



Date 02.21.17

AGI EOR M. SMITH Lead Drafter GLM

Drawn By GLM Project Mgr. K. GREER

**General Sign Specifications** 

☐ Interior Single Faced Double Faced

■ Non-Illuminated

120 Volts Amps(+/-)

Exterior

Windload

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2655 International Parkway

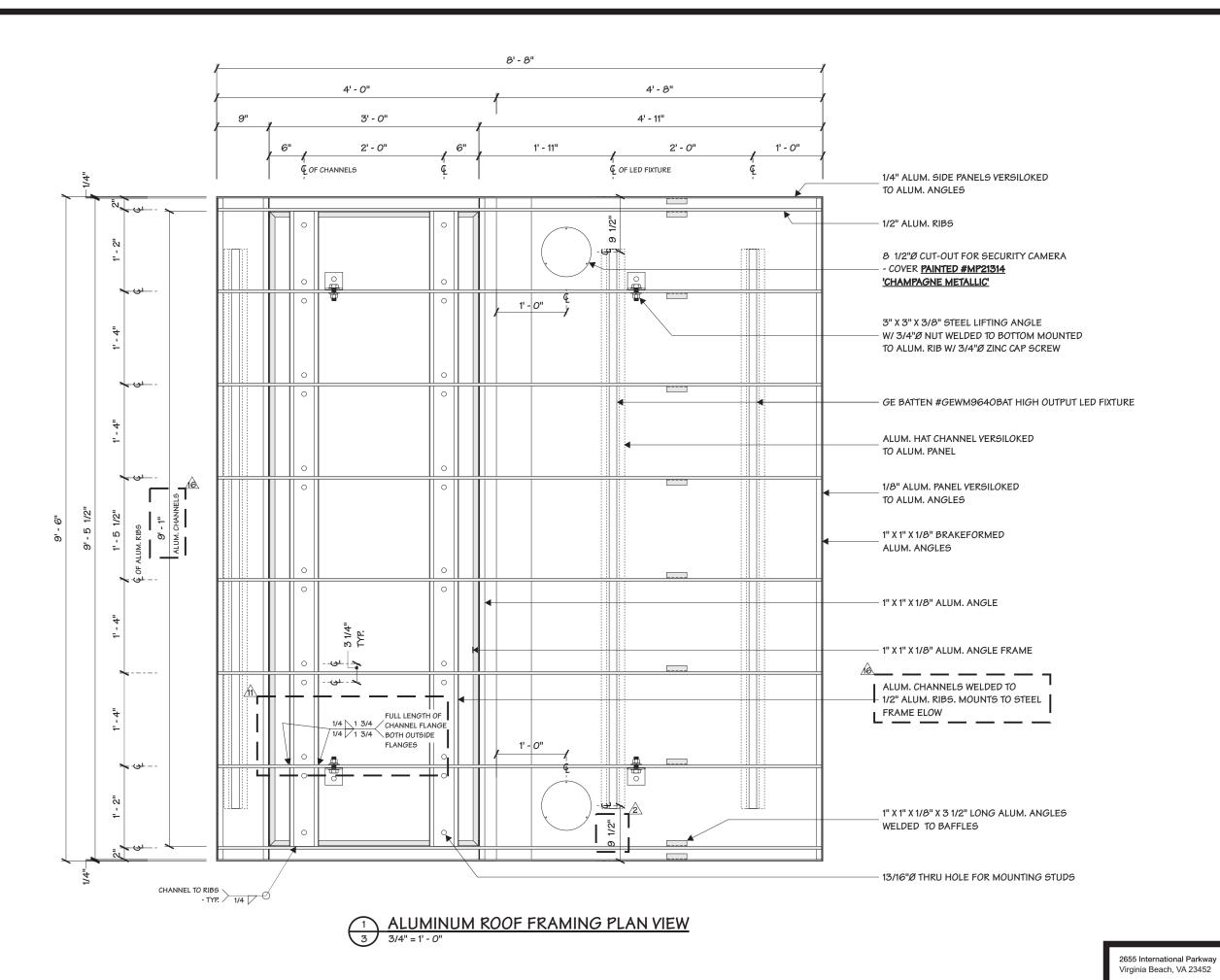
Virginia Beach, VA 23452

6894

FRAME-R-EXT-NG-WU-KIO-DBL-D7705

PG #:

C





MONIGLE APPROVED 08/08/17

BANK OF AMERICA

Date 02.21.17 AGI EOR M. SMITH

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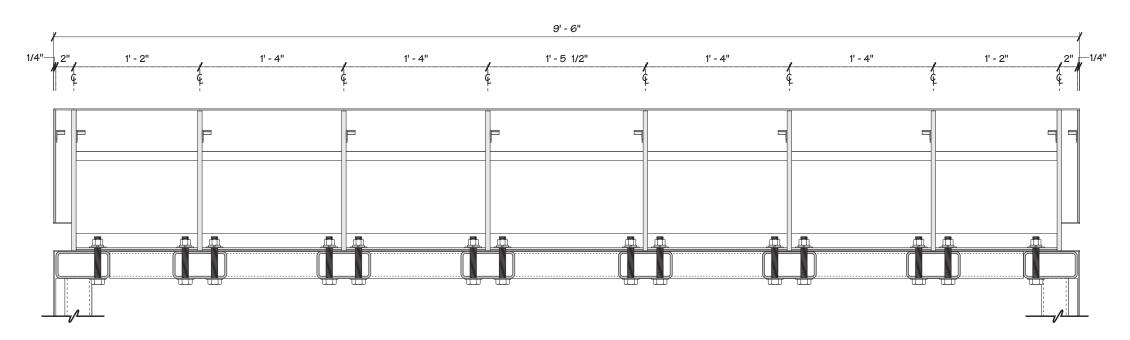
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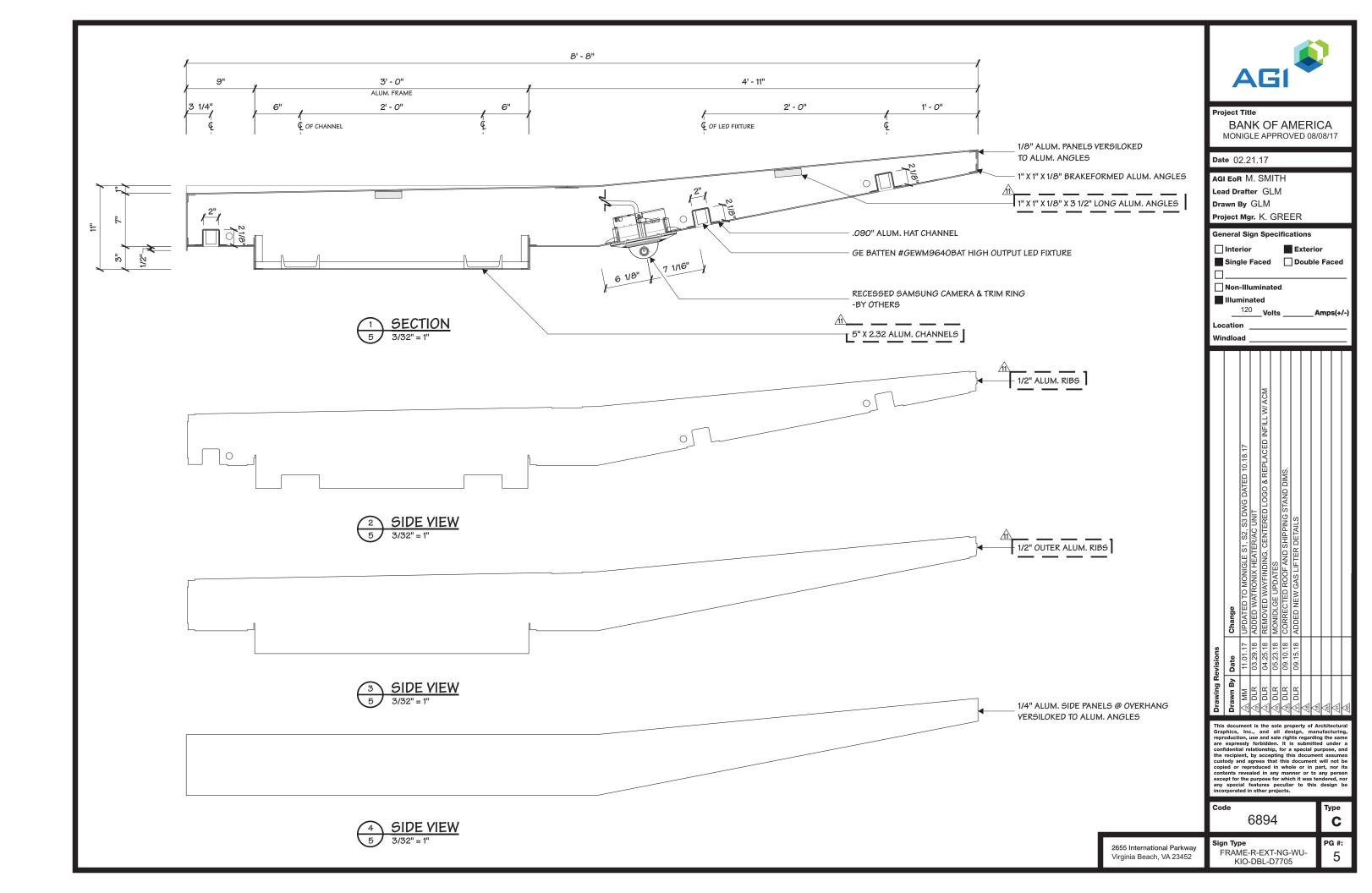
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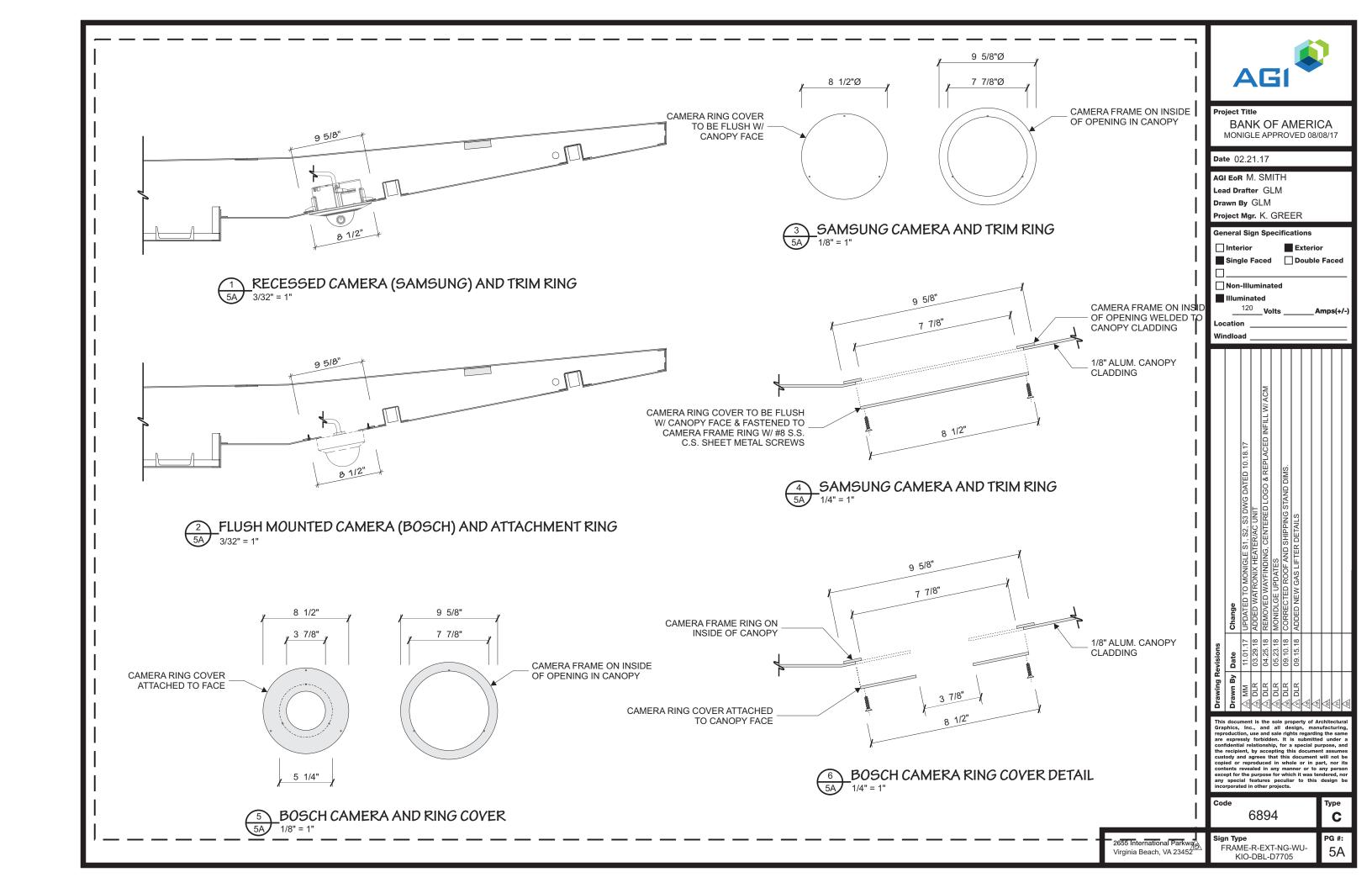
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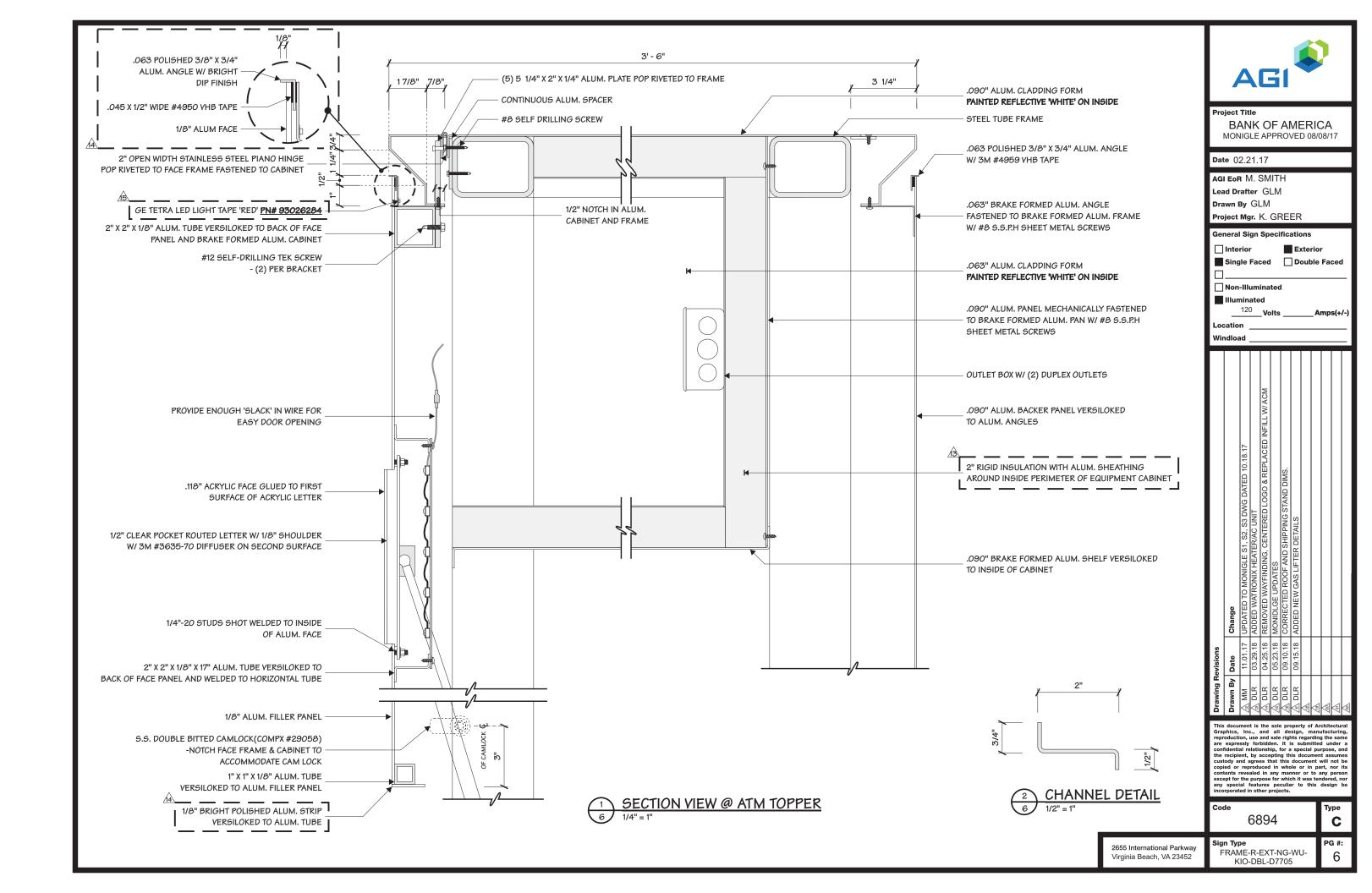
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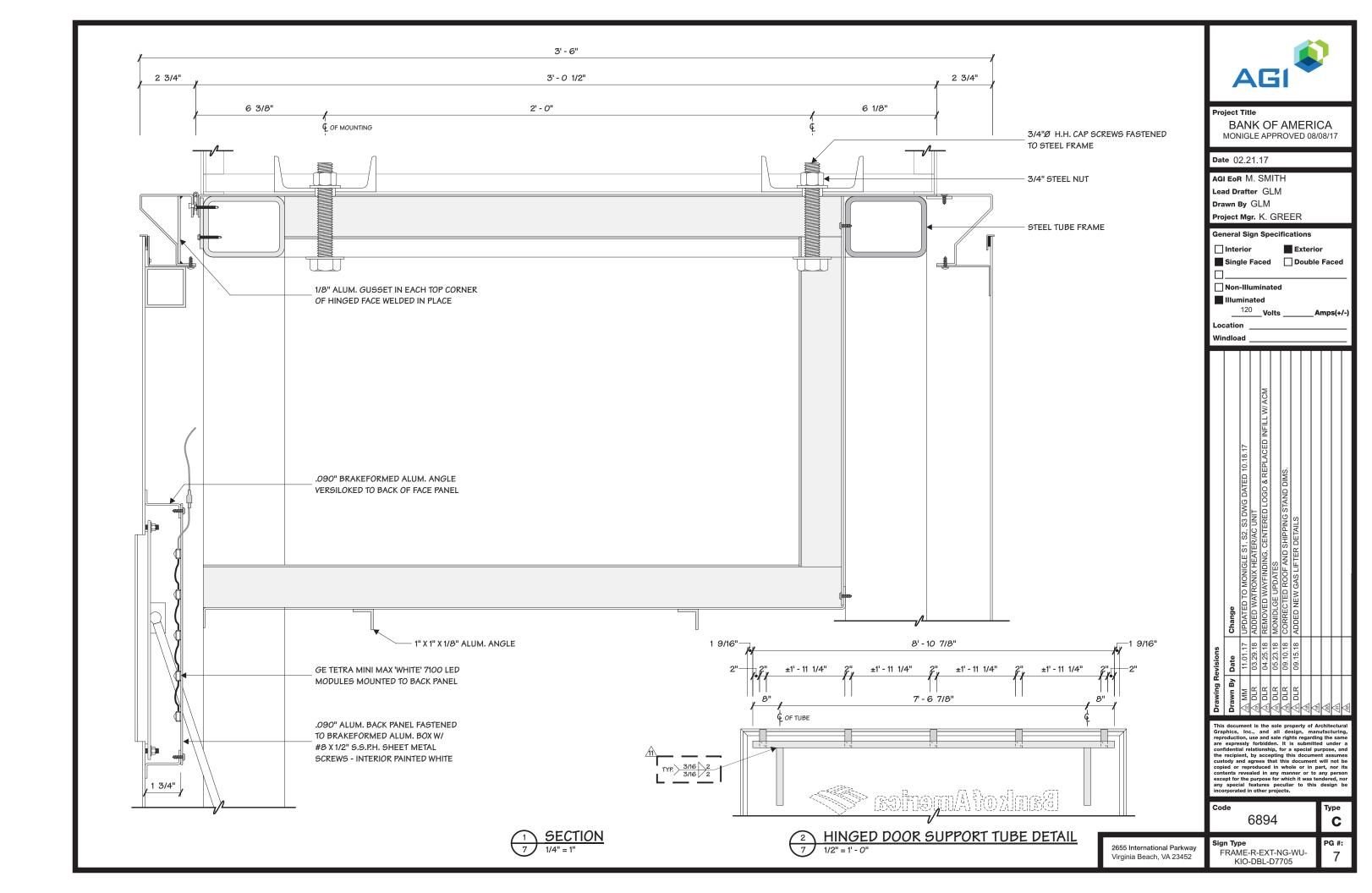
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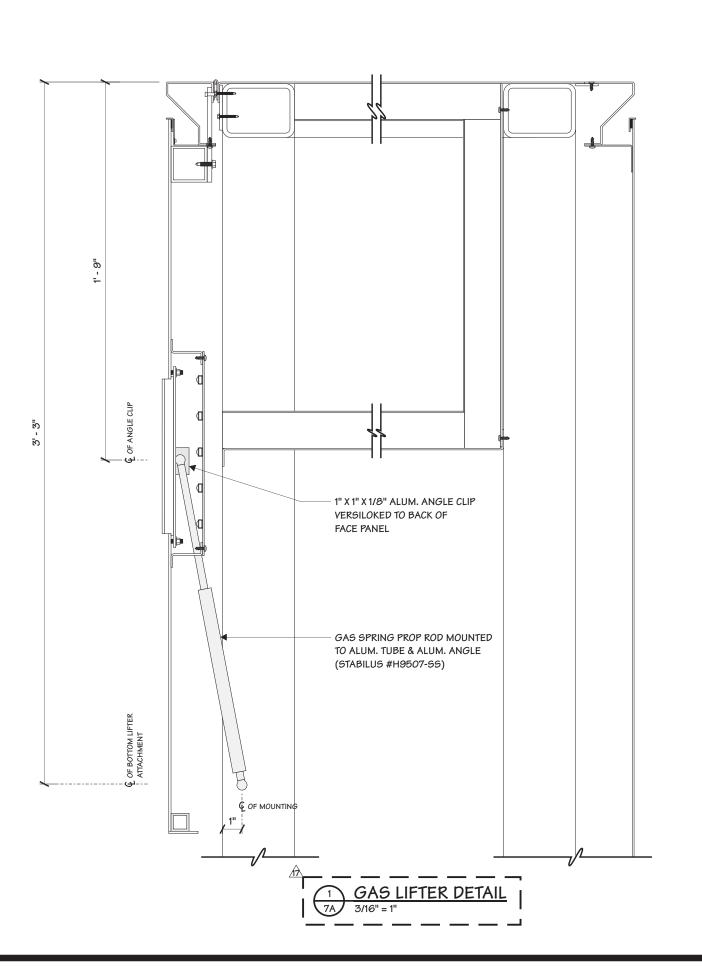
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Illuminated 120 **Volts** \_

