

# ORANGE COUNTY GOVERNMENT DIVISION OF BUILDING SAFETY RENOVATION PHASE 1

201 SOUTH ROSALIND AVENUE, ORLANDO, FL 32801

## BID DOCUMENTS

September 22, 2017

## ORANGE COUNTY GOVERNMENT CAPITAL PROJECTS DIVISION

400 East South Street, Suite 500  
Orlando, FL 32801

### BOARD OF COUNTY COMMISSIONERS

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DISTRICT 2 COMMISSIONER - BRYAN NELSON

DISTRICT 3 COMMISSIONER - PETE CLARKE

DISTRICT 4 COMMISSIONER - JENNIFER THOMPSON

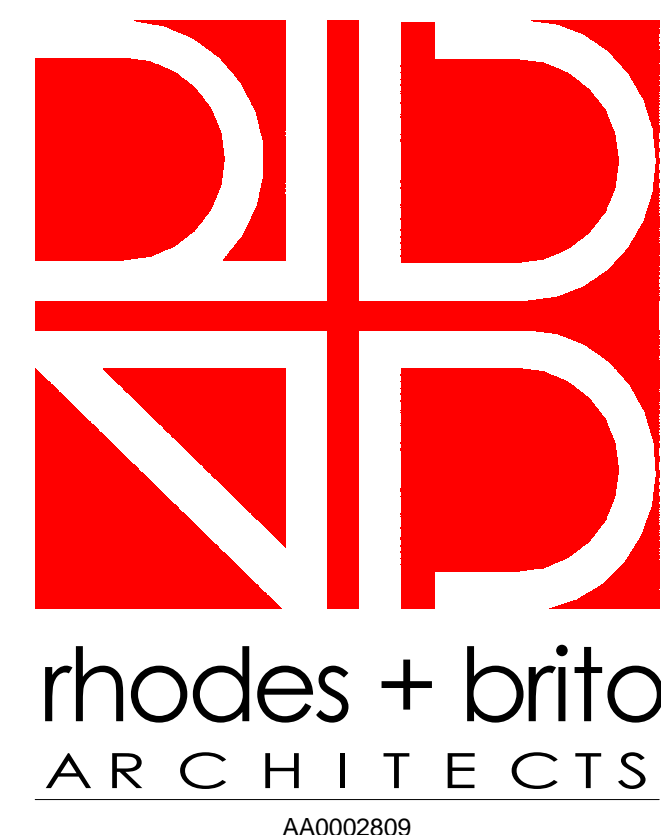
DISTRICT 5 COMMISSIONER - EMILY BONILLA

DISTRICT 6 COMMISSIONER - VICTORIA P. SIPLIN

### PROJECT SCOPE

The proposed project scope includes the offices renovation of the first floor for the Orange County Division of Building Safety Offices at the Orange County Administration Building. The renovation will be divided into two projects, Phase 1( these drawings) and Phase 2( near future project). The Phase 1 project includes the demolition of the existing Kitchen and Dining area renovated into Offices, Conference Room and Multi-Purpose Room. The mechanical, plumbing, electrical and technology will be updated according to room modification and required to accommodate the new work and new ceiling. No other exterior work shall be required for this project.

### VICINITY MAP

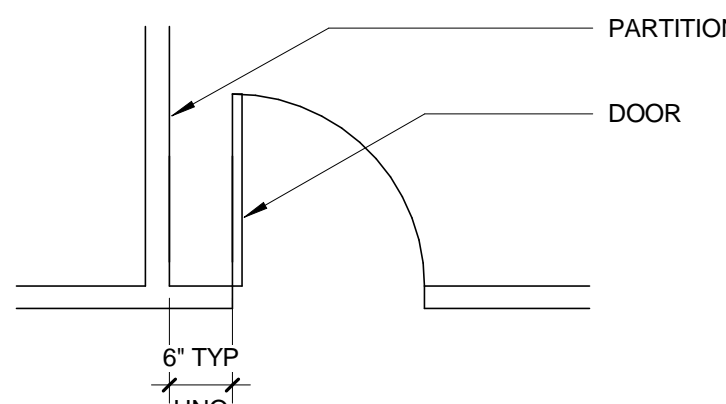

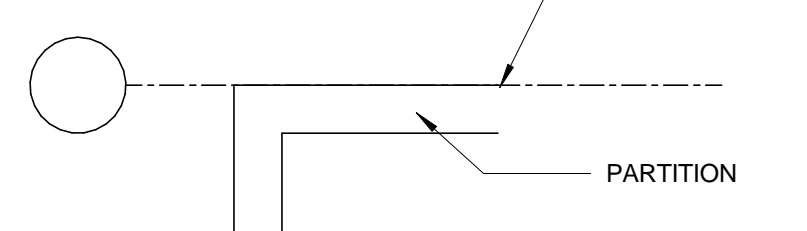
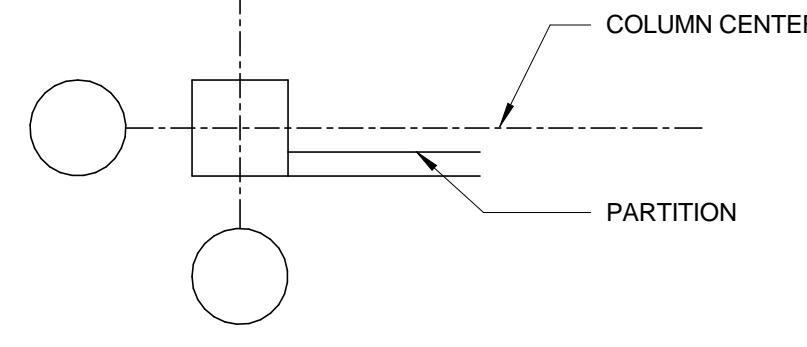
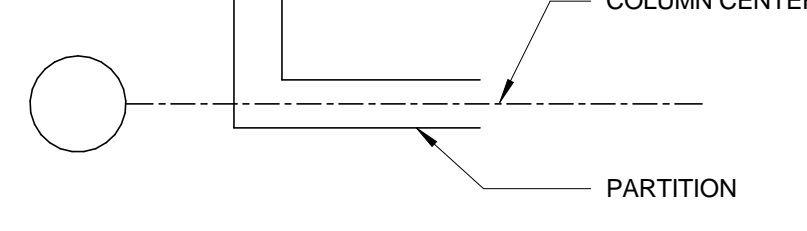


### PROJECT DESIGN TEAM

DATE | SUBMISSION / REVISION | NO.

<b>ARCHITECTURE</b>	<b>FIRE PROTECTION</b>	<b>PLUMBING</b>	<b>MECHANICAL</b>	<b>ELECTRICAL</b>
RHODES+BRITO ARCHITECTS, INC 605 E. ROBINSON ST., SUITE 750 ORLANDO, FL 32801 PH: (407) 648-7288 CONTACT: MAXIMIANO BRITO	C&S COMPANIES 605 E ROBINSON ST., STE 210 ORLANDO, FL 32801 PH: (407) 422.1118 CONTACT: MATTHEW MCQUINN	C&S COMPANIES 605 E ROBINSON ST., STE 210 ORLANDO, FL 32801 PH: (407) 422.1118 CONTACT: MATTHEW MCQUINN	C&S COMPANIES 605 E ROBINSON ST., STE 210 ORLANDO, FL 32801 PH: (407) 422.1118 CONTACT: MATTHEW MCQUINN	C&S COMPANIES 605 E ROBINSON ST., STE 210 ORLANDO, FL 32801 PH: (407) 422.1118 CONTACT: ALVIN JAMES

**DIMENSIONING**

- WHEN A ROOM/BUILDING/OBJECT CENTERLINE IS INDICATED, ONLY ONE SIDE OF ELEMENT MAY BE DIMENSIONED
- DOOR LOCATION  
DOORS ARE LOCATED BY ONE OF THE FOLLOWING:  
A. ONE JAMB FACE LOCATED BY A PARTITION AT RIGHT ANGLE.  
  
B. AS DIMENSIONED  

- PARTITION FINISH FACE ON COLUMN OR GRID LINE WILL NOT BE DIMENSIONED ON SMALL SCALE PLANS BUT WILL BE DRAWN ACCORDINGLY ON LARGER SCALE DRAWINGS.  

- PARTITIONS WITH FINISH FACE FLUSH WITH FINISH FACE OF COLUMN WILL NOT BE DRAWN ON SMALL SCALE PLANS BUT WILL BE DRAWN ACCORDINGLY ON LARGER SCALE DRAWINGS.  

- PARTITIONS CENTERED ON COLUMNS OR GRID LINES WILL NOT BE DIMENSIONED ON SMALL SCALE PLANS BUT WILL BE DRAWN ACCORDINGLY ON LARGER SCALE DRAWINGS.  

- PARTITIONS ARE DIMENSIONED TO FACE OF STUDS, FACE OF CMU AND FACE OF BLOCK UNLESS INDICATED OTHERWISE
- DIMENSIONS ARE INDICATED ON DRAWINGS, DO NOT SCALE DRAWINGS

**DRAWING SYMBOL LEGEND**

**DRAWING SHEET NUMBERS**

DISCIPLINE: C - Civil, S - Structural, A - Architectural, M - HVAC, P - Plumbing, E - Electrical, L - Landscape

CATEGORY: A711A

SUBCATEGORY: A711

SHEET NUMBER: 100

ITEM: A711A

**ROOM SPACE IDENTIFICATION NOTATION**

ROOM NAME: OFFICE

ROOM NUMBER: 135

BUILDING AREA: 123

ELEVATION REFERENCE: 100'-0" FIN FLOOR

TARGET ELEVATION: TARGET DESCRIPTION

**SECTION ORIENTATION**

SECTION ORIENTATION: SECTION NUMBER

SECTION ORIENTATION: SECTION NUMBER

**INTERIOR ELEVATION REFERENCE**

INTERIOR ELEVATION REFERENCE: ELEVATION ORIENTATION, ELEVATION NUMBER

INTERIOR ELEVATION REFERENCE: ELEVATION ORIENTATION, ELEVATION NUMBER

**PROJECT NORTH ARROW**

TRUE NORTH ARROW

**SPOT ELEVATION REFERENCE**

SPOT ELEVATION REFERENCE: TARGET ELEVATION

**ACCESSORY IDENTIFICATION**

ACCESSORY IDENTIFICATION: ACCESSORY TYPE (REFER TO ACCESSORY SCHEDULE)

**DOOR NUMBER**

DOOR NUMBER: DOOR NUMBER (REFER TO DOOR SCHEDULE)

**KEYNOTE REFERENCE**

KEYNOTE REFERENCE: REFERENCE NUMBER

**WINDOW TYPE**

WINDOW TYPE: WINDOW DESIGNATION (REFER TO WINDOW SCHEDULE)

**PARTITION TYPE IDENTIFICATION**

PARTITION TYPE IDENTIFICATION: PARTITION TYPE (REFER TO PARTITION TYPE DETAILS)

**REVISION IDENTIFICATION**

REVISION IDENTIFICATION: REVISION NUMBER (REFER TO TITLE BLOCK)

**REVISION SYMBOLS**

REVISION SYMBOLS: REVISION NUMBER, REVISION AREA

**DETAIL REFERENCE**

DETAIL REFERENCE: DETAIL NUMBER, DRAWING ON WHICH DETAIL OCCURS

**COLUMN IDENTIFICATION**

COLUMN IDENTIFICATION: EXISTING COLUMN IDENTIFICATION, COLUMN IDENTIFICATION, COLUMN CENTERLINE

**MULTIPLE INTERIOR ELEVATION REFERENCE**

MULTIPLE INTERIOR ELEVATION REFERENCE: ELEVATION ORIENTATION ON PLANS, MULTIPLE ELEVATION NUMBER, DRAWING ON WHICH ELEVATION OCCURS

