445 CONTACT: RENEE PHILLIPS TELEPHONE: (843) 797-6220 X1100 FACSIMILE: (843) 863-5208 E-MAIL: RPHILLIPS@CITY.OFGOOSECREEK.COM	<b>MFP ENGINEER:</b> BLUESTREAK CONSULTING ENGINEERS 25001 EMERY ROAD, SUITE 400 CLEVELAND, OH 44128 CONTACT: PETER FITZGERALD TELEPHONE: (216) 223-3290 FACSIMILE: (216) 223-3210 E-MAIL: PFITZGERALD@BLUESTREAK-CONSULTING.COM

L2M  
811 Crowmell Park Drive, Suite 113  
Glen Burnie, Maryland 21061  
L2M@L2M.com  
Phone: 410.863.1302  
Fax: 410.863.1308

ARCHITECT OF RECORD:  
**L2M ARCHITECTS**

**Dunbar ARMORED**  
50 SCHILLING ROAD  
HUNT VALLEY, MD 21031

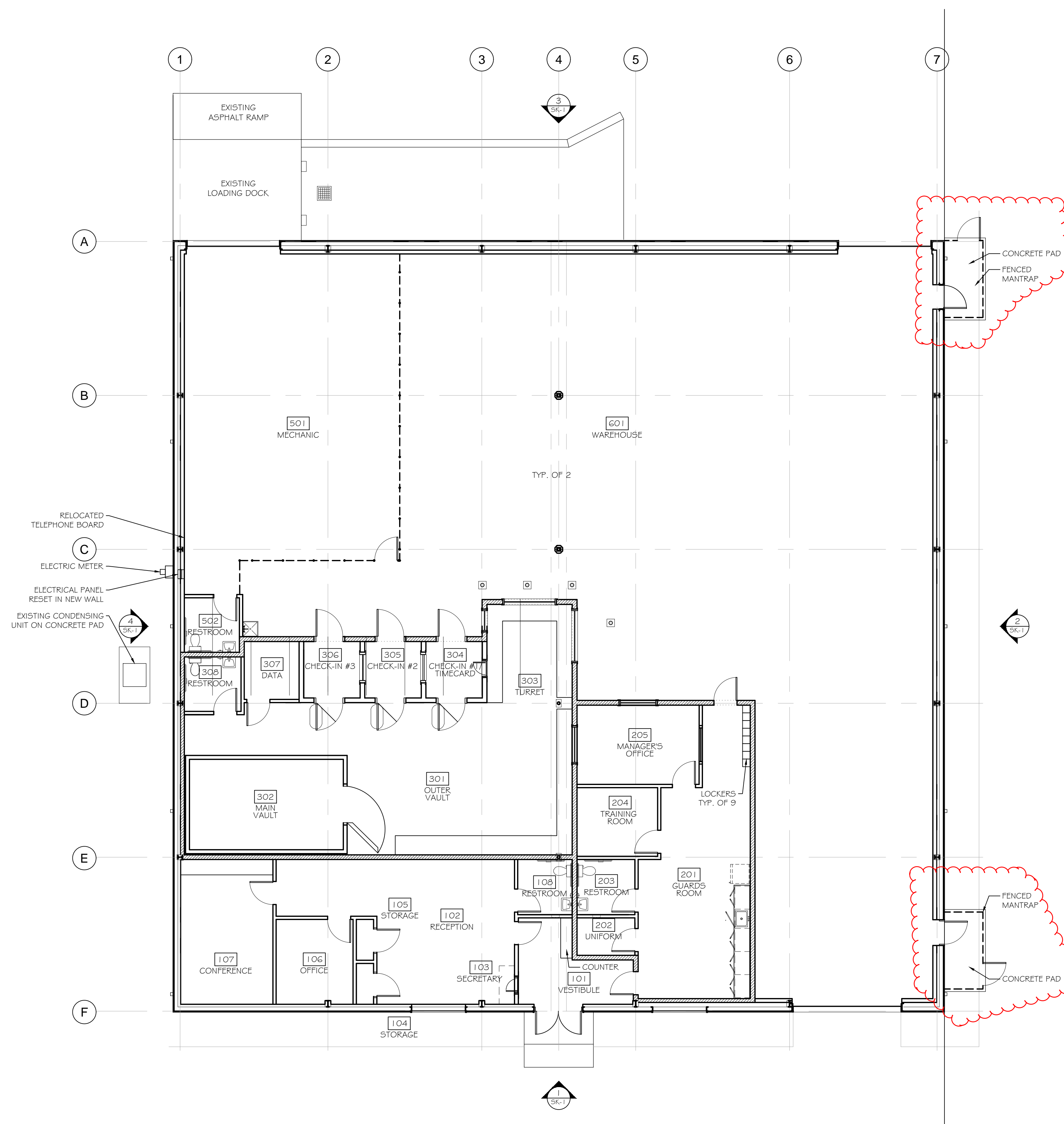
**DUNBAR - CHARLESTON**  
105 BUTTON HALL AVENUE  
GOOSE CREEK, SC 29445

REV. #	ISSUE / DESCRIPTION	DATE
	ISSUED FOR PERMIT	04/11/2018

SHEET TITLE: <b>PROJECT INFORMATION</b>	
DRAWING DATE: <b>04/11/2018</b>	
DRAWN BY: <b>JAB</b>	REVIEWED BY: <b>TPF/SL</b>
PROJECT #: <b>17.300</b>	
SHEET #: <b>G-001</b>	
FILE NAME: <b>17.300 -G-001 .dwg</b>	

FLOOR PLAN NOTES:

1. SEE SHEET A-401 FOR PARTITION SCHEDULE.
2. SEE SHEET A-701 FOR DOOR AND DOOR HARDWARE SCHEDULES.
3. SEE SHEET A-702 FOR FINISH AND WINDOW SCHEDULES.
4. SEE SHEETS A-201 AND A-202 FOR PARTITION TAGS AT RESTROOMS AND CHECK-IN ROOMS.
5. SEE SHEET A-301 FOR PARTITION TYPES ADJACENT TO VAULTS.



**A1** FLOOR PLAN  
SCALE: 1/8" = 1'-0"



L2M  
811 Cromwell Park Drive, Suite 113  
Crownell Business Park at BW1  
Glen Burnie, Maryland 21061  
L2M@L2M.com  
Phone: 410.863.1302  
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ARCHITECT OF RECORD:



50 SCHILLING ROAD  
HUNT VALLEY, MD 21031

**DUNBAR - CHARLESTON**  
105 BUTTON HALL AVENUE  
GOOSE CREEK, SC 29445

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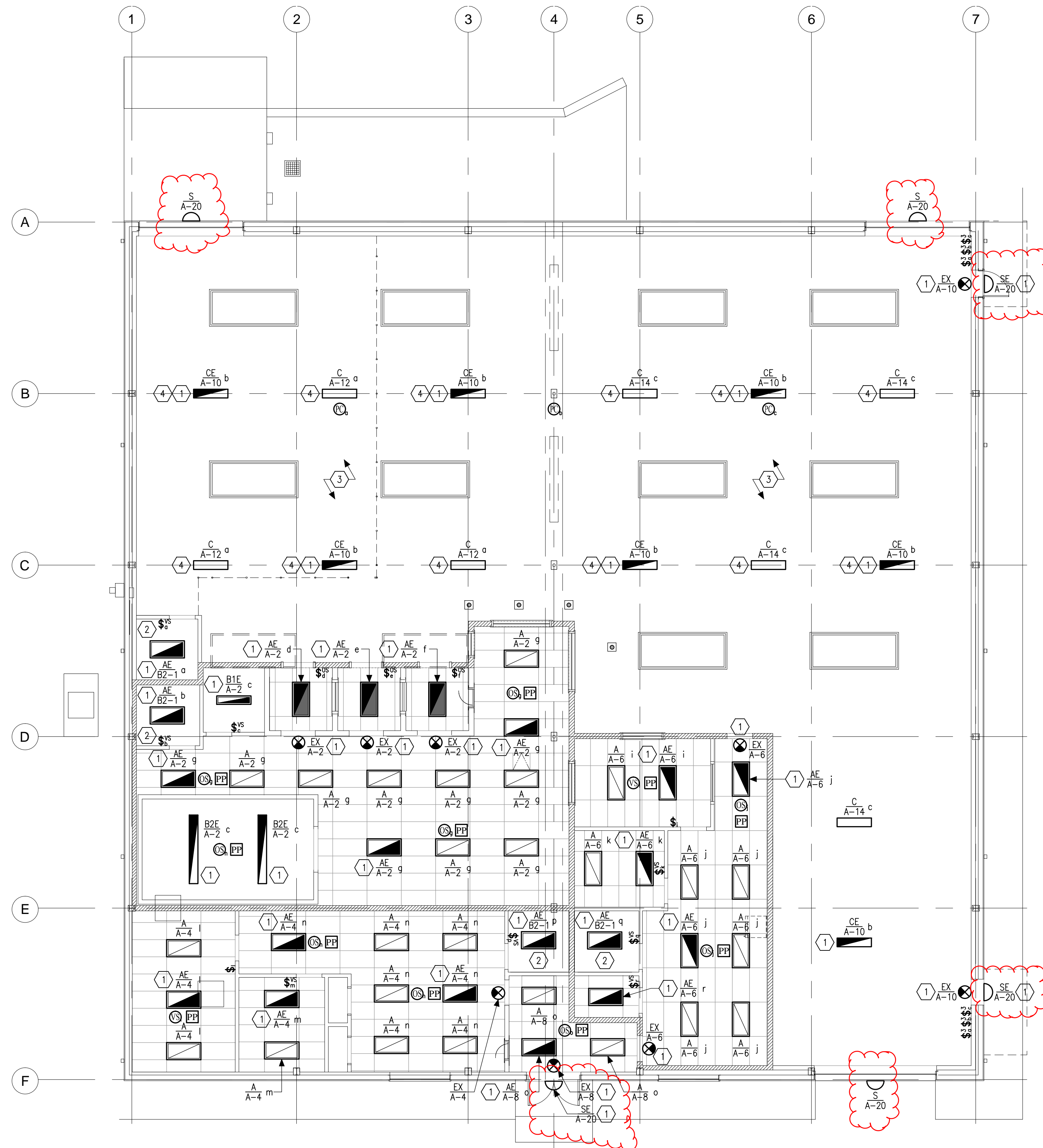
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FLOOR PLAN

DRAWING DATE: 04/11/2018  
DRAWN BY: JAB  
REVIEWED BY: TPF/SL  
PROJECT #: 17.300  
SHEET #

**A-101**

FILE NAME: 17.300 -A-101.dwg



**GENERAL NOTES:**

1. ALL DEVICES, EQUIPMENT, FIXTURES, ETC. MUST BE GROUNDED BY USE OF A PROPERLY SIZED GROUNDING CONDUCTOR. MECHANICAL/ELECTRICAL BONDS OF THE METALLIC RACEWAY SYSTEM SHALL ALSO BE MAINTAINED.
2. BRANCH CIRCUIT WIRE SIZES (AND CONDUITS) SHALL BE INCREASED FROM THOSE INDICATED ON THE PLANS TO PREVENT EXCESSIVE VOLTAGE DROP. BRANCH CIRCUITS SHALL BE INSTALLED WITH WIRES OF SUFFICIENT SIZE SO THAT VOLTAGE DROP BETWEEN THE PANEL AND THE LOADS DOES NOT EXCEED A LIMIT OF 3%.
3. CIRCUITS MAY BE COMBINED IN CONDUIT PROVIDED WIRE IS PROPERLY DERATED AND CONDUIT SIZED PER CODE. UNDER NO CIRCUMSTANCES SHALL MORE THAN NINE (9) CURRENT CARRYING CONDUCTORS BE RUN IN A SINGLE CONDUIT.
4. ALL CONDUITS SHALL CONTAIN A GROUND WIRE SIZED PER NEC TABLE #250-122. WHERE CIRCUIT CONDUCTORS ARE INCREASED IN SIZE FOR VOLTAGE DROP, THE GROUND WIRE SIZE SHALL BE INCREASED PROPORTIONATELY (ACCORDING TO CIRCULAR MIL AREA) FROM THE SIZE REQUIRED BY NEC TABLE #250-122.
5. EXPOSED CONDUITS, WHERE PERMITTED, SHALL BE RUN PARALLEL TO OR AT RIGHT ANGLES TO BUILDING STRUCTURAL MEMBERS.

**KEYED NOTE SCHEDULE**

1. PROVIDE CONSTANT HOT AROUND ALL CONTROLS FOR PROPER OPERATION OF EMERGENCY LIGHTING/EXIT SIGNS. NORMAL BALLAST CONTROLLED AS SHOWN.
2. RESTROOM EXHAUST FANS SHALL BE CONTROLLED WITH RESTROOM LIGHTING VIA LOCAL CONTROLS.
3. MECHANIC AND LOADING AREA LIGHTING SHALL BE CONTROLLED THROUGH TIMECLOCK PROGRAMMED TO OPERATE PER OWNER'S REQUIREMENTS. PROVIDE MANUAL OVERRIDE AT LOCATION DIRECTED BY OWNER.
4. ROUTE LIGHTING CIRCUIT THROUGH PHOTOCELL FOR DAYLIGHT HARVESTING AS REQUIRED BY ENERGY CODE.

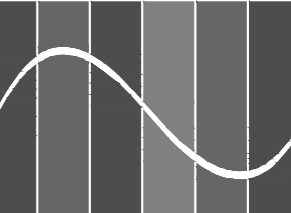
**DEMOLITION NOTES:**

1. PERFORM ALL DEMOLITION OF EXISTING ELECTRICAL SYSTEMS AS INDICATED ON ELECTRICAL AND ARCHITECTURAL PLANS OR NECESSARY FOR THE PROJECT. REMOVE FROM SITE AND PROPERLY DISPOSE OF ALL MATERIAL AND DEBRIS FROM THIS WORK.
2. DEMOLITION DRAWINGS ARE GENERAL IN NATURE SHOWING THE SCOPE OF DEMOLITION WORK. CONTRACTOR SHALL VISIT THE SITE AND BECOME FAMILIAR WITH THE QUANTITY OF LIGHT FIXTURES, OUTLETS, ETC. REMOVE ALL EQUIPMENT AND DEVICES NO LONGER REQUIRED FOR FINISHED CONSTRUCTION. REMOVE CONDUITS BEYOND NEW SURFACES. REMOVE ALL EXISTING WIRE FROM CONDUIT BACK TO POINT OF COMMON USE OR TO PANELS.
3. REMOVE AND/OR RELOCATE EXISTING ELECTRICAL DEVICES ON WALLS OR CEILING BEING REMOVED. COORDINATE EXACT CONDITIONS WITH ARCHITECTURAL DRAWINGS.
4. FOR ALL DEVICES AND FIXTURES BEING REMOVED, REMOVE RELATED CONDUIT AND WIRING TO SOURCE. RE-LABEL EXISTING CIRCUIT BREAKERS AS "SPARE" WHEN LOAD IS COMPLETELY REMOVED OR REVISE LABEL ON PANEL DIRECTORY APPROPRIATELY.
5. PATCH ALL SURFACES TO MATCH SURROUNDING FOR DEVICES TO BE REMOVED FROM EXISTING WALL TO BE MAINTAINED. ALL CIRCUITS WHICH ARE REQUIRED TO REMAIN ACTIVE SHALL BE MAINTAINED OR REWORKED AS REQUIRED. ANY EXISTING CIRCUITS OR CABLING SYSTEMS SERVING AREAS NOT AFFECTED BY DEMOLITION SHALL BE MAINTAINED.
6. ALL CIRCUITS SHALL BE VERIFIED WITH EXISTING DRAWINGS AND ACTUAL FIELD CONDITIONS PRIOR TO BEGINNING DEMOLITION.
7. EXISTING LIGHT FIXTURES BEING RELOCATED SHALL BE CLEANED AND RE-LAMPED. VERIFY CORRECT OPERATION OF EXISTING FIXTURE AND REPORT ALL FAULTY CONDITIONS TO THE ARCHITECT OR OWNER.
8. THE OWNER RESERVES THE RIGHT OF SALVAGE FOR ALL EXISTING ELECTRICAL EQUIPMENT PRIOR TO DEMOLITION. THE CONTRACTOR SHALL REVIEW ALL MATERIALS AND DELIVER TO THE OWNER THOSE REQUIRED IN THEIR EXISTING CONDITION. ALL OTHER MATERIAL SHALL BE REMOVED BY THIS CONTRACTOR.
9. REMOVE DATA AND PHONE CABLING SYSTEM AS DIRECTED BY OWNER. NO CABLES SHALL BE REMOVED OR CUT WITHOUT APPROVAL FROM OWNER. ANY EXISTING CABLES TO REMAIN SHALL BE SUPPORTED FROM STRUCTURE BEFORE CEILING REMOVAL.

**101 LIGHTING PLAN**  
SCALE: 1/8" = 1'-0"



L2M  
811 Crowell Park Drive, Suite 113  
Crownell Business Park at BW1  
Glen Burnie, Maryland 21061  
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25001 EMERY ROAD, SUITE 400  
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50 SCHILLING ROAD HUNT VALLEY, MARYLAND 21031

**DUNBAR - CHARLESTON**  
105 BUTTON HALL AVENUE  
GOOSE CREEK, SC 29445

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SHEET TITLE:  
**LIGHTING PLAN**

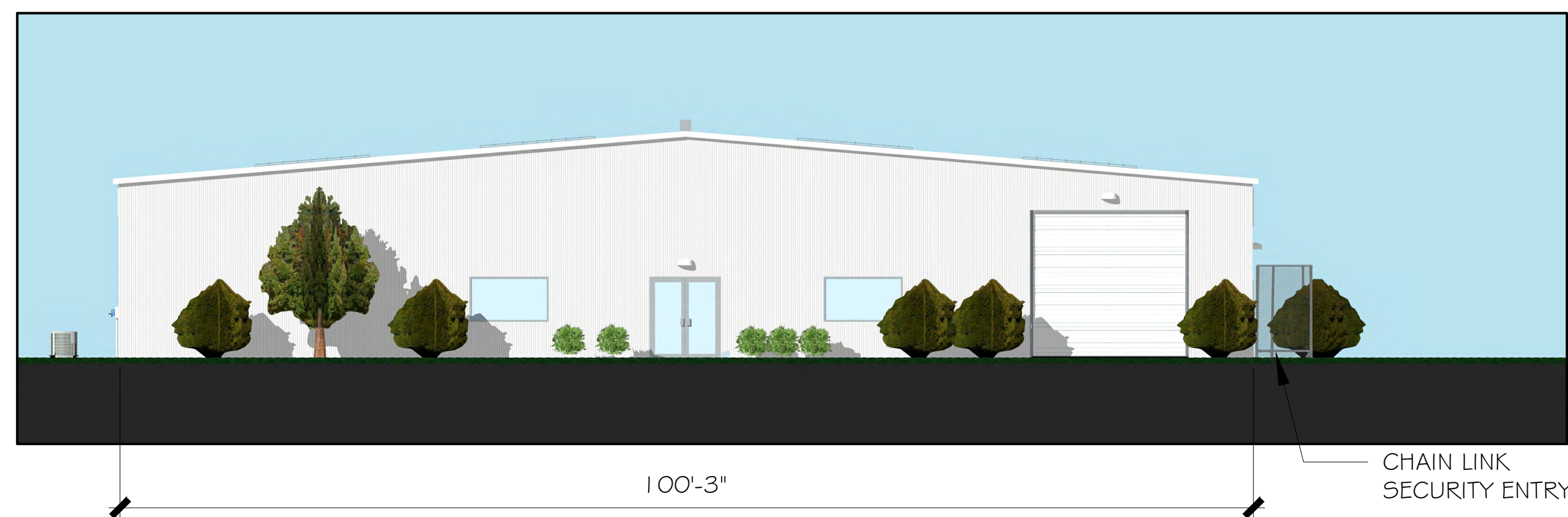
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**03-31-2018**  
DRAWN BY:      REVIEWED BY:

PROJECT #  
**16415**  
SHEET #

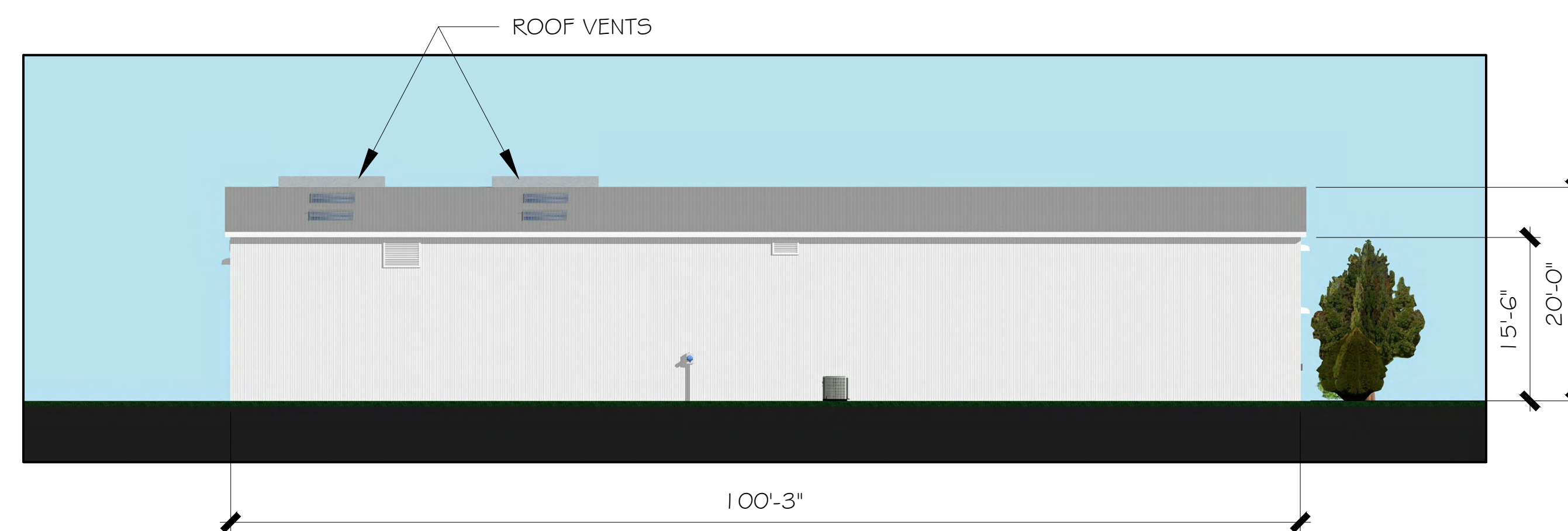
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**E-101**

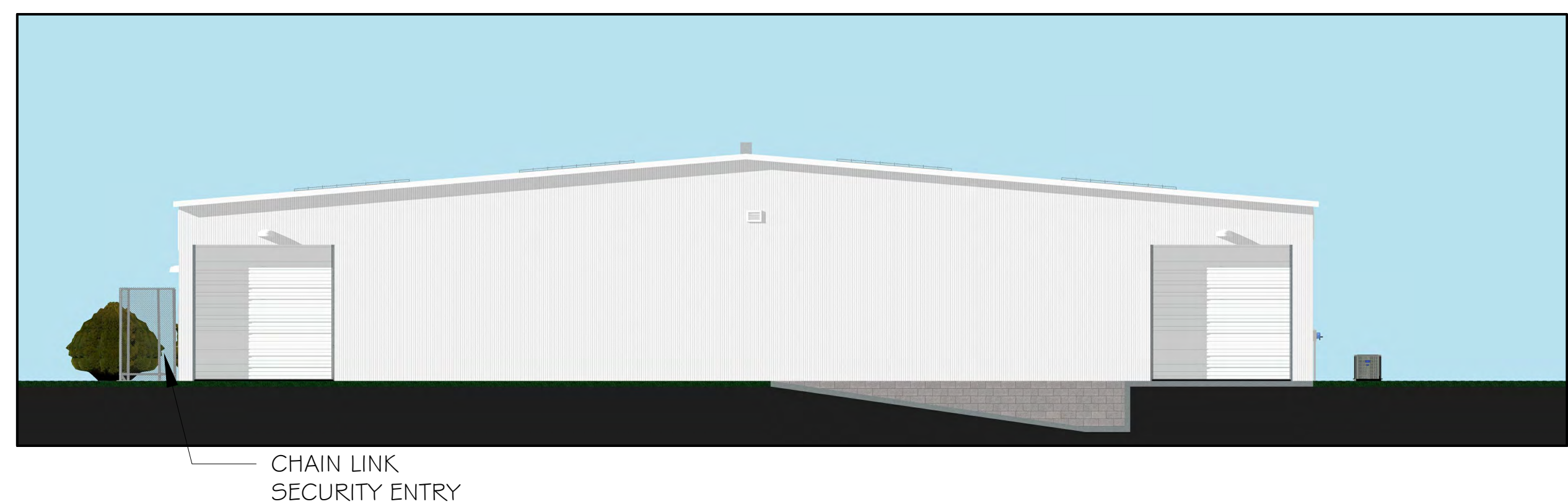




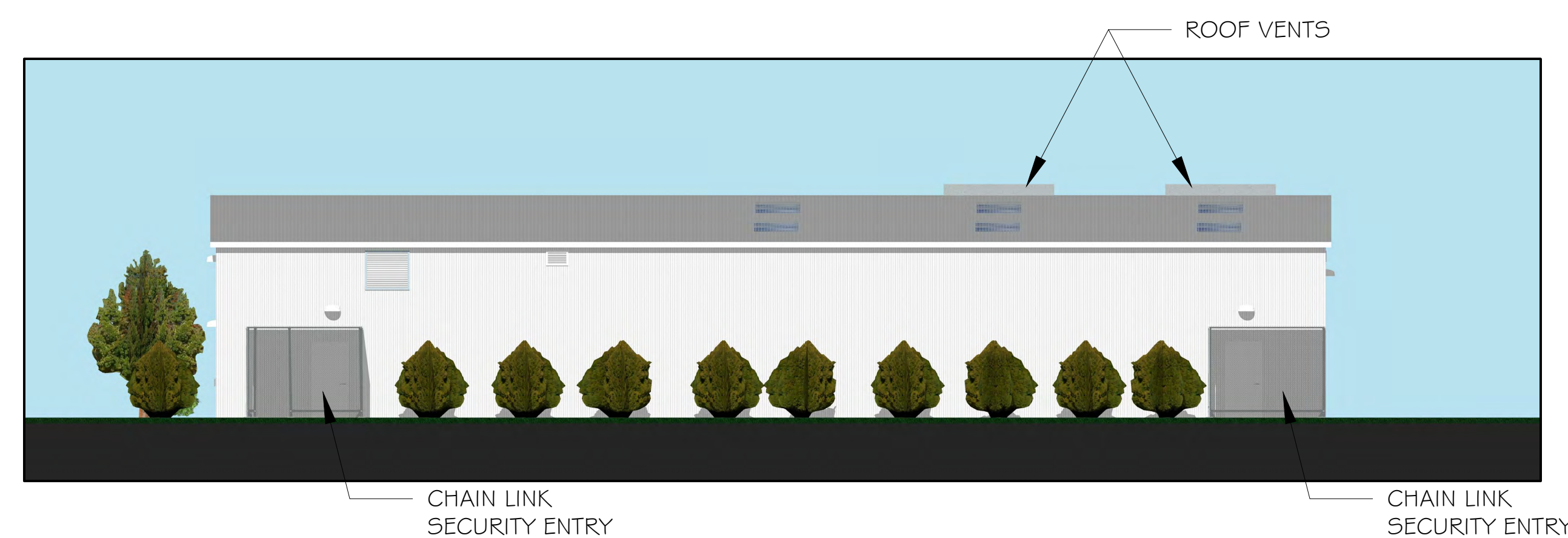
1 SOUTH (STREET) ELEVATION  
SCALE: 3/32" = 1'-0"



2 WEST ELEVATION  
SCALE: 3/32" = 1'-0"



3 NORTH ELEVATION  
SCALE: 3/32" = 1'-0"



4 EAST ELEVATION  
SCALE: 3/32" = 1'-0"

# Standard Colors

Disclaimer: This color chart is for reference only and is not to be used for final color matching. Shades may vary due to the color and resolution of your computer screen and/or your particular color printer output. Greenheck is not responsible or liable for color matches made with online color chart.

Greenheck offers 24 standard colors available in 70% KYNAR 500®/HYLAR 5000®, 50% KYNAR 500®/HYLAR 5000®, and Baked Enamel. These finishes demonstrate optimum durability, color retention and color uniformity. All finishes meet AAMA chalk, gloss and erosion specifications for weather and chemical exposure as well as dry film thickness requirements. Reference the back cover for finish type selection assistance.

In addition to the standard colors represented in this brochure, custom colors are easily matched. Contact your local Greenheck representative for color matching requirements and possible additional lead-time or cost.



Forest Green GF101



Bone White GF102



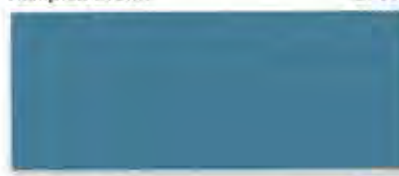
Stone Gray GF103



Smoke GF104



Hampton Brown GF105



Capri Blue GF106



Herring Bone GF107



Classic Bronze GF108



Military Blue GF109



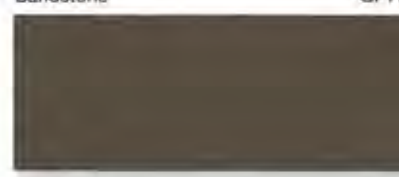
Cambridge White GF110



Brandy Wine GF111



Sandstone GF112



Spartan Bronze GF113



Patina Green GF114



Portland Stone GF115



Pueblo Tan GF116



Forest Green GF117



Sierra Tan GF118



Wedgewood Blue GF119



Ascot White GF120



Coronado Red GF121



Ivory 031



Flat Black 044



Gloss Black 045

\*Model FSG-801 FEMA 361 Grille is limited to the 24 colors on this page only in a liquid powder paint formulation.

# Mica Colors

Disclaimer: This color chart is for reference only and is not to be used for final color matching. Shades may vary due to the color and resolution of your computer screen and/or your particular color printer output. Greenheck is not responsible or liable for color matches made with online color chart.

Greenheck offers ten standard 2-coat Kynar 500®/Hylar 5000® mica colors. Formulated to reproduce the low-gloss metallic luster of anodized aluminum in a wider range of dynamic mica colors, these finishes offer many performance advantages over conventional anodic finishes, including superior resistance to salt spray, greater color uniformity, no discoloration from mortar and easier field repair and touch-up. Organic micas are comprised of natural minerals and crushed pearlescent that are resistant to the harmful effects of the environment compared to a synthetic 2-coat metallic which requires a third clear top-coat for comparable weather resistance.



Slate GF200



Frost GF204



Mocha GF207



Sterling GF201



Sandalwood GF205



Charcoal GF208



Sand GF202



Brownstone GF206



Clear Anodize Mica GF209



Rust GF203

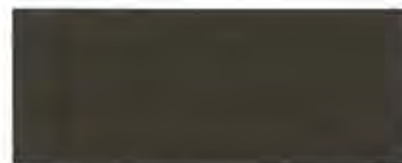
The samples incorporated in this presentation are as close to production materials as color reproduction technology allows. Color samples of metal coupons are available upon request.

# Anodize Colors

The anodizing process creates an extremely hard, durable and aesthetically pleasing coating on aluminum. Greenheck offers seven industry standard anodize colors for our aluminum louver and architectural products that meet the AAMA-611 specification. All anodize colors are also available in a standard 2-coat 70% KYNAR 500®/HYLAR 5000® formulation (consult your local Greenheck representative).



Champagne Anodize ANO-300



Dark Bronze Anodize ANO-303



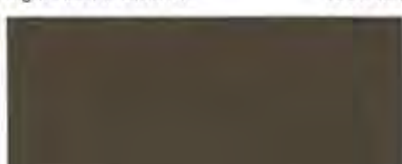
Light Bronze Anodize ANO-301



Extra Dark Bronze Anodize ANO-304



Clear Anodize 215R1 or 204R1



Medium Bronze Anodize ANO-302



Black Anodize ANO-305

# Reference Chart

Choosing the right finish is as critical to a louver project as performance and ratings. The following chart puts complete application information at your fingertips to make the right choice.

Finish Type	Description/Application	Color Selection	Standard Warranty (Aluminum)
2-coat 70% KYNAR 500®/HYLAR 5000® AAMA 2605 – Dry film thickness 1.2 mil. 3-coat 70% KYNAR 500®/HYLAR 5000® AAMA 2605 – Dry film thickness 2.0 mil. (AKA: Duranar®, Fluoropon®, Trinar®, Fluoropolymer, Polyvinylidene Fluoride, PVDF2, Mica, Pearlescent)	<b>“Best.”</b> The premier finish for extruded aluminum. Tough, long-lasting coating has superior color retention and abrasive properties. Resists chalking, fading, chemical abrasion and weathering.	<b>Standard Colors:</b> Any of the 24 standard colors shown can be furnished in 70% or 50% KYNAR 500®/HYLAR 5000® or Baked Enamel.	10 Years (Consult Greenheck for availability of extended warranty)
2-coat 50% KYNAR 500®/HYLAR 5000® AAMA 2604 – Dry film thickness 1.2 mil. (AKA: Acroflur®, Acrynar®)	<b>“Better.”</b> Tough, long-lasting coating has excellent color retention and abrasive properties. Resists chalking, fading, chemical abrasion and weathering.	<b>2-Coat Mica:</b> Greenheck offers 9 standard 2-coat Mica colors. Other colors are available. Consult Greenheck for possible extra cost when selecting non-standard colors or special finishes.	5 Years
<b>Baked Enamel</b> AAMA 2603 – Dry film thickness 0.8 mil. (AKA: Acrabond Plus®, Duracron®)	<b>“Good.”</b> Provides good adhesion and resistance to weathering, corrosion and chemical stain.		1 Year
<b>Color Anodize</b> AA-M10C21A44 (>0.7 mil)	“Two-step” anodizing is produced by following the normal anodizing step with a second, colorfast electrolytic process.	Light, Medium or Dark Bronze; Champagne; Black	5 years
<b>Clear Anodize 215 R-1</b> AA-M10C21A41 (>0.7 mil)	Clear, colorless and hard oxide aluminum coating that resists weathering and chemical attack.	Clear	5 years
<b>Clear Anodize 204 R-1</b> AA-M10C21A31 (0.4-0.7 mil)	Clear, colorless and hard oxide aluminum coating that resists weathering and chemical attack.	Clear	1 Year
<b>Industrial coatings</b>	Greenheck offers a number of industrial coatings such as Hi-Pro Polyester, Epoxy, and Permatector™. Consult a Greenheck Product Specialist for complete color and application information.		Consult Greenheck
<b>Mill</b>	Materials may be supplied in natural aluminum or galvanized steel finish when normal weathering is acceptable and there is no concern for color or color change.		N/A

Finishes meet or exceed AAMA 611, AAMA 2605, AAMA 2604, and AAMA 2603 requirements.  
Please consult [www.greenheck.com](http://www.greenheck.com) for complete information on standard and extended paint warranties.  
Paint finish warranties are not applicable to steel products.

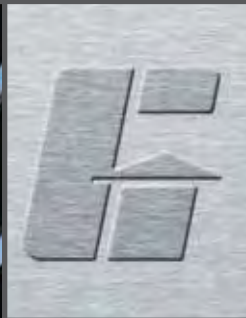


Prepared to Support  
Green Building Efforts



# Louver Products

## Severe Duty, Stationary, Operable



BUILDING VALUE IN AIR.



November  
2017

# Louver Selection Guide

Louvers		Airflow		Aesthetics		AMCA Certifications					
Type	Model	Free Area 48 x 48 in. (sq. ft.)	Free Area 48 x 48 in. (%)	Depth (in.)	Blade Alignment	Wind Driven Rain	Water Penetration	Air Performance	Sound	AMCA 540	AMCA 550
Drainable Blade <i>page 9</i>	EDD-401	8.22	51	4	H		✓	✓			
	EDD-601	8.21	51	6	H		✓	✓			
	EHM-601	7.91	49	6	H		✓	✓			
	ESD-202	6.01	38	2	H		✓	✓			
	ESD-403	8.00	50	4	H		✓	✓			
	ESD-435	8.92	56	4	H		✓	✓			
	ESD-603	8.36	52	6	H		✓	✓			
Drainable Head <i>page 10</i>	EDJ-401	8.32	52	4	H		✓	✓			
	EDJ-430	8.35	52	4	H		✓	✓			
	EDJ-601	8.69	54	6	H		✓	✓			
	EDK-402	8.49	53	4	H		✓	✓			
	EDK-430	8.80	55	4	H		✓	✓			
	ESID-430 DISCHARGE	10.88	68	4	H						
	ESID-430 INTAKE	7.66	48	4	H						
Non-Drainable <i>page 11</i>	ESJ-202	6.01	38	2	H		✓	✓			
	ESJ-401	8.44	53	4	H		✓	✓			
	ESJ-602	8.73	55	6	H		✓	✓			
	ESK-402	8.45	53	4	H		✓	✓			
Adjustable Blade <i>page 12</i>	EAD-401	6.54	41	4	H		✓	✓			
	EAD-601	7.34	46	6	H		✓	✓			
	EAD-635	8.73	55	6	H		✓	✓			
	EAH-401	6.48	41	4	H		✓	✓			
	EAH-690 (45° BLADE)	6.32	40	6	H			✓			
	EAH-690 (90° BLADE)	10.87	68	6	H			✓			
Combination Louvers/Damper <i>page 13</i>	EAC-401	6.34	40	4	H		✓	✓			
	EAC-601	7.41	46	6	H		✓	✓			
	EACA-601	7.68	48	6	H		✓	✓			
	EACC-401	5.41	34	4	H						
	EACC-601	6.20	39	6	H						
	EACN-601	7.18	45	6	H		✓	✓			
	ECD-401	7.60	48	4	H		✓	✓			
	ECD-601	7.32	46	6	H		✓	✓			
	GCE-402	6.36	40	4	H						
GCI-402	6.39	40	4	H							



Greenheck louvers are available in unlimited standard configurations that meet or exceed the industry's most stringent test performance standards while also providing exceptional aesthetic appeal. Choose from extruded aluminum or galvanized steel louvers with a variety of accessories, blade, head and sill designs to fit your application perfectly. Nearly all products are available in both standard and custom finishes and colors that compliment building facades.

### **In-House Product Testing**

Our modern testing facilities position us as an industry leader in developing products that have exceptional performance. Our laboratory is devoted exclusively to the development and testing of louver products to meet the latest AMCA, Miami-Dade County and other industry standards.

### **Quick Build**

Greenheck's Louver quick build program consists of the most complete offering of louvers anywhere. Customers may select 1, 3, 5, and 10-day manufacturing cycles with mill finished louvers or 5, 10, and 15-day manufacturing cycles with finished louvers.

### **Options and Accessories**

We have a full line of accessories, so whether your project necessitates security bars or filter racks, we have what you need. An extensive line of standard finishes, including Kynar® paint, baked enamel paint, industrial coatings or anodize finishes are also available. In addition to our complete line of standard colors, our custom color matching capabilities are endless. These accessories and options allow Greenheck to complete your project just as you envision it.

### **Building Value in Air**

Greenheck Louvers deliver value to mechanical engineers by helping them select the correct louver for their specific application with a comprehensive collection of top quality, innovative louver products. We offer extra value to contractors by providing easy-to-install, competitively priced, reliable products that arrive on time.