Exterior

\_Amps(+/-)

Location

	<b>Drawing Revisions</b>	evisions		liW
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_ `	□ DLR     □ DLR	03.29.18	03.29.18 ADDED WATRONIX HEATER/AC UNIT	
ı ~	△ DLR	04.25.18	04.25.18 REMOVED WAYFINDING, CENTERED LOGO & REPLACED INFILL W/ ACM	
٠,	□ DLR       □ DLR	05.23.18	05.23.18 MONIDLGE UPDATES	
٠,	. DLR .	09.10.18	09.10.18 CORRECTED ROOF AND SHIPPING STAND DIMS.	
	🗥 DLR	09.15.18	09.15.18 ADDED NEW GAS LIFTER DETAILS	
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Туре

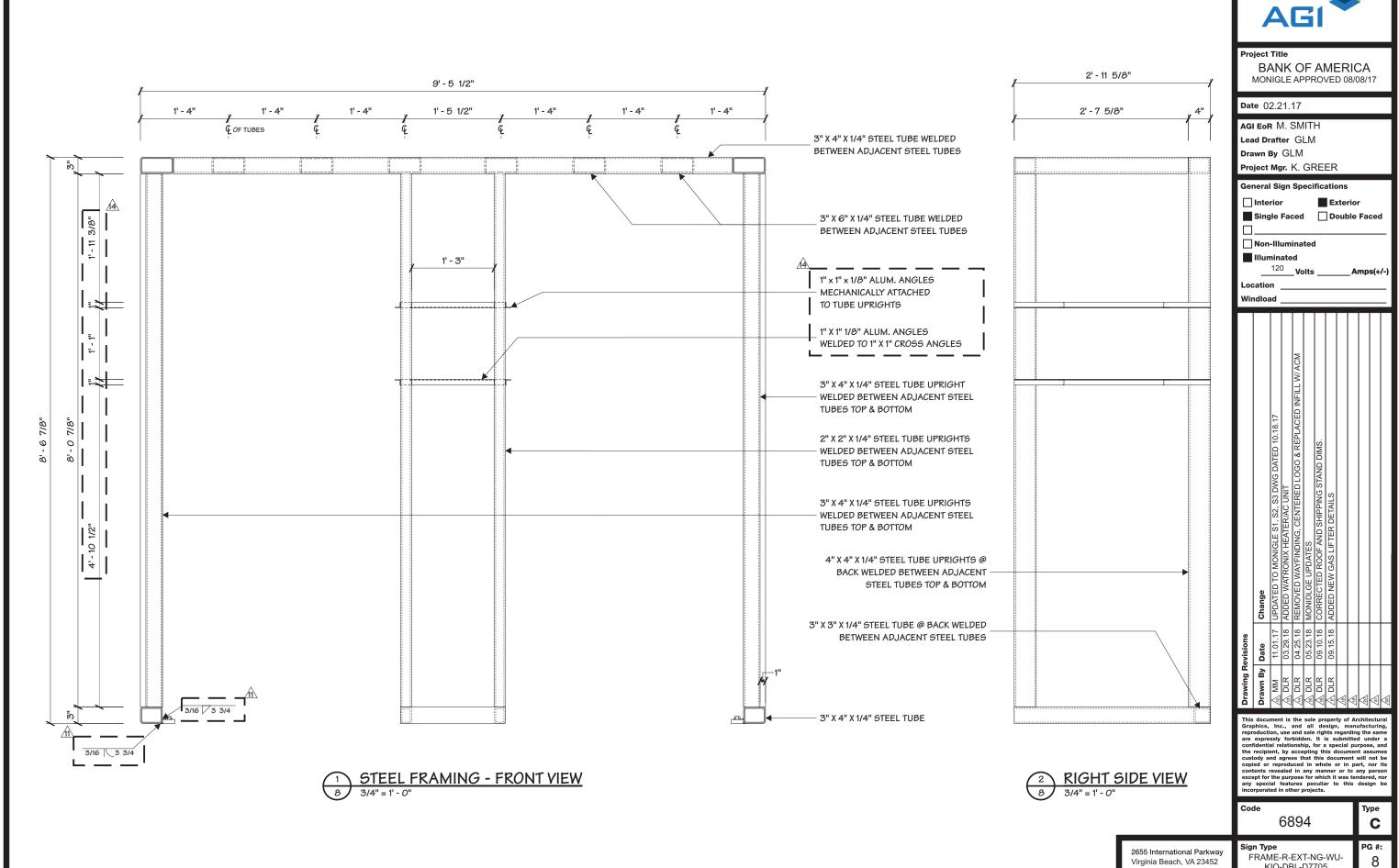
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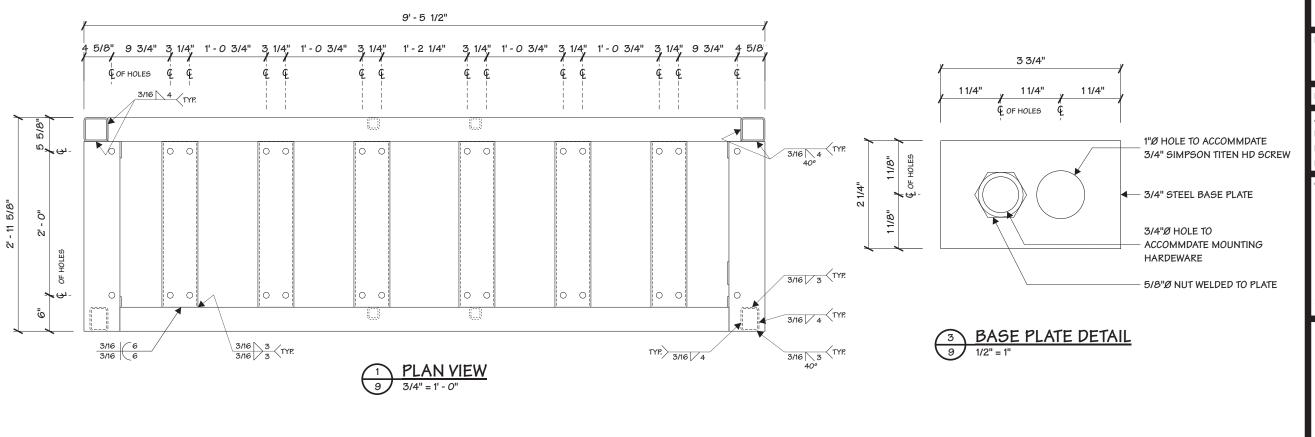
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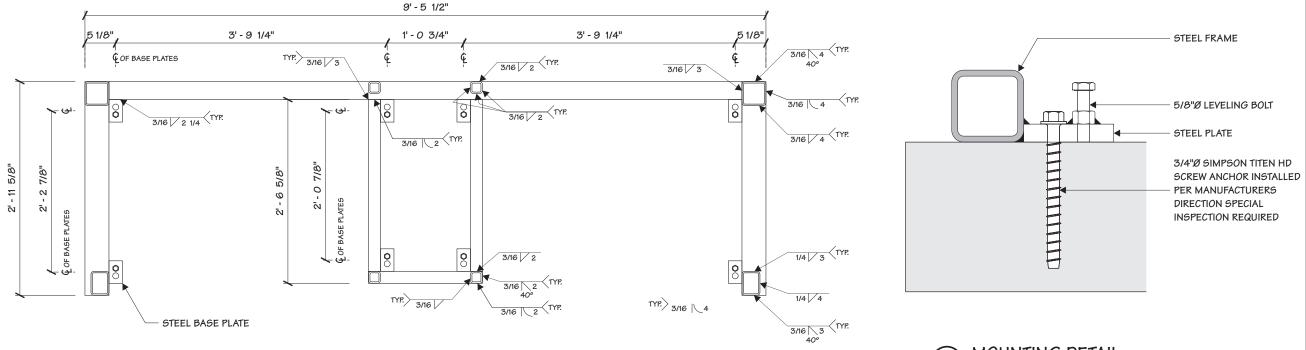
Sign Type 2655 International Parkway FRAME-R-EXT-NG-WU-KIO-DBL-D7705 Virginia Beach, VA 23452





KIO-DBL-D7705







MOUNTING DETAIL
9 1/4" = 1"

2655 International Parkway Virginia Beach, VA 23452



Project Title

BANK OF AMERICA MONIGLE APPROVED 08/08/17

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Non-Illuminated

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\_\_\_\_\_\_\_ Volts \_\_\_\_\_\_ Amps(+/-