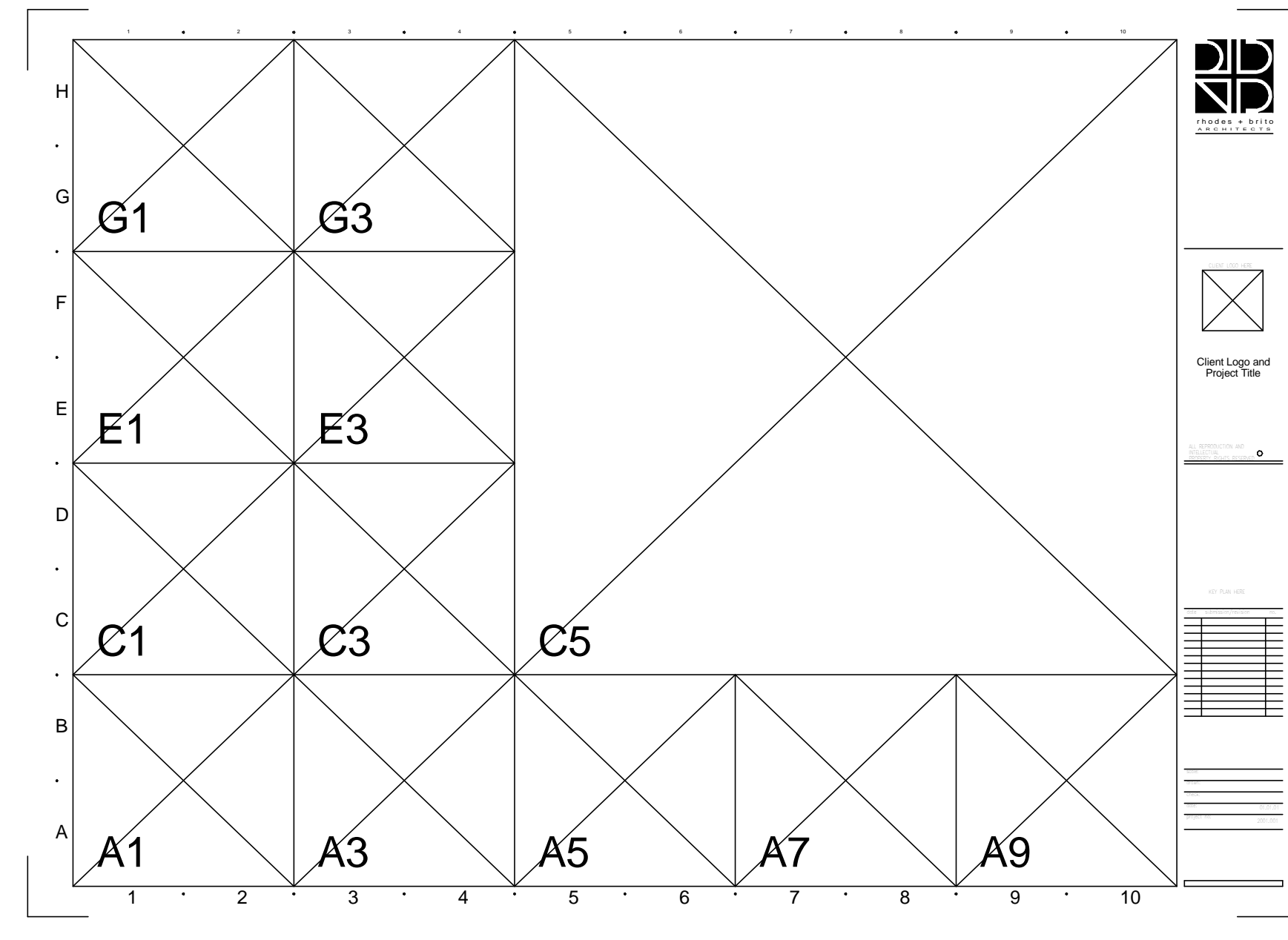
**GRAPHIC SCALE**

GRAPHIC SCALE: INDICATES FEET

**MATERIALS LEGEND**

	EARTH		DISCONTINUOUS ROUGH LUMBER / BLOCKING SHIM
	CONCRETE		CONTINUOUS ROUGH LUMBER
	FINISH LUMBER		CONCRETE MASONRY UNITS
	PLYWOOD		RIGID INSULATION
	STEEL		GYPSUM BOARD / GROUT FILL
	BATT INSULATION		POROUS FILL

**DRAWING FORMAT**



EACH SHEET IS DIVIDED INTO A GRID. AN ALPHA-NUMERIC GRID COORDINATE SYSTEM IS USED TO ORGANIZE THE DRAWING TITLES. DRAWING TITLES ARE NUMBERED ACCORDING TO ITS LOCATION ON THE GRID. THE LOWER LEFT HAND CORNER GRID OF THE DRAWING IS USED AS THE IDENTIFICATION NUMBER. (SEE DIAGRAM).

**LIST OF ABBREVIATIONS**

AB ANCHOR BOLT	CAB CABINET	DBL DOUBLE	LAB LABORATORY	N NA	OT QUARTY TILE	S SOUTH	TPD TOILET PAPER DISPENSER
ABV ABOVE	CAT CATEGORY	DEMO DEMOLITION	LAM LAMINATE	NOT NOT APPLICABLE	QTR QUARTER	SC SOLID CORE	TRP TRIP
AC AC	CBS CAST BASIN	DEP DERESSED	LAV LAVATORY	NATIONAL GEOMETRIC	RA RADIUS	SCH SCHEDULE	TR TRANSOM
ACC ACCESS	CC CENTER TO CENTER	DEPT DEPARTMENT	LB LAG BOLT	VERTICAL DATUM	RAD RADIUS	SD STORM DRAIN	TV TELEVISION
ACPL ACoustical PLASTER	CFC CUBIC FOOT	DRINKING FOUNTAIN	LBL LABEL	NOT IN CONTRACT	RAO RETURN AIR	SECR SECRETARY	TYP TYPICAL
ACT ACT	CG CORNER GUARD	DH DOUBLE HUNG	LF LINEAR FOOT	NC NO	RAU RETURN AIR	SECT SECTION	
AD AD	CHAM CHAMFER	DM DIMENSION	LH LEFT HAND	NOM NOMINAL	RB RUBBER BASE	SFC SQUARE FOOT	
ADD ADD	CHT CEILING HEIGHT	DISP DISPENSER	LL LEFT HAND LIVE LOAD	NTS NOT TO SCALE	RCP REFLECTED CEILING PLAN	SG SHEET GLASS	
ADD ADD	CI CAST IRON	DR DR	LS LUMP SUM	OC ON CENTER	RD ROOF DRAIN	SH SHELVING	
ADH ADHESIVE	CL CAST IN PLACE	DL DEAD LOAD	LV LIVE LOAD	OD OUTSIDE DIAMETER	RECEP RECEPTIONIST	SHI SHEATHING	
ADJ ADJUSTABLE	CR CONTROL JOINT	DN DOWN	LVL LAMINATED VENEER LUMBER	OH OVERHEAD	REF REFERENCE	SIM SIMILAR	
AE ARCHITECT/ENGINEER	CK CAULK	DP DRAIN BOARD	LVR LOUVER	OH OPPOSITE HAND	REG REGISTER	SJ STEEL JOIST	
AFF ABOVE FINISHED FLOOR	CLC CLOSURE	DR DRAIN BOARD		OPPH OWNER PROVIDED	REIN REINFORCE(ING)	SL SL	
AH AUTHORITY HAVING JURISDICTION	CLOSURE	DRB DRAIN BOARD		OPPI OWNER PROVIDED	REIN REINFORCE(ING)	SLR SCALER	
AHU AIR HANDLING UNIT	CNTR CENTER	DS DOWN SPOUT		OPPI OWNER PROVIDED	REIN REINFORCE(ING)	SS STAINLESS STEEL	
ALT ALTERNATE	CNTN CENTER	DWG DRAWING		OPPI OWNER PROVIDED	REIN REINFORCE(ING)	STA STATION	
ALUM ALUMINUM	CNTN CENTER	DWR DRAWER		OPPI OWNER PROVIDED	REIN REINFORCE(ING)	STD STANDARD	
AND AND	CNTN CENTER	DWR DRAWER		OPPI OWNER PROVIDED	REIN REINFORCE(ING)	STR STRUCTURAL	
AP ACCESS PANEL	CNTN CENTER	DWR DRAWER		OPPI OWNER PROVIDED	REIN REINFORCE(ING)	STR STRUCTURAL	
APR APPROXIMATE	CNTN CENTER	DWR DRAWER		OPPI OWNER PROVIDED	REIN REINFORCE(ING)	STR STRUCTURAL	
ARCH ARCHITECTURAL	CNTN CENTER	DWR DRAWER		OPPI OWNER PROVIDED	REIN REINFORCE(ING)	STR STRUCTURAL	
ASB ASBESTOS	CNTN CENTER	DWR DRAWER		OPPI OWNER PROVIDED	REIN REINFORCE(ING)	STR STRUCTURAL	
ASPH ASPHALT	CNTN CENTER	DWR DRAWER		OPPI OWNER PROVIDED	REIN REINFORCE(ING)	STR STRUCTURAL	
AUTO AUTOMATIC	CNTN CENTER	DWR DRAWER		OPPI OWNER PROVIDED	REIN REINFORCE(ING)	STR STRUCTURAL	
AV AUDIO VISUAL	CNTN CENTER	DWR DRAWER		OPPI OWNER PROVIDED	REIN REINFORCE(ING)	STR STRUCTURAL	
BD BOARD	CP CENTER POINT	EJ EXPANSION JOINT	GA GAUGE	PC PRE CAST	RFL REFLECTED(ING)	STA STATION	W WEST
BEL BETWEEN	CPCI CONTRACTOR PROVIDED	ELEC ELECTRICAL	GALV GALVANIZED	PCC PRE CAST CONCRETE	RH RIGHT HAND	STD STANDARD	WB WITH
BIT BITUMINOUS	CR CONTRACTOR INSTALLED	ELEV ELEVATOR	GB GRAB BAR	PF PERIMETER	RI RAIN LEAK	STR STRUCTURAL	WB WITH
BLDG BUILDING	CRS COURSE(S)	EMER EMERGENCY	GC GENERAL CONTRACTOR	PI PLASTER	ROO ROOF	STR STRUCTURAL	WC WATER CLOSET
BLDG BUILDING	CSS COURSE(S)	ENCL ENCLOSURE	CD CEILING	PI PLASTER	ROW ROUGH OPENING	STR STRUCTURAL	WC WATER CLOSET
BLDG BUILDING	CSMT CEMENT	ENGR ENGINEER	CL CALVANIZED IRON	PI PLASTER	ROW ROUGH OPENING	STR STRUCTURAL	WC WATER CLOSET
BM BENCHMARK	CYD CERAMIC TILE	EQP EQUIPMENT	CL CALVANIZED IRON	PI PLASTER	ROW ROUGH OPENING	STR STRUCTURAL	WC WATER CLOSET
BO BOTTOM OF	CUBIC YARD	EST ESTIMATE	CL CALVANIZED IRON	PI PLASTER	ROW ROUGH OPENING	STR STRUCTURAL	WC WATER CLOSET
BO BOTTOM OF		EX EXISTING	CL CALVANIZED IRON	PI PLASTER	ROW ROUGH OPENING	STR STRUCTURAL	WC WATER CLOSET
BRG BEARING		EXP EXPANSION	CL CALVANIZED IRON	PI PLASTER	ROW ROUGH OPENING	STR STRUCTURAL	WC WATER CLOSET
BRG BEARING PLATE		EXT EXTERIOR	CL CALVANIZED IRON	PI PLASTER	ROW ROUGH OPENING	STR STRUCTURAL	WC WATER CLOSET
BRK BRK			CL CALVANIZED IRON	PI PLASTER	ROW ROUGH OPENING	STR STRUCTURAL	WC WATER CLOSET
BS BOTH SIDES			CL CALVANIZED IRON	PI PLASTER	ROW ROUGH OPENING	STR STRUCTURAL	WC WATER CLOSET
BSL BUILDING SETBACK LINE			CL CALVANIZED IRON	PI PLASTER	ROW ROUGH OPENING	STR STRUCTURAL	WC WATER CLOSET
BSMT BASEMENT			CL CALVANIZED IRON	PI PLASTER	ROW ROUGH OPENING	STR STRUCTURAL	WC WATER CLOSET
BUR BUILT UP ROOFING			CL CALVANIZED IRON	PI PLASTER	ROW ROUGH OPENING	STR STRUCTURAL	WC WATER CLOSET
BVL BEVELED			CL CALVANIZED IRON	PI PLASTER	ROW ROUGH OPENING	STR STRUCTURAL	WC WATER CLOSET
BTB BOTHWAYS			CL CALVANIZED IRON	PI PLASTER	ROW ROUGH OPENING	STR STRUCTURAL	WC WATER CLOSET

**DRAWING INDEX**

**GENERAL**

REV. NO.	SHEET NAME
G000	COVER SHEET
G001	GENERAL INFORMATION
G011	OVERALL EXISTING FLOOR PLAN FIRST LEVEL
G015	PHASING PLAN
G040	PARTITION TYPES
G101	LIFE SAFETY PLAN FIRST LEVEL

Total Sheets: 6

**ARCHITECTURAL**

REV. NO.	SHEET NAME
AD101	DEMOLITION PLAN
AD102	DEMOLITION IMAGES - FLOOR PLAN
AD103	DEMOLITION IMAGES - REFLECTED CEILING PLAN
A101	FLOOR PLAN AND REFLECTED CEILING PLAN
A500	WALL AND CEILING DETAILS
A510	ENLARGED FLOOR PLAN AND ELEVATIONS
A600	FINISH FLOOR PLAN AND EQUIPMENT PLAN
A601	FINISH SCHEDULE AND CASEWORK DETAILS
A710	DOOR AND GLASS WALL SYSTEM - SCHEDULE AND DETAILS

Total Sheets: 9

**FIRE PROTECTION**

REV. NO.	SHEET NAME
FP201	FIRST FLOOR SPRINKLER

Grand total: 1

**PLUMBING**

REV. NO.	SHEET NAME
P201	FIRST FLOOR PLUMBING

Total Sheets: 1

**MECHANICAL**

REV. NO.	SHEET NAME
M100	LEGEND, ABBREVIATIONS AND GENERAL NOTES
M101	PHASE ONE HVAC NEW WORK PLAN
M601	DETAIL SHEET
M601	SCHEDULES
MD101	PHASE ONE HVAC DEMO PLAN

Total Sheets: 5

**ELECTRICAL**

REV. NO.	SHEET NAME
E100	LEGEND, ABBREVIATIONS, AND GENERAL NOTES
E101	PHASE ONE POWER NEW WORK PLAN
ED101	PHASE ONE POWER DEMO PLAN
ED102	PHASE ONE LIGHTING DEMO PLAN
E102	PHASE ONE LIGHTING NEW WORK PLAN
E103	PHASE ONE FIRE ALARM NEW WORK PLAN