- Drainable head member improves ability to prevent water penetration due to an additional drain gutter
- **Models EDJ-430** and **EDK-430** have optional 30-degree blades designed to maximize free area
- **Model ESID-430** is an air intake/discharge louver, which helps prevent the short cycling of air



EDJ-401



EDJ-430



EDJ-601



EDK-402



EDK-430



ESID-430

Model Name	Depth (in.)	Blade Style	Blade Thickness (in.)	Frame Thickness (in.)	AMCA Licensed Ratings	Free Area 4' x 4' Unit	Beginning Point of Water Penetration (ft/min)	Pressure Drop @ 6,000 CFM Intake Velocity (in. wg)	Max Intake Volume Flow Rate (cfm)	Exhaust Volume Flow Rate @ 0.15 in. wg (cfm)
EDJ-401	4	J	0.081	0.081	AP, WP	8.32 52	963	0.08	8012	8325
EDJ-430	4	J	0.081	0.081	AP, WP	8.35 52	941	0.06	7861	9139
EDJ-601	6	J	0.081	0.081	AP, WP	8.69 54	998	0.07	8673	8563
EDK-402	4	K	0.081	0.081	AP, WP	8.49 53	934	0.08	7930	8219
EDK-430	4	K	0.081	0.081	AP, WP	8.80 55	1002	0.06	8818	9309
ESID-430 (Intake)	4	K	0.081	0.081	NR	7.66 48	-	-	4979	-
ESID-430 (Discharge)	4	DC	0.081	0.081	NR	10.88 68	-	-	-	13056

J = J Style, K = K Style, DC = Discharge

AP = Air Performance, WP = Water Penetration, NR = Not Rated



- Maintains a stationary appearance when adjustable blades are closed
- **ECD Series** offer exposed on-blade linkage
- **EAC Series** and **Model EACN-601** offer concealed linkage and center pivot operable blades
- **Model EACA-601** incorporates airfoil blades
- **EACC Series** offer both concealed blade linkage and concealed electric actuator
- **GCE** and **GCI Series** require an exhaust or intake fan for proper operation



EAC-401

**EAC601 SIMILAR**



EACA-601



EACC-401



EACN-601



ECD-401



ECD-601



GCE-402



GCI-402

Model Name	Depth (in.)	Blade Style	Blade Thickness (in.)	Frame Thickness (in.)	AMCA Licensed Ratings	Free Area 4' x 4' Unit	ft <sup>2</sup>	%	Beginning Point of Water Penetration (ft/min)	Pressure Drop @ 6,000 CFM Intake Velocity (in. wg)	Max Intake Volume Flow Rate (cfm)	Exhaust Volume Flow Rate @ 0.15 in. wg (cfm)
EAC-401	4	DA	0.081	0.125	AP, WP	6.34	40	1192	0.15	7557	6062	
EAC-601	6	DA	0.081	0.125	AP, WP	7.41	46	1020	0.11	7558	7146	
EACA-601	6	DAF	0.081	0.125	AP, WP	7.68	48	1221	0.06	9377	9586	
EACC-401	4	DA	0.081	0.125	NR	5.41	34	1192	0.20	6449	5171	
EACC-601	6	DA	0.081	0.125	NR	6.20	39	1020	0.15	6324	5977	
EACN-601	6	J	0.081	0.125	AP, WP	7.18	45	1193	0.09	8566	7593	
ECD-401	4	DA	0.081	0.081	AP, WP	7.60	48	1018	0.09	7737	7769	
ECD-601	6	DA	0.081	0.081	AP, WP	7.32	46	1035	0.09	7576	7700	
GCE-402	4	JG	0.081	0.081	NR	6.36	40	-	-	-	-	
GCI-402	4	JG	0.081	0.081	NR	6.39	40	-	-	-	-	

DA = Drainable Adjustable, DAF = Drainable Airfoil, J = J Blade, JG = J Blade Gravity

AP = Air Performance, WP = Water Penetration, NR = Not Rated



# MRW LED

## Architectural Wall Sconce



Inverted available with WLU option only.

Catalog Number

Notes

Type

Hit the Tab key or mouse over the page to see all interactive elements.

### Introduction

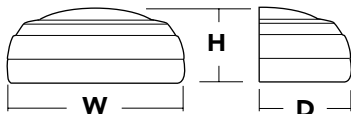
The classic Architectural Wall Sconce is now available with the latest in LED technology. The result is a long-life, maintenance-free product with typical energy savings of 75% compared to metal halide versions. The integral battery backup option provides emergency egress lighting, without the use of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

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

### Specifications

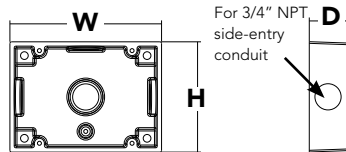
#### Luminaire

**Height:** 7-1/4" (18.4 cm)  
**Width:** 18" (45.7 cm)  
**Depth:** 9" (22.8 cm)  
**Weight:** 18 lbs (8.2 kg)



#### Optional Back Box (BBW)

**Height:** 4" (10.2 cm)  
**Width:** 5-1/2" (14.0 cm)  
**Depth:** 1-1/2" (3.8 cm)



### Ordering Information

**EXAMPLE:** MRW LED 2 10A700/40K SR3 MVOLT DDBTXD

MRW LED	Series	Light Engines	Performance Package	Distribution	Voltage	Mounting	Options <sup>3</sup>	Finish (required)
MRW LED	1	One engine (10 LEDs)	<b>700 mA options:</b> 10A700/30K 3000K	SR2 Type II	<b>MVOLT<sup>1</sup></b> 120 <sup>1</sup> 208 <sup>1</sup> 240 <sup>1</sup> 277 <sup>1</sup> 347 480	<b>Shipped included</b> (blank) Surface mount <b>Shipped separately<sup>2</sup></b> BBW Surface-mounted back box UT5 Uptil 5 degrees	<b>Shipped installed</b> PE Photoelectric cell, button type <sup>4,5</sup> SF Single fuse (120, 277, 347V) <sup>4</sup> DF Double fuse (208, 240, 480V) <sup>4</sup> DMG 0-10V dimming driver (no controls) <b>ELCW</b> Emergency battery backup, non CEC compliant <sup>6,7</sup> WLU Wet location door for up orientation <sup>8</sup> PIR Motion/ambient light sensor <sup>9</sup> DS Dual switching <sup>10</sup> <b>Shipped separately</b> VG Vandal guard WG Wire guard	DBBXD Dark bronze DBLXD Black DNAXD Natural aluminum <b>DWHXD White</b> DSSXD Sandstone DDBTXD Textured dark bronze DBLBXD Textured black DNATXD Textured natural aluminum DWHGXD Textured white DSSTXD Textured sandstone
	2	Two engines (20 LEDs)	<b>10A700/40K 4000K</b> 10A700/50K 5000K	<b>SR4 Type IV</b>				

### Emergency Battery Operation

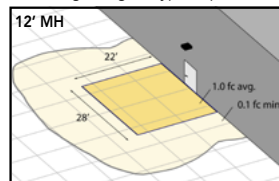
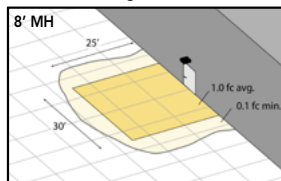
The emergency battery backup (ELCW option) is integral to the luminaire - no external housing required! This design provides reliable emergency operation while maintaining the aesthetics of the product.

All ELCW configurations include an independent secondary driver with an integral relay to immediately detect AC power loss. Dual light engines are wired in parallel so both engines operate in emergency mode and provide additional component redundancy. These design features meet various interpretations of [NFPA 70/NEC 2008 - 700.16](#)

The emergency battery will power the luminaire for a minimum duration of 90 minutes (maximum duration of three hours) from the time supply power is lost, per [International Building Code Section 1006](#) and [NFPA 101 Life Safety Code Section 7.9](#), provided luminaires are mounted at an appropriate height and illuminate an open space with no major obstructions.

The examples below show illuminance of 1 fc average and 0.1 fc minimum of the single-engine Type IV product in emergency mode.

WST LED 1 10A700/40K SR4 MVOLT ELCW  
10' x 10' Gridlines  
8' and 12' Mounting Height



### NOTES

- MVOLT driver operates on any line voltage from 120-277V (50/60 Hz). Specify 120, 208, 240 or 277 options only when ordering with photocell (PE), fusing (SF, DF), or dual switching (DS).
- May also be ordered separately as an accessory. Ex: WSBWW DDBXD U. Must specify finish.
- Must be ordered with fixture; cannot be field installed.
- Not available with MVOLT option. Button photocell (PE) can be ordered with a dedicated voltage option. Single fuse (SF) requires 120, 277 or 347 voltage option. Double fuse (DF) requires 208, 240 or 480 voltage option.
- Not available with 480V option. Not available with motion/ambient light sensor (PIR).
- Integral battery pack is rated for -20° to 60°C operating temperature. ELCW warranty is 3-year period. Not available with 347V or 480V. Not available with WLU.
- Cannot be used in California. Not qualified under CEC T20 requirements.
- WLU not available with PIR or ELCW.
- Specifies the [SensorSwitch SFOD-7-ODP](#) control (photocell included); see [Motion Sensor Guide](#) for details. Includes ambient light sensor. Not available with "PE" option (button type photocell). Dimming driver standard. Not available with WLU, VG or WG.
- Provides 50/50 luminaire operation via two independent drivers and light engines on two separate circuits. Not available with one engine, MVOLT, ELCW, WLU, SF, or DF. Must specify voltage; voltage must be the same for both drivers. When ordered with photocell (PE) or motion sensor (PIR), only the primary power source leads will be controlled.



## Performance Data

### Lumen Output

Lumen values are from photometric tests performed in accordance with IESNA LM-79-08. Data is considered to be representative of the configurations shown, within the tolerances allowed by Lighting Facts.

Light Engines	Drive Current (mA)	Performance Package	System Watts (MVOLT <sup>1</sup> )	Dist. Type	40K (4000K, 70 CRI)				
					Nominal Lumens	B	U	G	LPW
1 (10 LEDs)	700	10A700/--K	24W	SR2	2,005	1	0	1	84
				SR3	2,029	1	0	1	84
				SR4	1,959	1	0	1	82
2 (20 LEDs)	700	10A700/--K	47W	SR2	3,944	1	0	1	84
				SR3	4,028	1	0	1	86
				SR4	3,851	1	0	1	82

1 See electrical load chart for 347/480V system watts.

### Lumen Ambient Temperature (LAT) Multipliers

Use these factors to determine relative lumen output for average ambient temperatures from 0-40°C (32-104°F).

Ambient		Lumen Multiplier
0°C	32°F	1.10
10°C	50°F	1.06
20°C	68°F	1.02
<b>25°C</b>	<b>77°F</b>	<b>1.00</b>
30°C	86°F	0.98
40°C	104°F	0.92

### Projected LED Lumen Maintenance

Data references the extrapolated performance projections for the **MRW LED 2 10A700** platform in a **25°C ambient**, based on 10,000 hours of LED testing (tested per IESNA LM-80-08 and projected per IESNA TM-21-11).

To calculate LLF, use the lumen maintenance factor that corresponds to the desired number of operating hours below. For other lumen maintenance values, contact factory.

Operating Hours	0	25,000	50,000	100,000
Lumen Maintenance Factor	1.0	0.94	0.88	0.77

### Electrical Load

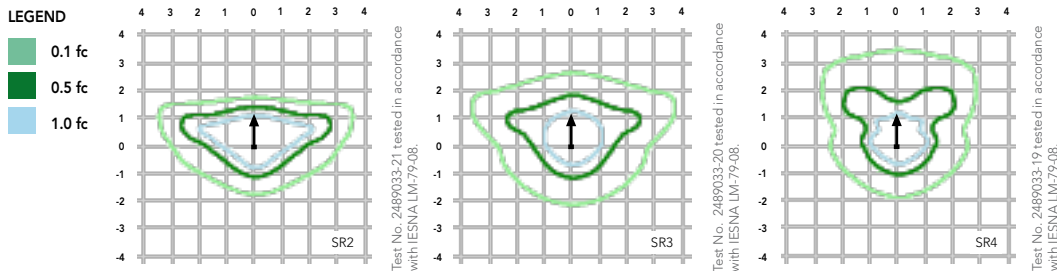
Light Engines	Drive Current (mA)	System Watts	Current (A)					
			120	208	240	277	347	480
1	700	24W	0.24	0.14	0.12	0.1	-	-
		29W <sup>1</sup>	-	-	-	-	0.09	0.07
2	700	47W	0.44	0.27	0.23	0.20	-	-
		53W <sup>1</sup>	-	-	-	-	0.17	0.12

1 Higher wattage is due to electrical losses from step-down transformer.

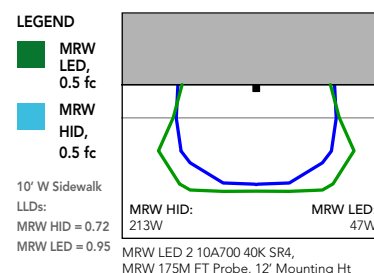
## Photometric Diagrams

To see complete photometric reports or download .ies files for this product, visit Lithonia Lighting's [MRW LED homepage](#).

Isfootcandle plots for the MRW LED 2 10A700/40K SR2, SR3, and SR4. Distances are in units of mounting height (12").



Distribution overlay comparison to 175W metal halide.



## FEATURES & SPECIFICATIONS

### INTENDED USE

The classic architectural shape of the MRW LED was designed for applications such as hospitals, schools, malls, restaurants, and commercial buildings. The long life LEDs and driver make this luminaire nearly maintenance-free.

### CONSTRUCTION

The single-piece die-cast aluminum housing integrates secondary heat sinks to optimize thermal transfer from the internal light engine heat sinks and promote long life. The driver is mounted in direct contact with the casting for a low operating temperature and long life. The die-cast door frame is fully gasketed with a one-piece solid silicone gasket to keep out moisture and dust, providing an IP65 rating for the luminaire.

### FINISH

Exterior parts are protected by a zinc-infused Super Durable TGIC thermoset powder coat finish that provides superior resistance to corrosion and weathering. A tightly controlled multi-stage process ensures a minimum 3 mils thickness for a finish that can withstand extreme climate changes without cracking or peeling. Standard Super Durable colors include dark bronze, black, natural aluminum, sandstone and white. Available in textured and non-textured finishes.

### OPTICS

Precision-molded acrylic lenses are engineered for superior distribution, uniformity, and spacing in wall-mount applications. Light engines are 4000K (70 CRI). The MRW LED has zero uplight and qualifies as a Nighttime Friendly™ product, meaning it is consistent with the LEED® and Green Globes™ criteria for eliminating wasteful uplight.

### ELECTRICAL

Light engine(s) consist of 10 high-efficacy LEDs mounted to a metal core circuit board and integral aluminum heat sinks to maximize heat dissipation and promote long life (100,000 hrs at 25°C, L77). Class 2 electronic driver has a power factor >90%, THD <20%. Easily-serviceable surge protection device meets a minimum Category B (per ANSI/IEEE C62.41.2).

### INSTALLATION

A universal mounting plate with integral mounting support arms allows the fixture to hinge down for easy access while making wiring connections.

### LISTINGS

CSA certified to U.S. and Canadian standards. Light engines are IP66 rated; luminaire is IP65 rated and suitable for wet locations when mounted with the lenses down. WLU option offers wet location listing in "up" orientation. Rated for -30°C minimum ambient.

### WARRANTY-5YR

5-year limited warranty. Complete warranty terms located at [www.acuitybrands.com/CustomerResources/Terms\\_and\\_conditions.aspx](http://www.acuitybrands.com/CustomerResources/Terms_and_conditions.aspx).

**Note:** Actual performance may differ as a result of end-user environment and application. All values are design or typical values, measured under laboratory conditions at 25 °C. Specifications subject to change without notice.



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# ***ARB Proposal***

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**Ra Coffee Company, LLC**



**Ra Coffee Company**

**Christina and Daniel Guzman  
118 Londonderry Rd.  
Goose Creek, SC 29445  
425-328-0466  
[www.racoffeecompany.com](http://www.racoffeecompany.com)**



# Architectural Review Board

## APPLICATION / INFORMATION SUMMARY

DEPARTMENT OF PLANNING AND ZONING 843-797-6220 EXT. 1118

P.O. Drawer 1768

519 N. Goose Creek Blvd.

Goose Creek, South Carolina 29445-1768

www.cityofgoosecreek.com

Fax: 843-863-5208

Property Address: 110 S. Goose Creek Blvd		TMS No.: 2431207019
Review request:	For:	Preliminary meeting date requested: May 21, 2018
<input type="checkbox"/> Conceptual	<input type="checkbox"/> New Construction <input checked="" type="checkbox"/> Alterations / Additions	<input checked="" type="checkbox"/> Appeal Decision of Architectural Review Board
<input checked="" type="checkbox"/> Preliminary <input checked="" type="checkbox"/> Final	<input type="checkbox"/> Repairs or repaint with no changes	<input checked="" type="checkbox"/> Color Change <input type="checkbox"/> Demolition

Property Owner: Ra Coffee Company, LLC	Daytime phone: 805-914-4488
Applicant: Dan + Christina Guzman	Daytime phone: 425-328-0466
ARB Meeting Representative: Dan + Christina Guzman	Contact Information: same
Applicant's mailing address: 118 Londonderry Rd	
City: Goose Creek	State: SC Zip: 29445
Applicant's e-mail address: guzmancd0115@gmail.com	
Applicant's relationship: <input checked="" type="checkbox"/> Owner <input type="checkbox"/> Design Professional <input type="checkbox"/> Contractor <input type="checkbox"/> Real Estate Agent/Broker <input type="checkbox"/> Other	

**Materials/Colors Used:** (specific color(s)/manufacture #'s listed: samples must be presented to Board  attached)  
 (Example: Building Materials, Exterior Colors, Landscaping, Lighting)

Please see attached statement of work.

**Scope of Work:** (please give a detailed description)

Please see attached scope of work, layout & design

I hereby acknowledge by my signature below that the foregoing application is complete and accurate and that I am the owner of the subject property or an authorized representative. I authorize the subject property to be posted and inspected, and the application to be heard by the Architectural Review Board of the City of Goose Creek on the date specified.

Applicant's signature: Christina Guzman Date: 5/6/18

Print name legibly: Christina Guzman / Dan Guzman

# Exterior: Column clean & paint



Behr- Semi Gloss  
Interior Door and door moldings



More Options Available  
**BEHR Premium Plus #1812 Swiss Coffee Paint**

# Exterior:

- Front canvas façade removed
  - Repair and texture stucco as needed
- (3) Addition of front Qty 2 canvas awning(s)
- Addition of front light fixtures
- (5) Circular Sign Front of Building
  - Illuminated. Quoted through Carolina Sign.



Faux rock options (1A, 1B, 1C)



3=Awnings and light fixtures

**eCanopy**  
 My Account Order Status Help  
 FREE SHIPPING 100% LOW PRICE 100% SECURE  
 HURRY! APRIL BLOWOUT SALE - Quantities Limited at this Price!  
 Awntech New Yorker Window/Entry Slope Awning for Low Eaves - 8 Feet  
 Sale Price: ~~\$688.01~~ & FREE Shipping  
 18 Height x 36 Projection (add \$99.96)  
 Burgundy (add \$39.96)  
 In Stock

Awnings Commercial Wind Rated



**Veneerstone Stacked Stone Winslow Flats 10 sq. ft. Handy Pack Manufactured Stone**  
 Model# 97535  
 ★★★★★ (28)  
 \$96<sup>02</sup>

**Veneerstone Stacked Stone Winslow Flats 150 sq. ft. Bulk Pallet Manufactured Stone**  
 Model# 97537  
 ★★★★★ (1)  
 \$1,138<sup>99</sup>

1A



**Veneerstone Shadow Ledge Kanella 10 sq. ft. Handy Pack Manufactured Stone**  
 Model# 97616  
 ★★★★★ (3)  
 \$90<sup>69</sup>

1B

**Veneerstone Shadow Ledge Stone Kanella 150 sq. ft. Bulk Pallet Manufactured Stone**  
 \$1075<sup>71</sup> each

Overview

A long, narrow chiseled face gives Ledge Stone an ancient feeling, like that found in European architecture of century's past. The natural warmth and transparency of stone, coupled with y...

