

CONSTRUCTION DOCUMENTS FOR

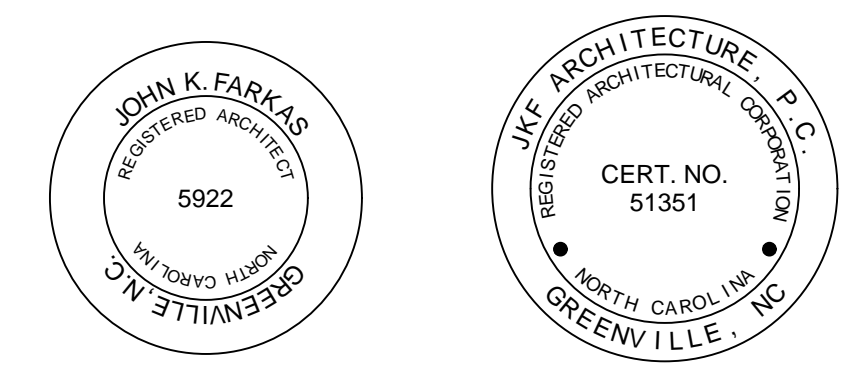
ELIZABETH CITY STATE UNIVERSITY

DIXON HALL

FACADE IMPROVEMENTS

ELIZABETH CITY, NC
JKF PROJECT NO. 2024-07

SCO ID NO. 24-28275-01A
OCTOBER 1, 2024



NESER & ROOMSBURG, PA
STRUCTURAL ENGINEERS
748 LORD DUNMORE DRIVE, STE. 101
VIRGINIA BEACH, VA 23464
757-474-0612

GENERAL PROJECT LEGEND		ARCHITECTURAL ABBREVIATIONS	
	REFERENCE NO.	APC	ACOUSTICAL PANEL CEILING
	DRAWING NO.	ADJ	ADJACENT
	DENOTES CHANGE IN FINISHED FLOOR MATERIAL	AFJ	ABOVE FINISHED FLOOR
	ELEVATION REFERENCE	AL	ALUMINUM
	DOOR ASSEMBLY DESIGNATION	ALT	ALTERNATE
	HARDWARE SET NO. DOOR GROUP NO.	AN	ANODIZED
	1 HOUR WALL	ATTN	ATTENUATION BOARD
	2 HOUR WALL	BLK	BLK G
	GENERAL NOTE REFERENCE	BLKT	BLANKET
	NUMBERS DESIGNATE DEMOLITION	BM	BEAM
	LETTERS DESIGNATE CONSTRUCTION	BOP	BOTTOM OF PLATE
	NEW CONSTRUCTION	BOS	BOTTOM OF STEEL
		BRG	BEARING
		CAB	CABINET
		CAP	CAPACITY
		CB	CATCH BASIN
		C	CENTERLINE
		CJ	CONTROL JOINT
		CLG HT	CEILING HEIGHT
		CLR	CLEAR
		CLG	CEILING
		CMU	CONCRETE MASONRY UNIT
		COL	COLUMN
		CONC	CONCRETE
		CONSTR	CONSTRUCTION
		CONT	CONTINUOUS
		CONTR	CONTRACTOR
		CT	CERAMIC TILE
		DWG	DRAWING
		EA	EACH
		EC	ELECTRICAL CONTRACTOR
		EF	EXHAUST FAN
		ELEC	ELECTRICAL
		ENCL	ENCLOSURE
		EOS	EDGE OF SLAB
		EWC	ELECTRIC WATER COOLER
		EXIST	EXISTING
		EXPD	EXPOSED
		EXP JT	EXPANSION JOINT
		EXT	EXTERIOR
		FDN	FOUNDATION
		FE	FIRE EXTINGUISHER
		FFE	FINISHED FLOOR ELEVATION
		FL	FLOOR
		FRP	FIBERGLASS REINFORCED POLYESTER
		FT	FIRE RETARDANT TREATED
		FTG	FOOTING
		FUR	FURRING
		GA	GAUGE
		GAL	GALLON
		GALV	GALVANIZED
		GB	GRAB BAR
		GC	GENERAL CONTRACTOR
		GL	GLASS
		GN	GENERAL NOTE
		GYP BD	GYPSUM BOARD
		HDW	HARDWARE
		HM	HOLLOW METAL
		HT	HEIGHT
		HVAC	HEATING, VENTILATION, AIR CONDITIONING
		INT	INTERIOR
		INSUL	INSULATION
		INV	INVERT
		JT	JOINT
		LAV	LAVATORY
		MANUF	MANUFACTURER
		MC	MECHANICAL CONTRACTOR
		MH	MANHOLE
		MECH	MECHANICAL
		MIN	MINIMUM
		MO	MASONRY OPENING
		MTD	MOUNTED
		MTL	METAL
		NTS	NOT TO SCALE
		NIC	NOT IN CONTRACT
		O/C	ON CENTER
		OH	OVERHANG
		OHD	OVERHEAD
		OPNG	OPENING
		PART	PARTITION
		PC	PLUMBING CONTRACTOR
		PCB	PAINTED GYPSUM BOARD
		PCBR	PAINTED GYPSUM BOARD WITH REVEAL
		PL	PLATE
		P	PAINTED
		REF	REFRIGERATOR
		REINF	REINFORCE / REINFORCING
		REQD	REQUIRED
		RM	ROOM
		RO	ROUGH OPENING
		RSW	RAIL & STILE WOOD
		SCHED	SCHEDULE
		SF	SQUARE FEET
		SIM	SIMILAR
		SPECS	SPECIFICATIONS
		SS	STAINLESS STEEL
		STD	STANDARD
		STL	STEEL
		STRUCT	STRUCTURE / STRUCTURAL
		SUSP	SUSPENDED
		TC	TOP CURB
		TF	TRANSPARENT FINISH
		TG	TOP GRATE
		TEMP	TEMPERED
		THK	THICK
		TJ	TOP OF JOIST
		TOM	TOP OF MASONRY
		TOP	TOP OF PLATE
		TOS	TOP OF SLAB
		TOW	TOP OF WALL
		TYP	TYPICAL
		T/S	TOP OF STEEL
		TS	TUBE STEEL
		UNO	UNLESS OTHERWISE NOTED
		VAR	VARIABLE
		VERT	VERTICAL
		VIF	VERIFY IN FIELD
		WD	WOOD
		WDW	WINDOW
		WSC	WOOD SOLID CORE
		WWF	WELDED WIRE FABRIC
		W/	WITH