Location \_

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Windload

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 △ DLS
 09.15.18
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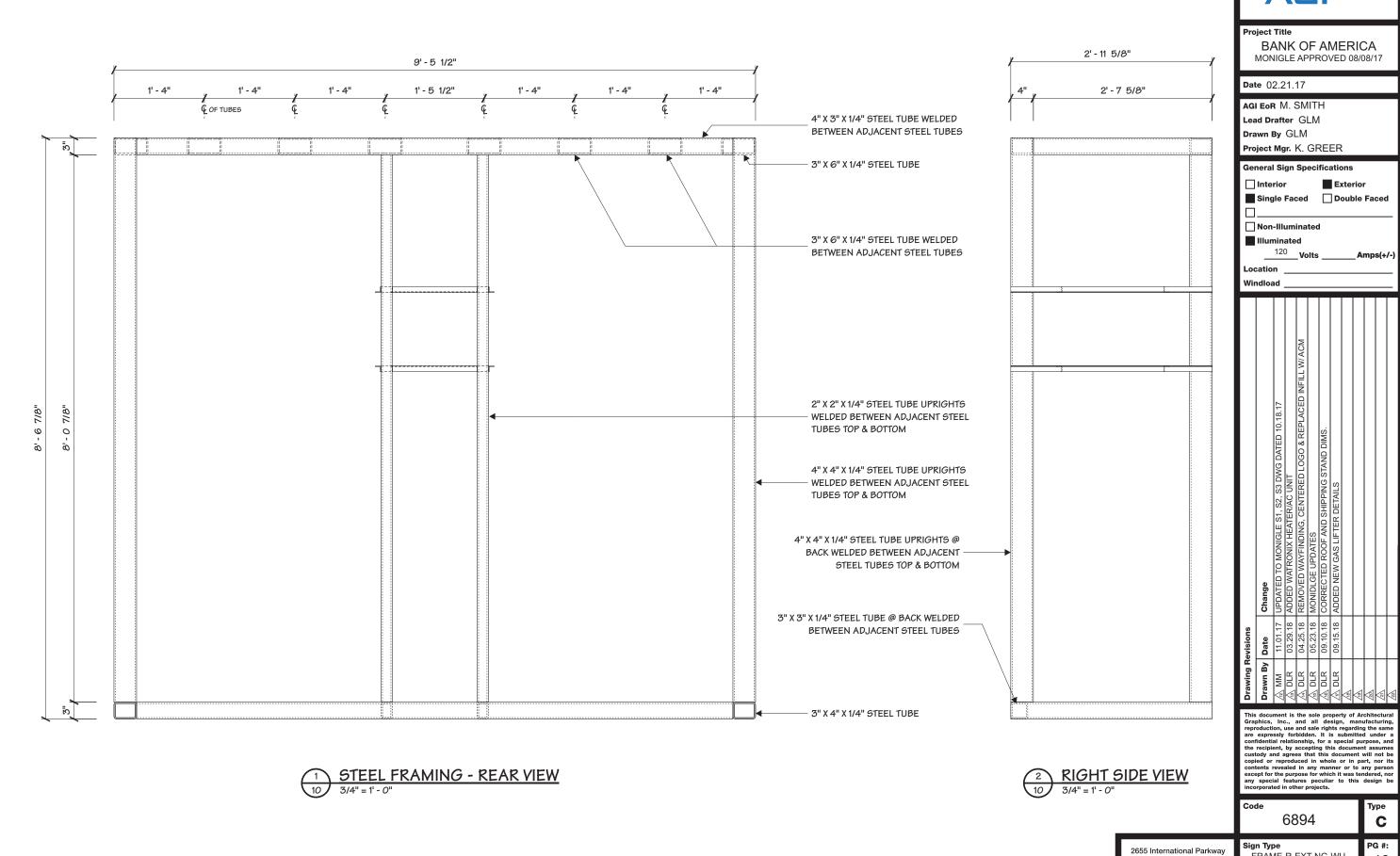
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Type C

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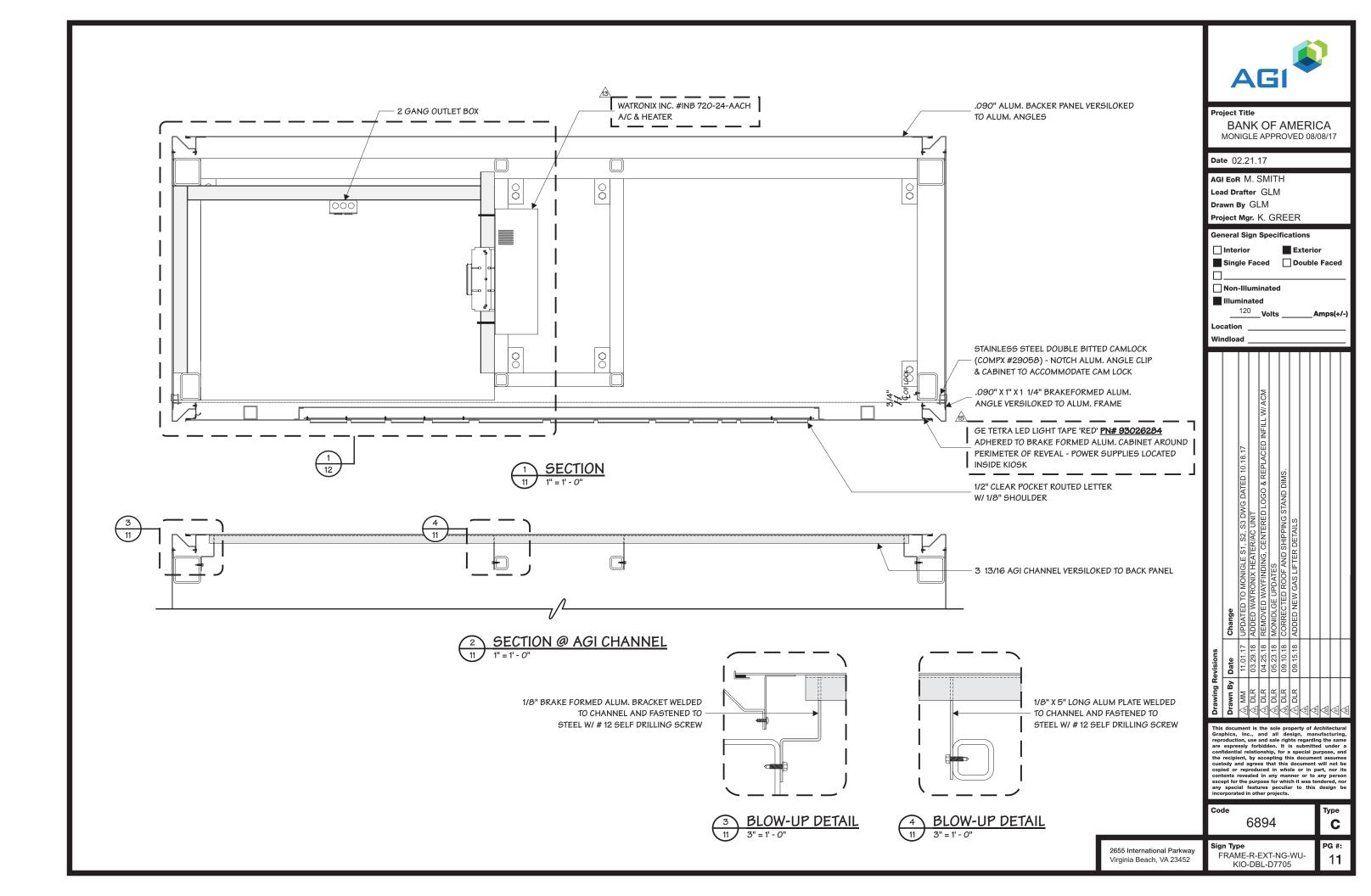