More Options Available

\$92.47 / each

1C

Veneerstone Ledge Stone Bristol Flats 10 sq. ft. Handy Pack Manufactured Stone



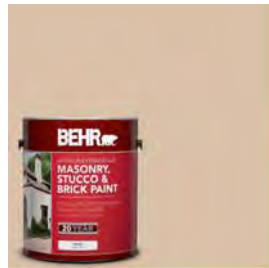
More Options Available

\$1,096.80 / each

Veneerstone Ledge Stone Bristol Flats 150 sq. ft. Bulk Pallet Manufactured Stone

# Exterior:

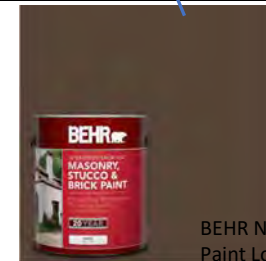
- Metallic portions of roof
- BEHR RP-31
- Chaparral Brown
- Metal portions of roof & side metallics to be painted



BEHR S240-3 Ash Blonde Flat Masonry Paint  
Upper portion of building (all sides)



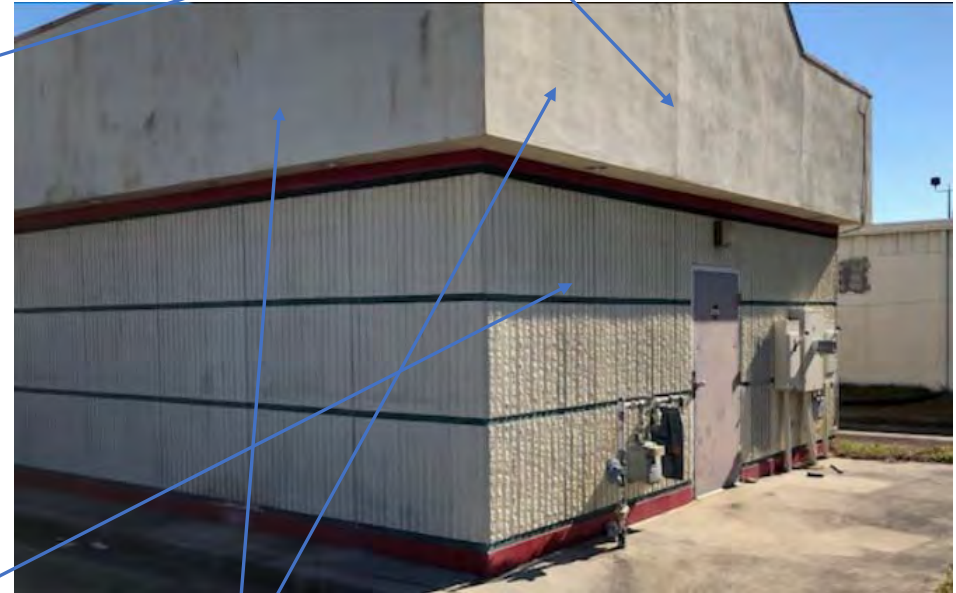
- Asphalt seal coat & strip parking area
- Pressure wash and clean exterior concrete & asphalt prior to seal.



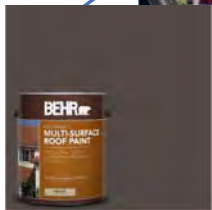
BEHR N170-7 Baronial Brn Flat Masonry Paint  
Lower portion of building (side)



# Exterior:



- Stucco patch or blend before paint



- Paint Color
- BEHR RP-31
  - Chaparral Brn
  - Metal portions of Roof & siding



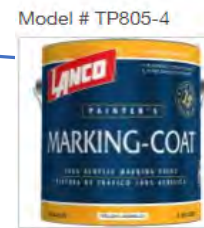
- Remove bottom row of tile around building
- Stucco texture & paint to match building
- Areas with décor rock will not need stucco after tile is removed



BEHR N170-7 Baronial Brn Flat Masonry Paint Lower portion of building (all sides) And exterior back door



BEHR S240-3 Ash Blonde Flat Masonry Paint Upper portion of building (all sides)



Model # TP805-4



Super Traffic yellow marking paint

# Exterior:



Home About us Where to Buy Accessories Order/Status Service Videos  
 Archives Manuals Service Providers Install Gallery Privacy Policy Warranty

## 275 Single Panel Slider

For retail operators who want to get an edge on their competition by offering customers convenient, face-to-face service, the 275 Single Panel Slider is perfect. Ideal for fast food, walk-up service, and many other applications.



Request a Quote Order

### Downloads

- Cut Sheet
- Installation/Service/Operational Manual
- Cut Sheet with dimensions and an optional option

### PRODUCT DESCRIPTIONS

#### 4 Standard Sizes Available

- 47 1/2"W x 43 1/2"H with a 15" wide x 35" high service opening
- 47 1/2"W x 35 3/4"H with a 15" wide x 27" high service opening
- 47 1/2"W x 28 3/4"H with a 15" wide x 27" high service opening (Calif. Appliance Restricted Requirements)
- 26 3/4"W x 28 3/4"H with a 13-1/2" wide x 27" high service opening (Manual Open/Self-Close or MODR Only)

#### 4 Modes of Operation

- 275 Manual Open/Self-Closing - Ready Access Patented Technology-So simple to operate, the service door opens effortlessly and automatically closes when the operator releases the handle.
- 275 Manual Open/Manual Close - When total control over the operation of the window is needed.
- 275 M.O.E.R. (Manual Open/Electronic Release) - The 275 Manual Open/Electronic Release Window has a manual open, self-closing operation which electro-magnetically holds the window open until the operator finishes their transaction and steps out of the premises service. For exclusive view of online installation.
- 275 Fully Automatic Electric - With a hands-free operation the 275 Electric Window is ideal for heavy traffic situations. It provides easier operation and speedier service than the manual operating windows.



More Options Available More Options Available

**Veneerstone Stacked Stone Winslow Flats 10 sq. ft. Handy Pack Manufactured Stone**  
 Model# 97535  
 ★★★★★ (28)  
 \$96<sup>92</sup> **1A**



**Veneerstone Shadow Ledge Kanella 10 sq. ft. Handy Pack Manufactured Stone**  
 Model# 97616  
 ★★★★★ (3)  
 \$90<sup>69</sup> **1B**

**Veneerstone Shadow Ledge Stone Kanella 150 sq. ft. Bulk Pallet Manufactured Stone**  
 ★★★★★ (28)  
 \$1075<sup>71</sup>  
 More Options Available

**Veneerstone Ledge Stone Bristol Flats 10 sq. ft. Handy Pack Manufactured Stone**  
 \$92.47 / each  
 More Options Available

Quantity

**Veneerstone Ledge Stone Bristol Flats 150 sq. ft. Bulk Pallet Manufactured Stone**  
 \$1,096.80 / each  
 More Options Available

**Veneerstone Ledge Stone Bristol Flats 10 sq. ft. Handy Pack Manufactured Stone**  
 \$92.47 / each  
 More Options Available

Remove film or add clear window L&R  
 Side of building. Space needed to fit drive thru window??

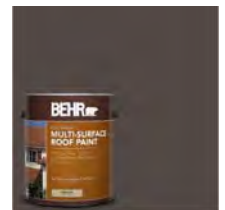
Drive Thru Window  
 (1 per L&R side of building)

Faux Stone Accents  
 1A, 1B, or 1C



Paint All Aluminum Window Trim Around front and sides of building

- Metallic window frames-paint external
- BEHR RP-31
- Chaparral Brown



# Exterior Drive Thru Window Options:



800-621-5045  
ready@ready-access.com

PRICE Quote \$940.00 per window + freight  
(estimate \$285+/-\* total)

Home About us Windows Accessories Order/Status Service Videos  
Architect Manuals Service Providers Install Gallery Privacy Policy Warranty

## 275 Single Panel Slider

For retail operators who want to get an edge on their competition by offering customers convenient, face-to-face service, the 275 Single Panel Slider is perfect. Ideal for fast food, walk-up service, and many other applications.

[View MOER Design](#)



[Request a Quote](#) [Order](#)



### Downloads .pdfs

	Cut Sheet
	Installation/Service/Operation Manual
	Cut Sheet <small>with transom and air curtain options</small>

### PRODUCT DESCRIPTIONS

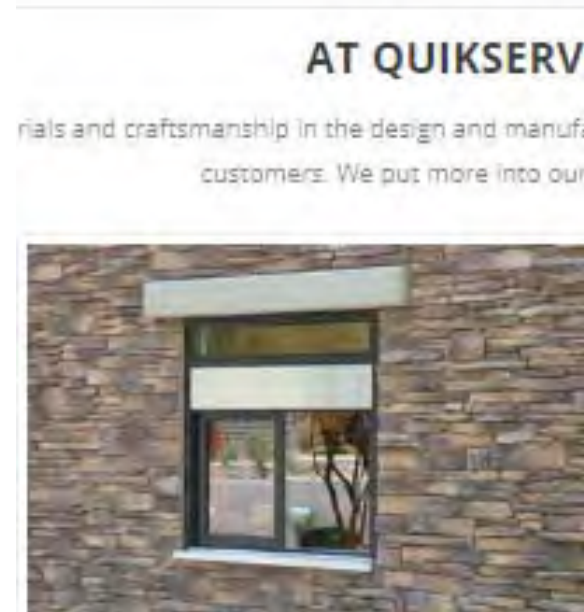
#### 4 Standard Sizes Available

- 47 1/2" W x 43 1/2" H with a 19" wide x 35" high service opening
- 47 1/2" W x 35 3/4" H with a 19" wide x 27" high service opening
- 47 1/2" W x 35 3/4" H with a 15" wide x 27" high service opening (Calif. App. Restricted Requirements)
- 35 3/4" W x 35 3/4" H with a 13-1/2" wide x 27" high service opening (Manual Open/Self Closer or MOER Only)
- Custom sizes available upon request. \*Please note that all 275 fully automatic windows must have at least 19"W service opening.

#### 4 Modes of Operation

- **275 Manual Open/Self Closing** - Ready Access Patented Technology -So simple to operate, the service door opens effortlessly and automatically slides shut when operator releases the handle. [\(can be adjusted in field to be a manual closer\)](#)
- **275 Manual Open/Manual Close** -When total control over the operation of the window is needed.
- **275 M.O.E.R. (Manual Open/Electronic Release)** -The 275 Manual Open/Electronic Release Window has a manual open, self closing operation which electro-magnetically holds the window open until the operator finishes their transaction and steps out of the presence sensor. Two electrical hook up options: [View MOER Design](#)
- **275 Fully Automatic Electric** -With a hands-free operation the 275 Electric Window is ideal for heavy traffic situations. It provides easier operation and speedier service than the manual operating windows.

\*Please note that all 275 fully automatic windows must have at least 19"W service opening.



Model SC-CUSTOM Flush mount Manual Self-closing slider, 36-1/2" W x 29-1/2"H with 1/4" clear tempered glass in dark bronze or clear anodized framing is \$1305.00/each + freight + sales tax if applicable; 4 week lead time

# Exterior:



- Roof Replace. Remove vents from
- HVAC System- Replace 3 ton. & center metallic duct
- Below truss exposed.

- Top metal side wall cap replaced
- with roof paint to match BEHR S240-3 Ash Blonde Flat



- Stucco repair patch both L &R sides



- Underside paneling, clean up and use existing

# Other Options:

- Exterior Can light fixtures reuse
- Landscape Cleanup & improvement?
- Clean-up, prep & paint trash holding area
- (BEHR S240-3 Ash Blonde Flat for stucco & BEHR RP-31 Chaparral Brown for metallic front)

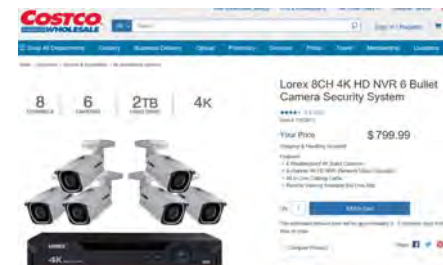


Digital TV menu or  
Illuminated menu board case L&R side  
of building next to drive through window  
(Power Required for either option)

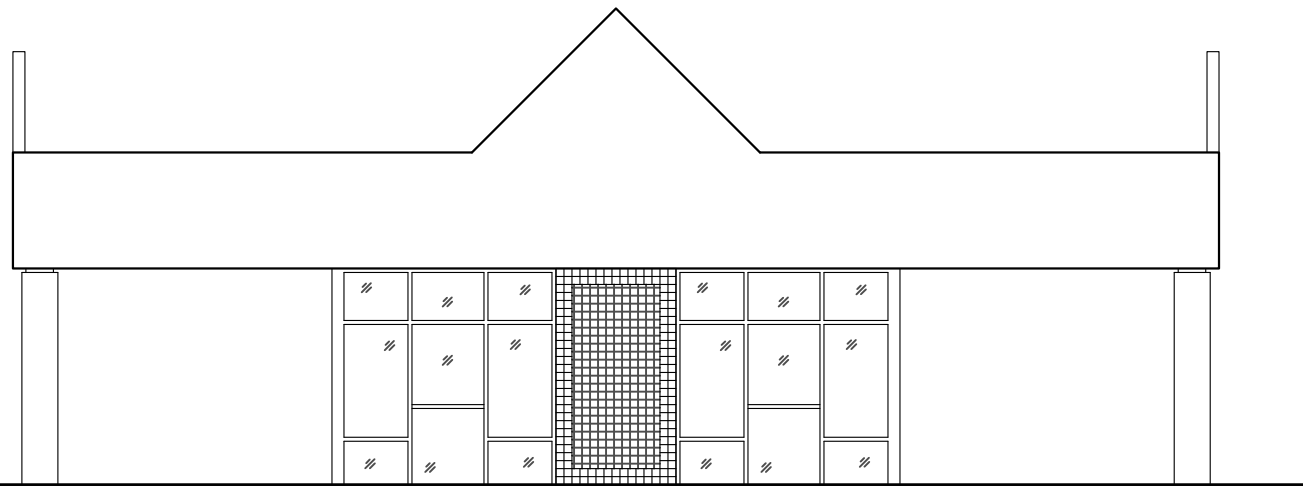


40-50 Inch Weatherproof TV Enclosure-

43" | 4K | 3x HDMI | SMART

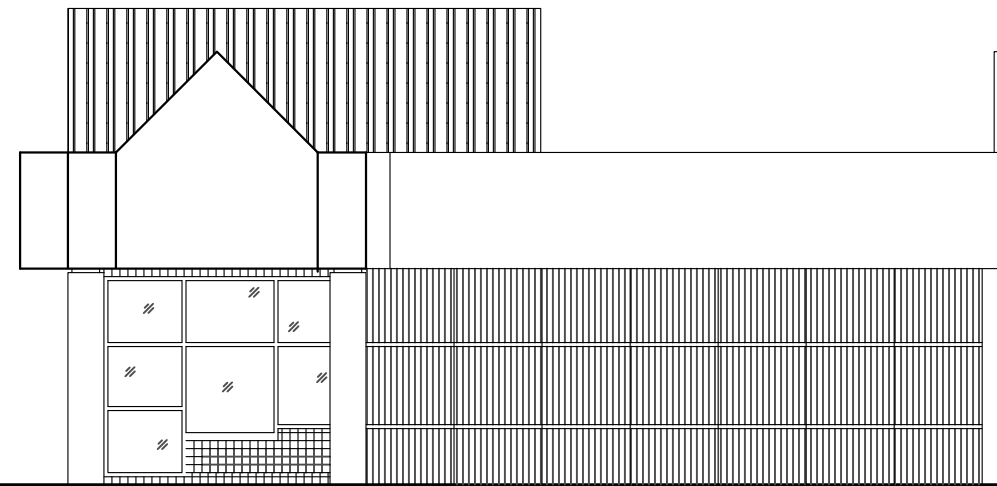


Power source and wiring  
to office for security system



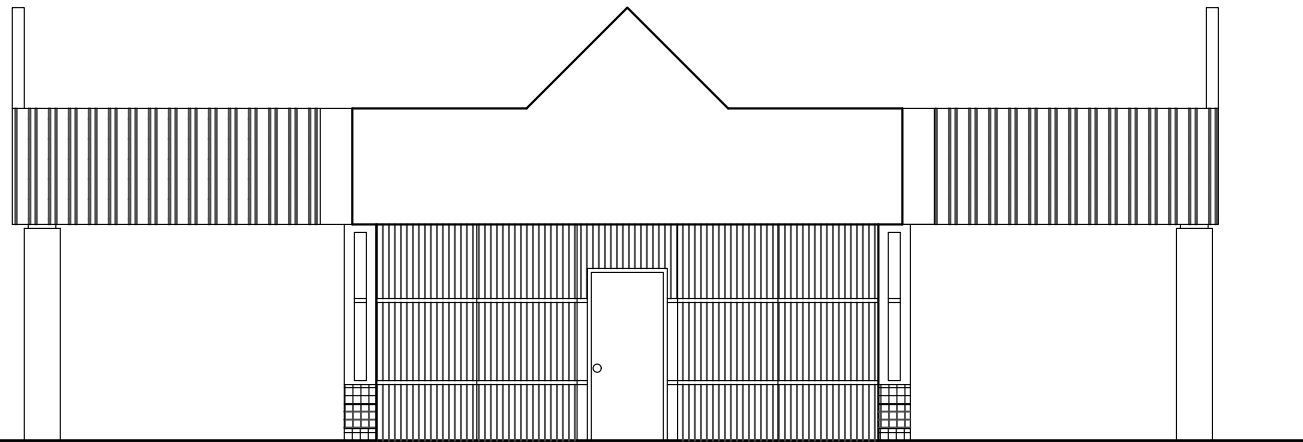
1 EXISTING FRONT ELEVATION

Scale: NTS



2 EXISTING SIDE ELEVATION

Scale: NTS



3 EXISTING REAR ELEVATION

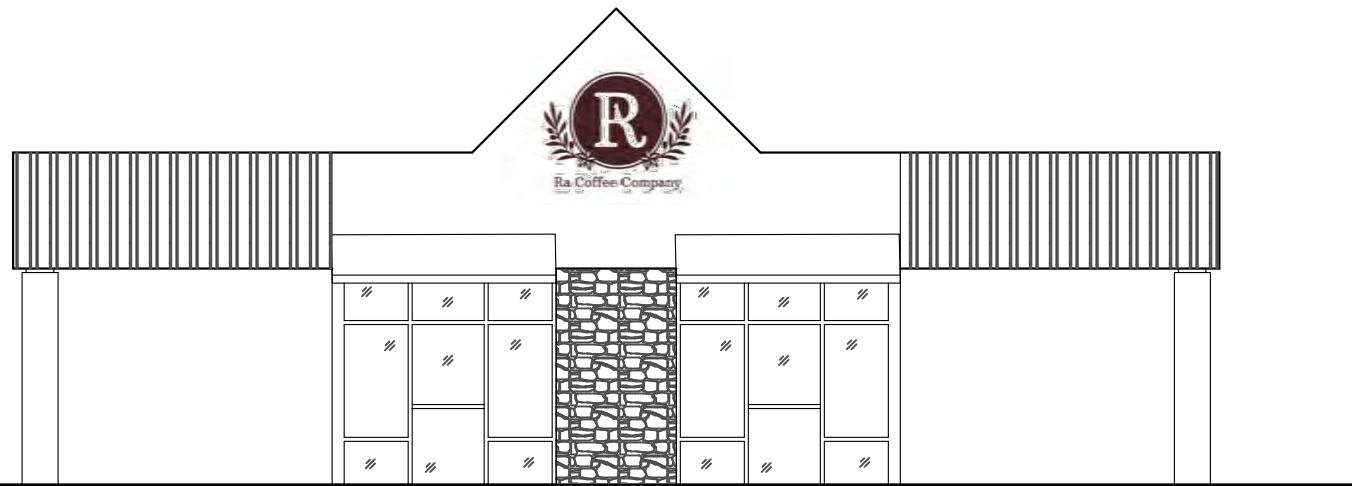
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RA COFFEE  
110 HWY 52  
GOOSE CREEK, SC