2018 APPENDIX B BUILDING CODE SUMMARY FOR ALL COMMERCIAL PROJECTS (EXCEPT 1 AND 2-FAMILY DWELLINGS AND TOWNHOUSES) (Reproduce the following data on the building plans sheet 1 or 2)

Name of Project: ECSU DIXON FAÇADE REPLACEMENT
Address: 1704 WEEKSVILLE ROAD, ELIZABETH CITY, NC Zip Code 27909
Owner/Authorized Agent: RYAN STRICKLAND Phone # (252) 567-8608 E-Mail restrickland@ccsu.edu
Owned By: State
Code Enforcement Jurisdiction: State

CONTACT: John K. Farkas, AIA
DESIGNER: FIRM: JK F NAME: John K. Farkas, LICENSE #: NC 5922 TELEPHONE #: (252)355-1068 E-MAIL: jkf@jkf-arch.com
Architectural JK F Architecture AIA Kevin NC 022830 (757)474-0612 kmr@nrwengineering.com
Structural Nesar & Roomsburg, PE PA Engineering

2018 NC BUILDING CODE: Addition
2018 NC EXISTING BUILDING CODE: Alteration Level I
CONSTRUCTED: (date) 1977 **CURRENT OCCUPANCY(S)** (Ch. 3): B
RENOVATED: (date) 2003 AND 2010 **PROPOSED OCCUPANCY(S)** (Ch. 3): B
RISK CATEGORY (Table 1604.5): Current: II Proposed: II

BASIC BUILDING DATA – FAÇADE REPLACEMENT ONLY
Construction Type: L-B
Sprinklers: No
Standpipes: No
Primary Fire District: No **Flood Hazard Area:** No
Special Inspections Required: No

Gross Building Area Table			
FLOOR	EXISTING (SQ FT)	NEW (SQ FT)	SUB-TOTAL
2 nd Floor	17,213		
1 st Floor	17,213		
Basement			
TOTAL	34,426		34,426

ALLOWABLE AREA – N/A NO CHANGE TO OCCUPANCY
Primary Occupancy Classification(s): Business
Accessory Occupancy Classification(s): N/A
Incidental Uses (Table 509): N/A
Special Uses (Chapter 4 – List Code Sections): N/A
Special Provisions: (Chapter 5 – List Code Sections): N/A
Mixed Occupancy: No

STORY NO.	DESCRIPTION AND USE	(A) BLDG AREA PER STORY (ACTUAL)	(B) TABLE 506.2.4 AREA	(C) AREA FOR FRONTAGE INCREASE ^{1,2}	(D) ALLOWABLE AREA PER STORY OR UNLIMITED ^{2,3}
1	FIRST FLOOR	16,726	UL	N/A	UL
2	SECOND FLOOR	16,726	UL	N/A	UL

ALLOWABLE HEIGHT – N/A NO CHANGE

	ALLOWABLE	SHOWN ON PLANS	CODE REFERENCE ¹
Building Height in Feet (Table 504.3) ²	160	EXISTING 30'-0"	
Building Height in Stories (Table 504.4) ³	11	EXISTING 2 STORIES	

¹ Provide code reference if the "Shown on Plans" quantity is not based on Table 504.3 or 504.4.
² The maximum height of air traffic control towers must comply with Table 412.3.1.
³ The maximum height of open parking garages must comply with Table 406.5.4.

FIRE PROTECTION REQUIREMENTS – N/A NO INTERIOR CHANGES

BUILDING ELEMENT	FIRE SEPARATION DISTANCE (FEET)	RATING		DETAIL # AND SHEET #	DESIGN # FOR RATED ASSEMBLY	SHEET # FOR RATED PENETRATION	SHEET # FOR RATED JOINTS
		REQ'D	PROVIDED				
Structural Frame, including columns, girders, trusses							
Bearing Walls							
Exterior							
North							
East							
West							
South							
Interior							
Nonbearing Walls and Partitions							
Exterior walls							
North	>=30'	0					
East	>=30'	0					
West	>=30'	0					
South	>=30'	0					
Interior walls and partitions							
Floor Construction		2HR	EXISTING				
Including supporting beams and joists							
Floor Ceiling Assembly		0	EXISTING				
Columns Supporting Floors		2HR	EXISTING				
Roof Construction, including supporting beams and joists		1HR	EXISTING				
Roof Ceiling Assembly		0	EXISTING				
Columns Supporting Roof		2HR	EXISTING				
Shaft Enclosures - Exit		1HR	EXISTING				
Shaft Enclosures - Other		1HR	EXISTING				
Corridor Separation		N/A					
Occupancy/Fire Barrier Separation		N/A					
Party/Fire Wall Separation		N/A					
Smoke Barrier Separation		N/A					
Smoke Partition		N/A					
Tenant/Dwelling Unit/Sleeping Unit Separation		N/A					
Incidental Use Separation		N/A					

* Indicate section number permitting reduction

PERCENTAGE OF WALL OPENING CALCULATIONS – N/A NO CHANGES

LIFE SAFETY SYSTEM REQUIREMENTS – N/A NO INTERIOR CHANGES

LIFE SAFETY PLAN REQUIREMENTS – N/A NO INTERIOR CHANGES

ACCESSIBLE DWELLING UNITS – N/A (SECTION 1107)

