

OWNER:
CITY OF PORTSMOUTH

1 Junkins Avenue
Portsmouth, NH 03801

ARCHITECT:
Lavallee Brensinger Architects
155 Dow Street, Suite 400
Manchester, NH 03101
603.622.5450
www.LBPA.com

CIVIL ENGINEER:
Tighe & Bond, Inc
177 Cororate Drive
Portsmouth, NH 03801
603-433-8818
www.tighebond.com

STRUCTURAL ENGINEER:
Becker Structural Engineers
75 Yourk Street
Portland, Maine 04101
207-879-1838
www.beckerstructural.com

MECHANICAL / ELECTRICAL / PLUMBING / FIRE PROTECTION
Allied Engineering Inc.
160 Veranda Street
Portland, Maine 04103
207-221-2260
www.allied-eng.com

FOR ADDITIONAL INFORMATION, REFER TO PROJECT MANUAL.

DRAWING LIST - CIVIL	
C-101	EXISTING CONDITIONS / DEMOLITION PLAN
C-102	SITE PLAN
C-501	DETAIL SHEET
DRAWING LIST - ARCHITECTURAL	
0-Demo	
AD1.0	BASEMENT LEVEL DEMOLITION PLAN
AD1.1	LEVEL 1 DEMOLITION PLAN
AD1.2	LEVEL 2 DEMOLITION PLAN
AD1.3	LEVEL 3 DEMOLITION PLAN
AD1.4	LEVEL 4 DEMOLITION PLAN
AD1.5	LEVEL - ROOF DEMOLITION PLAN
AD2.1	EXTERIOR ELEVATIONS - DEMOLITION
AD2.2	EXTERIOR ELEVATIONS - DEMOLITION
1-New Construction	
A0.1	LEGENDS, SYMBOLS, NOTES, PARTITION TYPES
A0.3	CURTAINWALL, DOOR AND FRAME TYPES & DETAILS
A0.4	CURTAINWALL AND FRAME TYPES
A1.0	BASEMENT PLAN
A1.1	LEVEL 1 PLAN
A1.2	LEVEL 2 PLAN
A1.3	LEVEL 3 PLAN
A1.4	LEVEL 4 PLAN
A1.5	LEVEL - ROOF PLAN
A2.1	EXTERIOR ELEVATIONS
A2.2	EXTERIOR ELEVATIONS
A2.4	BUILDING SECTIONS
A3.1	WALL SECTIONS
A3.2	WALL SECTIONS & DETAILS
A3.3	WALL SECTIONS & DETAILS
A3.4	WALL SECTIONS
A3.5	WALL SECTIONS & DETAILS
A3.6	WALL SECTIONS & DETAILS
A3.7	WALL SECTION DETAILS
A4.1	ENLARGED PLANS - PD LOBBY
A5.1	PLAN DETAILS
AI1.0	GENERAL NOTES, LEGENDS, ROOM FINISH SCHEDULES, PD ENTRANCE FLOOR PLAN - FINISHES
DRAWING LIST - STRUCTURAL	
S1.0	GENERAL NOTES
S1.1	FOUNDATION & ROOF FRAMING PLAN P.D. LOBBY
S1.2	EXTERIOR ELEVATIONS
S1.3	EXTERIOR ELEVATIONS
S3.1	FRAMING SECTIONS & DETAILS
S3.2	FRAMING SECTIONS & DETAILS
DRAWING LIST - MECHANICAL	
M-101	HVAC Elevations
M-201	Enlarged PD Entrance HVAC Plans
DRAWING LIST - ELECTRICAL	
E-100	ELECTRICAL SPECIFICATIONS & SCHEDULES
E-101	ELECTRICAL ELEVATIONS
E-201	ENLARGED PD ENTRANCE ELECTRICAL REMOVALS, LIGHTING, POWER, AND SYSTEMS PLANS

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DEMOLITION LEGEND:

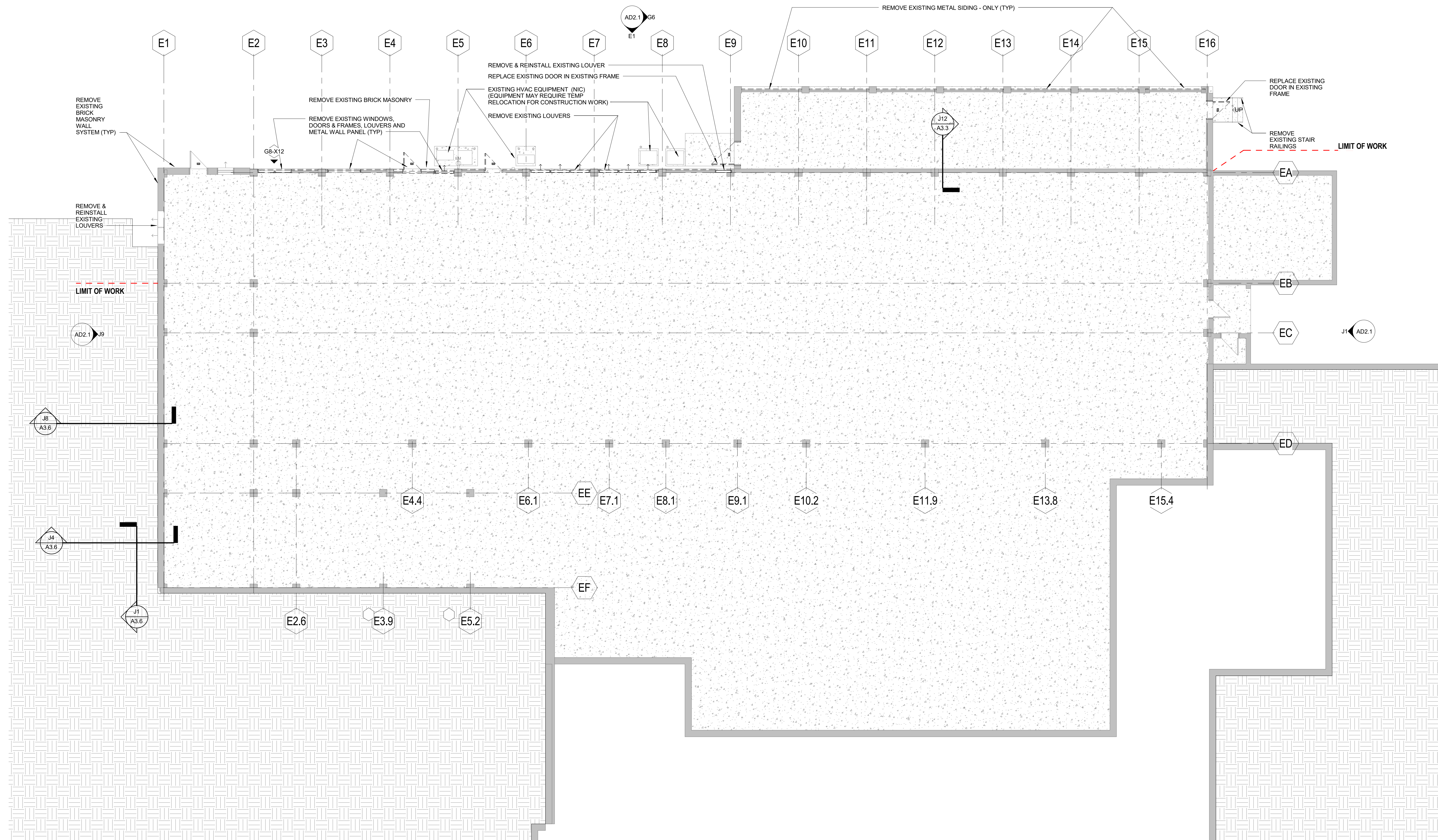
- EXISTING CONSTRUCTION TO REMAIN
- - - - EXISTING CONSTRUCTION TO BE REMOVED

DEMOLITION NOTES:

GENERAL NOTES:

1. THE DEMOLITION PLANS AND ELEVATIONS ILLUSTRATE THE CONCEPT OF THE ARCHITECTURAL DEMOLITION. THEY ARE NOT INTENDED TO BE A COMPLETE REPRESENTATION OF ALL DEMOLITION WORK REQUIRED. ALL DRAWINGS AND SPECIFICATIONS ARE TO BE CONSIDERED WHEN DETERMINING THE SCOPE OF DEMOLITION FOR THE PROJECT. IT IS THE INTENT OF THE DRAWINGS AND SPECIFICATIONS TO REQUIRE DEMOLITION OF ALL BUILDING ELEMENTS AS NECESSARY FOR THE INSTALLATION OF WORK REQUIRED BY THE SCOPE OF THIS PROJECT.

2. DASHED LINES GENERALLY REPRESENT ITEMS TO BE REMOVED. IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY EXACT LIMITS AND DETAILS OF REQUIRED DEMOLITION AND COORDINATE WITH PLANS AND DETAILS.
3. REMOVE PARTITIONS TO STRUCTURE ABOVE, UNLESS OTHERWISE INDICATED BY CONSTRUCTION DETAILS.
4. REMOVE MASONRY FOR NEW OPENINGS AS REQUIRED FOR THE INSTALLATION OF NEW LINTELS.
5. REMOVE DOORS, FRAMES AND HARDWARE INCLUDING SIDELIGHTS, TRANSOMS AND THRESHOLDS WHERE DOORS ARE SHOWN DASHED, UNLESS OTHERWISE INDICATED.
6. REMOVE PORTIONS OF ALL SUSPENDED CEILINGS FOR THE INSTALLATION OF NEW WORK TO BE DONE ABOVE CEILINGS, UNLESS OTHERWISE INDICATED. SAVE USABLE COMPONENTS FOR REINSTALLATION WHERE CEILINGS ARE NOT BEING REPLACED.
7. REMOVE ALL MOUNTED ITEMS AND OTHER EQUIPMENT ON WALLS TO BE REMOVED OR FLURRED. IF ITEMS AND EQUIPMENT ARE NOT NOTED TO BE REINSTALLED, REVIEW WITH THE OWNER WISHES OPTIONS TO RETAIN BEFORE TRASHING.
8. REMOVE CONCRETE SLABS AND FILLS AS REQUIRED FOR INSTALLATION OF NEW STRUCTURAL FOUNDATIONS, MECHANICAL, ELECTRICAL AND PLUMBING SERVICES. SEE STRUCTURAL, MECHANICAL, ELECTRICAL AND PLUMBING DRAWINGS.



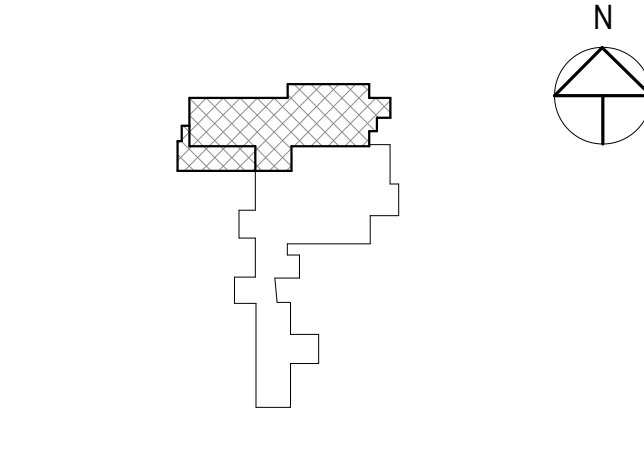
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**FAÇADE
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PORTSMOUTH CITY
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1 JUNKINS AVENUE
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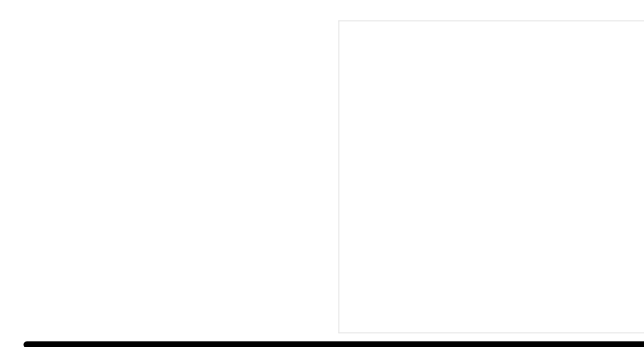
NO.	DESCRIPTION	DATE



FOR ADDITIONAL INFORMATION, REFER TO PROJECT MANUAL.

CONTENT: BASEMENT LEVEL DEMOLITION PLAN	
DRAWN BY:	Author
PROJECT NO.:	16-042-00
DATE:	02/17/2017
REVISED:	
SCALE:	As indicated
AD1.0	
Project Phase CONSTRUCTION DOCUMENTS - FOR BID ONLY	
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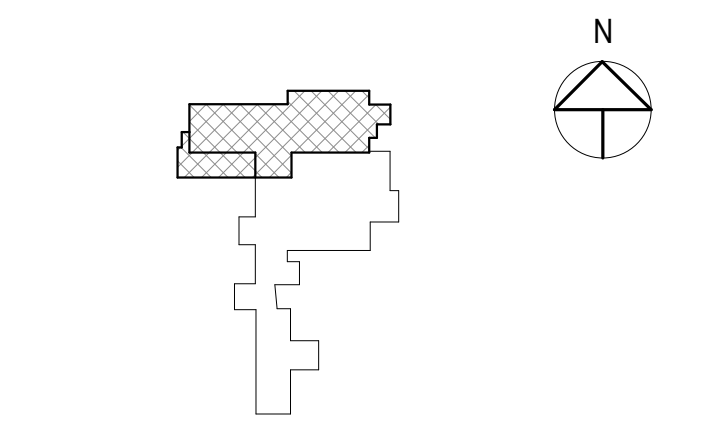


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FOR ADDITIONAL INFORMATION, REFER TO PROJECT MANUAL.

CONTENT:
LEVEL 1 DEMOLITION PLAN

DRAWN BY: Author

PROJECT NO: 16-042-00

DATE: 02/17/2017

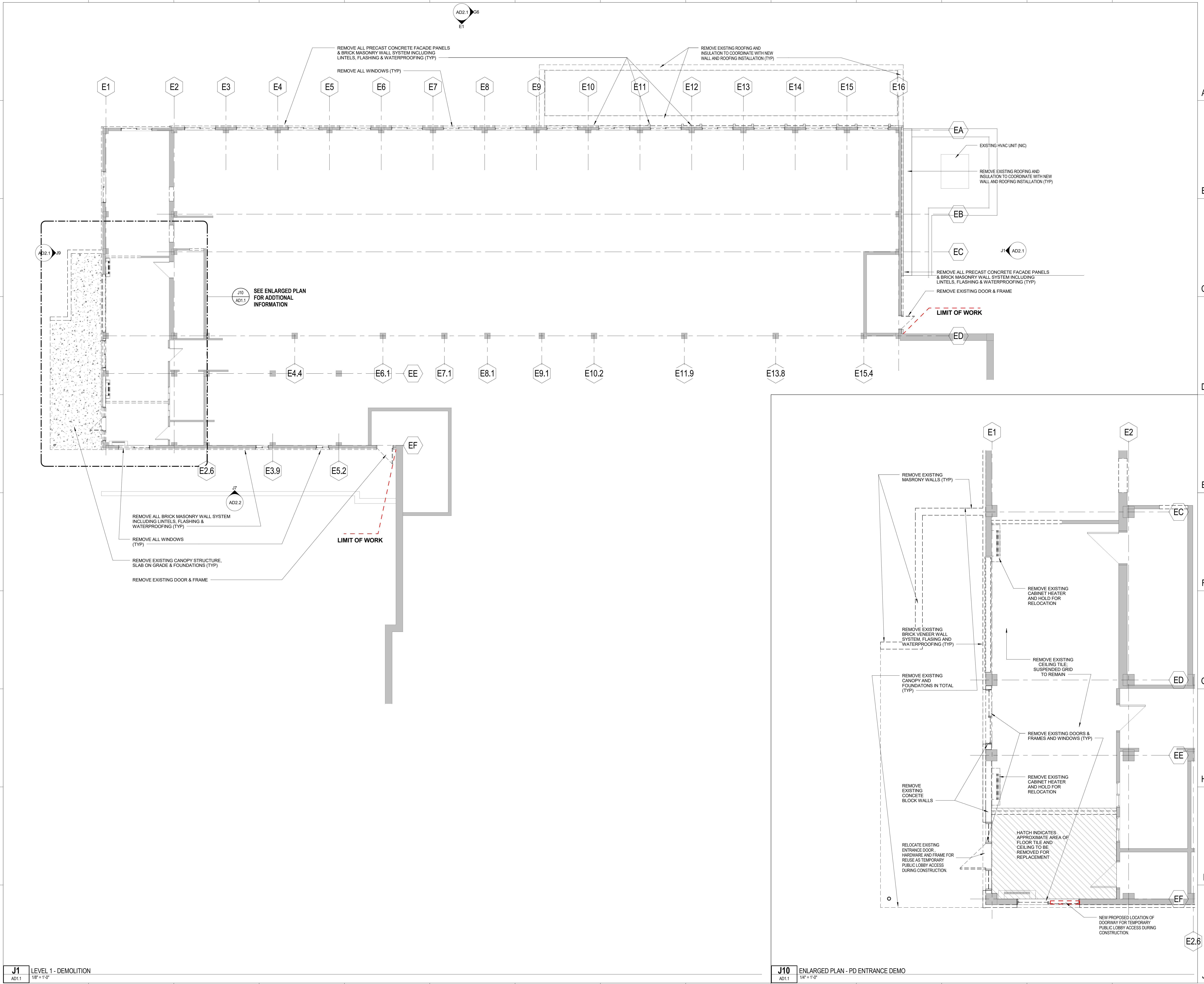
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SCALE: As indicated

AD1.1

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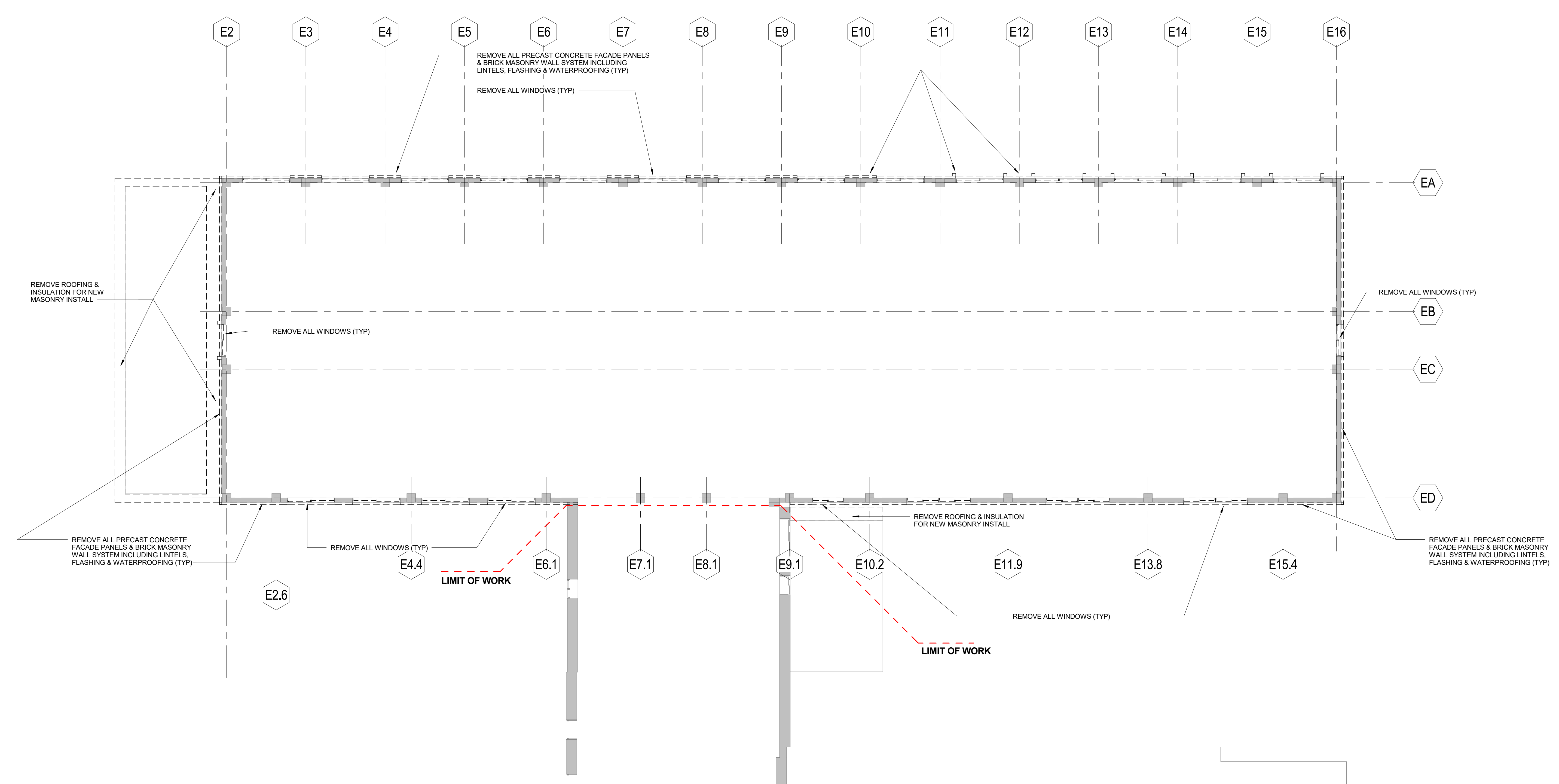
J1 LEVEL 1 - DEMOLITION
AD1.1 1/8" = 1'-0"

J10 ENLARGED PLAN - PD ENTRANCE DEMO
AD1.1 1/4" = 1'-0"

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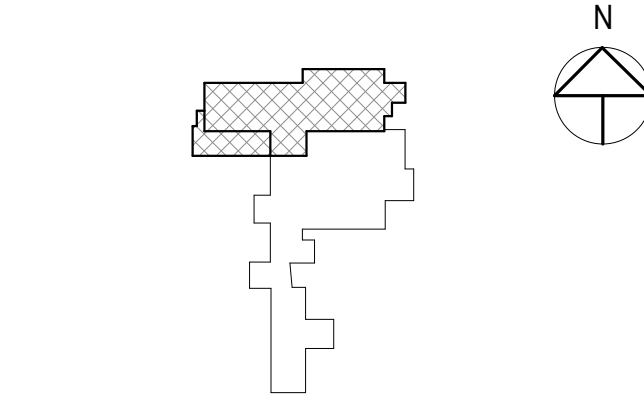


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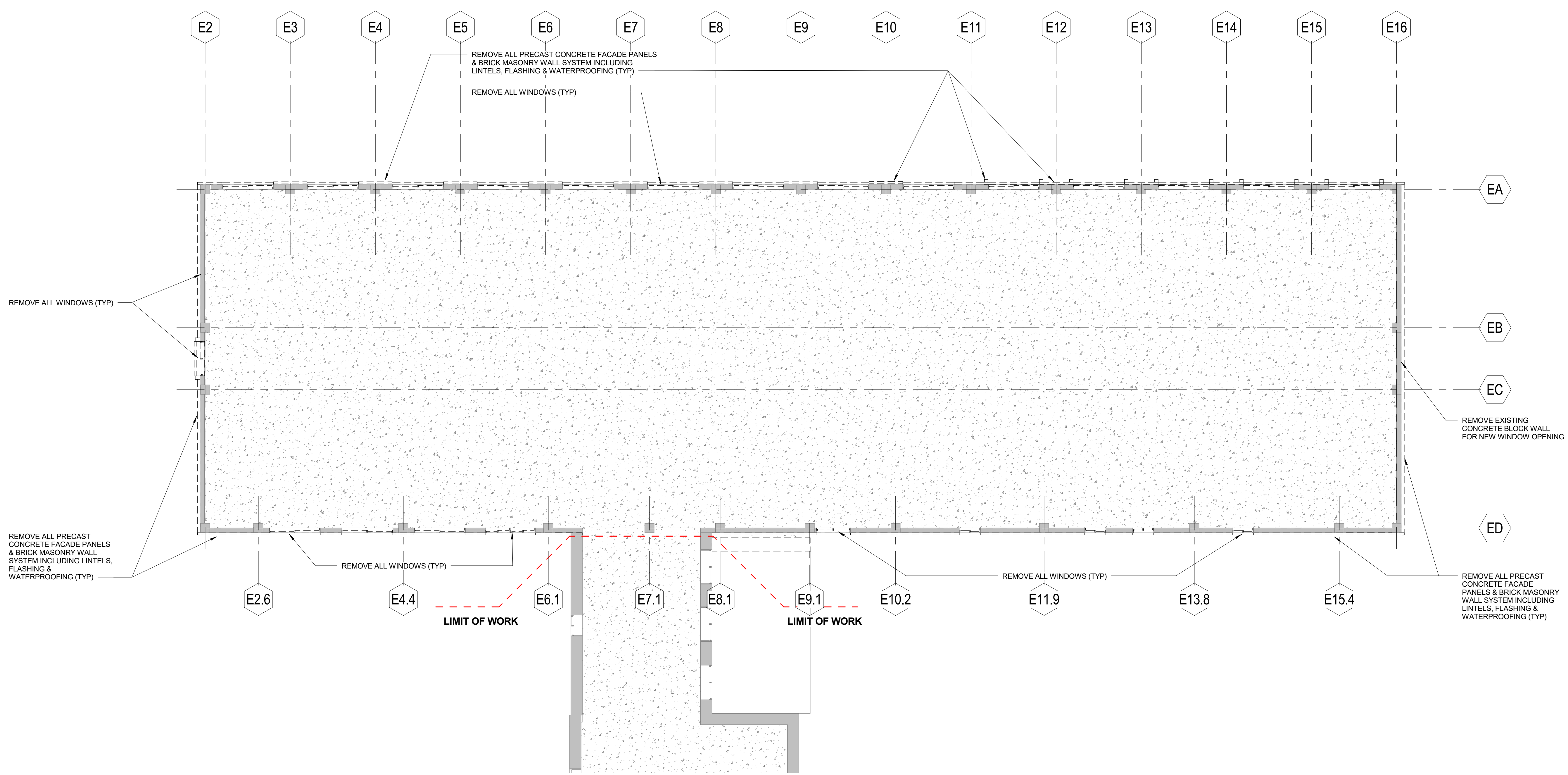


CONTENT: LEVEL 3 DEMOLITION PLAN	
DRAWN BY:	Author
PROJECT NO.:	16-042-00
DATE:	02/17/2017
REVISED:	
SCALE:	As indicated
AD1.3	
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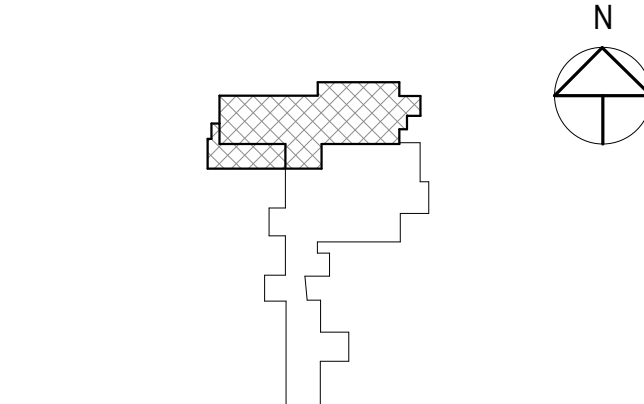


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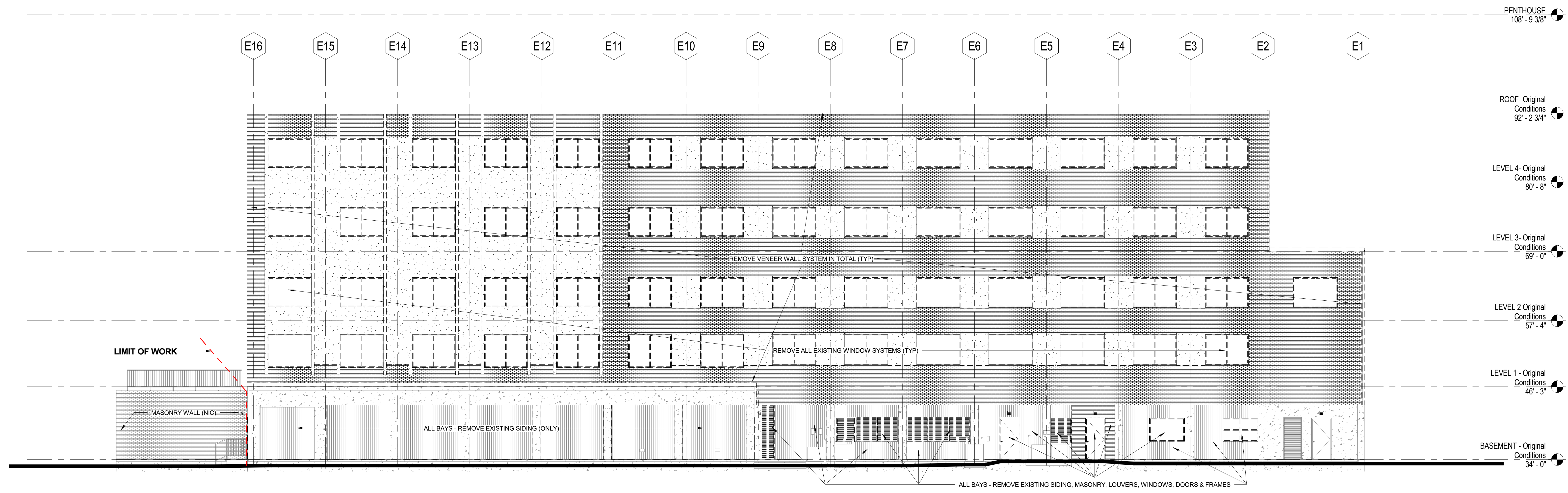
1 Junktins Avenue
Portsmouth, NH 03801

NO.	DESCRIPTION	DATE

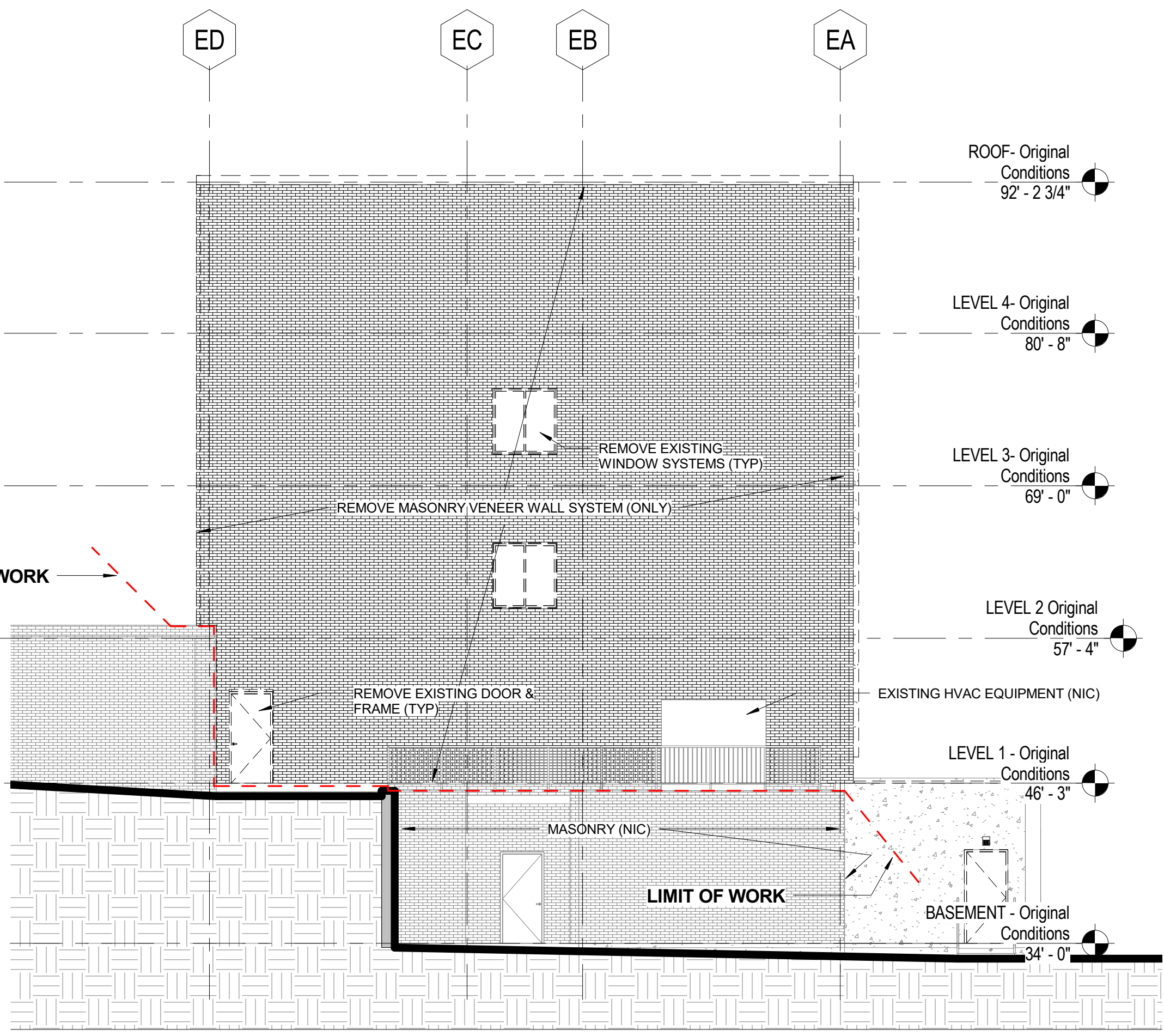


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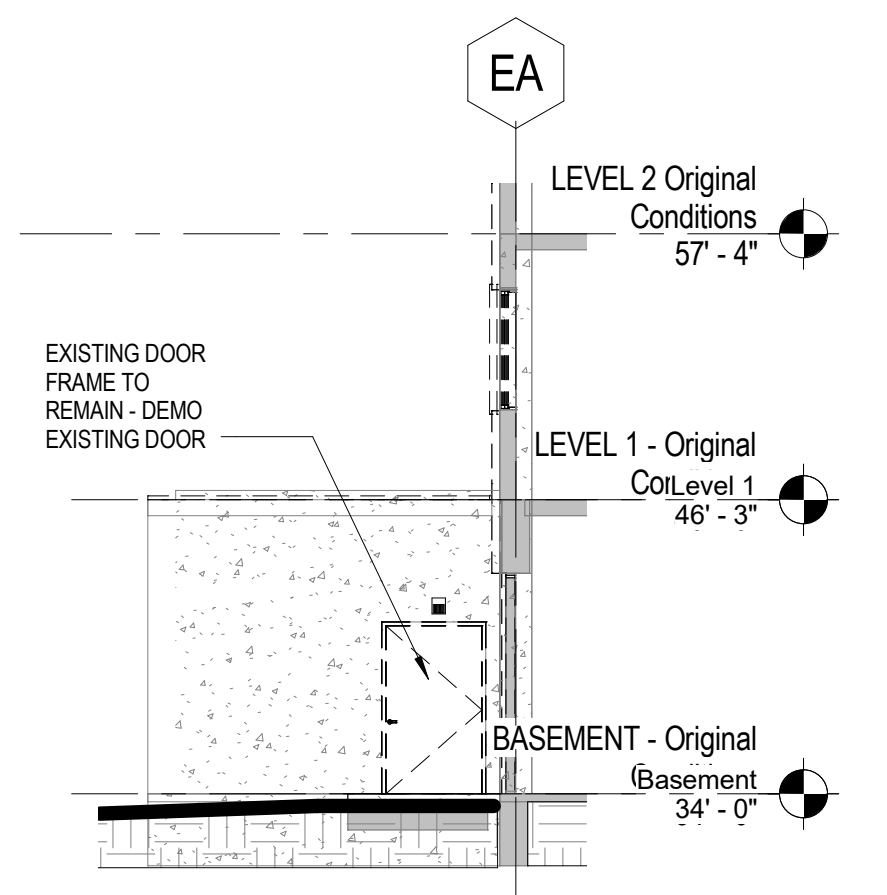
CONTENT: LEVEL 4 DEMOLITION PLAN	
DRAWN BY:	Author
PROJECT NO:	16-042-00
DATE:	02/17/2017
REVISED:	
SCALE:	As indicated
AD1.4	
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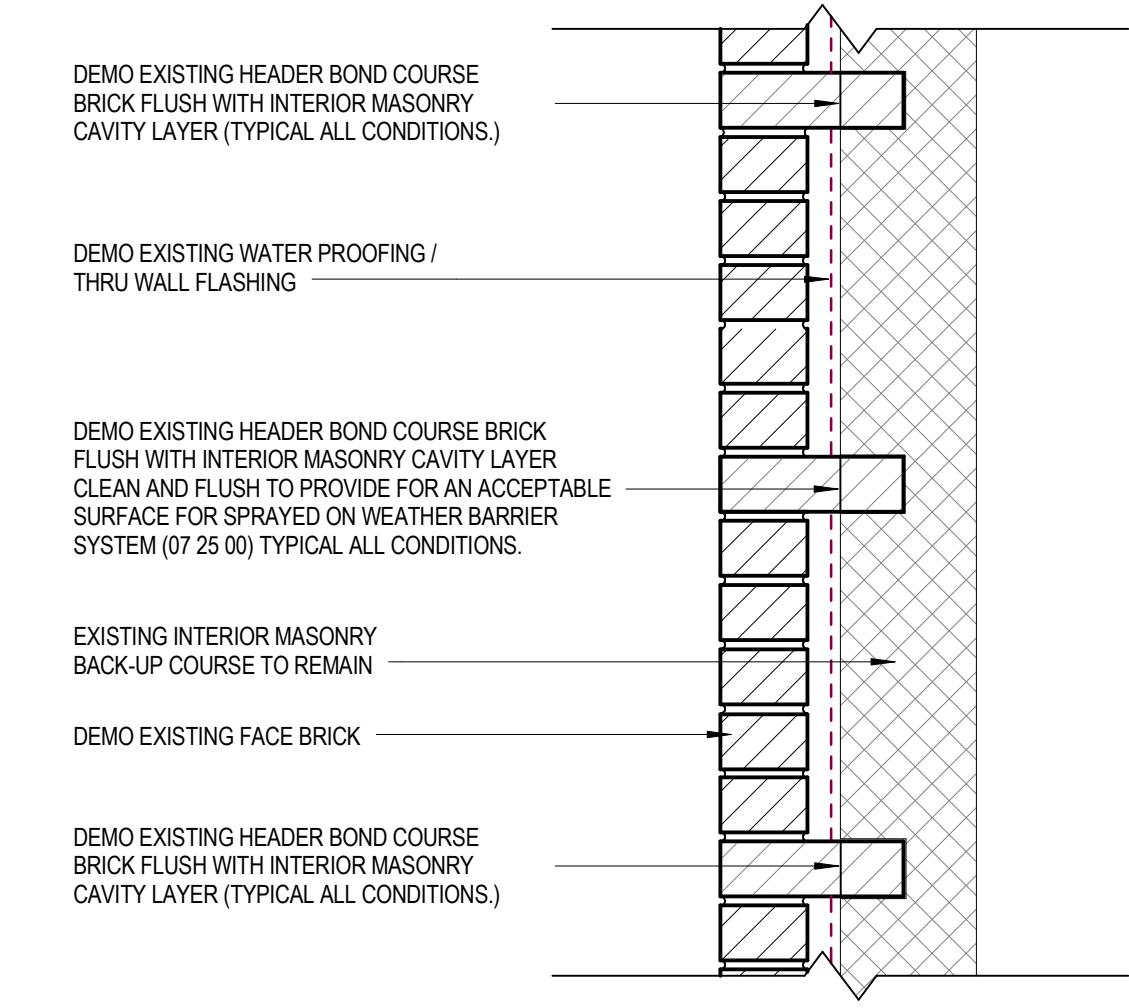
E1 NEW NORTH ELEVATION - NORTH WING - DEMOLITION
AD2.1 1/8" = 1'-0"



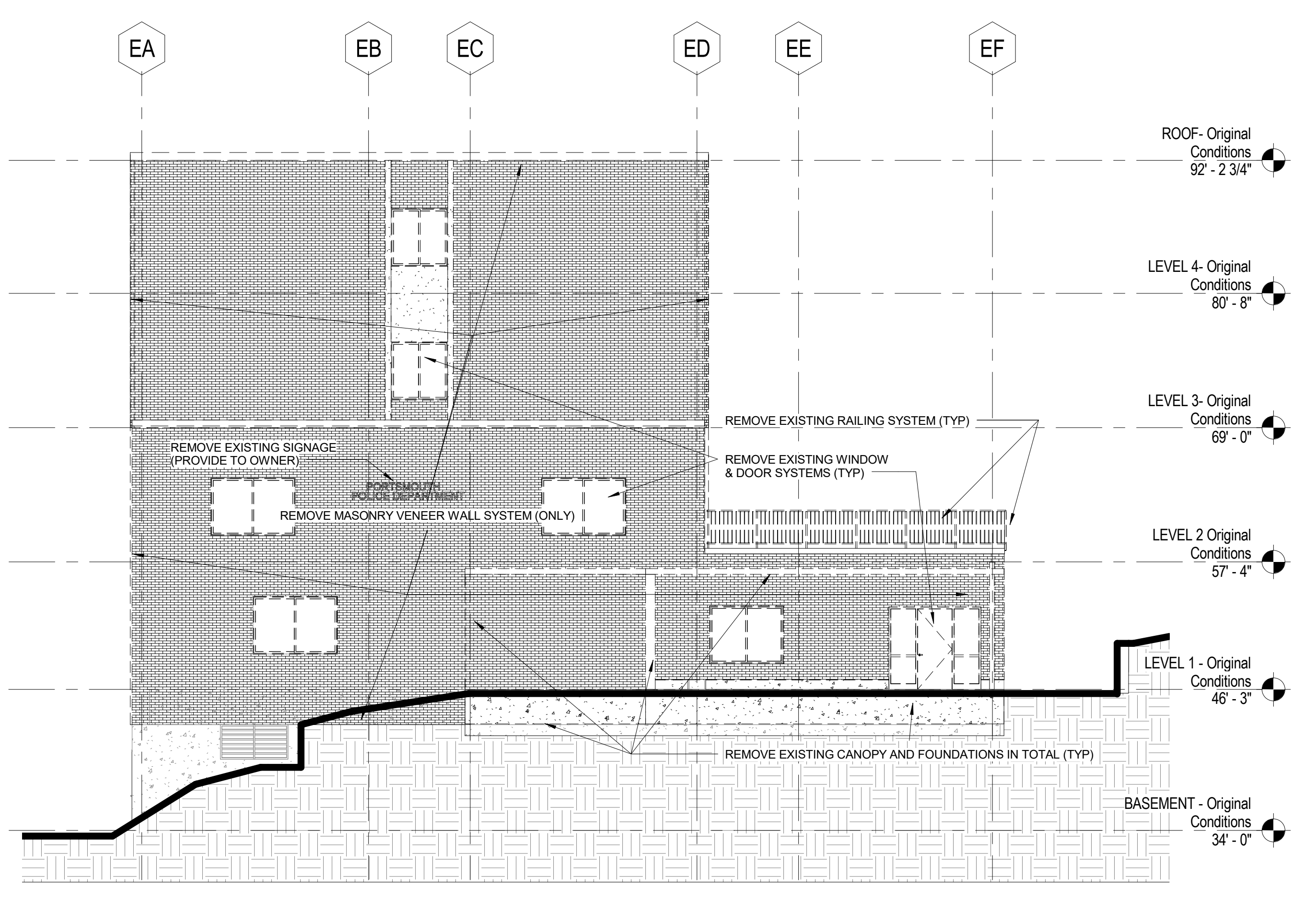
J1 NEW EAST ELEVATION - NORTH WING - DEMOLITION
AD2.1 1/8" = 1'-0"



G6 BASEMENT LEVEL - PARTIAL WEST ELEV - DEMOLITION
AD2.1 1/8" = 1'-0"



J6 TYPICAL EXISTING BRICK WALL SECTION - DEMO
AD2.1 1 1/2" = 1'-0"



J9 NEW WEST ELEVATION - NORTH WING - DEMOLITION
AD2.1 1/8" = 1'-0"

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FOR ADDITIONAL INFORMATION, REFER TO PROJECT MANUAL.

CONTENT:
EXTERIOR ELEVATIONS - DEMOLITION

DRAWN BY: Author

PROJECT NO: 16-042-00

DATE: 02/17/2017

REVISED:

SCALE: As indicated

AD2.1

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CONTENT:
EXTERIOR ELEVATIONS - DEMOLITION

DRAWN BY: Author

PROJECT NO: 16-042-00

DATE: 02/17/2017

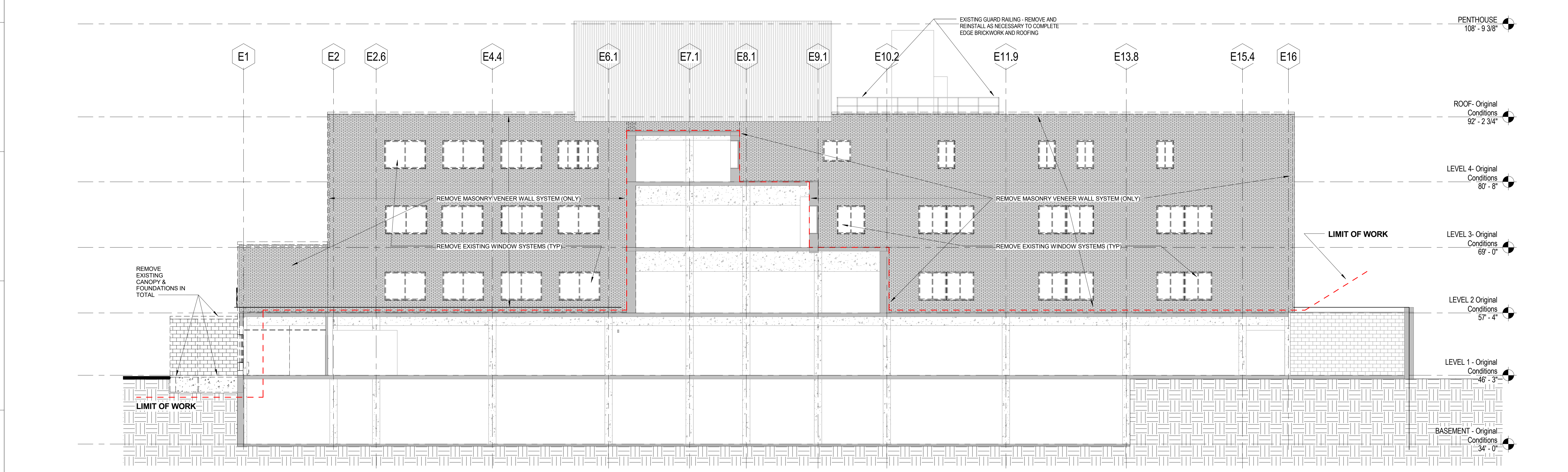
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SCALE: As indicated

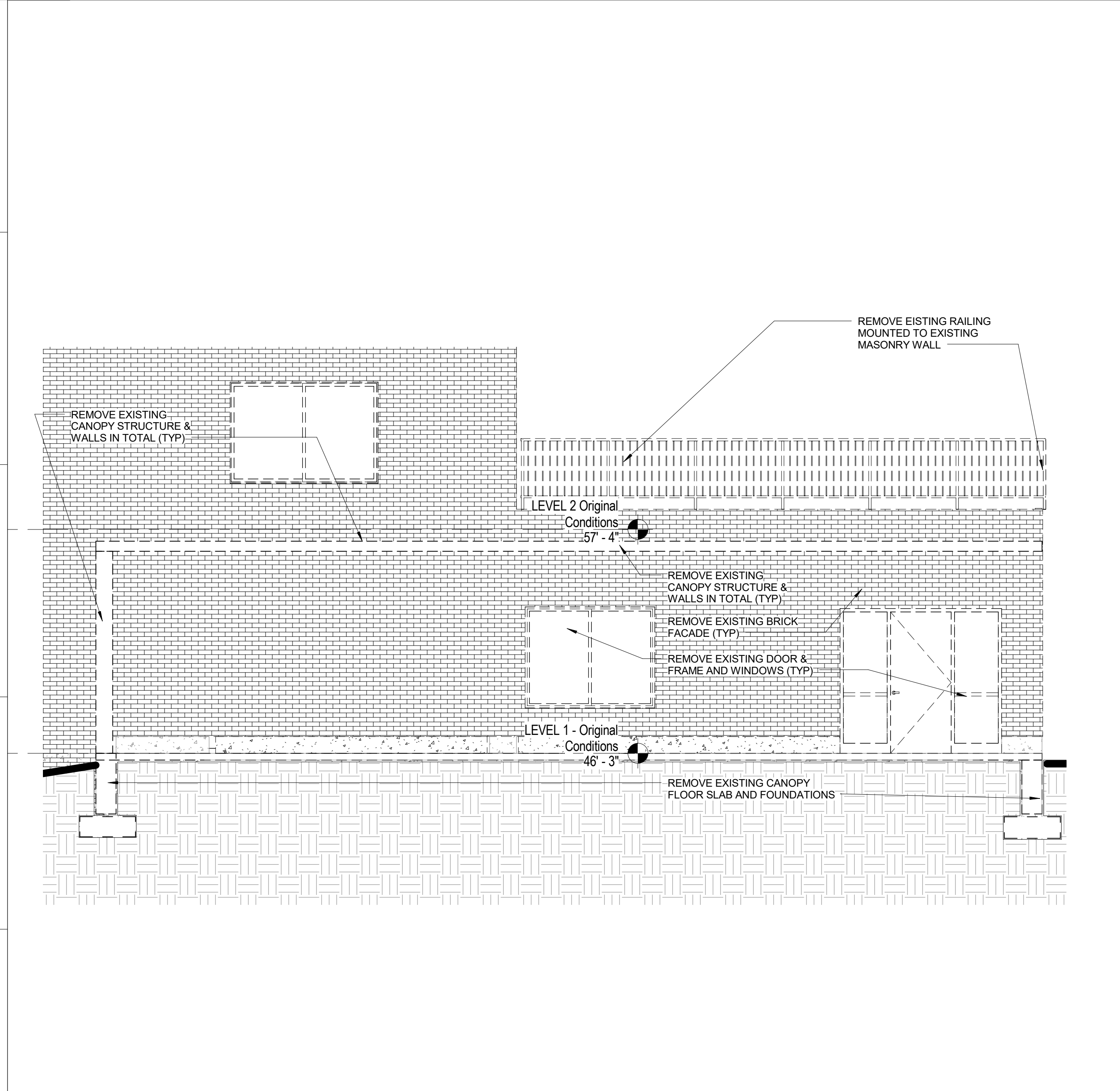
AD2.2

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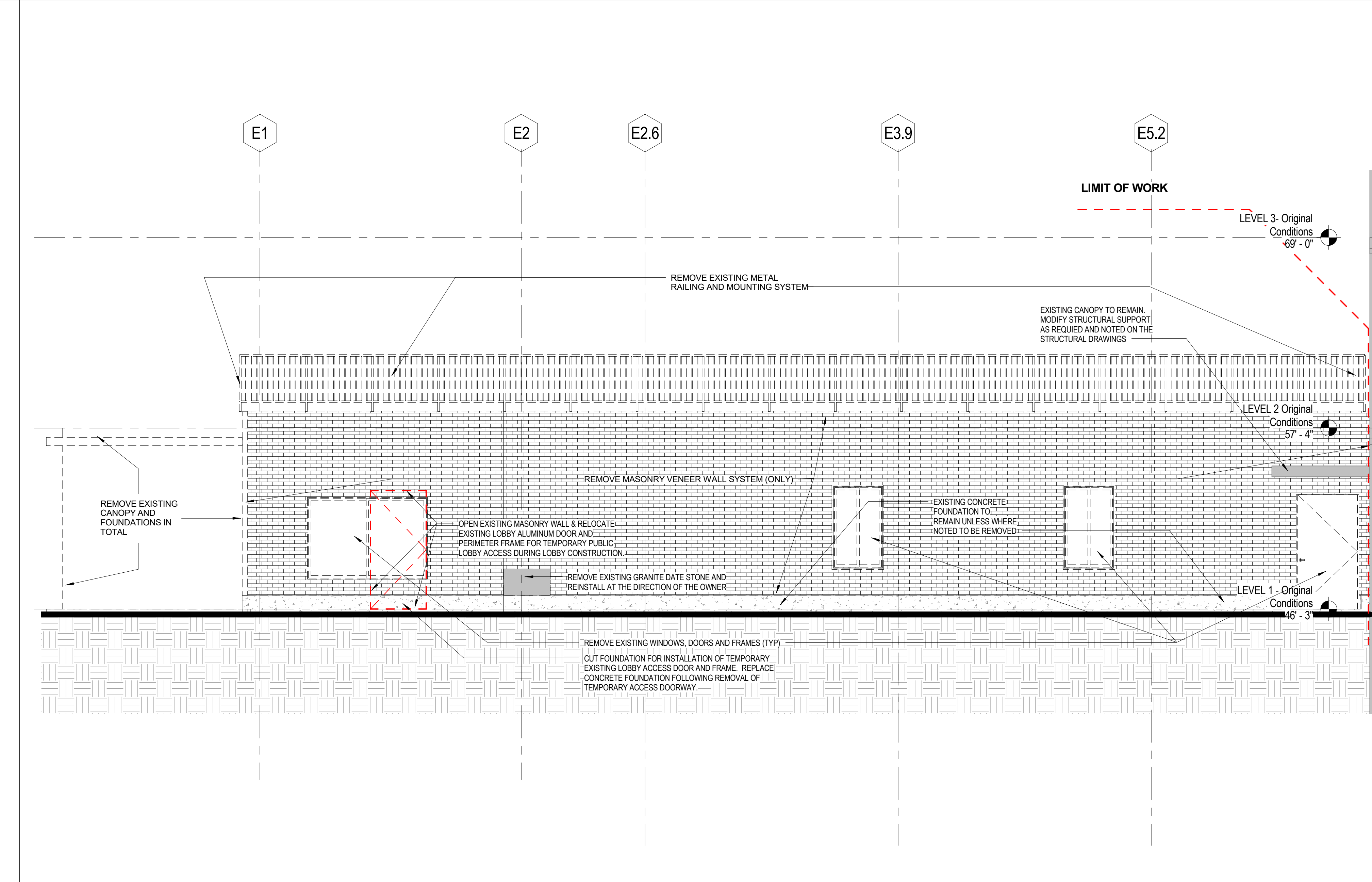
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E1 NEW SOUTH ELEVATION - NORTH WING - DEMOLITION
AD2.2 1/8" = 1'-0"



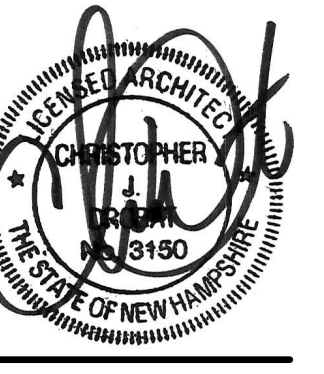
J1 SECTION AT PD ENTRANCE VESTIBULE - DEMOLITION
AD2.2 1/4" = 1'-0"



J7 NEW SOUTH ELEVATION - LEVEL 1 - NORTH WING - DEMOLITION
AD2.2 1/4" = 1'-0"

1 2 3 4 5 6 7 8 9 10 11 12 13 14

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CONSTRUCTION DOCUMENTS
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CITY OF PORTSMOUTH

FACADE REPLACEMENT & ADDITION - PORTSMOUTH CITY HALL

1 JUNKINS AVENUE
PORTSMOUTH, NH 03801

NO.	DESCRIPTION	DATE



FOR ADDITIONAL INFORMATION, REFER TO PROJECT MANUAL.

CONTENT:
LEGENDS, SYMBOLS, NOTES, PARTITION TYPES

DRAWN BY: LBA
PROJECT NO.: 16-042-00
DATE: 02/17/2017
REVISED:
SCALE: As indicated

A0.1

Project Phase
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SYMBOLS LEGEND

DETAIL / SECTION NUMBER: 1, DRAWING: A1.3

ELEVATION NUMBER: 1, DRAWING WHERE SHOWN: A1.1

DETAIL NUMBER: 1, DRAWING WHERE SHOWN: A1.01

SECTION NUMBER: 1, DRAWING WHERE SHOWN: A1.01

SECTION NUMBER: 1, DRAWING WHERE SHOWN: A1.01

DETAIL NUMBER: 1, DRAWING WHERE SHOWN: A1.01

CURTAIN WALL / STOREFRONT TYPE

WINDOW / LOUVER TYPE / FRAME TYPE

ACCESSORY TYPE

DEMOLITION NOTE

REVISION

MATERIAL DESIGNATION: XX XX XX - XXXXXX (X) XXXX

ADDITIONAL MATERIAL TEXT
REFER TO STRUCTURAL(S), MECHANICAL(M), ELECTRICAL(E)
MATERIAL NAME
REFERENCE SPECIFICATIONS NUMBER

ROOM NAME AND NUMBER: Room name 101

DOOR NUMBER: 101

PARTITION TYPE: 11

INDICATES ALIGNMENT BETWEEN ADJACENT PARTITION FINISHES

WORK POINT, CONTROL POINT, OR DATUM POINT.

NOT IN SCOPE OF WORK

TABLE OF ABBREVIATIONS

THE FOLLOWING TABLE OF ABBREVIATIONS IS PROVIDED FOR THE CONVENIENCE OF THE CONTRACTOR. IT IS NOT INTENDED TO SERVE AS A COMPLETE LIST OF ALL ABBREVIATIONS TO BE FOUND IN THE CONTRACT DOCUMENTS. SHOULD THE CONTRACTOR REQUIRE ANY CLARIFICATION OR INTERPRETATION HEREOF, HE SHALL PROMPTLY SO NOTIFY THE ARCHITECT.