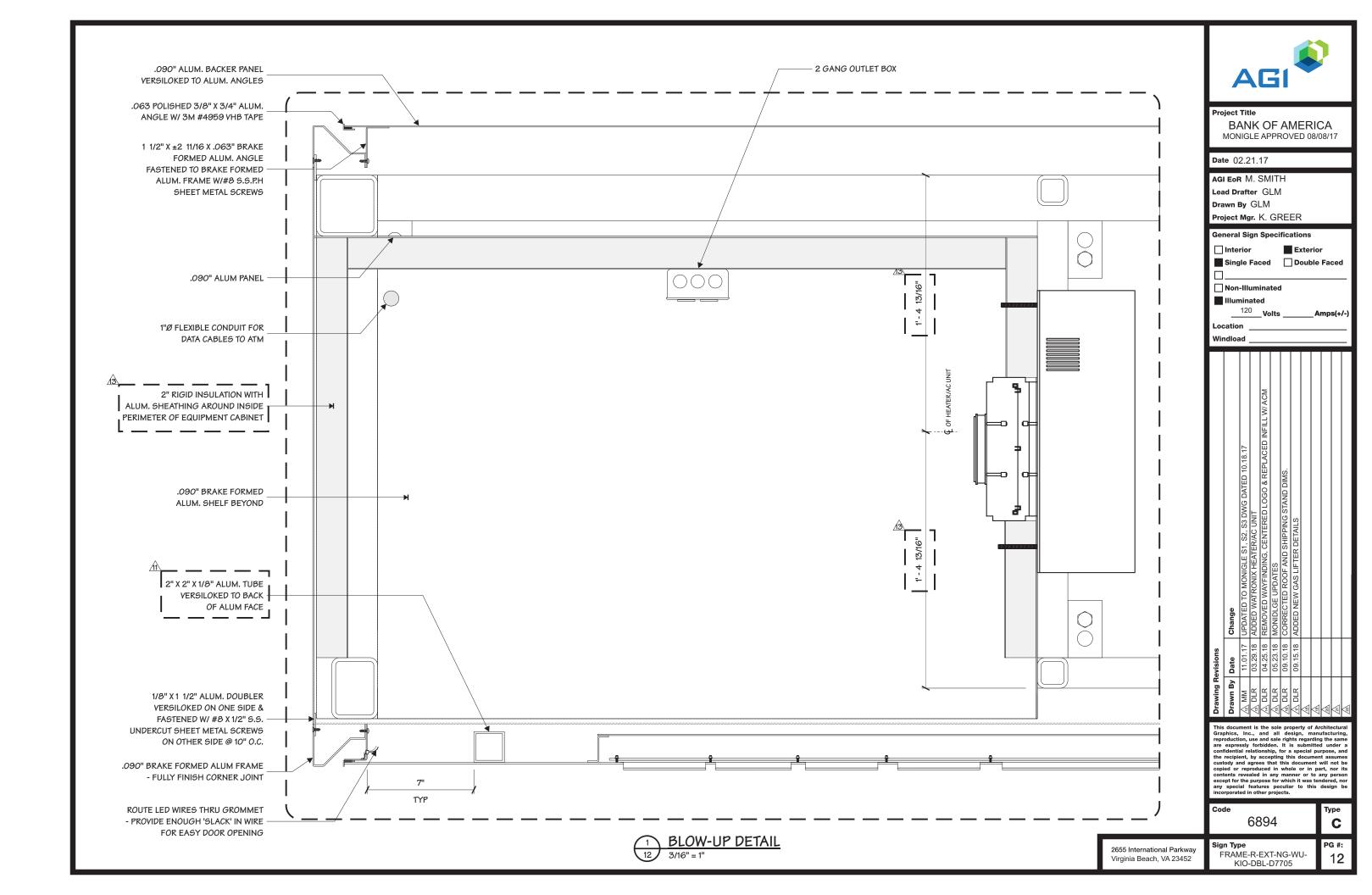


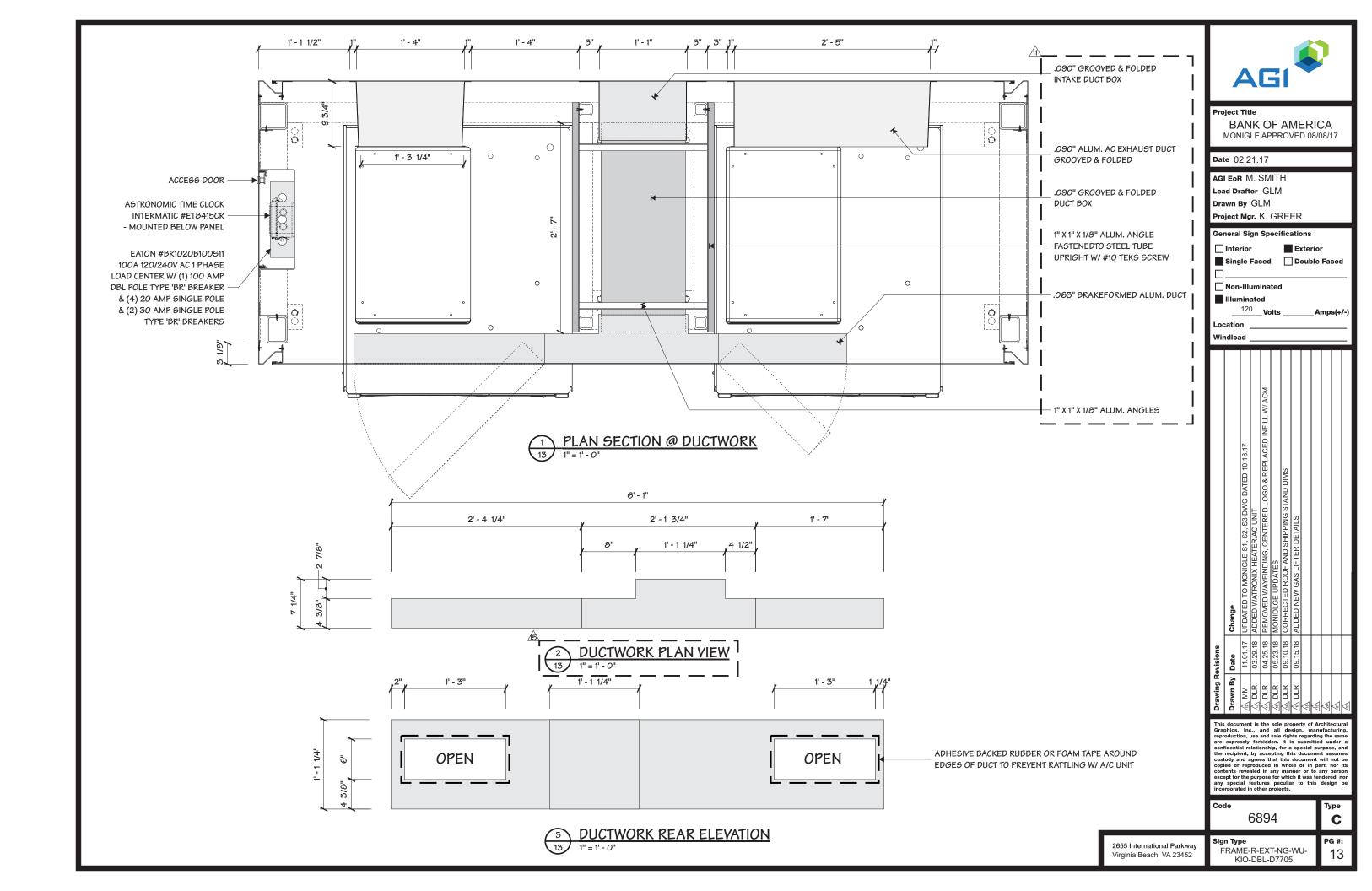
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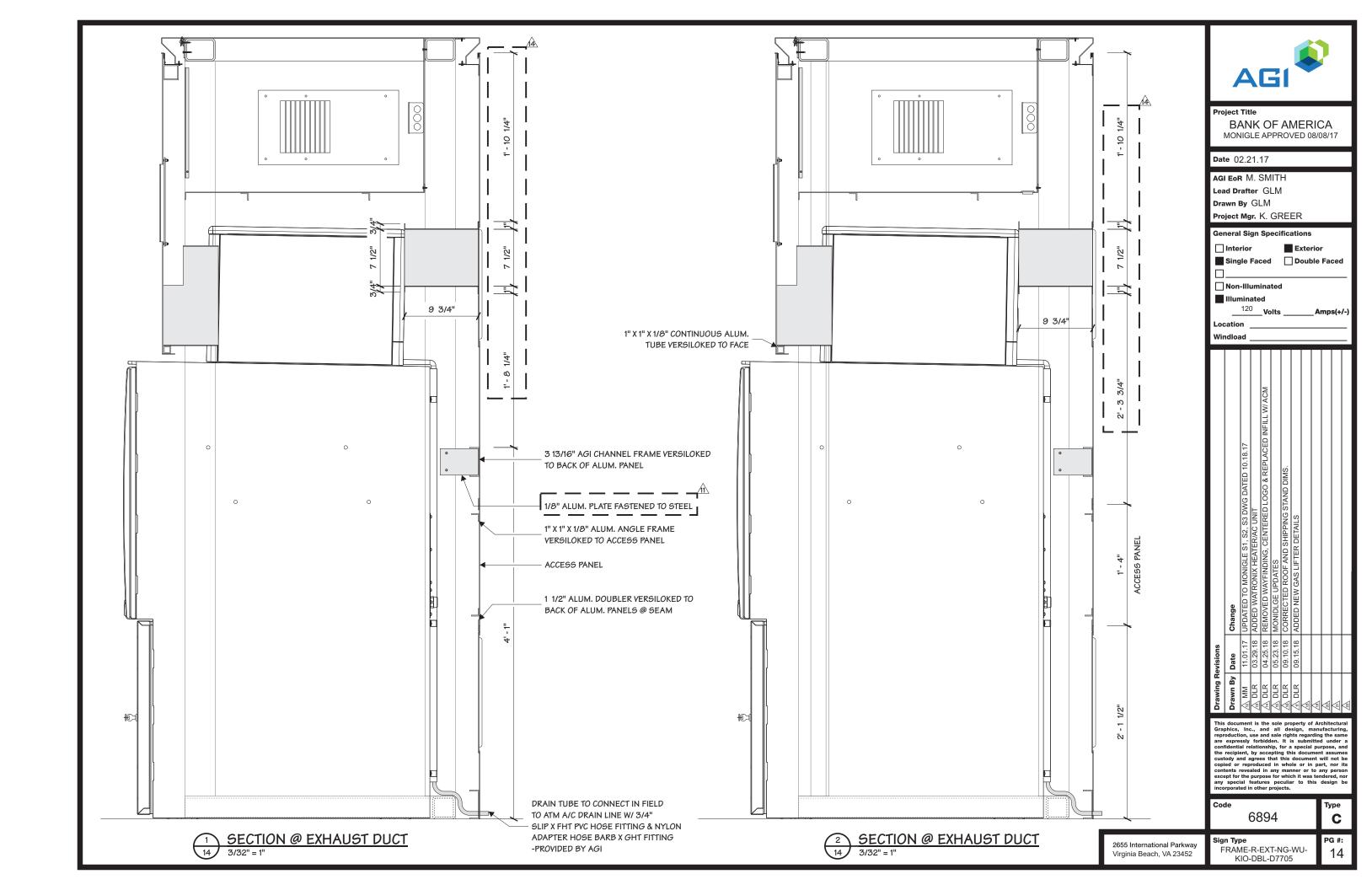
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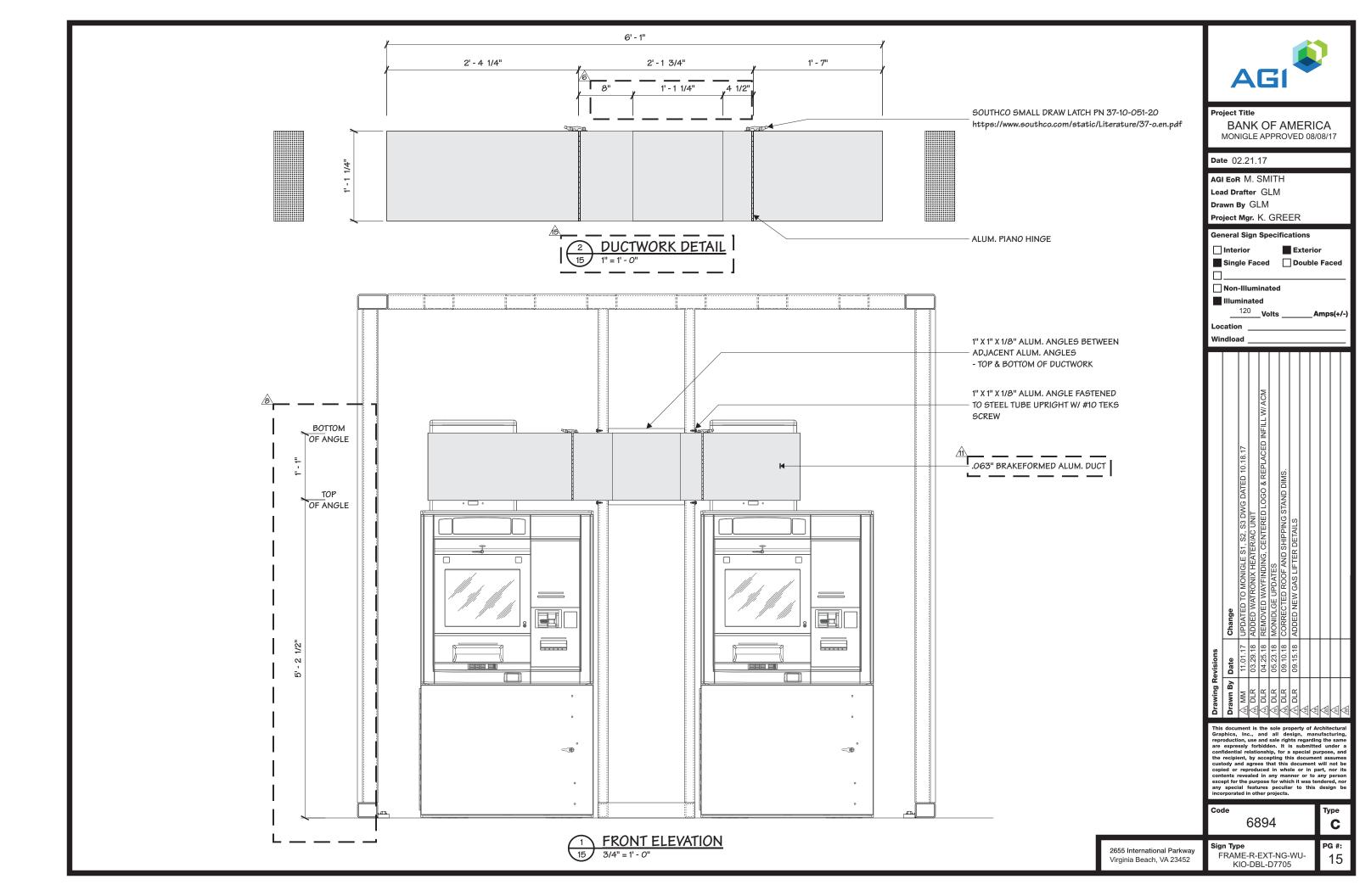
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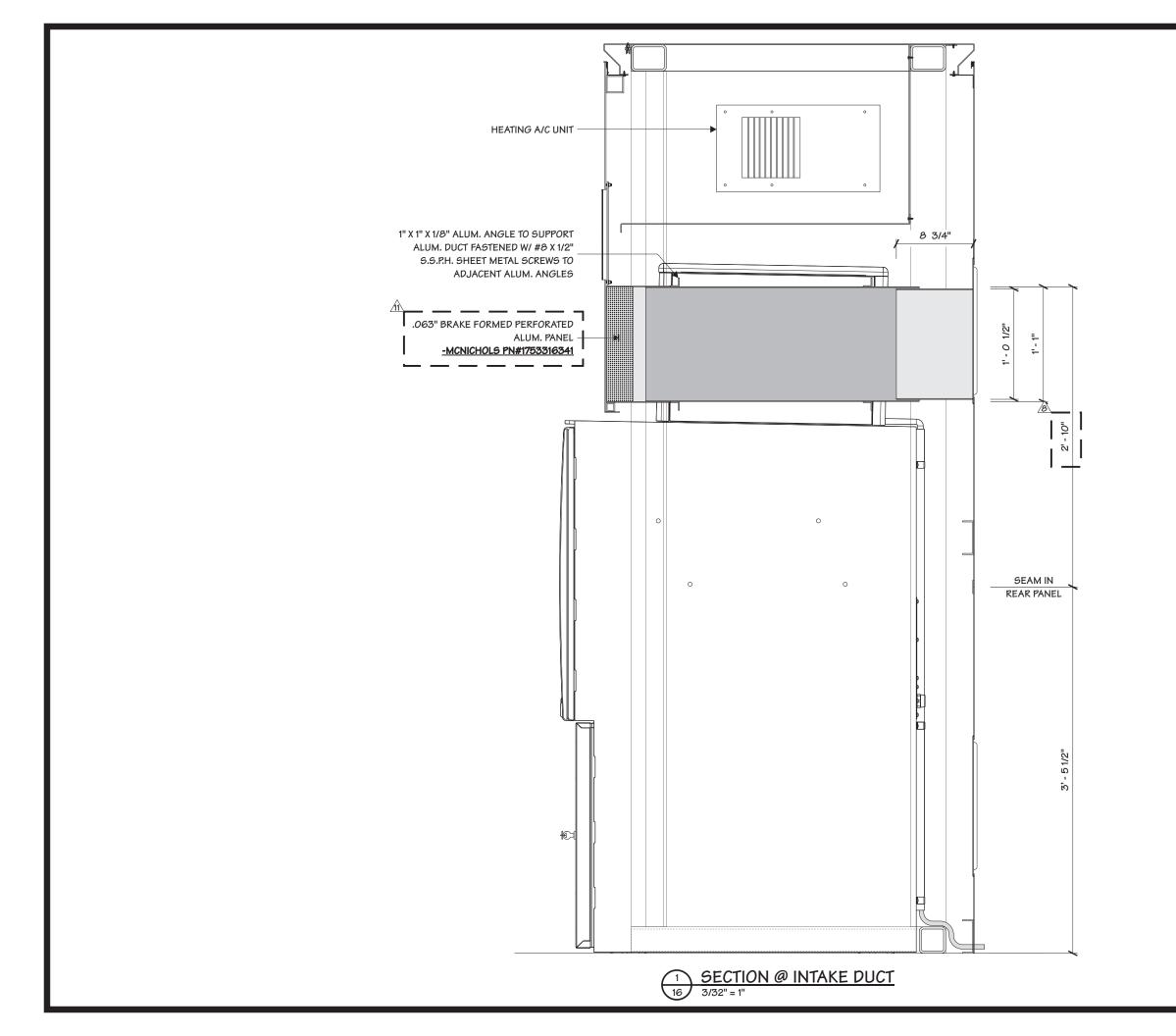














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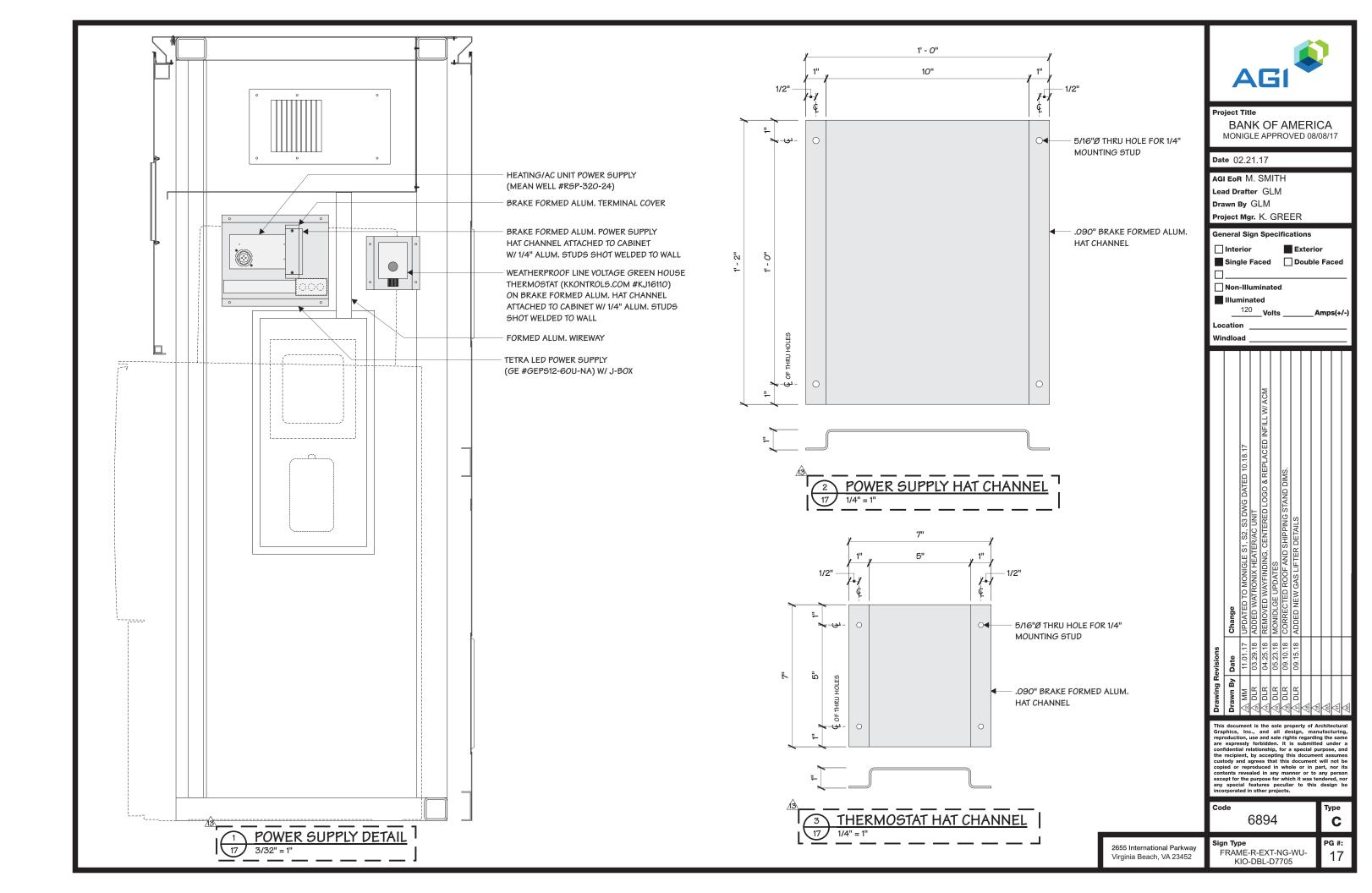
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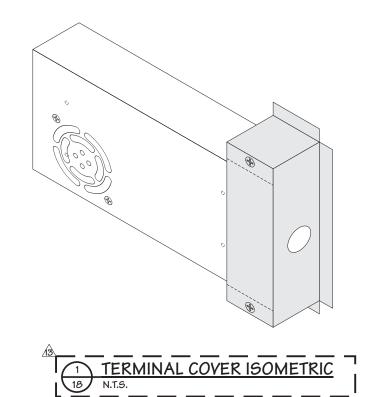
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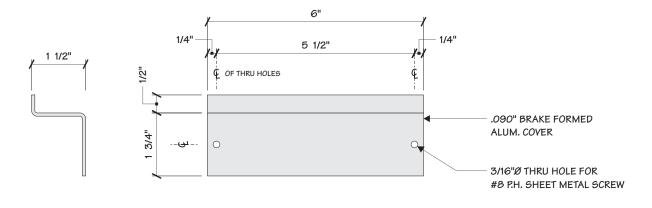
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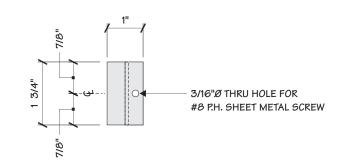
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2655 International Parkway
Virginia Beach, VA 23452



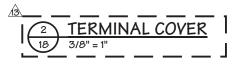












<u>/13\</u>			
	3	TERMINAL COVER BRACKET	ï
	18	3/8" = 1"	l



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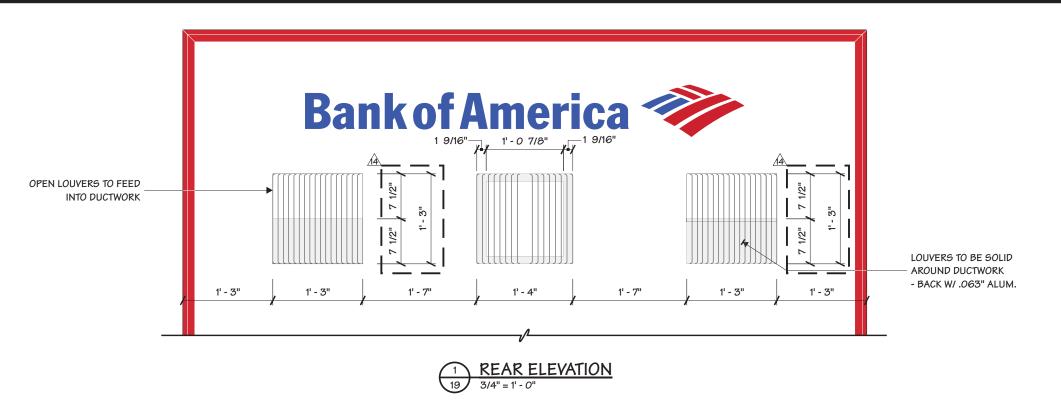
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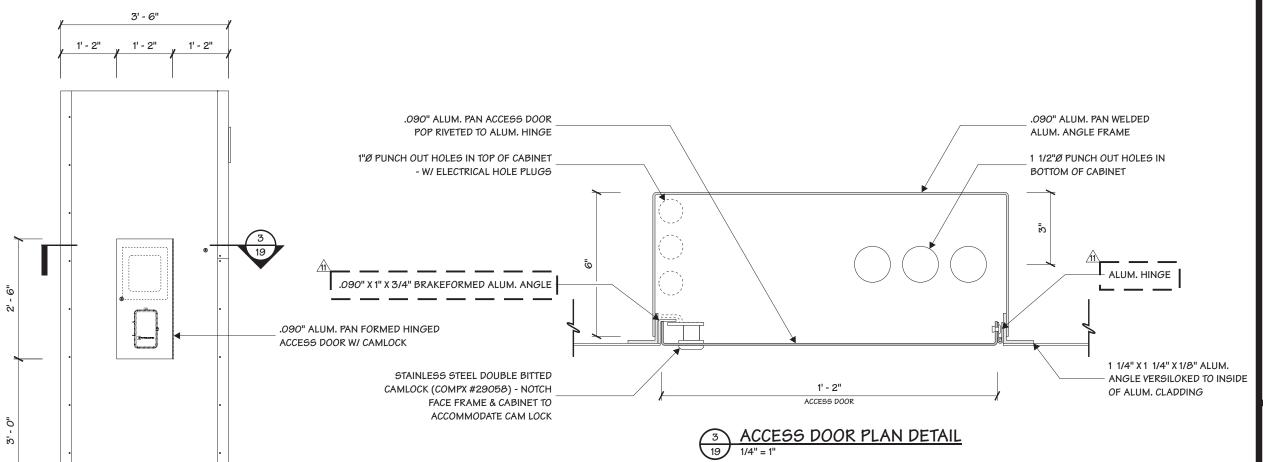
2655 International Parkway