ACCESSIBLE PARKING – N/A NO CHANGES (SECTION 1106)

PLUMBING FIXTURE REQUIREMENTS – N/A NO INTERIOR CHANGES (TABLE 2902.1)

SPECIAL APPROVALS
Special approval: (Local Jurisdiction, Department of Insurance, OSC, DPI, DHHS, etc., describe below)
SCO

ENERGY REQUIREMENTS:
The following data shall be considered minimum and any special attribute required to meet the energy code shall also be provided. Each Designer shall furnish the required portions of the project information for the plan data sheet. If performance method, state the annual energy cost for the standard reference design vs annual energy cost for the proposed design.
Existing building envelope complies with code: Yes (The remainder of this section is not applicable)

2018 APPENDIX B BUILDING CODE SUMMARY FOR ALL COMMERCIAL PROJECTS STRUCTURAL DESIGN (PROVIDE ON THE STRUCTURAL SHEETS IF APPLICABLE)

DESIGN LOADS:

Importance Factors: Snow (Is) L0
Seismic (Ie) L0

Live Loads: Roof 20 psf
Second Floor 80 psf
First Floor 100 psf

Ground Snow Load: L0 psf

Wind Load: Ultimate Wind Speed 122 mph (ASCE-7)
Exposure Category C

SEISMIC DESIGN CATEGORY: B
Provide the following Seismic Design Parameters:
Risk Category (Table 1604.5) II
Spectral Response Acceleration Ss 0.2 %g Sd 4.9 %g
Site Classification (ASCE 7) D Data Source: Presumptive
Basic structural system N/A
Analysis Procedure: N/A
Architectural, Mechanical, Components anchored? N/A

LATERAL DESIGN CONTROL: Wind

SOIL BEARING CAPACITIES:
Existing Record Drawings 2500 psf

MATERIALS KEYING LEGEND

DRAWING INDEX:
TO.1 TITLE SHEET
BC1.1 BUILDING CODE ANALYSIS, LEGENDS, SYMBOLS & ABBREVIATIONS

ARCHITECTURAL
A1.1 FIRST FLOOR PLAN
A1.2 SECOND FLOOR PLAN
A1.3 ROOF PLAN
A2.1 EXTERIOR ELEVATIONS
A3.1 WALL SECTIONS
A6.1 EXTERIOR DETAILS