A	ANGLE	ICB	INTEGRAL COVE BASE
∠	ANGLE	INCL	INCLUDE (ING)
@	AT	ID	INSIDE DIAMETER
CL	CENTER LINE	INSUL	INSULATION
°	DEGREES	INT	INTERIOR
'	FEET	INV	INVERT
"	INCHES	IWB	INTERACTIVE WHITE BOARD
¢	PENNY	JAN	JANITOR
±	PLUS OR MINUS	JT	JOINT
#	POUNDS, NUMBER	KD	KILN DRIED / KNOCK DOWN
PL	PROPERTY LINE	KIT	KITCHEN
Ø	ROUND, DIAMETER	KO	KNOCK OUT
⊙	TEMPERED	LAV	LAVATORY
AFF	ABOVE FINISHED FLOOR	LH	LEFT HAND
AP	ACCESS PANEL	LWH	LENGTH x WIDTH x HEIGHT
ACT	ACOUSTICAL CEILING TILE	LT	LIGHT
AWP	ACOUSTICAL WALL PANEL	LF	LINEAR FEET
ADJ	ADJUSTABLE	MAS	MASONRY
AGG	AGGREGATE	MFR	MANUFACTURER
A/C	AIR CONDITIONING	MO	MASONRY OPENING
ALT	ALTERNATE	MB	MARKER BOARD
ALUM	ALUMINUM	MAX	MAXIMUM
AB	ANCHOR BOLT	MECH	MECHANICAL
ANOD	ANODIZED	MC	MEDICINE CABINET
APPD	APPROVED	MED	MEDIUM
ARCH	ARCHITECT (URAL)	MTL	METAL
AUTO	AUTOMATIC	MN	MINIMUM
BSMT	BASEMENT	MISC	MISCELLANEOUS
BRC	BEARING	MR	MOISTURE RESISTANT
BP	BEARING PLATE	MOLDG	MOLDING
BM	BENCH MARK	MAT	WALK OFF MAT
BT	BITUMINOUS	NAT	NATURAL
BLKG	BLOCKING	NS	NATURAL STONE
BD	BOARD	NR	NOISE REDUCTION COEFFICIENT
BS	BOTH SIDES	NA	NOT APPLICABLE
BOT	BOTTOM	NTS	NOT TO SCALE
BO	BOTTOM OF	NIC	NOT IN CONTRACT
BLDG	BUILDING	NO	NUMBER
BO	BY OWNER / BY OTHER	OC	ON CENTER
CAB	CABINET	OPNG	OPENING
CUN	CABINET UNIT HEATER	OPP	OPPOSITE
CPT	CARPET	OD	OUTSIDE DIAMETER
CB	CATCH BASIN	OSD	OUTSIDE TO OUTSIDE
CLG	CEILING	OA	OVERALL
CEM	CEMENT	OH	OVERHEAD
CL	CENTER LINE	OFO	OWNER FURNISHED OWNER INSTALLED
CT	CERAMIC TILE	OFCI	OWNER FURNISHED CONTRACTOR INSTALLED
CB	CHALKBOARD	P	PAINT
CIRC	CIRCULAR	PAI	PAINTED
CLR	CLEAR	FR	PAIR
CP	COAT PEGS	PART	PARTITION
CMU	CONCRETE MASONRY UNIT	PM	PATCH TO MATCH
CM	CONSTRUCTION MANAGER	PVMT	PAVEMENT
CJ	CONTROL JOINT	PERF	PERFORATED
CF	CUBIC FEET	PERM	PERMETER
CY	CUBIC YARDS	PL	PLATE
COL	COLUMN	PLAS	PLASTIC
CONC	CONCRETE	PLAM	PLASTIC LAMINATE
CONT	CONTINUOUS	PLUMB	PLUMBING
CORR	CORRUGATED	PLYWD	PLYWOOD
DEMO	DEMOLISH / DEMOLITION	PVC	POLY VINYL CHLORIDE
DTL	DETAIL	PT	PORCELAIN TILE
DIAG	DIAGONAL	PREFIN	PREFINISHED
DIA	DIAMETER	PT	PRESSURE TREATED
DM	DIMENSION	QT	QUARRY TILE
DW	DISHWASHER	QZT	QUARTZ TILE
DIV	DIVIDE / DIVISION	R	RADIUS
DR	DOOR	RAD	RADIUS
DBL	DOUBLE	RB	RESILIENT BASE
DN	DOWN	RES	RESILIENT FLOORING
DWS	DRAWING	REF	REFERENCE
DF	DRINKING FOUNTAIN	REFRIG	REFRIGERATOR
EA	EACH	REIN	REINFORCE
EF	EACH FACE	REQD	REQUIRED
EW	EACH WAY	REV	REVERSE
ELEC	ELECTRICAL	RH	RIGHT HAND
EP	ELECTRICAL PANEL BOARD	RD	ROOF DRAIN
EWC	ELECTRIC WATER COOLER	RM	ROOM
EL	ELEVATION	RO	ROUGH OPENING
ELEV	ELEVATOR	SC	SEALED CONCRETE
EMER	EMERGENCY	SHT	SHEET
EQ	EQUAL	SV	SHEET VINYL
EQUIP	EQUIPMENT	SIM	SIMILAR
EST	ESTIMATED	SS	SOLID SURFACE
EXH	EXHAUST	SS	SOUND TRANSMISSION COEFFICIENT
EXH	EXISTING	STC	SPECIAL PAINT
EJ	EXPANSION JOINT	SP	SPECIFICATIONS / SPECIFIED
EXP	EXPOSED / EXPANSION	SQ	SQUARE
EXT	EXTERIOR	SF	SQUARE FEET
EFS	EXTERIOR INSULATED FINISH SYSTEM	SIS	STAINLESS STEEL
F/O	FACE OF	STD	STANDARD
F/F	FACE TO FACE	STL	STEEL
FP	FACING PANEL	STN	STONE TILE
FG	FIBERGLASS	STOR	STORAGE
FIN	FINISH	STRUC	STRUCTURAL / STRUCTURE
FF	FINISHED FLOOR	SUSP	SUSPENDED
FE	FIRE EXTINGUISHER	SYMM	SYMMETRICAL
FEG	FIRE EXTINGUISHER CABINET	TWP	TACKABLE WALL PANEL
FPROOF	FIRE PROOFING	TB	TACKBOARD
FT	FIRE TREATED	TEL	TELEPHONE
FLOOR	FLOOR	TV	TELEVISION
FLR	FLOOR DRAIN	TEMP	TEMPORARY
FLUR	FLOURESCENT	THK	THICKNESS
FAF	FLUID APPLIED FLOORING	TBD	TO BE DETERMINED
FTG	FOOTING	TP	TOILET PAPER
FNEN	FOUNDATION	T&G	TONGUE AND GROOVE
FUT	FUTURE	T&B	TOP AND BOTTOM
GALV	GALVANIZED	TO	TOP OF
GA	GAUGE	TU	TOUCH UP
GC	GENERAL CONTRACTOR	TS	TRANSITION STRIP
GL	GLASS	TYP	TYPICAL
GMB	GLASS MESH MORTAR BOARD	UC	UNDERCUT
GWB	GYPSSUM WALL BOARD	UNO	UNLESS NOTED OTHERWISE
HW	HARDWARE	UNO	UNLESS NOTED OTHERWISE
HW	HARDWOOD	VB	VAPOR BARRIER
HVAC	HEATING, VENTILATION & AIR CONDITIONING	VF	VERIFY
HD	HEAVY DUTY	VF	VERIFY IN FIELD
HT	HEIGHT	VERT	VERTICAL
HC	HOLLOW CORE	VCT	VINYL COMPOSITE TILE
HM	HOLLOW METAL	VWC	VINYL WALLCOVERING
HORIZ	HORIZONTAL	WPP	WALL PROTECTION PANEL
		WC	WATER CLOSET
		WP	WATER PROOF
		WWF	WELDED WIRE FABRIC
		WG	WIRE GLASS
		W	WITH
		WO	WITHOUT
		WD	WOOD
		WVP	WOOD VENEER PANELING

GRAPHICS LEGEND

THERMAL OR ACOUSTIC FIBERGLASS INSULATION, UNO

CMU PARTITION

CONCRETE

STEEL

RIGID INSULATION

LOAM / EARTH

GRAVEL

SPRAYED-ON FIREPROOFING

WOOD BLOCKING

FINISH WOOD

GWB + SHEATHING

NEW CONSTRUCTION

EXISTING CONSTRUCTION TO REMAIN

EXISTING CONSTRUCTION TO BE REMOVED

EXISTING DOOR TO REMAIN

NEW DOOR AND FRAME

NEW COLUMN GRID INDICATORS

EXISTING COLUMN GRID INDICATORS

CEILING LEGEND

2 x 4 ACT

2 x 2 ACT

TYPE 01 (X'X'X' AFF)

CEILING TYPE

CEILING HEIGHT

NOTE: SEE MECHANICAL, ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.
NOTE: SEE RATING PLANS FOR LOCATIONS OF RATED CEILING.

DOOR CLEARANCES

PARTITIONS AT INTERSECTION

DOOR AS SCHEDULED

4" TYPICAL FOR STUD PARTITIONS
10" TYPICAL MASONRY PARTITIONS.
(UNLESS NOTED OTHERWISE OR AS REQUIRED TO MAINTAIN ADA CLEARANCES.)

PULL SIDE

PUSH SIDE

12" MIN IF DOOR HAS CLOSER

80" MIN.

18" MIN.

48" MIN.

GENERAL NOTES

- ALL DIMENSIONS ARE TO FACE OF MASONRY OR FACE OF STUD, UNO.
- ALL OPENINGS IN MASONRY CONSTRUCTION ARE DIMENSIONED TO THE FACE OF MASONRY.
- ALL DIMENSIONS TO EXISTING WALLS ARE TO FACE OF FINISH.
- ALL ARCHITECTURE INTERIOR SHEET DIMENSIONS ARE TO FACE OF FINISH, UNO.
- ALL SPLAYS SHOWN ON PLANS ARE 45°, UNO.
- REFERENCE CODE ANALYSIS KEY PLAN AND SPECIFICATIONS FOR EXTENT OF FIREPROOFING.
- ALL EXPOSED MECHANICAL AND ELECTRICAL SERVICES IN AREAS WITHOUT CEILINGS SHALL BE CAREFULLY COORDINATED AND ORGANIZED SO AS TO PROVIDE A NEAT AND ORDERLY APPEARANCE. SERVICES SHALL BE RUN IN STRAIGHT LINES PARALLEL OR PERPENDICULAR TO EXPOSED STRUCTURE. ALL SERVICES SHALL BE RUN WITHIN OR BETWEEN EXPOSED STRUCTURE TO THE EXTENT POSSIBLE. LAYOUTS FOR PROPOSED SERVICES SHALL BE REVIEWED WITH THE ARCHITECT PRIOR TO PROCEEDINGS WITH THE WORK.
- THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR VERIFYING DIMENSIONS. ALL DISCREPANCIES BETWEEN ANTICIPATED AND ACTUAL CONDITIONS SHALL BE PROMPTLY BROUGHT TO THE ARCHITECT'S ATTENTION.

ACCEPTABLE INSTALLATION

ELECTRICAL, TELE / DATA CONTROLS, FIRE ALARM WORK BOX

NOT ACCEPTABLE

ELECTRICAL, TELE / DATA CONTROLS, FIRE ALARM WORK BOX

SOUND TRANSFER PATH

ACCEPTABLE INSTALLATION / LOCATION OF WORK BOX

WORK BOX LOCATIONS IN ALL WALLS / SOUND TRANSFER (TYP. ALL NEW WORK BOXES ALL WALLS)

WALL TYPES

FLOOR OR ROOF DECK

07 84 00 - SEALANT (BOTH SIDES)

07 21 00 - SAFING INSUL

09 21 16 - DEFLECTION HEAD TRACK, MAINTAIN 1" GAP AT TOP OF PARTITION

09 21 16 - GYPSUM BD 5/8" (2) LAYERS, FULL HT - B.O. (NIC)

CLG PER SCHED

09 21 16 - MTL STUD - 3/8" AT 16" O C

09 21 16 - BALLISTIC BD - 1ST LAYER, LOBBY SIDE, FULL HT (ALT - 2)

09 21 16 - GYPSUM BD 5/8" (2) LAYERS, FULL HT - LOBBY SIDE

09 21 16 - BALLISTIC BD - 1ST LAYER, LOBBY SIDE, FULL HT (ALT - 2)

09 21 16 - GYPSUM BD 5/8" (2) LAYERS EA SIDE, FULL HT

09 21 16 - ACQUSTIC INSULATION - FULL HEIGHT

07 84 00 - SEALANT (BOTH SIDES)

SLAB OR DECK

S11 09 21 16 - ACQUSTIC SMOKE CONSTRUCTION SEE SPECIFICATIONS STC 49

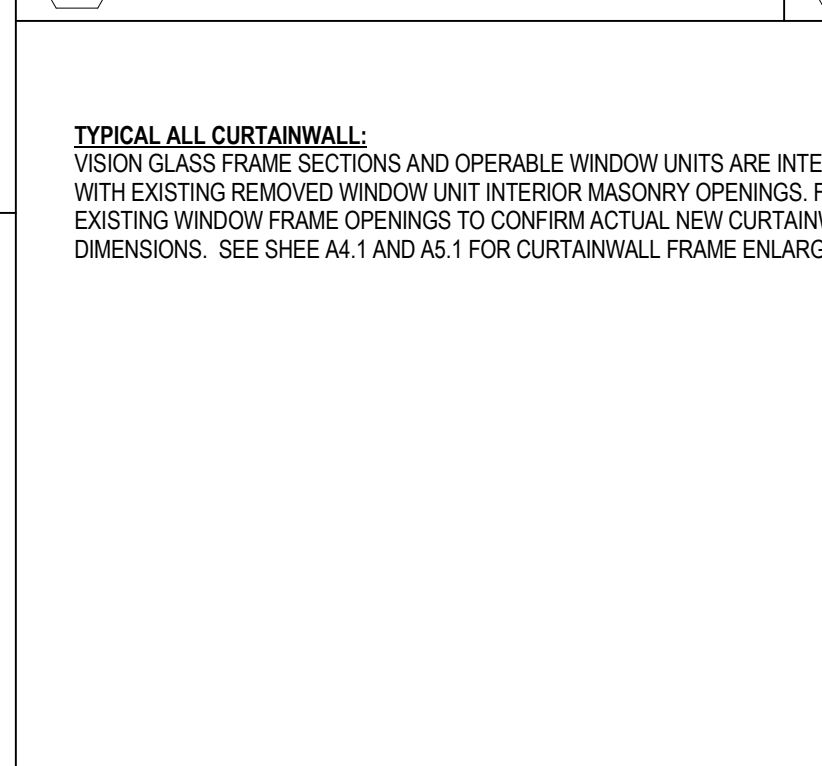
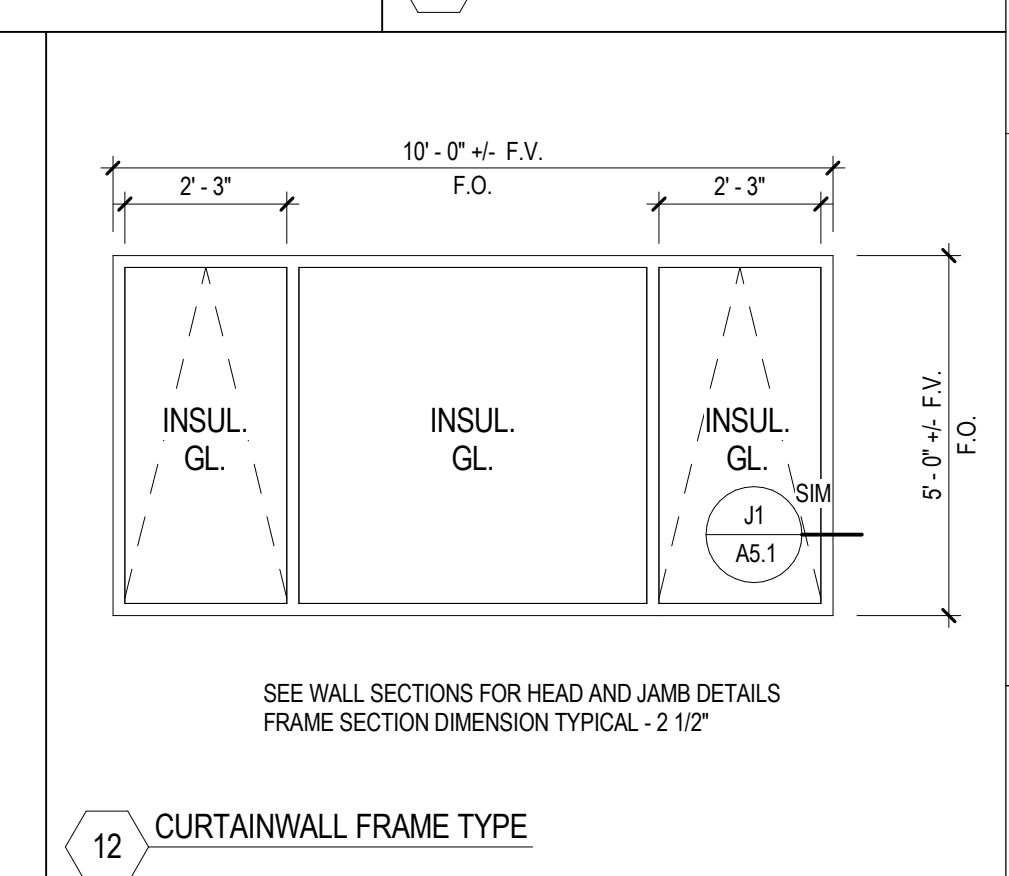
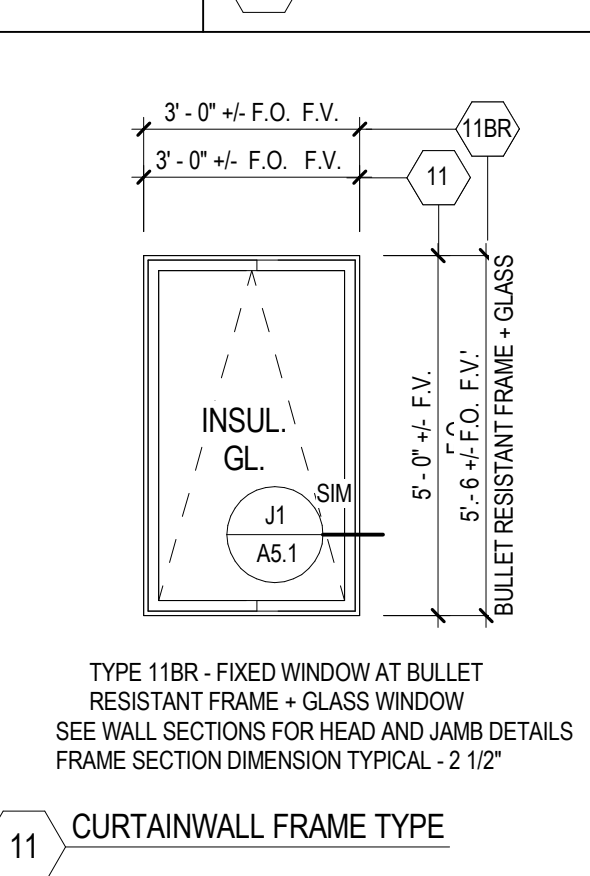
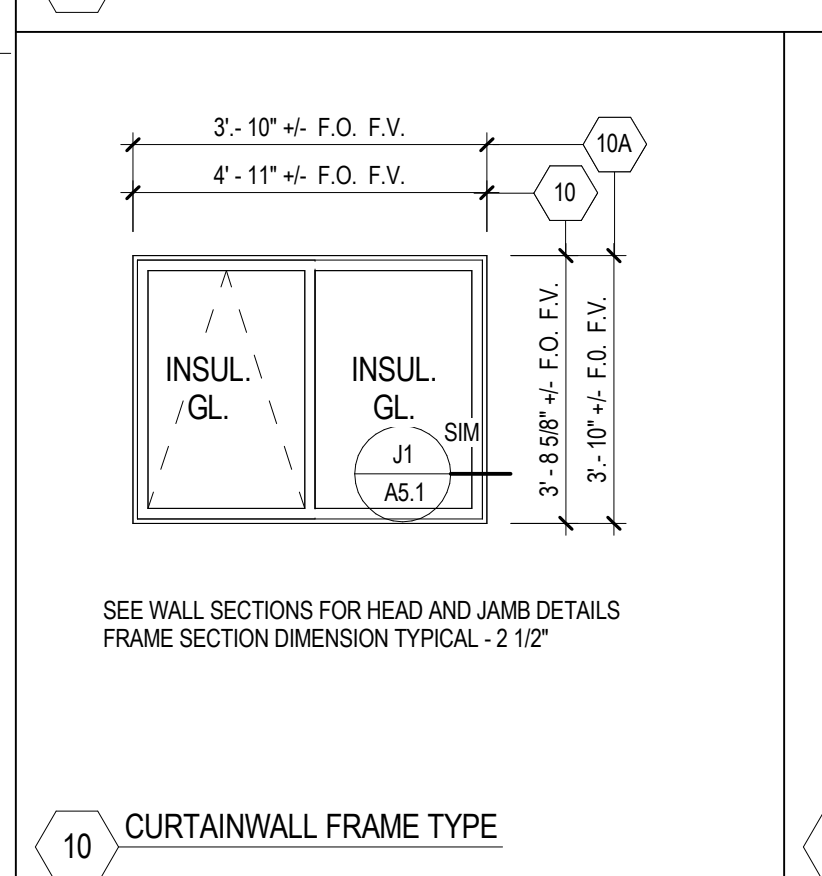
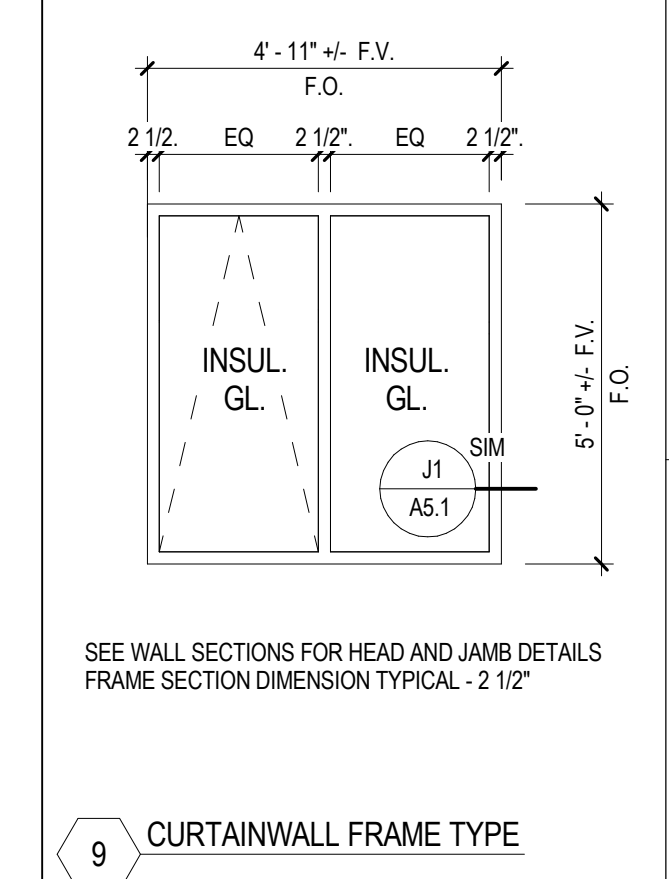
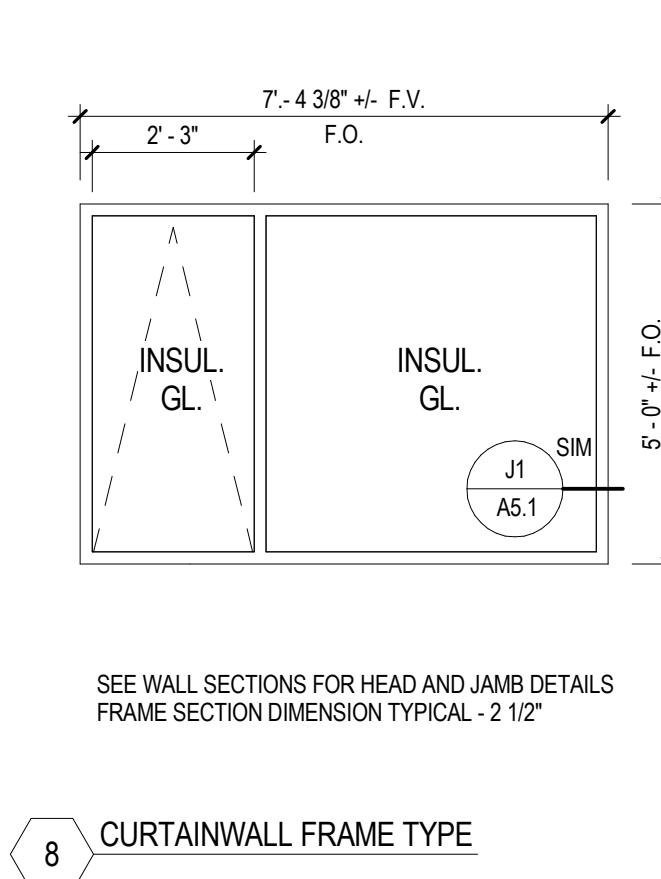
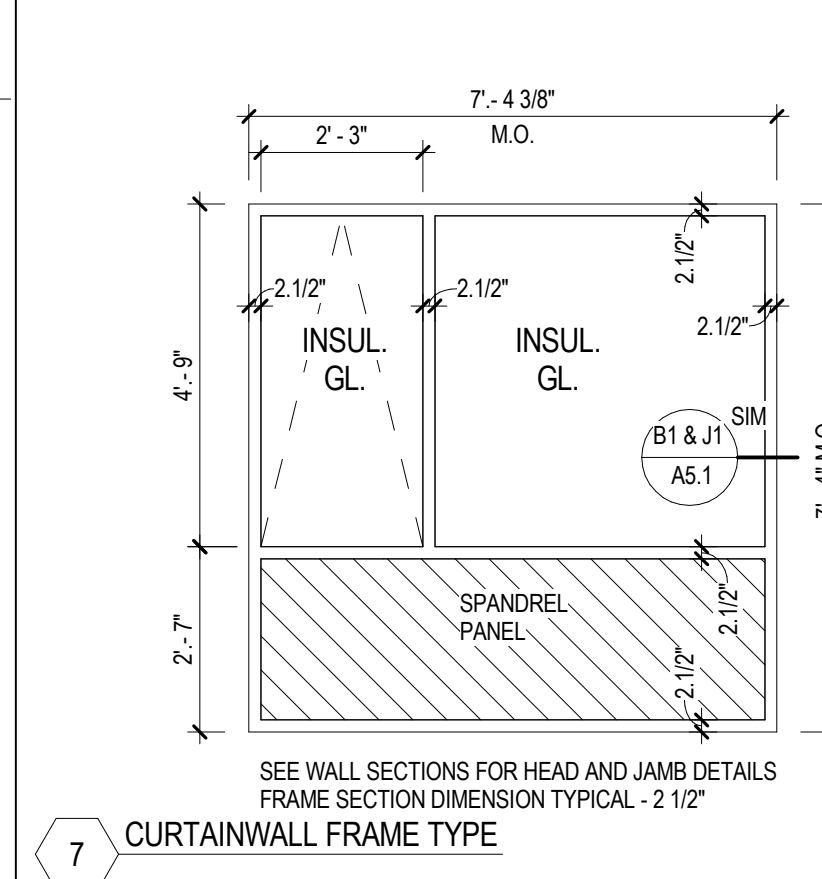
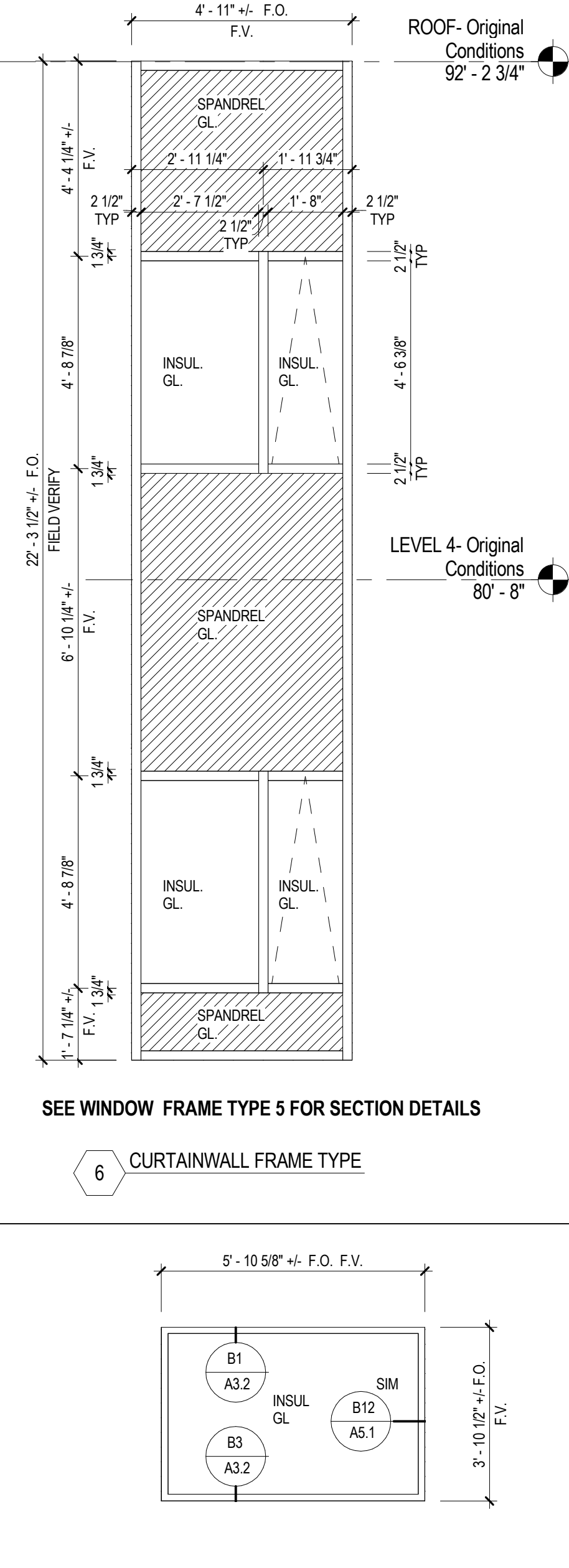
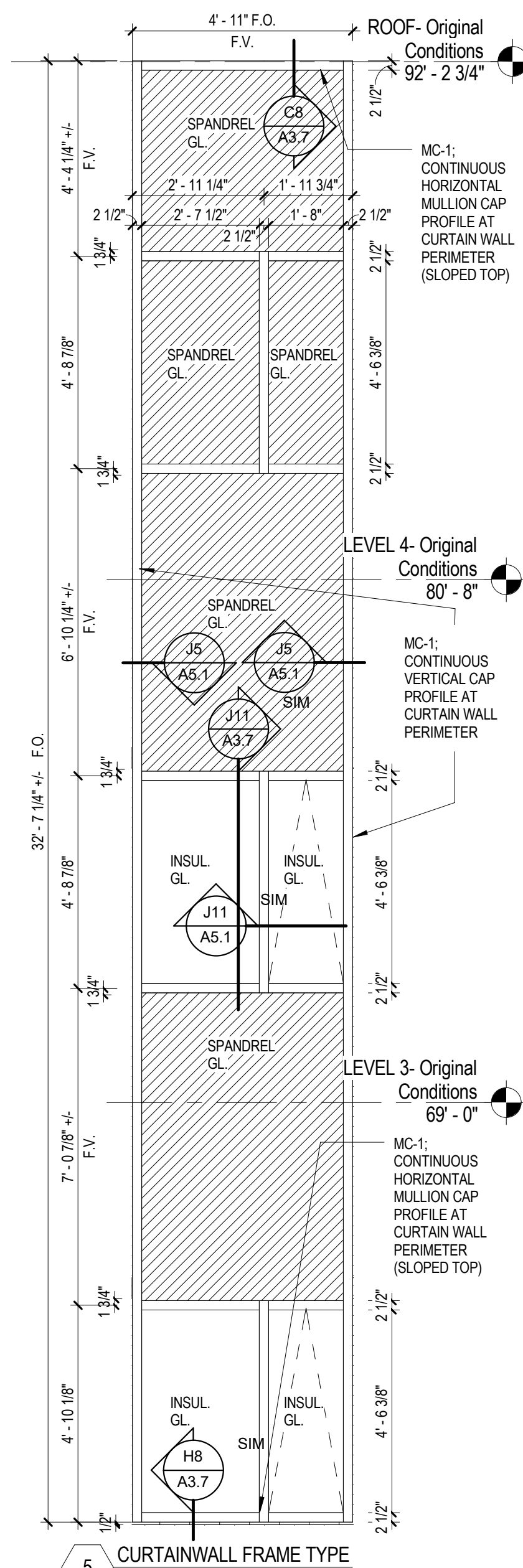
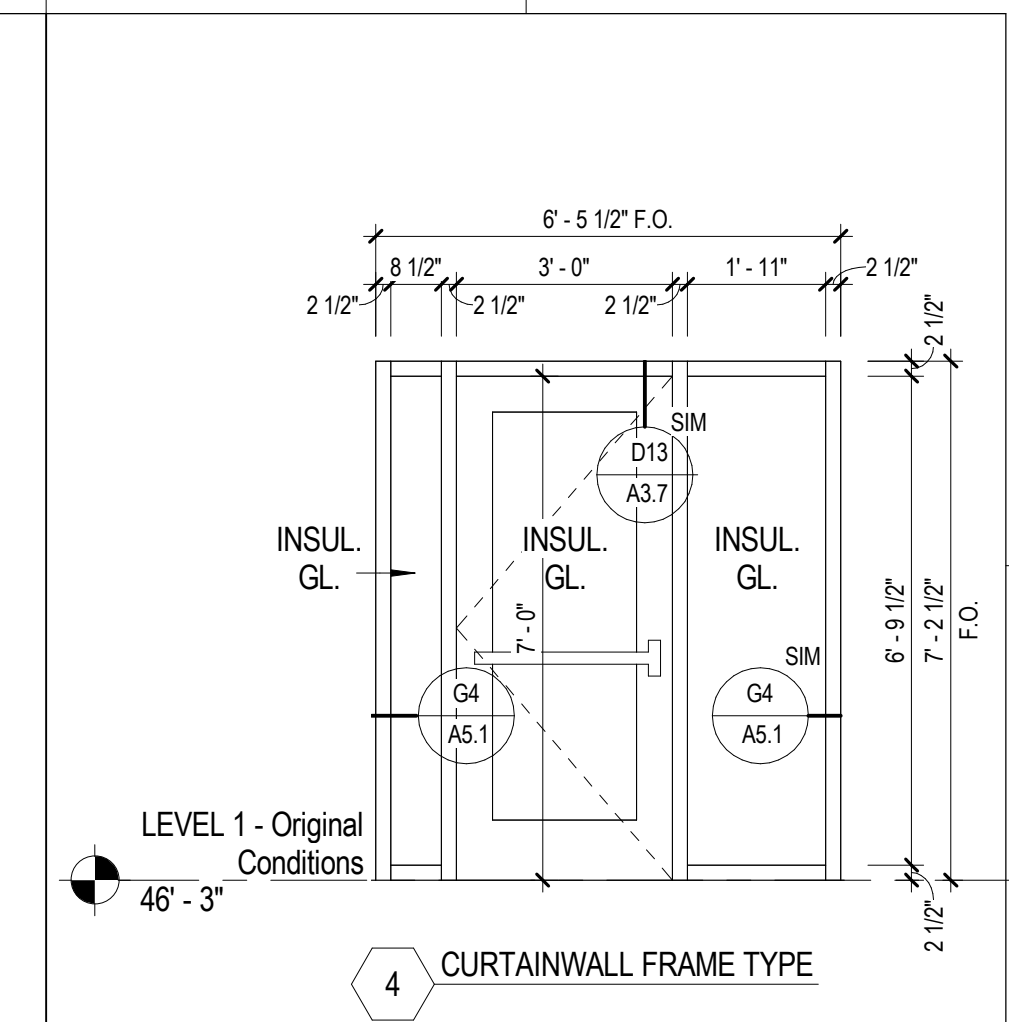
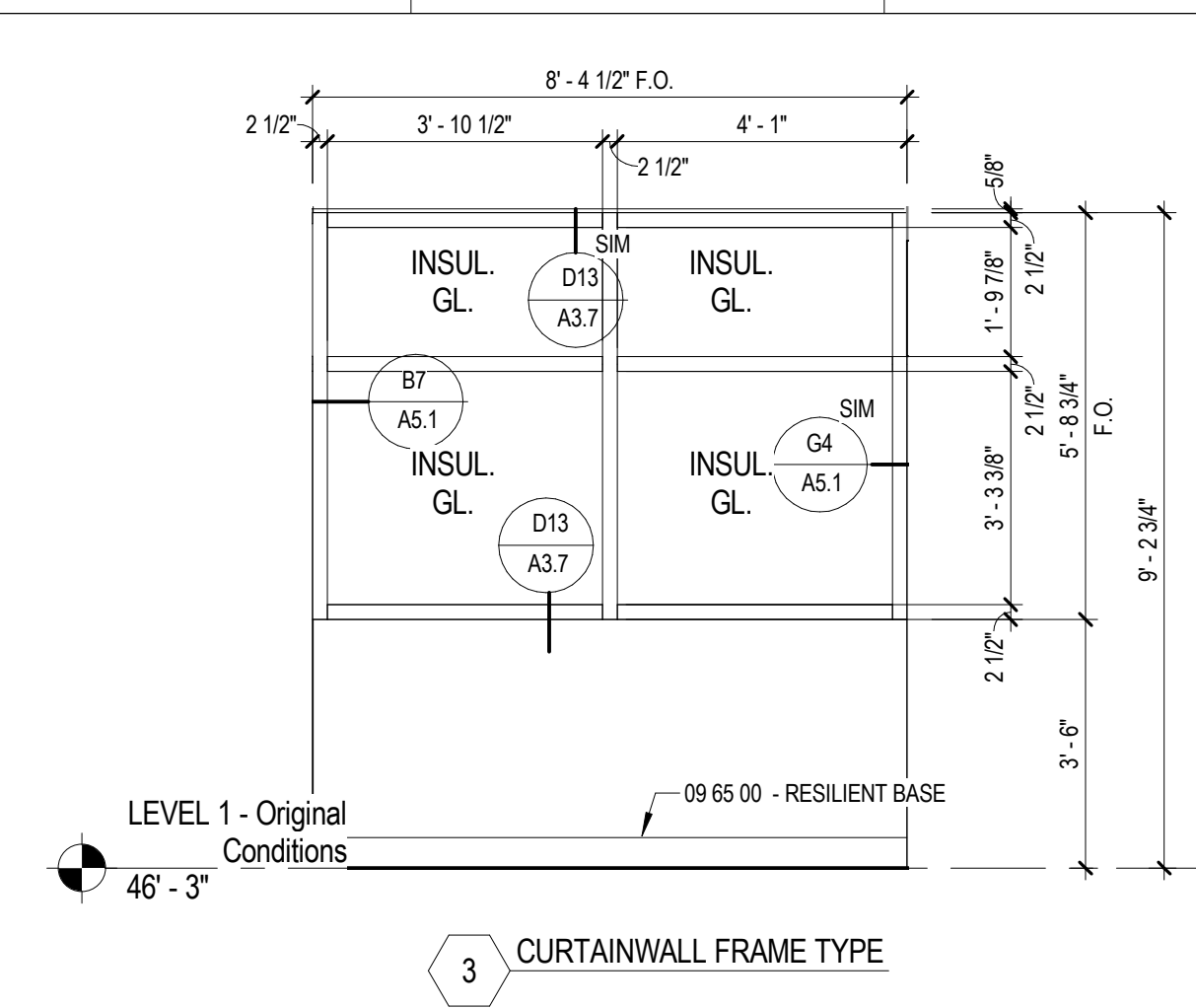
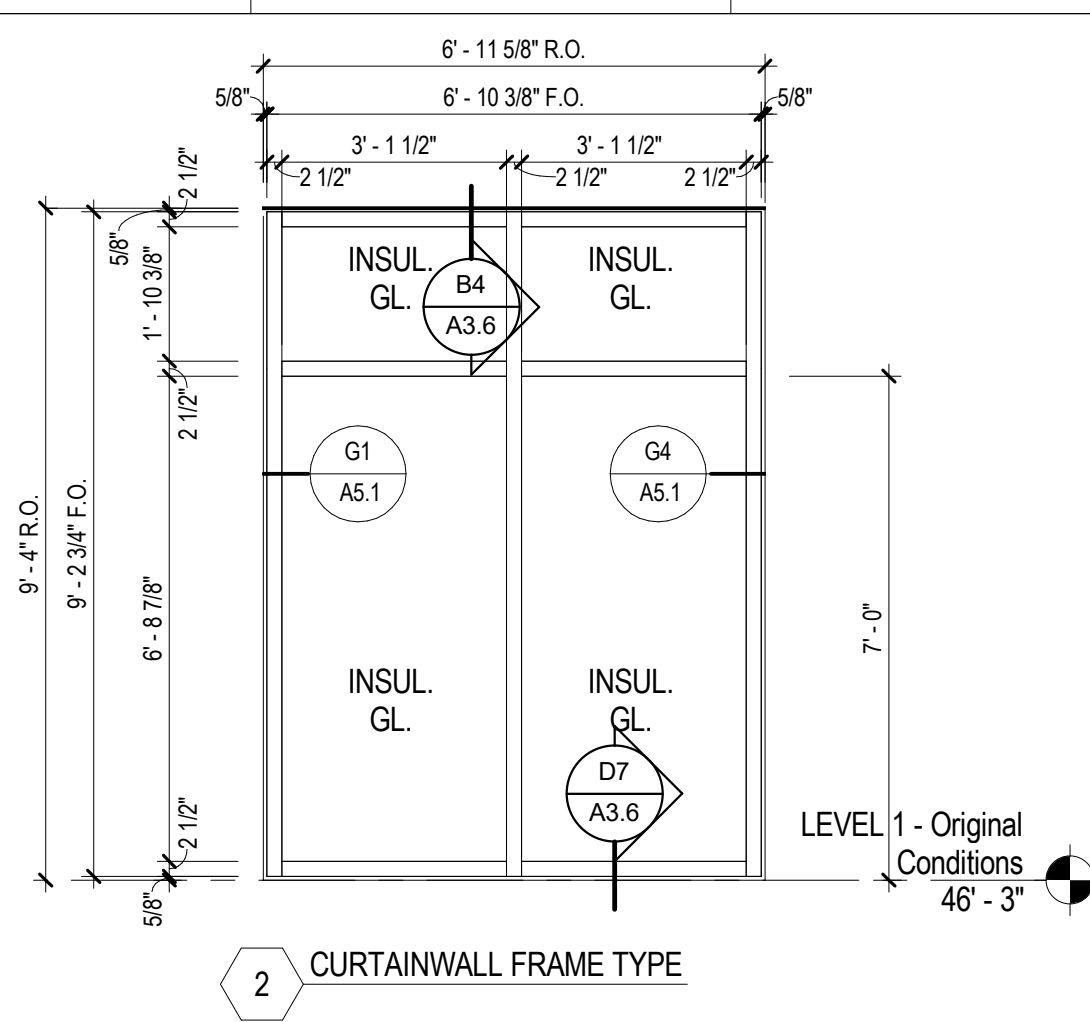
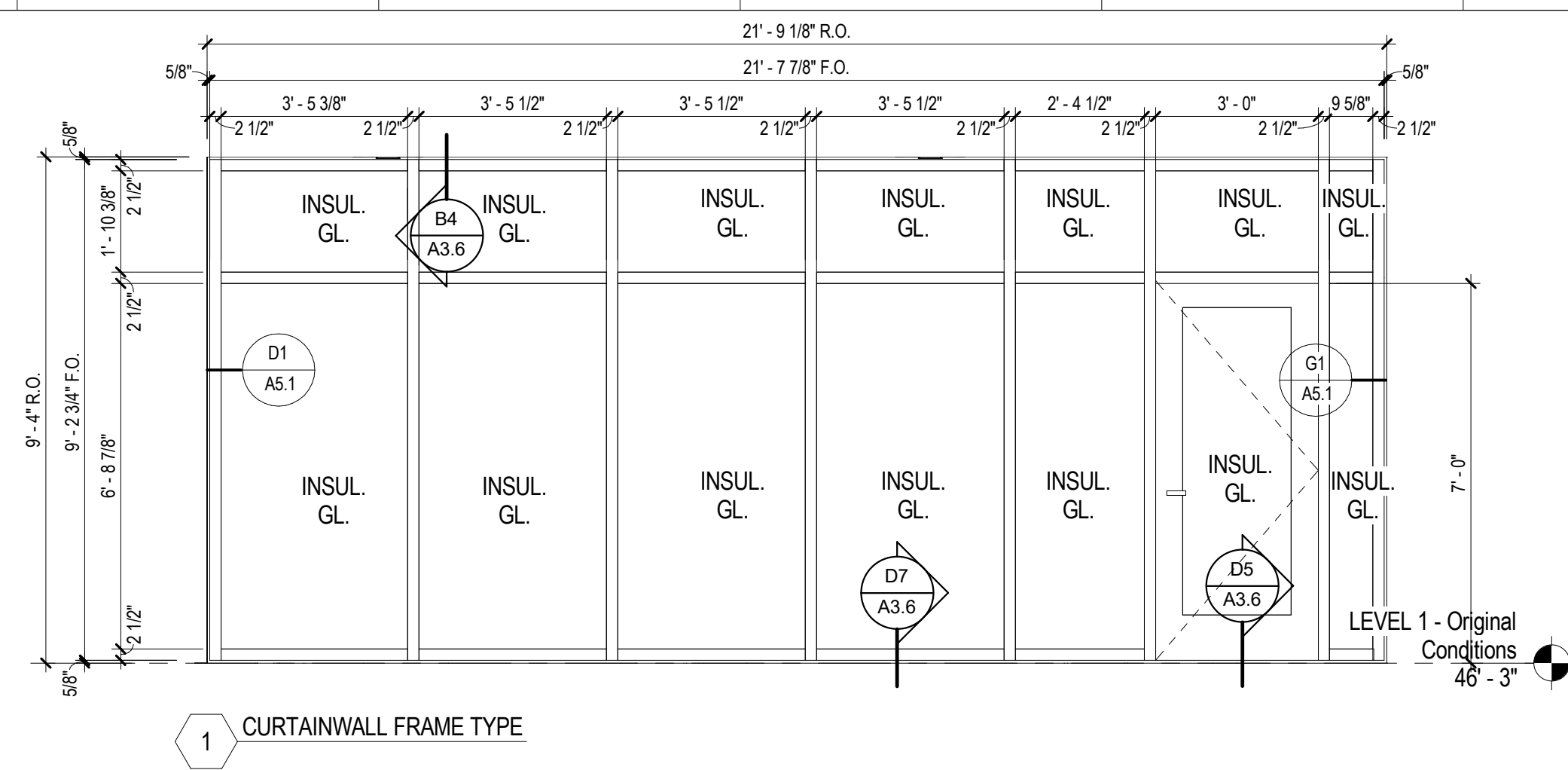
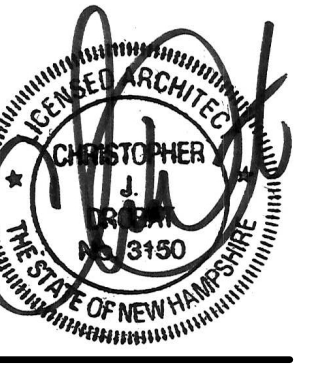
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S15 09 21 16 - ACQUSTIC SMOKE CONSTRUCTION SEE SPECIFICATIONS STC 50

S23 09 21 16 - ACQUSTIC SMOKE CONSTRUCTION SEE SPECIFICATIONS STC 49

S27 2HR - UL #U412 STC 55

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TYPICAL ALL CURTAINWALL:
 VISION GLASS FRAME SECTIONS AND OPERABLE WINDOW UNITS ARE INTENDED TO ALIGN WITH EXISTING REMOVED WINDOW UNIT INTERIOR MASONRY OPENINGS. FIELD VERIFY EXISTING WINDOW FRAME OPENINGS TO CONFIRM ACTUAL NEW CURTAINWALL FRAME DIMENSIONS. SEE SHEET A4.1 AND A5.1 FOR CURTAINWALL FRAME ENLARGED DETAILS

WINDOW & GLASS LEGEND		
	SP-1 INSULATED GLASS SPANDREL PANEL	
	SP-2 INSULATED GLASS SPANDREL PANEL	
	CLEAR GLASS	

STANDARD MULLION CAP, TYP. UNLESS OTHERWISE NOTED USING DESIGNATIONS BELOW		
Mullion Cap Profile Number (BDD Kawneer)	Height (in.)	Projection (in.)
MC-1 832-095	2.5	8.5
MC-2 832-096	2.5	8.5
MC-3 814-591	3	9

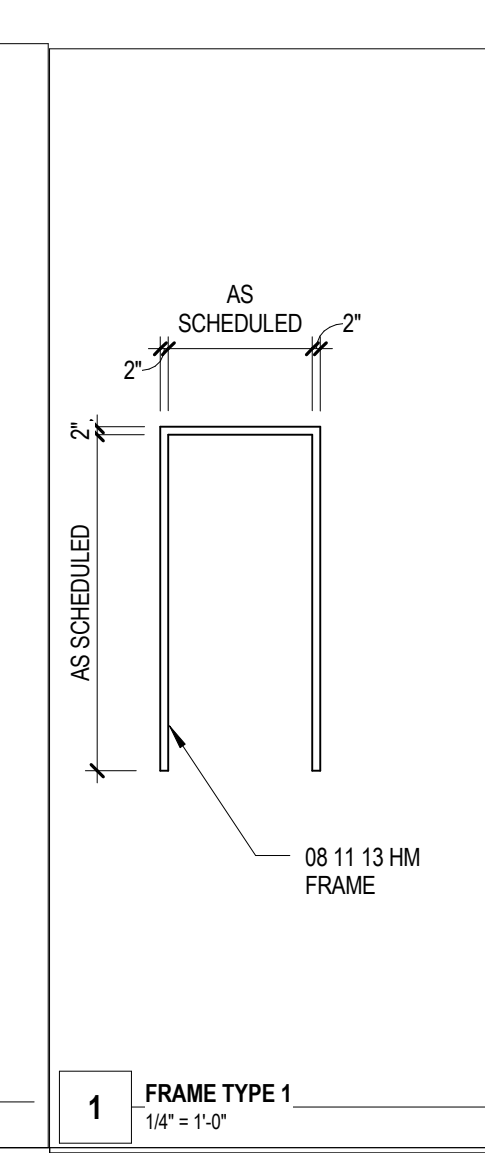
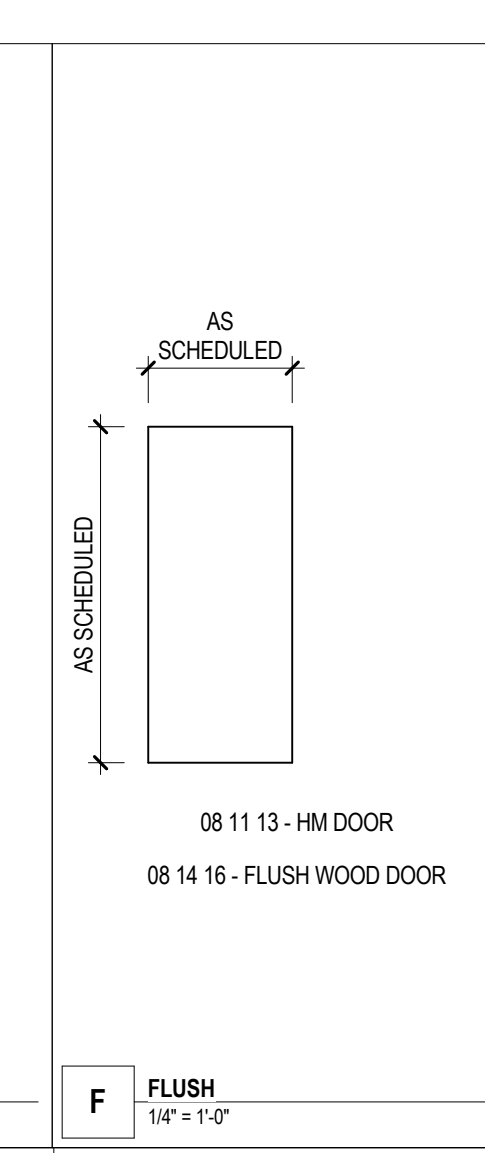
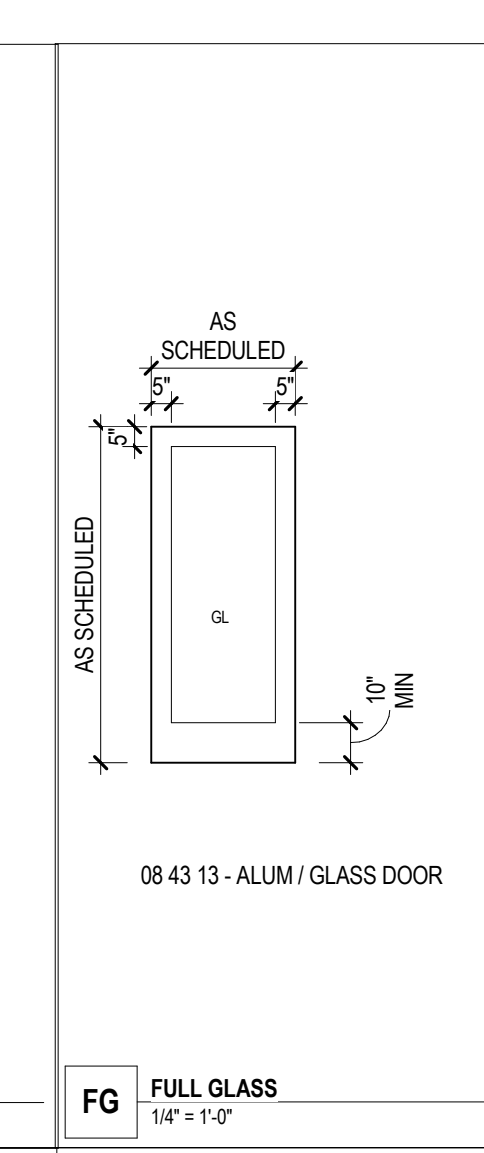
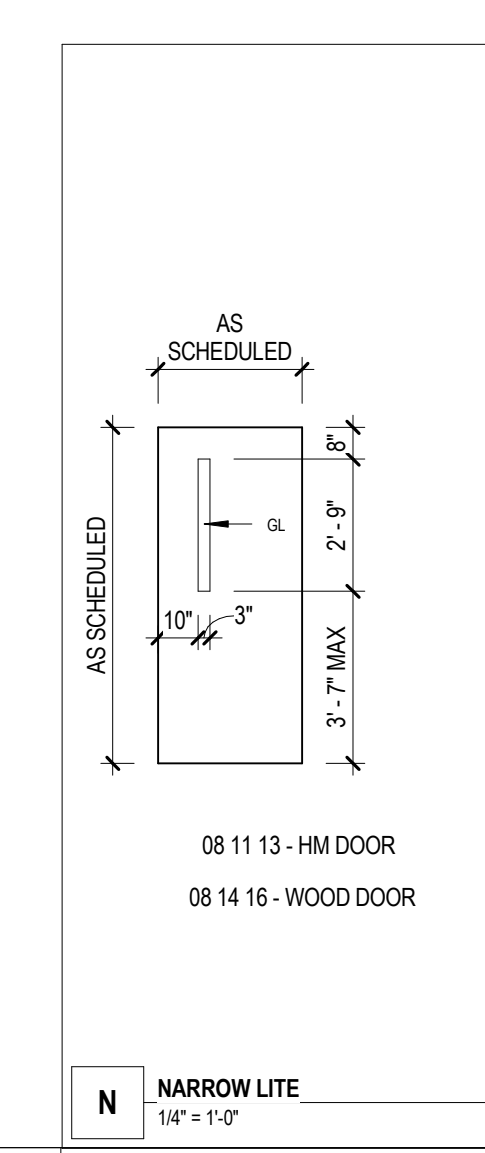
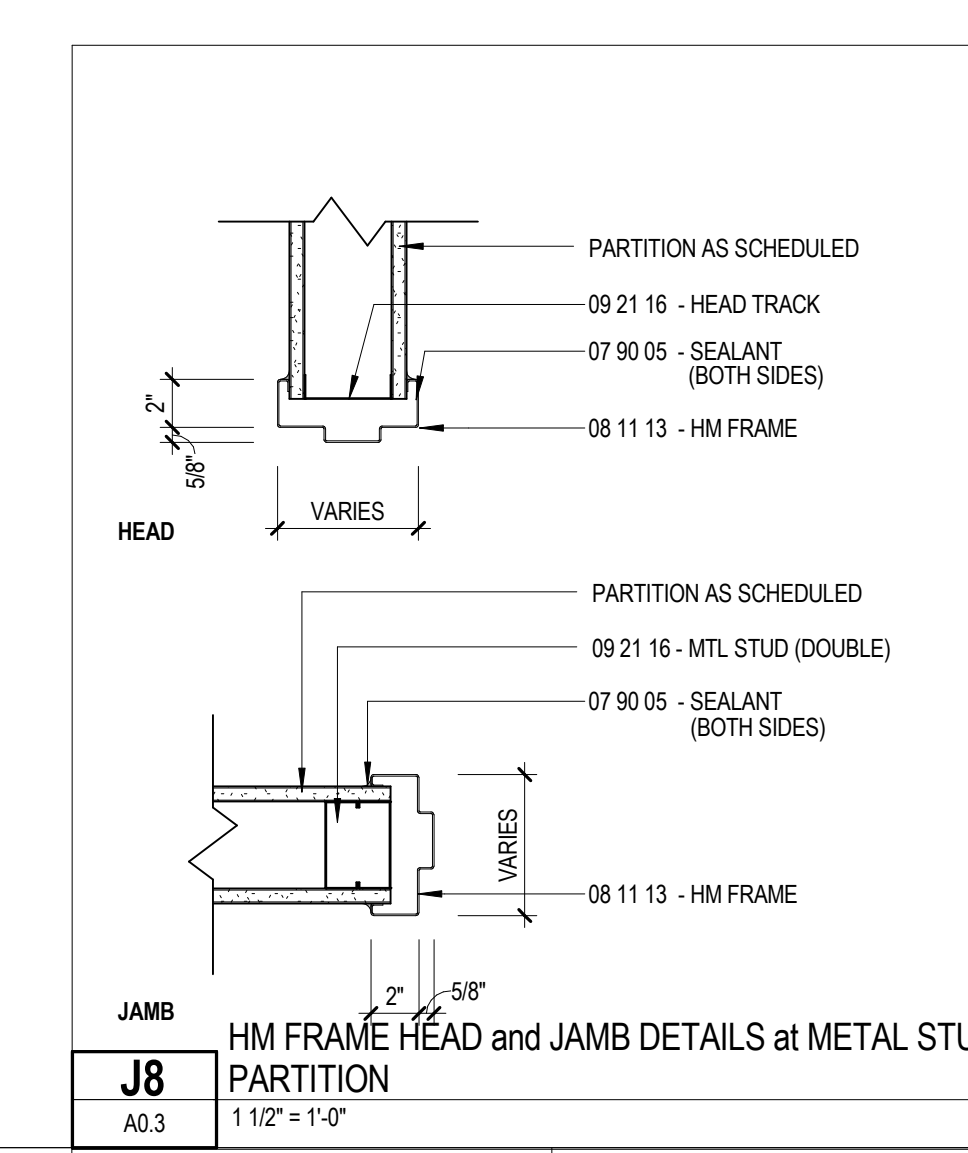
CITY OF PORTSMOUTH