Total Sheets: 6



CAPITAL PROJECTS DIVISION

ORANGE COUNTY GOVERNMENT

DIVISION OF BUILDING SAFETY RENOVATION

PHASE 1

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GENERAL INFORMATION

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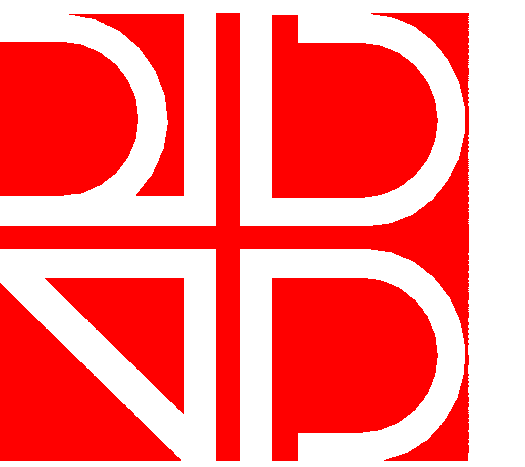
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CHECK BY: MB

DATE: September 22, 2017

PROJECT NUMBER: 15012-0031

G001



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ARCHITECTS

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CAPITAL PROJECTS  
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ORANGE COUNTY  
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DIVISION OF BUILDING  
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OVERALL EXISTING  
FLOOR PLAN FIRST  
LEVEL

SCALE: AS INDICATED

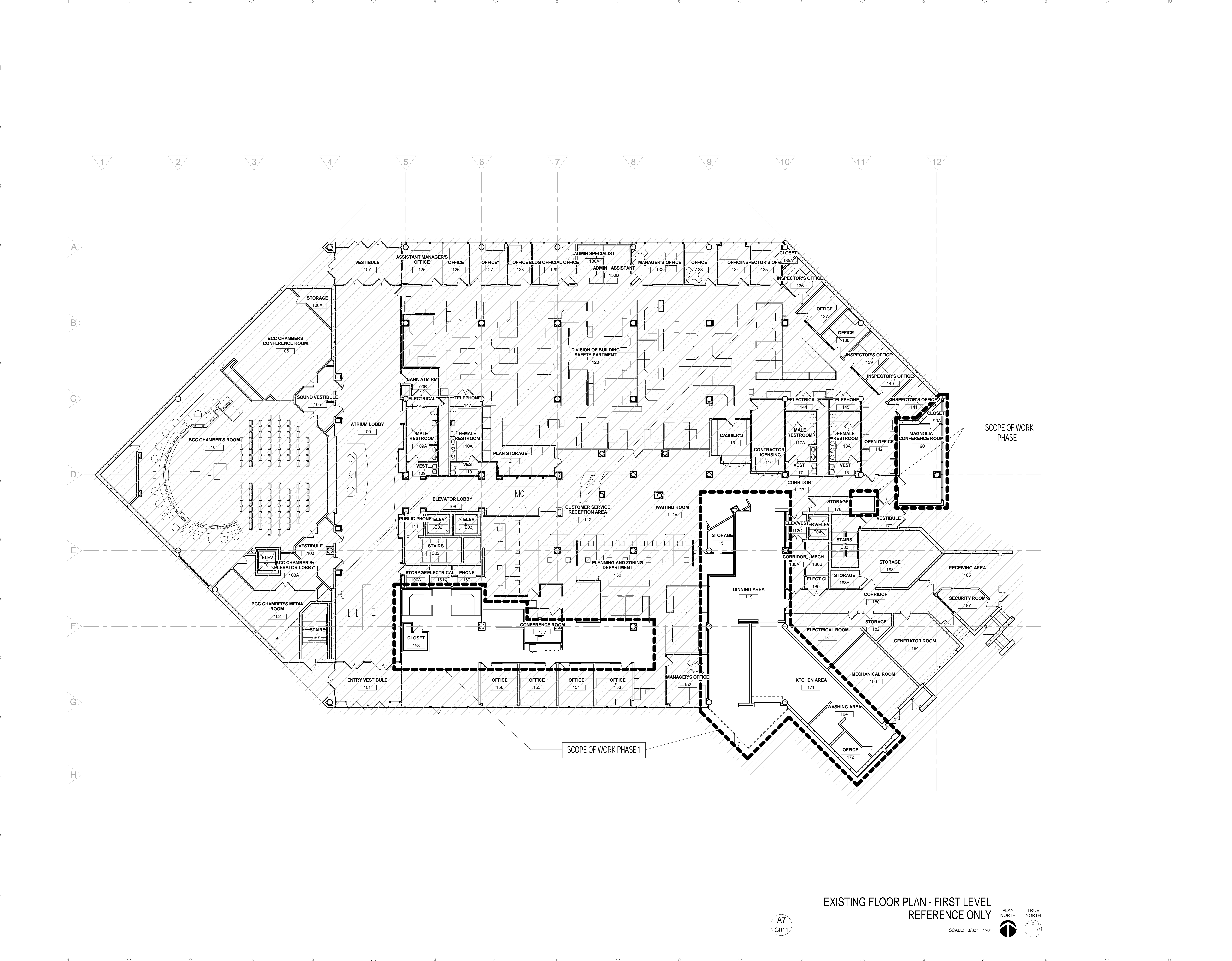
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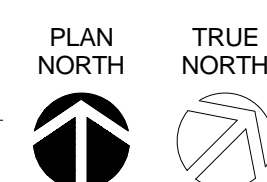
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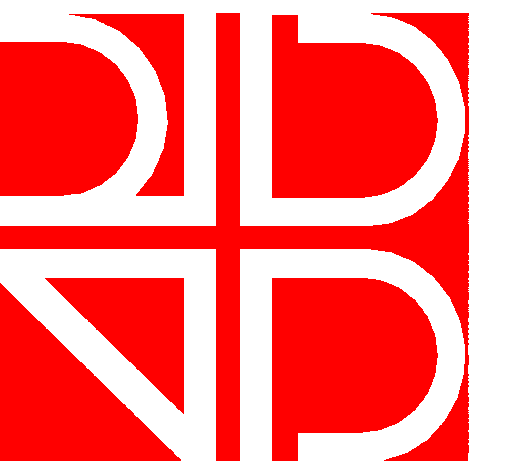


EXISTING FLOOR PLAN - FIRST LEVEL  
REFERENCE ONLY

A7  
G011

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





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PHASING PLAN

SCALE: AS INDICATED

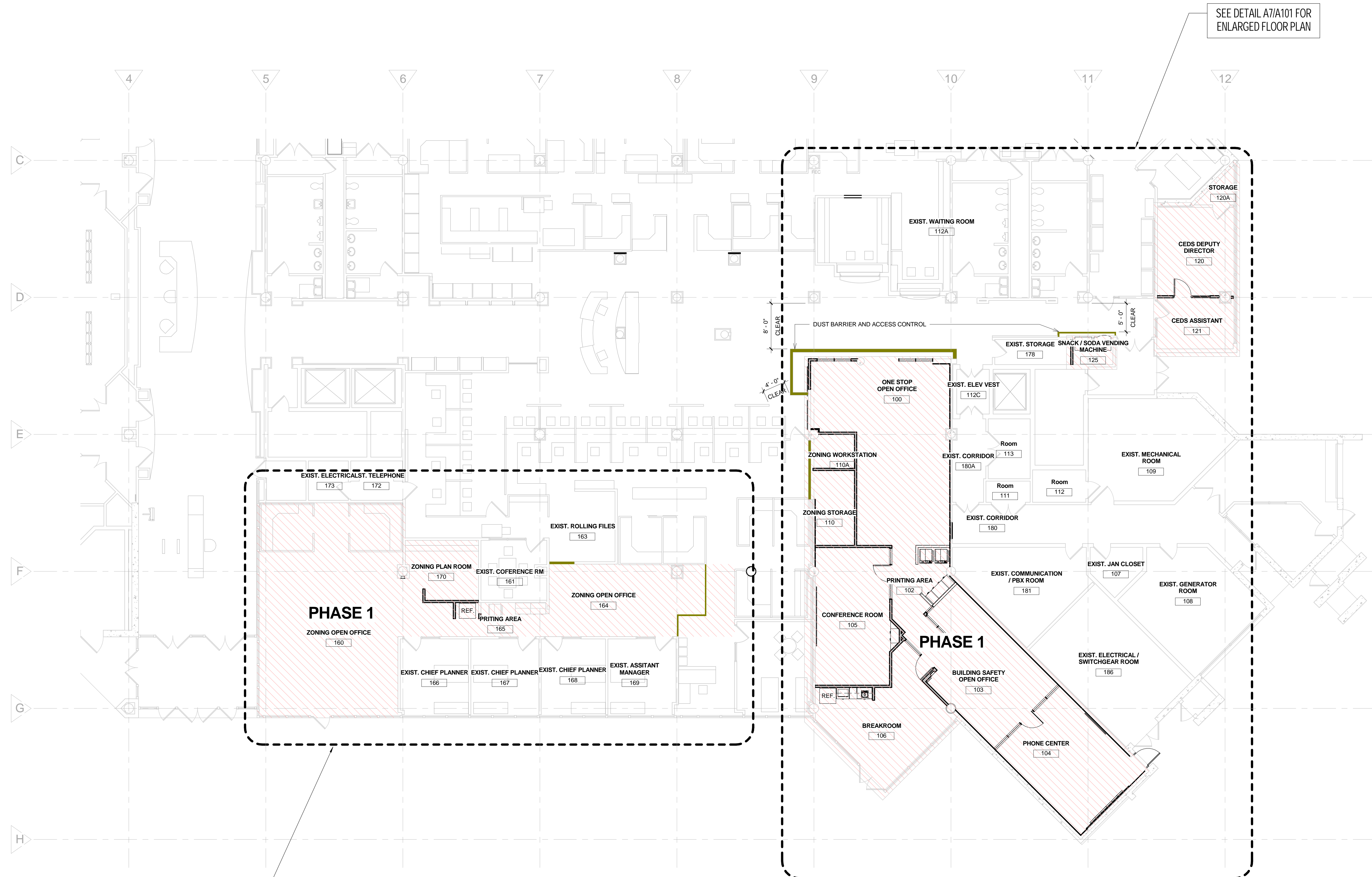
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CHECK BY: AC / MB

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G015



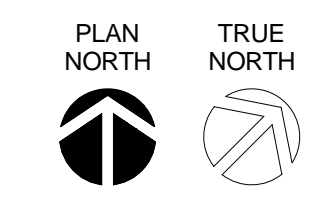
SEE DETAIL A7/A101 FOR  
ENLARGED FLOOR PLAN

SEE DETAIL G7/A101 FOR  
ENLARGED FLOOR PLAN

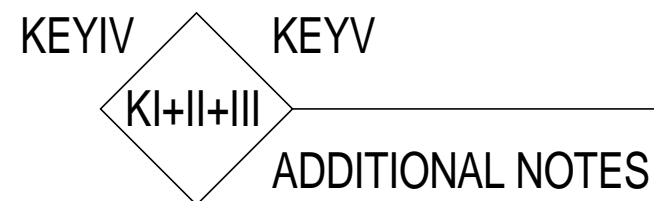
PHASING PLAN-FIRST LEVEL

A7  
G015

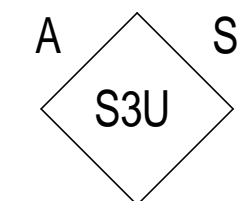
SCALE: 1/8" = 1'-0"



**PARTITION TYPES (KEY I + KEY II + KEY III + KEY IV + KEY V) =**



EXAMPLE WALL TYPE (S3U-A-S) =  
3-5/8" FULL HEIGHT, NOT RATED, INSULATED  
METAL STUD WALL



**KEY I (DIAMOND)  
MATERIAL DESCRIPTION**

- S METAL STUDS
- H SHAFT WALLS
- M MASONRY
- C CONCRETE
- K METAL STUD WALL STACKED OVER MASONRY
- PA PLUMBING CHASE WALL BOTH STUDS TO DECK
- BB PLUMBING CHASE WALL 1 STUD TO DECK
- W WOOD STUDS
- X COMBINATION
- E EXISTING
- \*\* PREFIX TO BE ADDED IN FRONT OF MATERIAL DESCRIPTION
- \* X (COMBINATION) SPECIAL MATERIAL CODES
- 0-19 METAL STUD + CMU
- 20-39 METAL STUD + CONCRETE
- 40-59 WOOD STUD + CMU
- 60-79 WOOD STUD + CONCRETE
- 80-99 CMU + CONCRETE
- 99-99 USER DEFINED

**KEY II (DIAMOND)  
MATERIAL WIDTH**

- FURRING SIZES**
- 0.5 1/2" FURRING OR CHANNELS
  - 0.6 5/8" FURRING OR CHANNELS
  - 0.7 3/4" FURRING OR CHANNELS
  - 0.8 7/8" FURRING OR CHANNELS
- TYPICAL MATERIAL WIDTHS**
- 1 1-5/8" STUDS OR CHANNELS
  - 2 2-1/2" STUDS OR 1-5/8" CMU
  - 3 3-5/8" STUDS
  - 4 4" STUDS OR 3-5/8" CMU
  - 6 6" STUDS OR 5-5/8" CMU
  - 8 8" STUDS OR 7-5/8" CMU
  - 10 9-5/8" CMU
  - 12 11-5/8" CMU
- CONCRETE MATERIAL WIDTHS**
- # DIMENSIONAL THICKNESS OF WALL

**KEY III (DIAMOND)  
WALL MODIFIER**

- B FIRE RATED
- B1 1 HR RATED
- B2 2 HR RATED
- G NOT RATED FURRED WALL
- K SMOKE PARTITION
- KB1 1 HR RATED SMOKE BARRIER
- KB2 2 HR RATED SMOKE BARRIER
- L NOT RATED (WHEN SPECIFIED)
- G USER DEFINED