GENERAL NOTES

KEY PLAN

SCO ID NO. 24-28275-01A

NO	REVISION	DATE

JK F
ARCHITECTURE

625 LYNDALE CT., SUITE F, GREENVILLE, NC 27958 252-355-1048

ELIZABETH CITY STATE UNIVERSITY DIXON HALL
FAÇADE IMPROVEMENT
ELIZABETH CITY, NC

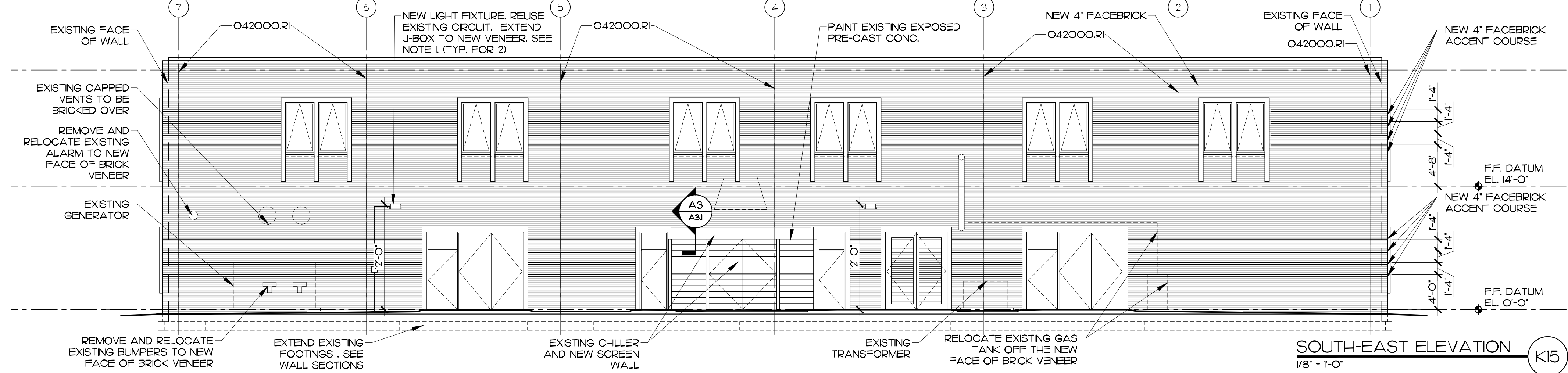
DRAWING TITLE
**BUILDING CODE ANALYSIS
LEGENDS, SYMBOLS
& ABBREVIATIONS**

SCALE: AS NOTED DRAWING NO. BC1.1

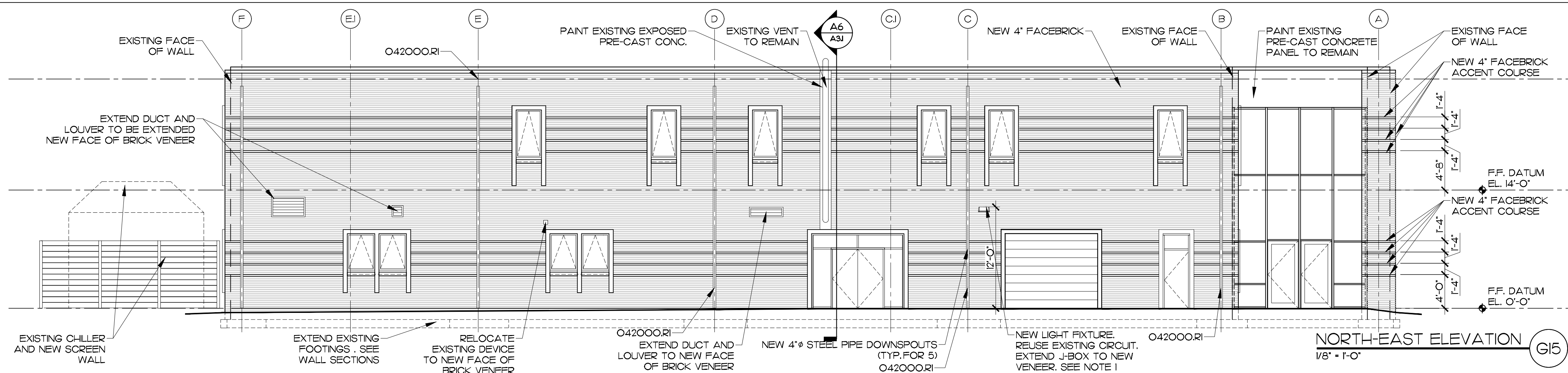
DRAWN: JRH
CHECKED: JKF
DATE: 10-1-2024
PROJECT NO.: 2024-07

BUILDING CODE PLAN A15
1/16\"/>

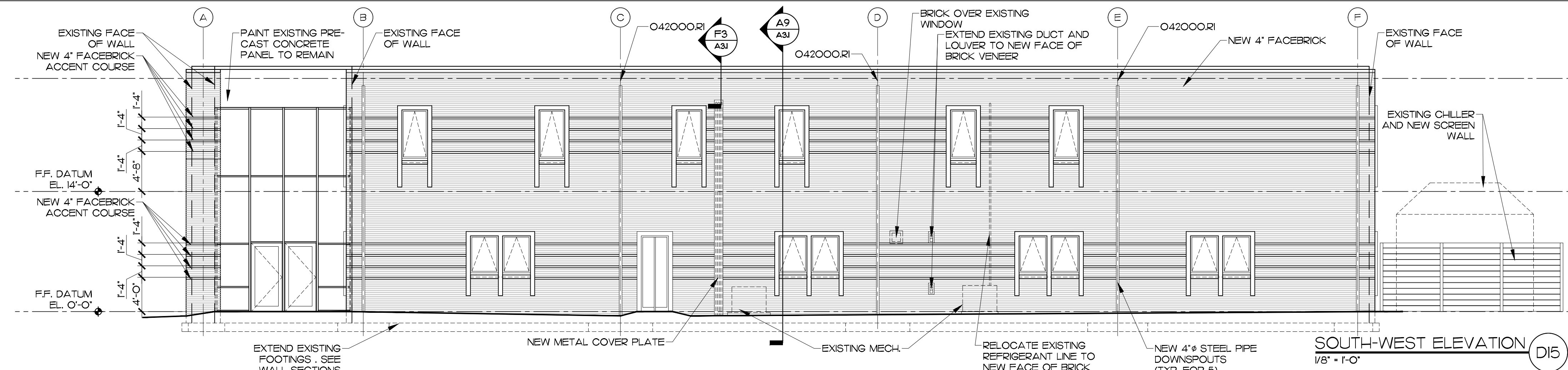
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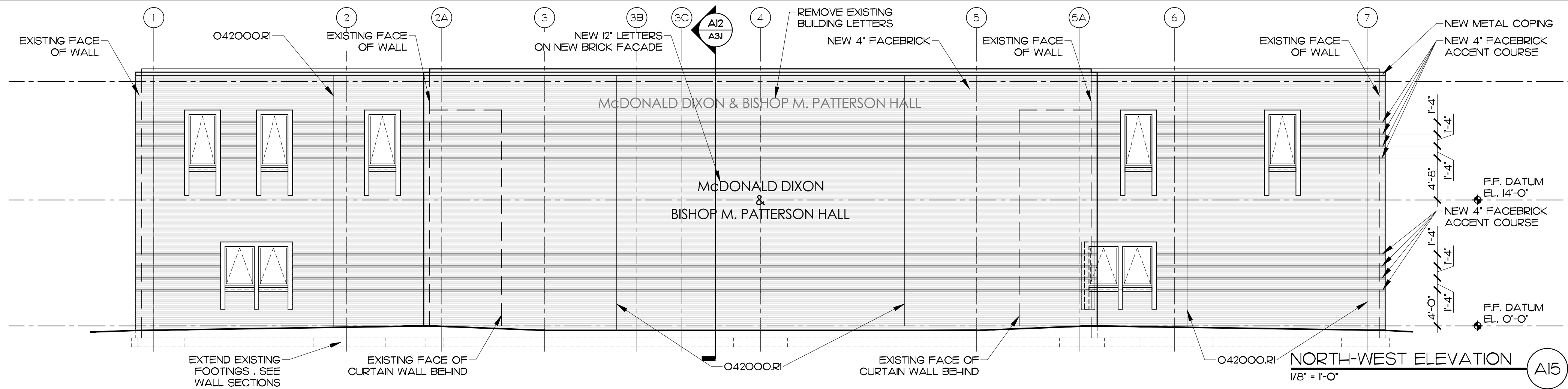
SOUTH-EAST ELEVATION
1/8" = 1'-0" (K15)