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FRAME-R-EXT-NG-WU-KIO-DBL-D7705





2 ELEVATION SIDE VIEW
19 1/2" = 1' - 0"



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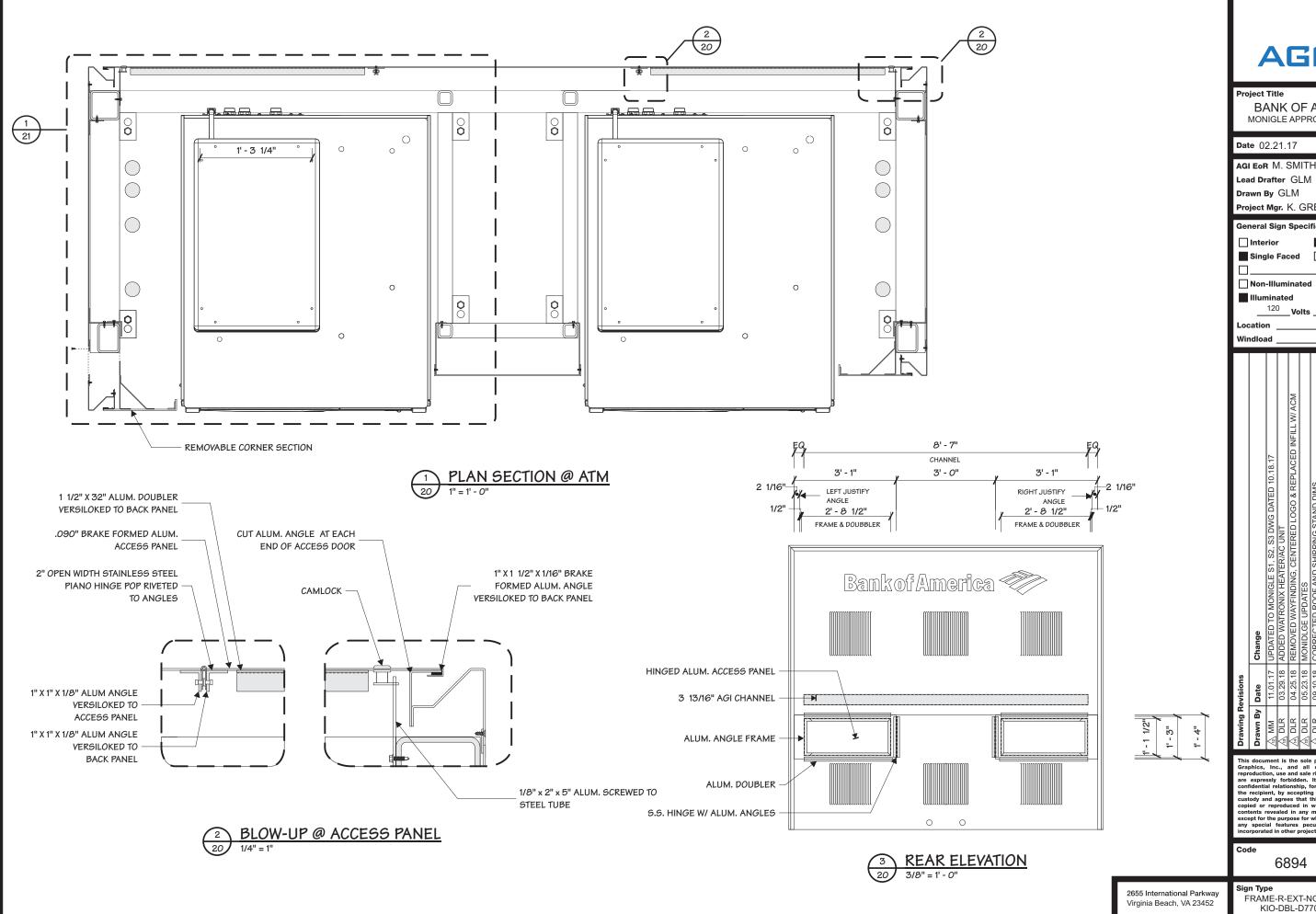
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120

Amps(+/-

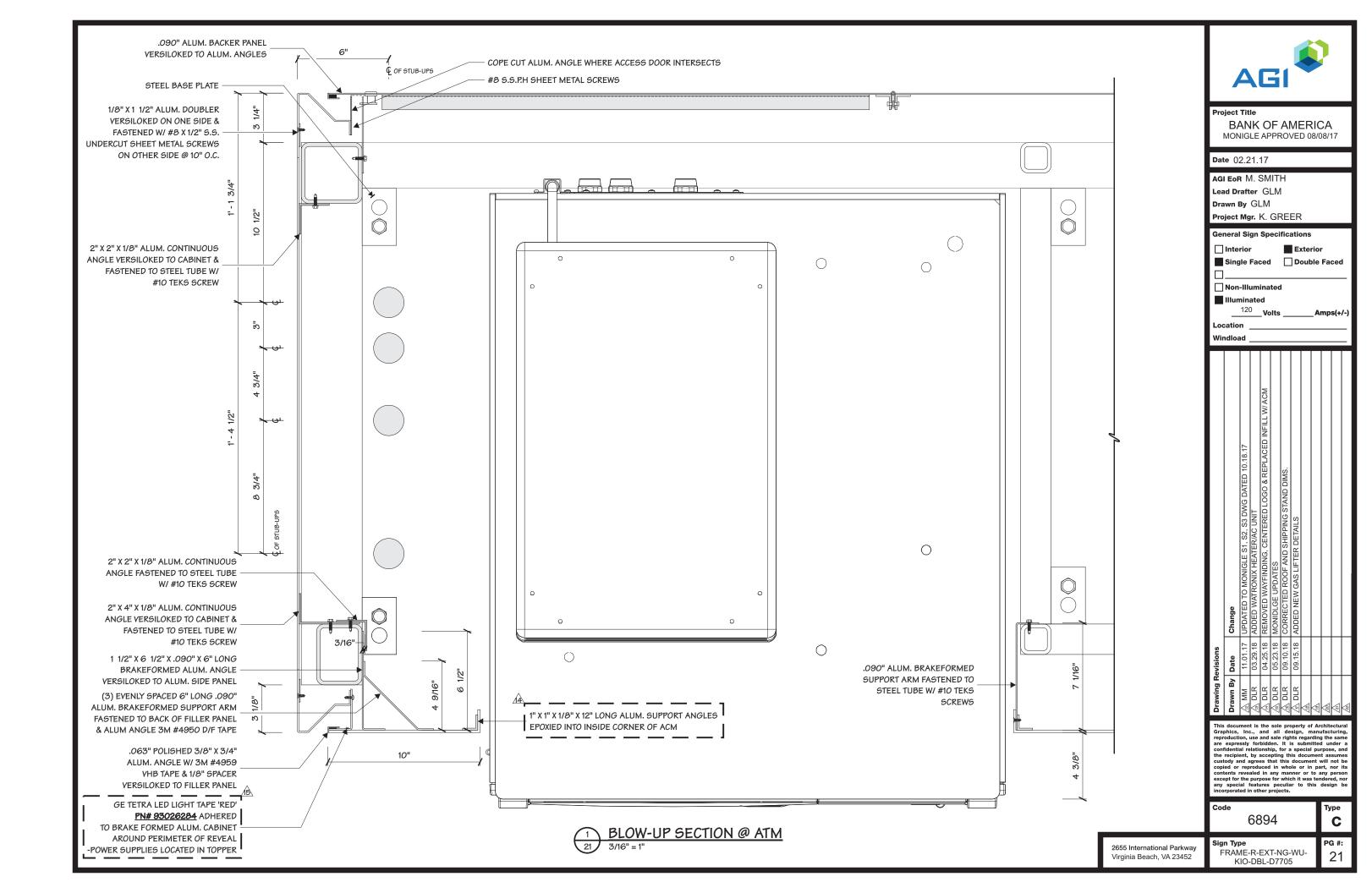
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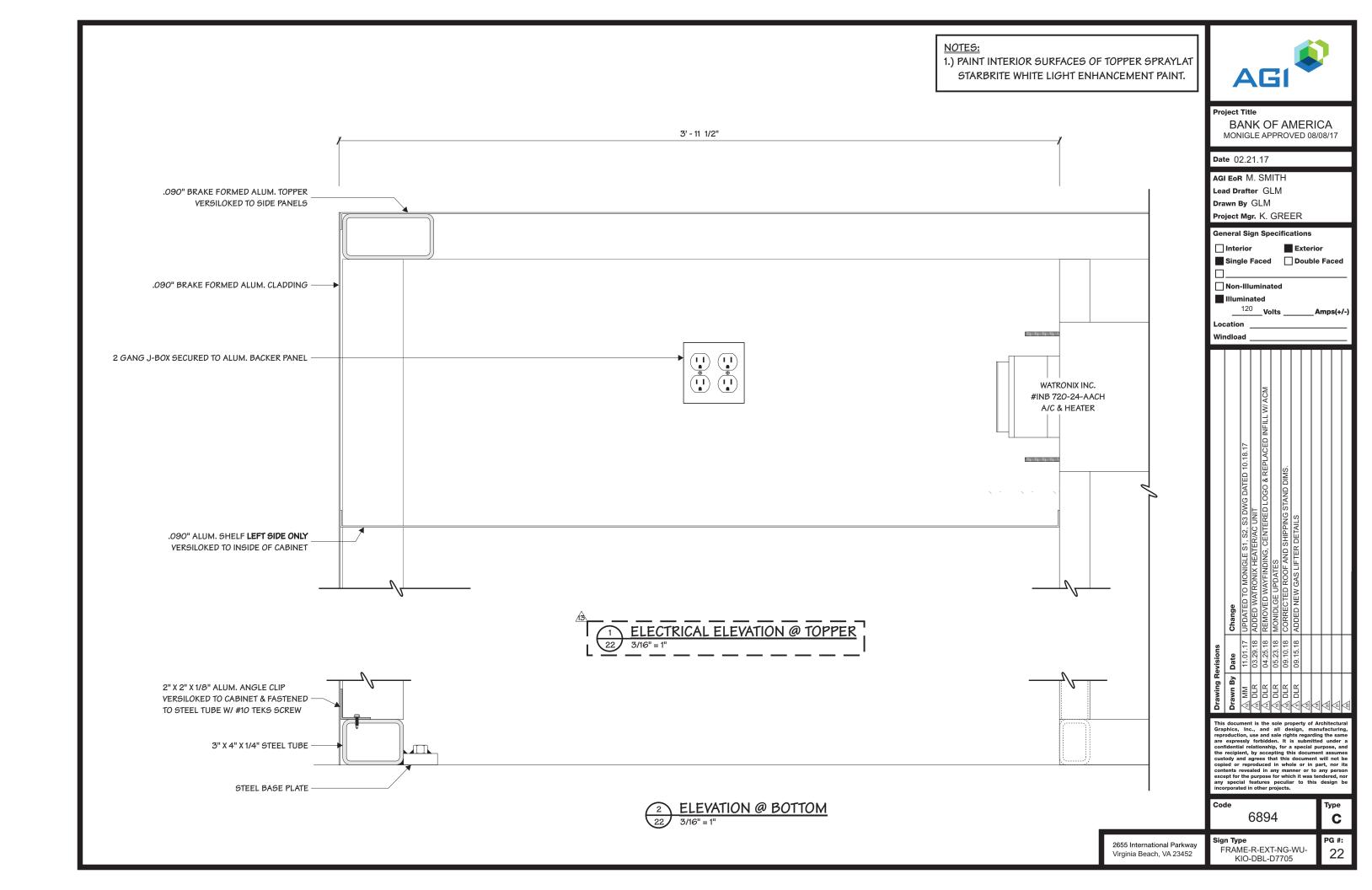
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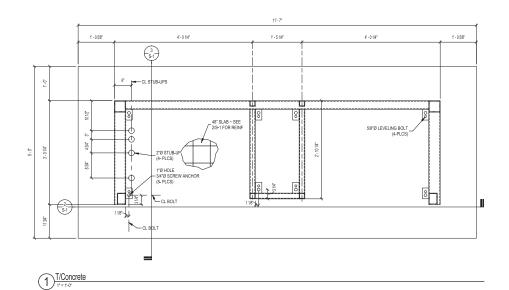
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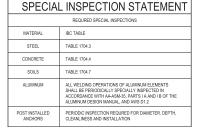




9'-534"

PRONT SECTION

3/4" = 1'-0"



# STRUCTURAL LOAD LIMITATIONS:

FLOOR LIVE LOAD: A. 125psf ROOF LIVE LOAD: A. 40psf

WIND LOAD: A. 180 MPH B. II

SEISMIC LOAD:

SEISMIC USE GROUP SITE CLASS SEISMIC FORCE RESISTING SYSTEM SEISMIC DESIGN CATEGORY ANALYSIS PROCEDURE

## **GENERAL NOTES:**

- All work shall conform to the minimum standards of the International Building Code, 2012 edition and anyother regulaton agencies that have authorityo ver anyortion of the work.
- The structure has been designed to the criteria noted in the "Structural Load Limitations" table on this sheet. If the local building department criteria exceeds that shown, a licensed engineer shall be retained to redesign the structure as required.
- All omissions or conflicts between the various elements of the working drawings and/or specifications shall be brought to the attention of the ArchitectEngineer before proceeding with anywork so involve d. Contractor must check all dimensions, framing conditions, and site conditions before starting work. Architect/Engineer shall be notified immediatelyof anydiscrepancies or possible deficiencies.
- A detail, section, elevation, etc. reference mayo e indicated onlyonce on a structural construction drawing, but is to be used at all like and similar construction conditions.
- orawing, but is to be used at all like and similar construction continuous.

  No modification shall be made to anystructural me mber without the approval of the Architect/Engineer. This also applies to anyopenings for plumbing, ele ctrical and mechanical trades. Nothing contained within the contract documents shall relieve the general contractor and the subcontractors of:

  a. the responsibility of determine anyaspec 1 of how the work is to be performed.

  b. dealing with matters of safetyof personn el.

  c. safetyof property

  d. superintending of the work.

- d. superintending of the work.

  The contractor shall be responsible for all excavation procedures and protection of adjacent property, structures, utilities, etc. in accordance with all national, state and local ordinances.

  Special inspection, in accordance with the International Building Code or as required bythe construction documents, shall be performed by a qualified inspector from an approved agencyReports shall be issued to the Architect/Engineer and the Building Department at the completion of each type of work stating whether the work was performed in conformance with the approved plans and specifications. See inspection schedules for specific requirements.

#### FOUNDATIONS:

1 Minimum allowable soils pressure = 1500 psf

## STRUCTURAL STEEL:

- All fabrication and erection shall conform to the latest edition of the AISC Manual of Steel Construction All fabrication and rectains taken committed the relates tention of the AISC manual of other constitution.

  A Certified Welder approved bythe local Building D epartment in accordance with AWS, Structural Welding Code D1.1, shall perform all welding.

  Square and rectangular hollow structural sections (HSS) shall be ASTM A500 Grade B (46 ksi).