**KEY IV (FIRST QUAD)  
PRIMARY WALL MODIFIER**

- WALL HEIGHTS**
- A TO UNDERSIDE OF DECK
  - B TO 6" ABOVE CEILING, UNO
  - C TO UNDERSIDE OF CEILING
  - D VARIABLE HEIGHT - REFER TO ELEVATIONS
  - E INFILL EXISTING OPENING
  - F METAL STUD FURRING, TOP OF FURRING 4" ABOVE CEILING
  - H (1)-LAYER OF GYP ON ONE SIDE
  - JZ USER DEFINED (OTHER THAN WHAT IS DEFINED ABOVE)
  - LQ NOT USED

**KEY V (SECOND QUAD)  
SECONDARY WALL MODIFIER**

- S INSULATION (SOUND ATTENUATION W/ STC VALUE WHERE NOTED)
- N RESILIENT CHANNELS (W/ GYP BOARD AND SOUND INSULATION)
- L LEAD LINED GYP BOARD (W/ SOUND INSULATION)
- V VAPOR BARRIER
- M FOAM-IN-PLACE INSULATION
- H SAND FILLED
- I CEMENT TILE BACKER BOARD AT TILE LOCATIONS
- AZ USER DEFINED (OTHER THAN WHAT IS DEFINED ABOVE)
- LQ NOT USED

**ADDITIONAL NOTES**

- 1. E0.6 WALL TYPE - 5/8" GYP BD FURRING ON EXISTING WALL STUDS

**GENERAL PARTITION TYPE NOTE**

- 1 PARTITION FINISH LEVEL: LEVEL 5 FINISH FOR ALL WALLS.
- 2 AT EXISTING WALLS, CONCEAL ALL CONDUITS AND DEVICES ADDED OR REPLACED AT WALLS. REFER TO ELECTRICAL DRAWINGS FOR LOCATIONS.
- 3 THE FOLLOWING STATEMENT: "FIRE PARTITION" ON ALL FIRE WALLS THAT ARE NO LONGER USED AS FIRE WALLS AND SMOKE BARRIERS ARE TO REMAIN.
- 4 SEE INTERIOR ELEVATIONS AND REFLECTED CEILING PLANS FOR HEIGHTS, QUANTITY AND TYPE OF ALL FINISHES LOCATED ON PARTITIONS AND WALLS.
- 5 GYPSUM BOARD TO BE INSTALLED A MINIMUM OF 1/2" ABOVE THE FLOOR SLAB-TYPICAL.



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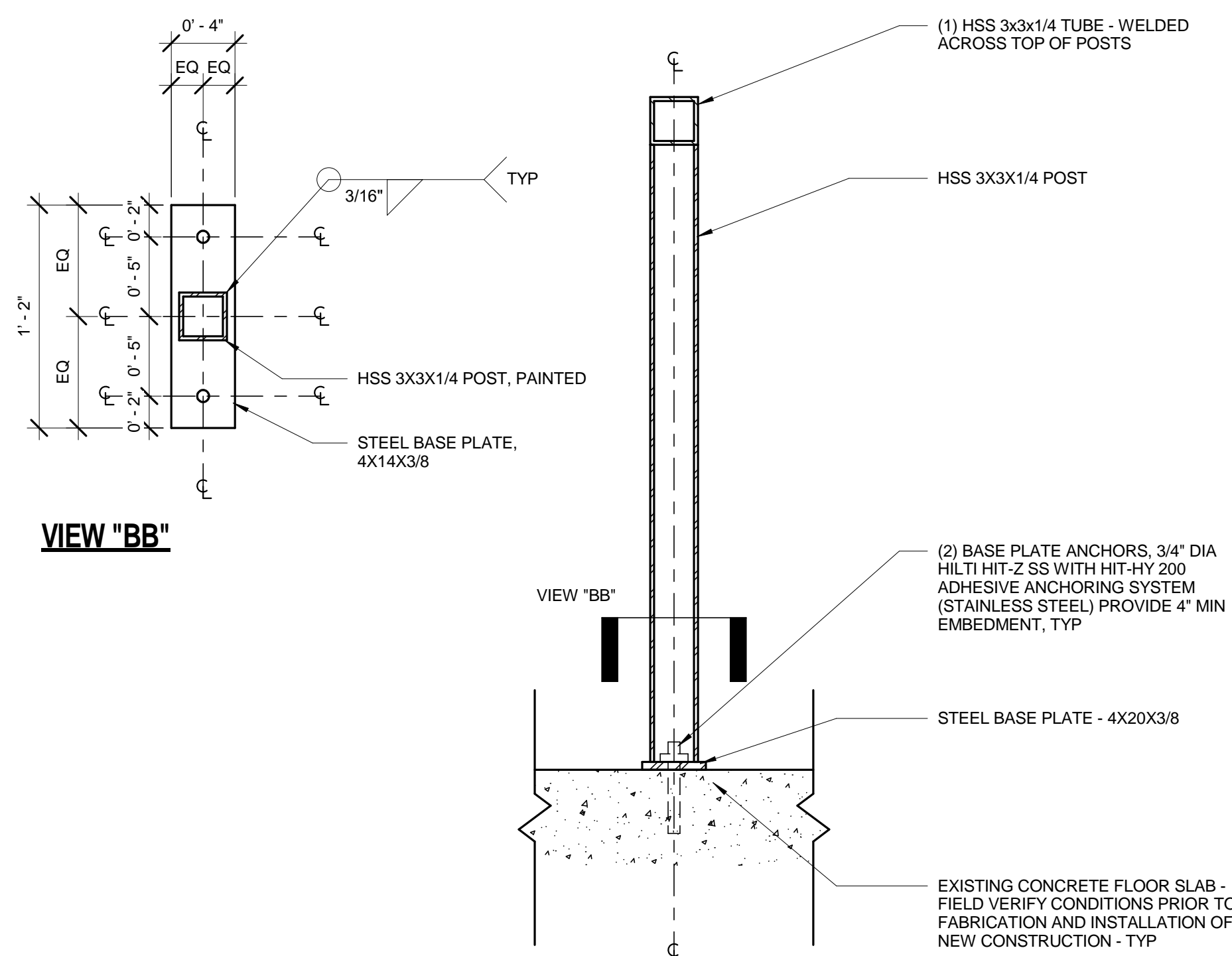
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DATE	SUBMISSION / REVISION	NO.
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**PARTITION TYPES**

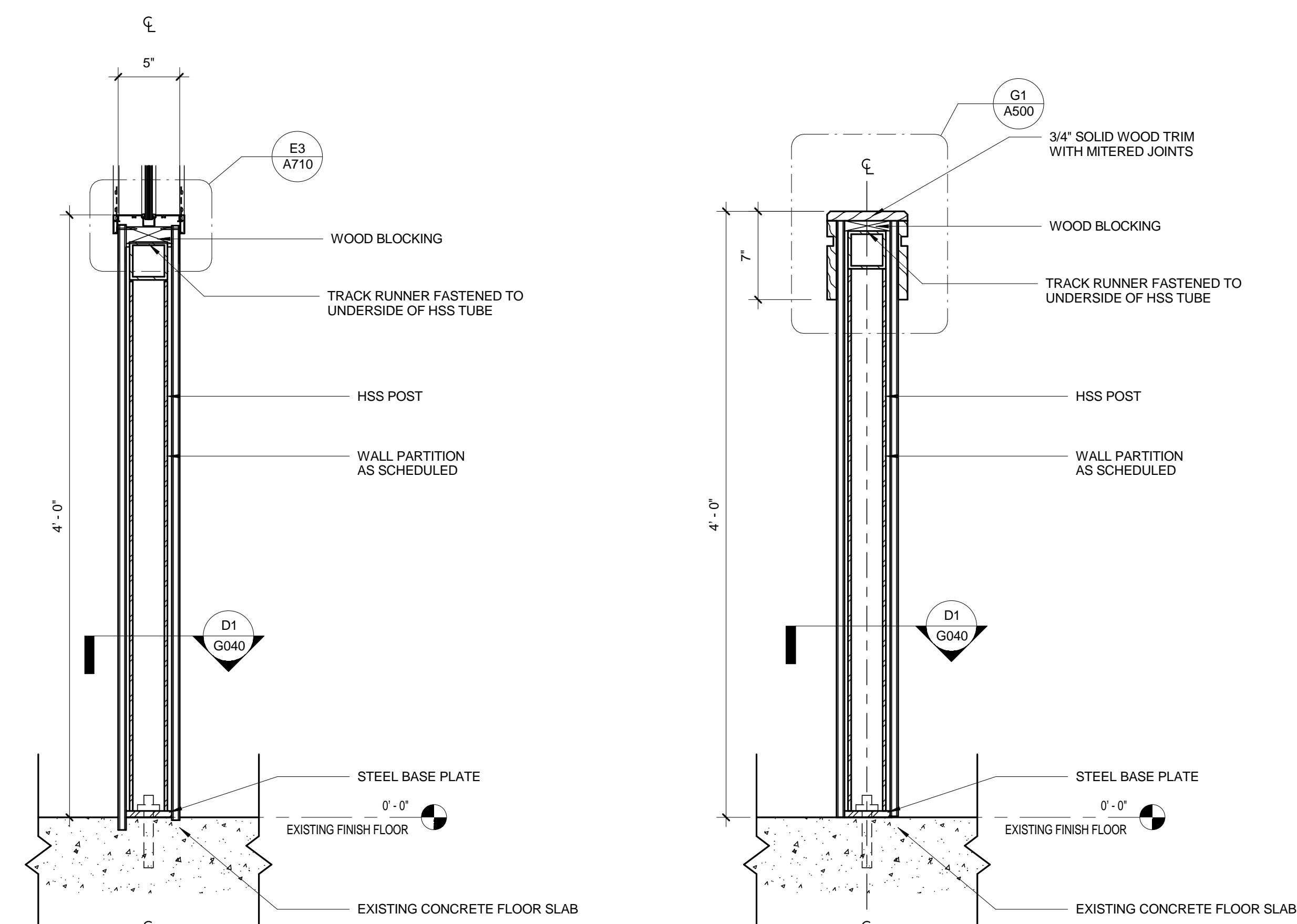
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DRAWN BY: MA / AC  
CHECK BY: AC/MB  
DATE: September 22, 2017  
PROJECT NUMBER: 15012-0031

**G040**



**LOW WALL SUPPORT STRUCTURE**

SCALE: 1 1/2" = 1'-0"

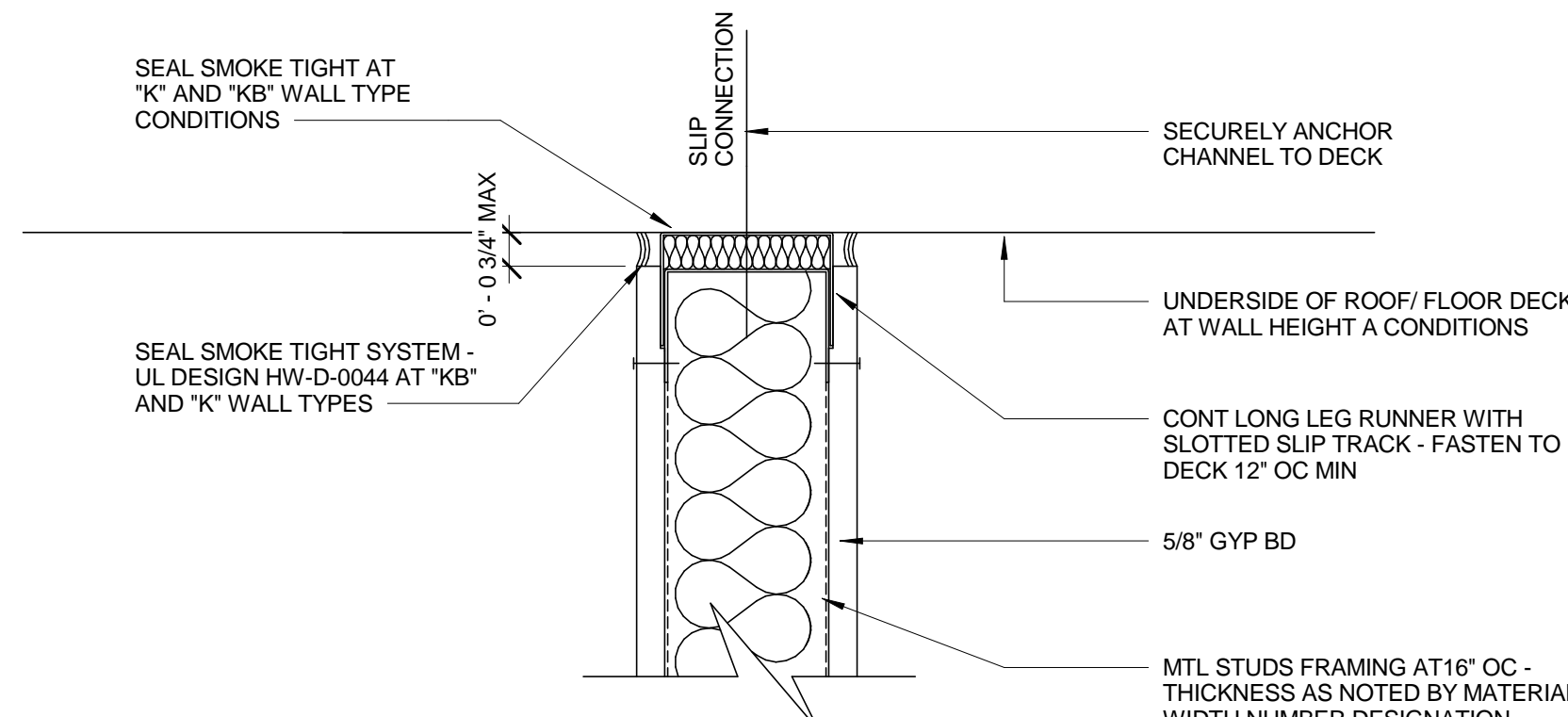


**LOW WALL SECTION**

SCALE: 1 1/2" = 1'-0"