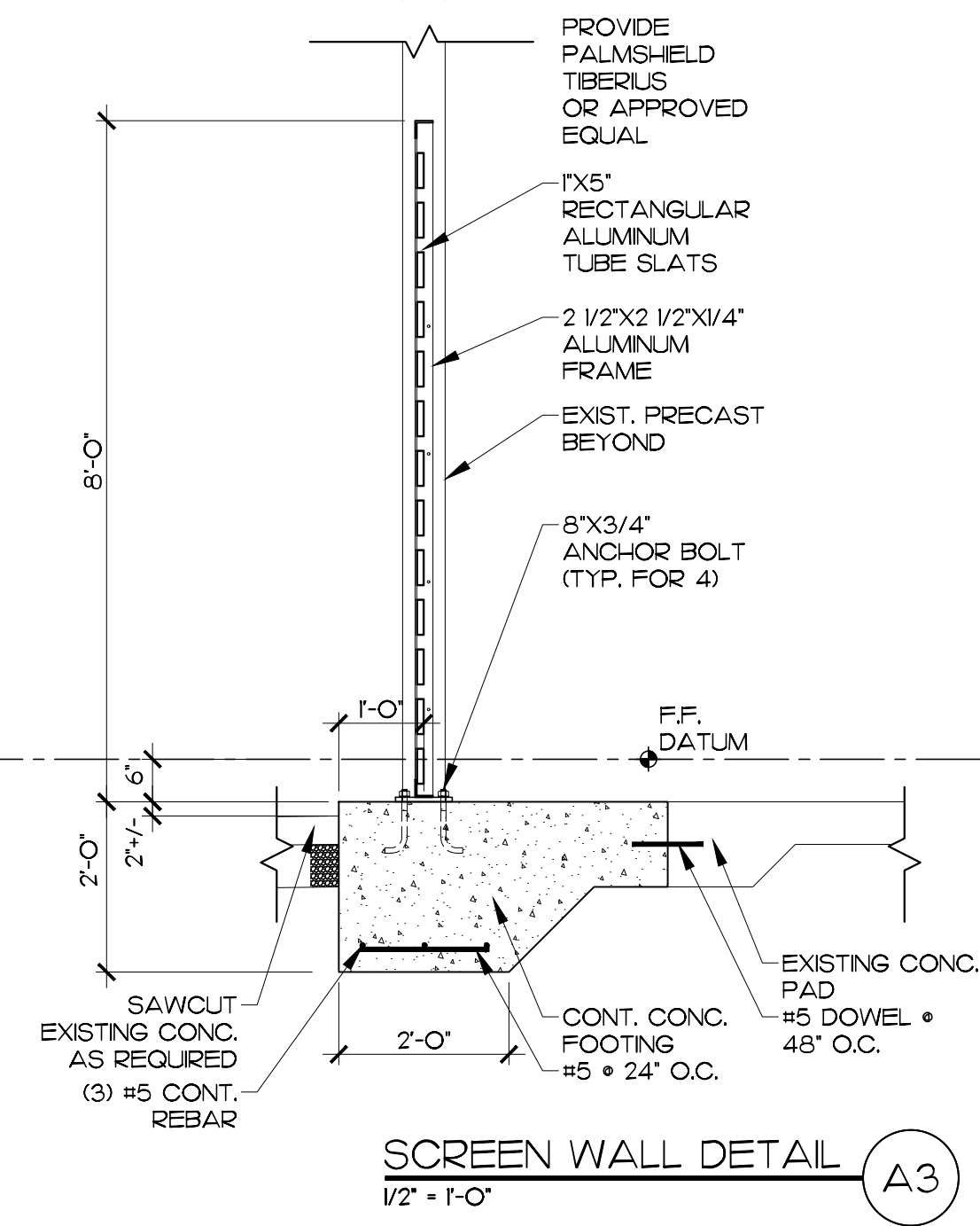
NORTH-EAST ELEVATION
1/8" = 1'-0" (G15)



SOUTH-WEST ELEVATION
1/8" = 1'-0" (D15)



NORTH-WEST ELEVATION
1/8" = 1'-0" (A15)



SCREEN WALL DETAIL
1/2" = 1'-0" (A3)

MATERIALS KEYING LEGEND

O42000.R1 - CONTROL JOINT

FOOTING DETAIL (A3)
BY STRUCTURAL ENGINEERS.

NRW ENGINEERING
Structural Consultants
748 Lord Dunmore Drive, Suite 101
Virginia Beach, VA 23464
Phone 757-474-0912
Fax 757-474-0919
NC license C-1393

GENERAL NOTES

- NEW LIGHT FIXTURE TO BE WDGFP2-LEDP2-40K-800CRJ OR EQUAL BY HUBBELL OR NLS. COLOR AS SELECTED BY ARCHITECT.
- ALL EXISTING AREAS DISTURBED BY NEW CONSTRUCTION SHALL BE REPAIRED OR REPLACED TO ORIGINAL CONDITION.
- ALL ELECTRICAL MODIFICATIONS/RELOCATIONS WILL BE DONE BY A LICENSED ELECTRICAL CONTRACTOR AND INSPECTED BY SCO ELECTRICAL.
- ALL MECHANICAL MODIFICATIONS/RELOCATIONS WILL BE DONE BY A LICENSED MECHANICAL CONTRACTOR.

KEY PLAN

SCO ID NO. 24-28275-01A

NO	REVISION	DATE

JOHN K. FARKAS
REGISTERED ARCHITECT
5922
GREENVILLE, N.C.

JKF ARCHITECTURE

625 LYNDALE CT., SUITE F, GREENVILLE, NC 27858 252-355-1048

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DRAWING TITLE
EXTERIOR ELEVATIONS

SCALE
1/8" = 1'-0"