FAÇADE REPLACEMENT & ADDITION - PORTSMOUTH CITY HALL

1 JUNKINS AVENUE
 PORTSMOUTH, NH 03801

NO.	DESCRIPTION	DATE

DOOR & FRAME SCHEDULE w Room Names													
MARK	FROM ROOM		TO ROOM		DOOR				FRAME		HARDWARE SETS	COMMENT S	REVISION
	No.	NAME	No.	NAME	WD	HT	THK	MATL	TYPE	RATING			
002A	001	BASEMENT LEVEL	001	BASEMENT LEVEL	3'-0"	6'-10"	1 3/4"	HM	F		HM	F	SEE SPEC
003A					3'-0"	6'-10"	1 3/4"	HM	F		HM	F	SEE SPEC
004A					4'-0"	7'-0"	1 3/4"	HM	F		HM	F	SEE SPEC
005A					3'-0"	7'-0"	1 3/4"	HM	F		HM	F	SEE SPEC
100A					3'-0"	6'-11 3/8"	1 3/4"	ALUM	FG		ALUM	FG	SEE SPEC
100B					3'-0"	7'-0"	1 3/4"	ALUM	FG		ALUM	FG	SEE SPEC
102A					3'-0"	7'-0"	1 3/4"	WD	F		HM	F	SEE SPEC
105A			105	EXIST SOUTH STAIR	3'-8"	7'-0"	1 3/4"	HM	F		HM	F	SEE SPEC
106A	106	EXIST EAST STAIR			3'-0"	7'-0"	1 3/4"	HM	F		HM	F	SEE SPEC
501A	501	EXISTING PENTHOUSE			6'-0"	7'-0"	1 3/4"	HM	F		HM	F	SEE SPEC



CONTENT:
 CURTAINWALL, DOOR AND FRAME TYPES & DETAILS

DRAWN BY: Author

PROJECT NO: 16-042-00

DATE: 02/17/2017

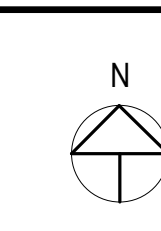
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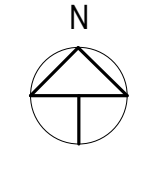


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CONTENT:
CURTAINWALL AND FRAME TYPES

DRAWN BY: Author

PROJECT NO: 16-042-00

DATE: 02/17/2017

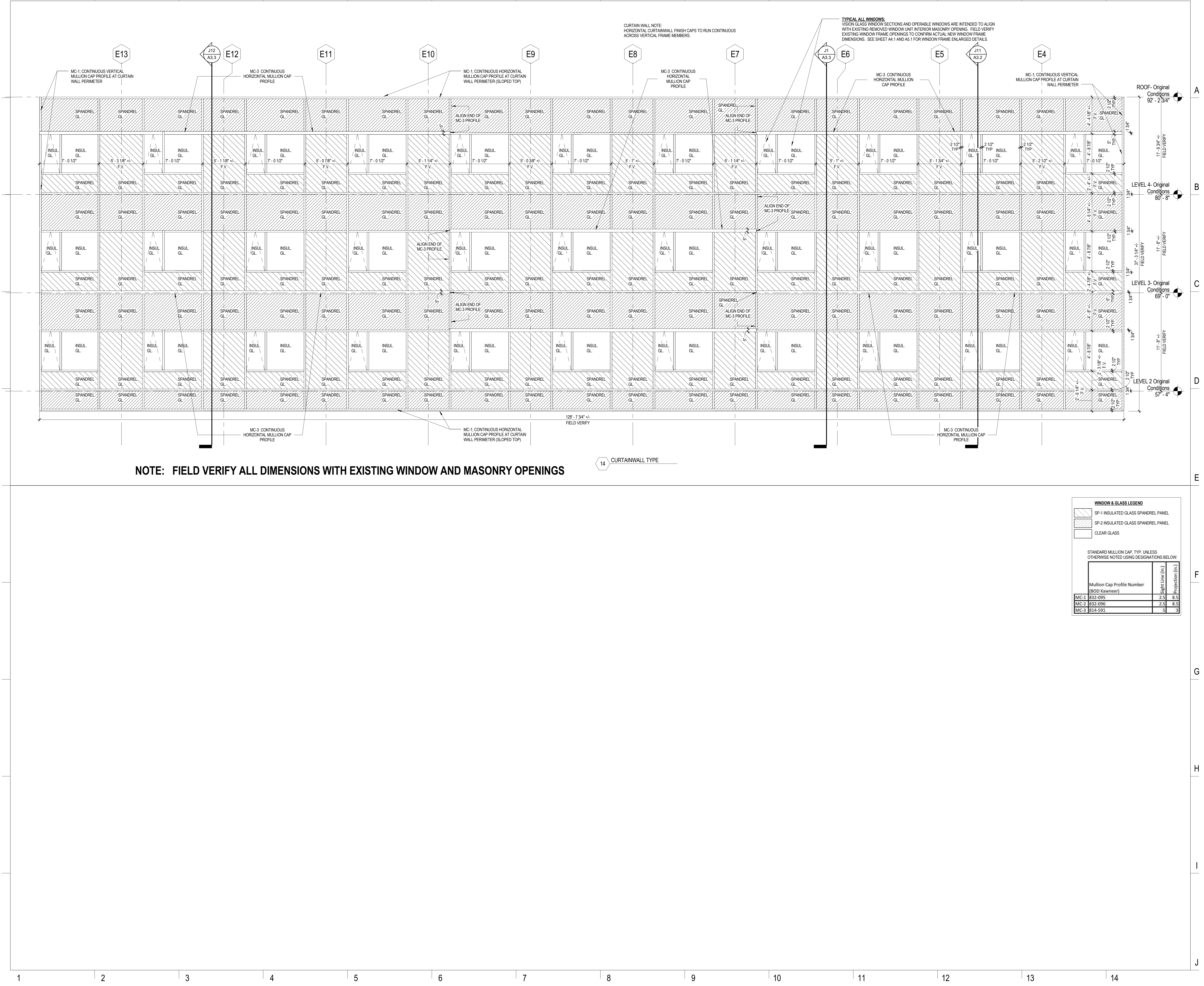
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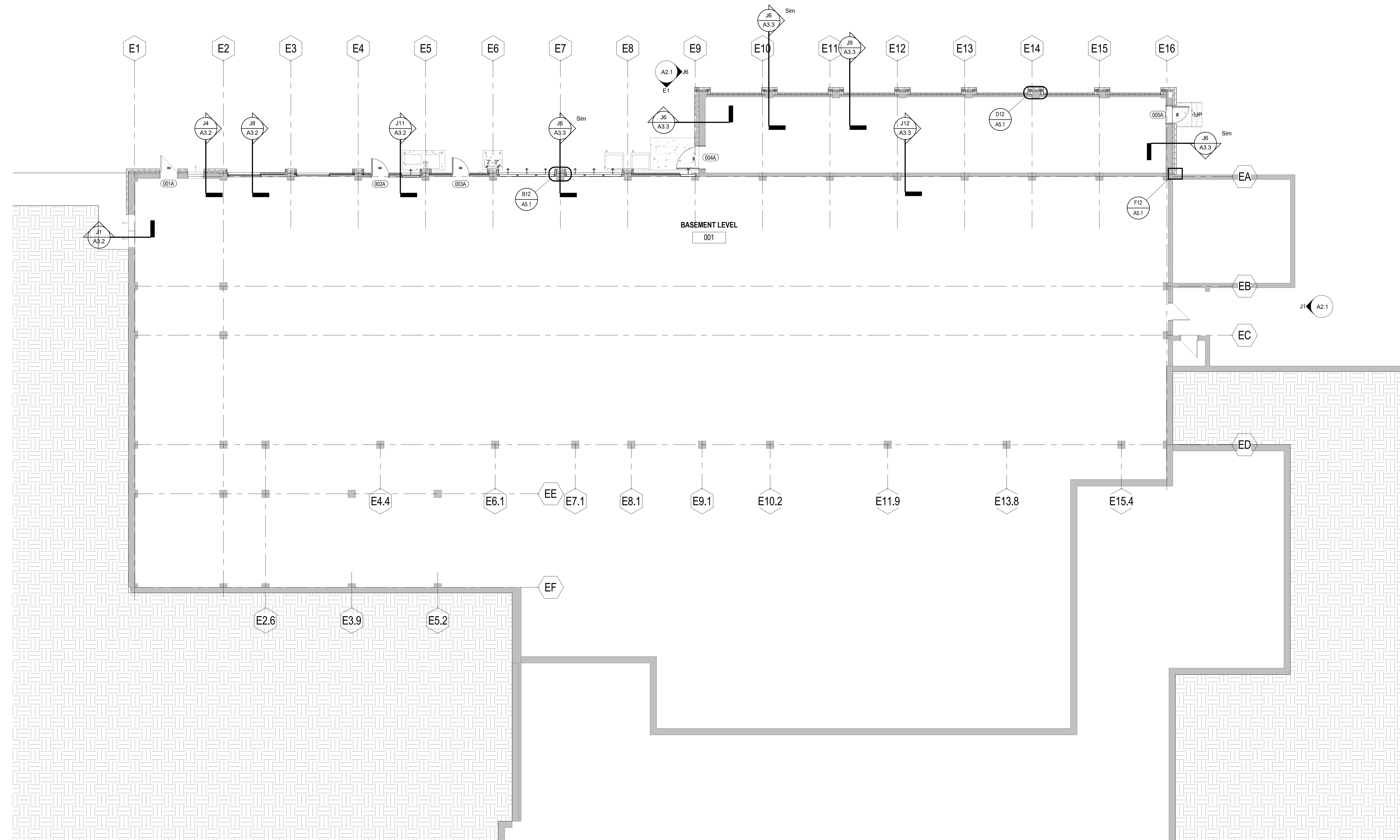
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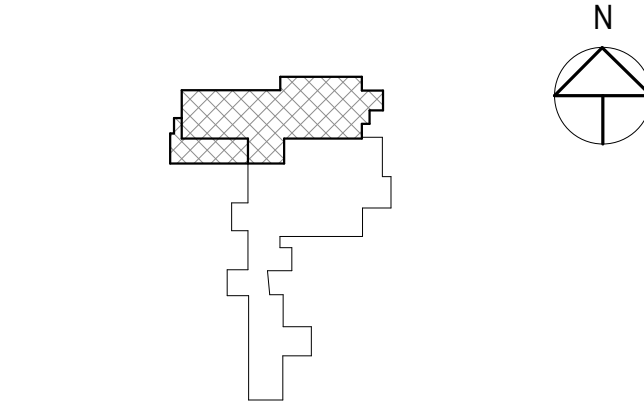


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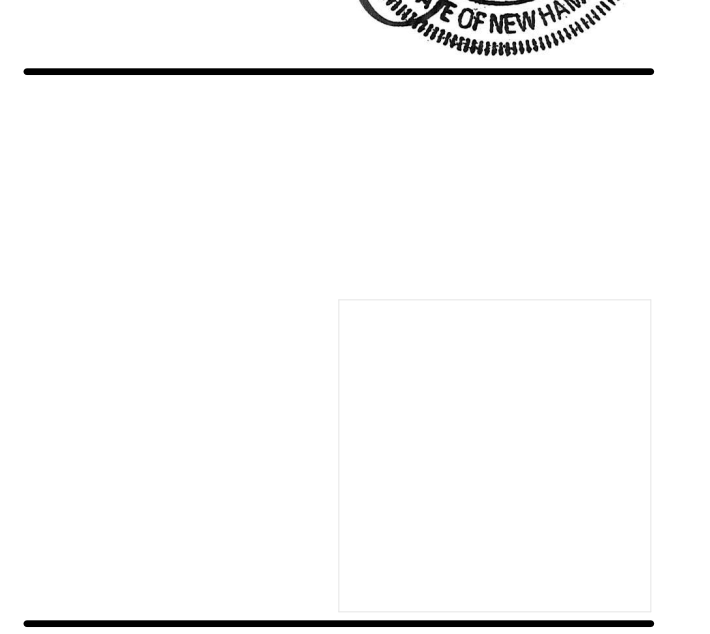
NO.	DESCRIPTION	DATE



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PROJECT NO:	16-042-00
DATE:	02/17/2017
REVISED:	
SCALE:	As indicated
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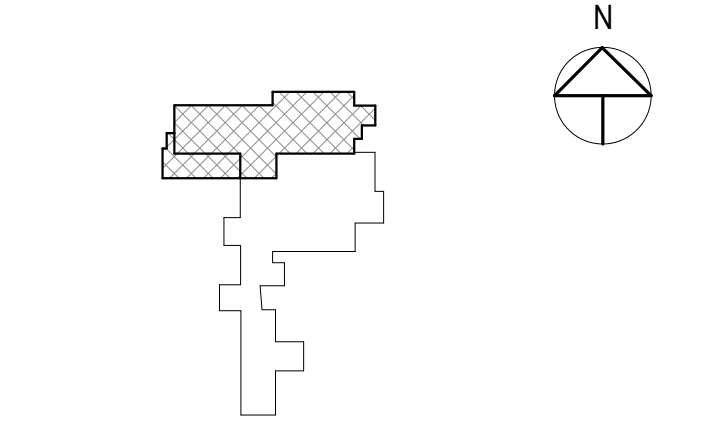


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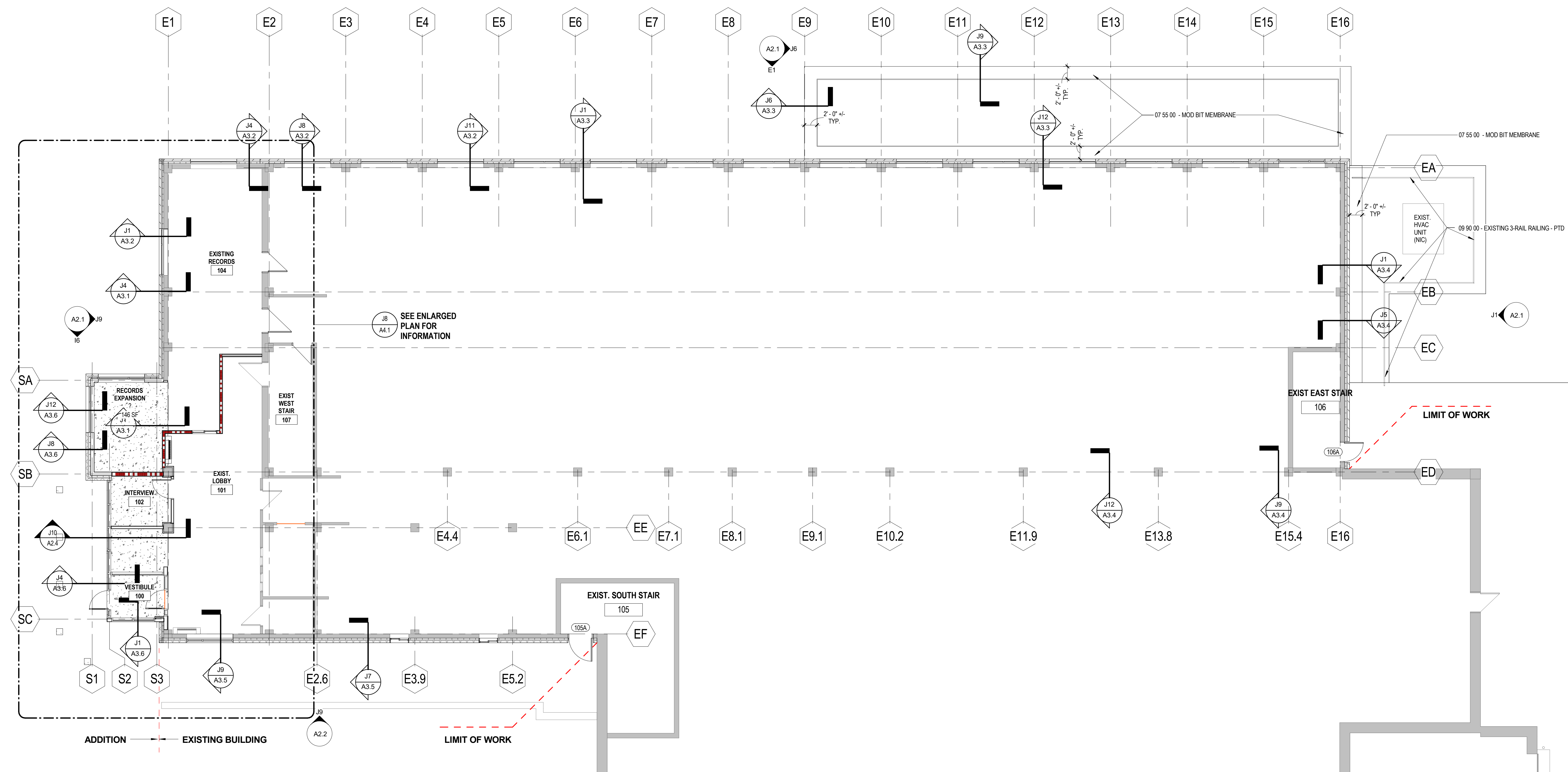
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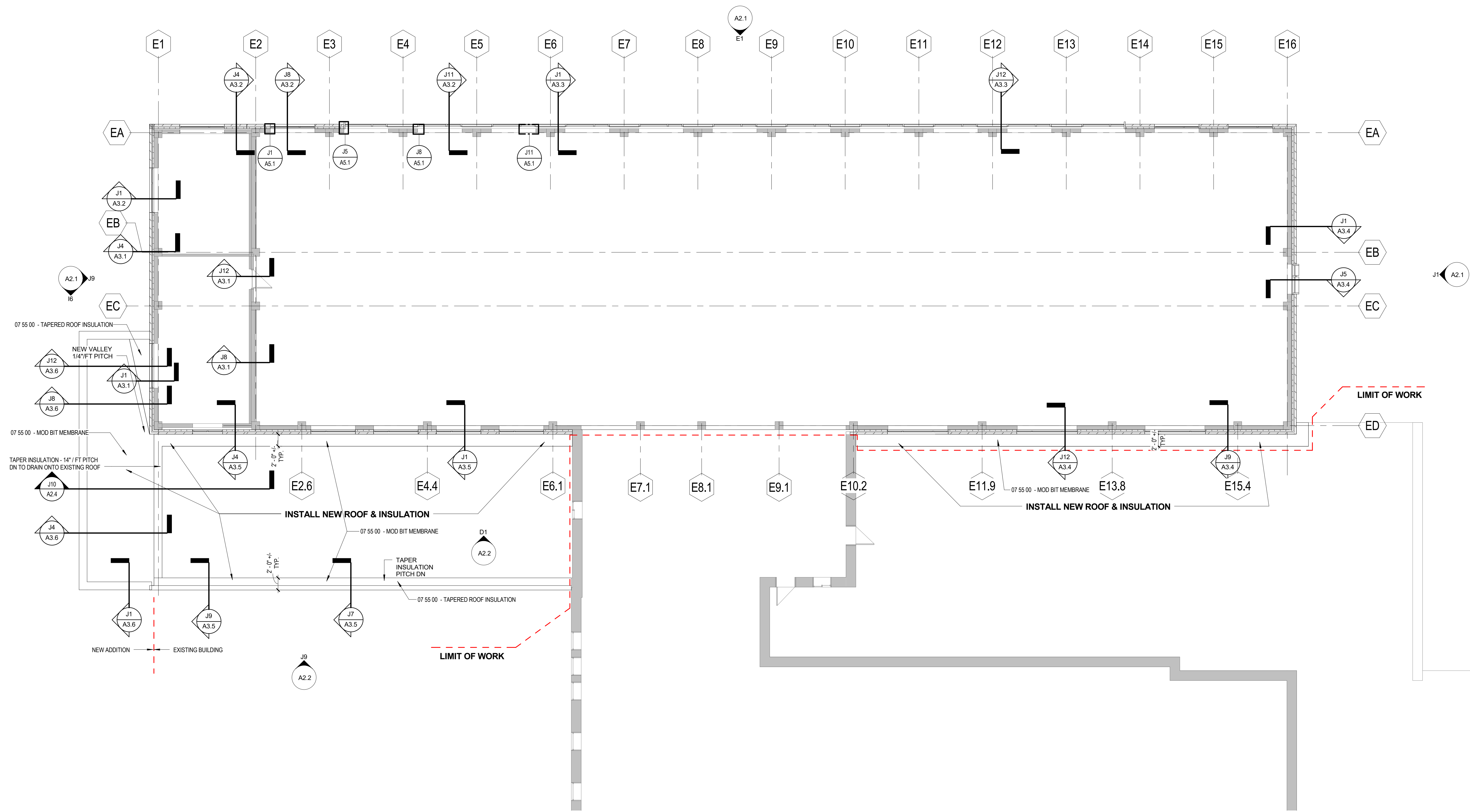
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PROJECT NO.:	16-042-00
DATE:	02/17/2017
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SCALE:	As indicated
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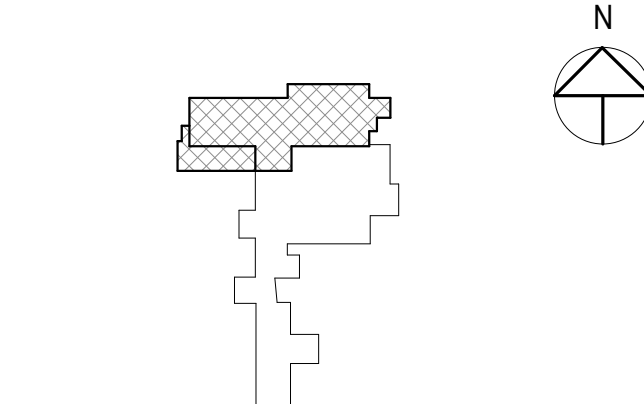


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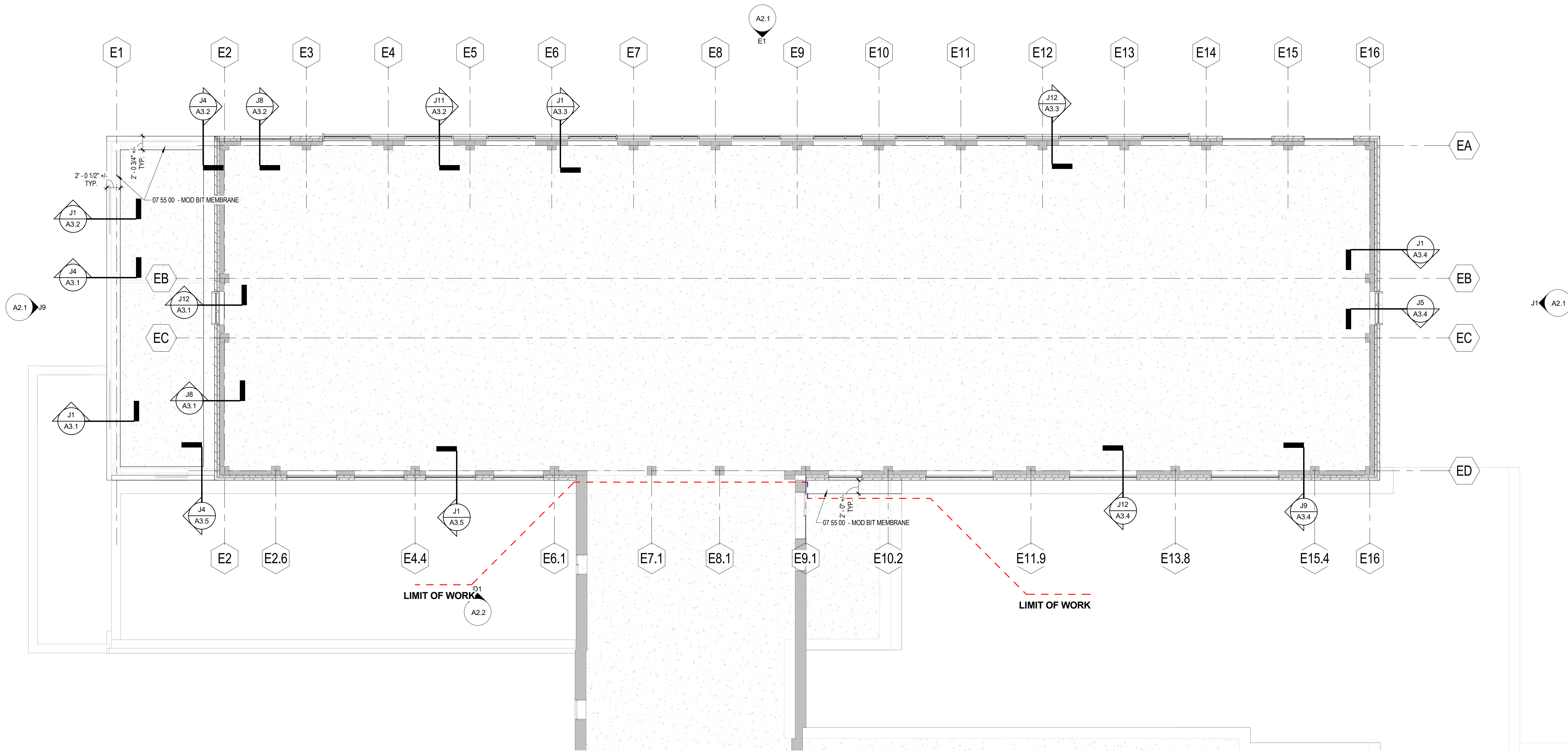
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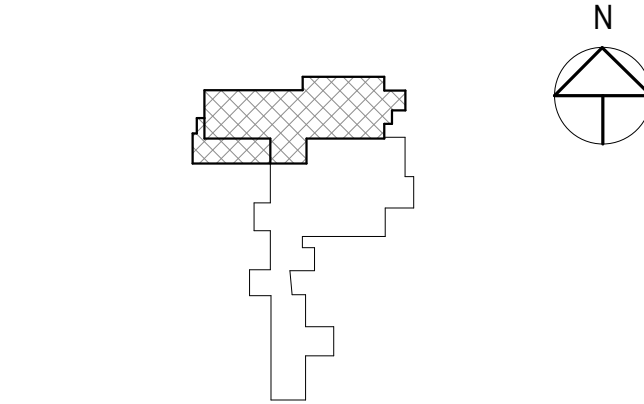


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PROJECT NO.:	16-042-00
DATE:	02/17/2017
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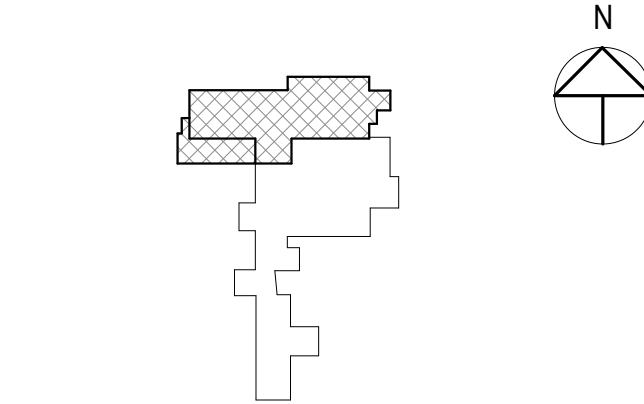
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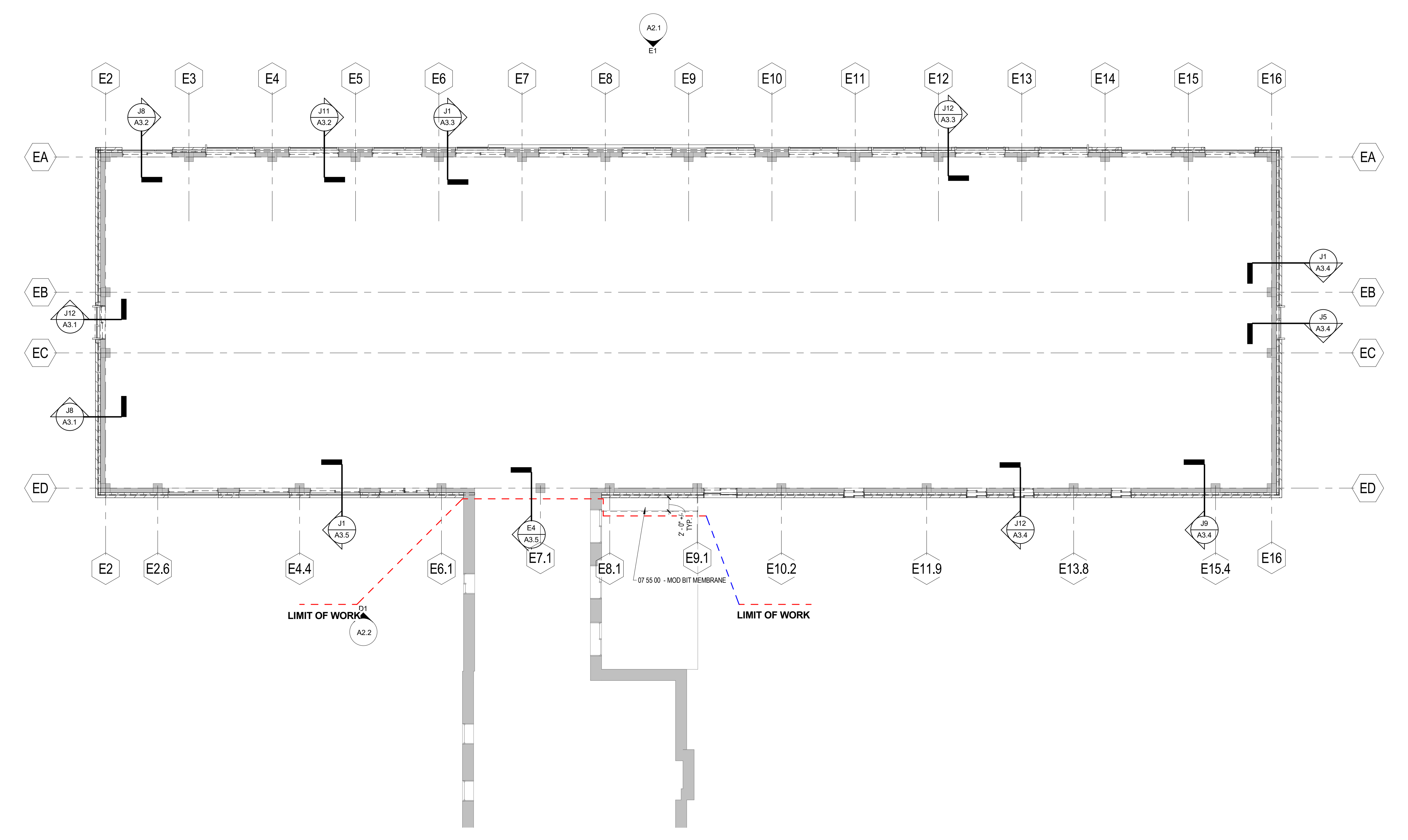
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PROJECT NO:	16-042-00
DATE:	02/17/2017
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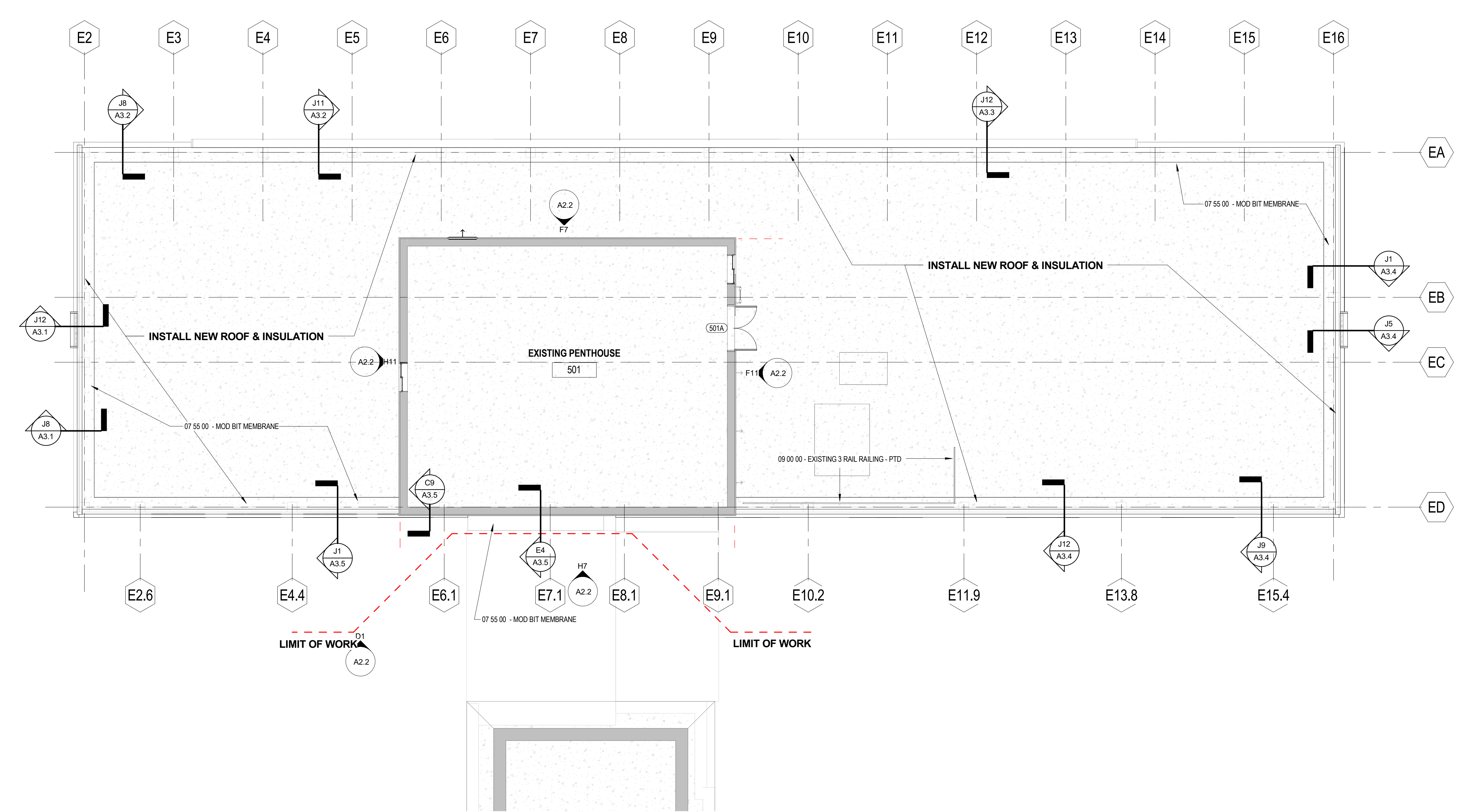


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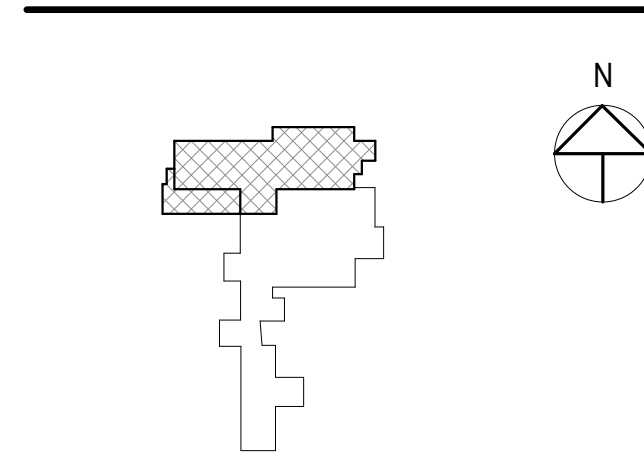


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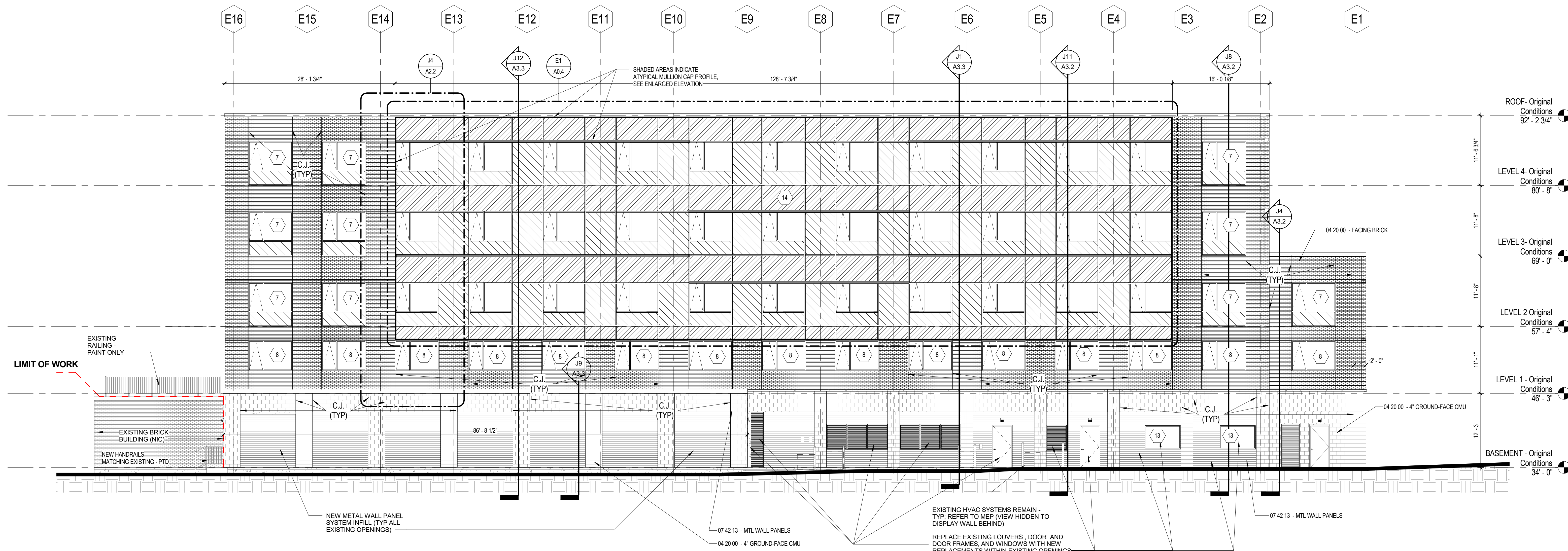
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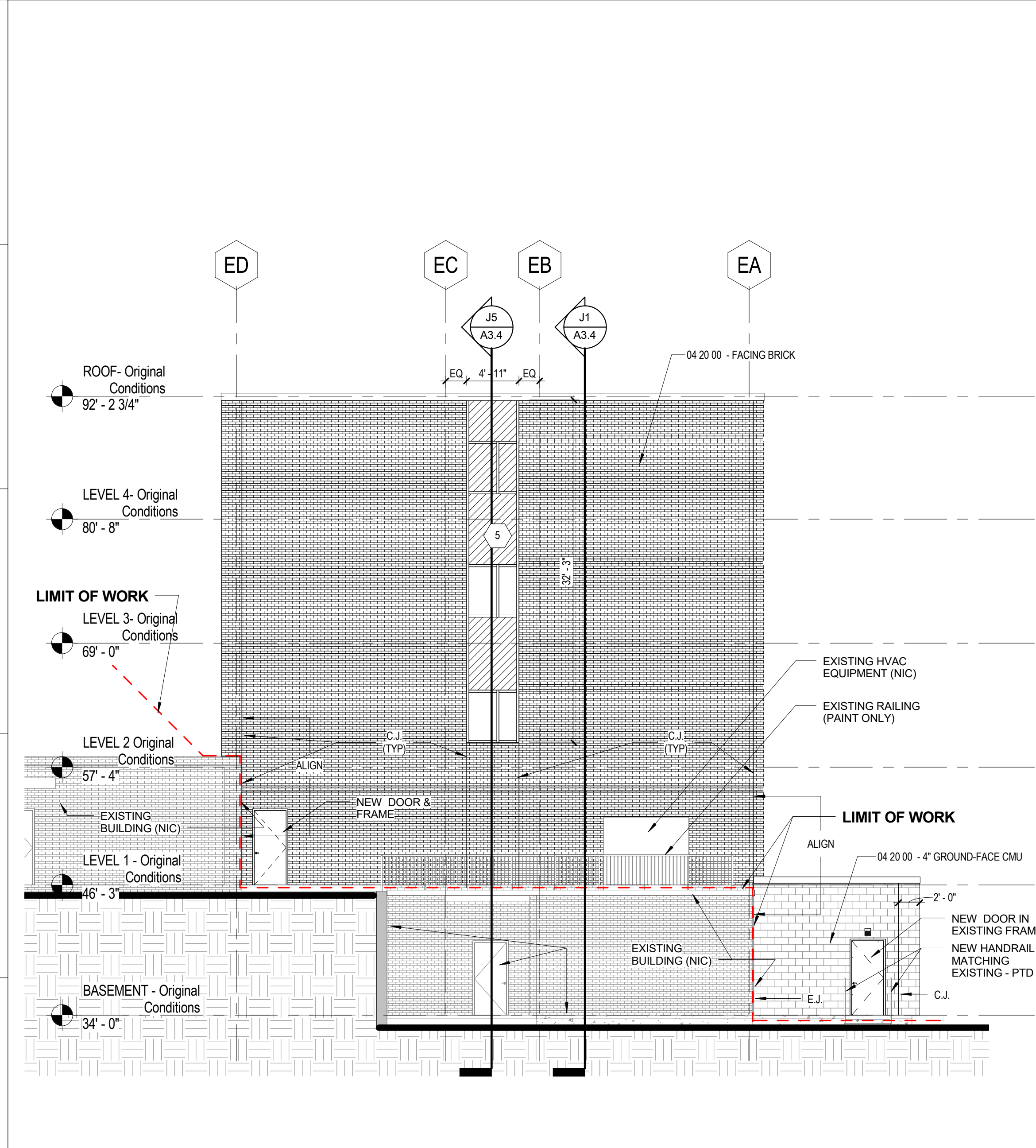
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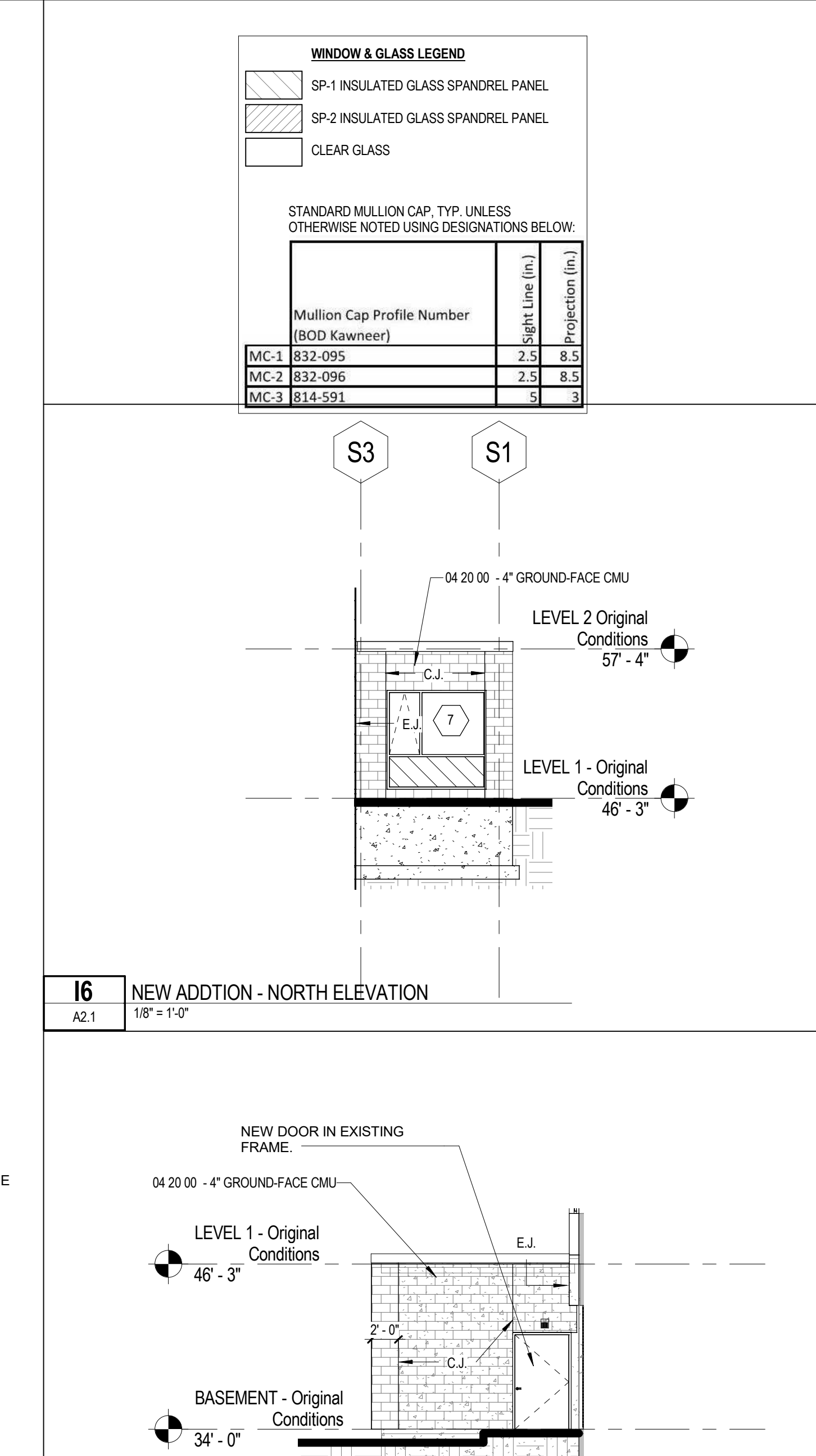
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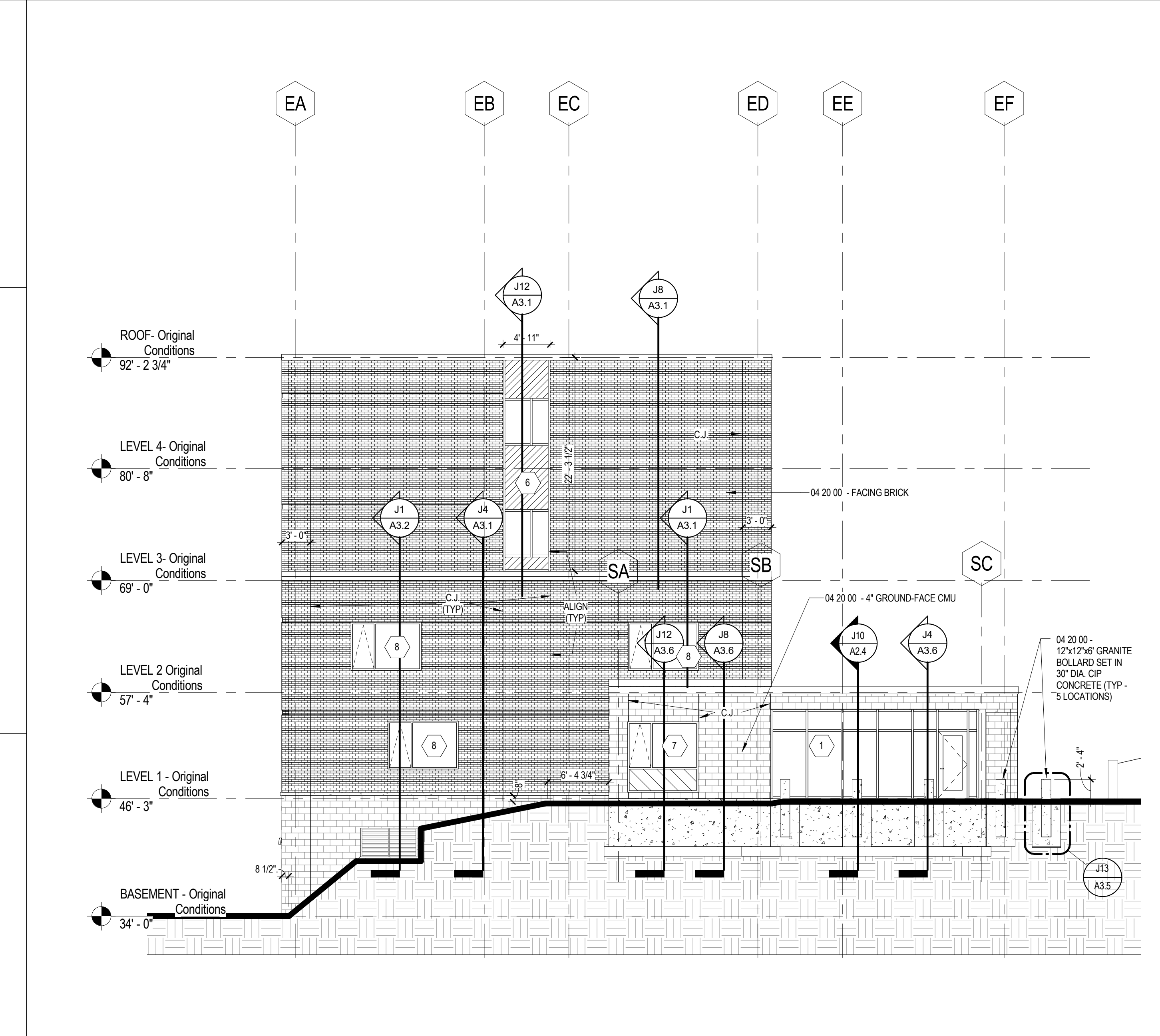
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A2.1 1/8" = 1'-0"



J1 NEW EAST ELEVATION - NORTH WING
A2.1 1/8" = 1'-0"



J6 NEW WEST ELEVATION - NORTH WING - BASEMENT LEVEL
A2.1 1/8" = 1'-0"



J9 NEW WEST ELEVATION - NORTH WING
A2.1 1/8" = 1'-0"

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CONTENT:
EXTERIOR ELEVATIONS

DRAWN BY: Author

PROJECT NO: 16-042-00

DATE: 02/17/2017

REVISED:

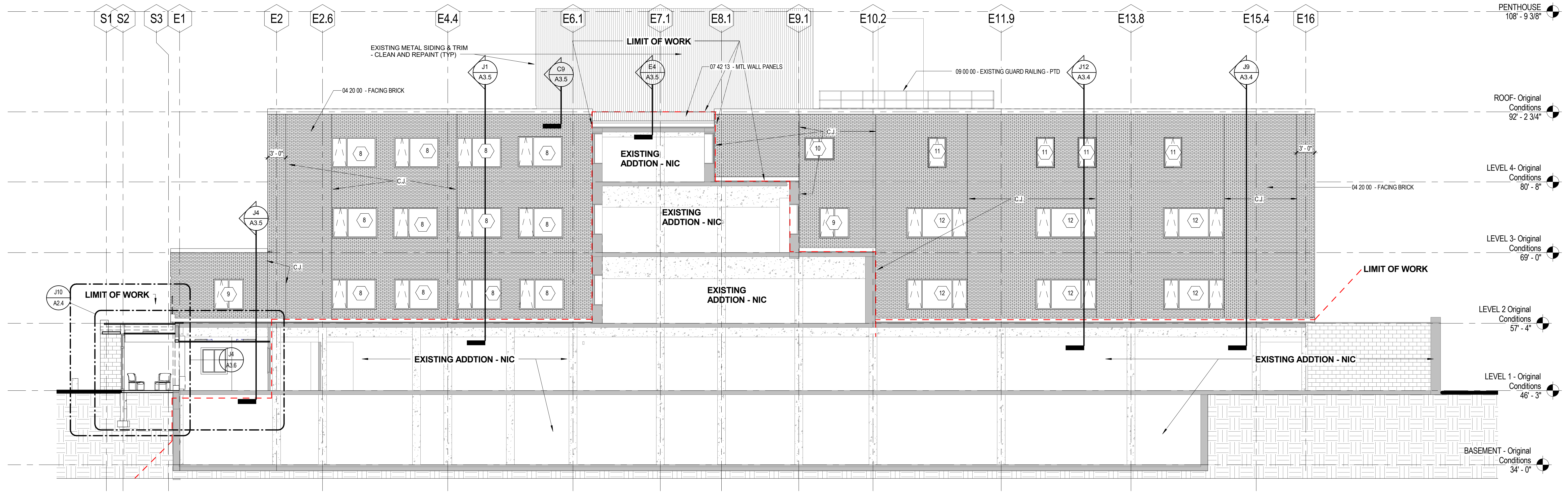
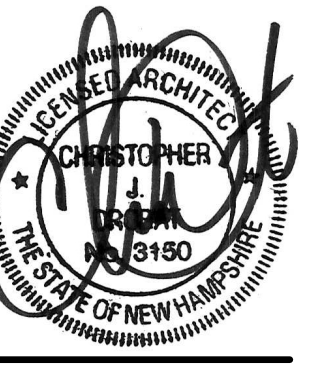
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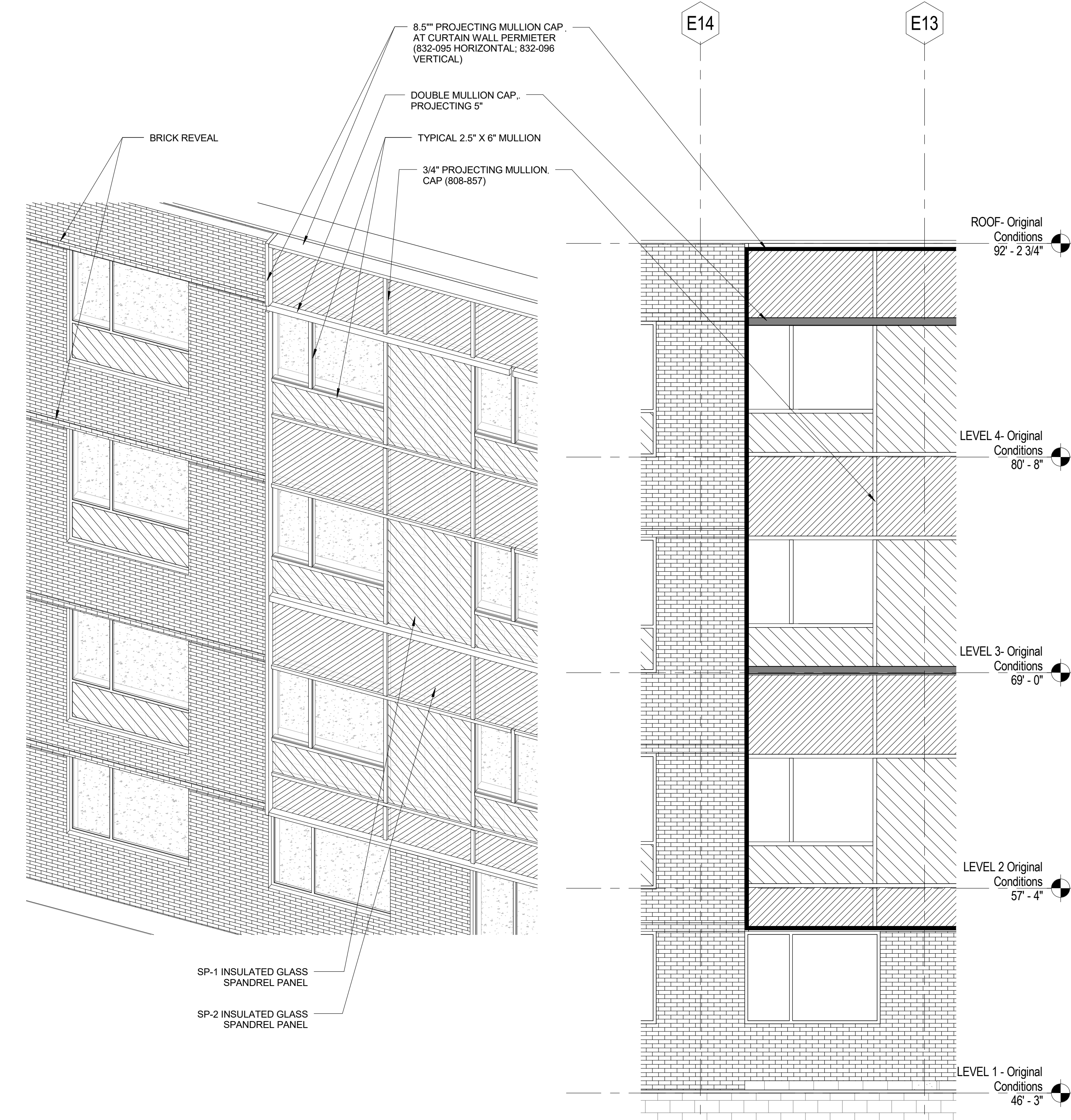
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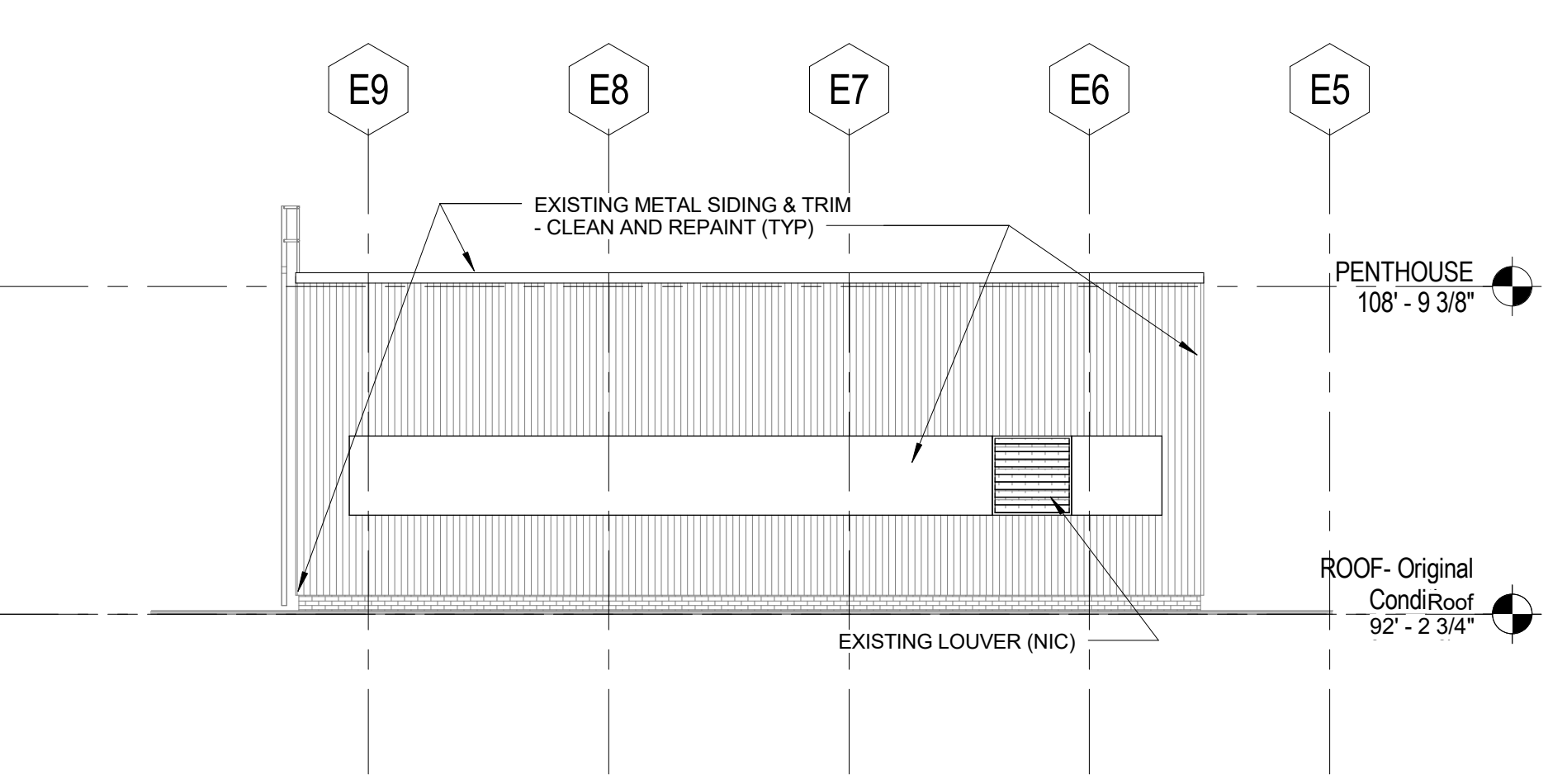
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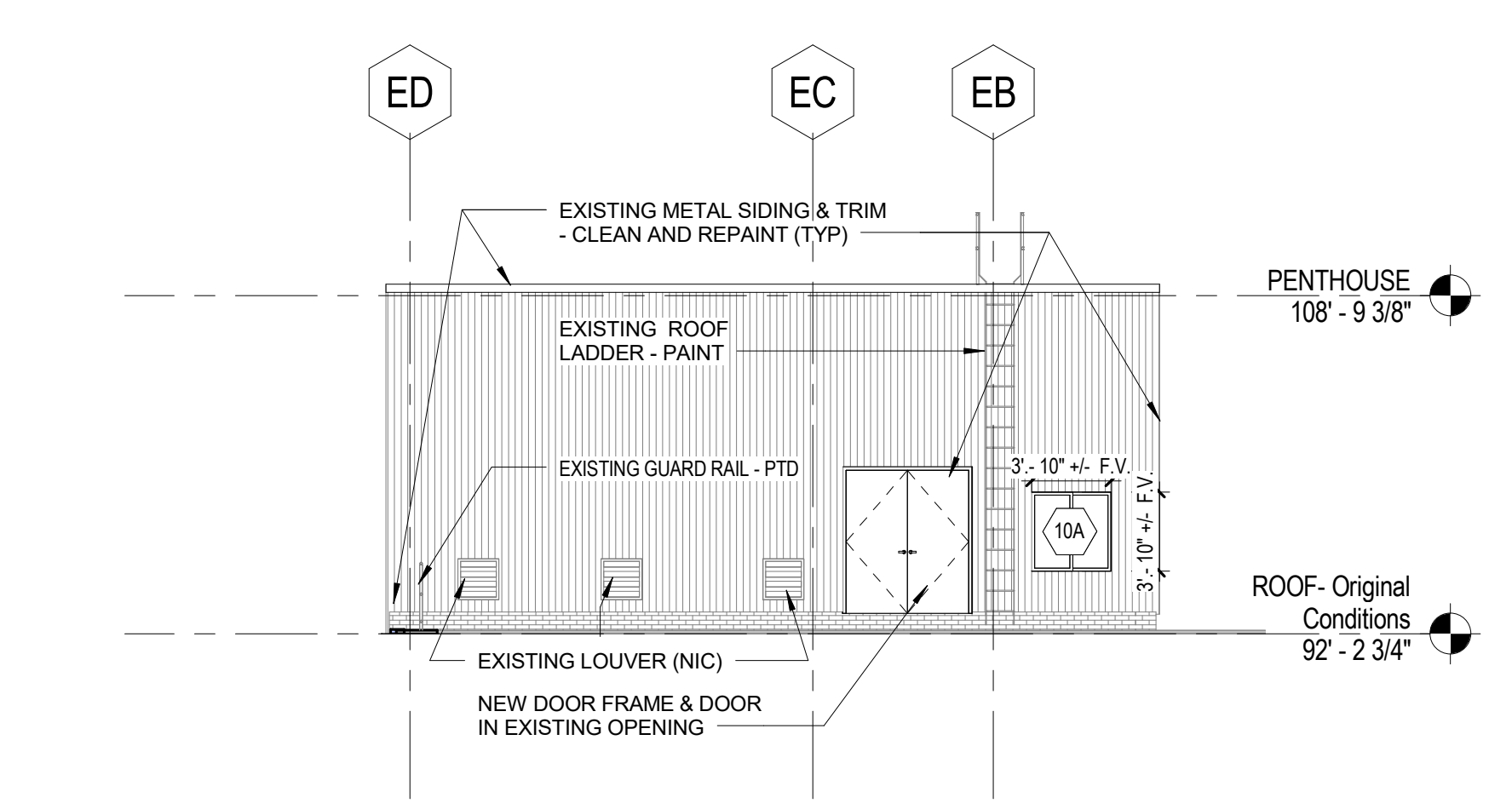
D1
A2.2
Elevation 3 - a
1/8" = 1'-0"



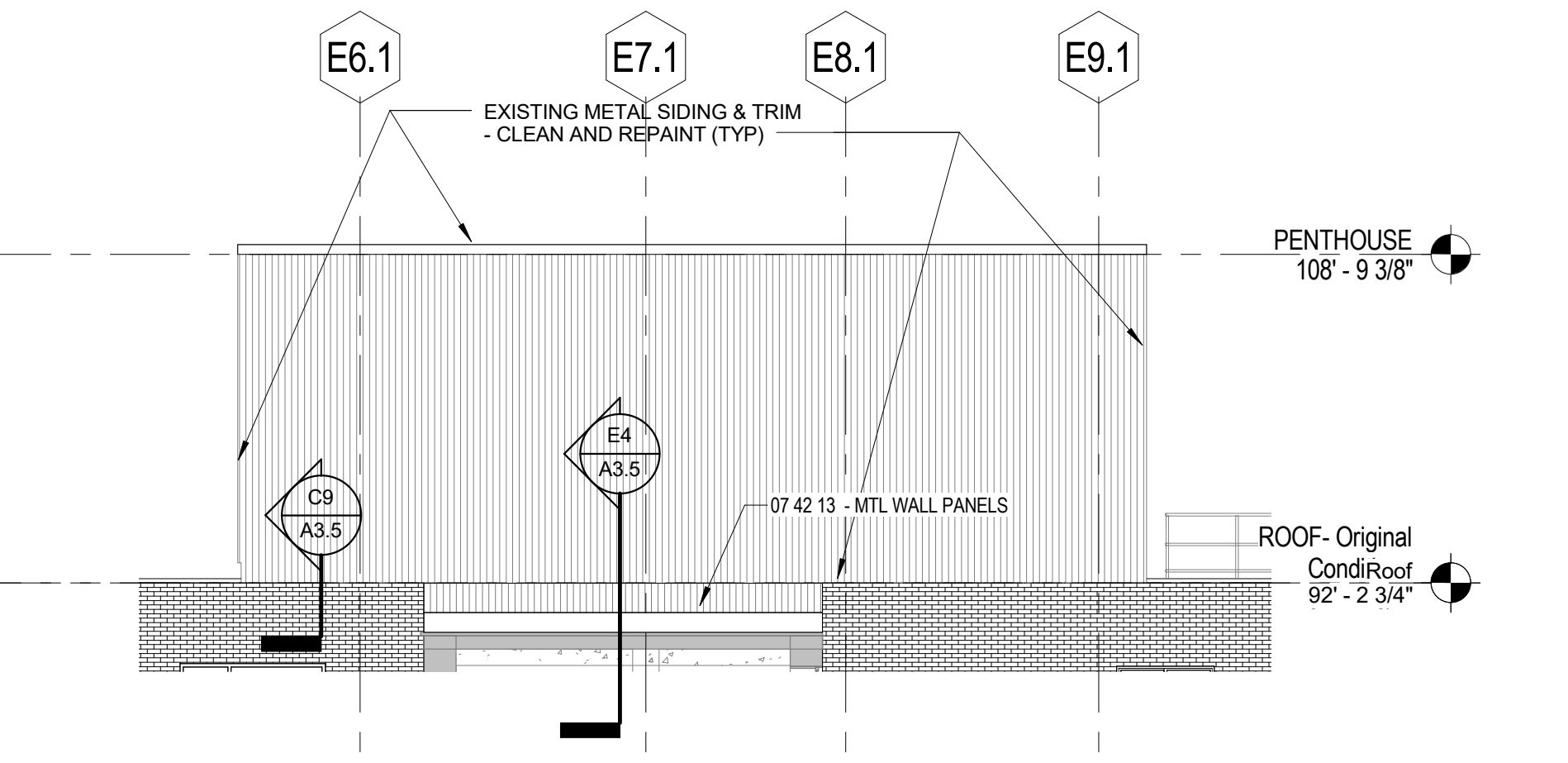
J4
A2.2
Enlarged Curtain Wall Views
1/4" = 1'-0"



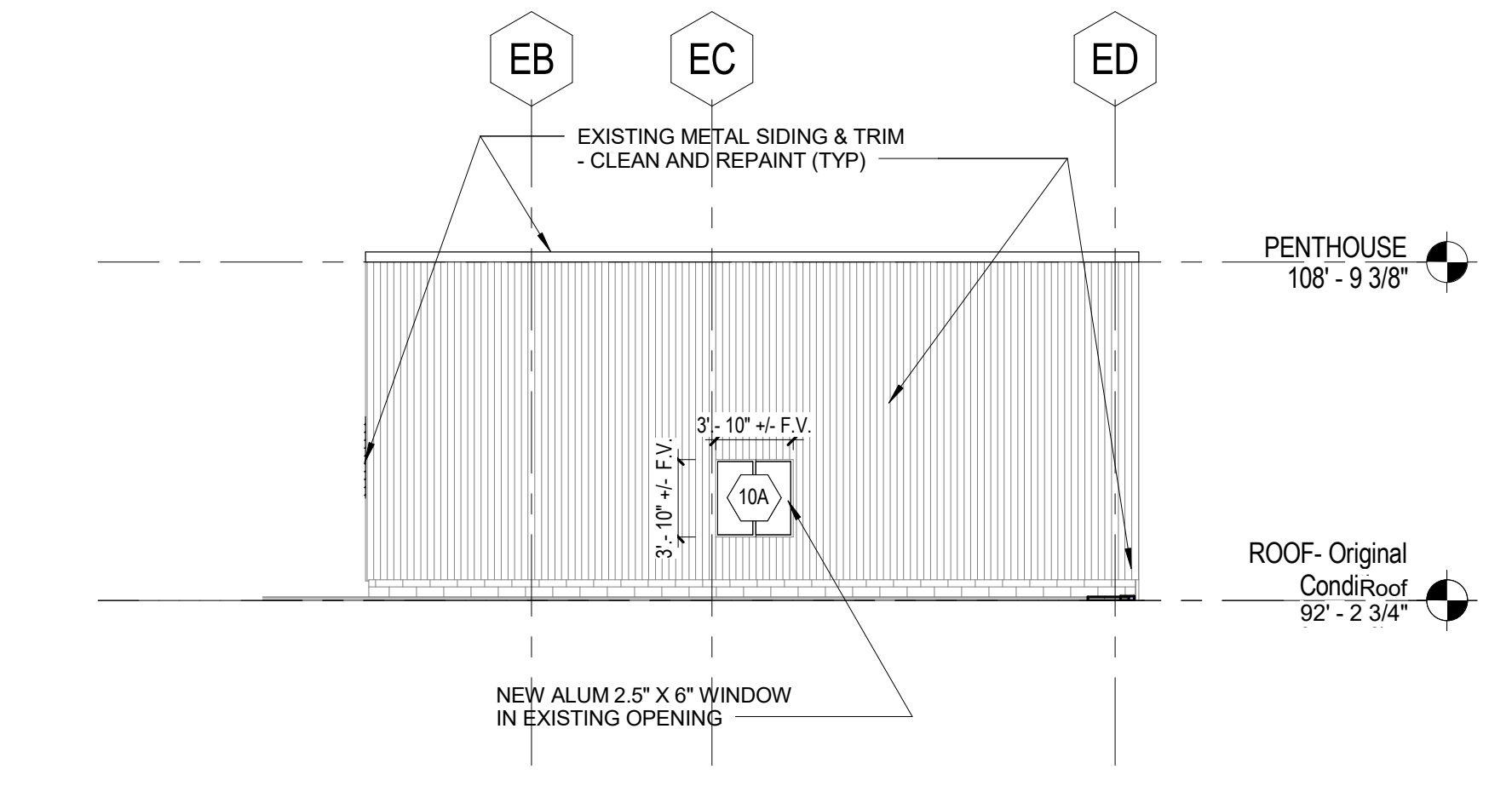
F7
A2.2
NEW NORTH ELEVATION - NORTH WING - PENTHOUSE
1/8" = 1'-0"



F11
A2.2
NEW EAST ELEVATION - NORTH WING - PENTHOUSE
1/8" = 1'-0"

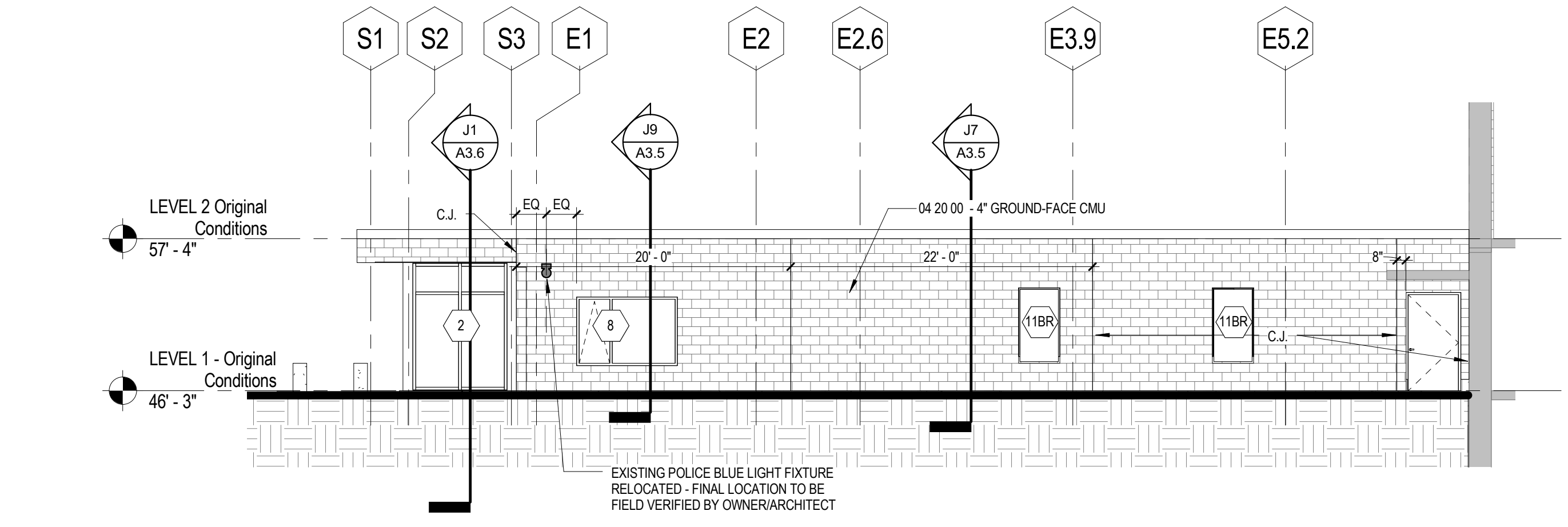


H7
A2.2
NEW SOUTH ELEVATION - NORTH WING - PENTHOUSE
1/8" = 1'-0"



H11
A2.2
NEW WEST ELEVATION NORTH WING - PENTHOUSE
1/8" = 1'-0"

WINDOW & GLASS LEGEND		
	SP-1 INSULATED GLASS SPANDEL PANEL	
	SP-2 INSULATED GLASS SPANDEL PANEL	
	CLEAR GLASS	
STANDARD MULLION CAP, TYP UNLESS OTHERWISE NOTED USING DESIGNATIONS BELOW:		
Mullion Cap Profile Number (BOD Kawneer)	Height (in.)	Projection (in.)
MC-1 832-095	2.5	8.5
MC-2 832-096	2.5	8.5
MC-3 814-591	3	3



J9
A2.2
NEW SOUTH ELEVATION - LEVEL 1 - NORTH WING
1/8" = 1'-0"

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1 Junktins Avenue
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NO.	DESCRIPTION	DATE

CONTENT:
EXTERIOR ELEVATIONS

DRAWN BY: Author

PROJECT NO: 16-042-00

DATE: 02/17/2017

REVISED:

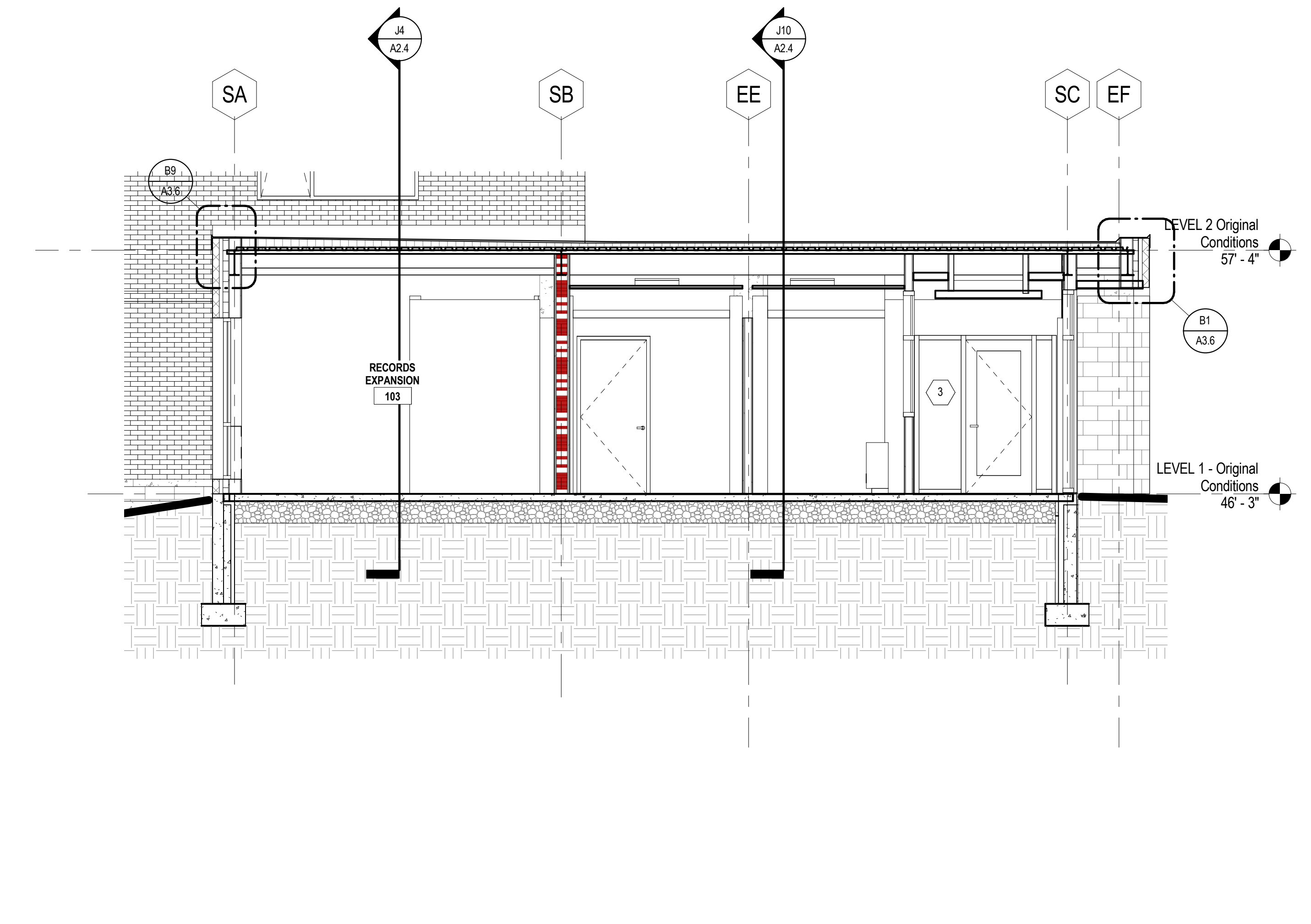
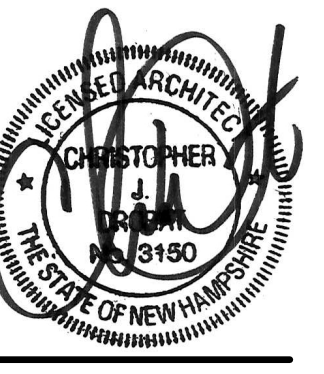
SCALE: As indicated

A2.2

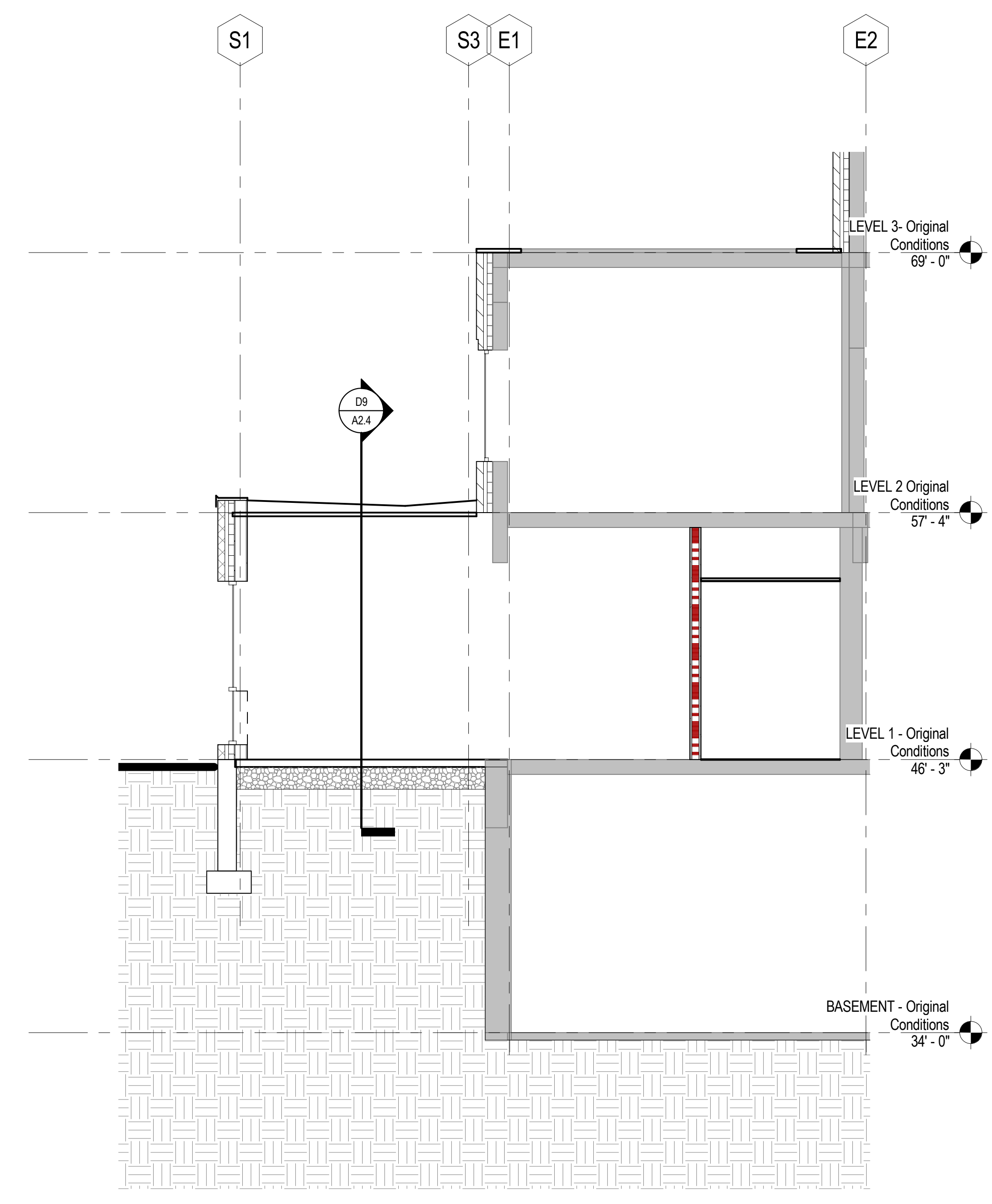
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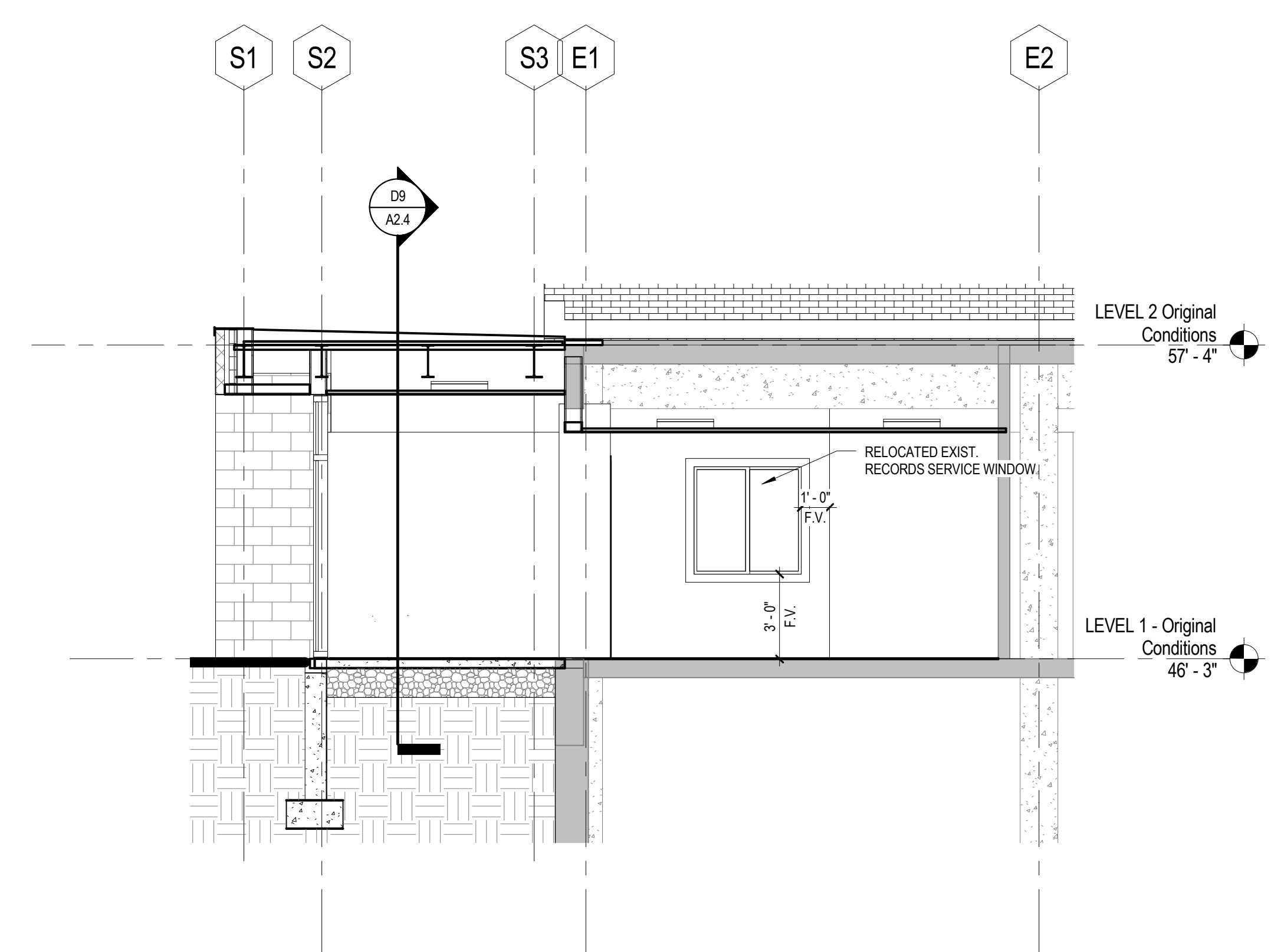
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D9 SECTION AT PD ENTRANCE VESTIBULE
A2.4 1/4" = 1'-0"



J4 WALL SECTION @ NEW ADDITION THRU MEETING ROOM
A2.4 1/4" = 1'-0"



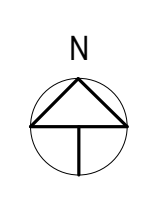
J10 WALL SECTION @ NEW ADDITION LOBBY
A2.4 1/4" = 1'-0"

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CONTENT: BUILDING SECTIONS	
DRAWN BY:	Author
PROJECT NO:	16-042-00
DATE:	02/17/2017
REVISED:	
SCALE:	1/4" = 1'-0"
A2.4	
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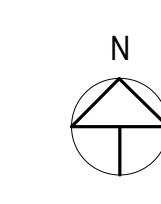
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CONTENT:
WALL SECTIONS

DRAWN BY: Author

PROJECT NO: 16-042-00

DATE: 02/17/2017

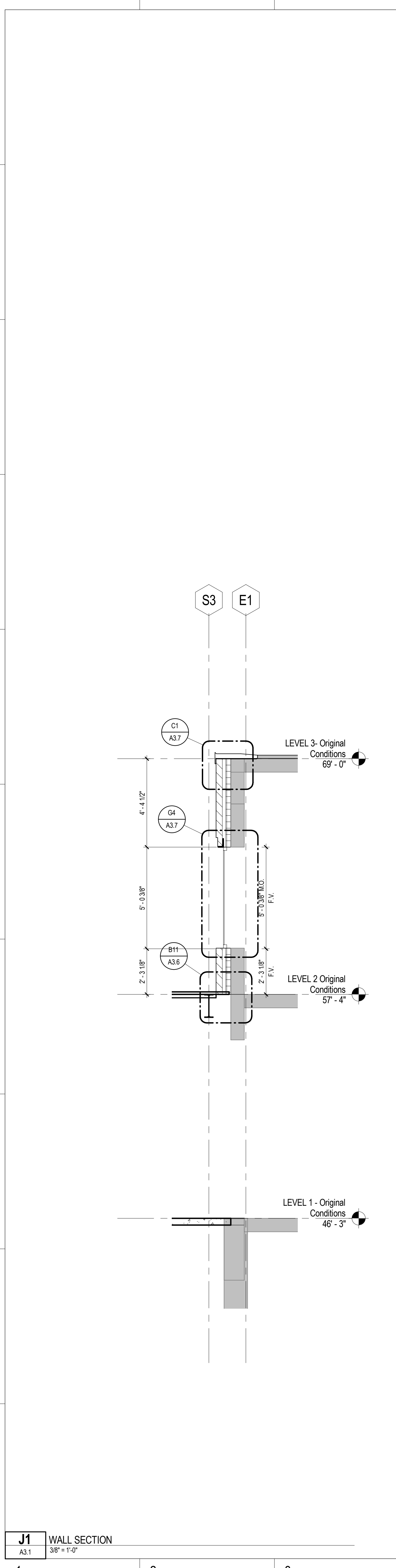
REVISED:

SCALE: 3/8" = 1'-0"

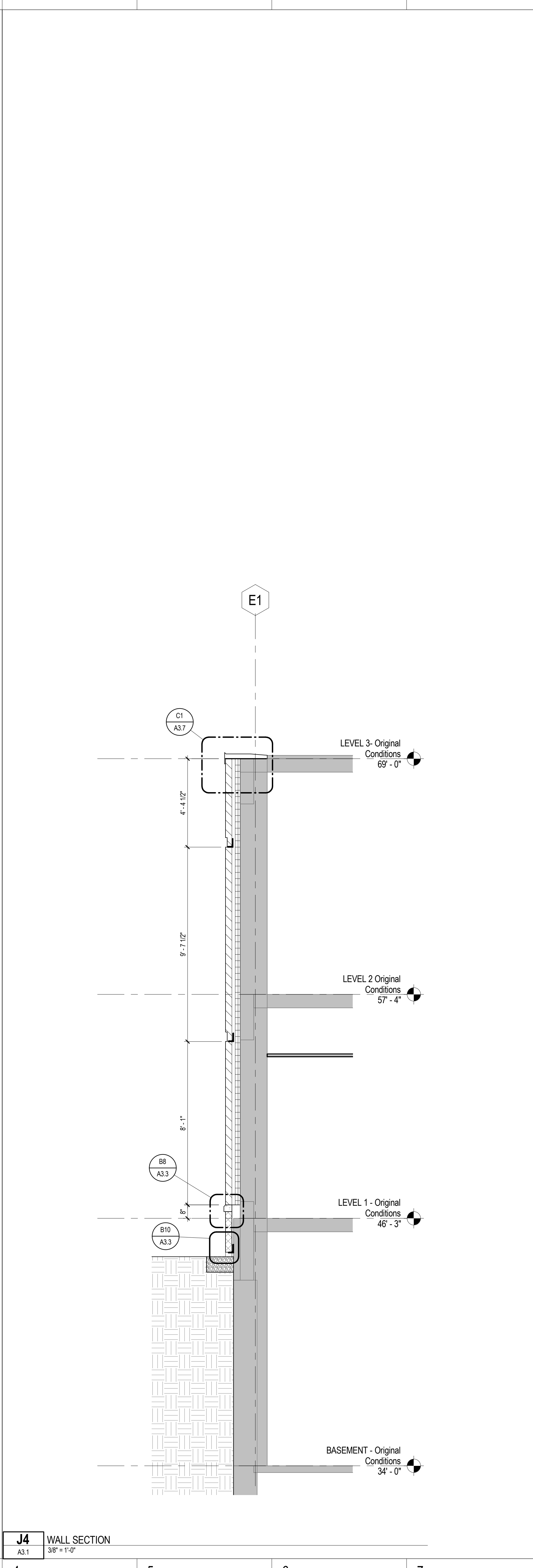
A3.1

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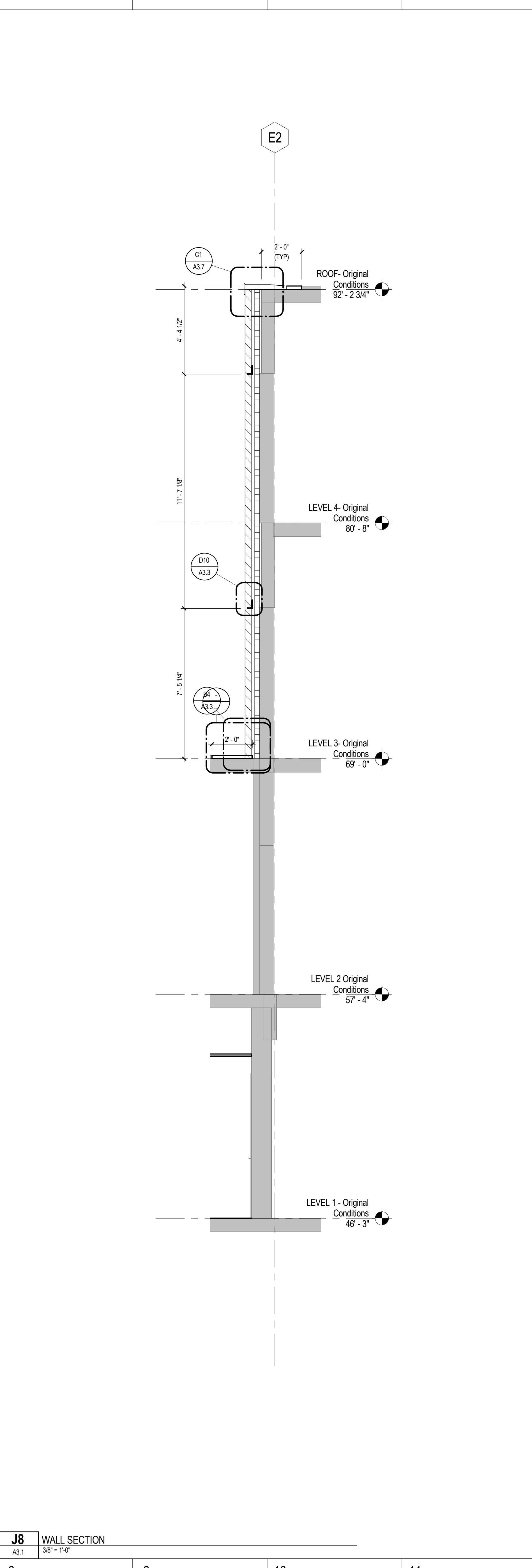
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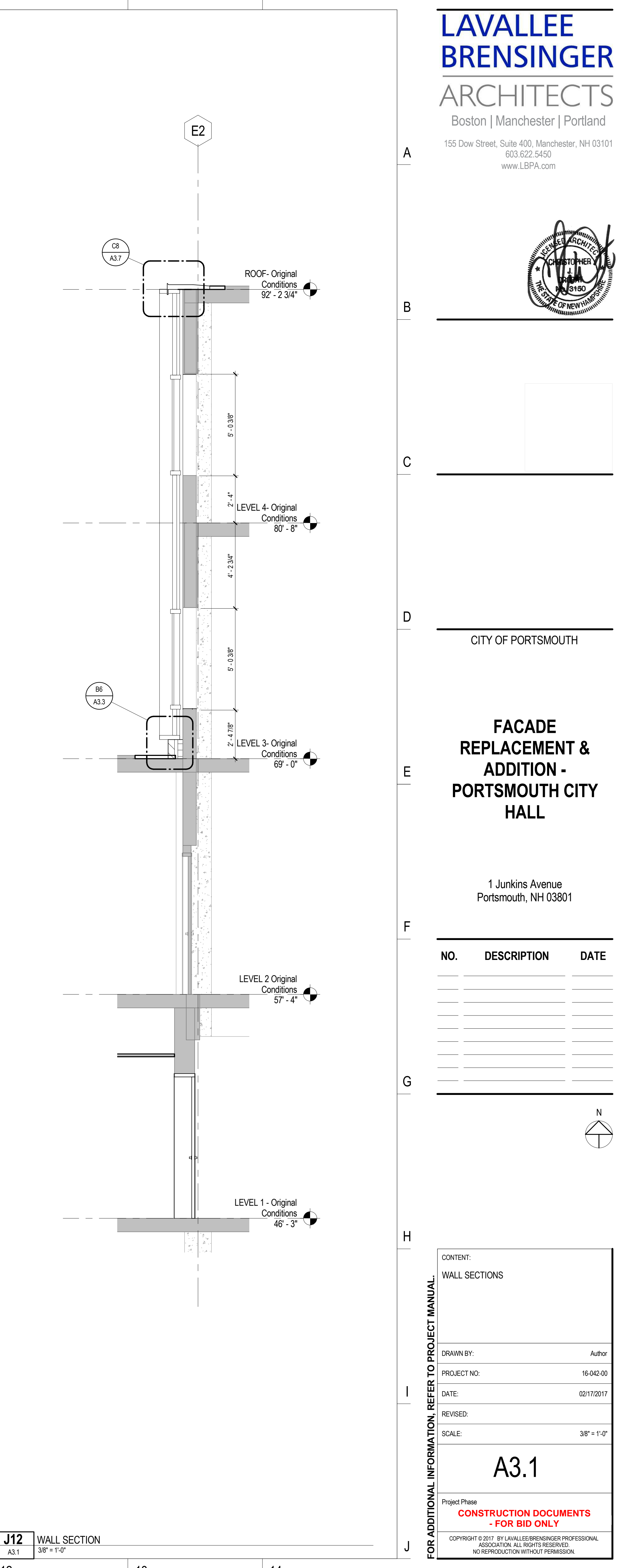
J1 WALL SECTION
A3.1 3/8" = 1'-0"



J4 WALL SECTION
A3.1 3/8" = 1'-0"

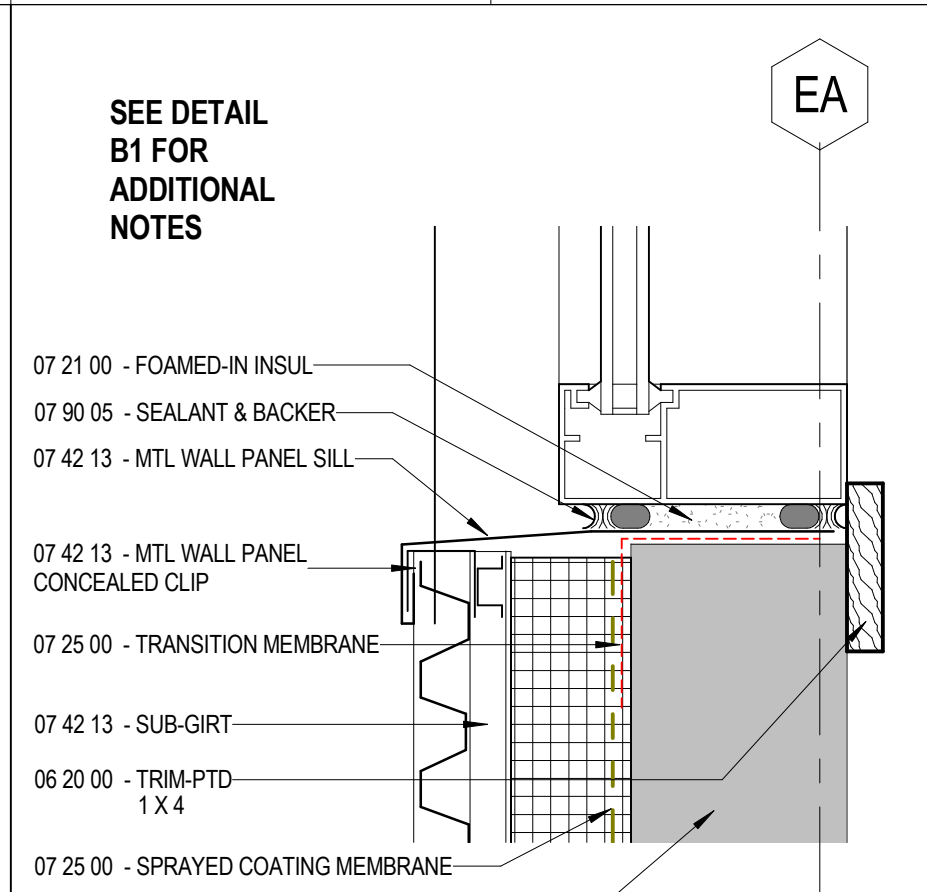
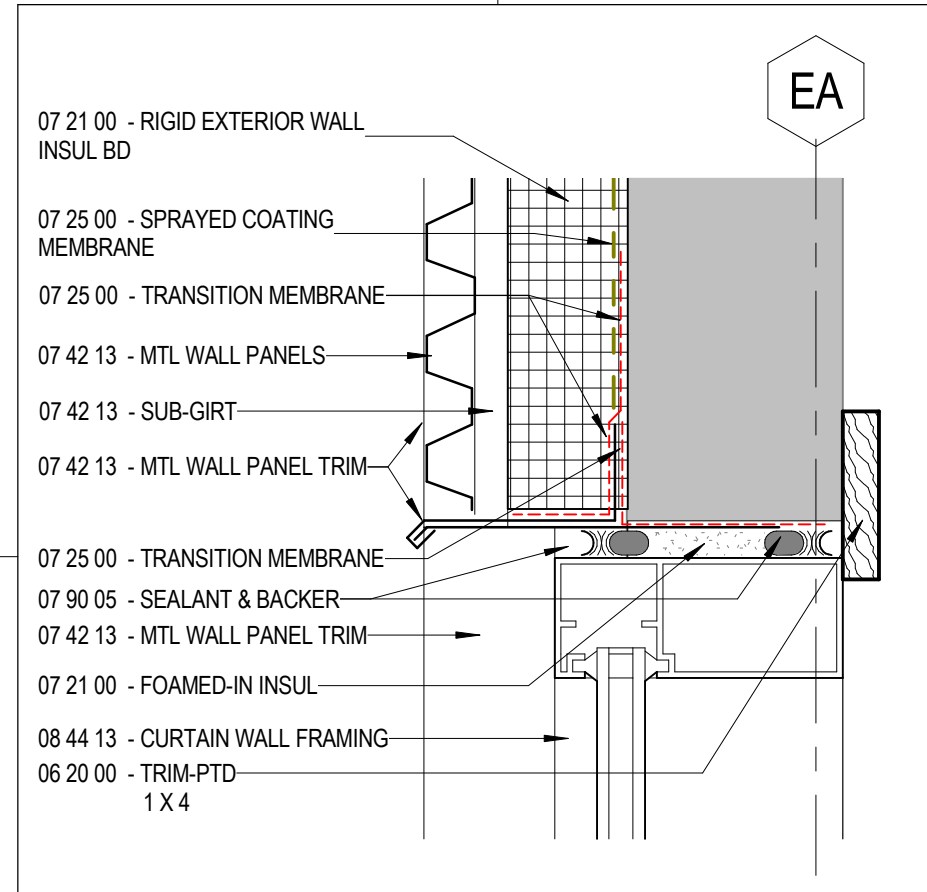


J8 WALL SECTION
A3.1 3/8" = 1'-0"



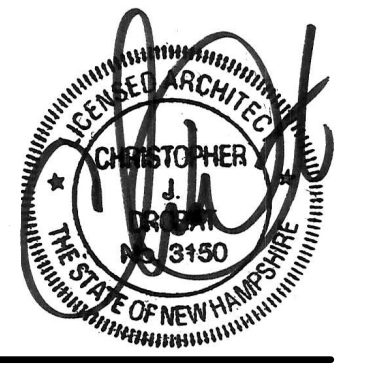
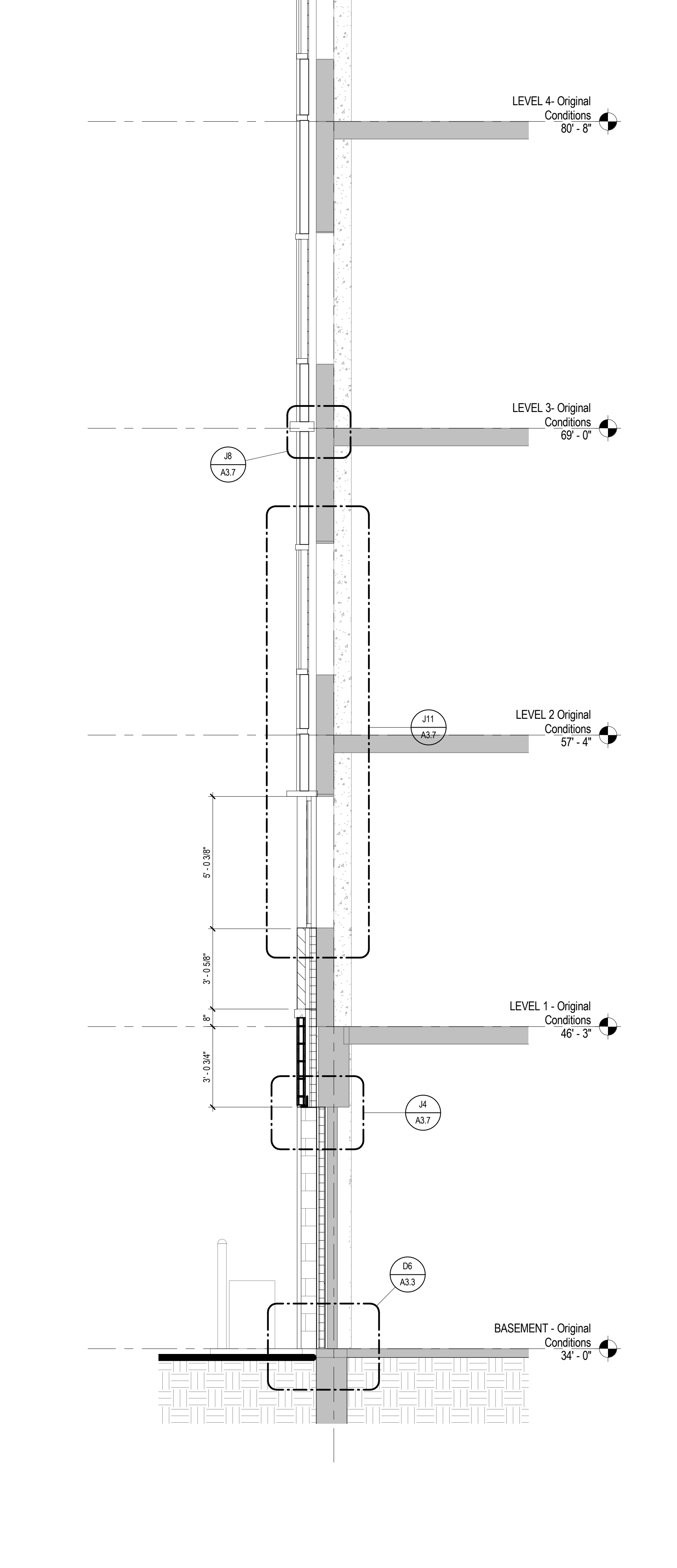
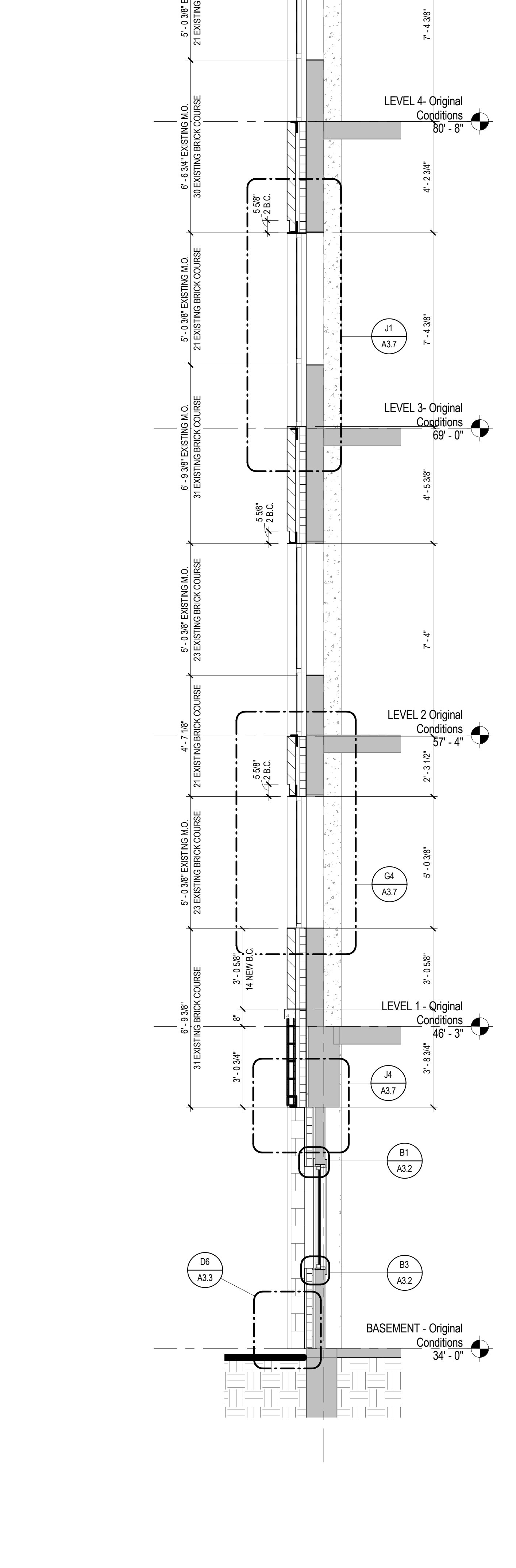
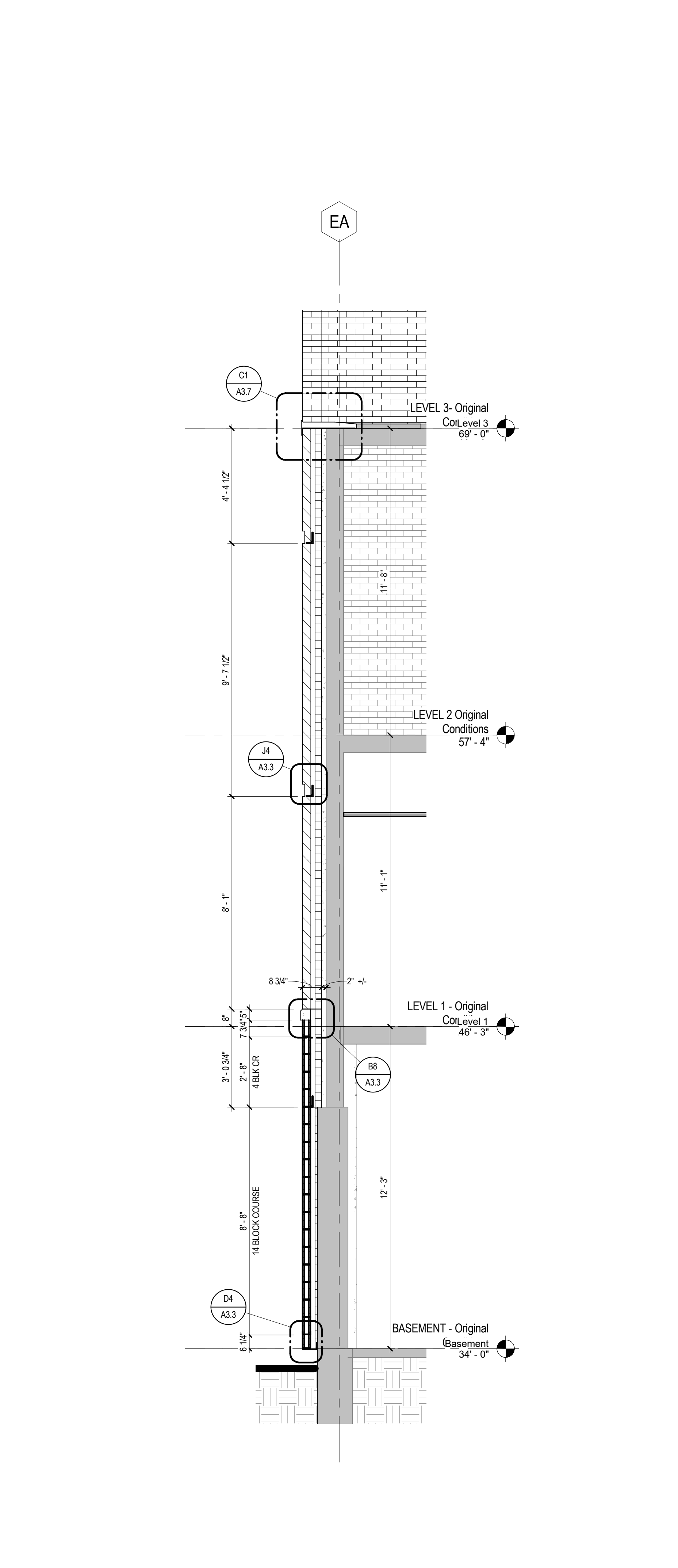
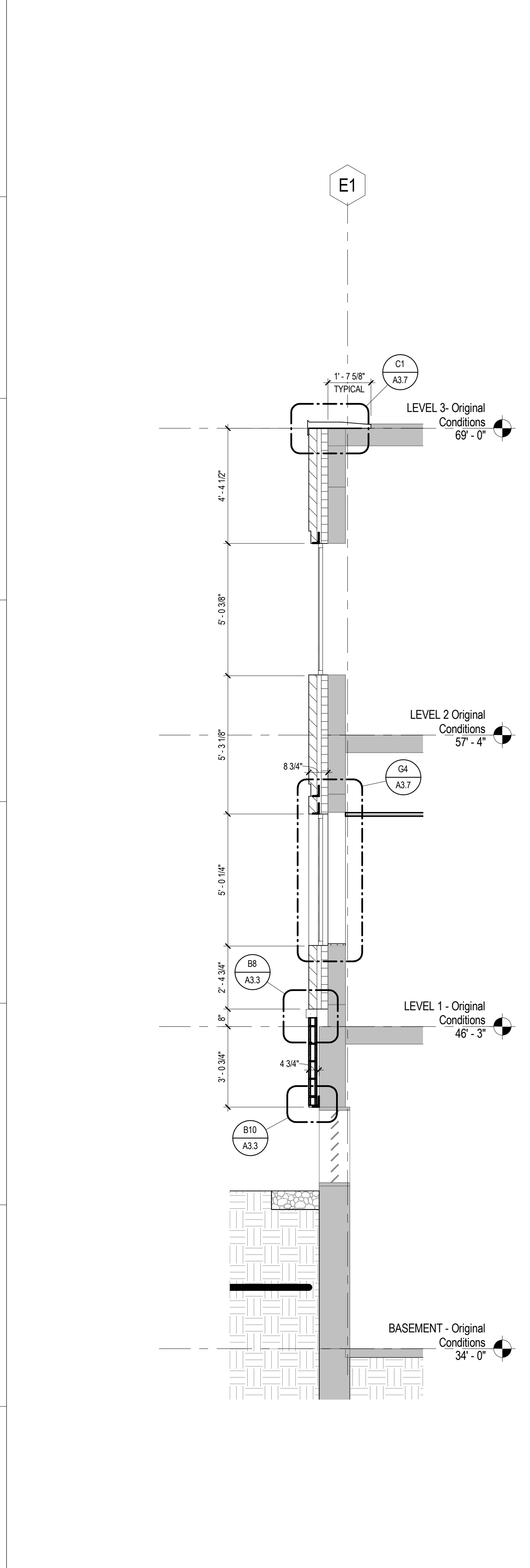
J12 WALL SECTION
A3.1 3/8" = 1'-0"