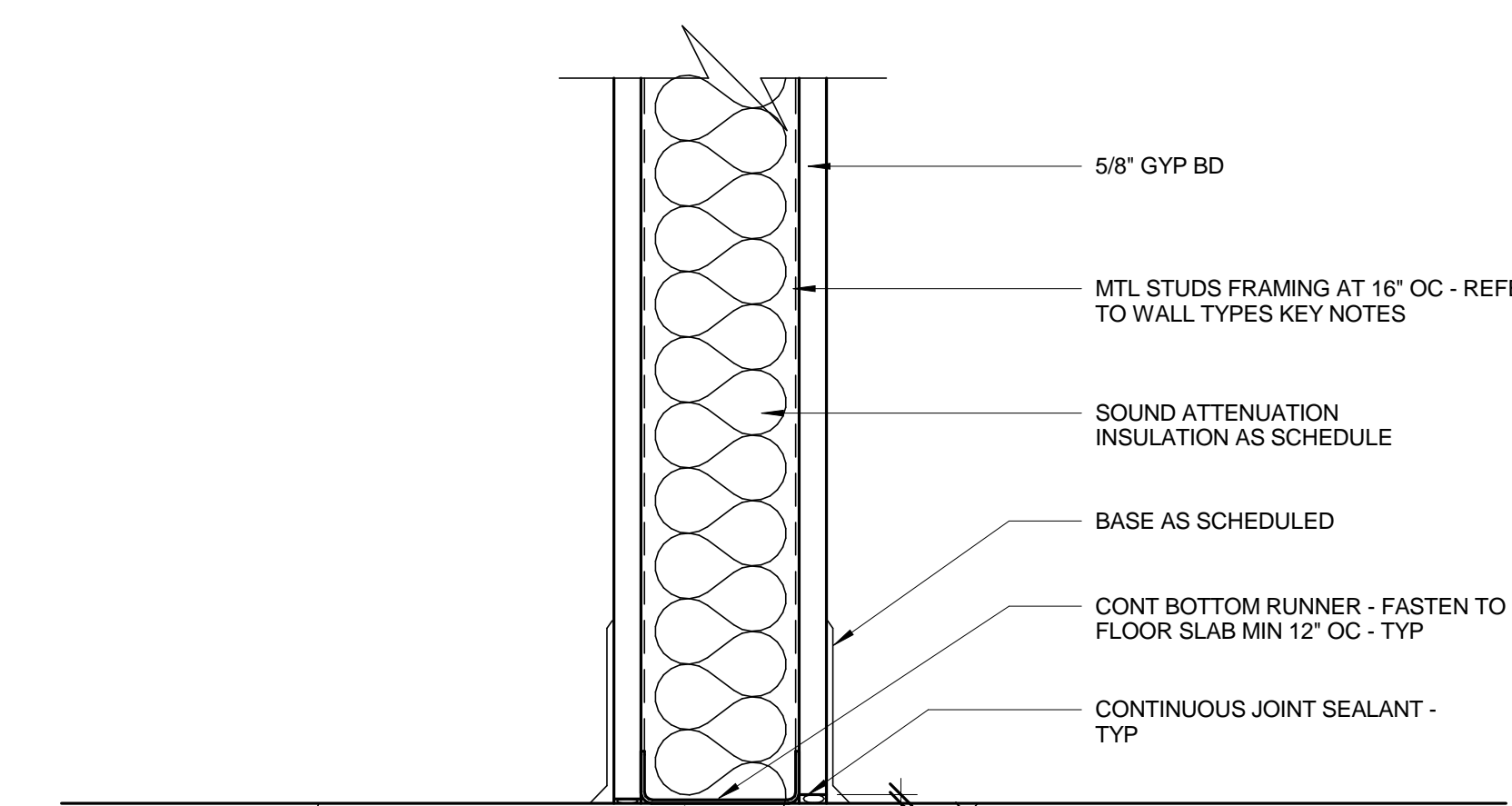
**LOW WALL SECTION**

SCALE: 1 1/2" = 1'-0"



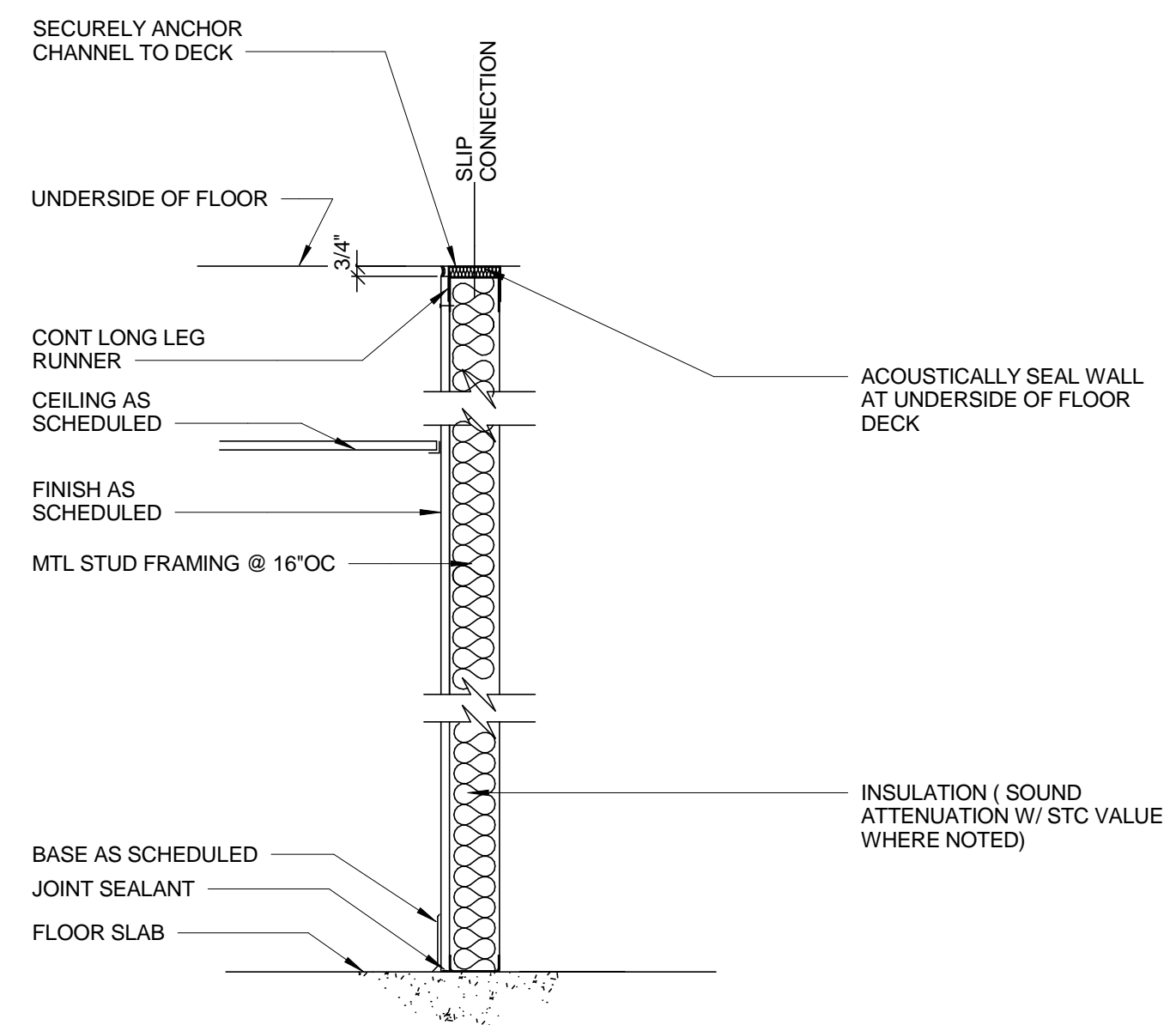
**CONNECTION DETAIL**

SCALE: 3" = 1'-0"



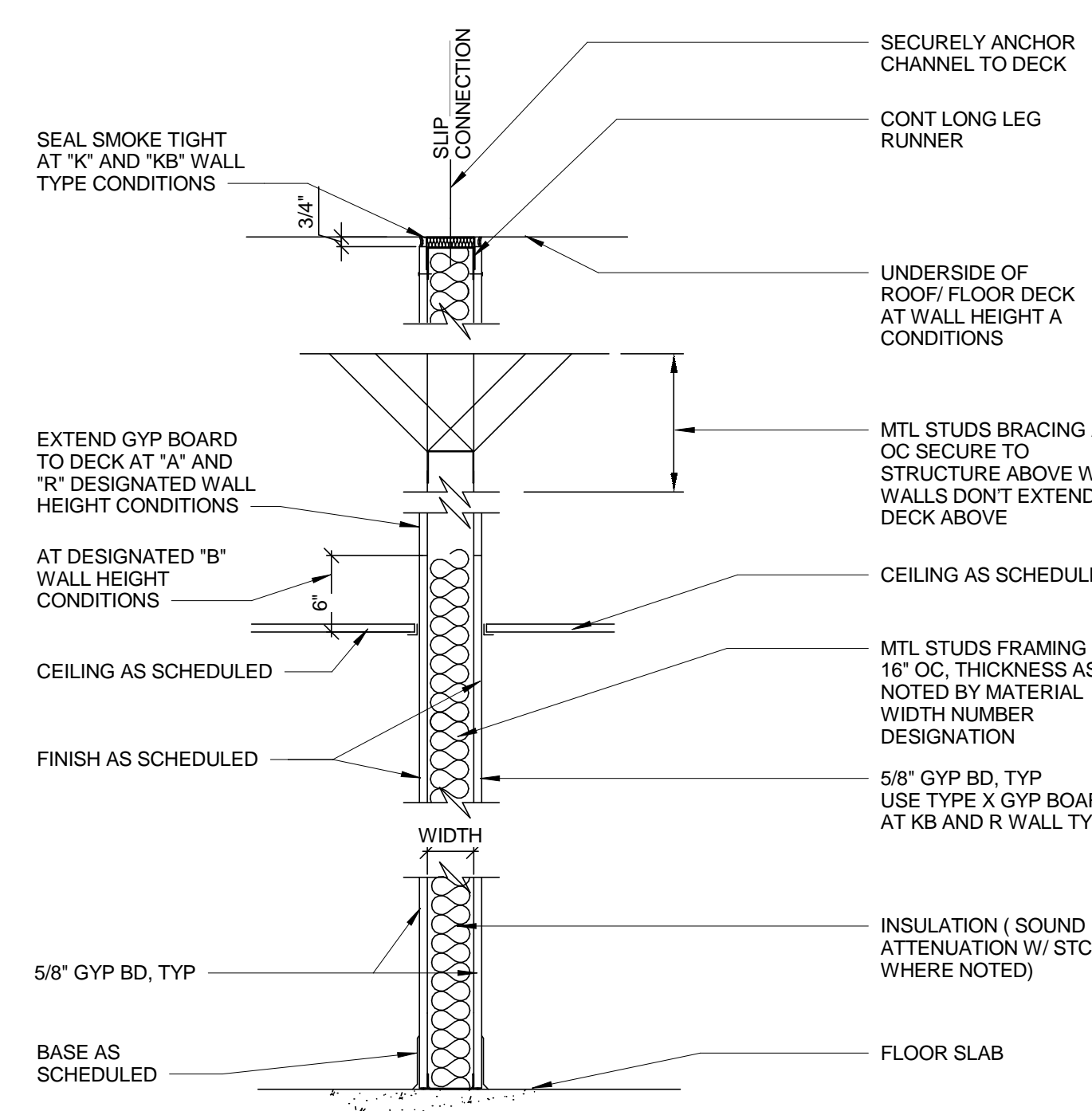
**CONNECTION DETAIL**

SCALE: 3" = 1'-0"