DRAWN
JRH

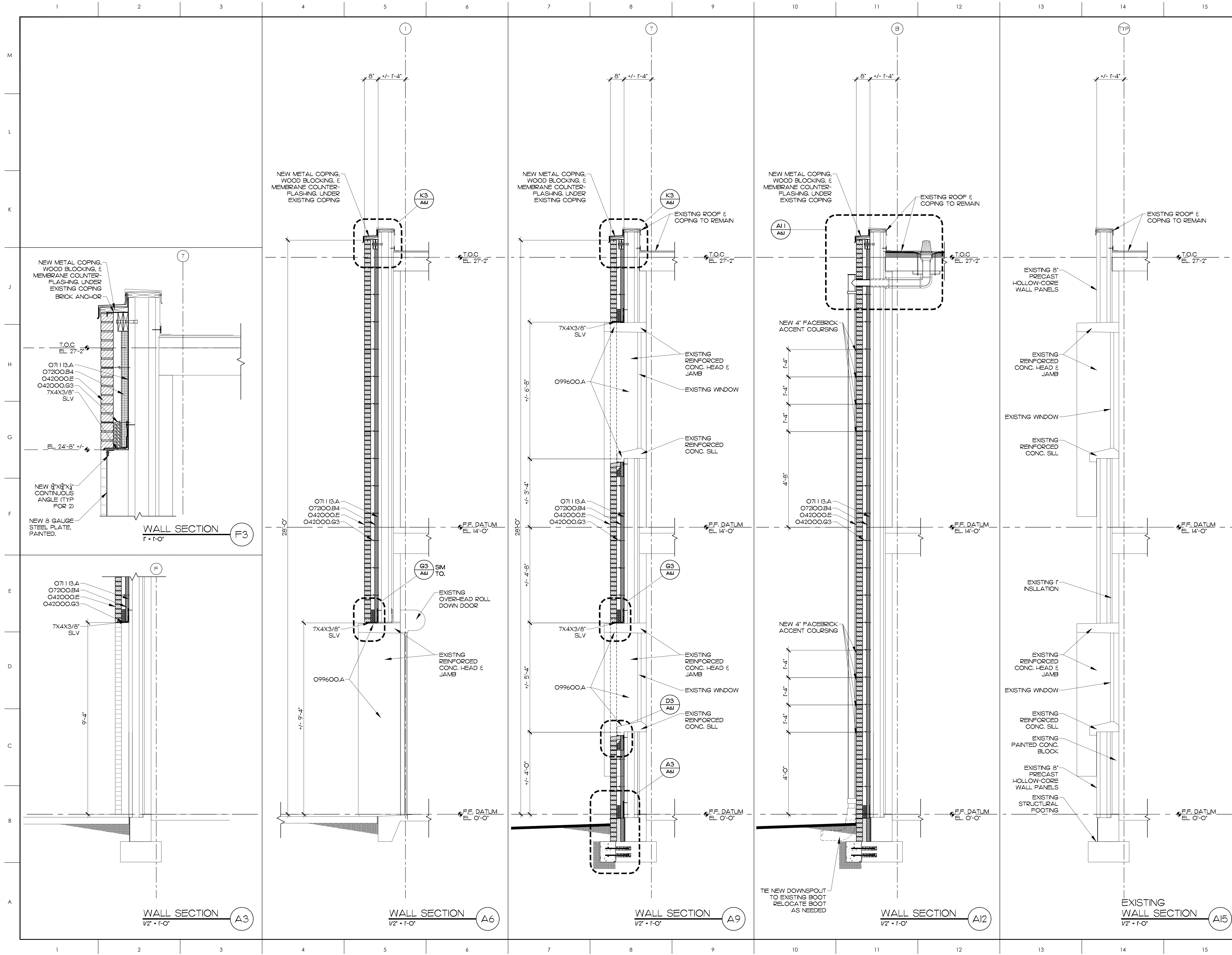
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JKF

DATE
10-1-2024

PROJECT NO.
2024-07

DRAWING NO.
A2.1

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MATERIALS KEYING LEGEND

- 042000E - FACE BRICK
- 042000G3 - HORIZONTAL JOINT REINF. AT 16" VERT. & BRICK TIE EYES AT 24" O.C. HORIZ.
- 07113.A - BITUMINOUS DAMPROOFING
- 07200B4 - 2" RIGID INSULATION
- 099600.A - HIGH PERFORMANCE COATING SYSTEM

PROFESSIONAL SEAL

NRW ENGINEERING
Structural Consultants
748 Lord Dunmore Drive, Suite 101
Virginia Beach, VA 23464
Phone 757-474-0812 Fax 757-474-0919
NC license C-1393

GENERAL NOTES

1. ALL WORK SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE BUILDING CODES AND SPECIFICATIONS.

2. ALL MATERIALS SHALL BE APPROVED BY THE ARCHITECT PRIOR TO INSTALLATION.

3. ALL WORK SHALL BE COMPLETED WITHIN THE SPECIFIED TIME FRAME.

4. ALL WORK SHALL BE COMPLETED WITHIN THE SPECIFIED BUDGET.

5. ALL WORK SHALL BE COMPLETED WITHIN THE SPECIFIED QUALITY STANDARDS.

KEY PLAN



SCO ID NO. 24-28275-01A

NO	REVISION	DATE

PROFESSIONAL SEAL

JOHN K. FARKAS
REGISTERED ARCHITECT
5922
GREENVILLE, N.C.