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B1 SECTION DETAIL
A3.2 3" = 1'-0"

B3 SECTION DETAIL
A3.2 3" = 1'-0"



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CONTENT:
WALL SECTIONS & DETAILS

DRAWN BY: Author

PROJECT NO: 16-042-00

DATE: 02/17/2017

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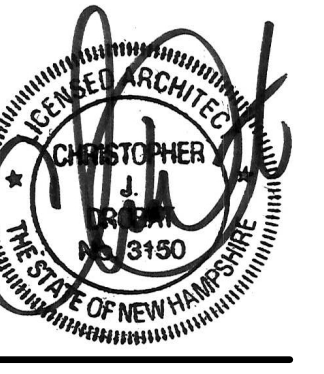
SCALE: As indicated

A3.2

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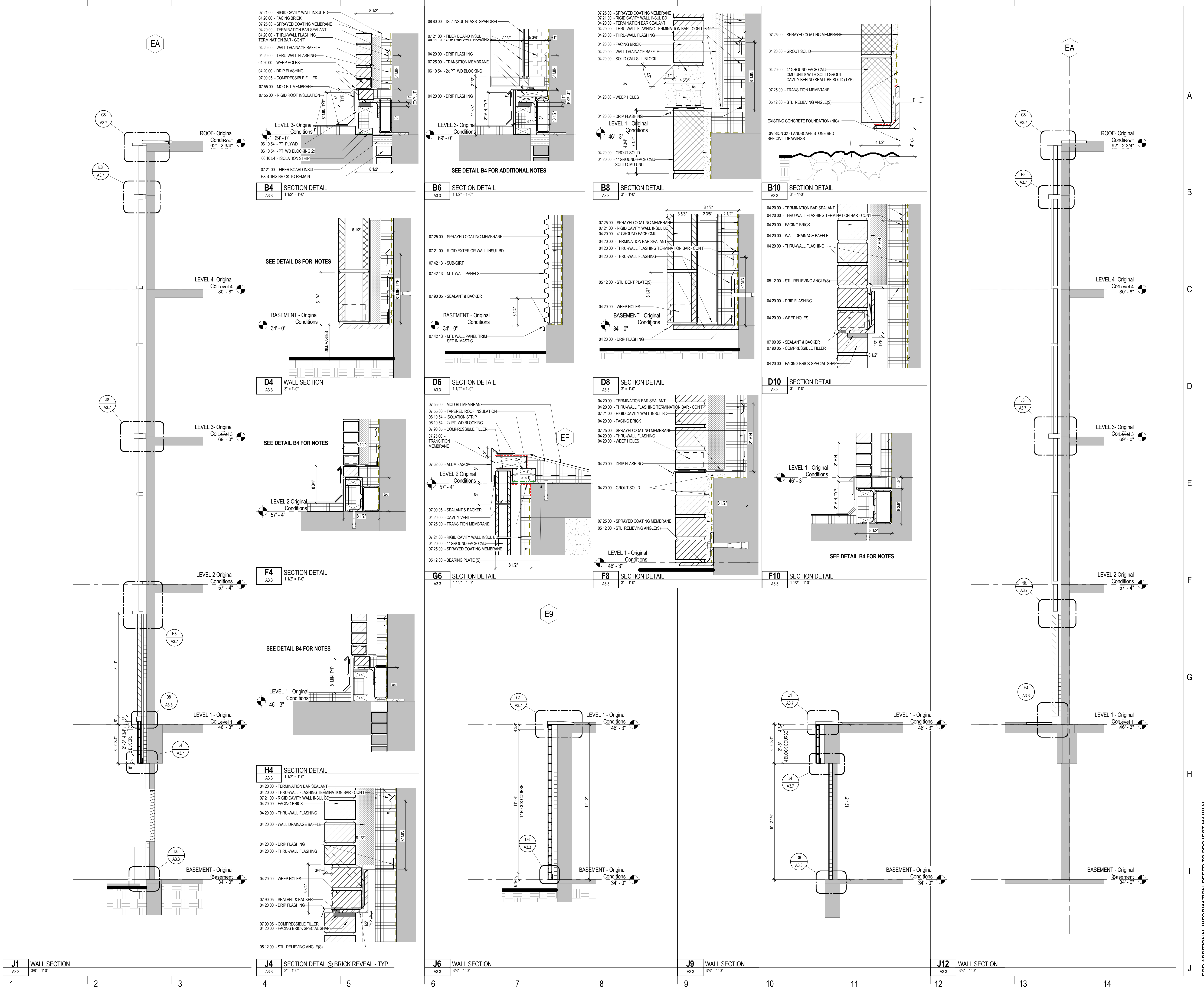
FAÇADE REPLACEMENT & ADDITION - PORTSMOUTH CITY HALL

1 JUNKINS AVENUE
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NO.	DESCRIPTION	DATE

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CONTENT: WALL SECTIONS & DETAILS	
DRAWN BY:	Author
PROJECT NO:	16-042-00
DATE:	02/17/2017
REVISED:	
SCALE:	As indicated
A3.3	
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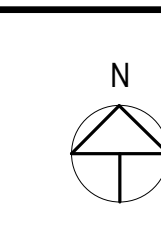
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CITY OF PORTSMOUTH

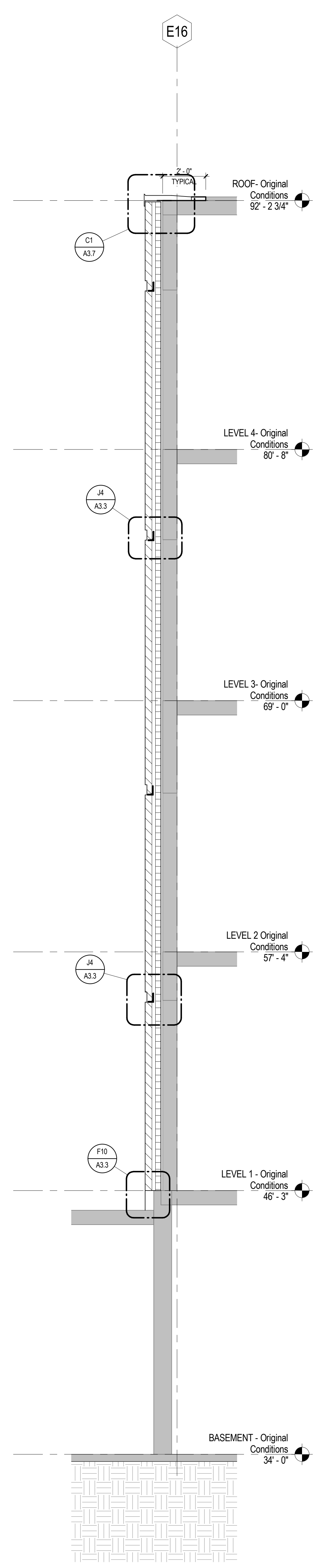
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PORTSMOUTH CITY
HALL**

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Portsmouth, NH 03801

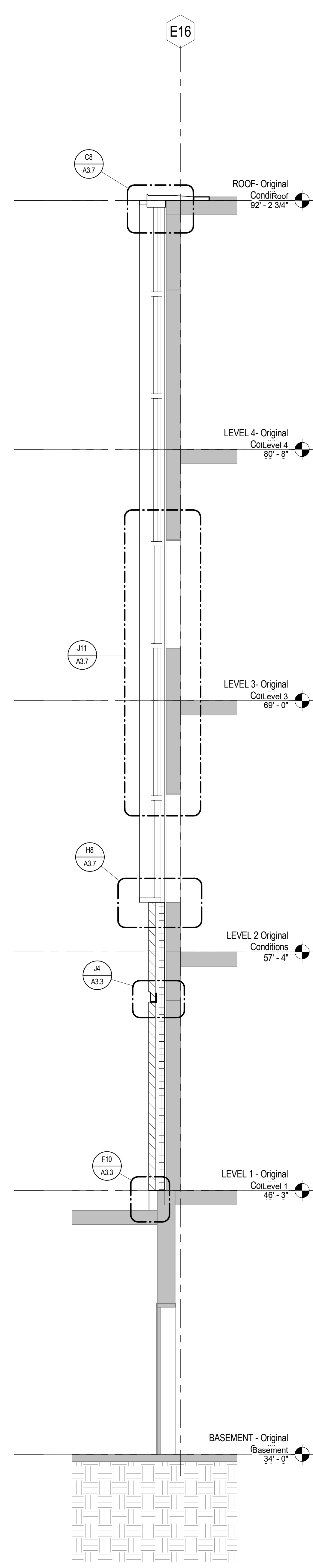
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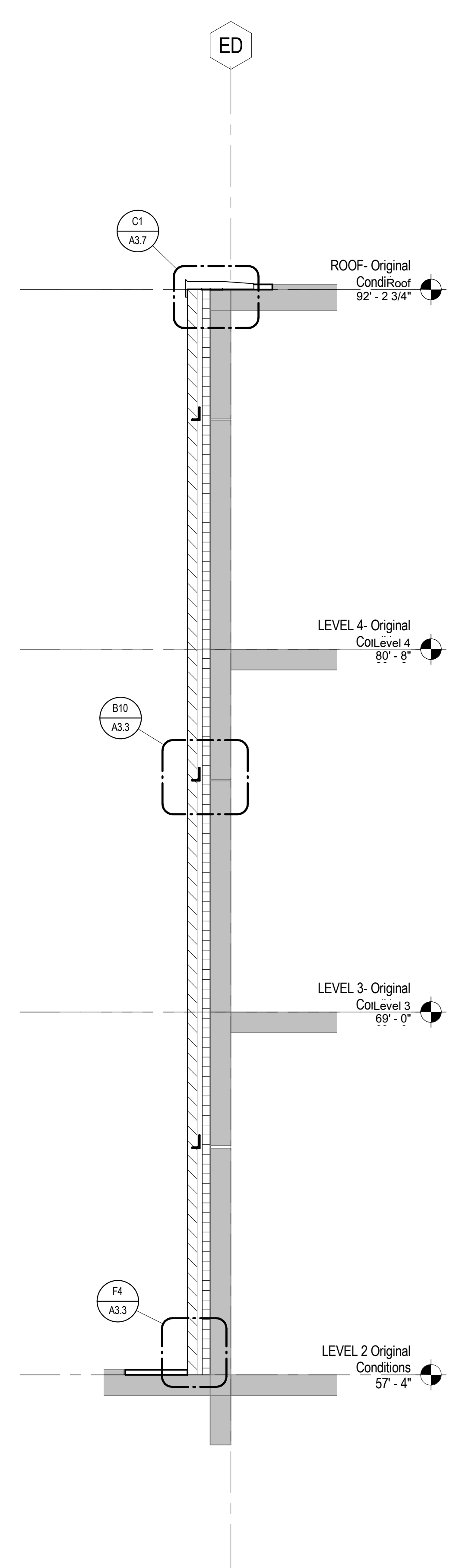
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DRAWN BY:	Author
PROJECT NO:	16-042-00
DATE:	02/17/2017
REVISED:	
SCALE:	3/8" = 1'-0"
A3.4	
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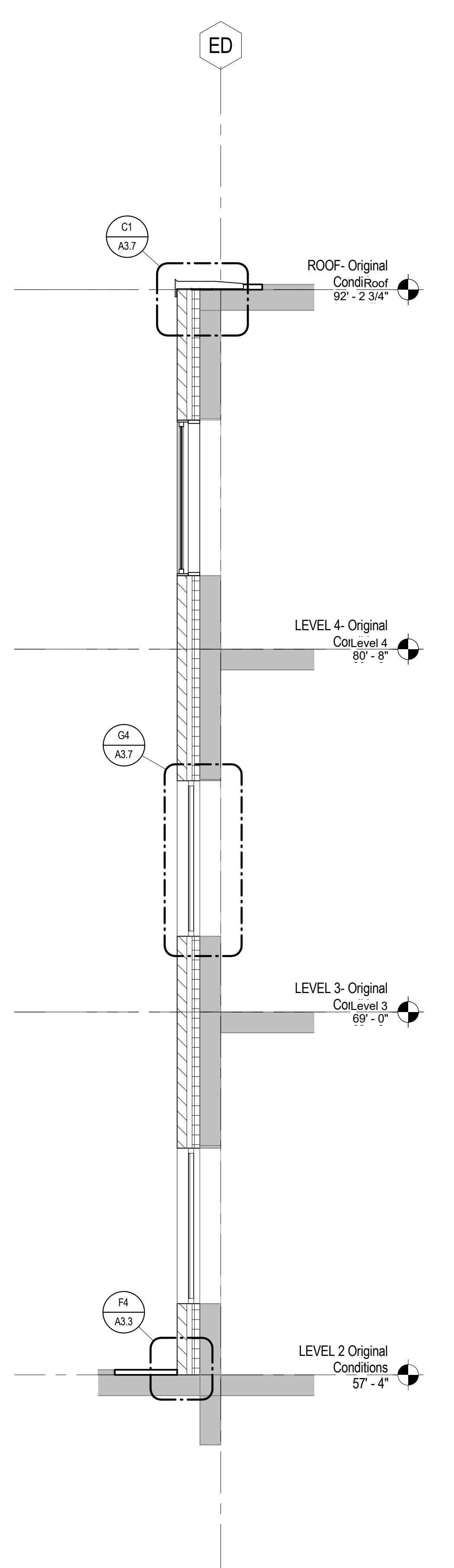
J1
A3.4
WALL SECTION
3/8" = 1'-0"



J5
A3.4
WALL SECTION
3/8" = 1'-0"



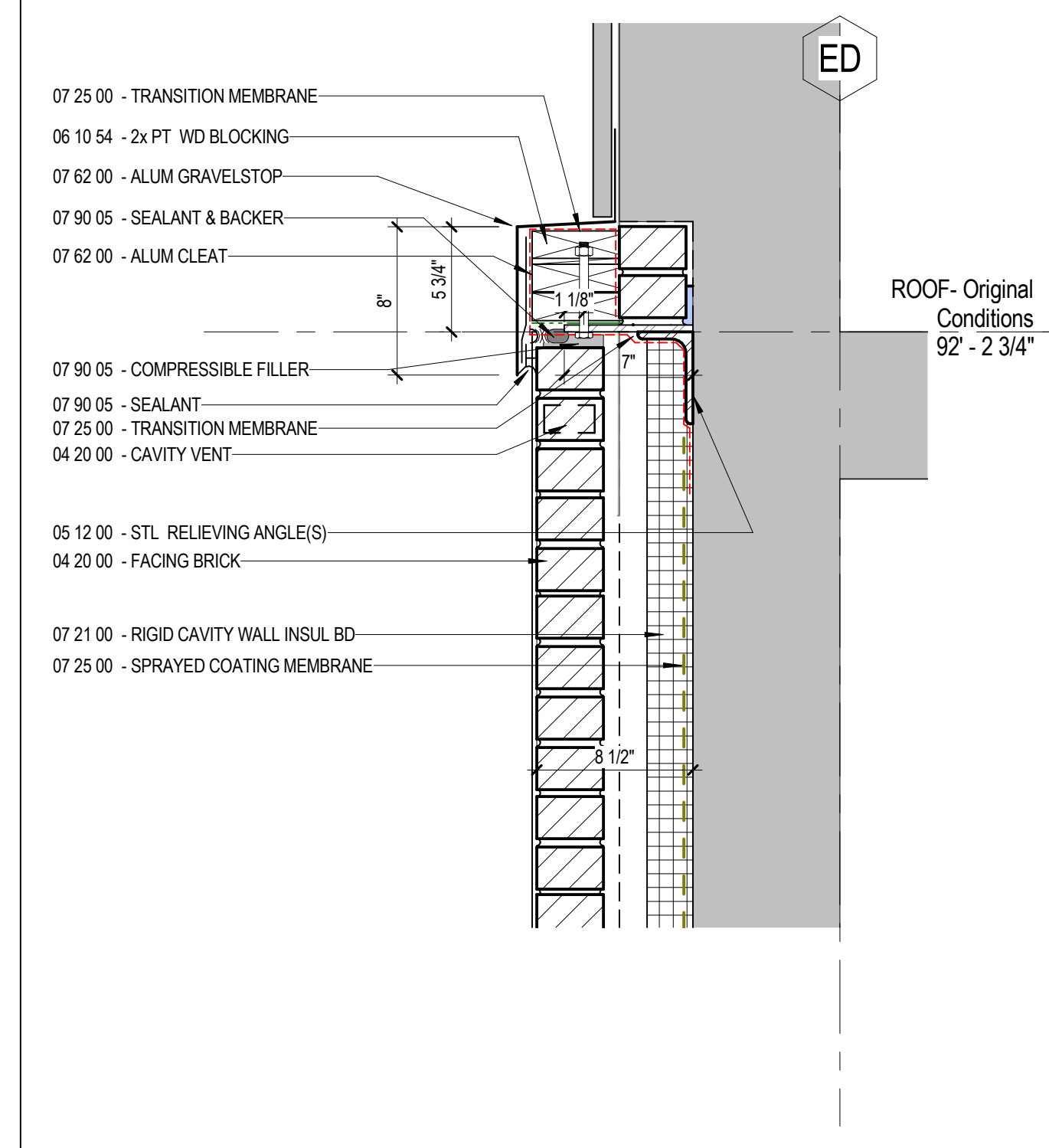
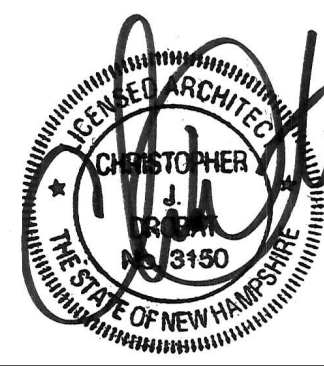
J9
A3.4
WALL SECTION
3/8" = 1'-0"



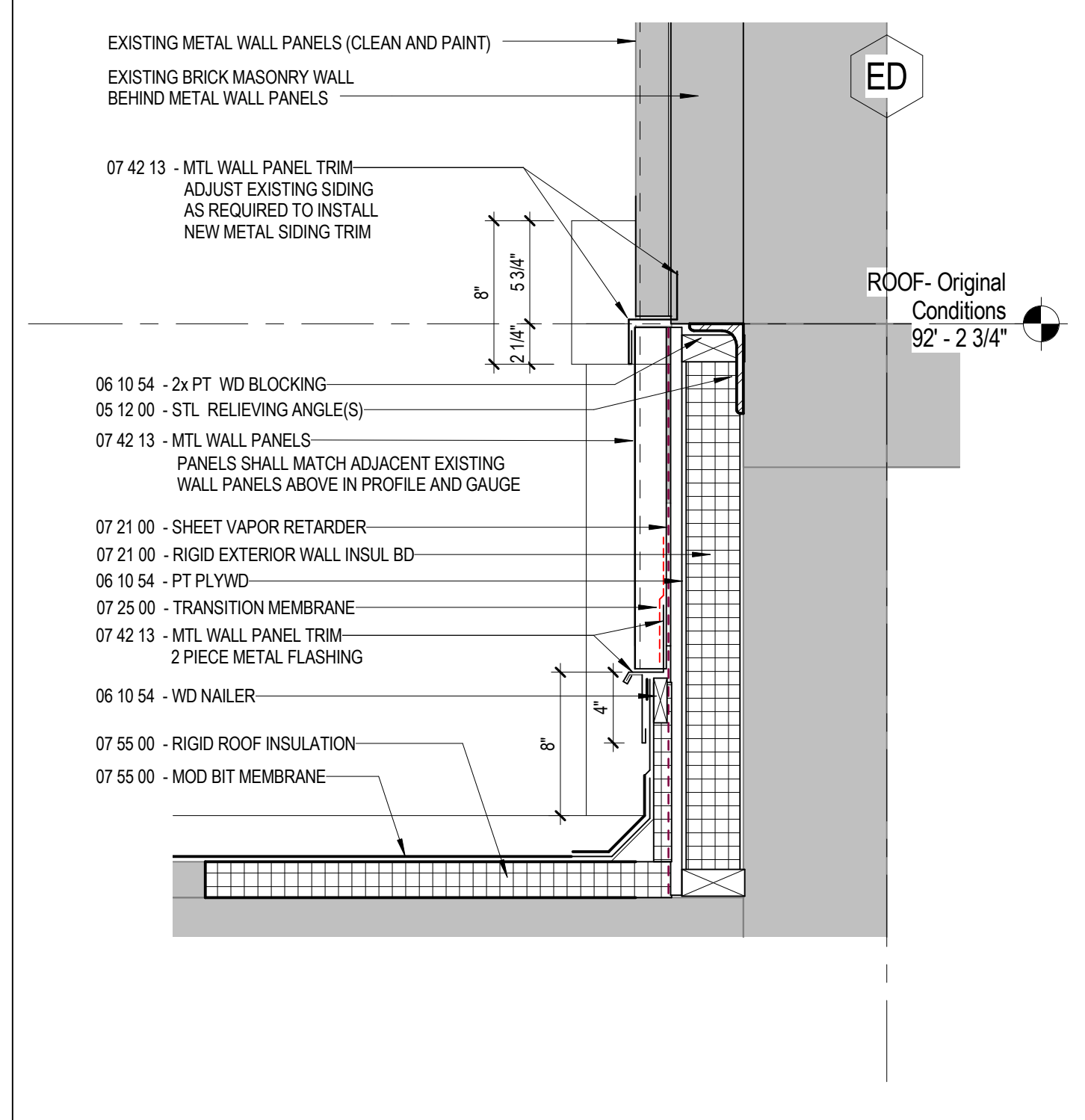
J12
A3.4
WALL SECTION
3/8" = 1'-0"

1 2 3 4 5 6 7 8 9 10 11 12 13 14

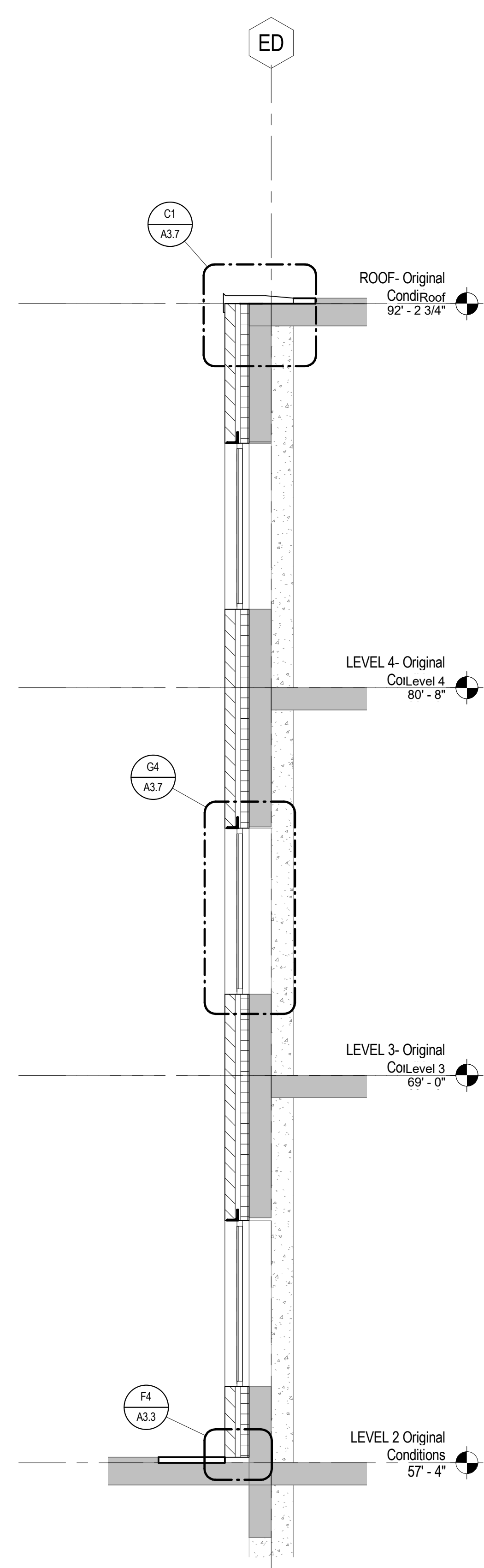
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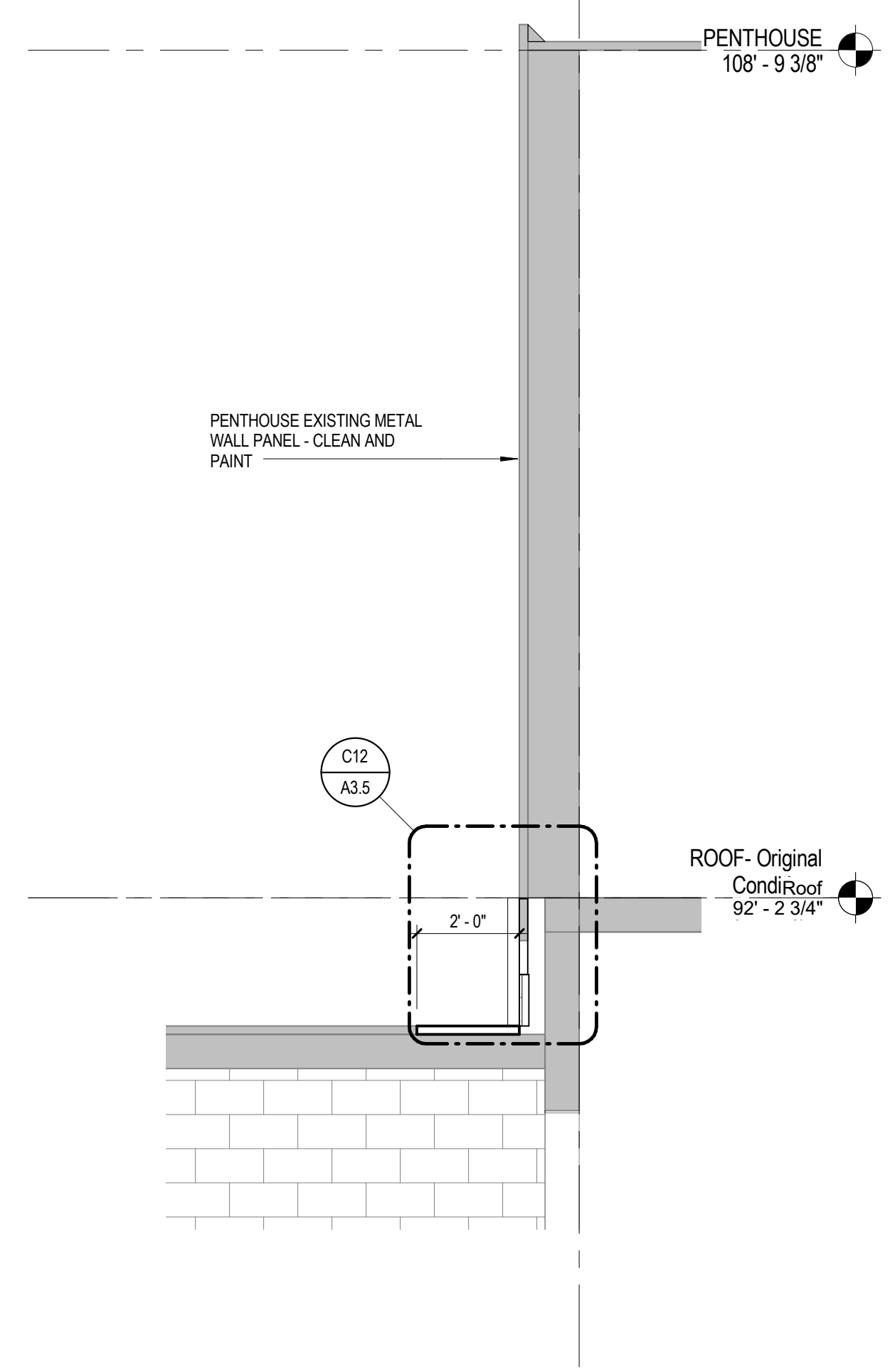
C9 SECTION DETAIL
A3.5 1 1/2" = 1'-0"



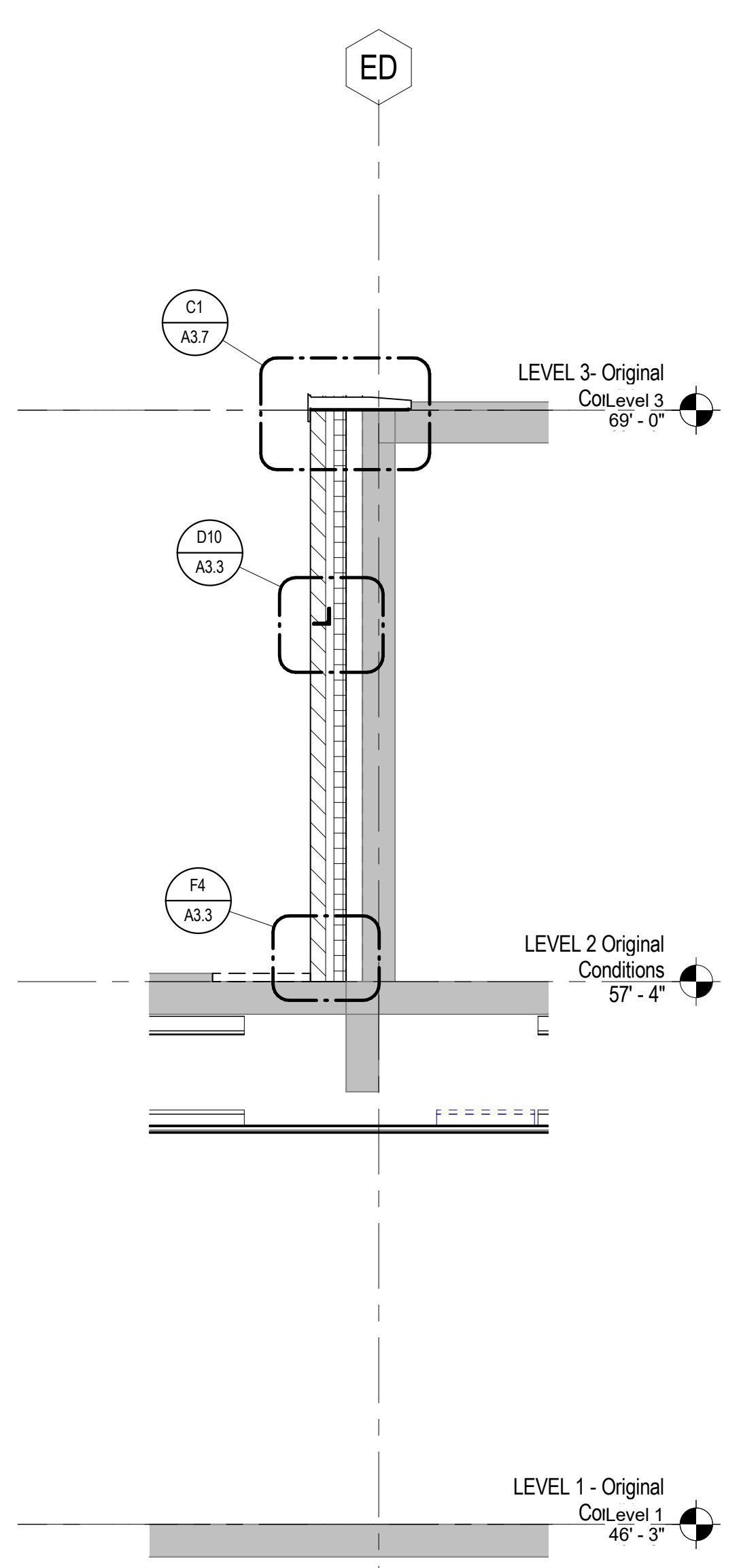
C12 SECTION DETAIL
A3.5 1 1/2" = 1'-0"



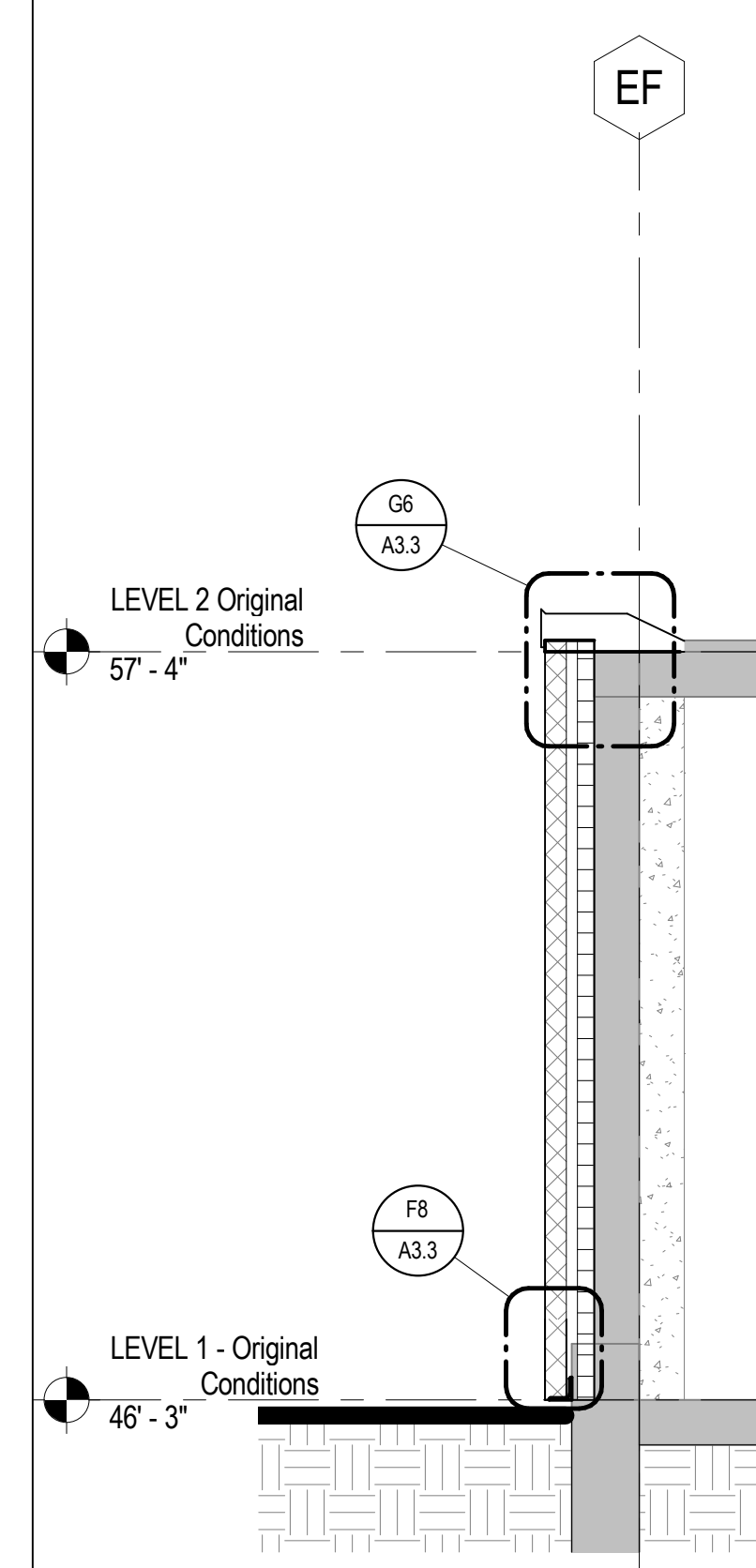
J1 WALL SECTION
A3.5 3/8" = 1'-0"



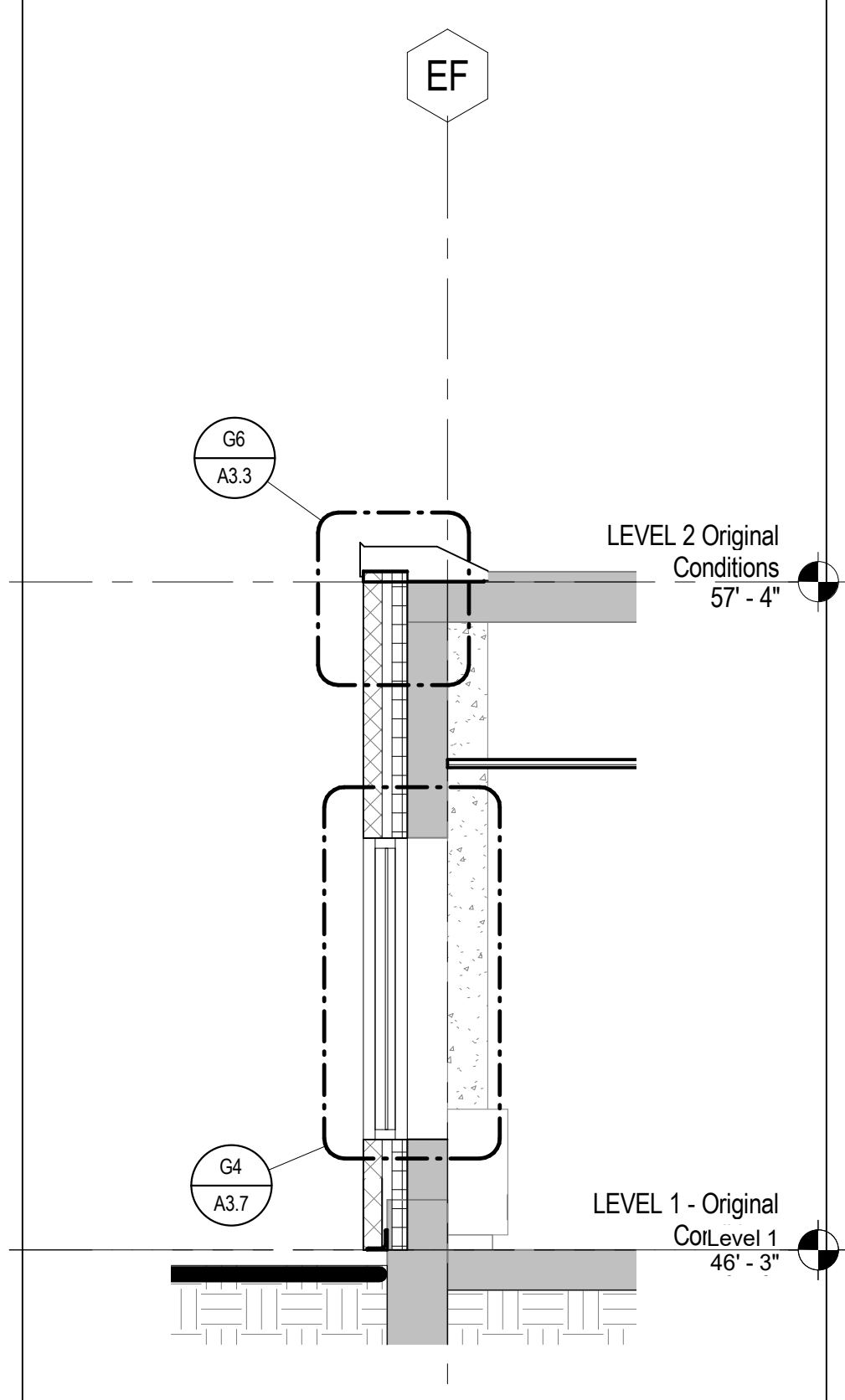
E4 WALL SECTION
A3.5 3/8" = 1'-0"



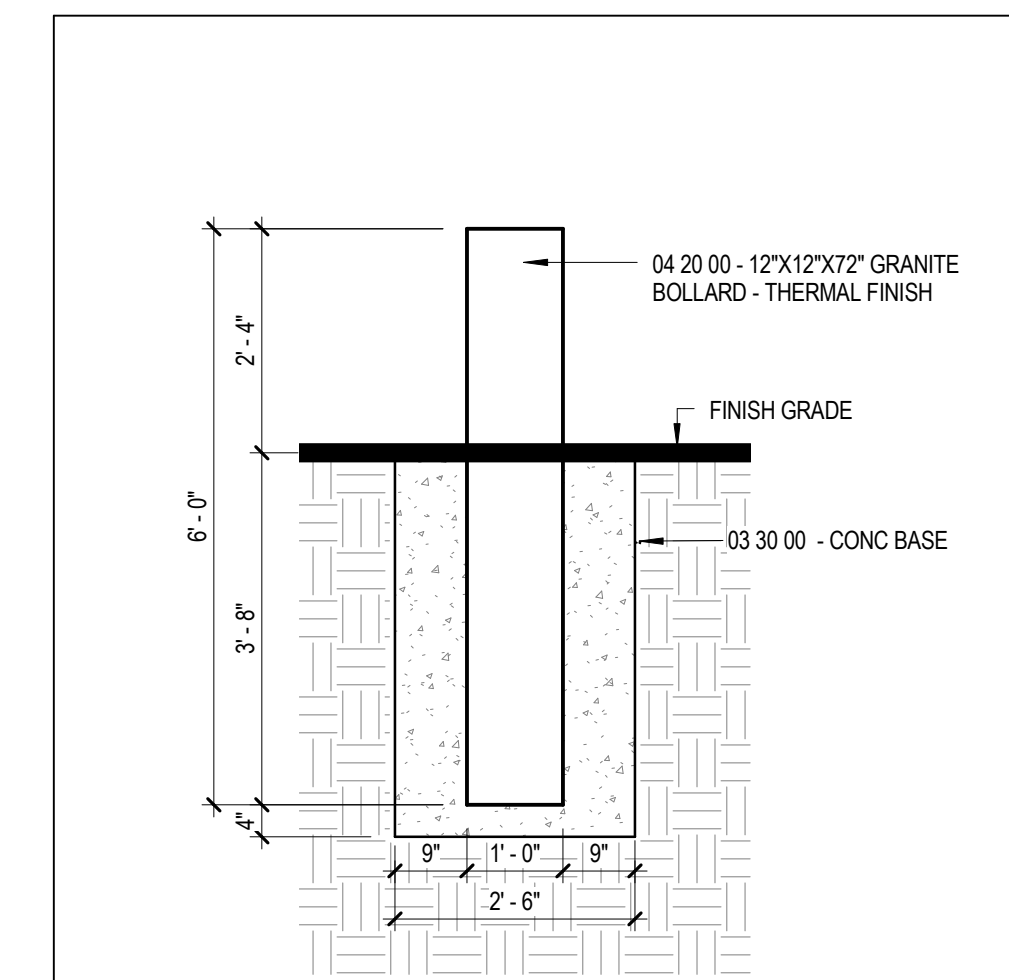
J4 WALL SECTION
A3.5 3/8" = 1'-0"



J7 WALL SECTION
A3.5 3/8" = 1'-0"



J9 WALL SECTION
A3.5 3/8" = 1'-0"



J13 GRANITE BOLLARD - TYPICAL SECTION
A3.5 1/2" = 1'-0"

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CONTENT:
WALL SECTIONS & DETAILS

DRAWN BY: Author

PROJECT NO: 16-042-00

DATE: 02/17/2017

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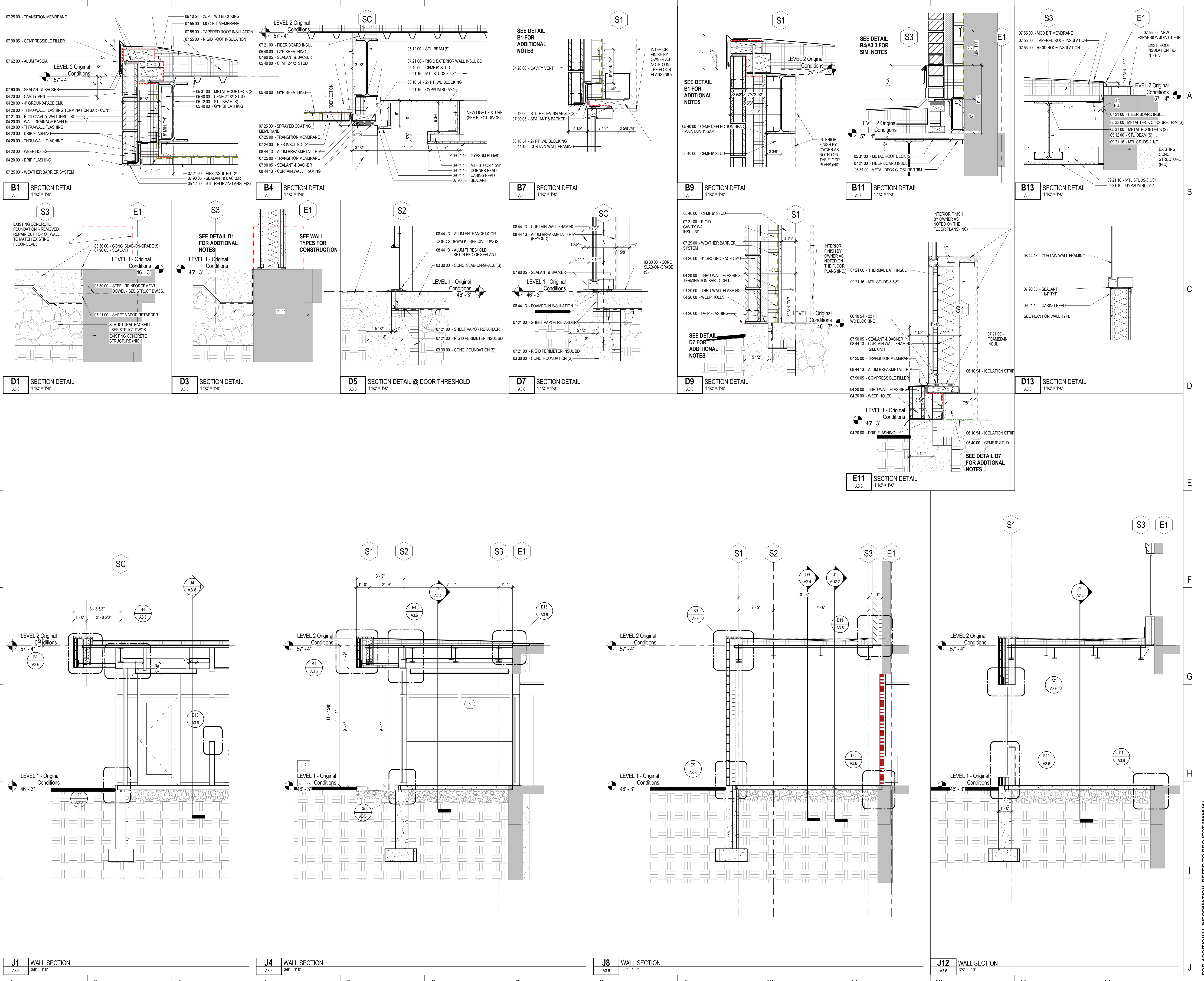
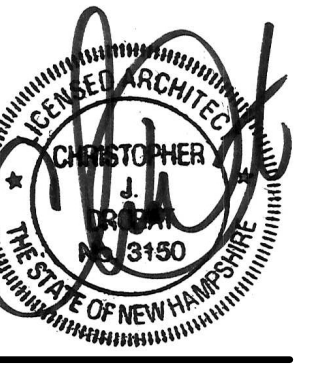
SCALE: As indicated

A3.5

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1 Junktins Avenue
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CONTENT:
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A3.6

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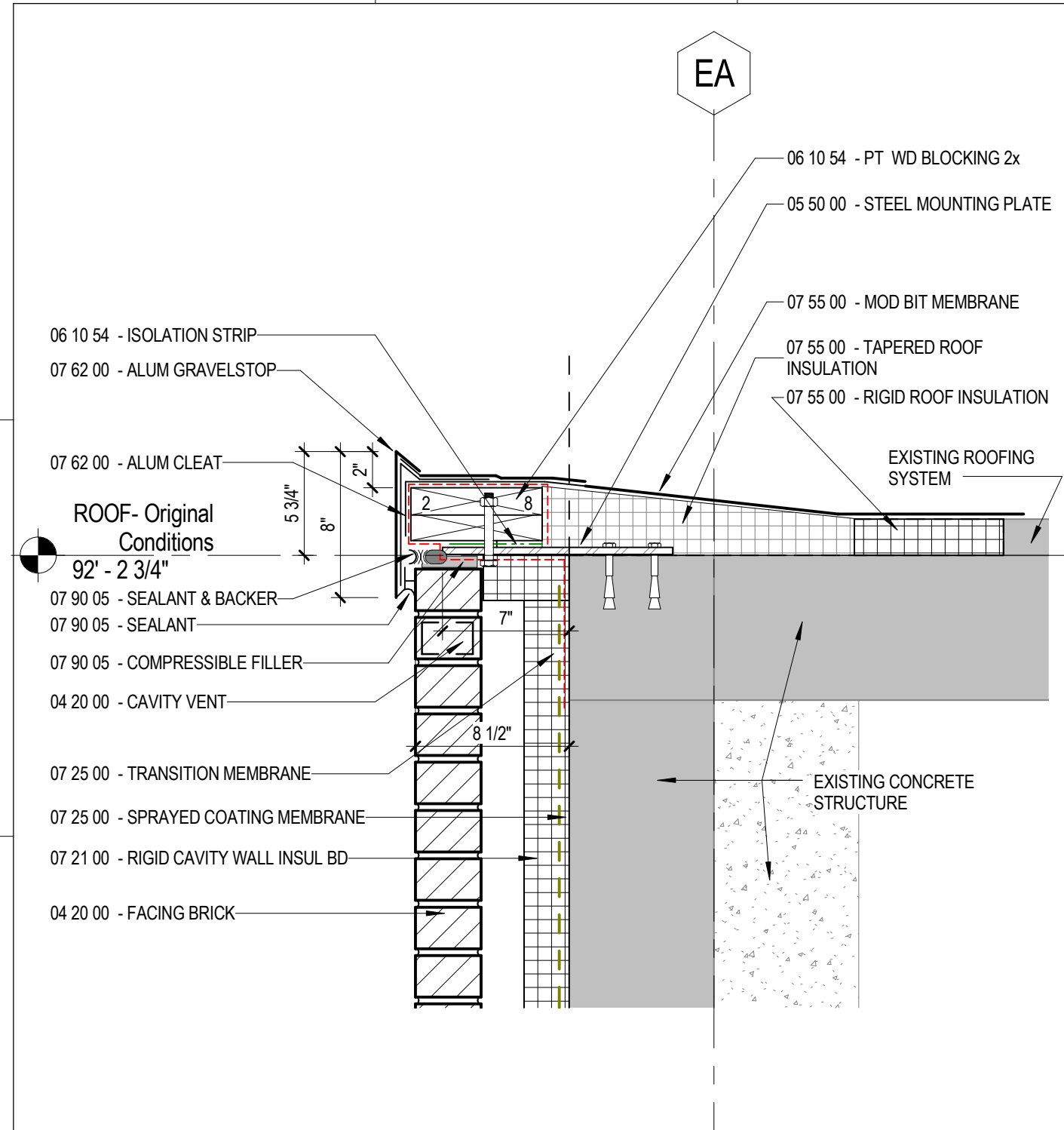
1 Junktins Avenue
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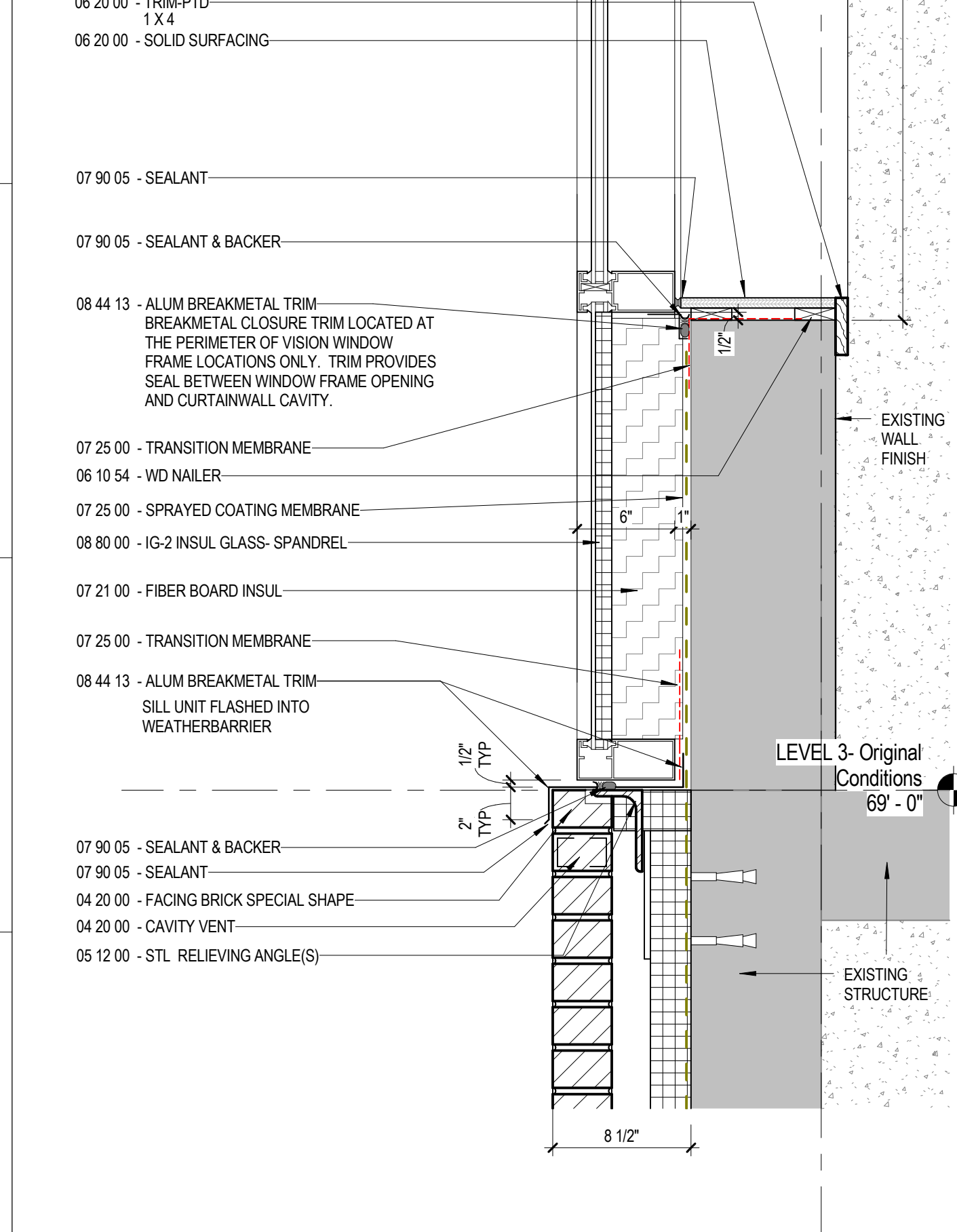
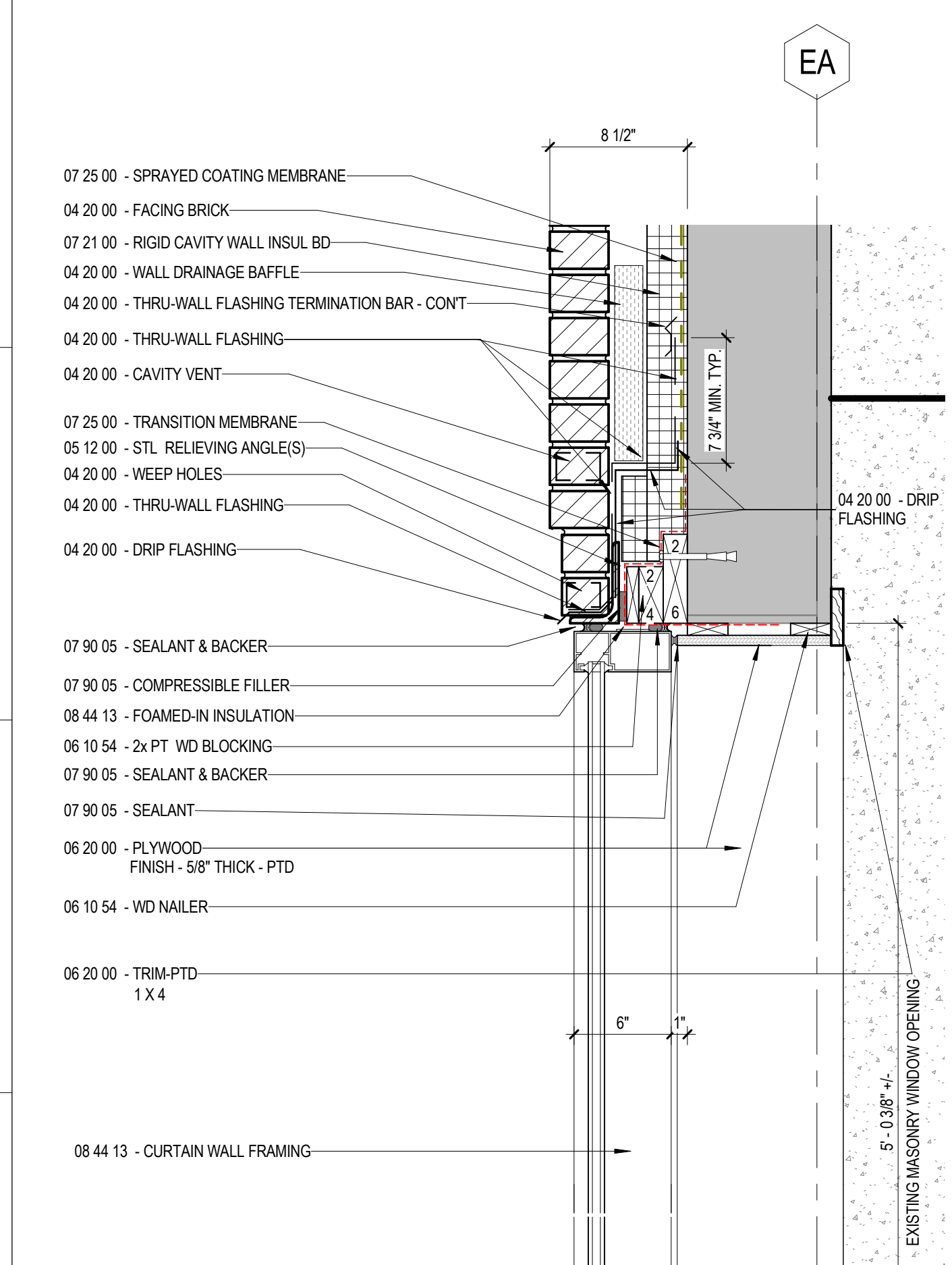