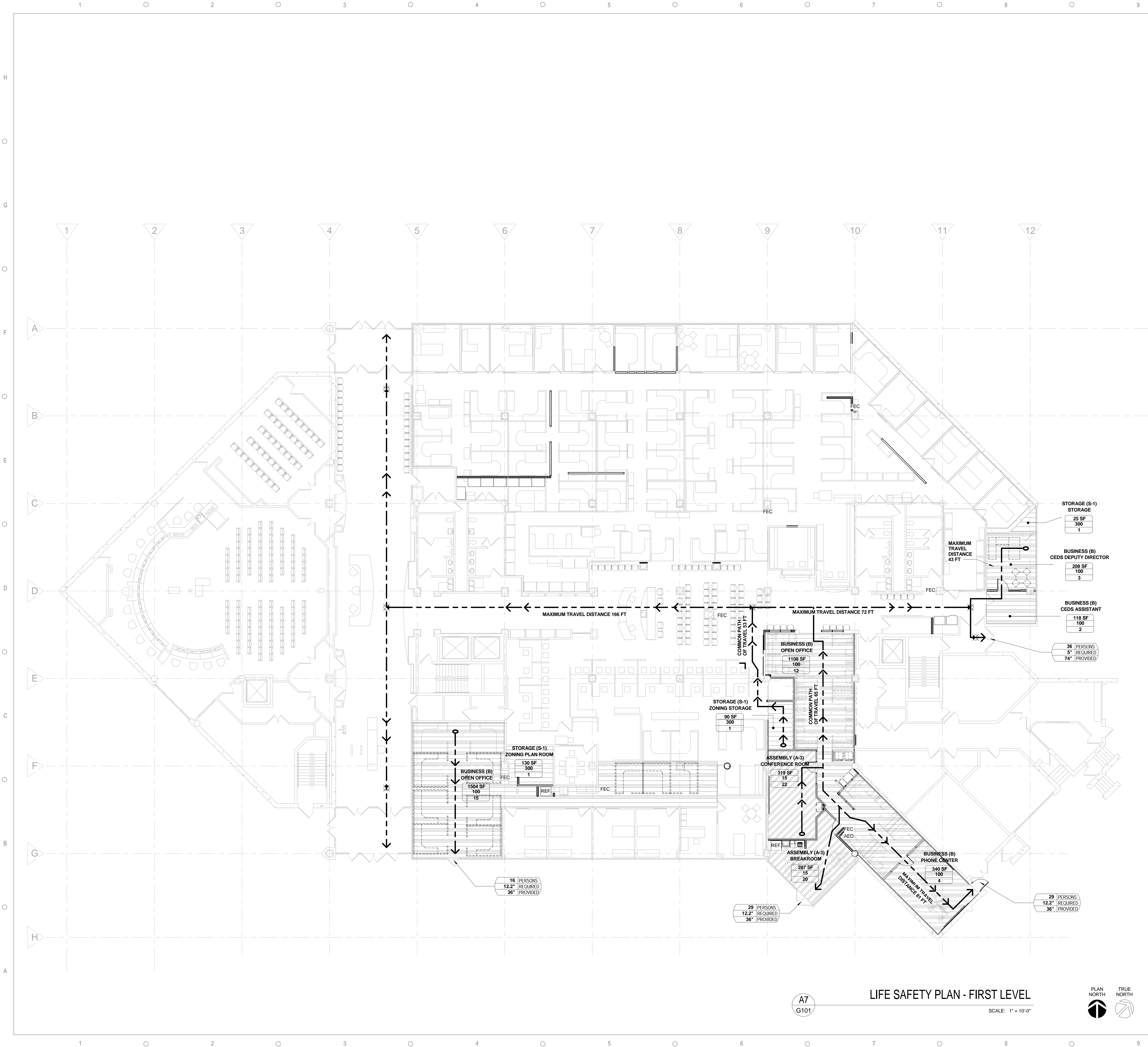
**TYPE**

TYPE	DESCRIPTION	WIDTH	REF DESIGN
S1G	1 5/8" MTL STUDS, NOT RATED	2 1/4"	
S3G	3 5/8" MTL STUDS, NOT RATED	4 1/4"	
S6G	6" MTL STUDS, NOT RATED	6 5/8"	



**TYPE**

TYPE	DESCRIPTION	WIDTH	REF DESIGN
S3U	3 5/8" MTL STUDS	4 1/4", 4 7/8"	
S6U	6" MTL STUDS	7 1/4"	



**APPLICABLE CODES**

- FLORIDA BUILDING CODE (FBC) 2014 EDITION AND AMENDMENTS
  - FLORIDA ACCESSIBILITY CODE 2014 EDITION
  - FLORIDA FIRE PREVENTION CODE (FFPC) 2014, 5TH EDITION
- OTHER APPLICABLE CODE CRITERIA, BUT NOT LIMITED TO THE FOLLOWING:
- NFPA 1, "UNIFORM FIRE CODE," 2012 ED. AS MODIFIED BY FFPC
  - NFPA 10, "STANDARD FOR PORTABLE FIRE EXTINGUISHERS," 2013 EDITION
  - NFPA 13, "STANDARD FOR THE INSTALLATION OF SPRINKLER SYSTEMS," 2013 EDITION
  - NFPA 70, "NATIONAL ELECTRICAL CODE," 2011 EDITION
  - NFPA 72, "NATIONAL FIRE ALARM CODE," 2013 EDITION
  - NFPA 80, "STANDARD FOR FIRE DOORS AND FIRE WINDOWS," 2013 EDITION
  - NFPA 101, "LIFE SAFETY CODE," (L.S.C.) 2012 ED., AS MODIFIED BY THE FBC (L.S.C.)
  - NFPA 110, "STANDARD ON EMERGENCY AND STANDBY POWER SYSTEMS," 2013 EDITION
  - CLASSIFICATION OF WORK: ALTERATION LEVEL 2 PER FBC 2014 EXISTING BUILDING CODE CHAPTER 5 SECTION 504.1

**CONSTRUCTION CLASSIFICATION**

1. OCCUPANCY CLASSIFICATION-EXISTING BUILDING GROUP B / BUSINESS OCCUPANCY		
1.1 CONSTRUCTION TYPE	UNLIMITED, FULLY SPRINKLERED	I-B
1.2 ALLOWABLE HEIGHT	UNLIMITED	UNLIMITED
1.3 ALLOWABLE AREA	UNLIMITED	UNLIMITED
1.4 ALLOWABLE STORIES	UNLIMITED	UNLIMITED
2. EXISTING BUILDING CONSTRUCTION TYPE		
		I-B
3. EXISTING BUILDING AREA		
3.1 1ST FLOOR GROSS FLOOR AREA (EXISTING)		36,630 SF
4. RENOVATION PROJECT AREA		
		2,630 SF
4. EXISTING NUMBER OF STORIES		
		5 STORIES

**OCCUPANT LOAD**

PER TABLE 1004.1.1 / FBC 2014

1. OCCUPANT LOAD - 1ST FLOOR (RENOVATED AREA)	
1.1 ASSEMBLY (A-3)	42
1.2 BUSINESS (B)	36
1.3 STORAGE (S-1)	3
1.4 TOTAL OCCUPANT LOAD	81

**MEANS OF EGRESS** CHAPTER 10 - FBC 2014

- MAXIMUM TRAVEL DISTANCE TO AN EXIT: (A) = 250 FEET, (B) = 300 FEET. SEE LIFE SAFETY PLAN.
- MAXIMUM COMMON PATH OF TRAVEL: (A) = 75 FEET, (B) = 100 FEET, (S-1) = 100 FEET. SEE LIFE SAFETY PLAN.
- MAXIMUM DEAD END CORRIDOR: 50 FEET. SEE LIFE SAFETY PLAN.
- MINIMUM NUMBER OF EXITS: REQUIRED 2, PROVIDED 4.
- EGRESS EXIT DOORS: MINIMUM 32 INCHES CLEAR WIDTH (I.S.C. 7.2.1.2.3.2). FORCE TO OPEN, APPLIED AT THE LATCH STYLE (FBC 1008.1.3 / L.S.C. 7.2.1.4.5). 6.1 LESS THAN OR EQUAL TO 15 LBF TO OPERATE THE LATCH. 6.2 LESS THAN OR EQUAL TO 30 LBF TO SET THE DOOR IN MOTION. 6.3 LESS THAN OR EQUAL TO 15 LBF TO FULLY OPEN DOOR TO MINIMUM REQUIRED WIDTH. 6.4 LESS THAN OR EQUAL TO 15 LBF FOR INTERIOR SIDE-HINGED OR PIVOTED SWINGING DOORS WITHOUT CLOSERS.
- EXIT SIGNS: EXIT SIGN PLACEMENT SHALL BE SUCH THAT NO POINT IN AN EXIT ACCESS CORRIDOR OR EXIT PASSAGEWAY IS MORE THAN 100 FT OR THE LISTED VIEWING DISTANCE FOR THE SIGN, WHICHEVER IS LESS, FROM THE NEAREST VISIBLE EXIT SIGN (FBC 1011.1 / L.S.C. 7.10.1.5.2).
- ELEVATOR LOBBY TO COMPLY WITH NFPA 101 SECTION 7.2.1.1.3.
- IN REGARDS TO FIRE EXTINGUISHER CABINET: PROVIDE A PORTABLE FIRE EXTINGUISHER WITH A RATING OF NOT LESS THAN 2A: 10-B-C WITHIN 50 FOOT TRAVEL DISTANCE TO ALL PORTIONS OF THE BUILDING ON EACH FLOOR AND ADDITIONAL EXTINGUISHERS AS REQUIRED BY AUTHORITY HAVING JURISDICTION (AHJ).
- MEANS OF EGRESS SIGNS: OCCUPANTS x (0.2) FOR DOOR CLEAR OPENING WIDTH x OCCUPANTS x (0.2) FOR STAIRWAYS WITH CAPACITY IN INCHES PER OCCUPANT IN BUILDINGS EQUIPPED THROUGHOUT WITH AN AUTOMATIC SPRINKLER SYSTEM INSTALLED IN ACCORDANCE WITH SECTION 903.3.1.1 OR 903.3.1.2 AND AN EMERGENCY VOICE ALARM COMMUNICATION SYSTEM IN ACCORDANCE WITH SECTION 907.5.2.2 (FBC 1005.3.1).

**OCCUPANCY LEGEND**

- ASSEMBLY (A-3)
- BUSINESS (B)
- STORAGE (S-1)

**LIFE SAFETY LEGEND**

- 1 HOUR FIRE RATED WALL
- MAXIMUM TRAVEL DISTANCE TO AN EXIT
- COMMON PATH OF TRAVEL TO CHOICE OF TWO TRAVEL PATHS
- SEMI-RECESSED AUTOMATED EXTERNAL DEFIBRILLATOR (AED)
- WALL MOUNTED FIRE EXTINGUISHER CLASS: 2A: 10B-C
- SURFACE MOUNTED FIRE EXTINGUISHER HOSE CABINET CLASS: 2A: 10B-C
- RECESSED FIRE EXTINGUISHER HOSE CABINET CLASS: 2A: 10B-C
- EXIT SIGN
- EXIT SIGN WITH DIRECTIONAL ARROW
- ROOM AREA (SQUARE FEET)
- OCCUPANT LOAD FACTOR
- NUMBER OF OCCUPANTS
- OCCUPANT LOAD USING EXIT
- REQUIRED EXIT WIDTH (INCHES)
- OCCUPANT LOAD x 0.2" PER OCCUPANT
- PROVIDED EXIT WIDTH (INCHES)



CAPITAL PROJECTS DIVISION

ORANGE COUNTY GOVERNMENT  
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PHASE 1  
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Maximiano Brito, RA, AIA  
FL Reg. No. AR0015108

BID DOCUMENTS

DATE	SUBMISSION / REVISION	NO.

LIFE SAFETY PLAN  
FIRST LEVEL

SCALE: AS INDICATED  
DRAWN BY: LV  
CHECK BY: AC / MB  
DATE: September 22, 2017  
PROJECT NUMBER: 15012-0031

G101

RCP DEMOLITION KEYNOTES

- 1 EXISTING ACCESS PANEL TO BE REMOVED.
- 2 EXISTING STROBE LIGHTING TO BE REMOVED AND RELOCATED. SEE ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.
- 3 EXISTING EXIT SIGN TO BE REMOVED AND RELOCATED. SEE ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.
- 4 EXISTING MECHANICAL TO BE REMOVED. SEE MECHANICAL DRAWINGS FOR ADDITIONAL INFORMATION.
- 5 EXISTING SOTTIT TO BE REMOVED. PATCH / REPAIR ADJACENT SURFACES TO MATCH EXISTING. PREPARE AREA FOR NEW CEILING TO MATCH EXISTING.
- 6 EXISTING MILLWORK TO BE REMOVED - PATCH / REPAIR CEILING TO MATCH EXISTING CEILING TILES AND GRID SYSTEM.
- 7 EXISTING ROLL-UP DOOR TO BE REMOVED IN ITS ENTIRETY. PATCH / REPAIR ADJACENT SURFACES TO MATCH EXISTING.
- 8 EXISTING LIGHTING TO BE REMOVED. SEE ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.
- 9 SPEAKER TO BE REMOVED. SEE ELECTRICAL FOR ADDITIONAL INFORMATION.
- 10 NOT USED
- 11 CEILING TO REMAIN - PROTECT FROM DAMAGE DURING CONSTRUCTION.
- 12 EXISTING SIGNAGE TO BE REMOVED AND RETURNED TO OWNER. PROTECT FROM DAMAGE DURING CONSTRUCTION.
- 13 EXISTING CEILING TILES AND GRID SYSTEM TO BE REMOVED IN THEIR ENTIRETY.