S-3

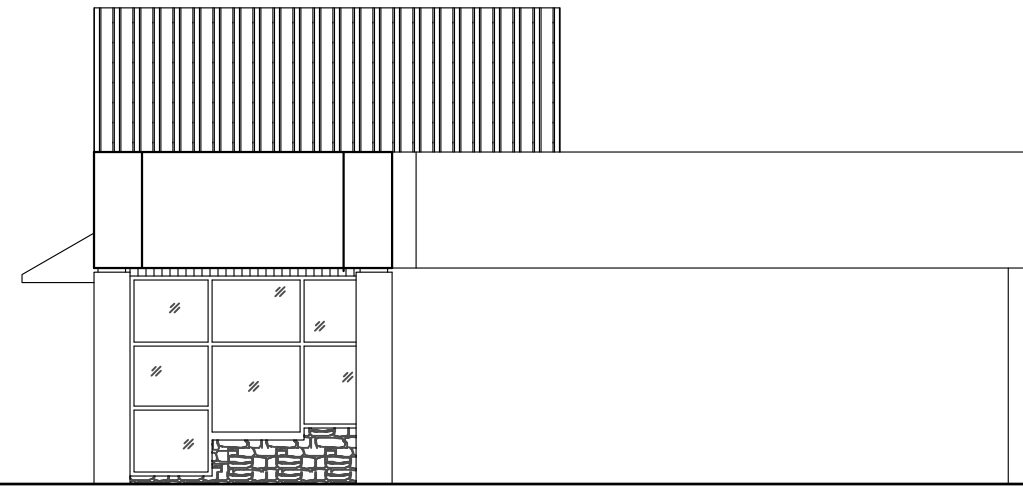
EXISTING  
ELEVATIONS

MAY 5, 2018



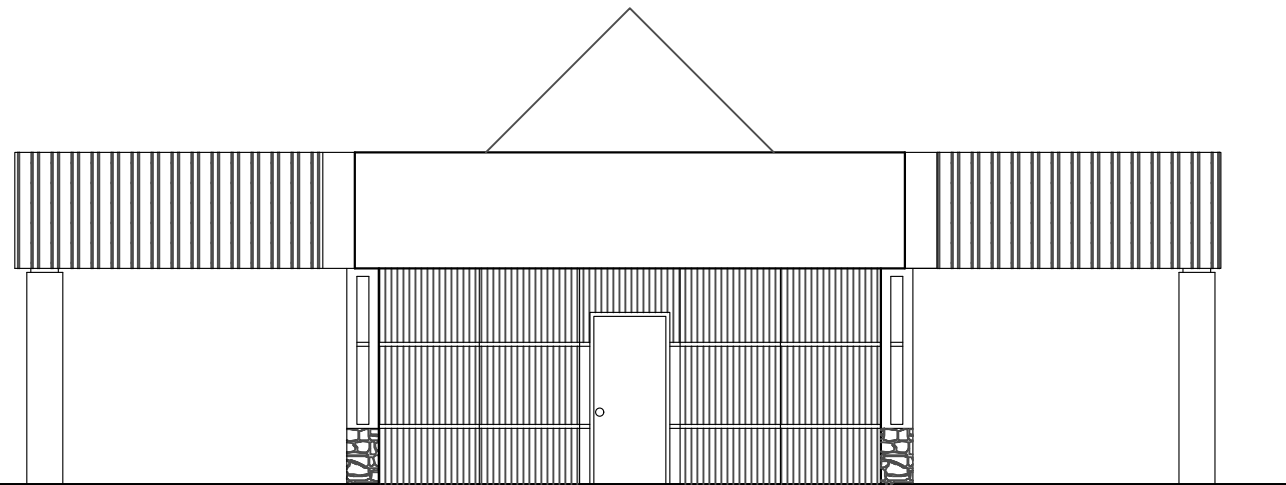
1 PROPOSED FRONT ELEVATION

Scale: NTS



2 PROPOSED SIDE ELEVATION

Scale: NTS



3 PROPOSED REAR ELEVATION

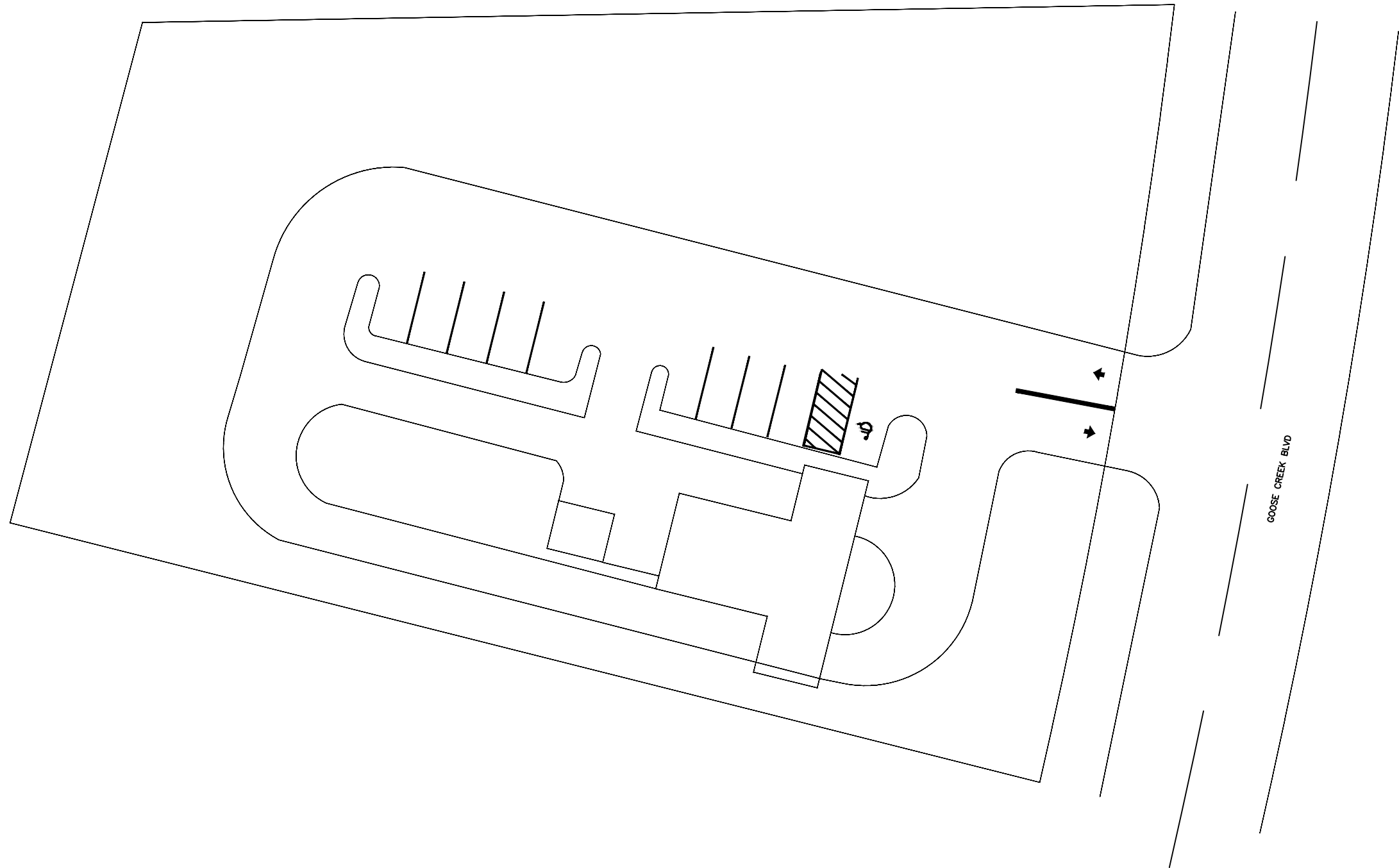
Scale: NTS

RA COFFEE  
110 HWY 52  
GOOSE CREEK, SC

S-4

NEW  
ELEVATIONS

MAY 5, 2018



**1** SITE PLAN  
Scale: NTS

RA COFFEE  
110 HWY 52  
GOOSE CREEK, SC

S-5

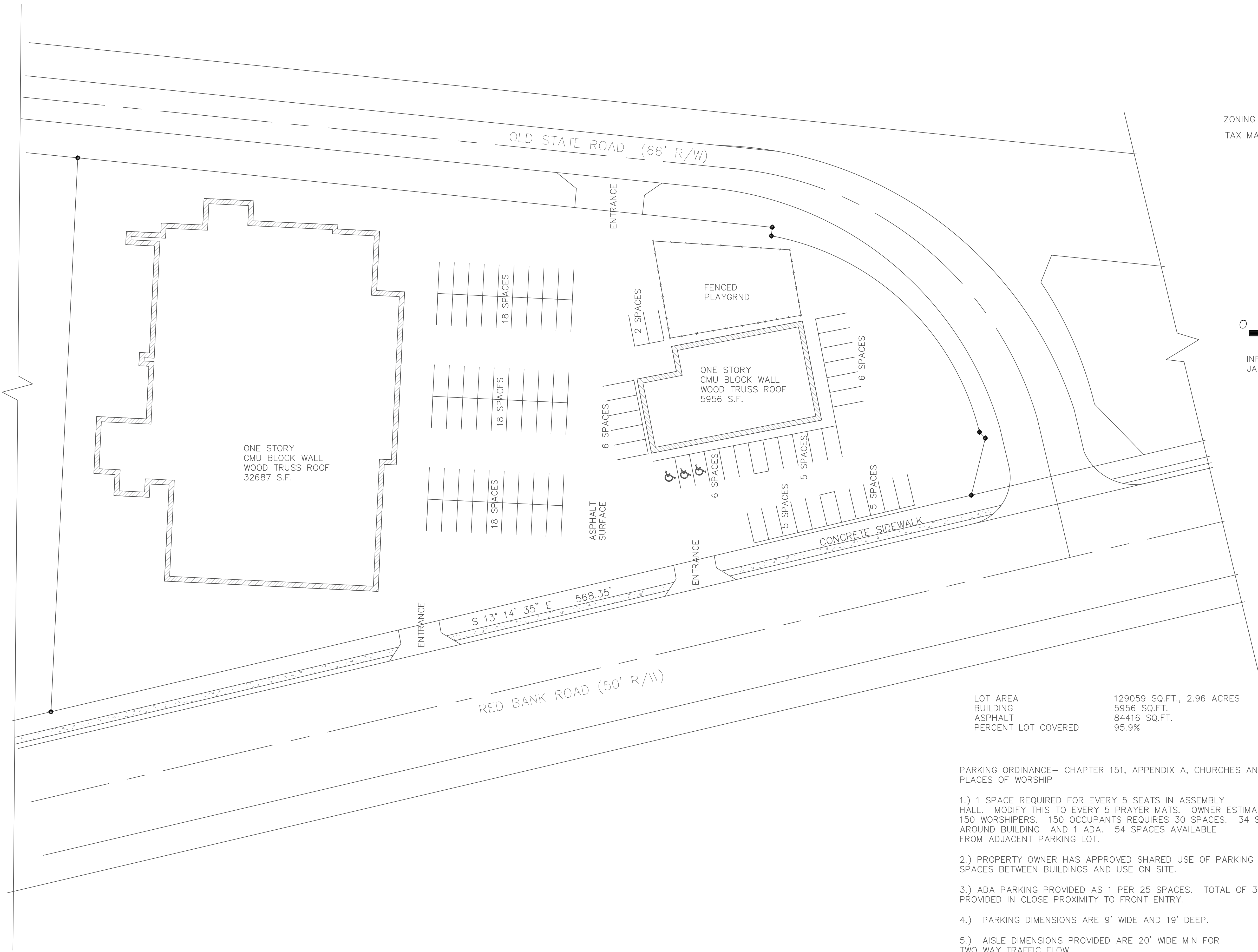
SITE  
PLAN

MAY 5, 2018





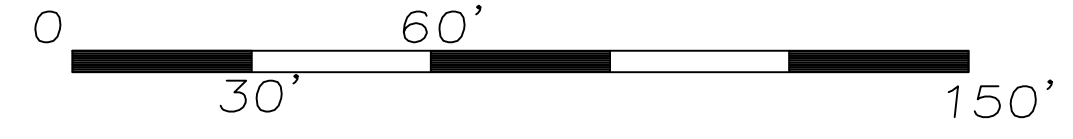
Revision - 0 For Permitting	Date 3/30/18
Revision - 1 For Permitting	Date



ZONING - GENERAL COMMERCIAL (GC)TISZ 9  
TAX MAP NO. 252-01-03-001



**SITE PLAN**  
TMS 252-01-03-001  
408 REDBANK ROAD  
BERKELEY COUNTY  
SCALE: 1:20



INFORMATION OBTAINED FROM PLAT PREPARED BY  
JAMES PENNINGTON, RLS 10291, 10 JULY 2007.

LOT AREA	129059 SQ.FT., 2.96 ACRES
BUILDING	5956 SQ.FT.
ASPHALT	84416 SQ.FT.
PERCENT LOT COVERED	95.9%

PARKING ORDINANCE- CHAPTER 151, APPENDIX A, CHURCHES AND PLACES OF WORSHIP

- 1.) 1 SPACE REQUIRED FOR EVERY 5 SEATS IN ASSEMBLY HALL. MODIFY THIS TO EVERY 5 PRAYER MATS. OWNER ESTIMATES 150 WORSHIPERS. 150 OCCUPANTS REQUIRES 30 SPACES. 34 SPACES AROUND BUILDING AND 1 ADA. 54 SPACES AVAILABLE FROM ADJACENT PARKING LOT.
- 2.) PROPERTY OWNER HAS APPROVED SHARED USE OF PARKING SPACES BETWEEN BUILDINGS AND USE ON SITE.
- 3.) ADA PARKING PROVIDED AS 1 PER 25 SPACES. TOTAL OF 3 PROVIDED IN CLOSE PROXIMITY TO FRONT ENTRY.
- 4.) PARKING DIMENSIONS ARE 9' WIDE AND 19' DEEP.
- 5.) AISLE DIMENSIONS PROVIDED ARE 20' WIDE MIN FOR TWO WAY TRAFFIC FLOW.

SEALS

M.A.HUNT, P.E.  
96 FIELDFARE WAY  
CHARLESTON, S.C., 29414  
843-696-7623  
MATTHEWAHUNTPE@HOTMAIL.COM

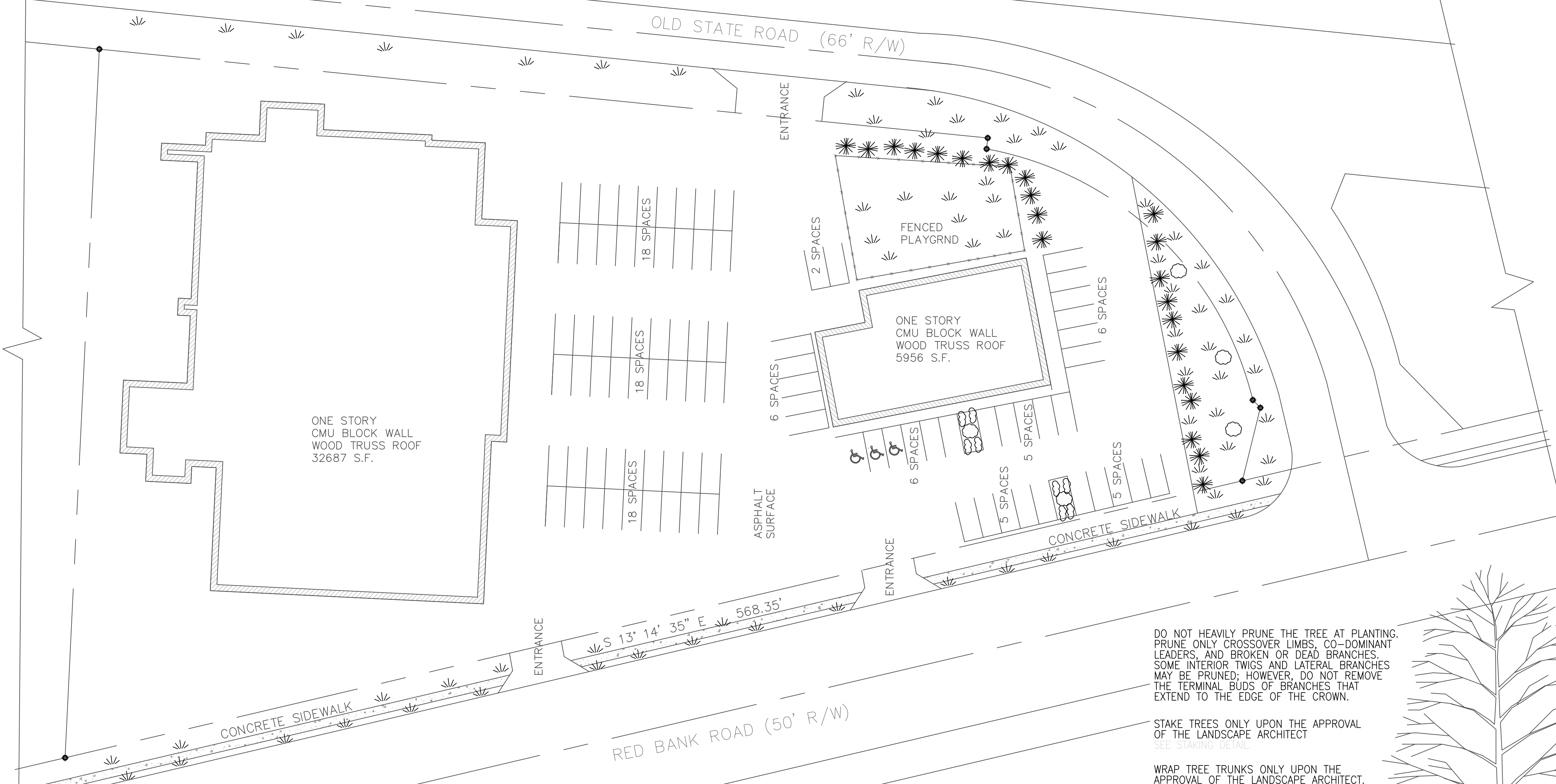
MOSQUE

408 RED BANK ROAD  
GOOSE CREEK, S.C.

SITE PLAN

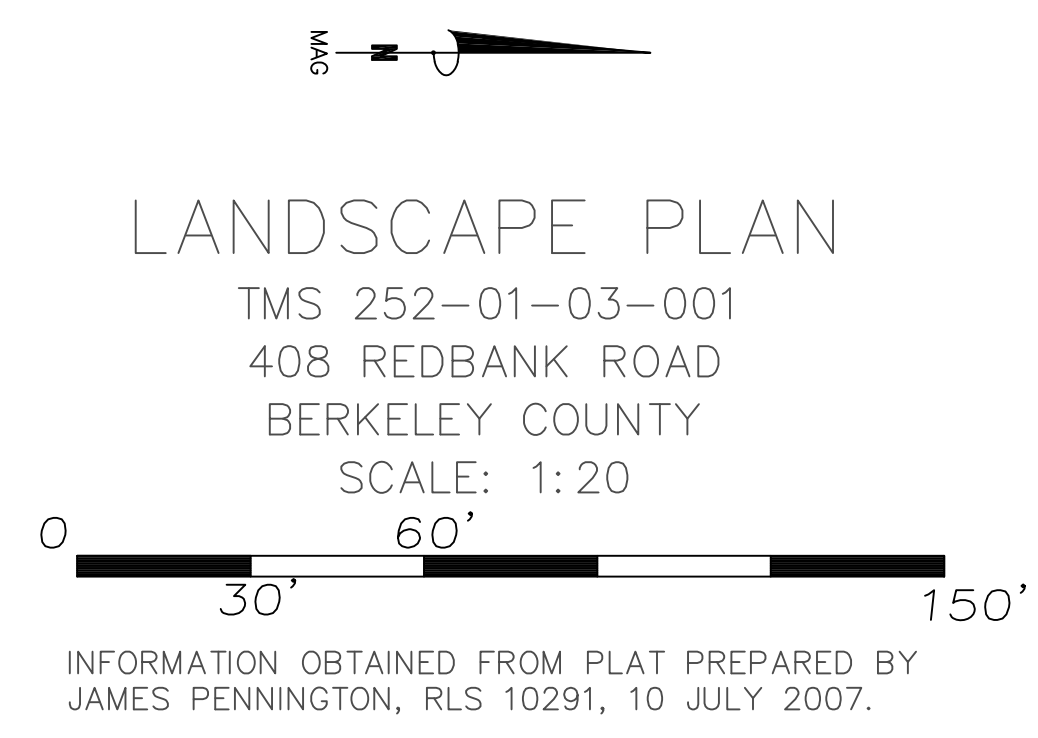
C 100

PLANTING SCHEDULE	SYMBOL	BOTANICAL NAME	COMMON NAME	Classification	Buffer Required*	Landscape Required*	QUANTITY	EXISTING	NEW ReqD	HEIGHT	SIZE**	SPACING
Old State Road Frontage	MC UP	Myrica Cerifera Ulmus parviflora	Wax or Crape Myrtle Drake Elm	Understory Canopy	1/20 lin ft	1/2000 SF	21 3	0 0	21 3	8' - 10' 8' - 10'	8' to 8' 8' - 10'	As shown As shown
Red Bank Road Frontage	None, existing conditions provide only for grass lining stormwater swales.											
Interior Landscaping	UP	Ulmus parviflora	Drake Elm	Canopy		1/2000 SF	7	0	7	8' - 10'		As shown
Enhanced Parking Areas	BS	Buxus sempervirens	Boxwood	Shrub		1/5 ft		0		24" - 36"	3 gal	As shown



- ELM
- OAK
- PINE TREE
- HOLLY
- MYRTLE
- BOXWOODS
- GRASS

- NOTE:
- GRASS ALONG ROADWAY IS EXISTING.
  - GRASS IS PROPOSED COVER FOR FENCED PLAYGROUND, EXISTING ASPHALT COVER TO BE REMOVED.
  - ALL PLANTINGS SHOWN IN SCHEDULE ARE NEW. LIMITATION EXISTS DUE TO ASPHALT AND CEMENT COVER WHICH IS EXISTING.
  - LINE OF SIGHT IS GREATER THAN 1/4 MILE IN EACH DIRECTION ONTO RED BANK ROAD.