JKF
ARCHITECTURE

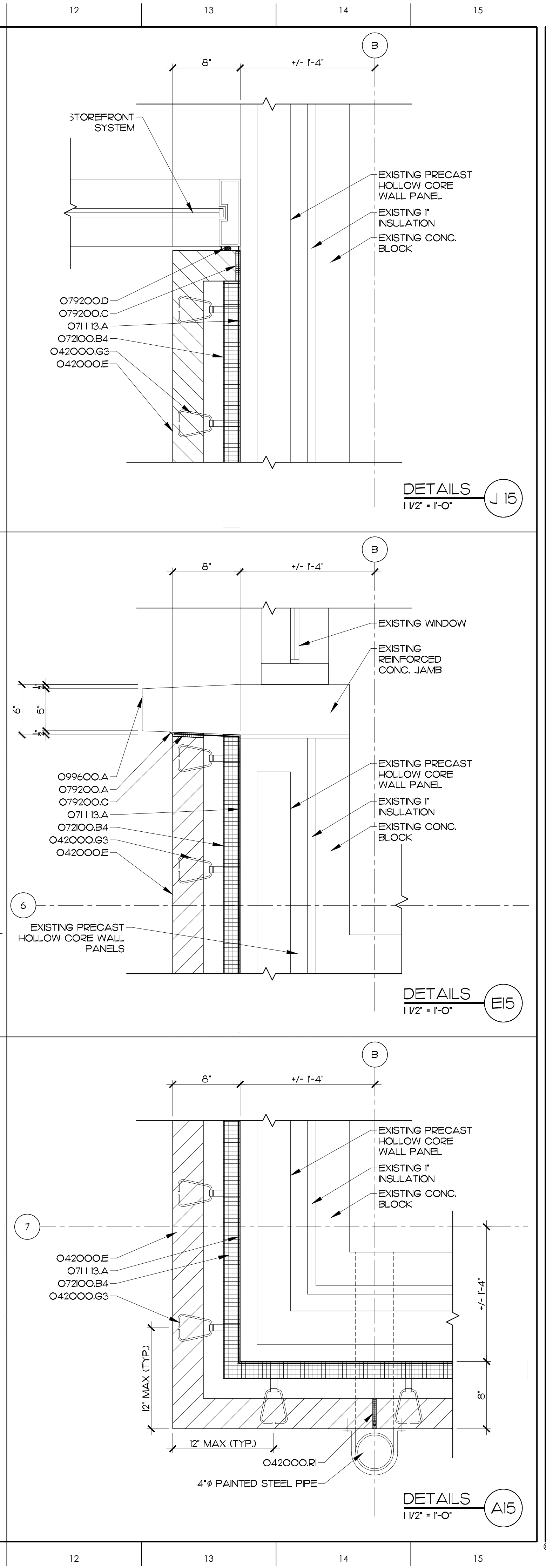
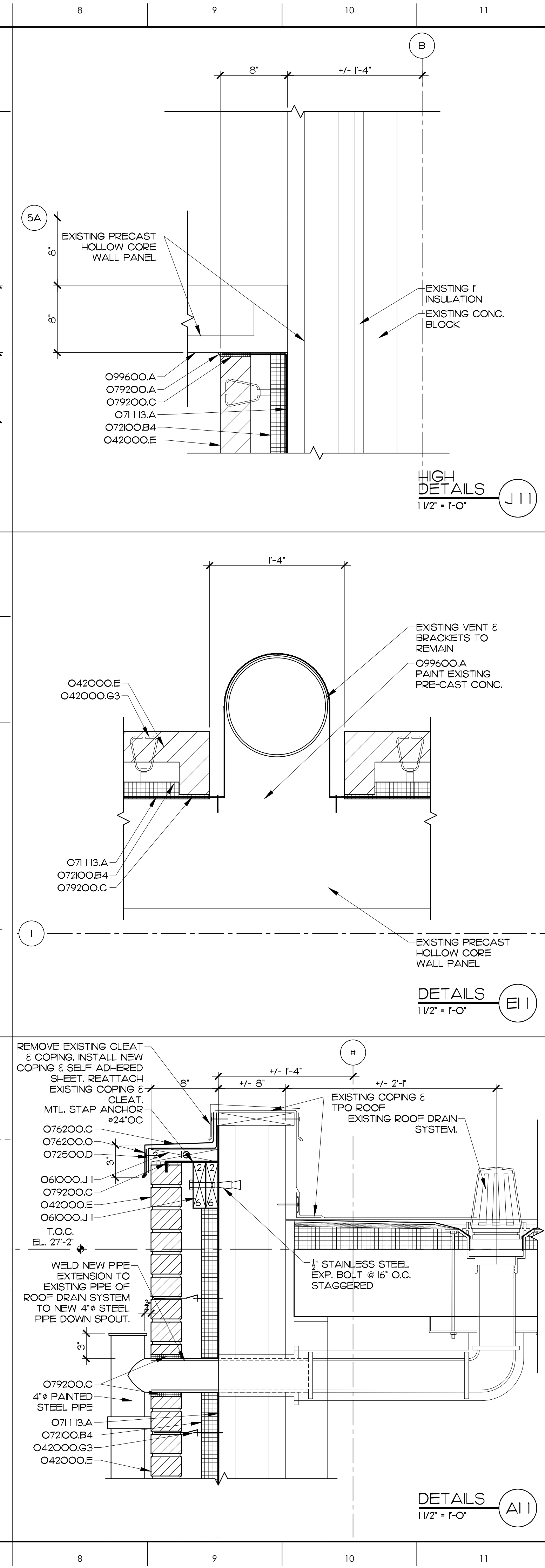
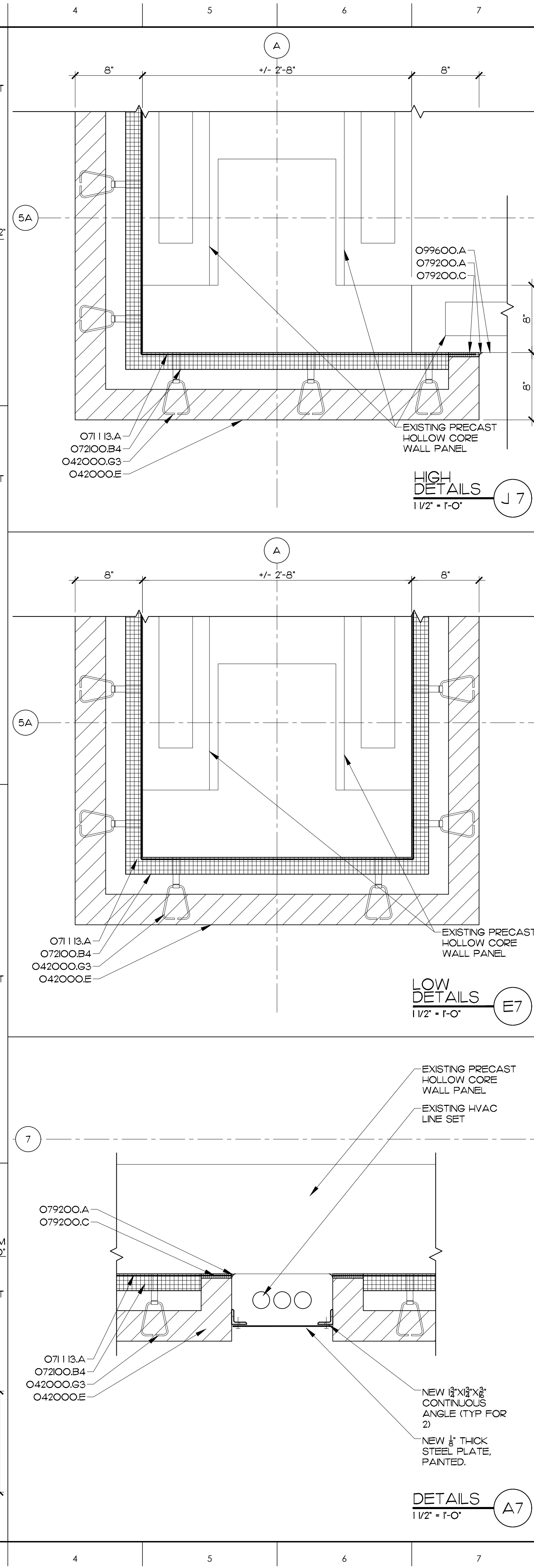
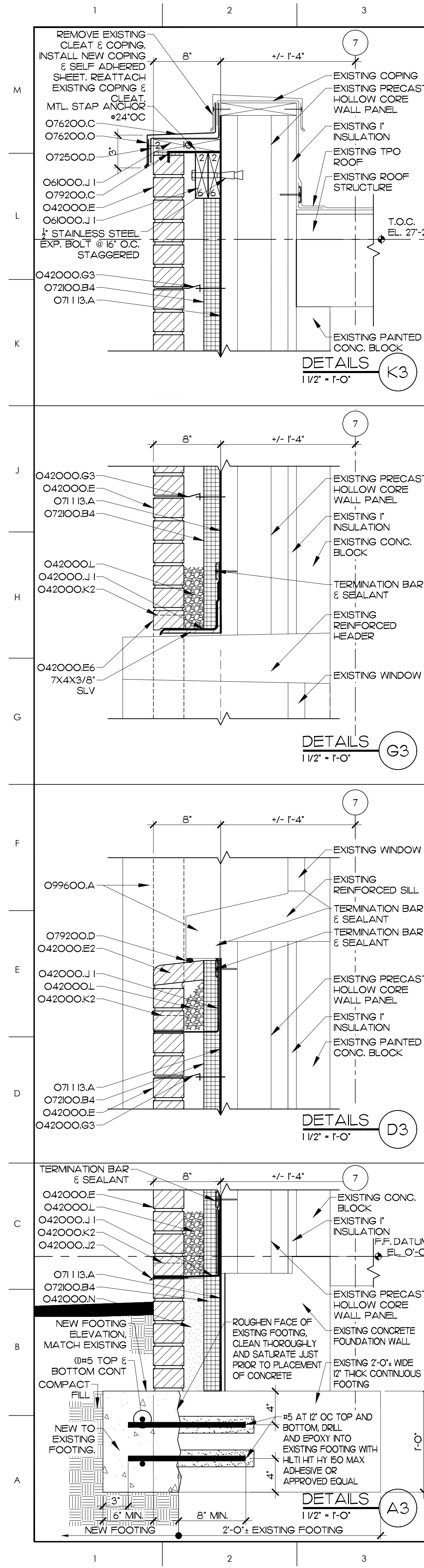
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ELIZABETH CITY, NC