- Miscellaneous structural steel such as plates, angles and channels shall conform to ASTM A36. All welding electrodes shall conform to ASTM E70XX. The minimum fillet weld size shall be 3/16". Bolted connections are to be of high-strength ASTM F1554, Grade (36, 55, 105). A minimum of two bolts is required for all beam connections. Minimum required connection capacitys 8 kips unless note d
- All structural steel shall be shop coated with an approved rust inhibitive primer.
- An structural steen stand be snipt Doctated with an approved usal imitation reprinted in the standard steen specifically detailed shall be allowed through structural steel members. No cutting of structural steel shall be permitted without written consent from the Architect/Engineer.
- Post installed anchor bolts shall be Simpson Titen HD heavydutyscrew anchors.

## ALUMINUM:

1 Aluminum shall be 3003-H14 Alloy

Ftu = 19 ksi, Fty= 16 ksi, Fcy= 13 ksi, Fsu = 12 ksi, Fsy= 9 ksi. Fc = 10,100 ksi

# CONCRETE:

- Minimum fc = 3000 ps
- Maximum aggregate siz = 1 Slump limits 3"-5"
- Cement Tpe I/II
- Air content 5%-8% with air entrainment admixture required at all sites except those that do not have temperatures below freeing at anyonint of the  $\mathfrak{g}a$  r.
- Prepare concrete mix designs using either laboratorytrial batch or field experience methods as specified in ACI 301. If trial batch method is used, use an independent testing facilityacceptable to Englineer for Preparing and reporting of proposed mis designs.
- Portland Cement shall conform to ASTM C150, Type I /II. Aggregate for lightweight concrete shall conform to all requirements and test of ASTM C330. Concrete mixing operations, etc., shall conform to ASTM C94 and ACI 304.
- ASI M C94 and AU 304.

  Water-reducing admixtures shall conform to ASTM C494, and be used in strict accordance with the manufacturer's recommendations. An air-entraining agent conforming to the ASTM C260 shall be used in all concrete mixes for work which is exposed to weather.
- Pipes maypass through structural concrete in slee ves, but shall not be embedded therein.

  All concrete shall be consolidated bywibration, spading, rodding, or forking so that concrete is thoroughlyworked around the reinforcement and embe dded items and into corners of forms without segregation of materials.

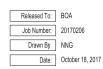
# REINFORCING STEEL:

- Reinforcing steel shall conform to ASTM A615, Grade 60.
- All reinforcing bar bends shall be made cold with a bar bender at the ACI 318 specified minimum
- 3 Detail bars in accordance with the latest editions of the ACI Detailing Manual and ACI Building Code Requirements for Structural Concrete.
- 4 Provide all accessories necessaryto support reinf orcing at positions shown on the plan.

Structural Criteria & Footings



14 -#6 T&B







MONIGLE | ASSOCIATES

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Sign Type FRAME-R-EXT-NG-WU-KIO-DBL-D7705

2655 International Parkway Virginia Beach, VA 23452

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rated in other projects. Type

> PG #: 23

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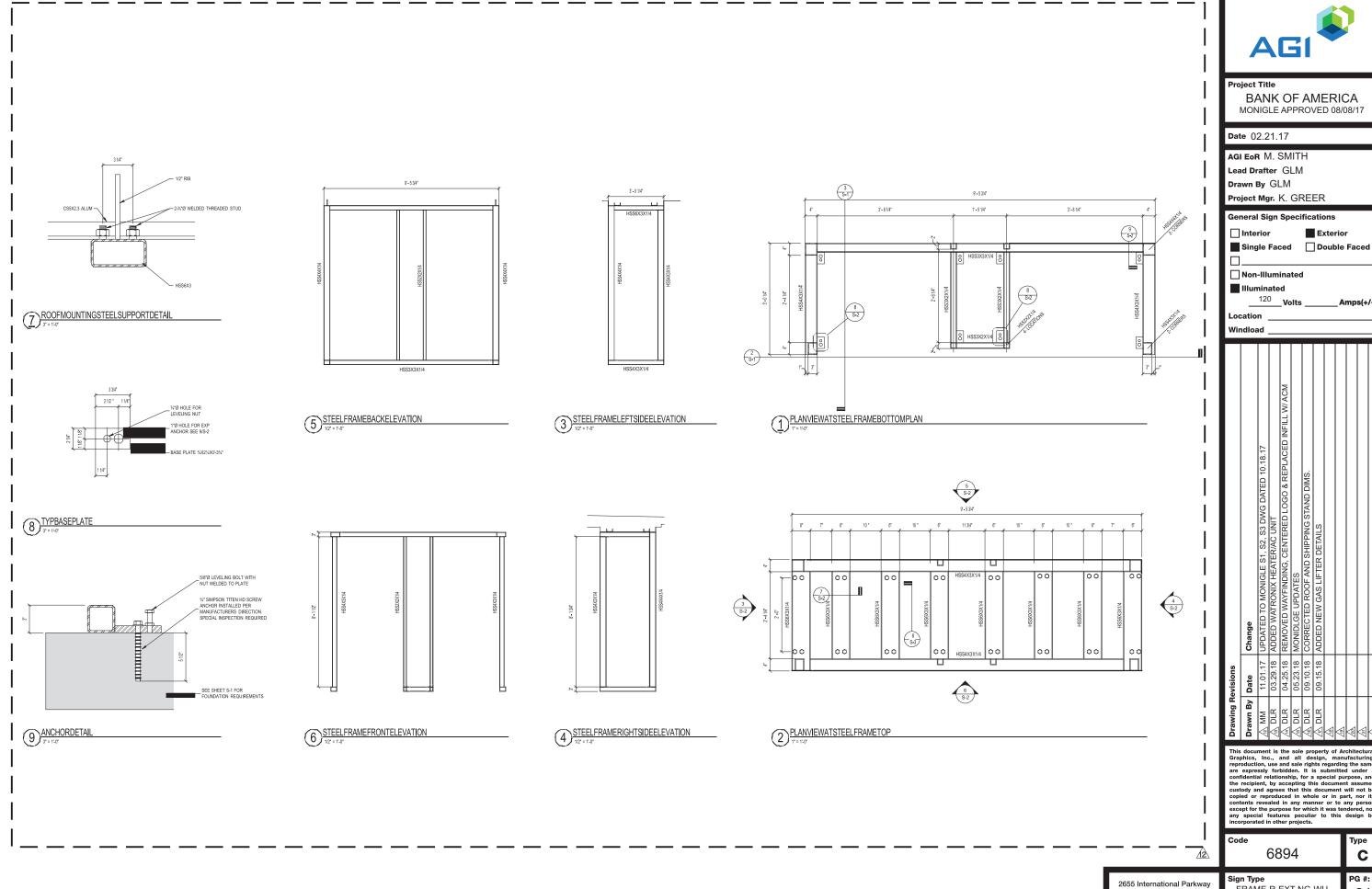
Amps(+/-

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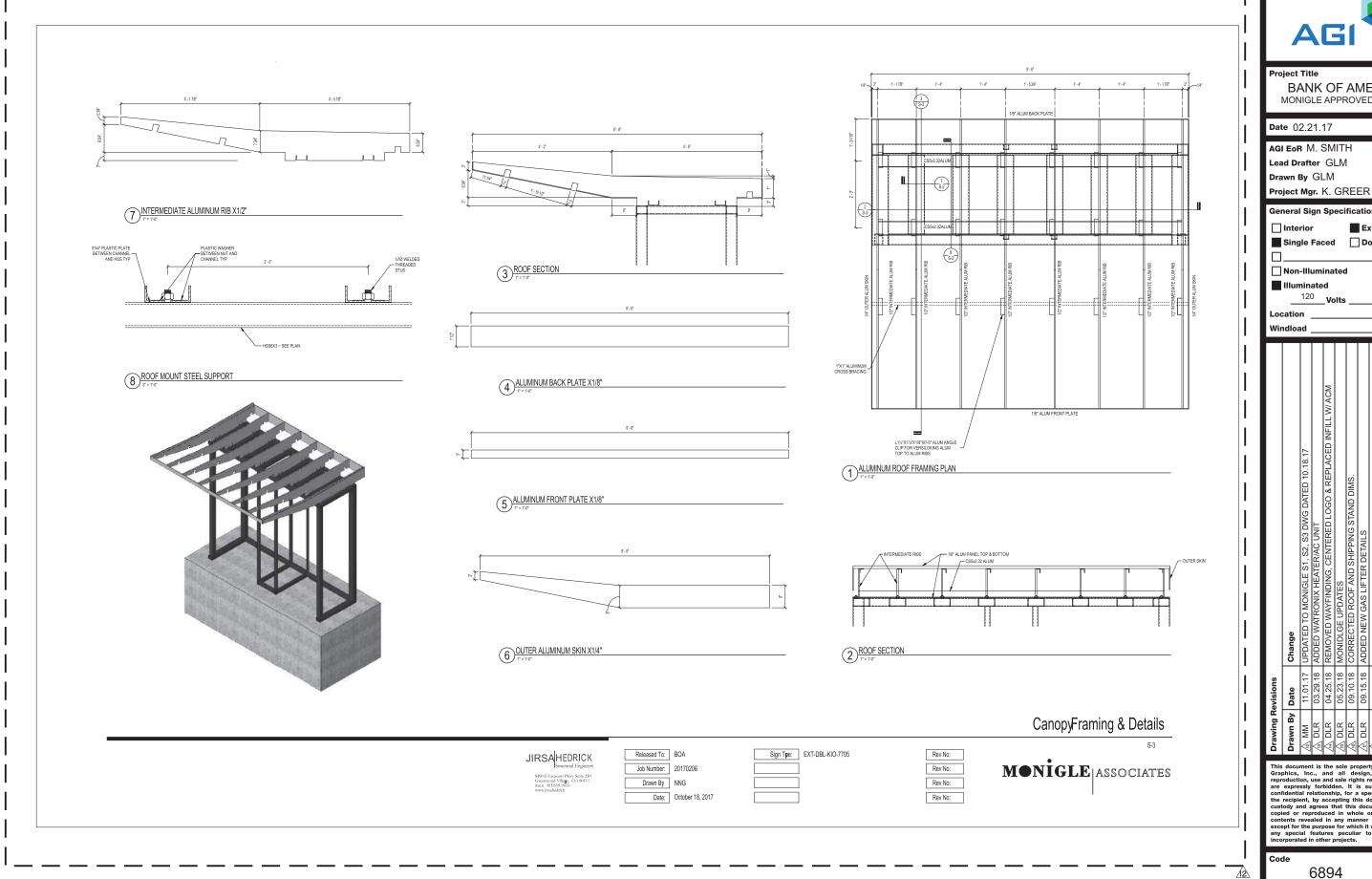
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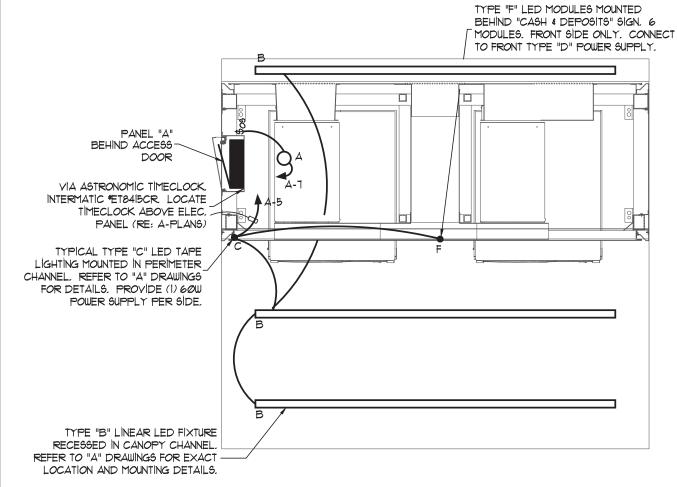
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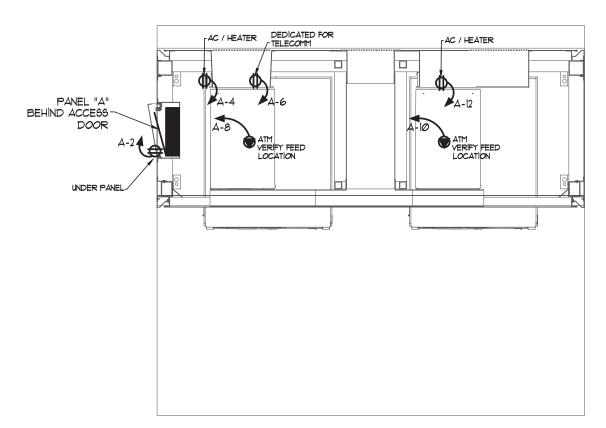
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Sign Type FRAME-R-EXT-NG-WU-KIO-DBL-D7705

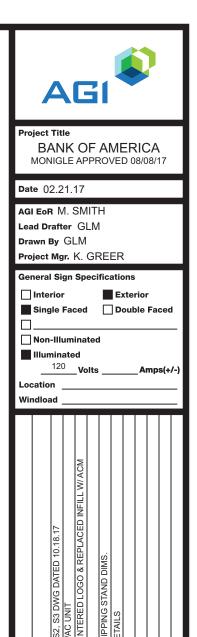


KIOSK LIGHTING PLAN SCALE: 1/2" = 1'-0"



KIOSK POWER PLAN SCALE: 1/2" = 1'-0"

ELEC	TRICAL LEGEND
O)	JUNCTION BOX
\$	SINGLE POLE SWITCH
↔	DUPLEX RECEPTACLE (HEIGHT PER BANK OF AMERICA)
•	SPECIAL PURPOSE RECEPTACLE (HEIGHT PER BANK OF AMERICA)
마	DISCONNECT-RATED FOR USE
WP	WEATHERPROOF
GFÌ	GROUND FAULT INTERRUPTER
AC	ABOVE COUNTER
HOR	MOUNT RECEPTACLE HORIZONTALLY
	METER



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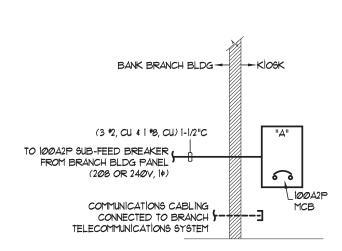
Type

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PG #:

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2655 International Parkway Virginia Beach, VA 23452



# SERVICE OPTION 1

# ELECTRICAL SERVICE OPTIONS:

UTILIZE THIS OPTION FOR KIOSK POWER FEED FROM AN EXISTING BANK BRANCH BUILDING. CONTRACTOR SHALL FIELD-COORDINATE WITH BANK OF AMERICA AND BRANCH MANAGER TO DETERMINE BEST LOCATION TO FEED NEW 100A, 208 OR 240Y, SINGLE PHASE ELECTRICAL FEED TO PANEL INTEGRAL TO KIOSK. EXISTING BRANCH PANEL MUST BE ABLE TO ACCOMMODATE NEW 60A2P CIRCUIT BREAKER. ABOVE GRADE CONDUIT ROUTING MUST NOT BE EXPOSED AND SHALL BE APPROVED FOR SECURITY PURPOSES WITH BANK OF AMERICA.

UTILIZE THIS OPTION FOR FREE-STANDING KIOSKS FED FROM A PAD-MOUNTED UTILITY COMPANY TRANSFORMER. ADDITIONALLY THIS OPTION SHALL BE USED FOR UTILITY JURISDICTIONS THAT REQUIRE "COLD-SEQUENCED" (METER DOWNSTREAM OF DISCONNECT) FUSE AND METER CONFIGURATION. ALL SERVICE GEAR SHALL BE MOUNTED TO A FREE-STANDING PRESSURE TREATED WOOD PEDESTAL, CONSTRUCTED AND PLACED PER BANK OF AMERICA STANDARDS. ELECTRICAL CONTRACTOR SHALL FIELD COORDINATE WITH LOCAL UTILITY COMPANY FOR SERVICE FEEDERS AND SPECIFIC REQUIREMENTS PRIOR TO WORK.

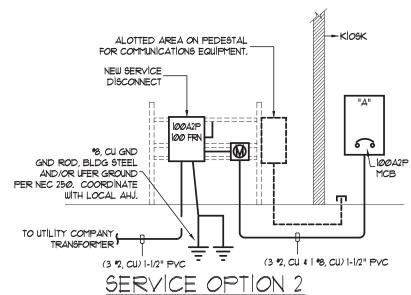
# SERVICE OPTION 3:

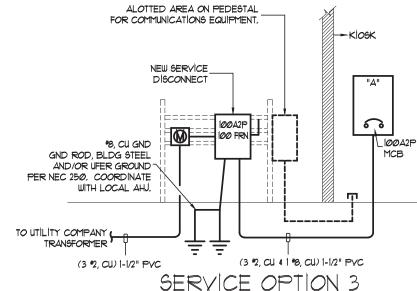
THIS OPTION SHALL ENCOMPASS THE SAME REQUIREMENTS OF OPTION 2, WITH THE EXCEPTION OF THE FUSE AND METER CONFIGURATION. THIS OPTION SHALL BE UTILIZED IN UTILITY JURISDICTIONS REQUIRING "HOT-SEQUENCED" (METER UPSTREAM OF DISCONNECT) FUSE AND METER CONFIGURATION.