### LANDSCAPE PLAN

TMS 252-01-03-001  
 408 REDBANK ROAD  
 BERKELEY COUNTY  
 SCALE: 1:20

INFORMATION OBTAINED FROM PLAT PREPARED BY JAMES PENNINGTON, RLS 10291, 10 JULY 2007.

#### GENERAL NOTES

- IRRIGATION SYSTEM TO BE INSTALLED BY CONTRACTOR.
- SEE LANDSCAPING DETAILS FOR SOD AND GRASS SCHEDULE.
- ALL LANDSCAPE BUFFERS ARE TO CONTAIN MULCH BEDDING AROUND TREES AND SHRUBS. AREAS OUTSIDE THE LANDSCAPE BUFFERES ARE TO BE GRASSED.
- PLANT MATERIALS SHALL BE OF GOOD HEALTH PRIOR TO PLANTING AND CARE SHALL BE TAKEN IN HANDLING TO INCREASE PLANT SURVIVAL. CONTRACDCTOR IS RESPONSIBLE FOR IRRIGATION OF PLANTINGS UNTIL C.D. IS OBTAINED.
- ALL REQUIRED PERVIOUS AREAS, INCLUDING DRAINAGEWAYS AND DETENTION PONDS, BUFFER AREAS AND SWALES SHALL BE PLANTED WITH GRASS OR OTHER LANDSCAPE TREATMENT TO PREVENT EROSION.
- REQUIRED TREES, SHRUBS, WALLS AND OTHER LANDSCAPE FEATURES SHALL BE CONSIDERED AS ELEMENT OF THE PROJECT IN THE SAME MANNER AS PARKING, BUILDING MATERIALS, AND OTHER DETAILS OF THE PLAN. REGULAR MAINTENANCE IS REQUIRED BY THE OWNER TO MAINTAIN A HEALTHY, NEAT AND ORDERLY APPEARANCE. LANDSCAPING SHALL BE KEPT FREE OF DISEASE, PESTS, WEEDS AND LITTER. MAINTENANCE SHALL ALSO INCLUDE WEEDING, WATERING, FERTILIZING, PRUNING, MOWING, EDGING, MULCHING OR OTHER MAINTENANCE AS NEEDED.
- REPAIR OR REPLACEMENT OF FENCES IS REQUIRED AS A MATTER OF PUBLIC SAFETY.

DO NOT HEAVILY PRUNE THE TREE AT PLANTING. PRUNE ONLY CROSSOVER LIMBS, CO-DOMINANT LEADERS, AND BROKEN OR DEAD BRANCHES. SOME INTERIOR TWIGS AND LATERAL BRANCHES MAY BE PRUNED; HOWEVER, DO NOT REMOVE THE TERMINAL BUDS OF BRANCHES THAT EXTEND TO THE EDGE OF THE CROWN.

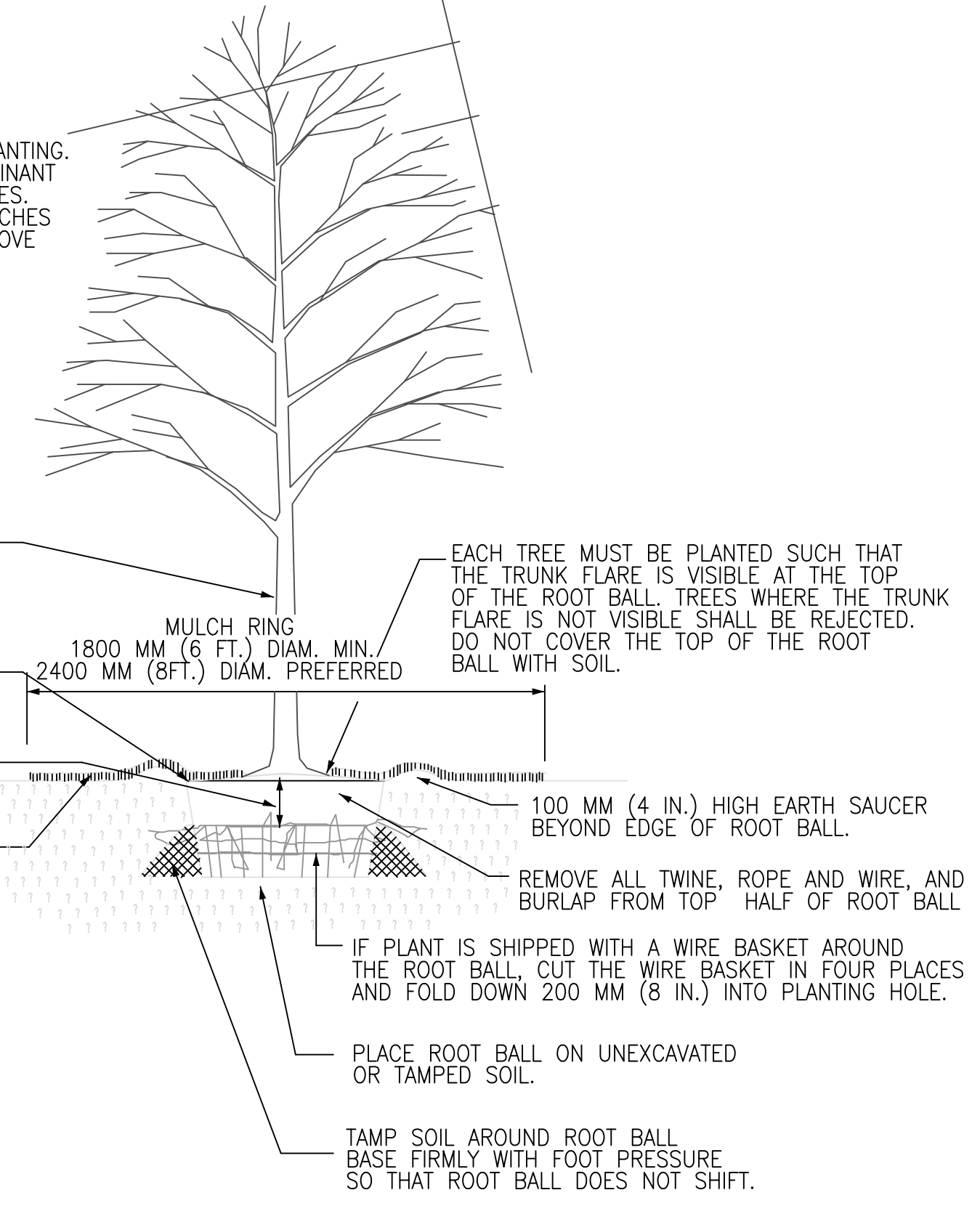
STAKE TREES ONLY UPON THE APPROVAL OF THE LANDSCAPE ARCHITECT. SEE STAKING DETAIL.

WRAP TREE TRUNKS ONLY UPON THE APPROVAL OF THE LANDSCAPE ARCHITECT. SEE WRAPPING DETAIL.

MARK THE NORTH SIDE OF THE TREE IN THE NURSERY, AND ROTATE TREE TO FACE NORTH AT THE SITE WHEN EVER POSSIBLE.

SET TOP OF ROOT BALL FLUSH TO GRADE OR 25-50 MM (1-2 IN.) HIGHER IN SLOWLY DRAINING SOILS.

50 MM (2 IN.) MULCH. DO NO PLACE MULCH IN CONTACT WITH TREE TRUNK. MAINTAIN THE MULCH WEED-FREE FOR A MINIMUM OF THREE YEARS AFTER PLANTING.



#### TREE PLANTING DETAIL - B&B TREES IN ALL SOIL TYPES

NOTE: THIS DETAIL ASSUMES THAT THE PLANTING SPACE IS LARGER THAN 2400 MM (8 FT.) SQUARE, OPEN TO THE SKY, AND NOT COVERED BY ANY PAVING OR GRATING.

SEALS

M.A. HUNT, P.E.  
 96 FIELDFARE WAY  
 CHARLESTON, S.C., 29414  
 843-696-7623  
 MATTHEWAHUNTP@HOTMAIL.COM

MOSQUE

408 RED BANK RD  
 GOOSE CREEK, S.C.

LANDSCAPING



**GRICE SURVEYING, INC.**

LAND SURVEYING SERVICES  
410 GENERAL MOULTRIE DRIVE  
BONNEAU, S.C. 29431  
PHONE: (843) 825-3573  
EMAIL: rgrice@gricesurveying.com

- ABBREVIATIONS:**
- CAB - PLAT CABINET
  - DB - DEED BOOK
  - PG - PAGE
  - PP - POWER POLE
  - SP - SERVICE POLE
  - LP - LIGHT POLE
  - SMH - SANITARY SEWER MANHOLE
  - WM - WATER METER
  - WD - WOOD
  - CONC - CONCRETE
  - FNC - FENCE
  - GI - GRATE INLET
  - BRK - BRICK
  - ASPH - ASPHALT
  - TYP - TYPICAL
  - PLN - PLANTER
  - SGN - SIGN
  - MAP - MAPLE
  - DW - DOORWOOD
  - FO - FIBER OPTICS BOX
  - ET - ELECTRICAL TRANSFORMER
  - C - COMMUNICATIONS
  - CI - CURB INLET
  - JB - JUNCTION BOX
  - RCP - REINFORCED CONCRETE PIPE

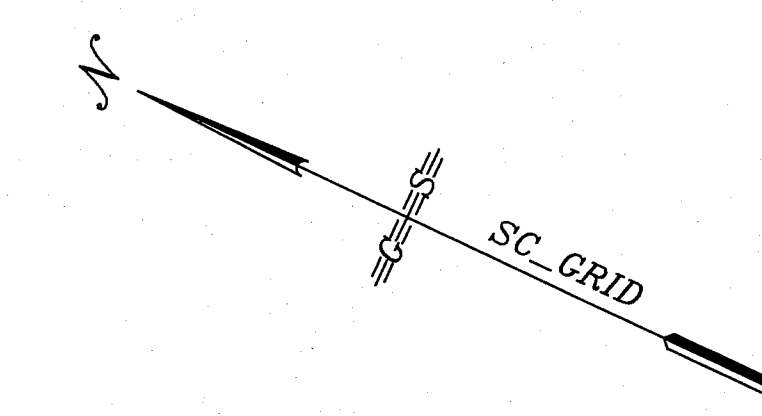
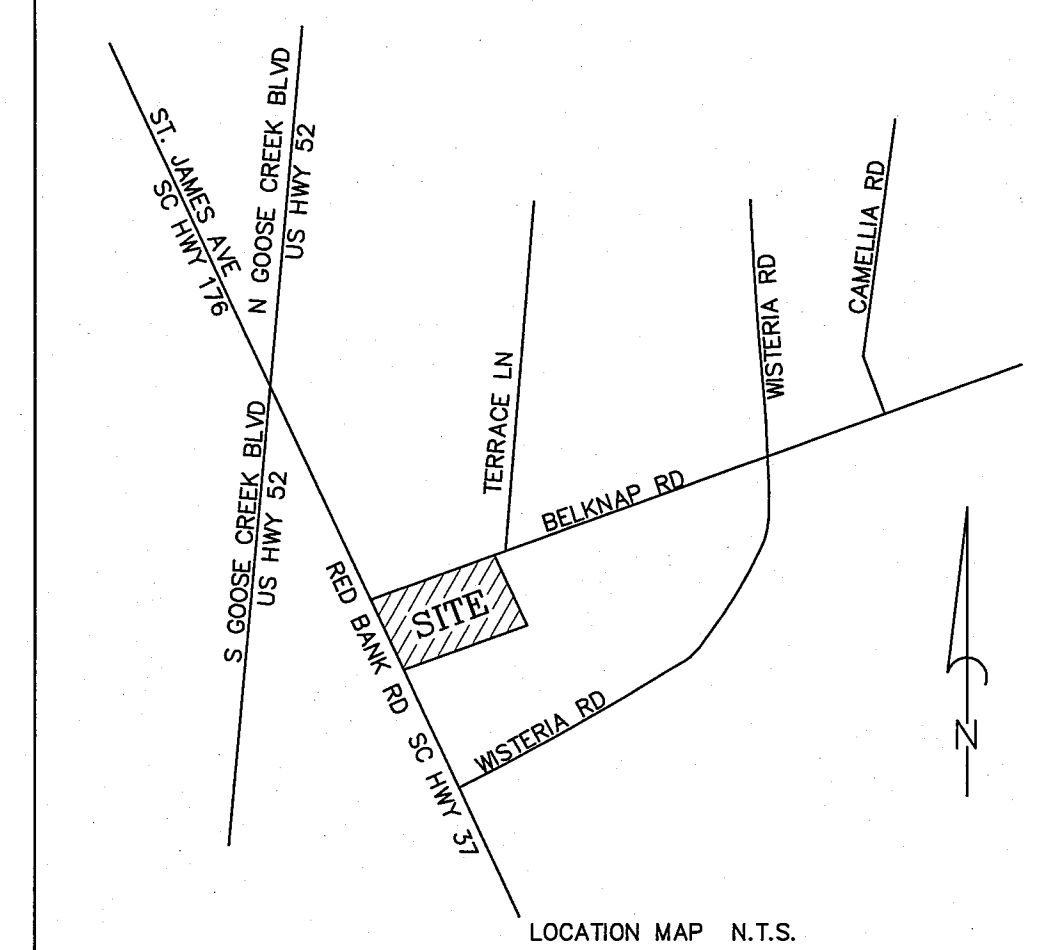
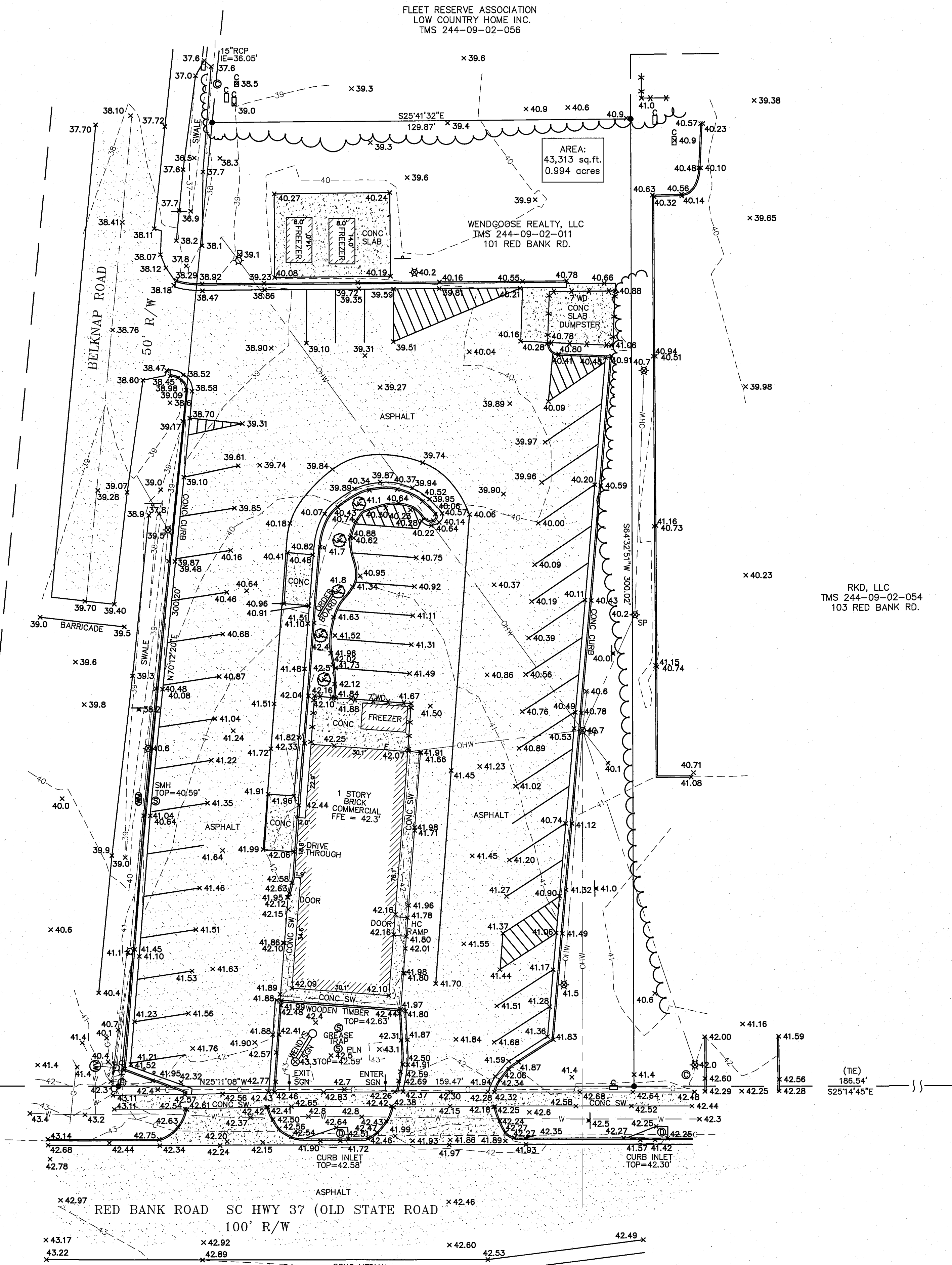
- NOTES:**
1. TAX MAP PARCEL 244-09-02-011.
  2. BY FEMA FIRM 4501500685D, REVISED DATE 10/16/2003, THIS PROPERTY IS LOCATED IN ZONE X, AREA OF MINIMAL FLOOD HAZARD AREA, THE FLOOD ZONE WAS DETERMINED BY SCALING FROM FEMA FIRM MAPS. CONSULT WITH LOCAL BUILDING OFFICIALS FOR REVISIONS TO FIRM BEFORE CONSTRUCTION.
  3. BEARINGS SHOWN HEREON ARE SC GRID, ORIENTED TO SCGS VRS NETWORK.
  4. VERTICAL DATUM IS NAVD 88, REFERENCED TO SCGS VRS NETWORK OBSERVATION, CONTOUR INTERVAL IS 1'.
  5. THE LOCATIONS OF OBVIOUS AND ACCESSIBLE UTILITIES WERE PHYSICALLY SURVEYED. UNDERGROUND, INACCESSIBLE UTILITIES ARE SHOWN IN THEIR APPROXIMATE LOCATION AS TAKEN FROM UTILITY MARKINGS AS MARKED IN THE FIELD BY PALMETTO UTILITY PROTECTION SERVICE, INC. THERE MAY BE OTHER UTILITIES UNKNOWN TO THE SURVEYOR. BEFORE ANY SITE DISTURBANCE CALL 1-888-721-7877.
  6. AREA CALCULATED BY THE COORDINATE METHOD.
  7. THE SURVEY SHOWN HEREON IS NOT THE RESULT OF A TITLE SEARCH, BUT BASED ON THE REFERENCE DOCUMENTS LISTED HEREON, LINES OF OCCUPATION, AND FOUND MONUMENTATION.
  8. THERE HAS BEEN NO ENVIRONMENTAL INVESTIGATION, SURFACE OR SUBSURFACE, DONE FOR THIS SURVEY.