RCP DEMOLITION LEGEND

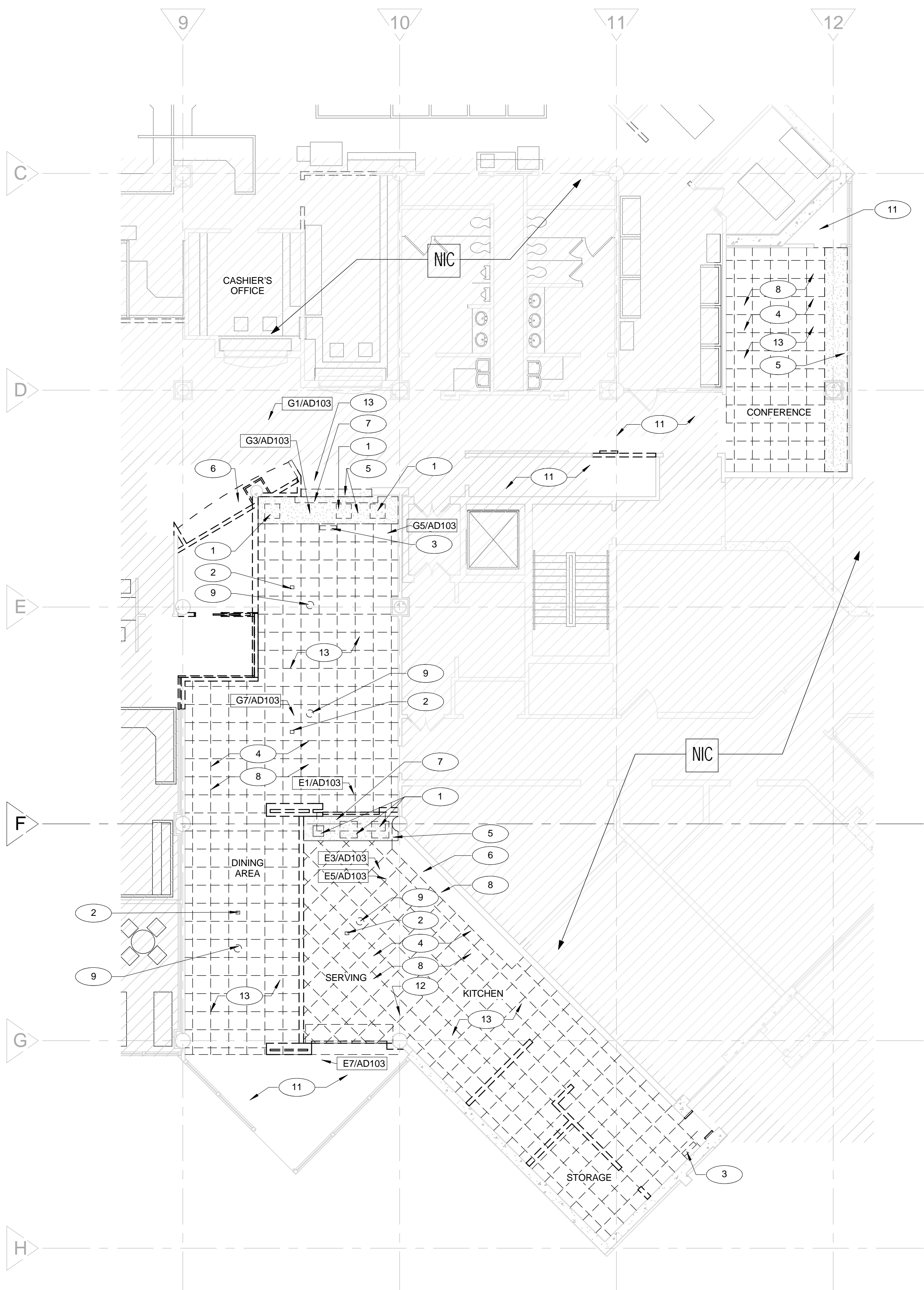
- 2x4 RECESSED LIGHTING TO BE REMOVED
- DOWN LIGHTING TO BE REMOVED
- 2x4 CEILING GRID TO BE REMOVED
- GYP. BD CEILING TO BE REMOVED
- EXIT SIGN TO BE REMOVED
- IMAGE REFERENCE (IMAGE NUMBER / SHEET)

DEMOLITION KEYNOTES

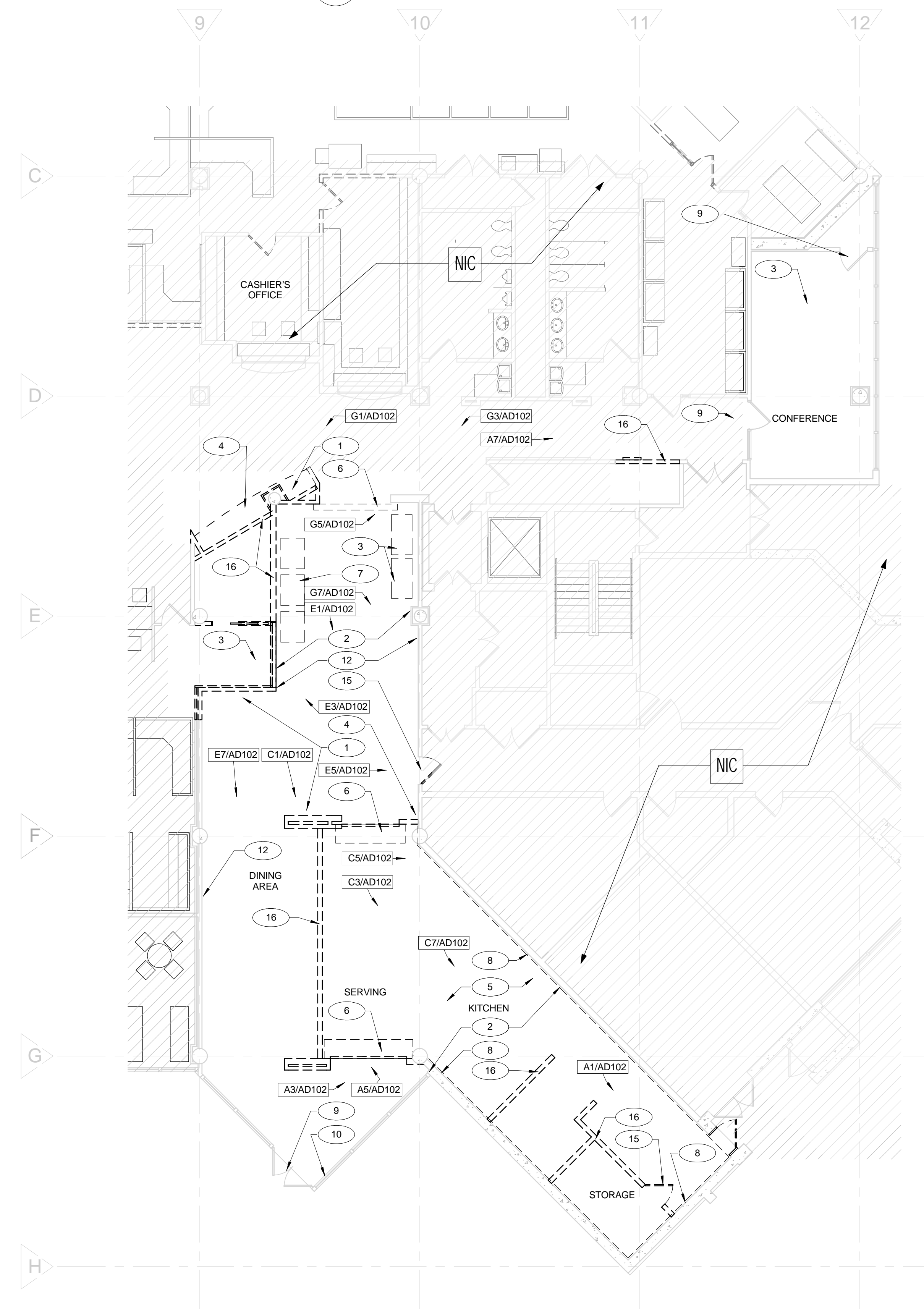
- 1 EXISTING MILLWORK TO BE REMOVED IN ITS ENTIRETY - PATCH / REPAIR ALL ADJACENT SURFACES AS REQUIRED TO MATCH EXISTING.
- 2 REMOVE EXISTING FLOORING DOWN TO STRUCTURAL SLAB. PREPARE SURFACE AREA FOR NEW CONSTRUCTION - SEE FINISH PLAN FOR EXTENT OF NEW FLOORING.
- 3 REMOVE FURNITURE AND RETURN TO OWNER. PROTECT FROM DAMAGE DURING CONSTRUCTION - TYP.
- 4 RELOCATE ELECTRICAL EQUIPMENT - OWNER TO VERIFY NEW LOCATIONS. PROTECT FROM DAMAGE DURING CONSTRUCTION.
- 5 REMOVE ALL KITCHEN EQUIPMENT IN ITS ENTIRETY - VERIFY WITH OWNER ANY EQUIPMENT TO BE SALVAGED, STORED, AND / OR PROTECTED.
- 6 REMOVE OVERHEAD DOOR IN ITS ENTIRETY - PATCH/REPAIR ADJACENT SURFACES AS REQUIRED TO MATCH EXISTING.
- 7 RELOCATE VENDING MACHINES - SEE FLOOR PLAN FOR NEW LOCATIONS - PROTECT FROM DAMAGE DURING CONSTRUCTION - TYP.
- 8 REMOVE WALL FINISH IN ITS ENTIRETY.
- 9 EXISTING DOOR TO REMAIN. PROTECT FROM DAMAGE DURING CONSTRUCTION.
- 10 EXTERIOR CURTAIN WALL TO REMAIN - PROTECT FROM DAMAGE DURING CONSTRUCTION. CLEAN AS PER OWNER SATISFACTION AT COMPLETION OF CONSTRUCTION.
- 11 EXISTING FLOOR DRAIN TO BE CAPPED IN. REFER TO PLUMBING FOR ADDITIONAL INFORMATION.
- 12 REMOVE WALL FINISH AT BASE - AS INDICATED ON DEMOLITION IMAGES. PATCH / REPAIR WALL AS REQUIRED TO MATCH EXISTING.
- 13 EXISTING FLOORING TO REMAIN - PROTECT FROM DAMAGE DURING CONSTRUCTION - TYP.
- 14 EXISTING FIRE EXTINGUISHER TO BE REMOVED AND RELOCATED - SEE LIFE SAFETY PLAN FOR ADDITIONAL INFORMATION - PROTECT FROM DAMAGE DURING CONSTRUCTION.
- 15 REMOVE DOOR IN ITS ENTIRETY INCLUDING ASSOCIATED FRAME AND HARDWARE
- 16 REMOVE PARTITION AS REQUIRED TO ACCOMMODATE NEW CONSTRUCTION
- 17 REMOVE FIRE SUPPRESSION SYSTEM INCLUDING PIPEWORK, ELECTRICAL WIRING AND MODULE FOR THE FIRE ALARM SYSTEM. THE MODULE WILL NEED TO BE REMOVED IN THE PROGRAMMING OF THE FIRE ALARM SYSTEM.

DEMOLITION LEGEND

- EXISTING WALL TO REMAIN.
- EXISTING WALL TO BE DEMOLISHED
- DEMO DOOR
- EXISTING DOOR
- IMAGE REFERENCE (IMAGE NUMBER / SHEET)



**A3**  
**AD101**  
**DEMOLITION CEILING PLAN - FIRST LEVEL**  
SCALE: 1/8" = 1'-0"  
PLAN NORTH TRUE NORTH



**A7**  
**AD101**  
**DEMOLITION FLOOR PLAN - FIRST LEVEL**  
SCALE: 1/8" = 1'-0"  
PLAN NORTH TRUE NORTH

GENERAL DEMOLITION NOTES

- A DRAWINGS REPRESENT EXISTING CONDITIONS BASED ON LIMITED EXISTING AS-BUILT DRAWINGS AND SITE OBSERVATIONS. CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFICATIONS OF ALL ACTUAL CONDITIONS AND DIMENSIONS.
- B THE CONTRACTOR WILL BE PRESUMED TO HAVE INSPECTED THE SITE AND TO HAVE READ AND BE THOROUGHLY FAMILIAR WITH THE CONSTRUCTION DOCUMENTS AND SPECIFICATIONS. THE FAILURE OR OMISSION OF ANY CONTRACTOR TO EXAMINE ANY FORM INSTRUMENT OR DOCUMENT SHALL IN NO WAY RELIEVE THE CONTRACTOR FROM ANY OBLIGATION IN RESPECT TO THIS PROJECT.
- C THIS SHEET INDICATES GENERALLY WHERE DEMOLITION OF EXISTING CONSTRUCTION IS TO OCCUR. THE DEMOLITION SHOWN ON THIS SHEET IS NOT INTENDED TO LIMIT OR FULLY DEFINE THE SCOPE OF ITEMS TO BE REMOVED, NOR IS IT INTENDED TO REPRESENT ALL EXISTING FEATURES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR SURVEYING THE AREA OF DEMOLITION IN ORDER TO OCCUR. THE CONTRACTOR IS TO NOTIFY THE OWNER IN WRITING OF ANY CONFLICTING CONDITIONS AND DISCREPANCIES PRIOR TO START OF DEMOLITION.
- D DEMOLITION DRAWINGS MAY NOT INDICATE ALL ITEMS TO BE REMOVED OR TO REMAIN. COORDINATE DEMOLITION OF WALLS, EQUIPMENT, UTILITIES, ETC. AND ITEMS TO REMAIN WITH OTHER DISCIPLINES.
- E CONTRACTOR SHALL VERIFY ALL UTILITIES, INCLUDING BUT NOT LIMITED TO EXISTING SPRINKLER SYSTEM (DOWN OR NOT SHOWN ON CONSTRUCTION OR CUTTING INTO ANY WALL PERMANENT PROCEDURES ARE TO BE MADE TO RELOCATE OR BYPASS UTILITIES TO AVOID DISRUPTION OR SURFACING OF UTILITIES. CONTRACTOR SHALL NOT REQUEST ADDITIONAL CHARGES FOR SUCH UTILITIES THAT ARE CLEARLY VISIBLE (WITHOUT DEMOLITION).
- F PRIOR TO START OF DEMOLITION THE CONTRACTOR SHALL SURVEY THE AREA OF DEMOLITION IN THE PRESENCE OF THE OWNER REPRESENTATIVE(S) TO IDENTIFY EXISTING ITEMS TO REMAIN TO BE SALVAGED, TO BE REMOVED AND REINSTALLED DURING CONSTRUCTION, DAMAGE OR OTHERWISE NOT IN "LIKE NEW" CONDITIONS. THOSE ITEMS AND THEIR CONDITION ARE TO BE LISTED IN A "DAMAGE SURVEY" ACCEPTED BY BOTH OWNER AND CONTRACTOR. ANY ITEMS IDENTIFIED AS EXISTING TO REMAIN, TO BE SALVAGED, TO BE REMOVED AND REINSTALLED DURING CONSTRUCTION AND SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO REPAIR, OR REPLACE AT NO ADDITIONAL COST TO THE OWNER.
- G WHERE EXISTING WALL MOUNTED DEVICES, FIXTURES, EQUIPMENT, ETC., ARE SCHEDULED TO BE REMOVED, STORED AND REINSTALLED DURING CONSTRUCTION, CONTRACTOR SHALL COORDINATE STORAGE WITH OWNER AND SHALL PROTECT THOSE ITEMS FROM DAMAGE DURING CONSTRUCTION.
- H CONTRACTOR IS TO PROVIDE ALL PERMITS AND COMPLY WITH ALL APPLICABLE ORDINANCES, REGULATIONS AND CODES IN THE REMOVAL AND DISPOSAL OF MATERIAL. DISPOSAL OF ALL RUBBISH AND DEBRIS IS TO BE IN AN ENVIRONMENTALLY SAFE MANNER IN ACCORDANCE WITH ALL APPLICABLE LOCAL CODES AND JURISDICTIONS.