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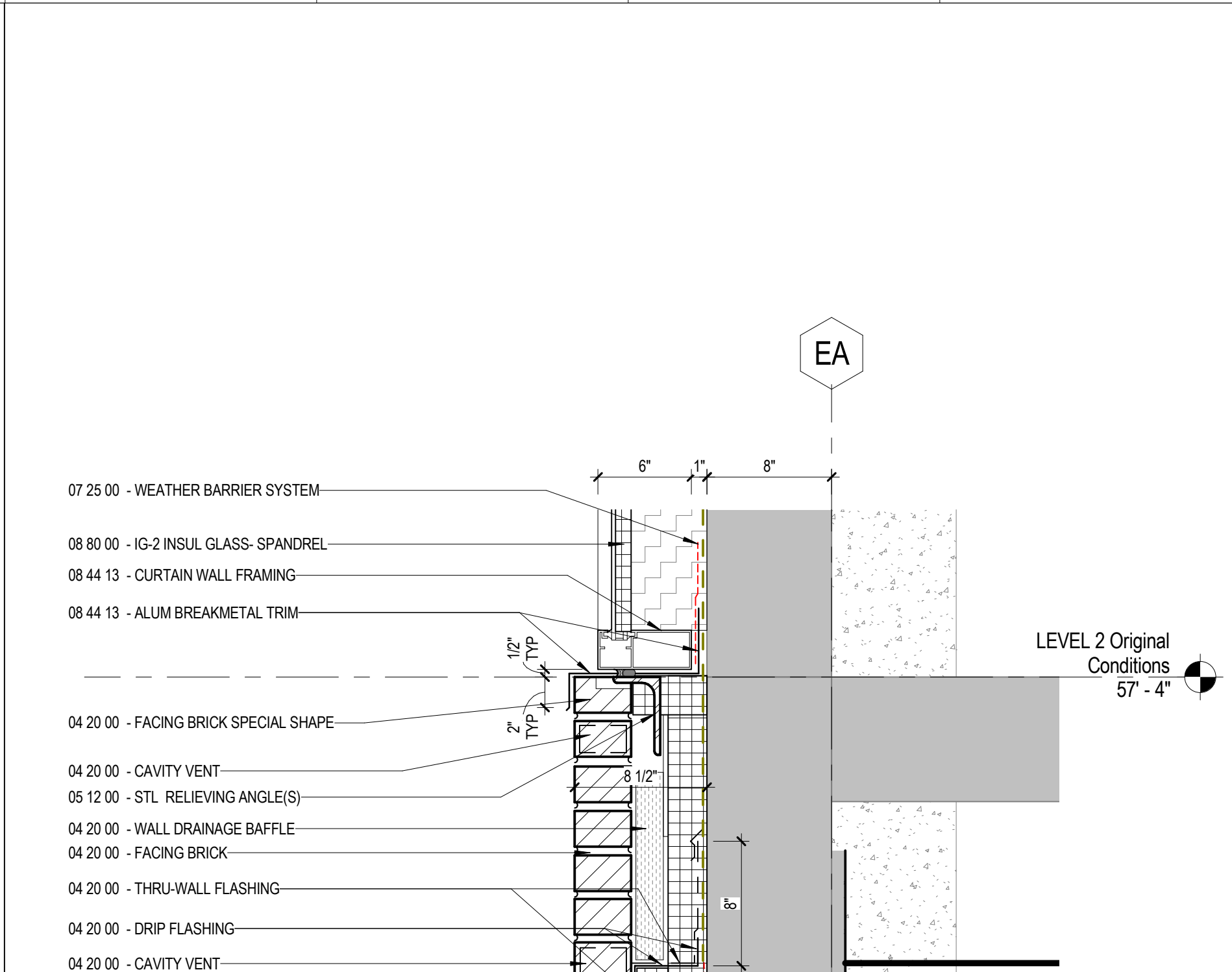
CONTENT: WALL SECTION DETAILS	
DRAWN BY:	Author
PROJECT NO:	16-042-00
DATE:	02/17/2017
REVISED:	
SCALE:	1 1/2" = 1'-0"
A3.7	
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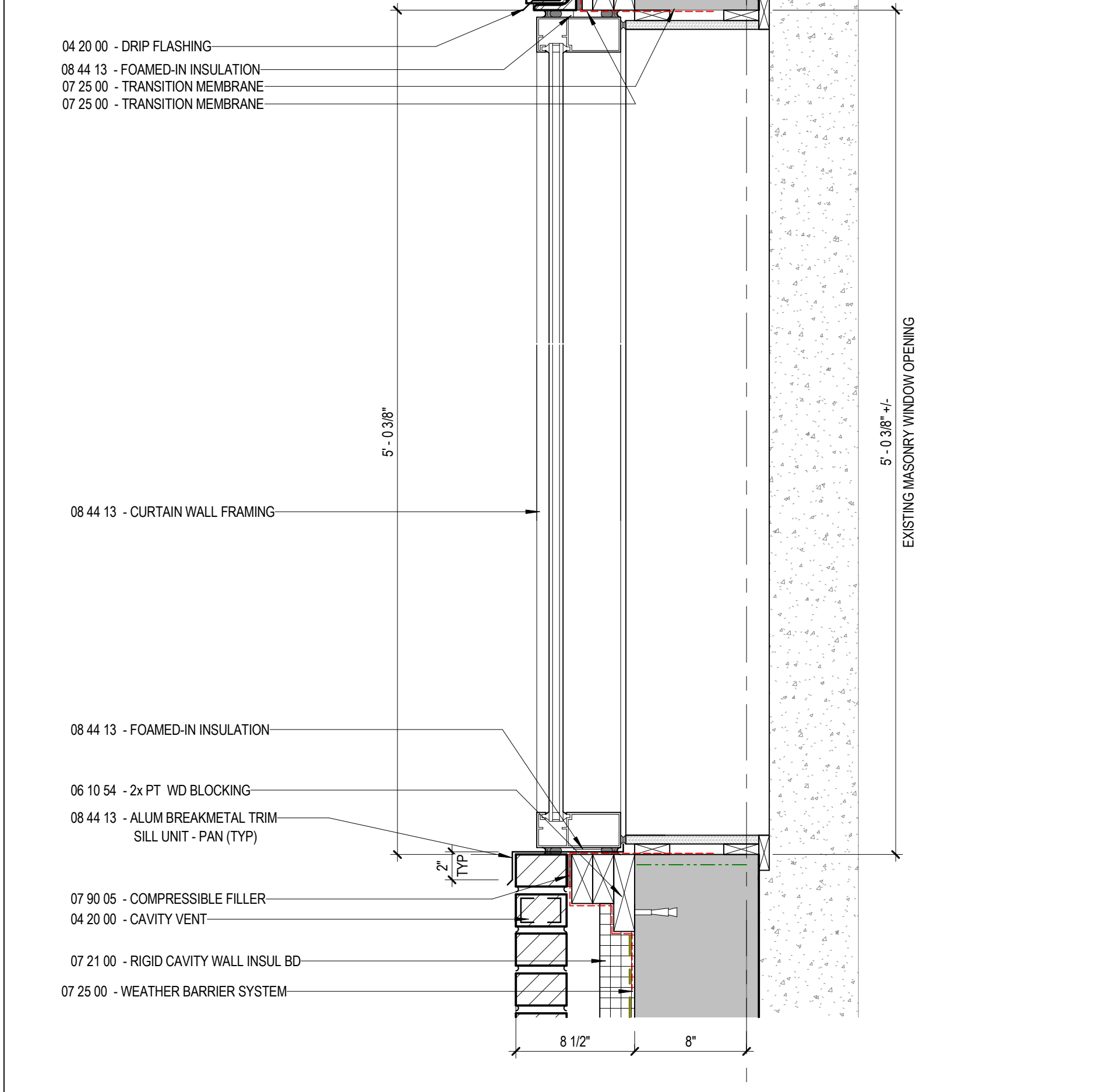
C1 ROOF EDGE - TYPICAL
A3.7 1 1/2" = 1'-0"



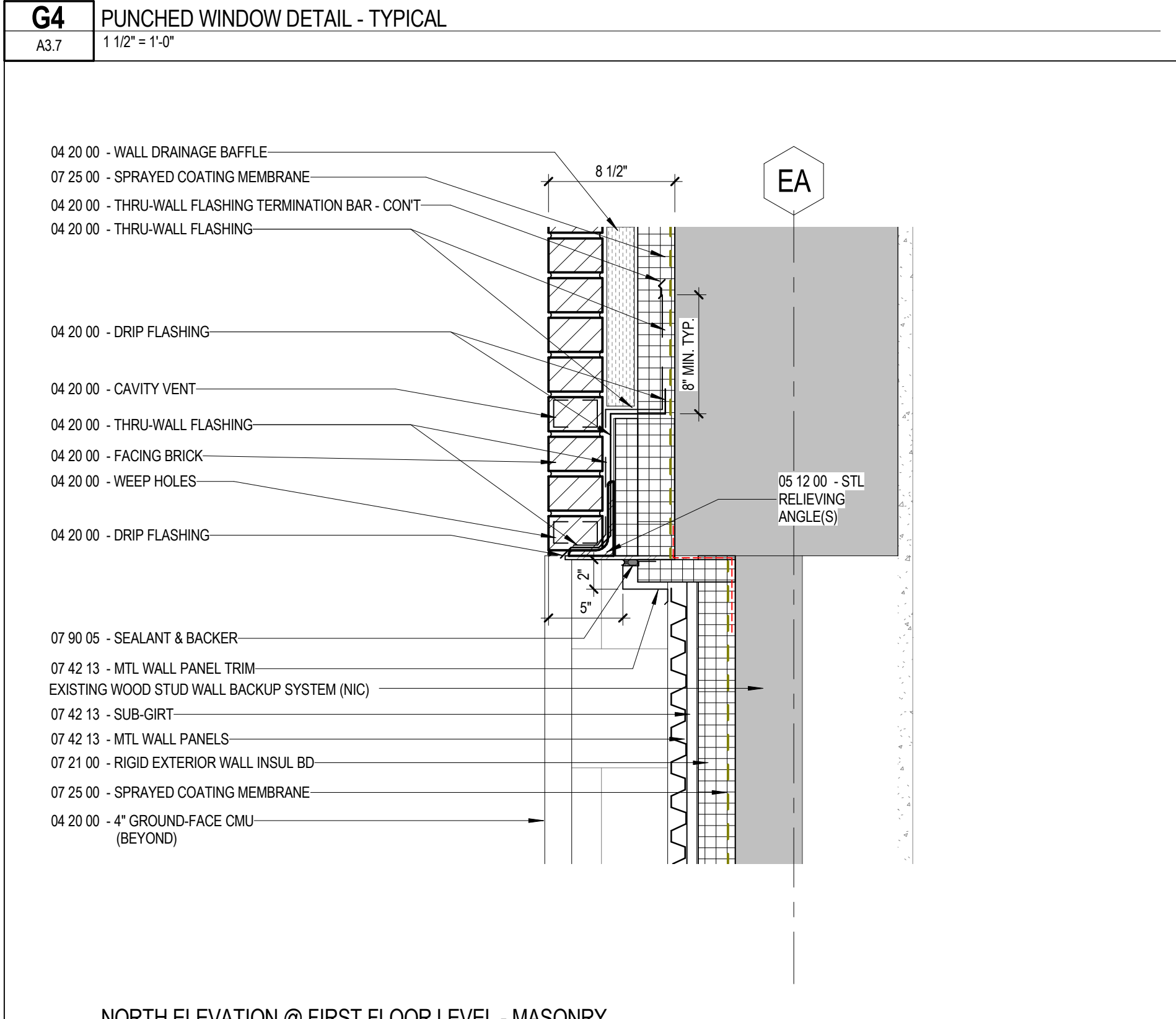
J1 PUNCHED WINDOW DETAIL - TYPICAL
A3.7 1 1/2" = 1'-0"



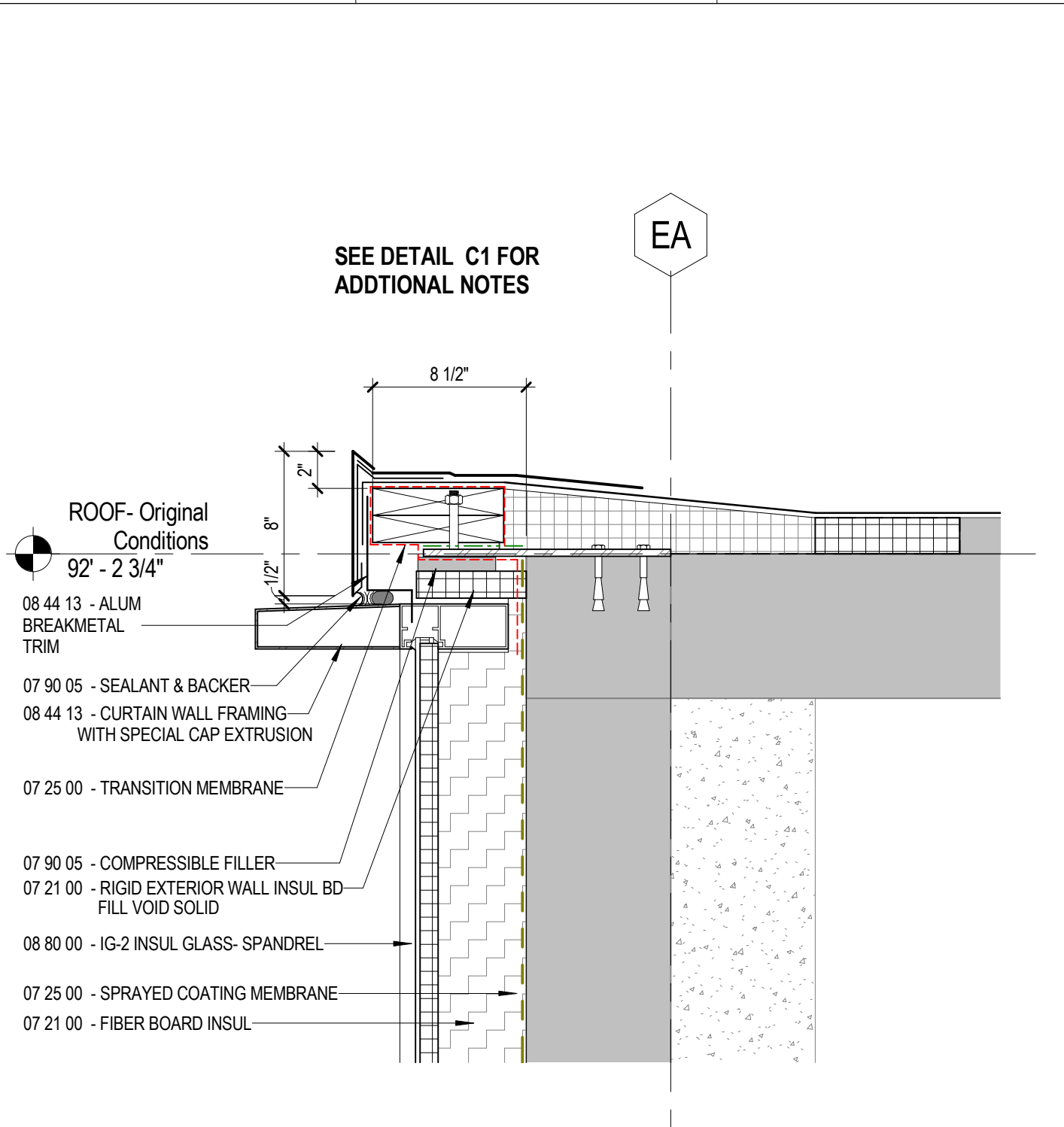
C8 ROOF EDGE DETAIL @ CURTAINWALL - TYPICAL
A3.7 1 1/2" = 1'-0"



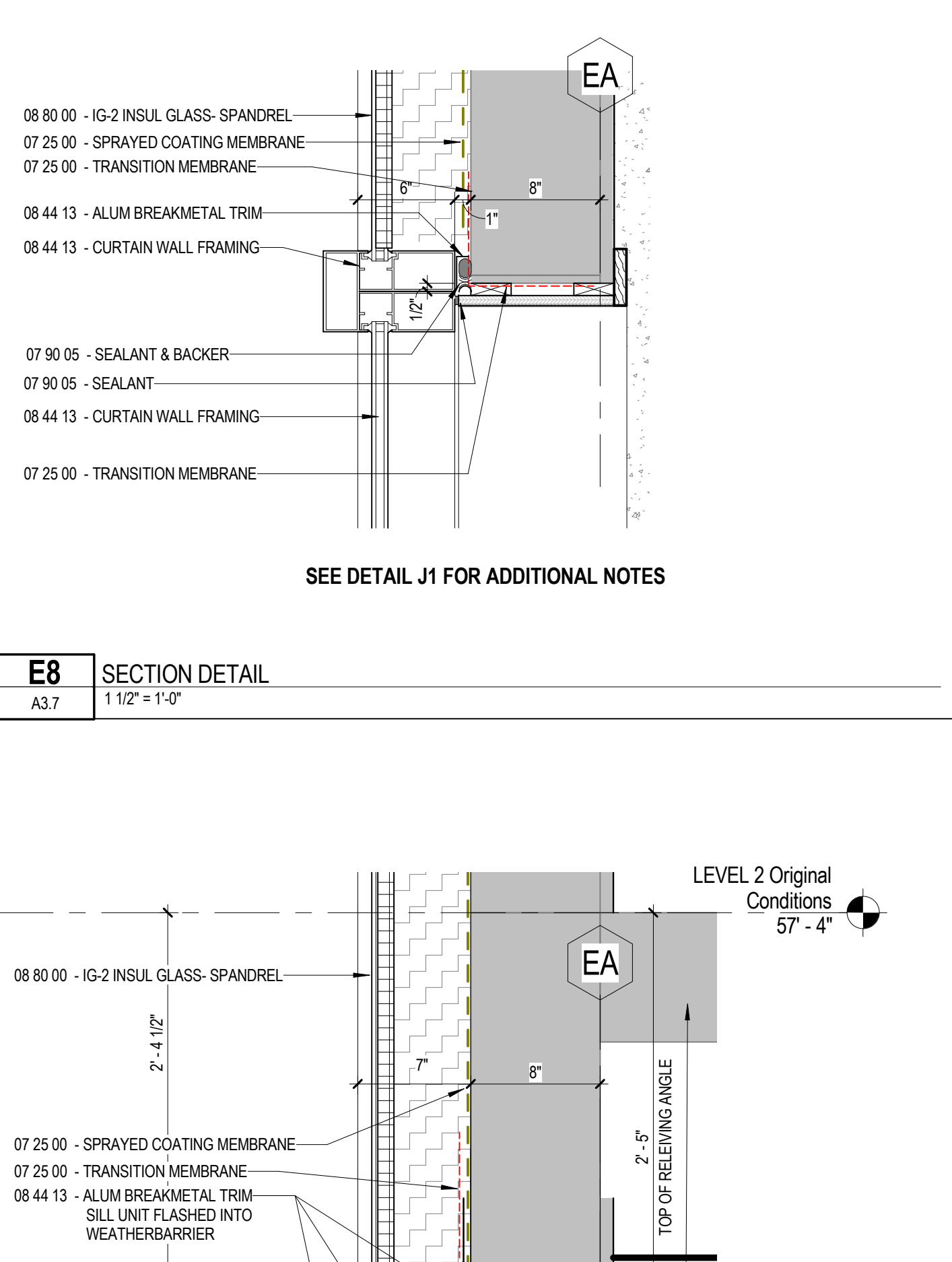
E8 SECTION DETAIL
A3.7 1 1/2" = 1'-0"



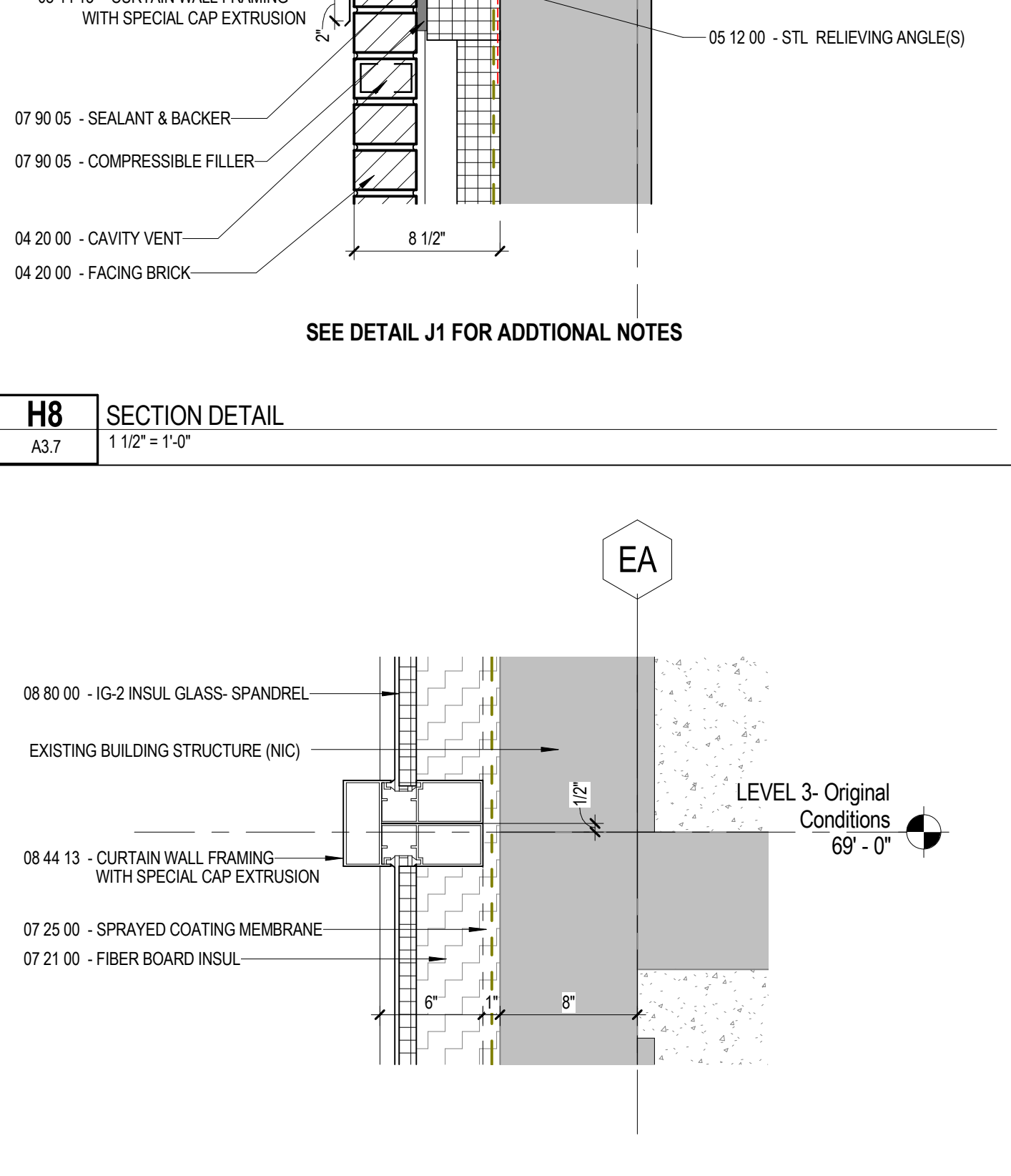
G4 PUNCHED WINDOW DETAIL - TYPICAL
A3.7 1 1/2" = 1'-0"



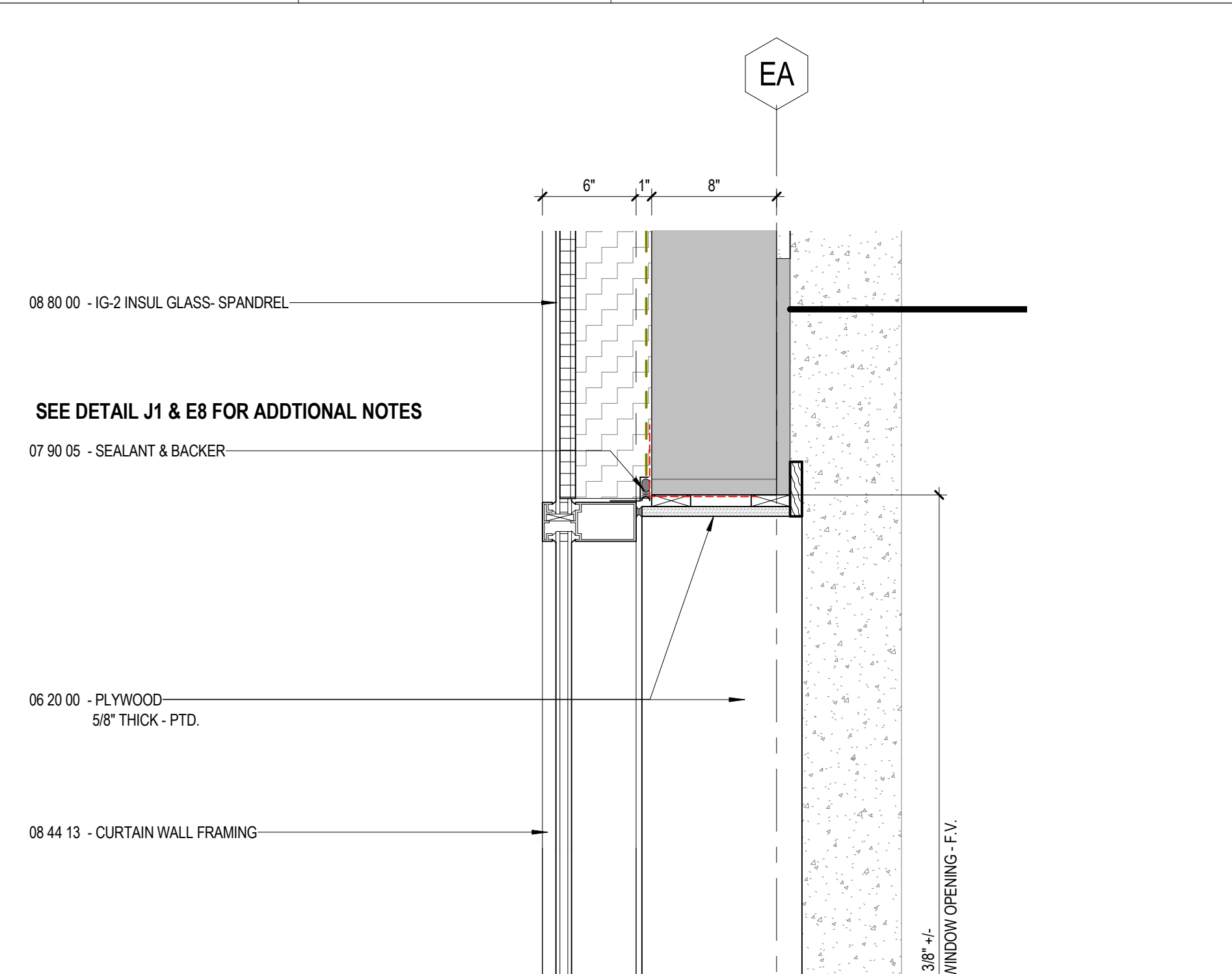
H8 SECTION DETAIL
A3.7 1 1/2" = 1'-0"



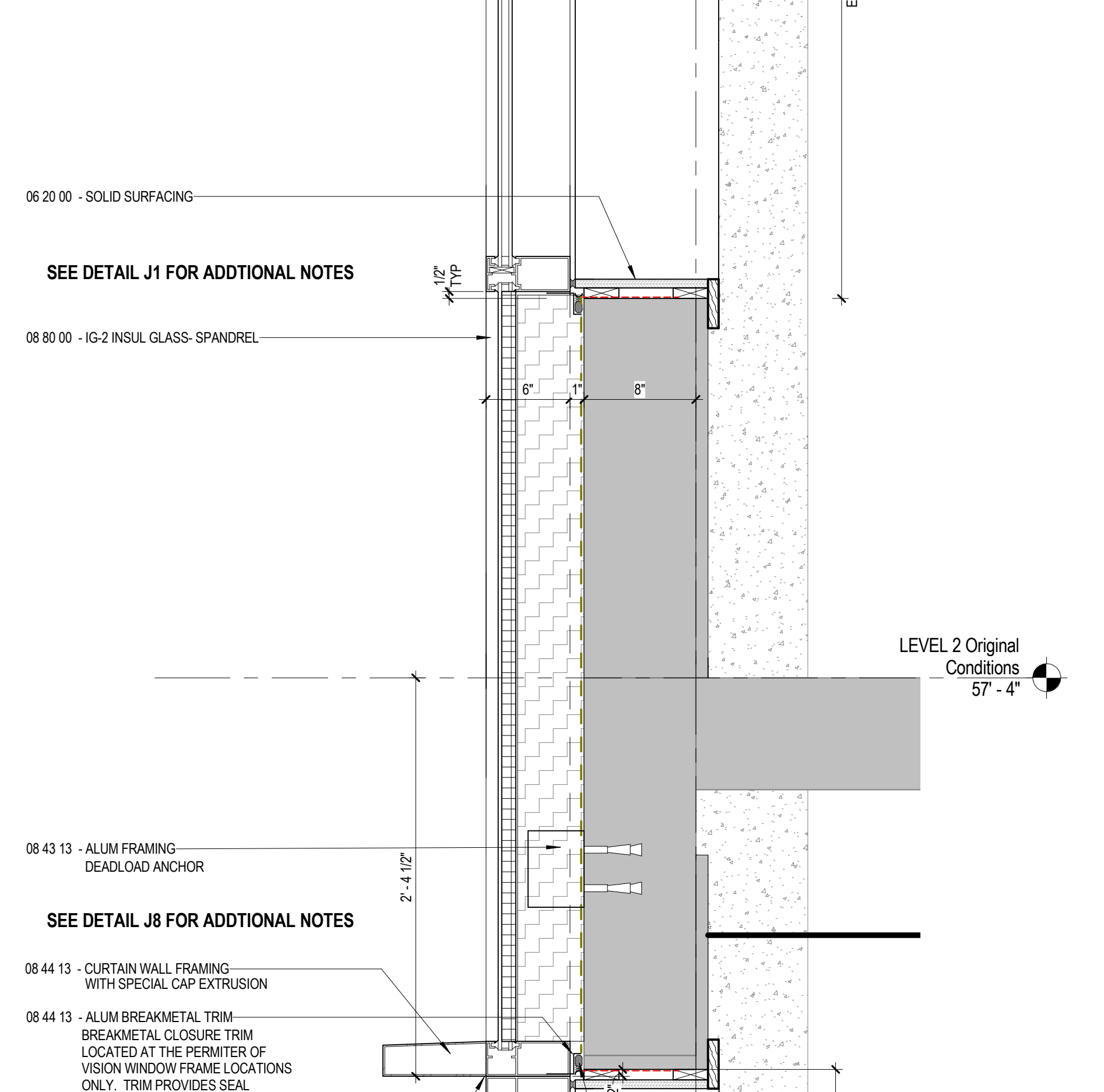
J8 SECTION DETAIL
A3.7 1 1/2" = 1'-0"



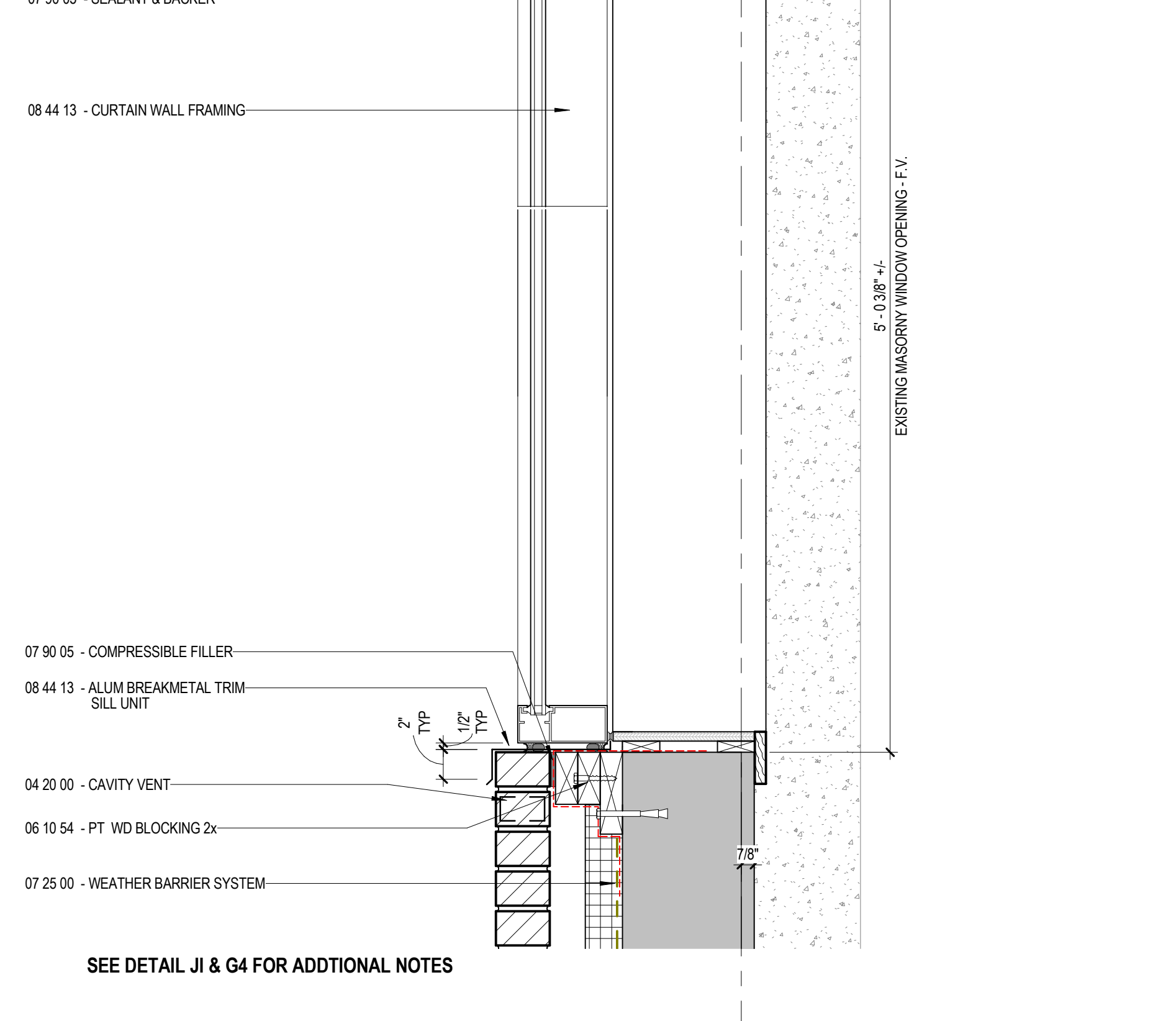
J11 NORTH ELEVATION - CURTAINWALL DETAIL - TYPICAL
A3.7 1 1/2" = 1'-0"



J1 SECTION DETAIL
A3.7 1 1/2" = 1'-0"



J4 NORTH ELEVATION - CURTAINWALL DETAIL - TYPICAL
A3.7 1 1/2" = 1'-0"



J11 NORTH ELEVATION - CURTAINWALL DETAIL - TYPICAL
A3.7 1 1/2" = 1'-0"

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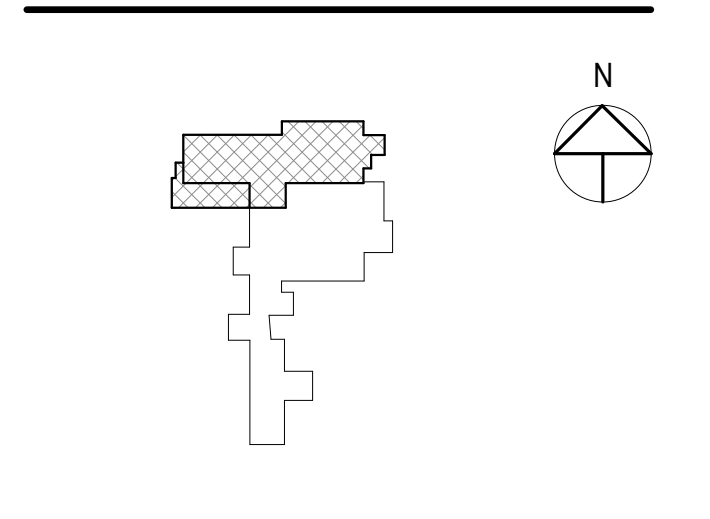


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CONTENT:
ENLARGED PLANS - PD LOBBY

DRAWN BY: Author

PROJECT NO: 16-042-00

DATE: 02/17/2017

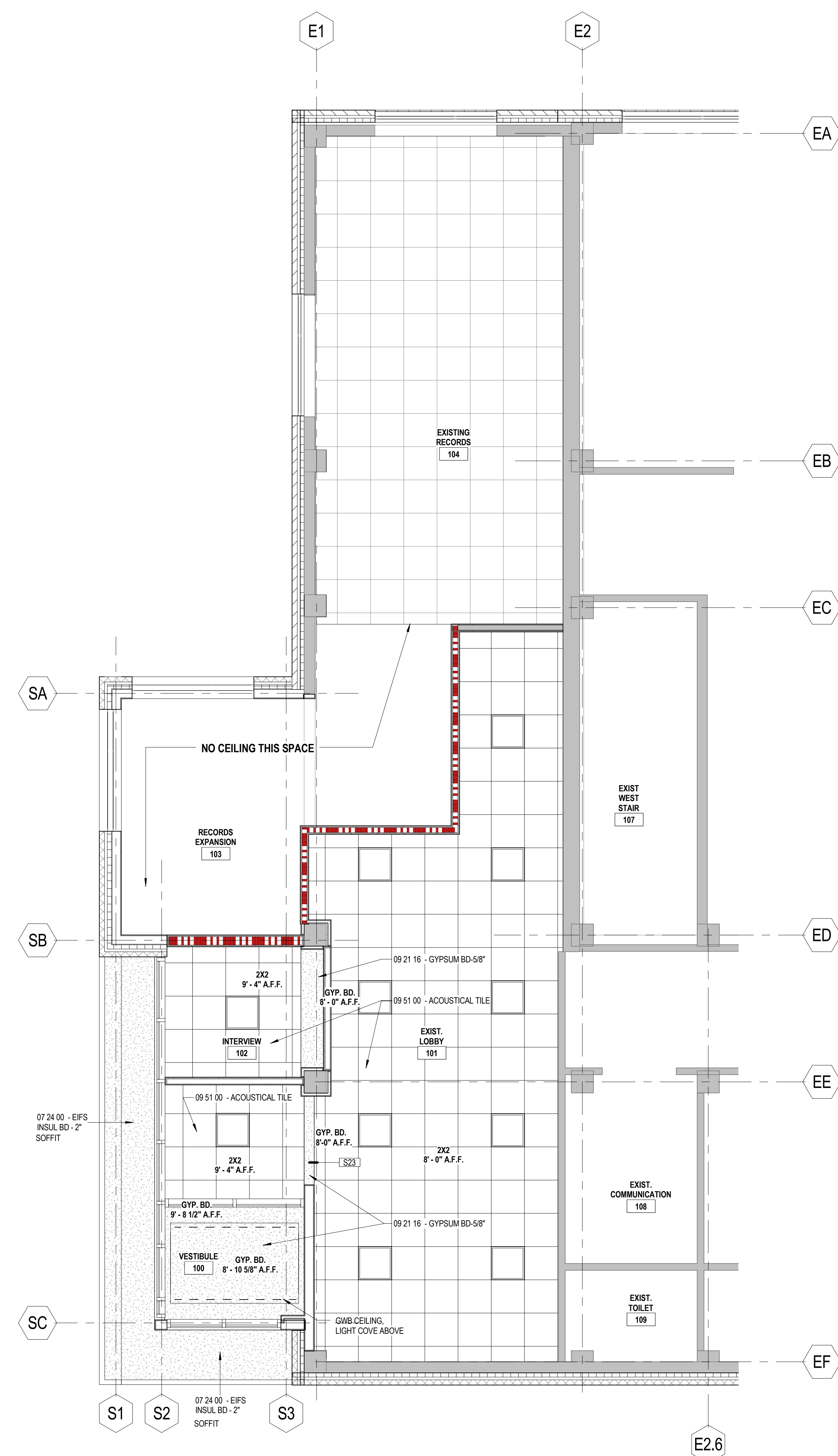
REVISED:

SCALE: As indicated

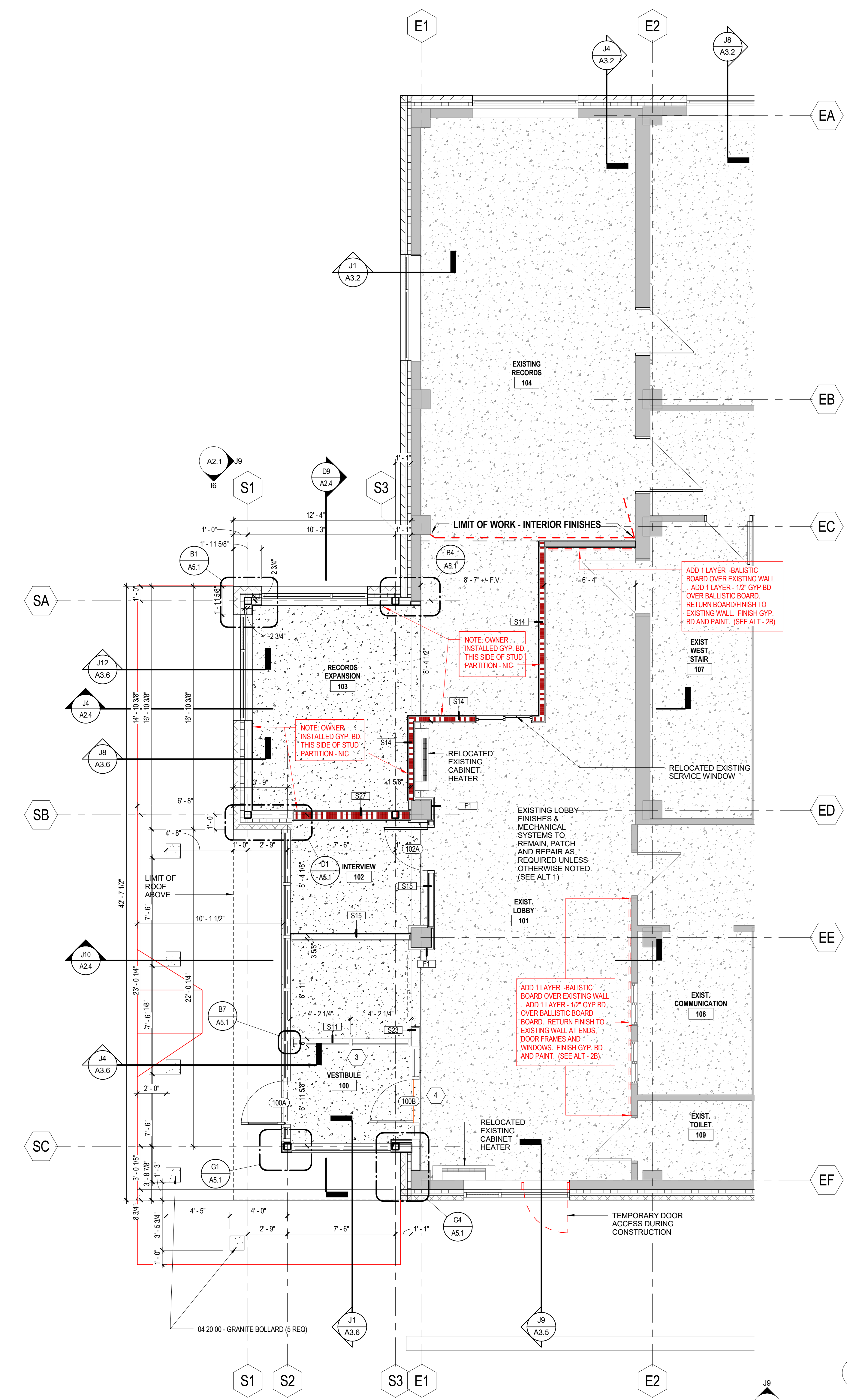
A4.1

Project Phase
**CONSTRUCTION DOCUMENTS
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J1
A4.1
LEVEL 1 - ENLARGED REFLECTED CEILING PLAN - PD LOBBY
1/4" = 1'-0"



J8
A4.1
LEVEL 1 - ENLARGED FLOOR PLAN - PD ENTRANCE
1/4" = 1'-0"

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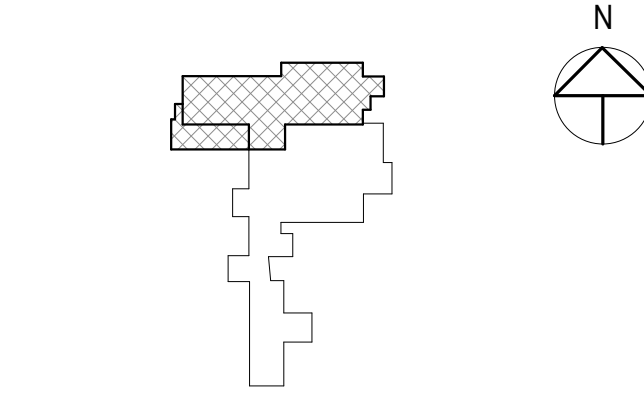


CITY OF PORTSMOUTH

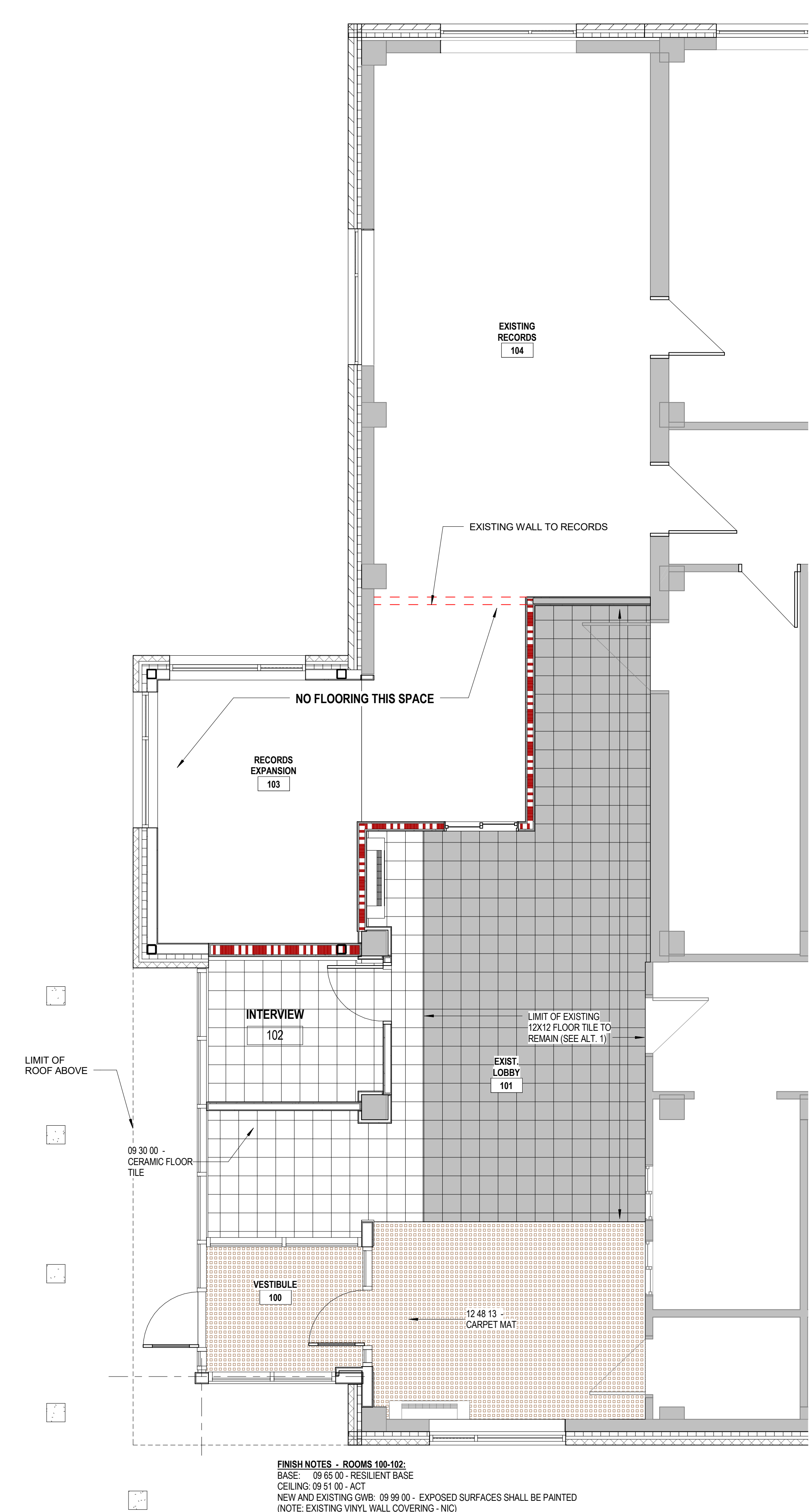
**FACADE
REPLACEMENT &
ADDITION -
PORTSMOUTH CITY
HALL**

1 Junkins Avenue
Portsmouth, NH 03801

NO.	DESCRIPTION	DATE



CONTENT: GENERAL NOTES, LEGENDS, ROOM FINISH SCHEDULES, PD ENTRANCE FLOOR PLAN - FINISHES	
DRAWN BY:	Author
PROJECT NO.:	16-042-00
DATE:	02/17/2017
REVISED:	
SCALE:	As indicated
<h1>A11.0</h1>	
Project Phase CONSTRUCTION DOCUMENTS - FOR BID ONLY	
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FINISH NOTES - ROOMS 100-102:
 BASE: 09.65.00 - RESILIENT BASE
 CEILING: 09.51.00 - ACT
 NEW AND EXISTING GWB: 09.99.00 - EXPOSED SURFACES SHALL BE PAINTED
 (NOTE: EXISTING VINYL WALL COVERING - NIC)

J9
 A11.0
 LEVEL 1 - ENLARGED FLOOR PLAN - PD ENTRANCE
 FINISHES
 1/4" = 1'-0"

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GENERAL NOTES

- 1. THE NOTES ON THESE DRAWINGS ARE NOT INTENDED TO REPLACE SPECIFICATIONS. SEE SPECIFICATIONS FOR REQUIREMENTS IN ADDITION TO GENERAL NOTES. INCONSISTENCIES BETWEEN THESE DRAWINGS AND THE SPECIFICATIONS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT PRIOR TO PROCEEDING WITH THE AFFECTED PORTION OF THE WORK.
2. STRUCTURAL DRAWINGS SHALL BE USED IN CONJUNCTION WITH JOB SPECIFICATIONS AND ARCHITECTURAL, MECHANICAL, ELECTRICAL, PLUMBING, AND SITE DRAWINGS. CONSULT THESE DRAWINGS FOR LOCATIONS AND DIMENSIONS OF OPENINGS, CHASES, INSERTS, REGLET SLEEVES, DEPRESSIONS, AND OTHER DETAILS NOT SHOWN ON STRUCTURAL DRAWINGS.
3. ALL DIMENSIONS, EXISTING CONDITIONS, AND AS-BUILT CONDITIONS MUST BE VERIFIED IN THE FIELD. ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE STRUCTURAL ENGINEER BEFORE PROCEEDING WITH THE AFFECTED PART OF THE WORK.
4. THE STRUCTURE IS DESIGNED TO BE SELF SUPPORTING AND STABLE ONLY AFTER THE STRUCTURAL WORK CONTAINED IN THE S- DRAWINGS IS COMPLETED. IT IS THE CONTRACTOR'S SOLE RESPONSIBILITY TO DETERMINE ERECTION PROCEDURES AND SEQUENCE TO ENSURE THE SAFETY OF THE BUILDING AND ITS COMPONENTS DURING ERECTION. THIS INCLUDES THE ADDITION OF NECESSARY SHORING, SHEETING, TEMPORARY BRACING, GUYS OR TIEDOWNS. SUCH MATERIAL SHALL REMAIN THE PROPERTY OF THE CONTRACTOR AFTER COMPLETION OF THE PROJECT.
5. SECTIONS AND DETAILS SHOWN ON ANY STRUCTURAL DRAWINGS SHALL BE CONSIDERED TYPICAL FOR SIMILAR CONDITIONS AS DETERMINED BY THE STRUCTURAL ENGINEER. THE STRUCTURAL ENGINEER RESERVES THE RIGHT TO INTERPRET DETAILS TO ADDRESS OTHER PROJECT CONDITIONS.
6. THE CONTRACTOR SHALL SUBMIT COMPLETE SHOP DRAWINGS FOR ALL PARTS OF THE WORK, INCLUDING DESCRIPTION OF SHORING AND CONSTRUCTION METHODS AND SEQUENCING WHERE APPLICABLE. NO PERFORMANCE OF THE WORK INCLUDING, BUT NOT LIMITED TO, DEMOLITION OF EXISTING STRUCTURE, OR FABRICATION OR ERECTION OF NEW STRUCTURAL ELEMENTS SHALL COMMENCE WITHOUT REVIEW OF THE SHOP DRAWINGS BY THE ARCHITECT AND ENGINEER. FOR SHOP DRAWINGS AND SUBMITTALS REQUIRED, REFERENCE THE PROJECT SPECIFICATION.
7. ALL APPLICABLE FEDERAL, STATE, AND MUNICIPAL REGULATIONS SHALL BE FOLLOWED, INCLUDING THE FEDERAL DEPARTMENT OF LABOR OCCUPATIONAL SAFETY AND HEALTH ACT.
8. IN ACCORDANCE WITH THE NEW HAMPSHIRE BUILDING CODE/INTERNATIONAL BUILDING CODE (2009 EDITION, SECTION 1704.1), A STATEMENT OF SPECIAL INSPECTIONS IS REQUIRED AS A CONDITION FOR PERMIT ISSUANCE BY THE LOCAL CODE OFFICIAL. THIS STATEMENT SHALL INCLUDE A COMPLETE LIST OF MATERIALS AND WORK REQUIREMENTS, SPECIAL INSPECTIONS, THE INSPECTIONS TO BE PERFORMED AND A LIST OF THE INDIVIDUALS, APPROVED AGENCIES AND FIRMS INTENDED TO BE RETAINED FOR CONDUCTING SUCH INSPECTIONS.
9. REFERENCE THE PROJECT SPECIFICATIONS FOR ALL TESTING REQUIREMENTS.