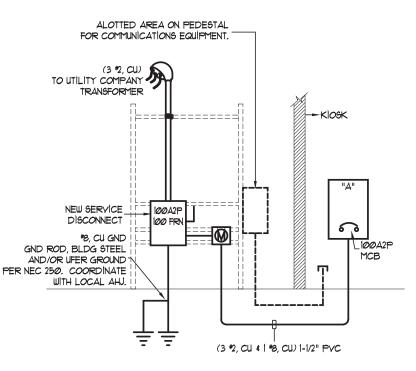
#### SERVICE OPTION 4:

UTILIZE THIS OPTION FOR FREE-STANDING KIOSKS FED FROM A POLE-MOUNTED UTILITY COMPANY TRANSFORMER. ADDITIONALLY THIS OPTION SHALL BE USED FOR UTILITY JURISDICTIONS THAT REQUIRE "COLD-SEQUENCED" (METER DOWNSTREAM OF DISCONNECT) FUSE AND METER CONFIGURATION. ALL SERVICE GEAR SHALL BE MOUNTED TO A FREE-STANDING PRESSURE TREATED WOOD OR UNISTRUT PEDESTAL, CONSTRUCTED AND PLACED PER BANK OF AMERICA STANDARDS, ELECTRICAL CONTRACTOR SHALL FIELD COORDINATE WITH LOCAL UTILITY COMPANY FOR SERVICE FEEDERS AND SPECIFIC REQUIREMENTS PRIOR TO WORK

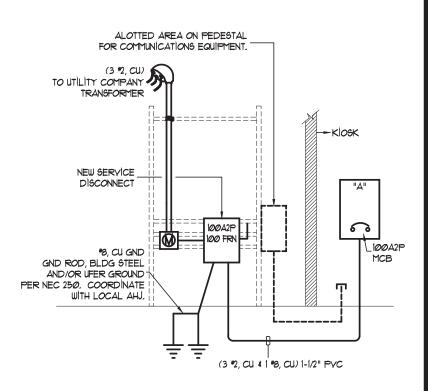
THIS OPTION SHALL ENCOMPASS THE SAME REQUIREMENTS OF OPTION 2, WITH THE EXCEPTION OF THE FUSE AND METER CONFIGURATION. THIS OPTION SHALL BE UTILIZED IN UTILITY JURISDICTIONS REQUIRING "HOT-SEQUENCED" (METER UPSTREAM OF DISCONNECT) FUSE AND METER CONFIGURATION







SERVICE OPTION 4



SERVICE OPTION 5



**BANK OF AMERICA** MONIGLE APPROVED 08/08/17

Date 02.21.17

AGI EOR M. SMITH Lead Drafter GIM Drawn By GLM

Project Mgr. K. GREER

**General Sign Specifications** 

Interior Double Faced Single Faced

☐ Non-Illuminated

120 Amps(+/-

Exterior

Windload

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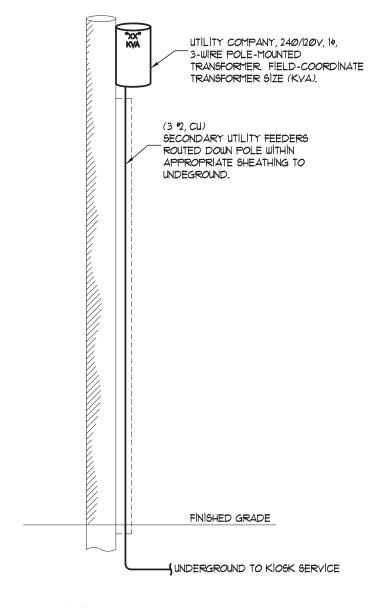
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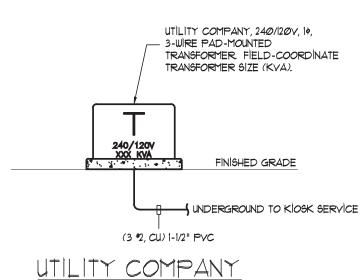
FRAME-R-EXT-NG-WU-

2655 International Parkway Virginia Beach, VA 23452 KIO-DBL-D7705



UTILITY COMPANY SERVICE OPTION 1 "XX" KVÅ UTILITY COMPANY, 240/120V, 14, 3-WIRE POLE-MOUNTED TRANSFORMER FIELD-COORDINATE TRANSFORMER SIZE (KVA). OVERHEAD SECONDARY UTILITY FEEDERS SECURED TO GUY-WIRE. FEED TO OVERHEAD SERVICE MAST. FINISHED GRADE

> UTILITY COMPANY SERVICE OPTION 2



SERVICE OPTION 3

**AGI** 

**BANK OF AMERICA** MONIGLE APPROVED 08/08/17

Date 02.21.17

AGI EOR M. SMITH Lead Drafter GLM

Drawn By GLM

Project Mgr. K. GREER

**General Sign Specifications** 

☐ Interior Single Faced Double Faced

■ Non-Illuminated

Illuminated

Exterior

Amps(+/-)

Windload

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# FIXTURE SCHEDULE

# **BANK OF AMERICA ATM KIOSKS**

		DESCRIPTION OF LUMINAIRE		MOUNTING DATA			LUMINAIRE SPECIFICATION			
KEY	LAMP CODE	DESCRIPTION	FINISH	METHOD	RECESS DEPTH	CEILING TYPE	MANUFACTURER	CATALOG NUMBER	VOLTS	KEY NOTES
А	1 -7	SURFACE MOUNTED PORCELAIN KEYLESS FIXTURE	STANDARD	SURFACE	N/A	STRUCTURE	BY E.C.	BY E.C.	120	1
В		96" LINE VOLTAGE, IP66 RATED LINEAR LED FIXTURE	STANDARD	RECESSED	2"	CANOPY	GE	GEWM9640BAT	120	1
С	1.5W / FT	RED LOW-VOLTAGE LED TAPE LIGHT	STANDARD	SURFACE	N/A	N/A	PRINCIPAL	PL-LT1-RD1-P-8008 WITH 60W IP66 RATED POWER SUPPLY	120/12	1
D	0.4W / MODULE	FLEXIBLE CONNECTED LED MODULES	STANDARD	SURFACE	N/A	N/A		(48) GEMM71-W1 WITH 60W POWER SUPPLY	120/12	1,2
F	0.4W / MODULE	FLEXIBLE CONNECTED LED MODULES	STANDARD	SURFACE	N/A	N/A	GE	(6) GEMM71-W1 (CONNECTED TO TYPE "D" POWER SUPPLY)	120/12	1,2

#### KEY NOTES:

- 1. COORDINATE FINAL LOCATION AND MOUNTING WITH ARCHITECTURAL AND STRUCTURAL DRAWINGS PRIOR TO ROUGH-IN.
- 2. COORDINATE WITH "GE' TO ENSURE ALL LEAD CONNECTORS, SUPPLY WIRES, END CAPS, JUMPERS, ETC. ARE SUPPLIED FOR A COMPLETE OPERATIONAL SYSTEM.

## GENERAL NOTES:

1. SUBMIT CUT SHEETS (PDF FORMAT) FOR BANK OF AMERICA APPROVAL.

	PANEL "A"	OLTS. 1 PHA	SE. 3 W	IRF		HU			
		2P M.C.B.	OL, 5 **			CONS	ULTING	ELECTRICAL ENGINEERS	
	NEW, SURFACE	Li micibi				-		779 F. 303.973.9759	
		C: SERIES (R	E: NOTE	BEL	ow)	(3.00)	20.7 70.5	7/19 1. 202.3/2/3/3/39	
	NOTES: REFER TO NO	TE BELOW FO	OR SPECIF	IC SE	RIES	RATING IN	FORMA	TION	
	CIRCUIT	V	CIRCUIT	PH	ASE	CIRCUIT	V	CIRCUIT	1
	DESCRIPTION	A	BKR	Α	В	BKR	A	DESCRIPTION	07
1	MAIN CIRCUIT BREAKE	٦ -	100/2	0		20	180	UTILITY RCPT UNDER PNL	2
3		0.20	1		0	20	1500	AC / HEATER	4
5	EXTERIOR / SIGN LTG	352	20	0		20	500	TELE / SECURITY DED	6
7	INTERIOR LIGHTING	10	20		0	30	2500	ATM FEED (#10, CU)	8
9	FUTURE SITE LIGHTING	1800	20	0		30	2500	ATM FEED (#10, CU)	1
11	SPARE		20		0	20	500	TELE / SECURITY DED	1
		Г	PHASE	4	I	PHASE B	7		
			5332.0	)		4510.0			
			CON	N. kV	Ά	- 1	DEMANE	0 % DEMAND kVA	
		LIGHTING		2.2			125	2.7	
	RECEPTAC	LES < 10 kVA		0.2			100	0.2	
	RECEPTAC	LES > 10 kVA		0.0			50	0.0	
	LAR	GEST MOTOR		1.5			125	1.9	
		MOTORS		0.0			100	0.0	
		HEAT		0.0			100	0.0	
	MISC	ELLANEOUS 2		0.0			100	0.0	
	DEDICATE	D CIRCUITS 3		6.0			100	6.0	
	MISC	ELLANEOUS 4		0.0			100	0.0	

# SERIES RATING SPECIFICATIONS:

PANEL AND UPSTREAM FUSES SHALL BE SUPPLIED AS FOLLOWS TO ACHIEVE 100,000 AIC SERIES RATING COMBINATION:

MAIN SERVICE DISCONNECT: 100A2P, NEMA 3R, WITH 100 FRN-R FUSES (RE: SHEET E2. 0)

PANEL CATALOG NUMBER: EATON \*BRIG16-BID0 MAIN CIRCUIT BREAKER TYPE: EATON \*BRIDO BRANCH CIRCUIT BREAKER TYPE: EATON \*BR



Project Title
BANK OF AMERICA MONIGLE APPROVED 08/08/17
Date 02.21.17
agi eor M. SMITH
Lead Drafter GLM
Drawn By GI M

Project Mgr. K. GREER

General Sign Spec	cifications
☐ Interior	Exterior
Single Faced	Double Faced
☐ Non-Illuminate	d
Illuminated	

Amps(+/-)

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# ELECTRICAL SPECIFICATIONS

#### GENERAL:

ALL WORK AND MATERIALS SHALL CONFORM TO NATIONAL ELECTRIC CODE, 2011 EDITION AS WELL AS ALL STATE AND LOCAL CODES, AMENDMENTS AND REQUIREMENTS OF THE AUTHORITY HAVING JURISDICTION.

THESE ELECTRICAL DRAWINGS ARE DIAGRAMMATIC AND REQUIRE TRADESMEN SKILLED IN THE COMMERCIAL ELECTRICAL INDUSTRY TO COORDINATE THE NECESSARY INSTALLATIONS WITH OTHER TRADES. PROVIDE THE NECESSARY MATERIALS AND METHODS FOR THESE INSTALLATIONS, ADDITIONAL BLOCKING FOR CORRECT LIGHTING OUTLET AND DEVICE LOCATIONS, ETC. AT NO ADDITIONAL COST.

VERIFY ALL EXISTING SITE AND PROJECT CONDITIONS, UTILITY COMPANY SERVICES AND PROVIDE INSTALLATIONS IN COMPLIANCE WITH THESE CONDITIONS. FIELD VERIFY ALL CONDITIONS AND MAKE ALLOWANCES FOR THESE CONDITIONS IN FINAL PRICING. ANY DISCREPANCIES SHALL BE REPORTED TO THE ENGINEER TO RESOLUTION PRIOR TO FINAL PRICING.

PROVIDE ALL NECESSARY INSTALLATION PLANNING, MATERIALS AND LABOR TO ENSURE A COMPLETE AND OPERABLE SYSTEM FOR EACH SYSTEM DESIGN INDICATED ON THE DRAWINGS AND THESE SPECIFICATIONS. ENSURE ALL WORK IS IN COMPLIANCE WITH THE CURRENT LOCAL AND NATIONAL ELECTRICAL CODES, FIRE AND SAFETY CODES. FURNISH TO THE G.C. ALL REQUIRED INSPECTION CERTIFICATES. THE CONTRACTOR IS RESPONSIBLE FOR ALL PERMITS, FEES, ETC. AND SHALL ENFORCE WORKER'S IDENTIFICATION PER LOCAL AND STATE LAWS.

ALL WORK SHALL BE PERFORMED IN A NEAT AND WORKMANSHIP LIKE MANNER, USING NEW MATERIALS WITH A ONE-YEAR WARRANTY MINIMUM. VERIFY FINISHES OF DEVICES, COVER PLATES, TRIMS, ETC. VERIFY APPROVED ROUTING OF SURFACE CONDUITS WHERE APPLICABLE.

### MATERIALS AND METHODS:

ALL ELECTRICAL EQUIPMENT, DEVICES, LIGHT FIXTURES, CONTROLS, ETC. SHALL BE INSTALLED WITHIN MANUFACTURER'S REQUIREMENTS AND INSTRUCTIONS. ENSURE WORKING CLEARANCES FOR GEAR AND PANELS AND ACCESS TO CONNECTIONS OFF ALL TERMINATIONS.

BRANCH CIRCUITRY AND GROUNDING SHALL COMPLY WITH CODES FOR LOCATION, USE AND SPECIAL OCCUPANCIES. CONDUITS AND FITTINGS SHALL BE AS REQUIRED AND ALLOWED FOR EACH LOCATION.

COORDINATE WITH THE ARCHITECTURAL AND STRUCTURAL DRAWINGS AND ALL TRADES FOR INTENDED AND ACTUAL LOCATIONS OF EQUIPMENT, FINAL LAYOUTS AND MATERIALS, STRUCTURAL ELEMENTS PRIOR TO ROUGH-IN

# DISTRIBUTION GEAR AND PANELS:

PROVIDE A COMPLETE SERVICE DISTRIBUTION SYSTEM PER THE ONE LINE DIAGRAM. ENSURE CODE CLEARANCES, CONCRETE PADS, PROTECTION AND APPROVED LOCATIONS IN EQUIPMENT ROOMS. FUSES AND BREAKERS NOTED FOR SERIES RATING SHALL BE INSTALLED AS SPECIFIED TO ENSURE PROPER BREAKER BRACING PER THE FAULT CURRENT CALCS. CONTRACTOR IS RESPONSIBLE FOR ADDITIONAL ENGINEERING DUE TO SUBSTITUTIONS OF WIRE TYPES THAT AFFECT ISC CALCS AND SERIES RATED STUDIES. ALL GEAR SHALL BE LABELED WITH PLAQUES AND PANEL INDEXES TYPED WITH ACCURATE LOADS IDENTIFIED.

PROVIDE SERVICE GROUNDING PER THE CURRENT N.E.C. ARTICLE 250. COORDINATE THE UFFER GROUNDING INSTALLATION, IF REQUIRED BY THE LOCAL AHJ, PRIOR TO FOUNDATION POUR. ALL FEEDERS AND BRANCH CIRCUITS SHALL BE EQUIPPED WITH GROUNDING CONDUCTORS AND GROUNDED PER NEC 250. ENSURE GROUNDING JUMPERS AND BONDING THROUGHOUT THE SYSTEM.

# LIGHTING FIXTURES AND CONTROLS:

PROVIDE LIGHTING FIXTURES PER THE FIXTURE SCHEDULE UNLESS PRIOR APPROVED BY BANK OF AMERICA.

ENSURE THAT EXTERIOR LIGHT LEVELS COMPLY WITH APPLICABLE ATM SECURITY CODES AND LOCAL REQUIREMENTS.

EXTERIOR LIGHTING AND CONTROLS SHALL BE IN ACCORDANCE TO THE LOCAL LIGHTING ORDINANCES AND THESE DRAWINGS. THIS CONTRACTOR IS RESPONSIBLE FOR ENGINEERING REQUIRED FOR THE SPECIFIC LIGHTING PRODUCTS, LAMPS, ETC. TO PROVE COMPLIANCE TO THE CODE OFFICIALS AND REVISED PHOTOMETRIC DESIGNS IF APPLICABLE.