DRAWING TITLE

WALL SECTIONS

SCALE	AS NOTED	DRAWING NO.	A3.1
DRAWN	MBD		
CHECKED	JKF		
DATE	10-1-2024		
PROJECT NO.	2023-04		



MATERIALS KEYING LEGEND

- 042000E - FACE BRICK
- 042000E2 - FACE BRICK, SPECIAL SHAPE BULLNOSE HEADER
- 042000E6 - FACE BRICK, SELF BRICK
- 042000G3 - HORIZONTAL JOINT REINF. AT 16" VERT. & BRICK TE EYES AT 24" O.C. HORIZ.
- 042000J1 - THRU-WALL FABRIC FLASHING
- 042000J2 - METAL DRIP FLASHING
- 042000K2 - WEEP SLOTS AT 16" O.C.
- 042000L - CAVITY DRAINAGE MATERIAL
- 042000N - GROUT SOLID
- 042000R1 - CONTROL JOINT
- 061000J1 - WOOD BLOCKING AS NOTED
- 07113.A - BITUMINOUS DAMPROOFING
- 07200B4 - 2" RIGID INSULATION
- 072500D - SELF-ADHERING SHEET
- 076200C - METAL COPING, SPECIAL SHAPE
- 076200O - CONTINUOUS CLEAT
- 079200A - SEALANT
- 079200C - COMPRESSIBLE SEALER W/ADHESIVE
- 079200D - BACKER ROD & SEALANT
- 099600A - HIGH PERFORMANCE COATING SYSTEM

FOOTING DETAIL (A3)
BY STRUCTURAL ENGINEERS.

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Phone 757-474-0812
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GENERAL NOTES

KEY PLAN

SCO ID NO. 24-28275-01A

NO REVISION DATE

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5922
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JKF
ARCHITECTURE

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ELIZABETH CITY, NC

DRAWING TITLE
PLAN & WALL DETAILS

SCALE
3" = 1'-0"

DRAWN
JRH

CHECKED
JKF

DATE
10-1-2024

PROJECT NO.
2024-07

A6.1

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