DESIGN LOADS

- 1. BUILDING CODE: NEW HAMPSHIRE BUILDING CODE INTERNATIONAL BUILDING CODE, 2009 EDITION INTERNATIONAL EXISTING BUILDING CODE, 2009 EDITION ASCE 7-05 MINIMUM DESIGN LOADS FOR BUILDINGS AND OTHER STRUCTURES OCCUPANCY CATEGORY: II, PER CITY OF PORTSMOUTH PROJECT DOES NOT NEED TO BE CONSIDERED AS AN ESSENTIAL FACILITY
2. LOAD FOR EXISTING BUILDING: A. GRAVITY LOADS: NO CHANGE OR INCREASE IN LOADS. B. LATERAL LOADS: NO CHANGE TO DEMAND-CAPACITY RATIO. LATERAL UPGRADES NOT REQUIRED PER IEBC.
3. LOAD FOR ADDITION AND NEW FACADE ELEMENTS: A. DESIGN FLOOR LIVE LOADS: LOBBY: 100 PSF MEETING ROOMS: 100 PSF
B. DESIGN ROOF SNOW LOAD: GROUND SNOW LOAD (Pg): 50 PSF SNOW EXPOSURE FACTOR (Ce): 1.0 SNOW LOAD IMPORTANCE FACTOR (Is): 1.0 SNOW LOAD THERMAL FACTOR (Ct): 1.1 FLAT ROOF SNOW LOAD (Pp): 38.5 PSF + DRIFT
C. DESIGN WIND LOAD: BASIC WIND SPEED: 100 MPH WIND LOAD IMPORTANCE FACTOR: 1.0 WIND EXPOSURE: 0 WIND EXPOSURE COEFFICIENT: -44 spsf/24 spsf INTERNAL PRESSURE COEFFICIENT: -28 spsf/24 spsf COMPONENTS & CLADDING PER ASCE 7-05 WALL PRESSURES (AREA=50 sq. ft.): CORNER: WALL PRESSURES (AREA=50 sq. ft.): FIELD:
D. DESIGN SEISMIC LOADS: EQUIVALENT LATERAL FORCE PROCEDURE SEISMIC OCCUPANCY CATEGORY: II SEISMIC IMPORTANCE FACTOR: 1.0 (Ih): 0.355 MAPPED SPECTRAL RESPONSE ACCELERATIONS: 0.078 Ss: D (UNKNOWN) S1: 0.36 SEISMIC SITE CLASS: C SPECTRAL RESPONSE COEFFICIENTS: BUILDING FRAME SYSTEM MOMENT RESISTING FRAME SYSTEM Sd1: X: 3.0 Y: 3.0 Z: 0.120 Y: 0.120
BASIC SEISMIC FORCE RESISTING SYSTEM: STEEL SYSTEM NOT SPECIFICALLY DETAILED FOR SEISMIC RESISTANCE RESPONSE MODIFICATION FACTOR (R): SEISMIC RESPONSE COEFFICIENT (Cs):

FOUNDATION NOTES (SOIL SUPPORTED)

- 1. FOUNDATIONS HAVE BEEN DESIGNED IN ACCORDANCE WITH REPORT LISTED BELOW. THE RECOMMENDATIONS OF THE REPORT ARE PART OF THIS WORK. REFER TO THIS REPORT FOR SPECIFIC RECOMMENDATIONS. REPORT TENDING.
2. FOUNDATION DESIGN IS BASED ON SHALLOW SPREAD FOOTINGS BEARING ON SUITABLE UNDISTURBED NATIVE SOILS AND/OR NEW COMPACTED STRUCTURAL FILL EXTENDING TO UNDISTURBED NATIVE SOIL. PER THE REQUIREMENTS OF THE GEOTECHNICAL REPORT. REFER TO THIS REPORT FOR THE SPECIFIC BEARING RECOMMENDATIONS.
3. ALLOWABLE BEARING CAPACITY 2,000 PSF (ASSUMED)
4. EXTEND BOTTOM OF EXTERIOR FOOTINGS AT LEAST 4 FEET BELOW THE FINAL EXTERIOR GRADE FOR PROTECTION AGAINST FROST.
5. NO FILL FOR BUILDING SUPPORT SHALL BE PLACED UNTIL UPGRADES HAVE BEEN OBSERVED AND APPROVED BY THE GEOTECHNICAL ENGINEER.
6. REFERENCE THE GEOTECHNICAL REPORT FOR ALL EXCAVATION, BACKFILL, COMPACTION, CONSTRUCTION DEWATERING AND PERMANENT DRAINAGE REQUIREMENTS.
7. SOILS EXPOSED AT THE BASE OF ALL SATISFACTORY FOUNDATION EXCAVATIONS SHOULD BE PROTECTED AGAINST ANY DETRIMENTAL CHANGE IN CONDITION, SUCH AS DISTURBANCE FROM RAIN OR FROST. SURFACE RUNOFF SHALL BE DRAINED AWAY FROM THE EXCAVATIONS AND NOT BE ALLOWED TO POND. FOUNDATION EXCAVATIONS SHALL BE ADEQUATELY PROTECTED FROM RAINFALL, OR FREEZING CONDITIONS. DRAINAGE MEASURES SHALL BE EMPLOYED.
8. EXCAVATIONS FOR BUILDING CONSTRUCTION SHALL BE IN ACCORDANCE WITH OSHA REQUIREMENTS. BRACED EXCAVATIONS SHALL BE DESIGNED BY A PROFESSIONAL ENGINEER REGISTERED IN THE STATE OF NEW HAMPSHIRE. DO NOT UNDERMINE EXISTING FOUNDATIONS OR ANY ADJACENT STRUCTURES. REFER TO THE GEOTECHNICAL REPORT FOR ADDITIONAL AND/OR MORE SPECIFIC REQUIREMENTS.

CONCRETE NOTES

- 1. CONCRETE WORK SHALL CONFORM TO "ACI MANUAL OF CONCRETE PRACTICE", LATEST EDITION. THIS PUBLICATION IS AVAILABLE THROUGH THE AMERICAN CONCRETE INSTITUTE (248) 848-3800.
2. CONCRETE FOUNDATIONS SHALL HAVE A MINIMUM 28-DAY COMPRESSIVE STRENGTH OF 3,500 PSI. CONCRETE SHALL HAVE A MINIMUM 28-DAY COMPRESSIVE STRENGTH OF 3,000 PSI. U.N.O. EXTERIOR SLAB-ON-GRADE SHALL HAVE A MINIMUM 28-DAY COMPRESSIVE STRENGTH OF 3,000 PSI. ADDITIONAL CONCRETE MAY BE REQUIRED TO PROVIDE AIR CONTENT, WATER-CEMENT RATIO, AGGREGATE SIZE, SLUMP, ETC. HAS BEEN INCLUDED IN THE PROJECT SPECIFICATIONS. SEE THE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
3. CONCRETE SHALL NOT BE PLACED IN WATER OR ON FROZEN GROUND.
4. PROVIDE PVC SLEEVES WHERE PIPES PASS THROUGH EXTERIOR CONCRETE, OR SLABS.
5. REINFORCING BARS SHALL CONFORM TO ASTM A615 GRADE 60 DEFORMED BARS AND SHALL BE DETAILED, FABRICATED AND PLACED IN ACCORDANCE WITH ACI 318, LATEST EDITION.
6. WELDED WIRE FABRIC SHALL CONFORM TO ASTM A-185 AND BE PROVIDED IN FLAT SHEETS.
7. FIBER REINFORCEMENT SHALL BE TYPE III SYNTHETIC VIRGIN HOMOPOLYMER POLYPROPYLENE FIBERS CONFORMING TO ASTM C1116.
8. MINIMUM CONCRETE PROTECTIVE COVERING FOR REINFORCEMENT, UNLESS NOTED OTHERWISE, SHALL BE AS FOLLOWS:
A. SURFACES CAST AGAINST AND PERMANENTLY IN CONTACT WITH EARTH, 3" 0"
B. FORMED SURFACES IN CONTACT WITH EARTH OR EXPOSED TO WEATHER #5 BARS, 5/8" DIAMETER WIRE AND SMALLER, 1.5" #6 THROUGH #11 BARS, 2.0"
C. SURFACES NOT IN CONTACT WITH EARTH OR EXPOSED TO WEATHER WALLS, SLABS, JOISTS #1 BARS AND SMALLER, 1.0" BEAMS, GIRDETS, AND COLUMNS: ALL REINFORCEMENT, 1.5"

- 9. REINFORCEMENT SHALL BE CONTINUOUS AROUND CORNERS AND AT INTERSECTIONS. PROVIDE LAPPED BARS AT NECESSARY SPLICES OR HOOKED BARS AT DISCONTINUOUS ENDS. PROVIDE TENSION LAP SPLICES PER THE SCHEDULE IN THIS DRAWING. FOR ALL REINFORCING UNLESS OTHERWISE SHOWN ON PLAN.
10. WELDING OF REINFORCEMENT IS NOT PERMITTED.
11. FOR ALL OPENINGS IN CONCRETE WALLS AND SLABS, PROVIDE SUPPLEMENTAL REINFORCING AROUND OPENING AS SHOWN ON THE CONTRACT DOCUMENTS TYPICAL DETAILS. NO PENETRATIONS SHALL BE MADE THROUGH FOOTINGS WITHOUT WRITTEN PERMISSION FROM ENGINEER.
12. CONSTRUCTION JOINTS SHOWN ON DRAWINGS ARE MANDATORY. OMISSIONS, ADDITIONS, OR CHANGES SHALL NOT BE MADE EXCEPT WITH THE SUBMITTAL OF A WRITTEN REQUEST TOGETHER WITH DRAWINGS OF THE PROPOSED JOINT LOCATIONS FOR APPROVAL OF THE STRUCTURAL ENGINEER. WHERE CONSTRUCTION JOINTS ARE NOT SHOWN, OR WHEN ALTERNATE LOCATIONS ARE PROPOSED, DRAWINGS SHOWING LOCATION OF CONSTRUCTION AND CONTROL JOINTS AND CONCRETE PLACING SEQUENCE SHALL BE SUBMITTED TO THE STRUCTURAL ENGINEER FOR REVIEW PRIOR TO PREPARATION OF THE REINFORCEMENT SHOP DRAWINGS. CONCRETE SHALL BE PLACED WITHOUT HORIZONTAL CONSTRUCTION JOINTS EXCEPT WHERE SHOWN OR NOTED. VERTICAL CONSTRUCTION JOINTS AND STOPS IN CONCRETE BEAMS, GRADE BEAMS SHALL BE MADE AT MIDSPAN OR AT POINTS OF MINIMUM SHEAR, UNLESS NOTED OTHERWISE.
13. SPACING OF CONSTRUCTION JOINTS, UNLESS NOTED OTHERWISE SHALL BE AS FOLLOWS:
A. FOOTINGS AND WALLS MAX LENGTH 40'-0" OR 15'-0" FROM ANY CORNER**
B. SLABS ON GRADE SEE FOUNDATION PLAN
** EXCEED ONLY WHERE INTERMEDIATE CONTRACTION JOINTS ARE PROVIDED. MINIMUM OF 72 HOURS SHALL ELAPSE BETWEEN ADJACENT CONCRETE PLACEMENTS.
14. ANCHOR RODS SHALL BE HEADED RODS CONFORMING TO ASTM F1554, GRADE 36 KSI WELDABLE STEEL, UNLESS NOTED OTHERWISE ON DRAWINGS. ANCHOR RODS THAT ARE TO BE IN CONTACT WITH PRESSURE TREATED LUMBER SHALL BE HOT-DIPPED GALVANIZED.
15. ALL GROUT BENEATH BASE PLATES & BEARING PLATES SHALL BE "5-STAR" 5000-PSI NON-SHRINK GROUT BY U.S. GROUT CORP.
16. SLAB THICKNESSES INDICATED ON THE DRAWINGS ARE MINIMUMS. PROVIDE SUFFICIENT CONCRETE TO ACCOUNT FOR STRUCTURE DEFLECTION, SUBGRADE FLUCTUATIONS, AND TO MAINTAIN THE SPECIFIED SLAB ELEVATION AT THE FLATNESS AND LEVELNESS INDICATED.
17. INSTALLATION OF REINFORCEMENT SHALL BE COMPLETED AT LEAST 24 HOURS PRIOR TO THE SCHEDULED CONCRETE PLACEMENT. NOTIFY ARCHITECT AND STRUCTURAL ENGINEER OF COMPLETION AT LEAST 24 HOURS PRIOR TO THE SCHEDULED COMPLETION OF THE INSTALLATION OF REINFORCEMENT.
18. ALL ITEMS TO BE EMBEDDED INTO CONCRETE SHALL BE INSTALLED PRIOR TO PLACEMENT OF CONCRETE. PROVIDE ADDITIONAL REINFORCEMENT AND/OR TEMPLATES AS REQUIRED TO ENSURE THE CORRECT POSITIONS OF EMBEDMENTS. "WET SETTING" OF EMBEDMENTS INTO CONCRETE IS STRICTLY PROHIBITED. EMBEDMENTS INCLUDE, BUT NOT BY LIMITATION, REINFORCEMENT, REINFORCING DOWELS, EMBEDDED PLATES, ANCHOR RODS, ANCHOR INSERTS, SLEEVES, LOAD TRANSFER PLATES, DIAMOND DOWELS, AND SHELF BULK HEADS.

STRUCTURAL STEEL NOTES

- 1. STRUCTURAL STEEL FABRICATION, ERECTION, AND CONNECTION DESIGN SHALL CONFORM TO AISC "SPECIFICATION FOR THE DESIGN FABRICATIONS, AND ERECTION OF STRUCTURAL STEEL" LATEST EDITION, AND THE "CODE OF STANDARD PRACTICE", LATEST EDITION.
2. STRUCTURAL STEEL: STEEL PLATES, SHAPES, AND BARS, CONFORM TO ASTM A36 UNLESS NOTED OTHERWISE (U.N.O.). STRUCTURAL STEEL SHAPES DESIGNATED ON THE DRAWINGS FOR WIDE-FLANGE SECTIONS, ASTM A992 (ASTM A572 GRADE 50 WITH SPECIAL REQUIREMENTS PER AISC TECHNICAL BULLETIN #3 DATED MARCH, 1997)
3. STRUCTURAL TUBING: CONFORM TO ASTM A500 GRADE B46 KSI.
4. FIELD CONNECTIONS SHALL BE BOLTED USING ASTM A325N HIGH STRENGTH BOLTS (U.N.O.) EXCEPT WHERE SLIP CRITICAL CONNECTIONS ARE REQUIRED AND NOTED BY AISC (SC) ON THE DRAWINGS. PROVIDE SLIP CRITICAL (SC) CONNECTIONS AT ALL MOMENT CONNECTIONS, BRACED FRAMES, RELIEVING ANGLES AND AS OTHERWISE NOTED. USE A490 BOLTS WHERE INDICATED.
5. WHERE WELDING IS INDICATED, ALL WELDING SHALL CONFORM TO AWS D1.1-LATEST EDITION. ELECTRODES SHALL CONFORM TO AWS A5.1 E70XX SERIES WITH PROPER ROD TO PRODUCE OPTIMUM WELD (LOW HYDROGEN).
7. STRUCTURAL STEEL FINISHES: -HD GALVANIZE ALL STEEL FOR FACADE SUPPORT AND OUTSIDE BUILDING ENVELOPE TOUCH UP HD AFTER WELDING AND WHERE DAMAGE WITH APPROVED RICH ZINC PAINT, BRUSH APPLIED. -PRIME PAINT ALL INTERIOR STEEL.
8. PROVIDE 3/8" MINIMUM STIFFENER PLATES EACH SIDE OF BEAM WEB AT BEAMS FRAMING OVER COLUMNS AND AT BEAMS SUPPORTING COLUMNS ABOVE.
9. PROVIDE 1/4" THICK LEVELING PLATE UNDER ALL COLUMN BASE PLATES UNLESS OTHERWISE NOTED. LEVELING PLATES SHALL BE SET AND GROUTED PRIOR TO ERECTING COLUMNS.
10. PROVIDE ALL MISCELLANEOUS ANGLES, PLATES, ANCHOR BLOTS ETC. SHOWN ON ARCHITECTURAL DRAWINGS FOR SUPPORT OF BLOCKING, PARAPETS, FINISHES, ETC. COORDINATE WITH MISCELLANEOUS METAL FABRICATOR TO ENSURE COMPLETE COVERAGE OF ALL ITEMS.
11. ANCHORS -SEE CONCRETE NOTES AND DRAWINGS FOR ANCHOR BOLT INFORMATION, TYP. -ADHESIVE ANCHORS INTO CONCRETE: HLTI HIT TZ EPOXY WITH HLTI HIT HY-200. PROVIDE STAINLESS STEEL AT ALL FACADE APPLICATIONS. -ADHESIVE ANCHORS INTO MASONRY: HLTI HIT TZ EPOXY WITH HLTI HIT HY-70. PROVIDE STAINLESS STEEL AT ALL FACADE APPLICATIONS.

METAL DECK

- 1. THE METAL ROOF DECK SHALL BE FORMED OF STEEL SHEETS CONFORMING TO THE FOLLOWING STANDARDS: ASTM A1008, GRADE C, OR ASTM A653, STRUCTURAL QUALITY, GRADE 53 OR HIGHER.
2. ROOF DECK SHALL BE AS NOTED ON THE DRAWINGS (OR EQUIVALENT).
3. FOR DECK ATTACHMENTS, PENETRATIONS AND ACCESSORIES REFER TO SPECIFICATIONS.

LINTELS

- 1. THE FOLLOWING LINTELS SHALL BE USED FOR MASONRY OPENINGS, U.N.O. ON DRAWINGS:
MASONRY OPENING LINTEL SIZE UP TO 3'-0" L 3 1/2 x 3 1/2 x 5/16 3'-1" TO 4'-0" L 4 x 3 1/2 x 5/16 (LLV) 4'-1" TO 6'-0" L 5 x 3 1/2 x 5/16 (LLV) 6'-1" TO 8'-0" L 6 x 3 1/2 x 5/16 (LLV)
2. PROVIDE ONE ANGLE FOR EACH 4" WALL THICKNESS. FOR 4" WALL THICKNESS, PROVIDE WT OR BUILT-UP SECTION WITH PROPERTIES EQUAL TO OR GREATER THAN 1 1/2 TIMES THE ANGLES PROPERTIES FOR 4" WALL THICKNESS.
3. PROVIDE 8" OF BEARING AT EACH END OF ALL LINTELS.
4. ALL EXTERIOR LINTELS SHALL BE HOT-DIPPED GALVANIZED.

REBAR LAP SPLICE TABLE. Table with columns: BAR SIZE, LAP LENGTH (3,500,4,000 PSI), LAP LENGTH (4,000,5,000 PSI). Rows for #3, #4, #5, #6, #7, #8.

ABBREVIATIONS

- A.B ANCHOR BOLT
ABV ABOVE
ACI AMERICAN CONCRETE INSTITUTE
ACCT ARCHITECTURAL CEILING TILE
ADDD ADDITIONAL
AESS ARCHITECTURAL EXPOSED STRUCT STEEL
A.F.F ABOVE FINISH FLOOR
ALT ALTERNATE
ALUM ALUMINUM
APA AMERICAN PLYWOOD ASSOCIATION
APPROX APPROXIMATE
ARCH ARCHITECT OR ARCHITECTURAL
BAL BALANCE
B.C.X BOTTOM CHORD EXTENSION
B.F BRACED FRAME
BLDG BUILDING
BLDG BRICK
BM BEAM
BIT BITUMINOUS
B.O BOTTOM OF BY OTHERS
BOT BEAM
B.P BEAM POCKET
BPL BASE PLATE
BRG BEARING
B.S BOTH SIDES
BSMT BASEMENT
BTWN BETWEEN
C/C OR C/C CENTER TO CENTER
C/COLD FORM METAL FRAMING
C.I.P CAST IN PLACE
CONST CONTRACTOR/CONST. JOINT
CL CENTER LINE
CLG CEILING
CLR CLEAR
CMU CONCRETE MASONRY UNIT
COL COLUMN
CONC CONCRETE
CONV CONNECTION
COORD COORDINATION
CONT CONTINUOUS
CONTR CONTRACTOR
COORD COORDINATION
CTR(D) CENTERED
d PENNY
DBL DOUBLE
DA OR Ø DIAMETER
DIAG DIAGONAL
DIM DIMENSION
DIA LOAD DEAD LOAD
DN DOWN
DO DRILLED PIER OR DEEP
DTL(S) DETAIL(S)
DWG(S) DRAWING(S)
DWS(D) DOWEL(S)
(E) OR EXIST EXISTING
EA EACH
EACH EACH
E.F EACH FACE
EXP EXPANSION JOINT
EL ELEVATION
ELEV ELEVATOR
ELEC ELECTRICAL
EMBED EMBEDMENT
ENGR ENGINEER
E.O.D ENGINEER OF RECORD
E.O.S EDGE OF SLAB
EQ EQUAL
EQ SP EQUALLY SPACED
EQUIP EQUIPMENT
E.W EACH WAY
E.W.B EACH WAY BOTTOM
EXISTEX EXISTING
EXP ANCHOR
EXT EXTERIOR
FB FLAT BAR
F.D FLOOR DRAIN
FIN.FL FINISH FLOOR
FIN.FL FINISH FLOOR/FAR FACE
FLG FLANGE
FLR FLOOR
F.F.E FINISH FLOOR ELEVATION
F.O.B FACE OF BRICK
F.O.FR FACE OF FRAMING
F.S FAR SIDE
F.F FOOT OR FEET
FT FOOTING
FTG FRAMING
GA GAGE/GAUGE
GALV GALVANIZED
GLU LAM GLUE LAM
G.B GRADE BEAM
G.C GENERAL CONTRACTOR
GR GRADE OR GRIND
GWB GYPSUM WALL BOARD
H.D HOLDOWN
H.D.GALV HOT DIPPED GALVANIZED
HK HOOK
HORIZ HORIZONTAL
HT HEIGHT
HVAC HEATING VENTILATION & COOLING
HSS HOLLOW STRUCTURAL SECTIONS
I.D INSIDE DIAMETER
INFO INFORMATION
I.F INSIDE FACE
INCH INCH
INSUL INSULATION
INTOR INTERIOR
JOIST JOIST
JOINT JOINT
K KIPS (1K=1000LBS)
L ANGLE
L.L LENGTH
LBS(LB) POUNDS(S)
LVE LOAD LIVE LOAD
LBB LONG LEGS BACK TO BACK
LHG LONG LEG HORIZ
LNG LONG LEG VERT
LOC(S) LOCATION(S) OR LOCATE
LONG LONG
LUM LAMINATED STRAND LUMBER
LT LIGHT
LWT LIGHTWEIGHT
L.V.L LEVEL OR LAMINATE VENEER LUMBER
L.W.B LONG WAY BOTTOM
L.W.T LONG WAY TOP
MACH MACHINE
MACH RM MACHINE ROOM
MAS MASONRY
MATL MATERIAL
MAX MAXIMUM
MECH MECHANICAL/ELECTRICAL/PLUMBING
M.F.P MANUFACTURER
MIN MINIMUM
MIS MISCELLANEOUS
M.O. MASONRY OPENING
METL METAL
N NORTH
N.I.C NOT IN CONTRACT
NO OR # NUMBER
NOMINAL NOMINAL
N-S NORTH-SOUTH
N.S. NEAR SIDE
NOT TO SCALE NOT TO SCALE
O.C. ON CENTER
O.D. OUTSIDE DIAMETER
O.F. OPPOSITE FACE
O.H. OPPOSITE HAND
OPNG OPENING
OPP OPPOSITE
P.A.F POWDER ACTUATED FASTENER
P.C. PILE CAP
PCA PORTLAND AND CONCRETE ASSOCIATION
PERP PERPENDICULAR
PL PLATE
PLCS PLATES
PLF POUNDS PER LINEAR FOOT
PSF POUNDS PER SQUARE FOOT
PREFAB PREFABRICATION
PRELIM PRELIMINARY
PVC PRESSURE TREATED POLYVINYL CHLORIDE
QTY QUANTITY
R RADIUS
REF REFERENCE
R.D. ROOF DRAIN
REINFORC (ING)(D)(I)MENT REINFORCING
REQD REQUIRED
REQMNTS REQUIREMENT(S)
R.O. ROUGH OPENING
RTU ROOF TOP UNIT
S.C. SLIP CRITICAL
SCHED SCHEDULE
SECT SECTION
S.F. SQUARE FOOT
SHT SHEET
SIM SIMILAR
SLH SHORT LEG HORIZONTAL
SLV SHORT LEG VERTICAL
S SOUTH
SPACE AT SPACE AT
SP @ SPACES
SPCS SPECIFICATIONS
S.K. SHEAR KEY
S.L. SHEAR LUG
S.S. STAINLESS STEEL
SSLT SLOTTED STANDARD
STD STEEL
STRUCT STRUCTURAL
STIFF STIFFENER
SHEARWALL SHEARWALL
S.W.B. SHORT WAY BOTTOM
S.W.T. SHORT WAY TOP
SYM SYMMETRICAL
T TOP
T&B TOP AND BOTTOM
T.C.X TOP CHORD EXTENSION
THK THICK
TL TOTAL LOAD
T.O. OR T/ TOP OF
T.O.S./TSL TOP OF STEEL etc.
TRANS TRANSVERSE
TYP TYPICAL
U.N.O. UNLESS NOTED OTHERWISE
VERT VERTICAL
V.I.F. VERIFY IN FIELD
W/W WITH
W/O WITHOUT
WD WIDTH OR WOOD
WF WIDE FLANGE
W.P. WORK POINT
WT WEIGHT
W.W.F. WELDED WIRE FABRIC

ABBREVIATIONS

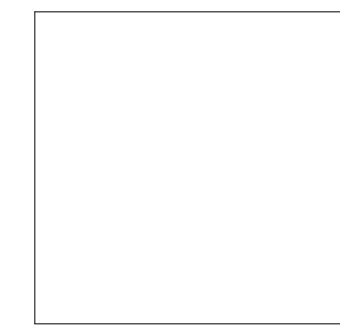
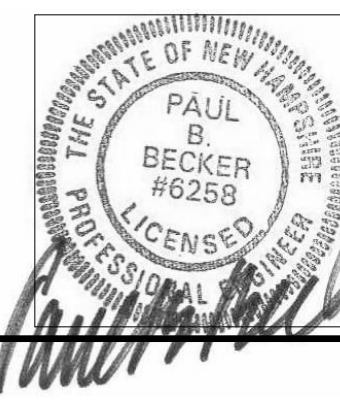
- INSIDE DIAMETER
INFORMATION
INSIDE FACE
INCH
INSULATION
INTERIOR
JOIST
JOINT
KIPS (1K=1000LBS)
ANGLE
LENGTH
POUNDS(S)
LIVE LOAD
LONG LEGS BACK TO BACK
LONG LEG HORIZ
LONG LEG VERT
LOCATION(S) OR LOCATE
LONG
LAMINATED STRAND LUMBER
LIGHTWEIGHT
LEVEL OR LAMINATE VENEER LUMBER
LONG WAY BOTTOM
LONG WAY TOP
MACHINE
MACHINE ROOM
MASONRY
MATERIAL
MAXIMUM
MECHANICAL/ELECTRICAL/PLUMBING
MANUFACTURER
MINIMUM
MISCELLANEOUS
MASONRY OPENING
METAL
NORTH
NOT IN CONTRACT
NUMBER
NOMINAL
NORTH-SOUTH
NEAR SIDE
NOT TO SCALE
ON CENTER
OUTSIDE DIAMETER
OPPOSITE FACE
OPPOSITE HAND
OPENING
OPPOSITE
POWDER ACTUATED FASTENER
PILE CAP
PORTLAND AND CONCRETE ASSOCIATION
PERPENDICULAR
PLATE
PLATES
POUNDS PER LINEAR FOOT
POUNDS PER SQUARE FOOT
PREFABRICATION
PRELIMINARY
PRESSURE TREATED POLYVINYL CHLORIDE
QUANTITY
RADIUS
REFERENCE
ROOF DRAIN
REINFORCING
REQUIRED
REQUIREMENT(S)
ROUGH OPENING
ROOF TOP UNIT
SLIP CRITICAL
SCHEDULE
SECTION
SQUARE FOOT
SHEET
SIMILAR
SHORT LEG HORIZONTAL
SHORT LEG VERTICAL
SPACE AT
SPACES
SPECIFICATIONS
SHEAR KEY
SHEAR LUG
STAINLESS STEEL
SLOTTED STANDARD
STEEL
STRUCTURAL
STIFFENER
SHEARWALL
SHORT WAY BOTTOM
SHORT WAY TOP
SYMMETRICAL
TOP
TOP AND BOTTOM
TOP CHORD EXTENSION
THICK
TOTAL LOAD
TOP OF
TOP OF STEEL etc.
TRANSVERSE
TYPICAL
UNLESS NOTED OTHERWISE
VERTICAL
VERIFY IN FIELD
WITH
WITHOUT
WIDTH OR WOOD
WIDE FLANGE
WORK POINT
WEIGHT
WELDED WIRE FABRIC



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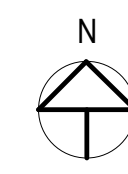


CITY OF PORTSMOUTH

CITY HALL NORTH BUILDING FACADE REPLACEMENT

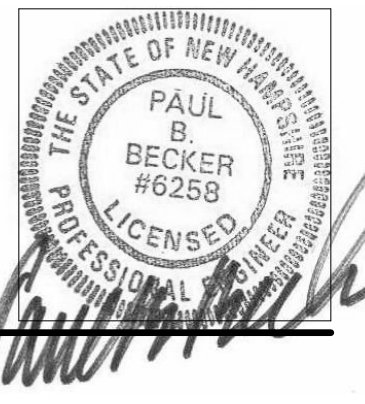
1 JUNKINS AVENUE
PORTSMOUTH, NH
03801

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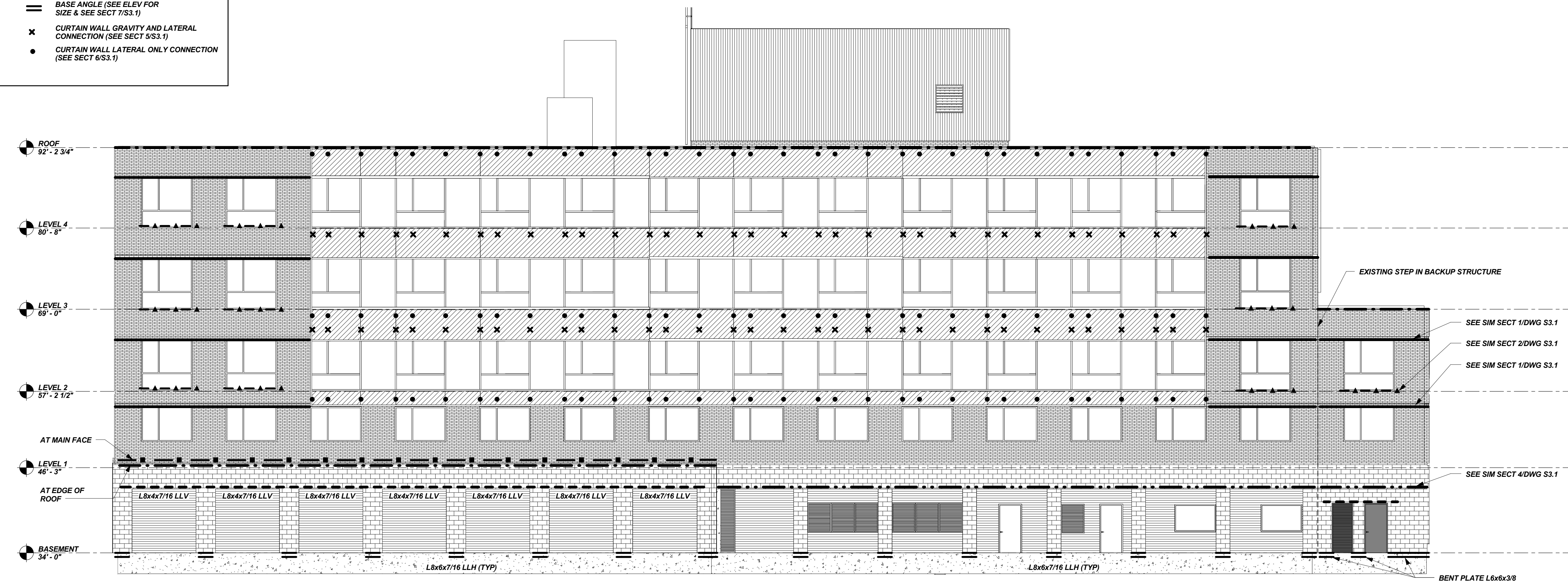
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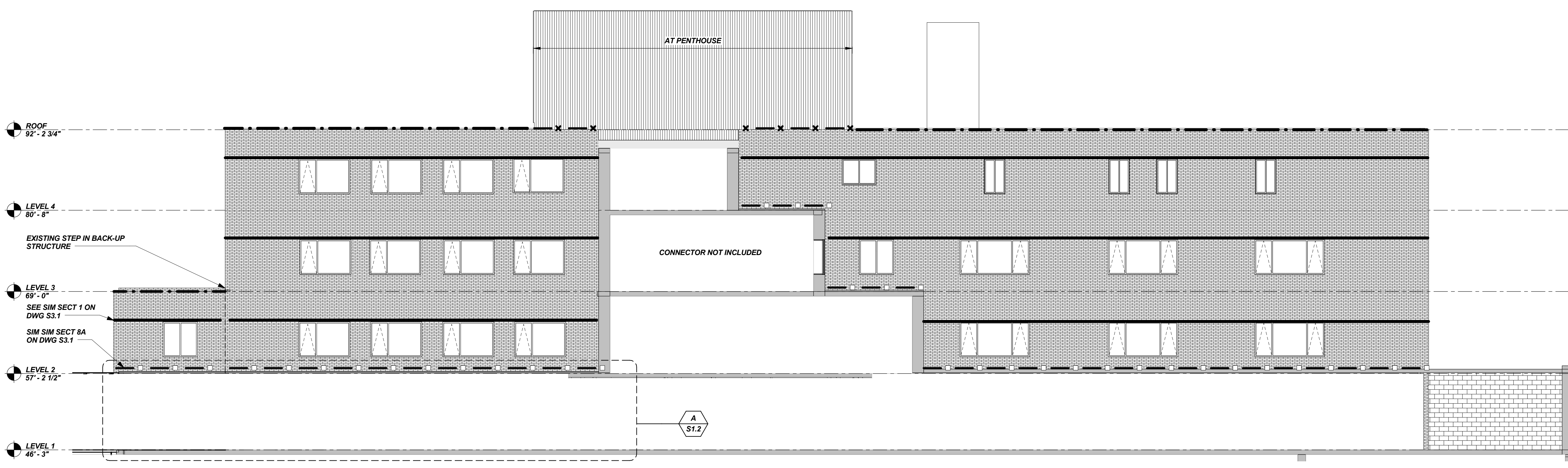


LINE TYPE & SYMBOL LEGEND

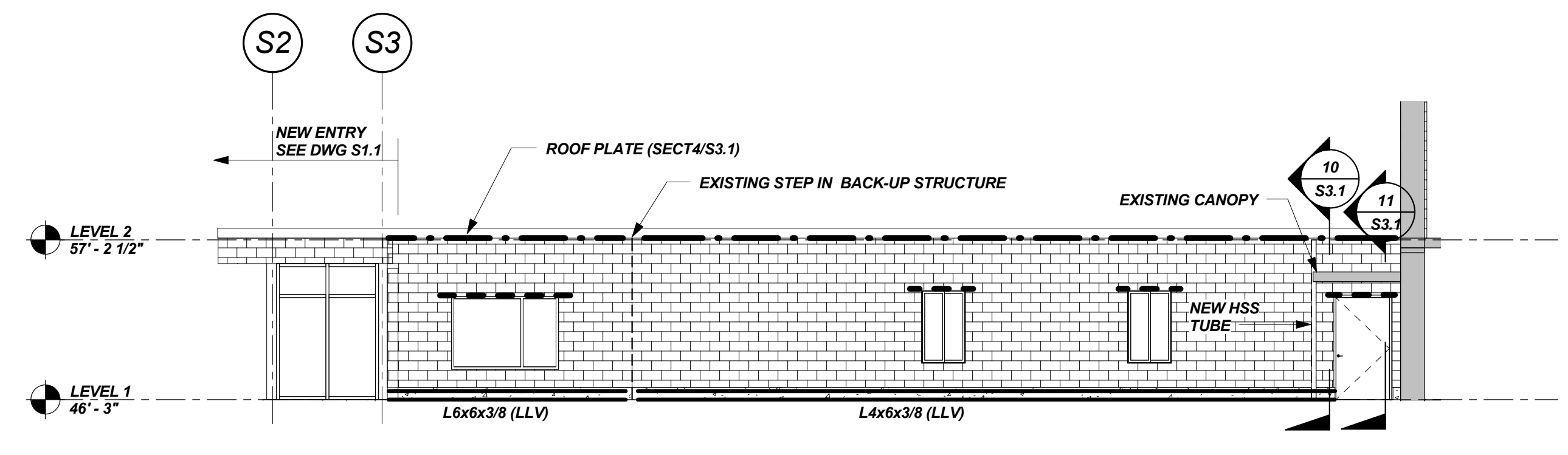
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LOOSE LINTEL (SEE SCHED DWG S1.0)	ANGLE ABOVE LOW ROOF ATTACHED TO SPANDREL & COLUMNS (SEE SECT 8/S3.1)
CONT TOP OF WALL PLATE (SEE SECT 4/S3.1)	ANGLE ABOVE LOW ROOF BEARING ON ROOF (SEE SECT 8A/S3.1)
CONT RELIEVING ANGLE (SEE SECT 1/S3.1)	BASE ANGLE (SEE ELEV FOR SIZE & SEE SECT 7/S3.1)
ANGLE AT PENTHOUSE (SEE SECT 9/S3.1)	CURTAIN WALL GRAVITY AND LATERAL CONNECTION (SEE SECT 9/S3.1)
	CURTAIN WALL LATERAL ONLY CONNECTION (SEE SECT 6/S3.1)



NORTH ELEVATION
1/8" = 1'-0"



SOUTH ELEVATION
1/8" = 1'-0"



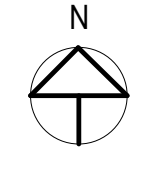
DETAIL
1/8" = 1'-0"

CITY OF PORTSMOUTH

**CITY HALL NORTH
BUILDING FACADE
REPLACEMENT**

1 JUNKINS AVENUE
PORTSMOUTH, NH
03801

NO.	DESCRIPTION	DATE



FOR ADDITIONAL INFORMATION, REFER TO PROJECT MANUAL.

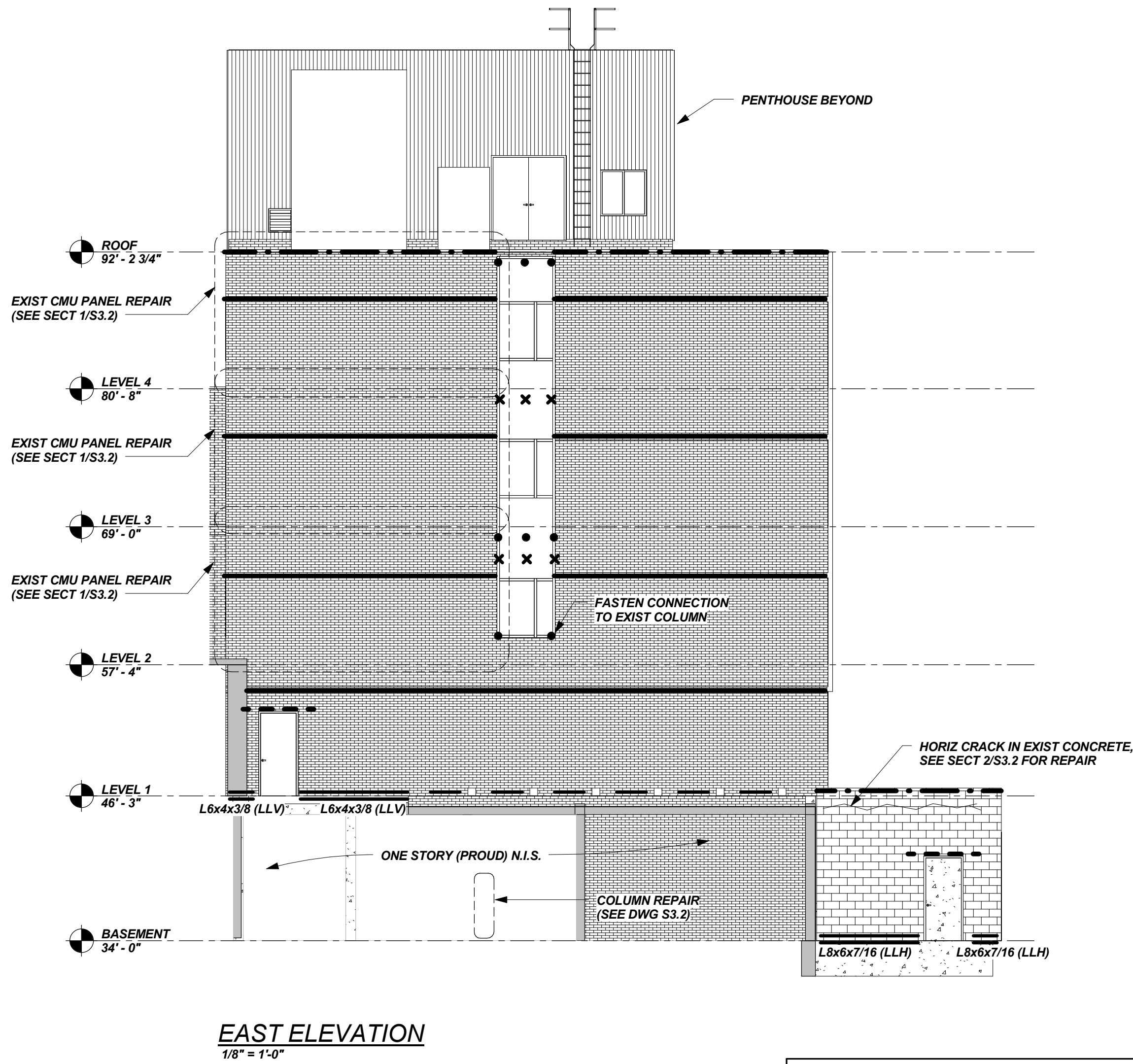
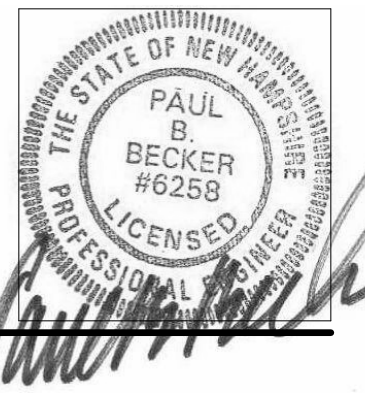
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EXTERIOR ELEVATIONS

DRAWN BY: MSK
PROJECT NO: 3862
DATE: 02/17/2017
REVISED:
SCALE: As indicated

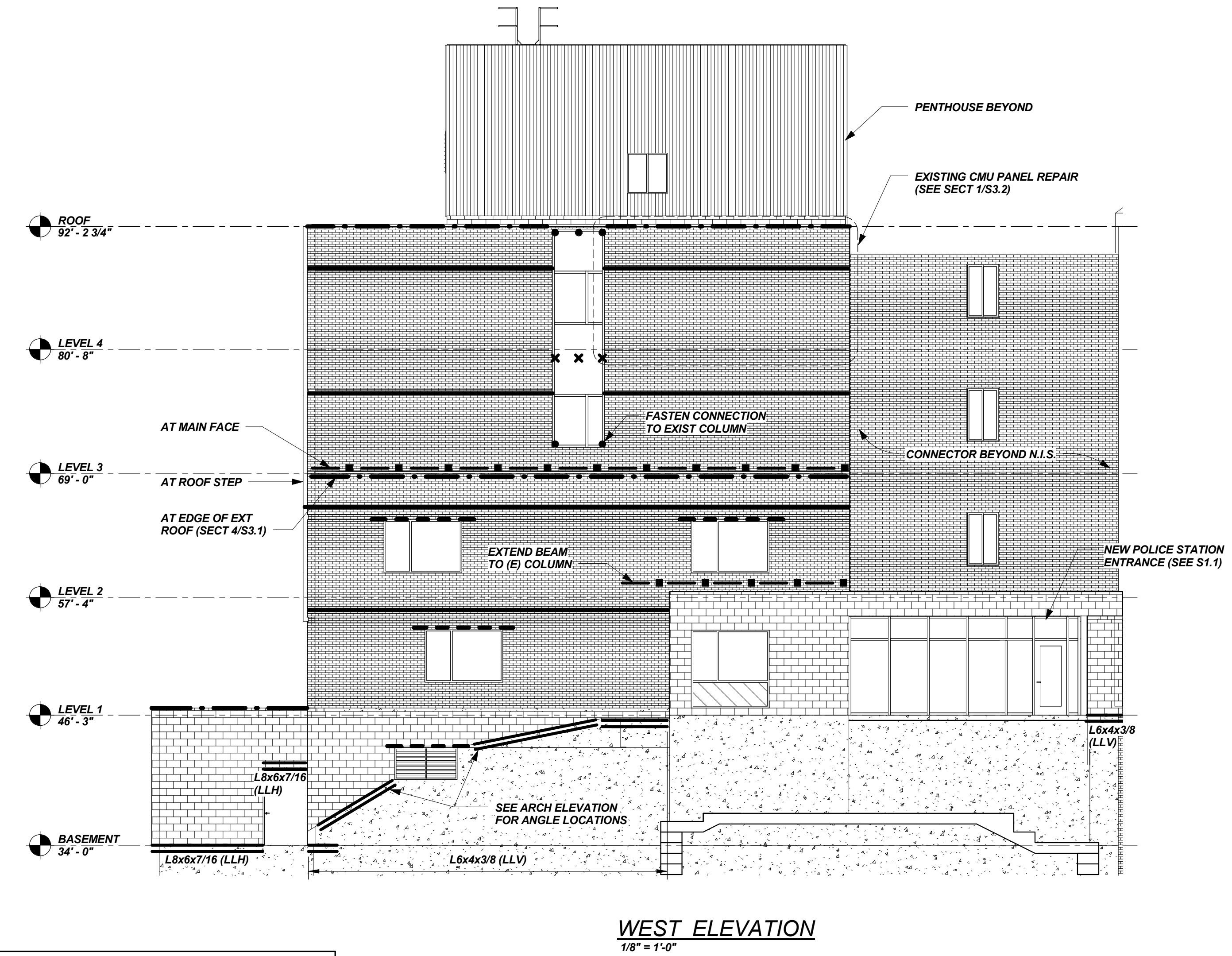
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Project Phase
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EAST ELEVATION
1/8" = 1'-0"



WEST ELEVATION
1/8" = 1'-0"

LINE TYPE & SYMBOL LEGEND	
RELIEVING ANGLE AND PLATE (SEE SECT 3/S3.1)	RELIEVING WINDOW ANGLE (SEE SECT 2/S3.1)
LOOSE LINTEL (SEE SCHED DWG S1.0)	ANGLE ABOVE LOW ROOF ATTACHED TO SPANDREL & COLUMNS (SEE SECT 8/S3.1)
CONT TOP OF WALL PLATE (SEE SECT 4/S3.1)	ANGLE ABOVE LOW ROOF BEARING ON ROOF (SEE SECT 8A/S3.1)
CONT RELIEVING ANGLE (SEE SECT 1/S3.1)	FLASHING SUPPORT (SEE SECT 12/S3.1)
ANGLE AT PENTHOUSE (SEE SECT 9/S3.1)	BASE ANGLE (SEE ELEV FOR SIZE & SEE SECT 7/S3.1)
	CURTAIN WALL GRAVITY AND LATERAL CONNECTION (SEE SECT 5/S3.1)
	CURTAIN WALL LATERAL ONLY CONNECTION (SEE SECT 9/S3.1)

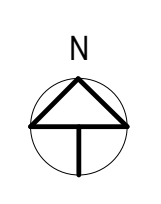
A
B
C
D
E
F
G
H
I
J

CITY OF PORTSMOUTH

**FAÇADE
REPLACEMENT &
ADDITION -
PORTSMOUTH CITY
HALL**

1 JUNKINS AVENUE
PORTSMOUTH, NH
03801

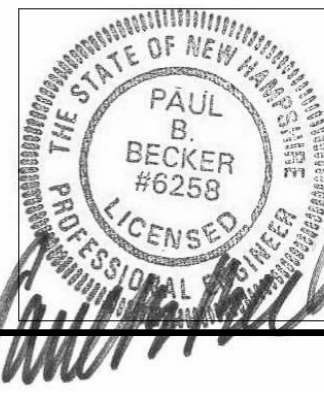
NO.	DESCRIPTION	DATE
	Post Geotech Report	04/05/17



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PROJECT NO:	3862
DATE:	02/17/2017
REVISED:	
SCALE:	As indicated
S1.3	
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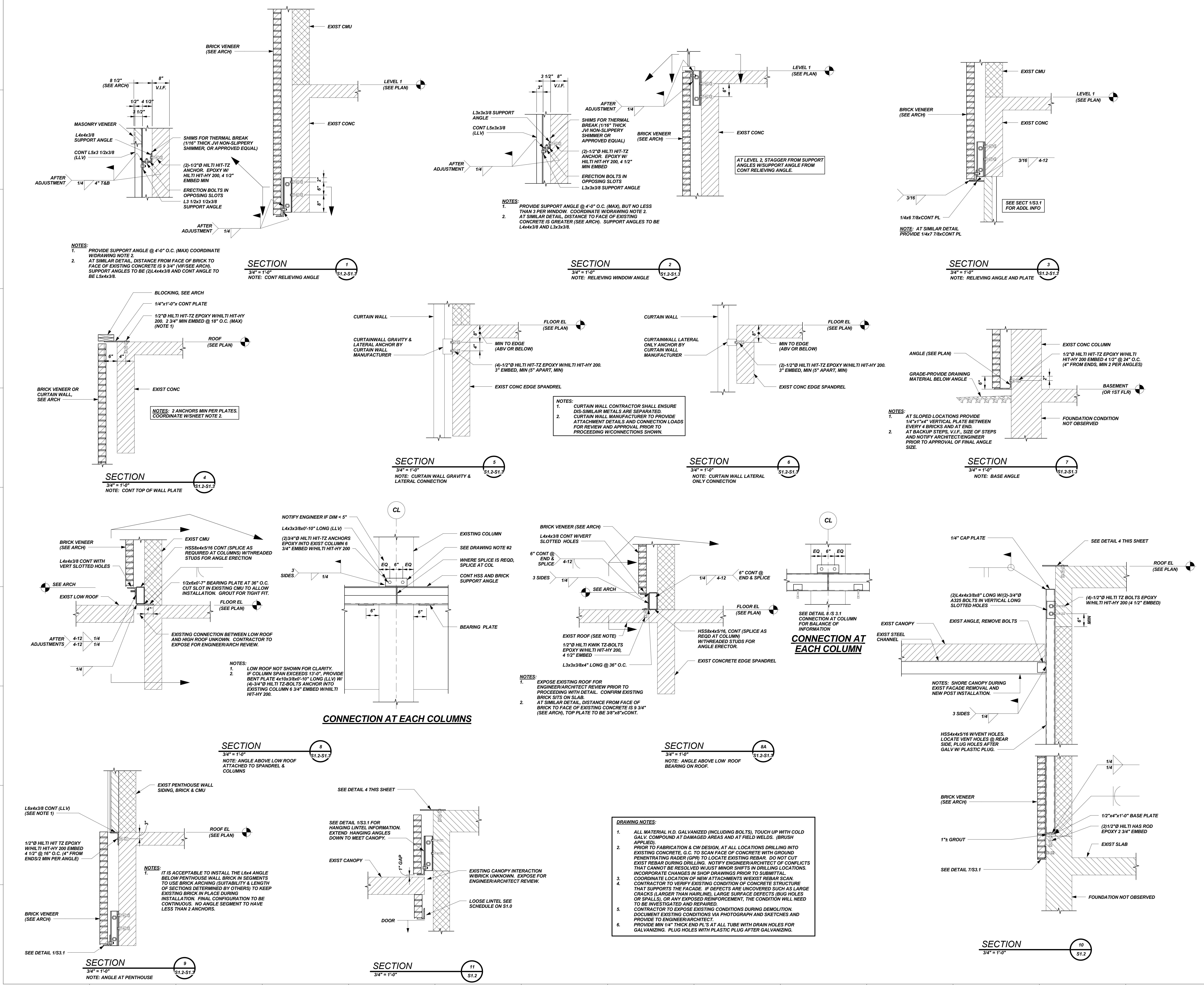
CITY OF PORTSMOUTH
**CITY HALL NORTH
BUILDING FACADE
REPLACEMENT**

1 JUNKINS AVENUE
PORTSMOUTH, NH
03801

NO.	DESCRIPTION	DATE

FOR ADDITIONAL INFORMATION, REFER TO PROJECT MANUAL.

CONTENT:	FRAMING SECTIONS & DETAILS
DRAWN BY:	MSK
PROJECT NO.:	3862
DATE:	02/17/2017
REVISED:	
SCALE:	As indicated
S3.1	
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DRAWING NOTES:

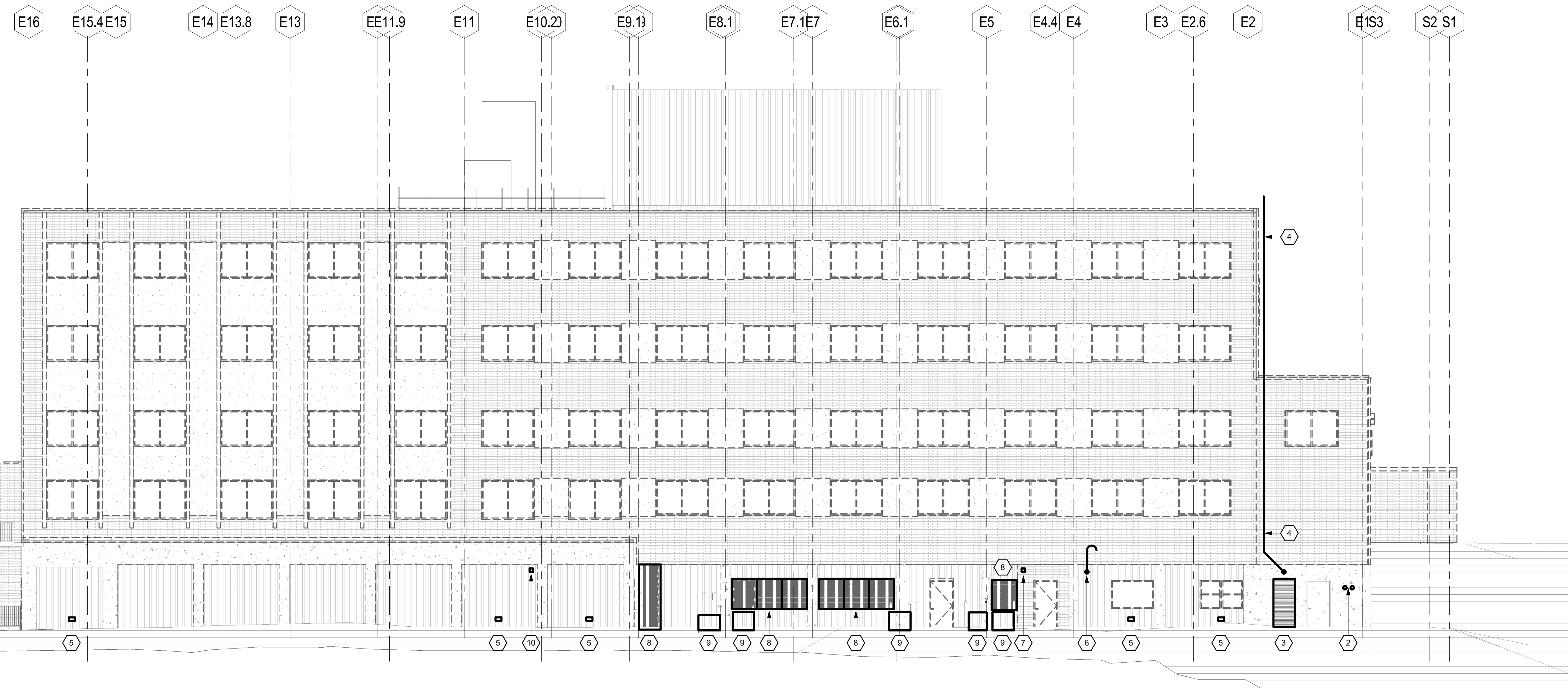
- ALL MATERIAL H.D. GALVANIZED (INCLUDING BOLTS), TOUCH UP WITH COLD GALV. COMPOUND AT DAMAGED AREAS AND AT FIELD WELDS. (BRUSH APPLIED)
- PRIOR TO FABRICATION & CW DESIGN, AT ALL LOCATIONS DRILLING INTO EXISTING CONCRETE, G.C. TO SCAN FACE OF CONCRETE WITH GROUND PENETRATING RADER (GPR) TO LOCATE EXISTING REBAR. DO NOT CUT EXIST REBAR DURING DRILLING. NOTIFY ENGINEER/ARCHITECT OF CONFLICTS THAT CANNOT BE RESOLVED W/ JUST MINOR SHIFTS IN DRILLING LOCATIONS. INCORPORATE CHANGES IN SHOP DRAWINGS PRIOR TO SUBMITTAL.
- COORDINATE LOCATION OF NEW ATTACHMENTS W/ EXIST REBAR SCAN. CONTRACTOR TO VERIFY EXISTING CONDITION OF CONCRETE STRUCTURE THAT SUPPORTS THE FACADE. IF DEFECTS ARE UNCOVERED SUCH AS LARGE CRACKS (LARGER THAN HAIRLINE), LARGE SURFACE DEFECTS (BUG HOLES OR SPALLS), OR ANY EXPOSED REINFORCEMENT, THE CONDITION WILL NEED TO BE INVESTIGATED AND REPAIRED.
- CONTRACTOR TO EXPOSE EXISTING CONDITIONS DURING DEMOLITION. DOCUMENT EXISTING CONDITIONS VIA PHOTOGRAPH AND SKETCHES AND PROVIDE TO ENGINEER/ARCHITECT.
- PROVIDE MIN 1/4" THICK END PL'S AT ALL TUBE WITH DRAIN HOLES FOR GALVANIZING. PLUG HOLES WITH PLASTIC PLUG AFTER GALVANIZING.