FLEET RESERVE ASSOCIATION  
LOW COUNTRY HOME INC.  
TMS 244-09-02-056

AREA:  
43,313 sq. ft.  
0.994 acres

WENDGOOSE REALTY, LLC  
TMS 244-09-02-011  
101 RED BANK RD.

RKD, LLC  
TMS 244-09-02-054  
103 RED BANK RD.



<b>JOB NUMBER</b> 18-0001	<b>TAX MAP PARCEL</b> 244-09-02-011
<b>SCALE</b> 1" = 20'	<b>DATE</b> FEBRUARY 12, 2018
<b>SHEET</b> 1	<b>OF SHEETS</b> 1

REVISIONS	
No.	DESCRIPTION

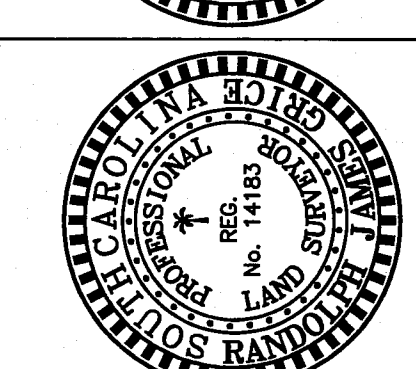
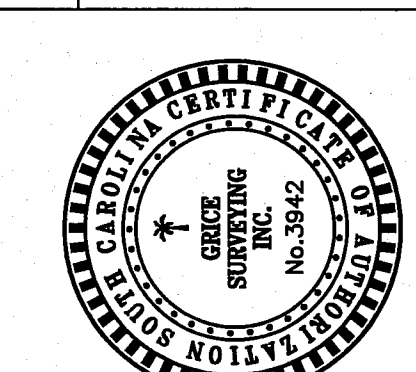
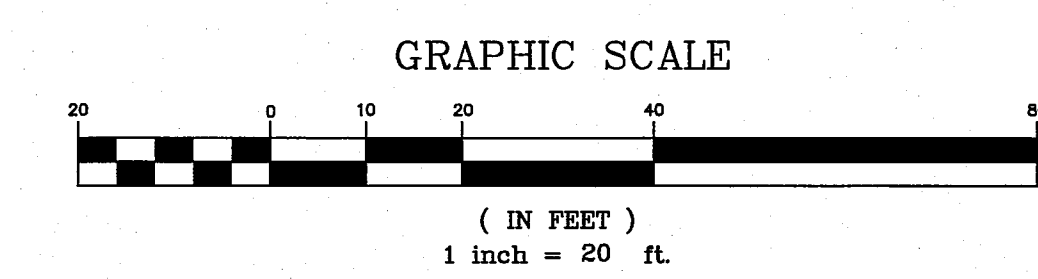
- LEGEND**
- C---C--- UNDERGROUND COMMUNICATIONS LINE
  - E---E--- UNDERGROUND ELECTRIC LINE
  - F---F--- FENCE LINE
  - G---G--- GAS LINE
  - H---H--- OVERHEAD WIRES
  - I---I--- WATER LINE
  - J---J--- SANITARY SEWER LINE
  - K---K--- STORM DRAINAGE SYSTEM
  - L---L--- IRON PIPE SET (S/B REBAR)
  - M---M--- WATER METER
  - N---N--- WATER BACKFLOW PREVENTER
  - O---O--- FIRE VALVE
  - P---P--- FIRE HYDRANT
  - Q---Q--- SIGN
  - R---R--- CLEANOUT
  - S---S--- SANITARY SEWER MANHOLE
  - T---T--- COMMUNICATION PEDestal
  - U---U--- STORM DRAIN MANHOLE
  - V---V--- LIGHT POLE
  - W---W--- BOLLARD
  - X---X--- POWER/SERVICE POLE
  - Y---Y--- CALCULATED POINT (NO MARKER SET)

**RECORD DRAWING**

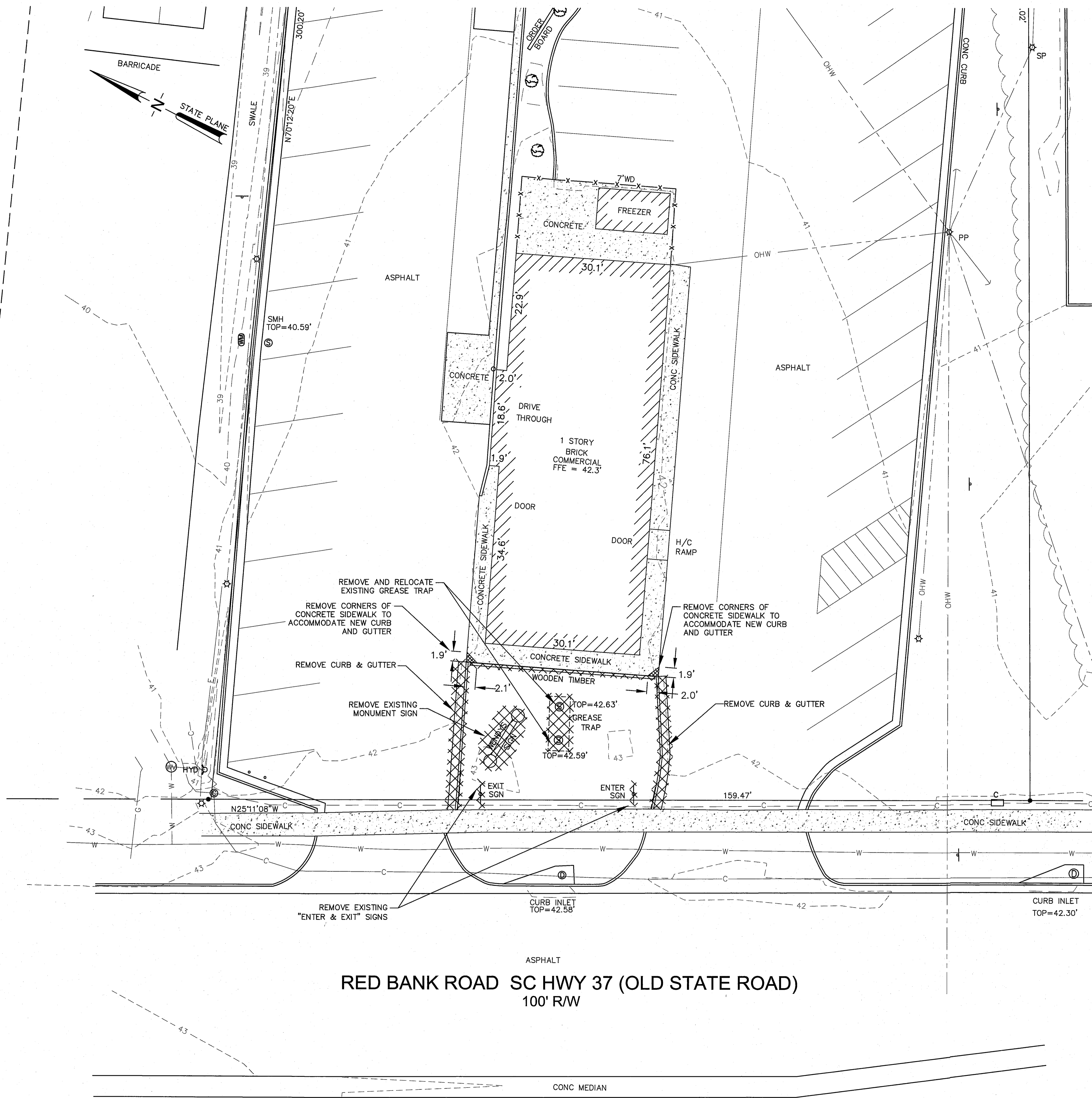
**OF THE WENDY'S RESTAURANT AT**  
101 RED BANK ROAD  
TMS 244-09-02-011  
LOCATED IN THE CITY OF GOOSE CREEK  
BERKELEY COUNTY SOUTH CAROLINA  
PREPARED FOR: WENDGOOSE REALTY II, LLC

REFERENCE PLATS & DEEDS RECORDED IN THE BERKELEY COUNTY R.O.D. OFFICE

NO.	PLAT / DEED	DATED	CAB	PAGE
1.	THOMAS E. YOUNG	MARCH 29, 1978	W	319
2.	KENNERLY SURVEYING, INC.	NOVEMBER 12, 2004	Q	294A
3.	DB 9807, PG 195			



This is not a valid, true copy of this document unless bearing an original dated signature and the raised, embossed seal of the surveyor.



**LEGEND**

WD	WOOD
FFE	FINISHED FLOOR ELEVATION
H/C	HANDICAP
SMH	SEWER MANHOLE
PP	POWER POLE
CONC	CONCRETE
R/W	RIGHT OF WAY
HWY	HIGHWAY
HYD	HYDRANT
WV	WATER VALVE
WM	WATER METER
R	RADIUS

**HATCHING LEGEND**

	CONCRETE
	BUILDING

**LINE LEGEND**

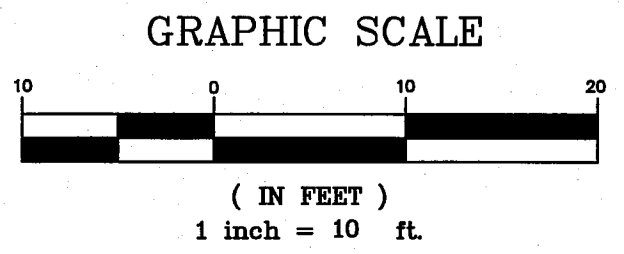
	—OHW—	OVERHEAD POWER
	---41---	CONTOUR LINE
	—W—W—W—	WATER
	—C—C—C—	COMMUNICATION
	—G—G—G—	GAS
	---	TEXT

**DEMO LEGEND:**

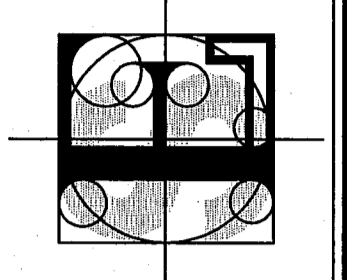
X	- TREE TO BE REMOVED
	- DEMOLITION HATCH

- DEMO NOTES**
1. THE CONTRACTOR TO INSTALL ALL SILT FENCING & TREE BARRICADES BEFORE STARTING ANY WORK. CONTRACTOR IS RESPONSIBLE FOR EROSION CONTROL MEASURES. SEE EROSION CONTROL NOTES ON SHEET C501.
  2. ALL DEMOLITION DEBRIS SHALL BE PROPERLY DISPOSED TO OFF-SITE LOCATIONS. CONTRACTOR TO PROTECT ALL ITEMS TO REMAIN.
  3. CONTRACTOR SHALL ENSURE THAT SITE DISTANCE VISIBILITY IS MAINTAINED IN ACCORDANCE WITH SCDOT ARMS MANUAL AT ALL INTERSECTIONS AND CONSTRUCTION DRIVEWAYS DURING DEMOLITION. ALL CONSTRUCTION EGRESS/INGRESS POINTS SHALL PROVIDE PROPER TRAFFIC CONTROL FOR CONSTRUCTION DRIVEWAYS AT ALL TIMES DURING DEMOLITION.
  4. ACCESS TO THE CONSTRUCTION SITE SHALL BE MAINTAINED DURING CONSTRUCTION.
  5. ALL UNDERGROUND UTILITIES TO BE PROTECTED DURING CONSTRUCTION.
  6. CONTRACTOR SHALL COORDINATE WITH SERVING UTILITY COMPANY FOR TERMINATION/CAPPING OF UTILITY SERVICE TO EACH RESIDENTIAL LOT.
  7. FOR THE (3) LOTS ON SHELTON STREET, WATER AND SEWER SERVICE LINES SHALL REMAIN ACTIVE AND RE-USED TO SERVE PORTABLE UNITS. [SEE SHEET C141]
  8. DEMOLITION OF ABOVE GROUND RESIDENTIAL STRUCTURES HAS BEEN PERFORMED UNDER SEPARATE CONTRACT AND ARE SHOWN FOR REFERENCE ONLY. THIS DEMOLITION WORK SHALL REMOVE GARAGE AND RESIDENCE SLABS AND/OR PIERS WITH FOUNDATIONS, AS WELL AS ALL OTHER INDICATED SITE INFRASTRUCTURE ITEMS.

**RED BANK ROAD SC HWY 37 (OLD STATE ROAD)**  
100' R/W



**FORSBERG ENGINEERING AND SURVEYING, INC.**  
1587 SAVANNAH HIGHWAY SUITE B  
P.O. BOX 30675  
CHARLESTON, SOUTH CAROLINA 29417  
(843) 571-2622 FAX (843) 571-6780  
CIVIL ENGINEERING AND LANDSCAPE ARCHITECTURE



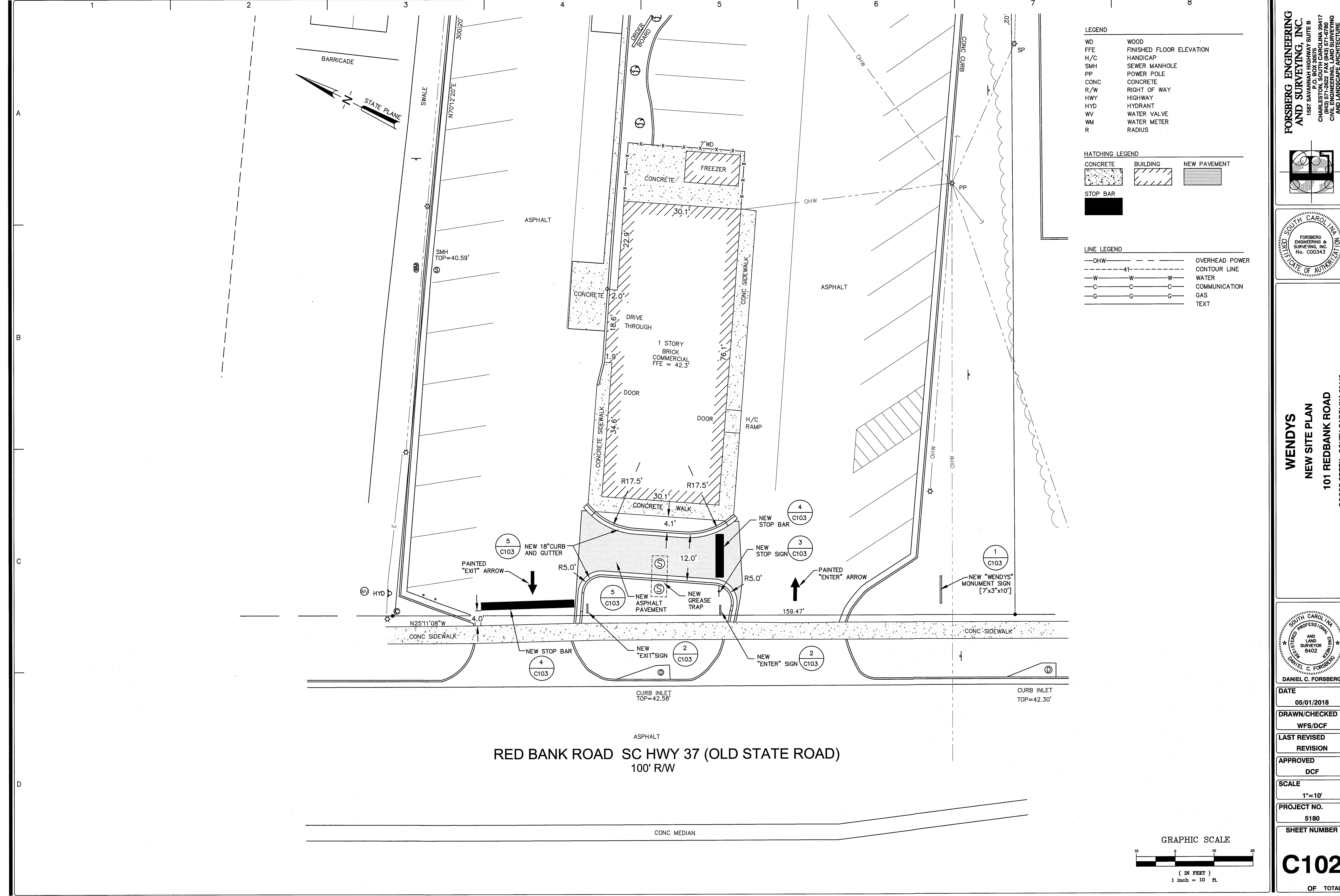
**SOUTH CAROLINA**  
FORSBERG ENGINEERING & SURVEYING, INC.  
No. C00343  
STATE OF SOUTH CAROLINA

**WENDYS**  
**DEMOLITION SHEET**  
**101 REDBANK ROAD**  
GOOSE CREEK, SOUTH CAROLINA 29445

**SOUTH CAROLINA**  
REGISTERED PROFESSIONAL ENGINEER  
AND LAND SURVEYOR  
8402  
DANIEL C. FORSBERG

<b>DATE</b>	05/01/2018
<b>DRAWN/CHECKED</b>	WFS/DCF
<b>LAST REVISED</b>	REVISION
<b>APPROVED</b>	
<b>SCALE</b>	1"=10'
<b>PROJECT NO.</b>	5180
<b>SHEET NUMBER</b>	C101

**C101**  
OF TOTAL



**LEGEND**

WD	WOOD
FFE	FINISHED FLOOR ELEVATION
H/C	HANDICAP
SMH	SEWER MANHOLE
PP	POWER POLE
CONC	CONCRETE
R/W	RIGHT OF WAY
HWY	HIGHWAY
HYD	HYDRANT
WV	WATER VALVE
WM	WATER METER
R	RADIUS

**HATCHING LEGEND**

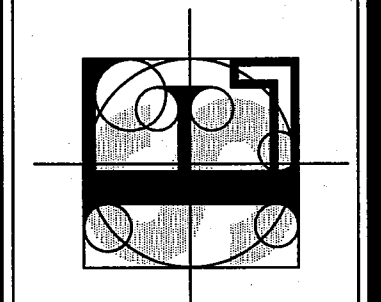
	CONCRETE
	BUILDING
	NEW PAVEMENT

**STOP BAR**

**LINE LEGEND**

—OHW	OVERHEAD POWER
- - - - -	CONTOUR LINE
—W—W—W	WATER
—C—C—C	COMMUNICATION
—G—G—G	GAS
—	TEXT

**FORSBERG ENGINEERING AND SURVEYING, INC.**  
 1587 SAVANNAH HIGHWAY SUITE B  
 P.O. BOX 30575  
 CHARLOTTE, NORTH CAROLINA 28217  
 (704) 571-2822 FAX (704) 571-8788  
 CIVIL ENGINEERING, LAND SURVEYING  
 AND LANDSCAPE ARCHITECTURE



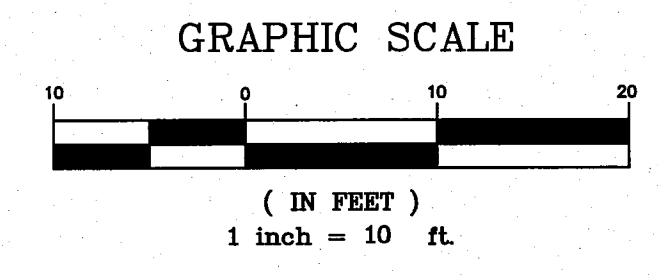
**FORSBERG ENGINEERING & SURVEYING, INC.**  
 No. 000343  
 STATE OF SOUTH CAROLINA

**WENDYS**  
**NEW SITE PLAN**  
**101 REDBANK ROAD**  
 GOOSE CREEK, SOUTH CAROLINA 29445

**DANIEL C. FORSBERG**  
 SOUTH CAROLINA PROFESSIONAL ENGINEER AND LAND SURVEYOR  
 8402  
 DANIEL C. FORSBERG

<b>DATE</b>	05/01/2018
<b>DRAWN/CHECKED</b>	WFS/DCF
<b>LAST REVISED</b>	REVISION
<b>APPROVED</b>	DCF
<b>SCALE</b>	1"=10'
<b>PROJECT NO.</b>	5180
<b>SHEET NUMBER</b>	C102