PHOTOCELL TYPE CONTROLS FOR EXTERIOR DOWNLIGHTING SHALL BE SUPPLIED BY THE ELECTRICAL CONTRACTOR. PROVIDE INTERMATIC \*K402IC OR EQUAL.

PHOTOCELL TYPE CONTROLS FOR SIGNAGE SHALL BE PROVIDED AND INSTALLED BY THE SIGNAGE SUPPLIER / INSTALLER.

#### GNAGE

ALL ILLUMINATED SIGNAGE SHALL BE PROVIDED AND INSTALLED BY THE SIGNAGE VENDOR. ELECTRICAL CONTRACTOR SHALL PROVIDE POWER TO SIGN LOCATIONS AND DISCONNECT SWITCH AT SIGNAGE J-BOXES AS REQUIRED PER NEC.

#### ELECTRICAL WIRING AND RACEWAYS:

ALL WIRING SHALL BE COPPER TYPE THHN OR THUN AND SHALL BE NO SMALLER THAN #12 AWG.

ALL WIRING THIS SCOPE SHALL BE INSTALLED IN EMT UNLESS OTHERWISE APPROVED BY BANK OF AMERICA.

ALL RACEWAYS INSTALLED FOR LOW VOLTAGE SYSTEMS (TELECOMM, SECURITY, ETC) SHALL BE 3/4" EMT WITH PULLSTRING.

# ELECTRICAL DEVICES:

ALL DEVICES SHALL BE RATED FOR THE OVER CURRENT PROTECTION. VERIFY FINISHES AND DEVICE TYPES WITH BANK OF AMERICA PRIOR TO ORDERING, / BID. ENSURE GROUND FAULT DEVICES PER CODE AND ENSURE W.P. DEVICES ON EXTERIOR WALLS AND ON ROOF, IF APPLICABLE ALL DEVICES SHALL BE RATED FOR USE IN SPECIAL OCCUPANCY USE AND LOCATIONS.

FINAL PLACEMENT AND MOUNTING HEIGHT OF DEVICES SHALL BE COORDINATED WITH BANK OF AMERICA.

#### LISTED MATERIA

ALL WIRING, DEVICES AND FIXTURES SHALL BE UL LISTED OR BY LISTED BY A RECOGNIZED NATIONAL TESTING. LABORATORY

#### MECHANICAL EQUIPMENT:

REFER TO MECHANICAL SHOP DRAWINGS FOR EQUIPMENT LOCATIONS, EQUIPMENT SCHEDULE AND COORDINATE VOLTAGES AND NAMEPLATE OVER CURRENT PROTECTION. VERIFY UNITS FURNISHED WITH DISCONNECTS, STARTERS, ETC, IF APPLICABLE. ENSURE WIRE AND FUSE / BREAKER SIZES FOR UNITS. PROVIDE MAINTENANCE RECEPTACLES WHERE REQUIRED.

#### SECURITY SYSTEM:

SECURITY SYSTEM DESIGN IS EXCLUDED FROM THESE DRAWINGS AND WILL BE PROVIDED BY THE SYSTEM SUPPLIER AS SELECTED BY BANK OF AMERICA. PROVIDE DEDICATED POWER SUPPLY AND NECESSARY CONDUITS NEEDED FOR SYSTEM WIRING. COORDINATE THESE REQUIREMENTS WITH THE SUPPLIERS DESIGN DRAWINGS PRIOR TO WORK.

# TELECOMMUNICATIONS SYSTEM:

TELECOMMUNICATIONS SYSTEM DESIGN IS EXCLUDED FROM THESE DRAWINGS AND WILL BE PROVIDED BY BANK OF AMERICA. INSTALLATION SHALL BE PROVIDED BY THE TELECOMMUNICATIONS SUPPLIER AS SELECTED BY BANK OF AMERICA.

PROVIDE DEDICATED POWER SUPPLY AND NECESSARY CONDUITS NEEDED FOR SYSTEM WIRING, COORDINATE THESE REQUIREMENTS WITH THE TELECOMMUNICATION DESIGN DRAWINGS PRIOR TO WORK.

# CONSTRUCTION DOCUMENTS

A PROFESSIONAL ENGINEER SHALL PREPARE FINAL ELECTRICAL CONSTRUCTION DOCUMENTS FOR BUILDING DEPARTMENT PLAN REVIEW AND PERMIT SUBMITTAL FOR EACH KIOSK LOCATION INCLUDING A SITE-SPECIFIC ELECTRICAL ONE LINE DIAGRAM, FAULT CURRENT CALCULATIONS AND LOCAL UTILITY COMPANY COORDINATION. ELECTRICAL SERVICE LOCATION, PHYSICAL ARRANGEMENT AND UTILITY SECONDARY FEEDERS SHALL BE COORDINATED WITH THE AUTHORITY HAVING JURSIDICTION AND LOCAL ELECTRICAL UTILITY.

# PERMITS AND INSPECTIONS

CONTRACTOR SHALL BE RESONSIBLE FOR OBTAINING ALL REQUIRED PERMITS AND LICESNURE AS NEEDED TO COMPLETE THIS SCOPE OF WORK IN THE SPECIFIC JURISDICTION IN WHICH IT IS TAKING PLACE.

ALL WORK PERFORMED SHALL BE PER THE DRAWINGS SUPPLIED BY THE PROFESSIONAL ENGINEER OF RECORD, WHICH SHALL SUPERCEDE THESE DRAWING IN THEIR TOTALITY. ALL WORK IS SUBJECT TO LOCAL BUILDING INSPECTION IN ACCORDANCE WITH THE STAMPED RECORD DRAWINGS.

#### WARRANTY

CONTRACTOR SHALL UNCONDITIONALLY WARRANT ALL WORK (MATERIALS AND LABOR) PERFORMED FOR THIS SCOPE FOR A PERIOD OF ONE YEAR AFTER THE FINAL ACCEPTANCE BY BANK OF AMERICA.



Project Title

BANK OF AMERICA

MONIGLE APPROVED 08/08/17

Date 02.21.17

AGI EoR M. SMITH
Lead Drafter GI M

Drawn By GLM
Project Mgr. K. GREER

General Sign Specifications

☐ Interior

Single Faced Double Faced

Non-Illuminated

Illuminated

120 Volts

Exterior

Windload \_

TO MONIGLE S1, S2, S3 DWG DATED 10.18.17

WATRONIX HEATER/AC UNIT

D WAYFINDING, CENTERED LOGO & REPLACED INFILL W/ ACM
SE UPDATES

TED ROOF AND SHIPPING STAND DIMS.

EW GAS LIFTER DETAILS

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Type

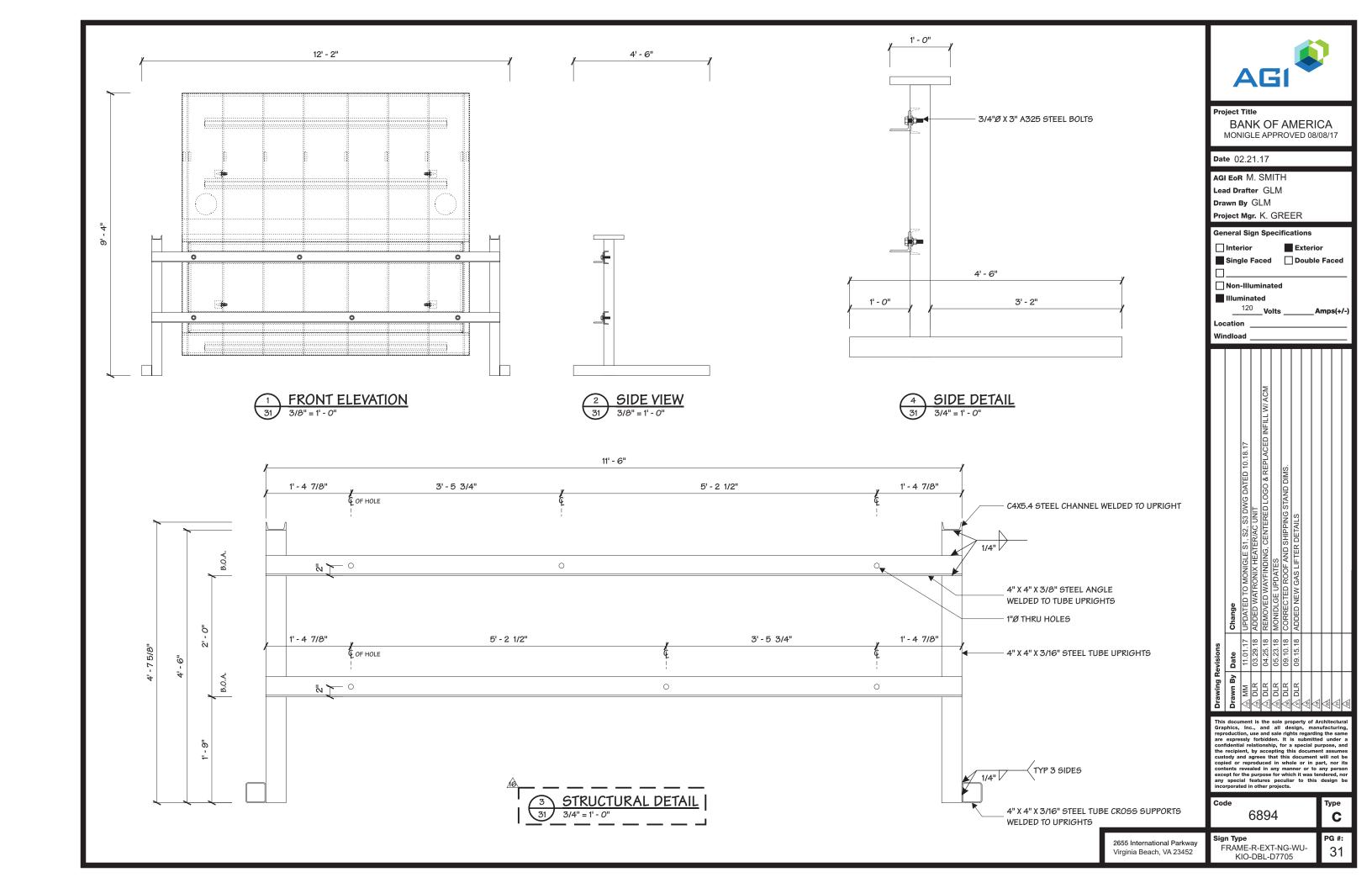
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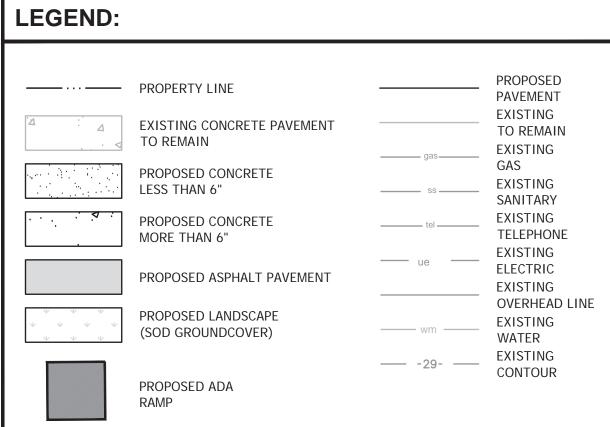
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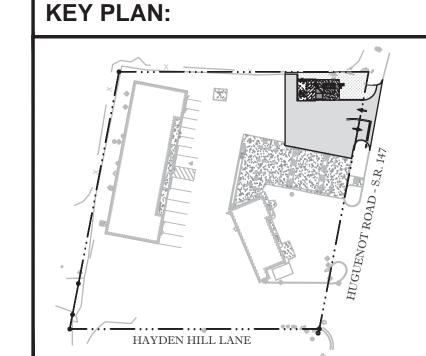
Sign Type FRAME-R-EXT-NG-WU-KIO-DBI -D7705

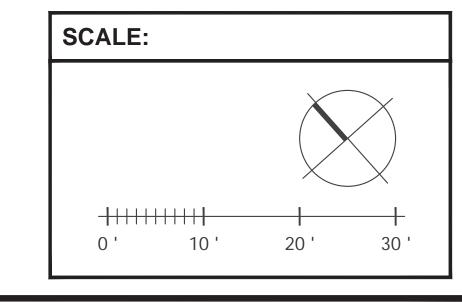






KEYI	ED NOTES:
1	NEW ATM FOUNDATION / CONCRETE SLAB. SEE ARCHITECTURAL DRAWINGS.
2	NEW WALK UP ATM SYSTEM AND REQUIRED BOLLARDS. SEE ARCHITECTURAL DRAWINGS.
3	NEW 6" BOLLARD(S) (TYPICAL OF 5). SEE DETAIL, SHEET C12.02.
4	NEW ASPHALT PAVEMENT. SEE GRADING PLAN & DETAILS, SHEETS C03.01 & C12.01.
5	NEW 6-INCH TINTED BLACK CONCRETE PAVEMENT. SEE GRADING PLAN & DETAILS, SHEETS C03.01 & C12.01.
6	NEW CONCRETE SIDEWALK. MAXIMUM 1:48 SLOPES IN ALL DIRECTIONS. SEE GRADING PLAN & DETAILS, SHEETS C03.01 & C12.01.
7	NEW ADA RAMP. MAXIMUM 1:48 CROSS AND 1:12 RUNNING SLOPES. 5' IN LENGT LEVEL LANDING SHALL BE PROVIDED AT TOP AND BOTTOM. SEE GRADING PLAN 8 DETAILS, SHEETS C03.01 & C12.01.
8	SAWCUT A 1/4" CONTROL JOINT IN NEW SIDEWALK AS SHOWN. NEW CONTROL JOEPTH MUST BE A MINIMUM OF 25% OF THE OVERALL SLAB DEPTH AND BE PERF WITHIN 12 HR OF POUR. (TYPICAL). SEE DETAILS, SHEET C12.01.
9	EXPANSION JOINTS (TYPICAL). SEE DETAILS, SHEET C12.01.
10	NEW 6"X18" VERTICAL CURB (TYPICAL). 3' TRANSITION AS NOTED ON PLAN. SEE DETAILS, SHEET C12.01.
11)	NEW CONCRETE WHEEL STOP. SEE DETAILS, SHEET C12.01.
12	NEW VAN ACCESSIBLE HANDICAP SIGN. SEE DETAILS, SHEET C12.02.
13)	NEW HANDICAP PARKING SPACE AND ACCESS AISLE. SEE DETAILS, SHEET C12.01
14)	NEW CURB/SIDEWALK PAINTING (2-COATS). 4-INCH "SAFETY YELLOW" ON TOP A COMPLETE FACE OF SIDEWALK.
(15)	NEW "WHITE" PAINTED DIRECTIONAL ARROWS.
(16)	NEW 24-INCH "WHITE" PAINTED STOP BAR.
17)	NEW 6-INCH "DOUBLE YELLOW" PAINTED STRIPING.
18	NEW R1-1 "STOP" SIGN. SEE DETAILS, SHEET C12.02.
19	CLEAN FILL AND SOD TO MATCH EXISTING.
(20)	NEW LIGHT POLE. SEE ELECTRICAL SHEETS FOR SPECIFICATIONS AND DETAILS.







8762 W. HUGUENOT ROAD RICHMOND, VA

SERIAL NUM./MANH. ID: VAW-419 NRSP VERSION: 2.0 BULLETIN: 01-2019

# Gensler

214 North Tryon Street Suite 2320 Charlotte, NC 28202 United States

Tel 704.377.2725 Fax 704.377.2807



 $\frac{\text{INFINITY ENGINEERING}}{\text{GROUP, LLC}}$ 

Infinity Engineering Group, PLLC 1336 Harding Place Charlotte, NC 28204 Contact: Kiffin Walker Kiffin.Walker@iegroup.net Tel 813.434.4770 Certificate of Authorization #0407006113



CBRE Third Party Project Management 1111 E. Main Street, Suite 1002 Richmond, VA 23219 Contact: Stephen Hruska

Tel 804 489 5028

△ Date Description

09/13/19 SPECIAL USE PERMIT REVIEW ⚠ 12/02/19 REVISED PER SUP COMMENTS

Seal / Signature

NISIT SAPPARKHAO, P.E. VA REG. NO. 402046149

Project Name

BON AIR- RATM

Project Number

059.6500.274 / 10-936.00

Description

SITE PLAN

NOT TO SCALE

C02.01

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