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HVAC EXISTING CONDITIONS KEYED NOTES:

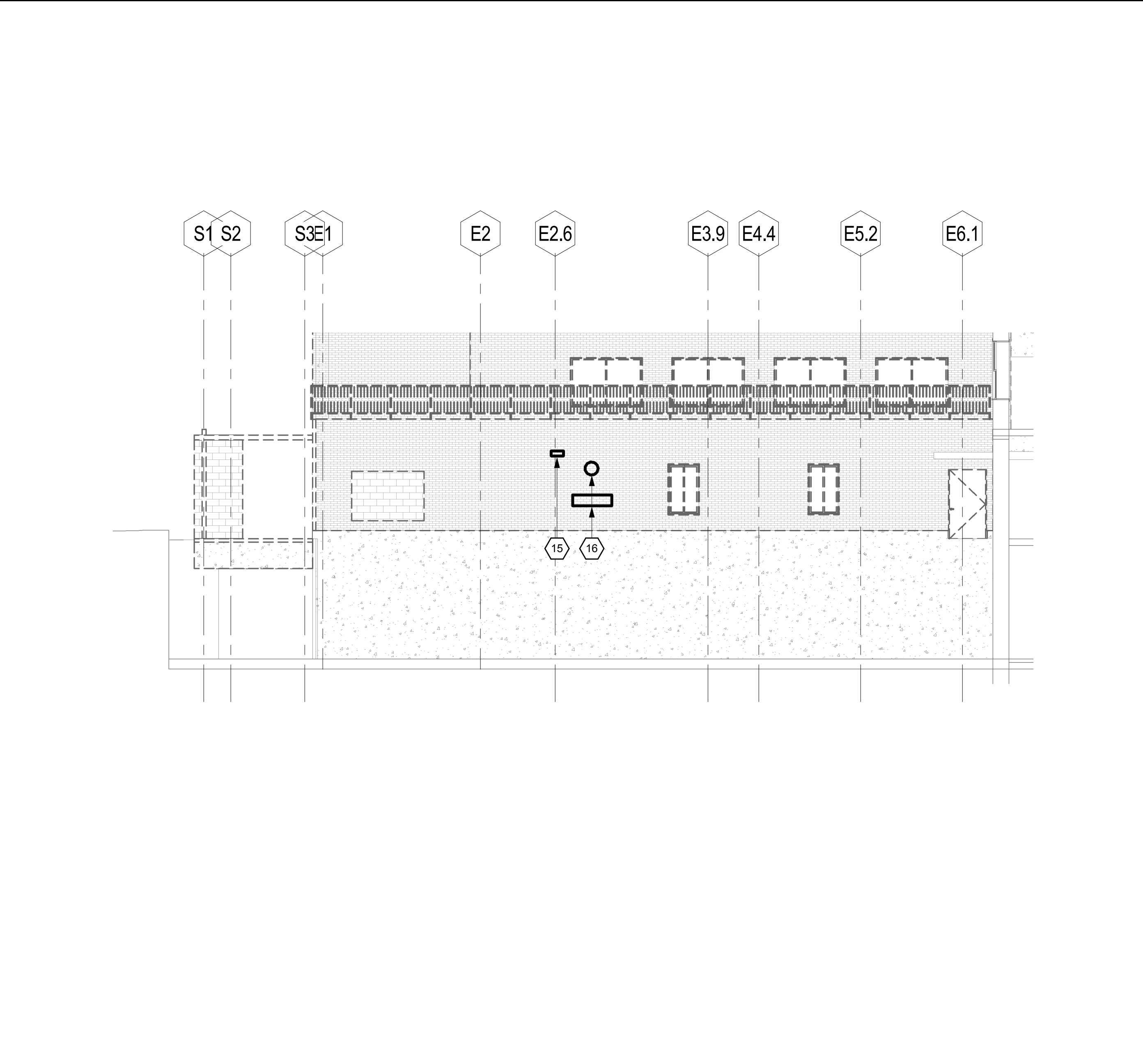
GENERAL NOTE: UNLESS NOTED OTHERWISE, EXISTING MECHANICAL AND PLUMBING ITEMS LOCATED ON FACADES RECEIVING UPDATES SHALL BE TEMPORARILY REMOVED AND RE-INSTALLED. PROVIDE MODIFICATIONS AS REQUIRED (INCLUDING PIPING OR DUCTWORK EXTENSIONS) SO THAT SYSTEMS ARE FUNCTIONAL AND CODE COMPLIANT WHEN WORK IS COMPLETED.

- 1 GENERATOR LOUVERS AND A.T.C. SENSORS.
- 2 GENERATOR FUEL FILL AND VENT.
- 3 GENERATOR LOUVER.
- 4 GENERATOR EXHAUST (FROM BASEMENT GENERATOR ROOM UP TO ABOVE HIGH ROOF); TEMPORARILY REMOVE ENTIRE VERTICAL RUN AND INSTALL A HORIZONTAL EXHAUST (WELDED STEEL) SO THAT SYSTEM IS FULLY FUNCTIONAL DURING ENTIRE CONSTRUCTION TIMELINE. TEMPORARY SERVICE INTERRUPTION SHALL BE CAREFULLY COORDINATED WITH THE FACILITY. REINSTALL ENTIRE ORIGINAL PIPE UP TO HIGH ROOF AFTER FACADE REPLACEMENT AND PAINT PIPE TO MATCH NEW BRICK, COORDINATE WITH ARCHITECT.
- 5 VENTILATION LOUVER AND CONDENSATE DRAIN.
- 6 VENT PIPE.
- 7 A.T.C. SENSOR.
- 8 AHU LOUVER TO BE REPLACED. REFER TO ARCHITECTURAL DRAWINGS. RECONNECT TO EXISTING DUCTWORK. DUCTWORK SHALL BE G60 GALVANIZED PER SMACNA. APPLY WATER BASED SEALANT PER SMACNA. PATCH/REPLACE DUCT INSULATION TO MATCH.
- 9 CONDENSING UNITS AND REFRIGERANT PIPING. TEMPORARILY INSTALL UNITS AWAY FROM BUILDING SO THAT FACADE WORK MAY BE ACCOMPLISHED WITHOUT INTERFERENCE. THE SYSTEMS SHALL BE FULLY FUNCTIONAL DURING ENTIRE CONSTRUCTION TIMELINE. TEMPORARY SERVICE INTERRUPTION SHALL BE CAREFULLY COORDINATED WITH THE FACILITY. PIPING, CONTROLS AND INSULATION SHALL BE PER MANUFACTURER RECOMMENDATIONS AND PER APPLICABLE CODES.
- 10 VENT WALL CAP.
- 11 RELOCATE CABINET UNIT HEATER DURING CONSTRUCTION FOR TEMPORARY ENTRANCE. MODIFY PIPING AND CONTROLS AS REQUIRED. PROVIDE PIPE MATERIAL TO MATCH EXISTING AND INSULATE PER CODE.
- 12 RELOCATE CABINET UNIT HEATER, MODIFY PIPING AND CONTROLS AS REQUIRED. PROVIDE PIPE MATERIAL TO MATCH EXISTING AND INSULATE PER CODE.
- 13 WATER SERVICE SHUTOFF VALVE. TO BE RELOCATED BY OTHERS, SEE CIVIL DRAWINGS.
- 14 MANHOLE. TO BE RELOCATED BY OTHERS, SEE CIVIL DRAWINGS.
- 15 VENT WALL CAP.
- 16 SPRINKLER F.D. CONNECTIONS, STANDPIPE CONNECTIONS, DRAIN AND BELL.



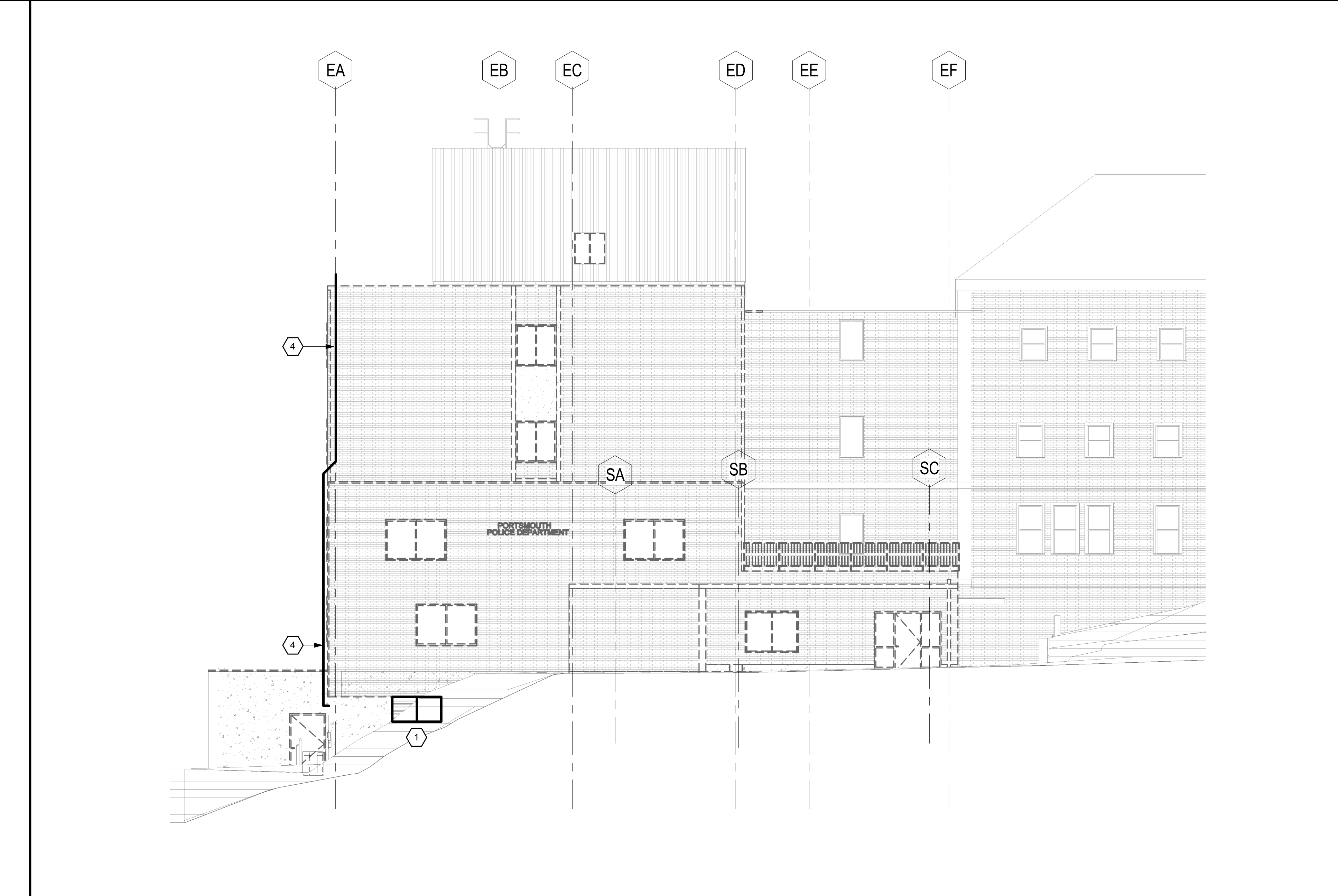
E1 North - Mechanical

1/8" = 1'-0"



A1 South - Mechanical

1/8" = 1'-0"

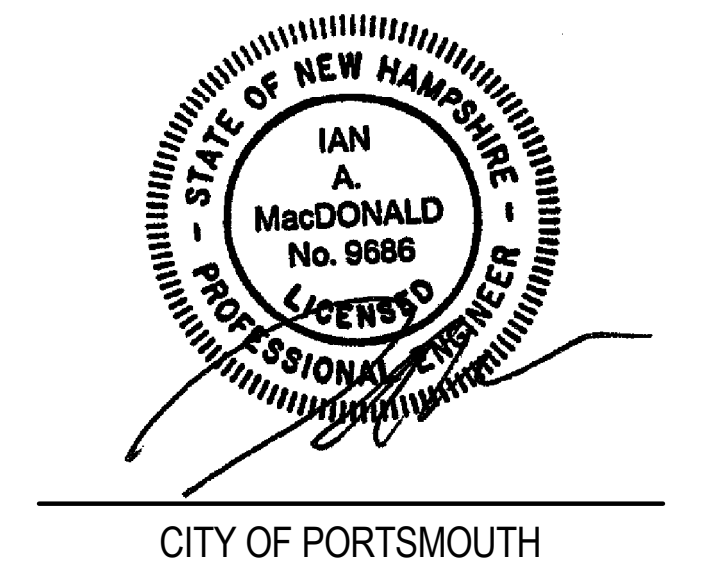


A6 West - Mechanical

1/8" = 1'-0"

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Structural Mechanical Electrical Commissioning

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Web: www.allied-eng.com



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FACADE REPLACEMENT & ADDITION - PORTSMOUTH CITY HALL

1 JUNKINS AVENUE
PORTSMOUTH, NH 03801

NO.	DESCRIPTION	DATE

CONTENT:
HVAC Elevations

DRAWN BY: SMR

PROJECT NO: 16082

DATE: 02/17/2017

REVISED:

SCALE: As Indicated

M-101

Project Phase
CONSTRUCTION DOCUMENTS
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CITY OF PORTSMOUTH

FACADE REPLACEMENT & ADDITION - PORTSMOUTH CITY HALL

1 Jenkins Avenue
 Portsmouth, NH 03801

NO.	DESCRIPTION	DATE

CONTENT:
 Enlarged PD Entrance HVAC Plans

DRAWN BY: SMR

PROJECT NO: 16082

DATE: 02/17/2017

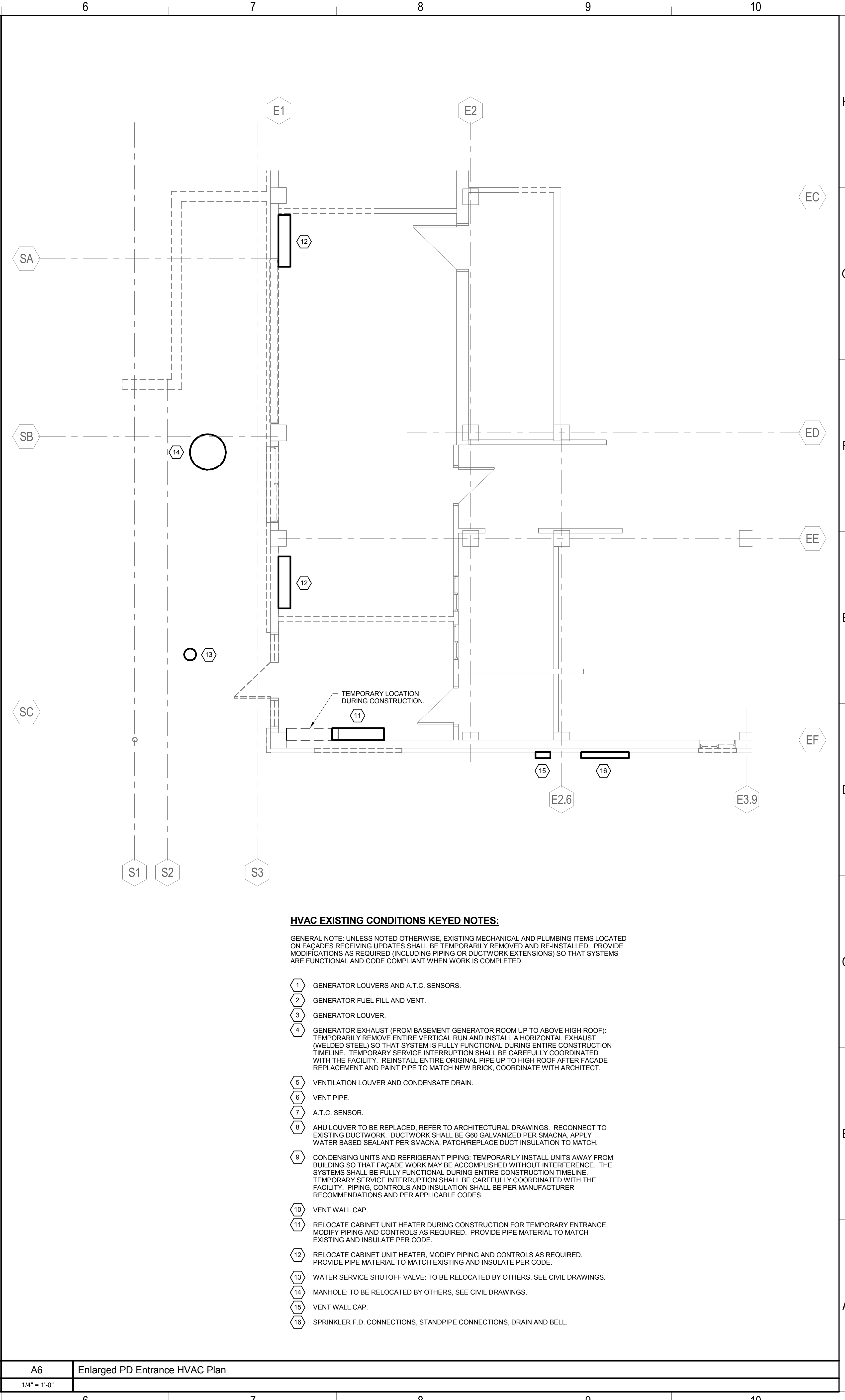
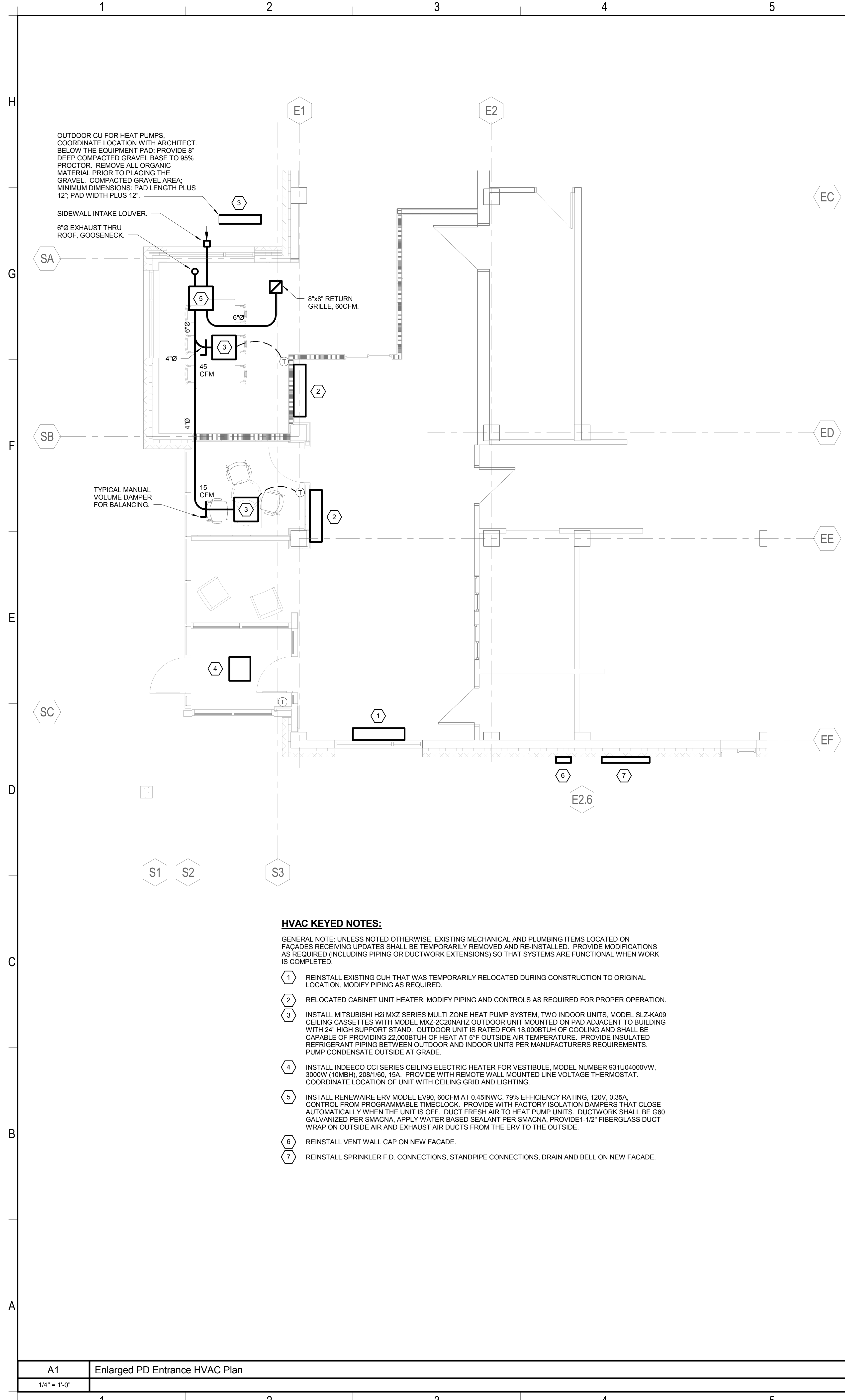
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SCALE: As Indicated

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Project Phase
CONSTRUCTION DOCUMENTS
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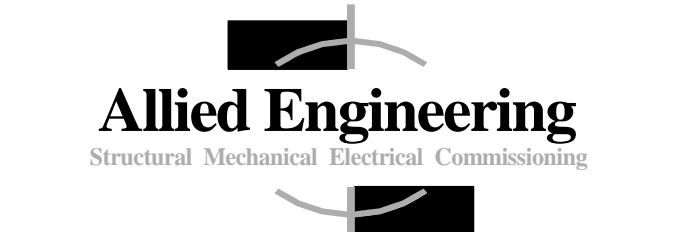
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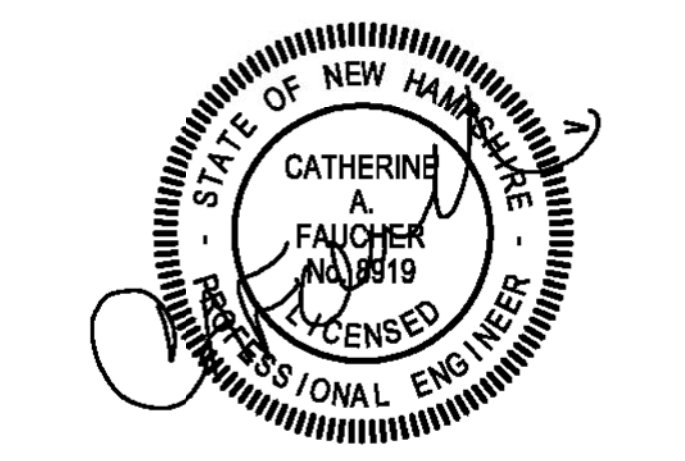
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A1 Enlarged PD Entrance HVAC Plan 1/4" = 1'-0"

A6 Enlarged PD Entrance HVAC Plan 1/4" = 1'-0"



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CITY OF PORTSMOUTH

FACADE REPLACEMENT & ADDITION - PORTSMOUTH CITY HALL

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NO.	DESCRIPTION	DATE

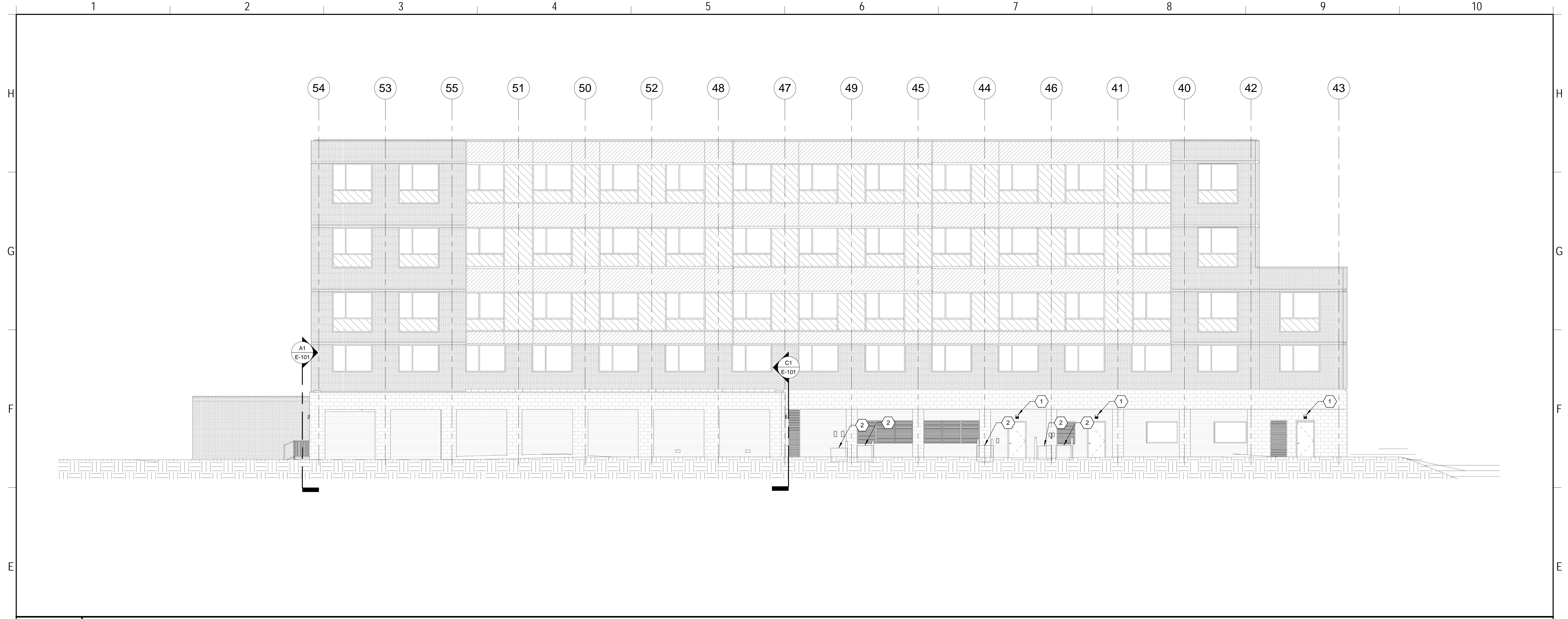
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 ELECTRICAL ELEVATIONS

DRAWN BY: GMC
 PROJECT NO: 16082
 DATE: 02/17/2017
 REVISED:
 SCALE: As Indicated

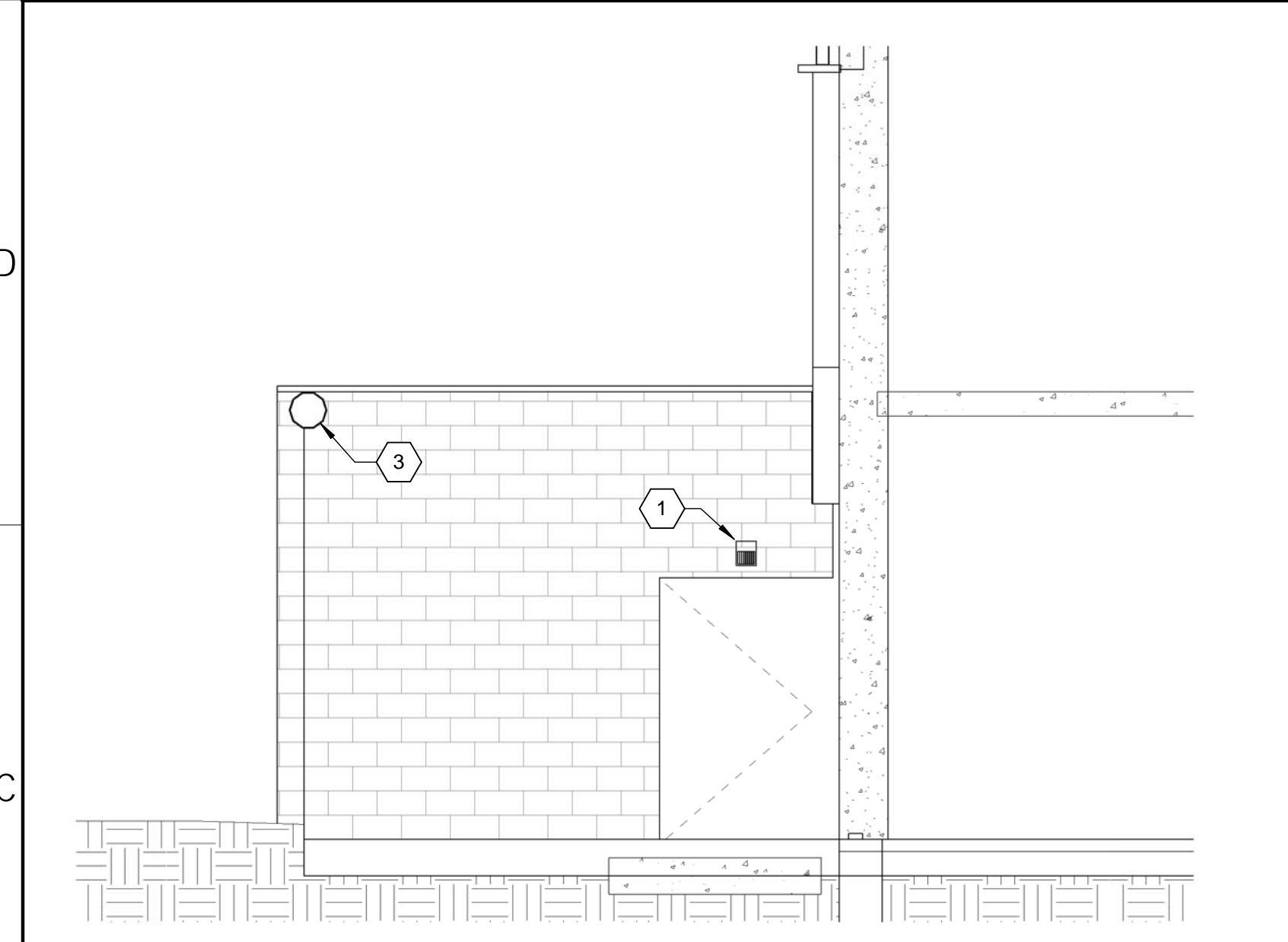
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Project Phase
CONSTRUCTION DOCUMENTS - FOR BID ONLY

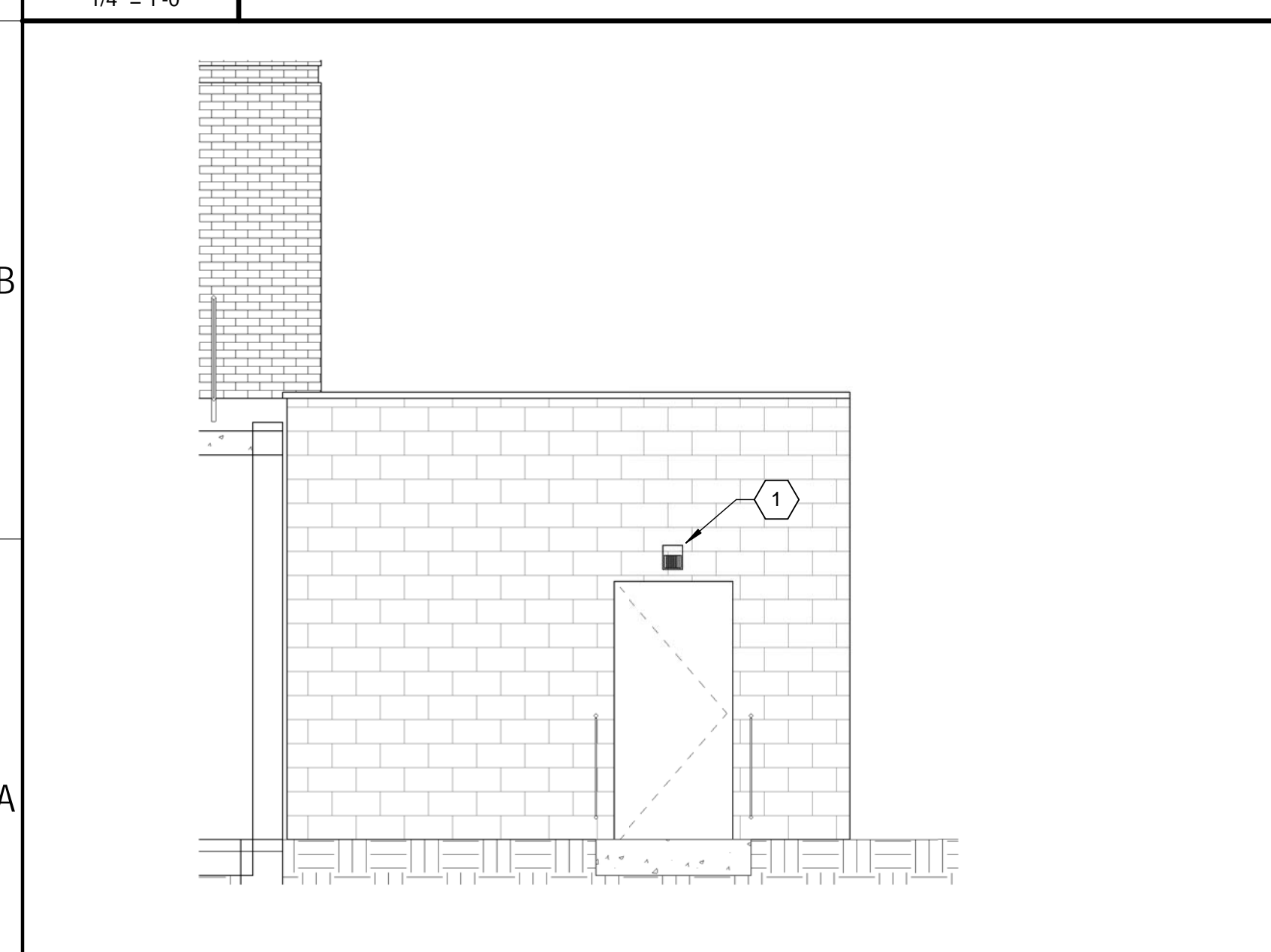
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E1 NORTH ELEVATION
 1/8" = 1'-0"



C1 ELEVATION 2
 1/4" = 1'-0"



A1 ELEVATION 1
 1/4" = 1'-0"

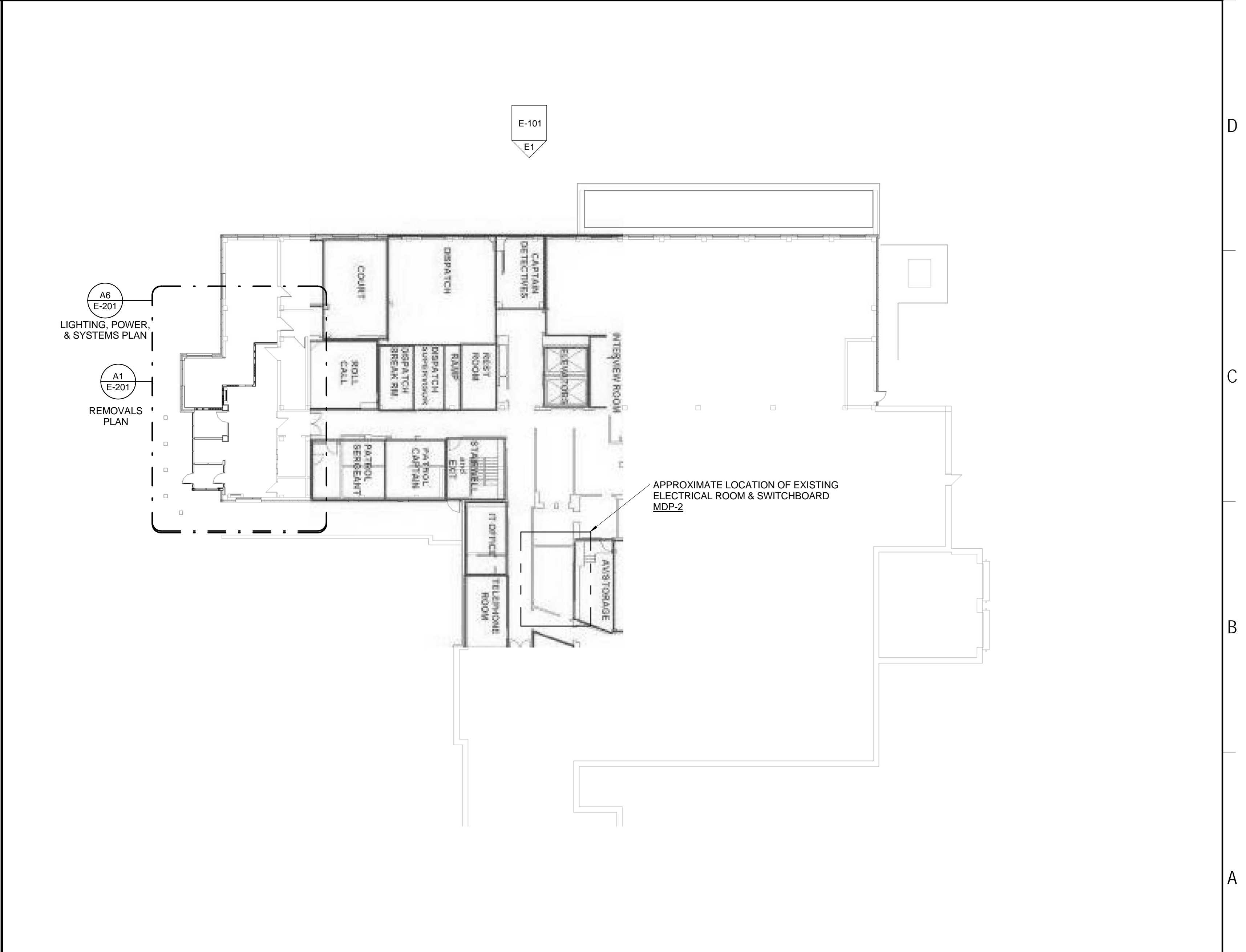
KEYNOTES

1 REMOVE EXISTING LIGHTING FIXTURE. PROVIDE IN ITS PLACE A LUMARK FIXTURE CATALOG NUMBER XTOR1A WITH PHOTOCCELL CONTROL OPTION, OR APPROVED EQUAL.

2 RELOCATE EXISTING WIRING AND DISCONNECTS ASSOCIATED WITH EXISTING CONDENSING UNIT. CONDENSING UNIT SHALL REMAIN OPERATIONAL DURING THE ENTIRE CONSTRUCTION PROCESS. COORDINATE WITH DIVISION 23.

3 REMOVE AND RELOCATE EXISTING SECURITY CAMERA TO FACILITATE FACADE INSTALLATION. CAMERA SHALL REMAIN OPERATIONAL DURING THE ENTIRE CONSTRUCTION PROCESS.

A6 KEYNOTES



A6 KEYPLAN
 1" = 20'-0"

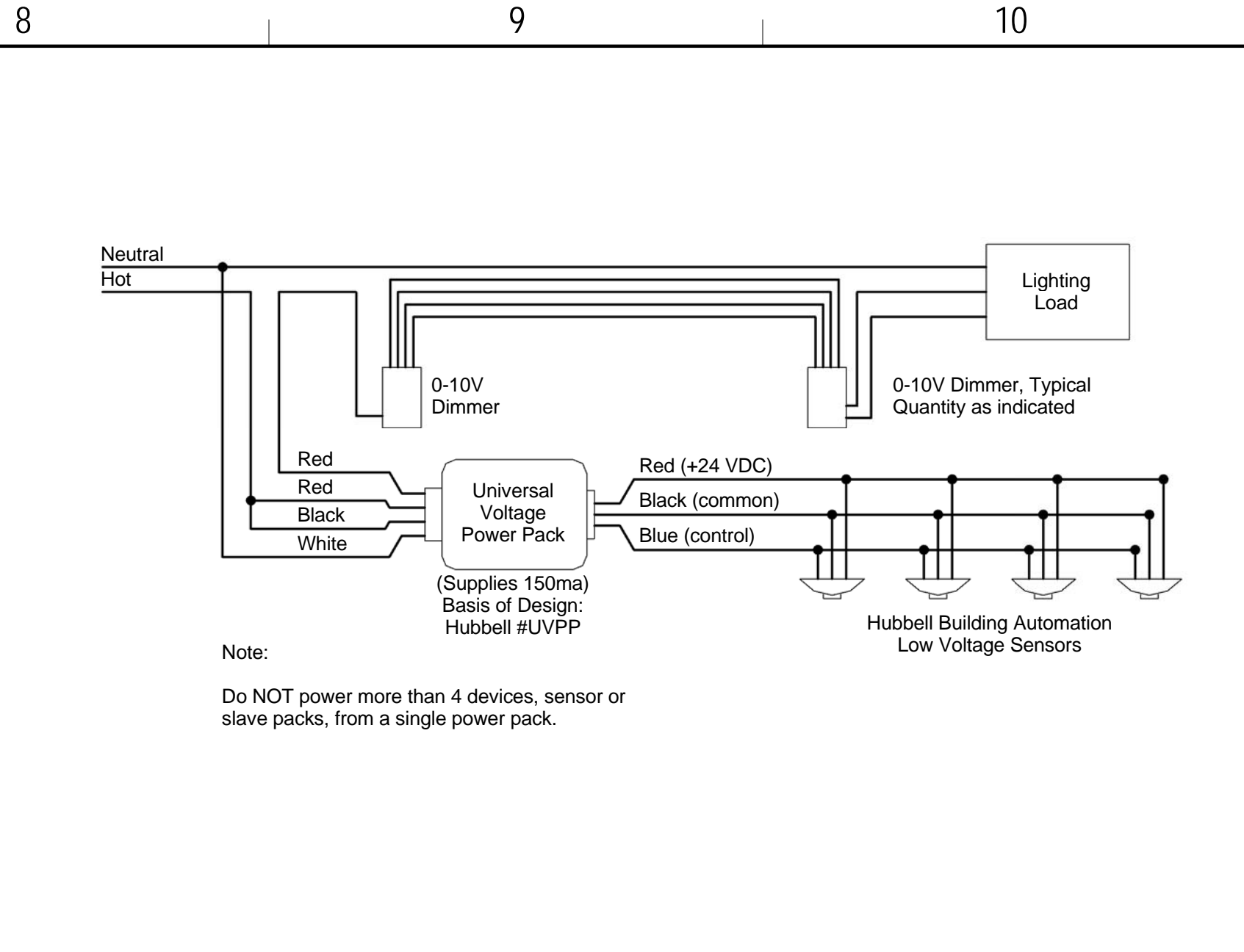
2/24/2017 11:26 AM N:\Projects\2016\16082 - Portsmouth City Hall Facade Replacement\Design Phase\2 DRAWINGS\Rev. 2016\16082_E1.rvt

- ⊕ DUPLEX RECEPTACLE - 20A, 125V, 2P, 3W, NEMA 5-20R - MOUNT WITH CENTERLINE 18" AFF UNO
- WP GFI RECEPTACLE WITH WEATHERPROOF COVER - MOUNT WITH CENTERLINE 24" AFF UNO
- ▽ TEL/DATA OUTLET - FOR EACH TECHNOLOGY OUTLET, PROVIDE A 2-GANG BOX WITH 1-GANG ADAPTER, PROVIDE A 1" CONDUIT WITH PULLSTRING FROM EACH OUTLET BOX TO 6" ABOVE THE NEAREST ACCESSIBLE CEILING THAT IS CONTIGUOUS TO A J-HOOK OR CABLE TRAY PATHWAY.
- ⊙ OCCUPANCY SENSOR, CEILING MOUNTED
- ⊙ PHOTOCELL
- ⊕ KEY OPERATED SWITCH
- ⊕ MOTOR RATED SWITCH
- ⊕ DIMMER SWITCH - COORDINATE DIMMING TECHNOLOGY WITH LOAD TO BE DIMMED
- ⊕ EXIT SIGN, CEILING MOUNTED, SHADING INDICATES FACE(S), ARROWHEAD INDICATES CHEVRON(S) REQUIRED. CONNECT TO EXISTING EMERGENCY LIGHTING BRANCH CIRCUIT SERVING AREA.
- ⊕ FIRE ALARM MANUAL PULL STATION, MOUNT 48" AFF
- 110 ⊕ HORN/STROBE NOTIFICATION APPLIANCE, CANDELA AS NOTED ON PLANS
- 15 ⊕ STROBE ONLY NOTIFICATION APPLIANCE, CANDELA AS NOTED ON PLANS
- ⊕ SMOKE DETECTOR

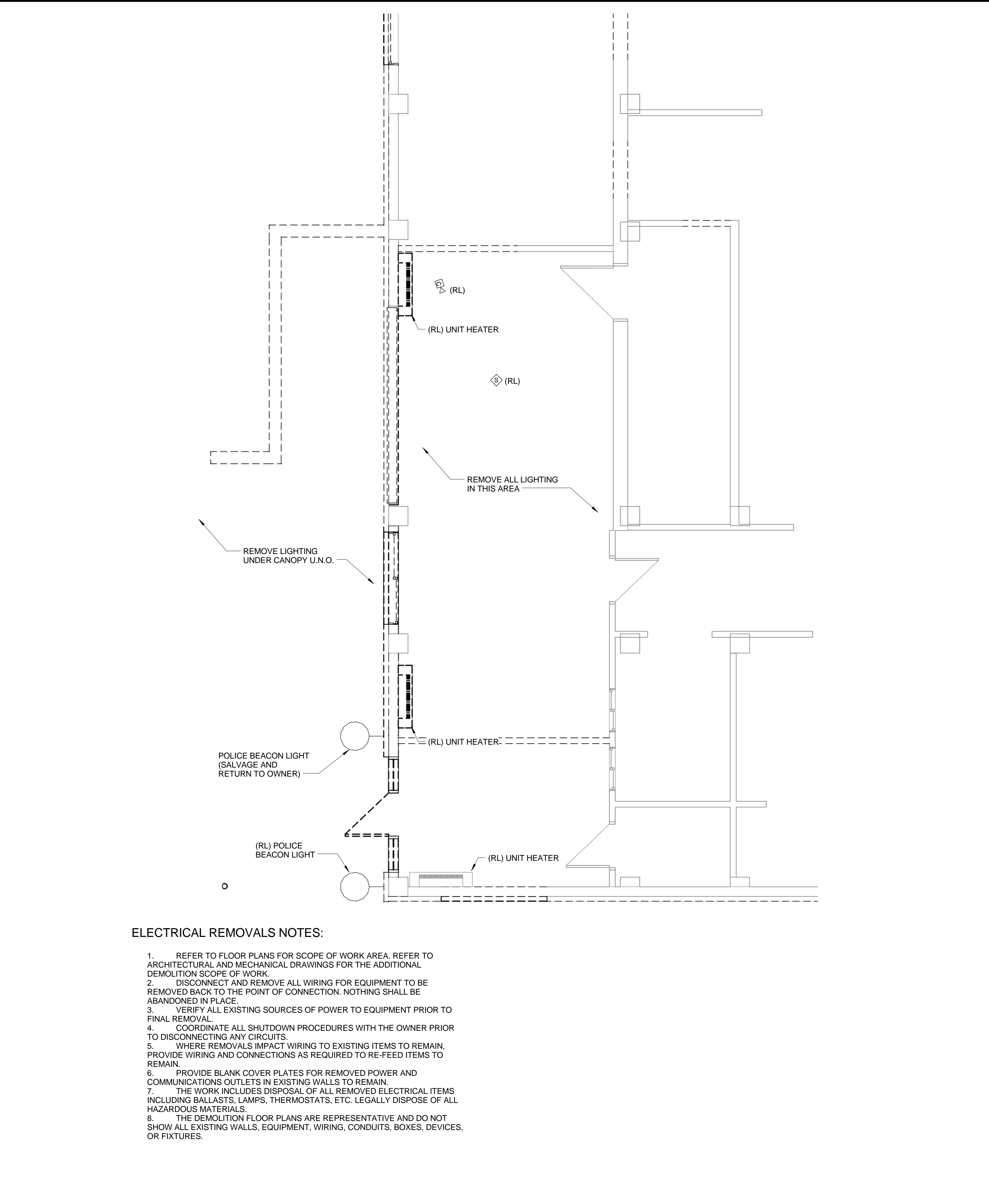
- ⊕ SECURITY CAMERA LOCATION - PROVIDE A 2-GANG BOX WITH 1-GANG ADAPTER, PROVIDE A 1" CONDUIT WITH PULLSTRING FROM EACH OUTLET BOX TO 6" ABOVE THE NEAREST ACCESSIBLE CEILING THAT IS CONTIGUOUS TO A J-HOOK OR CABLE TRAY PATHWAY.
- ⊕ DOOR BUZZER/INTERCOM LOCATION - PROVIDE A 2-GANG BOX WITH 1-GANG ADAPTER, PROVIDE A 1" CONDUIT WITH PULLSTRING FROM EACH OUTLET BOX TO 6" ABOVE THE NEAREST ACCESSIBLE CEILING THAT IS CONTIGUOUS TO A J-HOOK OR CABLE TRAY PATHWAY.
- ⊕ CARD ACCESS LOCATION - PROVIDE A 2-GANG BOX WITH 1-GANG ADAPTER, PROVIDE A 1" CONDUIT WITH PULLSTRING FROM EACH OUTLET BOX TO 6" ABOVE THE NEAREST ACCESSIBLE CEILING THAT IS CONTIGUOUS TO A J-HOOK OR CABLE TRAY PATHWAY.
- ⊕ HATCHED LIGHT FIXTURE OR "EM" INDICATES FIXTURE CONNECTED TO EXISTING EMERGENCY LIGHTING BRANCH CIRCUIT SERVING AREA. VERIFY THAT THE EXISTING CIRCUIT HAS ADEQUATE CAPACITY TO SUPPORT THE ADDITIONAL LOAD. INDOOR EMERGENCY LIGHTING SHALL OPERATE CONTINUOUSLY.

- ABBREVIATIONS:
- (E) EXISTING
 - (RL) REMOVE AND RELOCATE
 - (ER) RELOCATED ITEM AT NEW LOCATION

G1 SYMBOL LEGEND

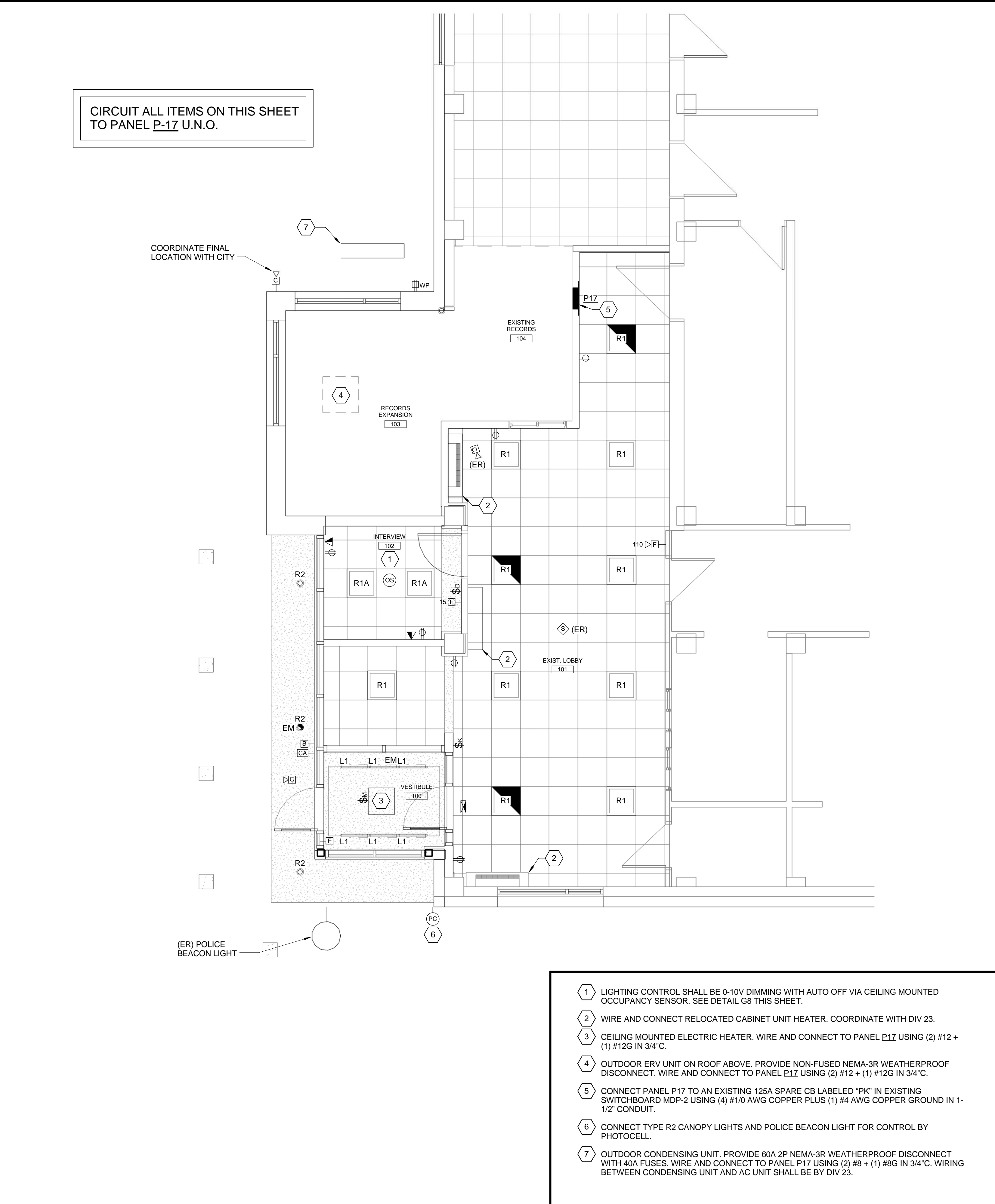


G8 CEILING SENSORS WITH 0-10V DIMMING



- ELECTRICAL REMOVALS NOTES:**
1. REFER TO FLOOR PLANS FOR SCOPE OF WORK AREA. REFER TO ARCHITECTURAL AND MECHANICAL DRAWINGS FOR THE ADDITIONAL DEMOLITION SCOPE OF WORK.
 2. DISCONNECT AND REMOVE ALL WIRING FOR EQUIPMENT TO BE REMOVED BACK TO THE POINT OF CONNECTION. NOTHING SHALL BE ABANDONED IN PLACE.
 3. VERIFY ALL EXISTING SOURCES OF POWER TO EQUIPMENT PRIOR TO FINAL REMOVAL.
 4. COORDINATE ALL SHUTDOWN PROCEDURES WITH THE OWNER PRIOR TO DISCONNECTING ANY CIRCUITS.
 5. WHERE REMOVALS IMPACT WIRING TO EXISTING ITEMS TO REMAIN, PROVIDE WIRING AND CONNECTIONS AS REQUIRED TO RE-FEED ITEMS TO REMAIN.
 6. PROVIDE BLANK COVER PLATES FOR REMOVED POWER AND COMMUNICATIONS OUTLETS IN EXISTING WALLS TO REMAIN.
 7. THE WORK INCLUDES DISPOSAL OF ALL REMOVED ELECTRICAL ITEMS INCLUDING BALLASTS, LAMPS, THERMOSTATS, ETC. LEGALLY DISPOSE OF ALL HAZARDOUS MATERIALS.
 8. THE DEMOLITION FLOOR PLANS ARE REPRESENTATIVE AND DO NOT SHOW ALL EXISTING WALLS, EQUIPMENT, WIRING, CONDUITS, BOXES, DEVICES, OR FIXTURES.

A1 POLICE DEPARTMENT LOBBY- ELECTRICAL REMOVALS PLAN



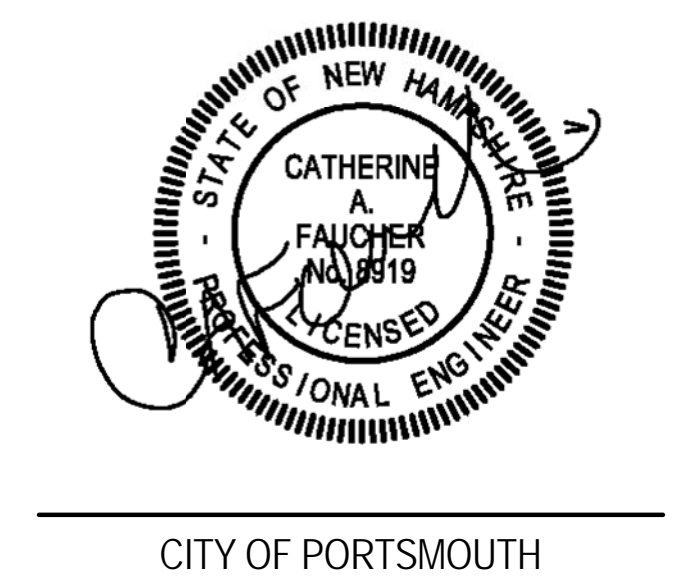
A6 POLICE DEPARTMENT LOBBY- LIGHTING, POWER, AND SYSTEMS PLAN

- KEY NOTES**
1. LIGHTING CONTROL SHALL BE 0-10V DIMMING WITH AUTO OFF VIA CEILING MOUNTED OCCUPANCY SENSOR. SEE DETAIL G8 THIS SHEET.
 2. WIRE AND CONNECT RELOCATED CABINET UNIT HEATER. COORDINATE WITH DIV 23.
 3. CEILING MOUNTED ELECTRIC HEATER. WIRE AND CONNECT TO PANEL P17 USING (2) #12G IN 3/4" C.
 4. OUTDOOR ERV UNIT ON ROOF ABOVE. PROVIDE NON-FUSED NEMA-3R WEATHERPROOF DISCONNECT. WIRE AND CONNECT TO PANEL P17 USING (2) #12G IN 3/4" C.
 5. CONNECT PANEL P17 TO AN EXISTING 125A SPARE CB LABELED "PK" IN EXISTING SWITCHBOARD MDP-2 USING (4) #1/0 AWG COPPER PLUS (1) #4 AWG COPPER GROUND IN 1-1/2" CONDUIT.
 6. CONNECT TYPE R2 CANOPY LIGHTS AND POLICE BEACON LIGHT FOR CONTROL BY PHOTOCELL.
 7. OUTDOOR CONDENSING UNIT. PROVIDE 60A 2P NEMA-3R WEATHERPROOF DISCONNECT WITH 40A FUSES. WIRE AND CONNECT TO PANEL P17 USING (2) #8 + (1) #6G IN 3/4" C. WIRING BETWEEN CONDENSING UNIT AND AC UNIT SHALL BE BY DIV 23.

A8 KEY NOTES

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CITY OF PORTSMOUTH

FACADE REPLACEMENT & ADDITION - PORTSMOUTH CITY HALL

1 Junkins Avenue
 Portsmouth, NH 03801

NO.	DESCRIPTION	DATE

CONTENT:
 ENLARGED PD ENTRANCE ELECTRICAL REMOVALS, LIGHTING, POWER, AND SYSTEMS PLANS

DRAWN BY: GMC

PROJECT NO: 16082

DATE: 02/17/2017

REVISED:

SCALE: As Indicated

E-201

Project Phase
CONSTRUCTION DOCUMENTS - FOR BID ONLY

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