**C102**  
 OF TOTAL

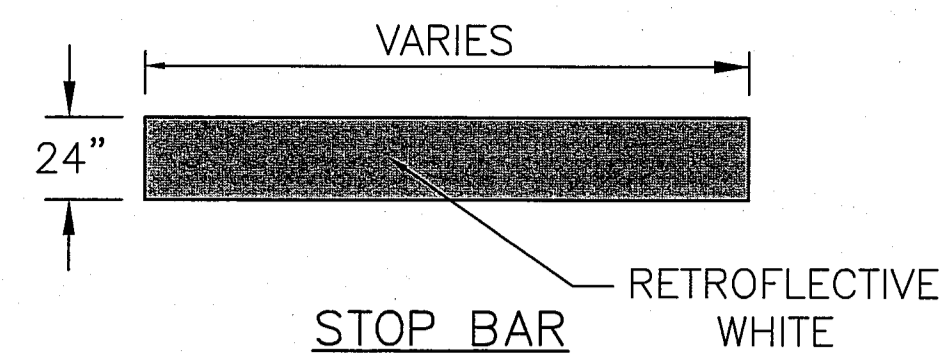


**RED BANK ROAD SC HWY 37 (OLD STATE ROAD)**  
 100' R/W

CURB INLET  
 TOP=42.58'

CURB INLET  
 TOP=42.30'

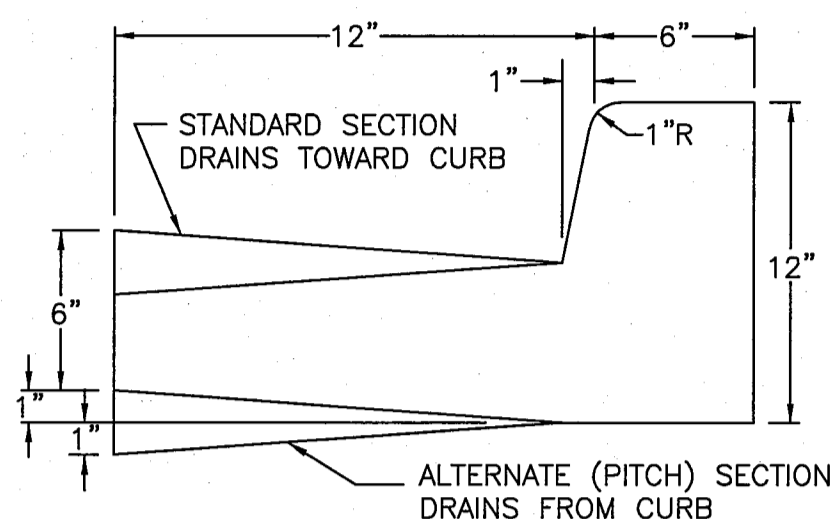
A  
B  
C  
D



1. STOP BAR TO BE A MINIMUM OF 4' FROM SIDEWALK CROSSWALK.
2. STOP BAR MUST BE THERMOPLASTIC WHITE.
3. STOP BAR TO EXTEND ACROSS DRIVE AISLE.

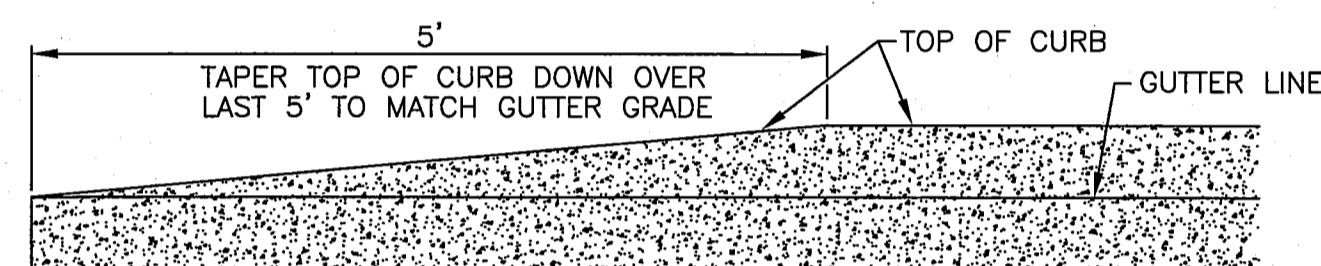
STOP BAR DETAIL  
NOT TO SCALE

4  
C103



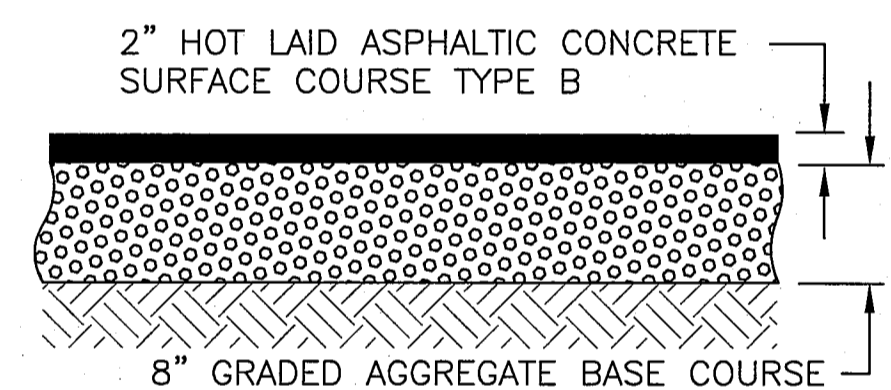
CONCRETE CURB DETAIL  
NOT TO SCALE

5  
C103



CONCRETE CURB TAPER DETAIL  
NOT TO SCALE

6  
C103



TYPICAL PAVEMENT SECTION DETAIL  
NOT TO SCALE

7  
C103

LED DIRECTIONALS

WDC  
NSS#s PENDING

ENTER EXIT

WDC1 (ENTER) WDC2 (EXIT)

Grade

2'-2"

5"

2'-0"

4'-0"

SIDE VIEW

BACK VIEWS

ENTER EXIT

Foundation specifications are site specific and subject to local soil and code requirements.

Replacement faces available for individual purchase with and without cameo

MATERIALS & SPECS

Actual: 3.4 ft<sup>2</sup> | Nearest Rectangle: 4.3 ft<sup>2</sup>

1 Illumination - white LEDs*	● PMS 186c - hair, freckles
2 Cabinet - 5" deep extruded aluminum	● PMS 201c - hair, outline
3 Face - 1/4" polycarbonate, digitally printed second surface	● PMS 698c - face, neck
4 2 1/2" square x 1/4" wall pole, 51" long with formed ABS plastic decorative pole cover	● PMS 299c - bow, shirt, brooch
	● PMS 439c - outline
	● Dark Bronze ALC #313 - pole, pole cover
	○ White

\*Total electrical load: 1.12 amps.  
Requires (2) 20 amp circuit @ 120V/60Hz (all components UL listed)

4200 Lyman Court Hilliard Ohio, 43026 800.544.6726 614.850.2540 sales@nssigns.com nationalsignsystems.com

National Sign Systems

rev 6/12

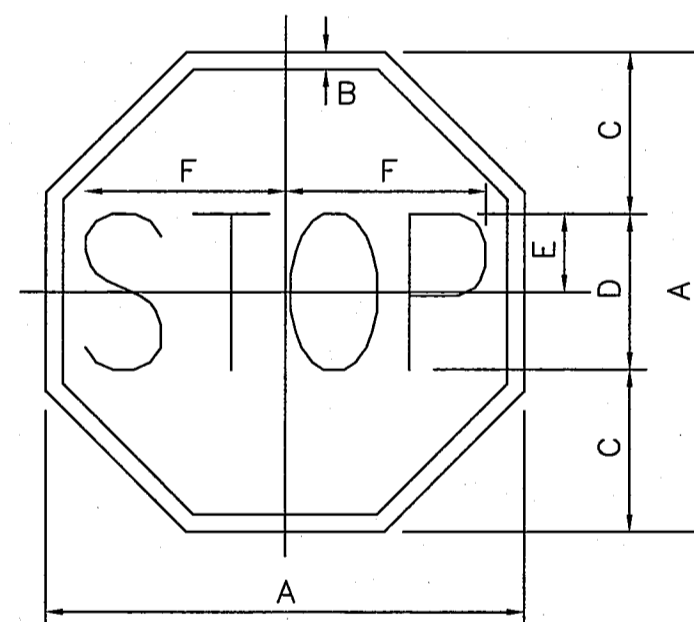
WENDY'S ENTER / EXIT SIGN DETAIL  
NOT TO SCALE

2  
C103

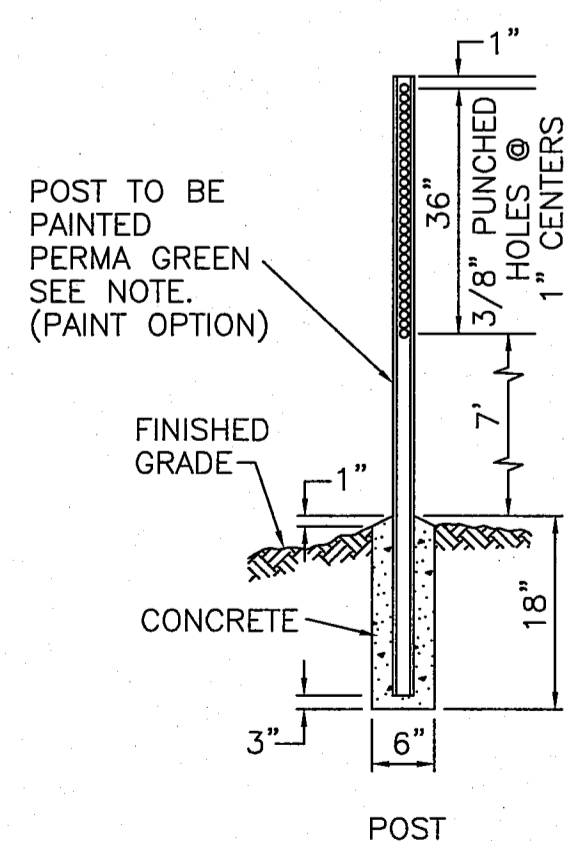
SIGN	DIMENSION (INCHES)					
	A	B	C	D	E	F
MIN.	24	5/8	8	8C	4	10
STD.	30	3/4	10	10C	5	12-1/2

LETTER INDICATES STANDARD ALPHABET SERIES

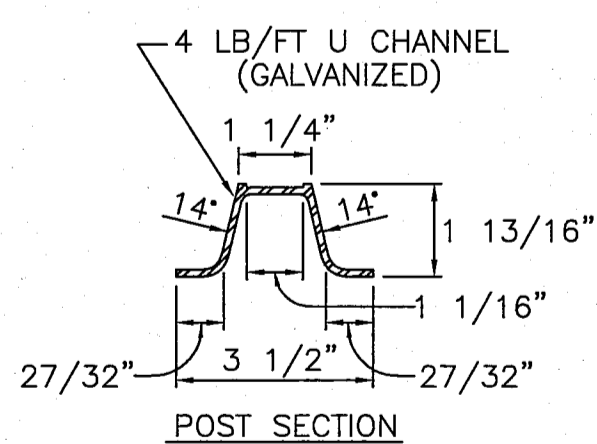
COLORS:  
LEGEND - WHITE REFLECTORIZED PAINT  
BACKGROUND - RED REFLECTORIZED PAINT



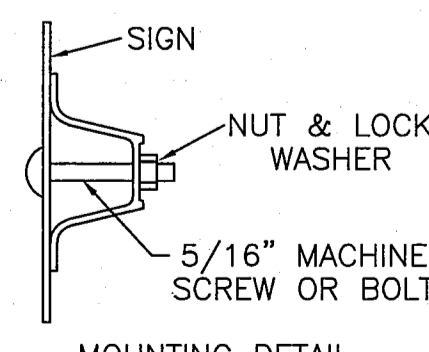
STOP SIGN DETAIL



POST



POST SECTION

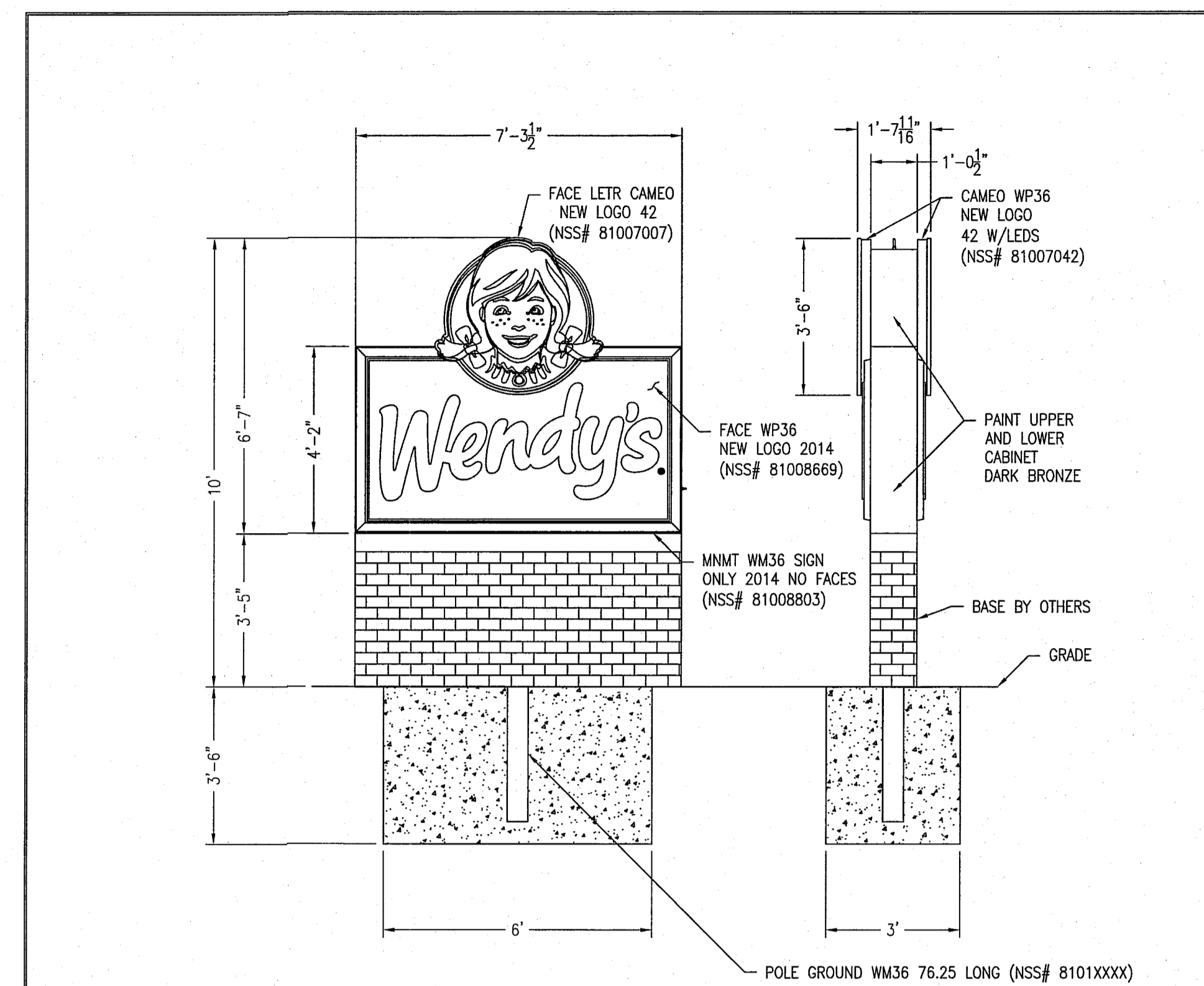


MOUNTING DETAIL

NOTE: (PAINT OPTION)  
POST SHALL BE CAREFULLY CLEANED AND PHOSPHATED. IMMEDIATELY AFTER PHOSPHATING POST SHALL BE COATED WITH A MODIFIED POLYESTER PAINT BY ELECTRODEPOSITION AND THEN THOROUGHLY BAKED. COLOR IS PERMA-GREEN PER FEDERAL STANDARD 595-A COLOR NUMBER 14109 (DARK LIMIT V-).

STOP SIGN & POST DETAIL  
NOT TO SCALE

3  
C103



NOTES:

FACES:  
.177" THERMOFORMED MUSTANG ACRYLIC 1/2" EMBOSSED, 1-3/4" PAN.

SIGN AREA  
PYLON  
ACTUAL - 37.32 SQ. FT.  
NEAREST RECTANGLE - 48 SQ. FT.

ELECTRICAL DETAILS:  
(8) LAMP FR6-H48 REPLACEMENT LED BITRO  
(40) BITRO OPTICS PRO PLUS LED'S  
(2) 100W UNIVERSAL POWER SUPPLIES  
(1) 60W UNIVERSAL POWER SUPPLIES  
TOTAL LOAD: 5.6 A @ 120/60HZ

COLORS:

PYLON CABINET AND POLE COVERS: DARK BRONZE.

POLE & FOUNDATION REQUIREMENTS:  
4" SCHEDULE 40 SIGN POLE STUBBED AND SHIMMED 5" SCHED 40 PIPE - 76- 1/4" LONG  
GROUND POLE.  
3' X 6' X 3'-6" DEEP SLAB FOUNDATION

This UL listed sign is manufactured to meet and/or exceed Underwriters Laboratories Subject 48 for Electric Signs.

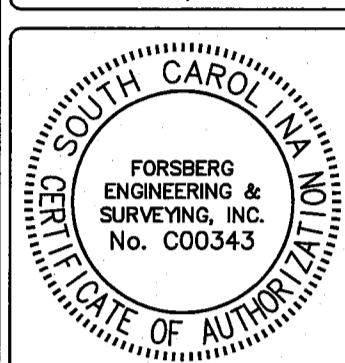
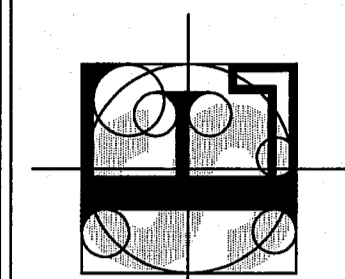
National Sign Systems  
4200 LYMAN COURT  
HILLIARD, OH (614) 850-2540

PROJECT DESCRIPTION MINNY MASS NEW LOGO 2014 BNZ PR5085	REVISION REF.# AND DATE	SCALE 3/8"=1'
CLIENT WENDY'S	CONTACT PERSON	SHEET 1 OF 1
ADDRESS	CITY STATE ZIP	DRAWN BY AM
SITE LOCATION WENDY'S	CITY STATE ZIP	CHECKED BY
DATE FILE CREATED 3/9/18		DWG FILE # 122440
		PART # 9001

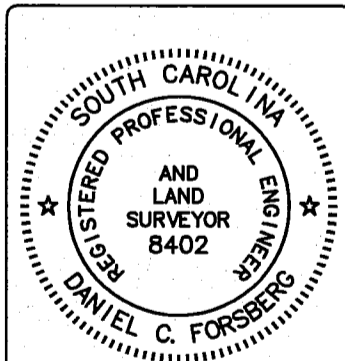
WENDY'S MONUMENT SIGN  
NOT TO SCALE

1  
C103

FORSBERG ENGINEERING AND SURVEYING, INC.  
1587 SAVANNAH AVENUE SUITE B  
COLUMBIA, SOUTH CAROLINA 29417  
(843) 571-2822 FAX (843) 571-6780  
CIVIL ENGINEERING, LAND SURVEYING AND LANDSCAPE ARCHITECTURE



WENDY'S  
CONSTRUCTION DETAILS  
101 REDBANK ROAD  
GOOSE CREEK, SOUTH CAROLINA 29445



DATE	05/01/2018
DRAWN/CHECKED	WFS/DCF
LAST REVISED	REVISION
APPROVED	DCF
SCALE	N.T.S.
PROJECT NO.	5180
SHEET NUMBER	C103

C103  
OF TOTAL