CAPITAL PROJECTS DIVISION

ORANGE COUNTY GOVERNMENT  
DIVISION OF BUILDING SAFETY RENOVATION

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FL Reg. No. AR0015108

BID DOCUMENTS

DATE	SUBMISSION / REVISION	NO.

DEMOLITION PLAN

SCALE: AS INDICATED  
DRAWN BY: MA / AC  
CHECK BY: AC / MB  
DATE: September 22, 2017  
PROJECT NUMBER: 15012-0031

**AD101**

**DEMOLITION KEYNOTES**

# → KEYNOTE NUMBER

- 1 EXISTING MILLWORK TO BE REMOVED IN ITS ENTIRETY - PATCH / REPAIR ALL ADJACENT SURFACES AS REQUIRED TO MATCH EXISTING.
- 2 REMOVE EXISTING FLOORING DOWN TO STRUCTURAL SLAB. PREPARE SURFACE AREA FOR NEW CONSTRUCTION - SEE FINISH PLAN FOR EXTENT OF NEW FLOORING.
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Consultants



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GOVERNMENT  
FLORIDA

CAPITAL PROJECTS  
DIVISION

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DIVISION OF BUILDING  
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PHASE 1

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Maximiano Brito, RA, AIA  
FL Reg. No. AR0015108

BID DOCUMENTS

DATE	SUBMISSION / REVISION	NO.

**DEMOLITION IMAGES -  
FLOOR PLAN**

SCALE: AS INDICATED

DRAWN BY: LV

CHECK BY: Checker

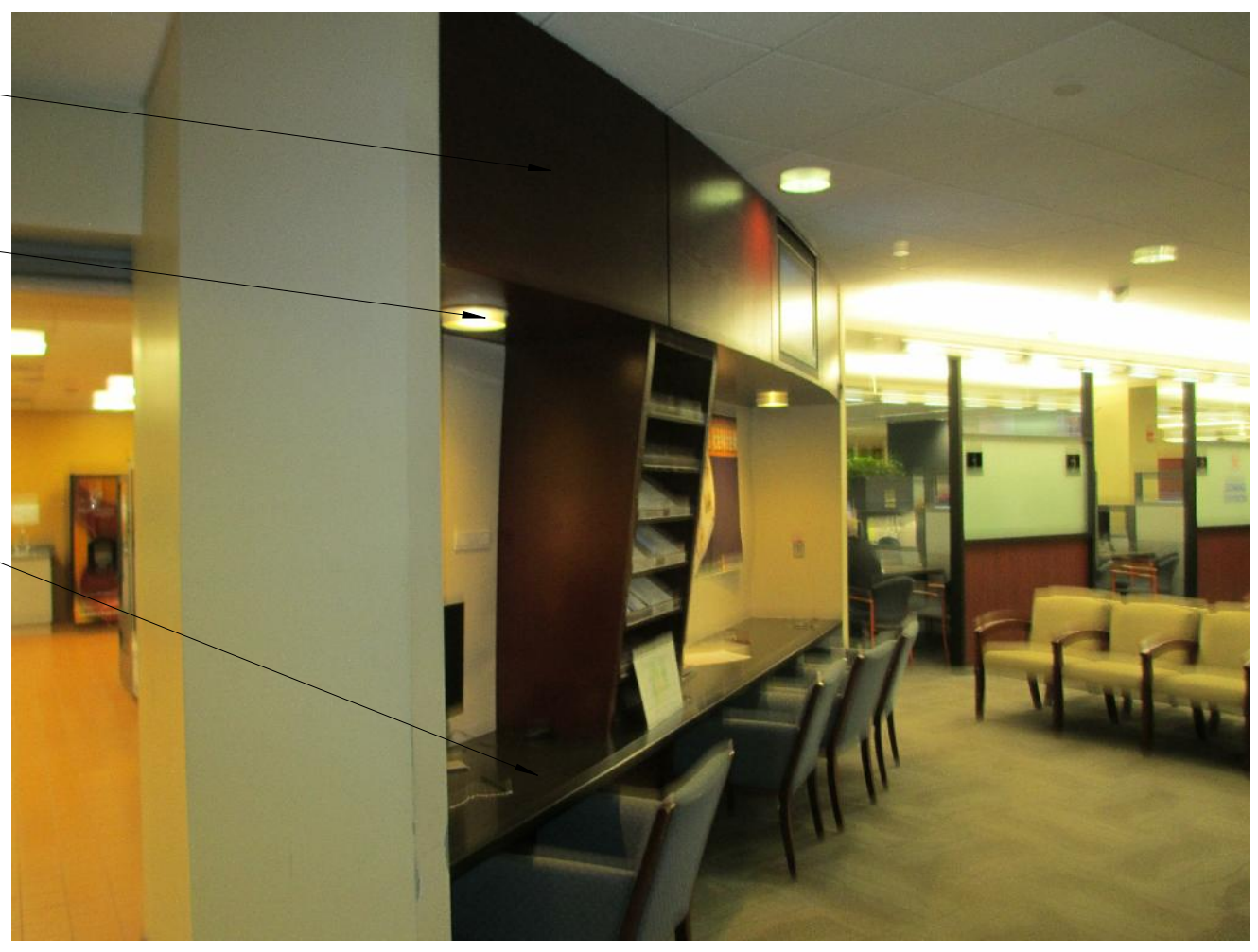
DATE: September 22, 2017

PROJECT NUMBER: 15012-0031

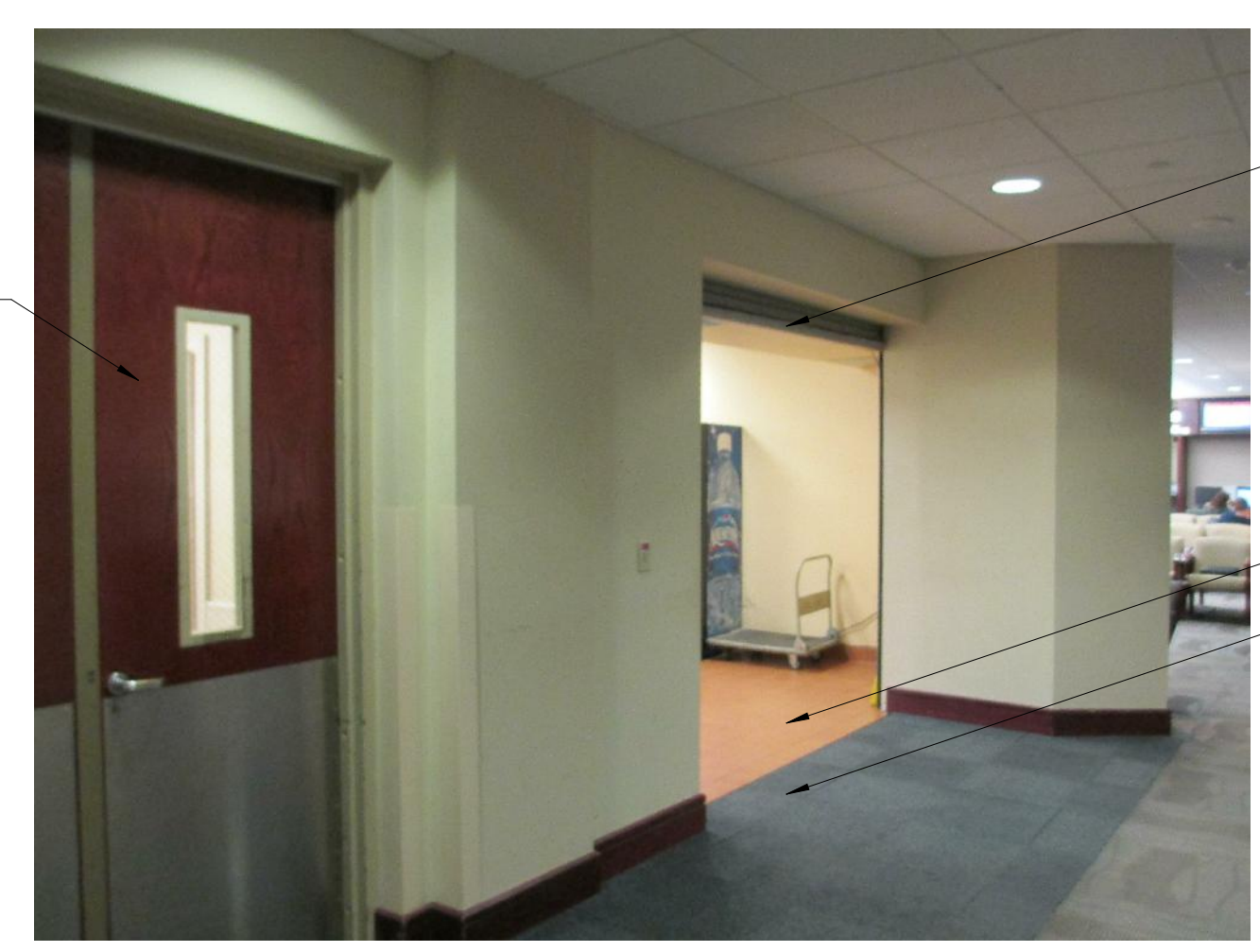
**AD102**

**GENERAL DEMOLITION NOTES**

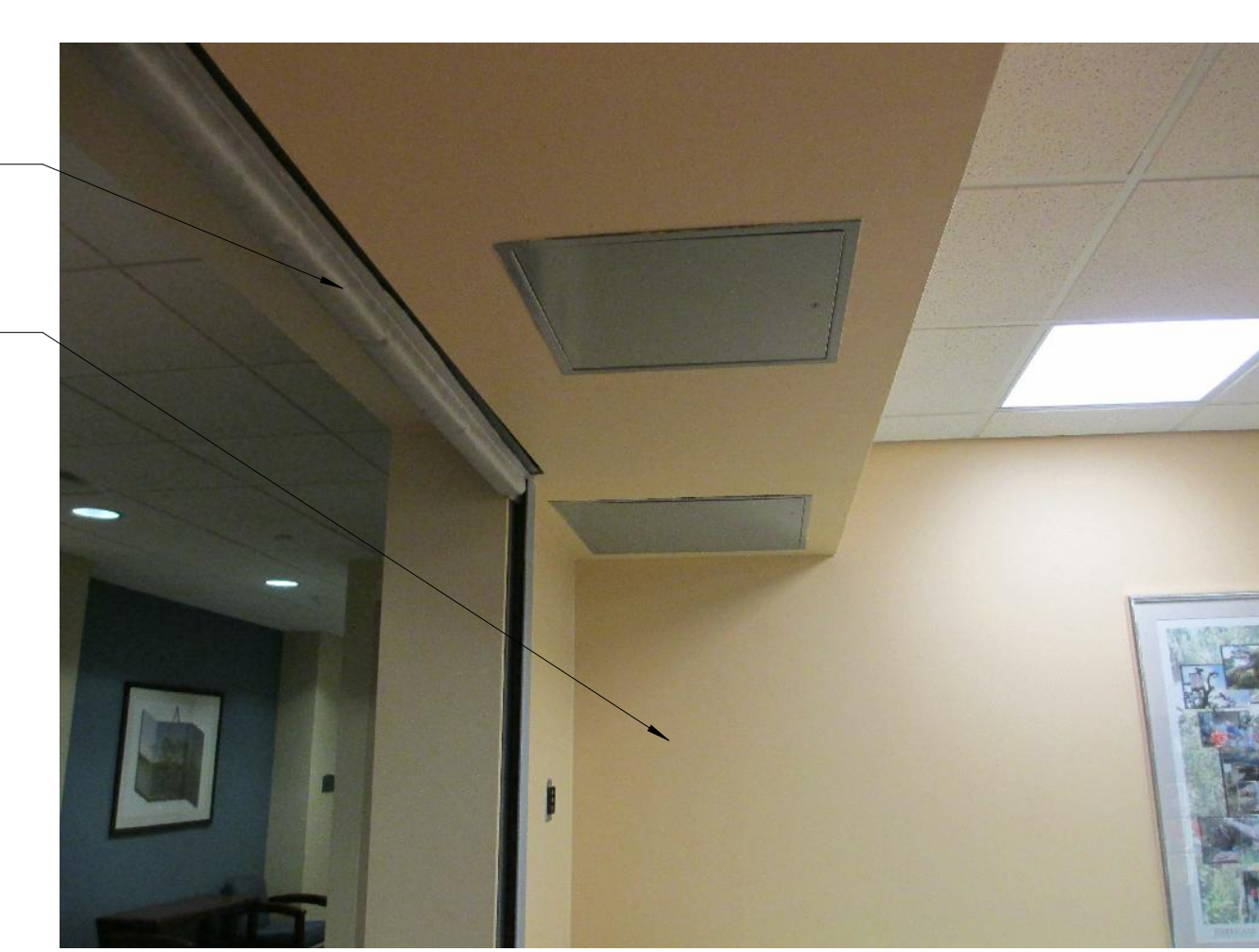
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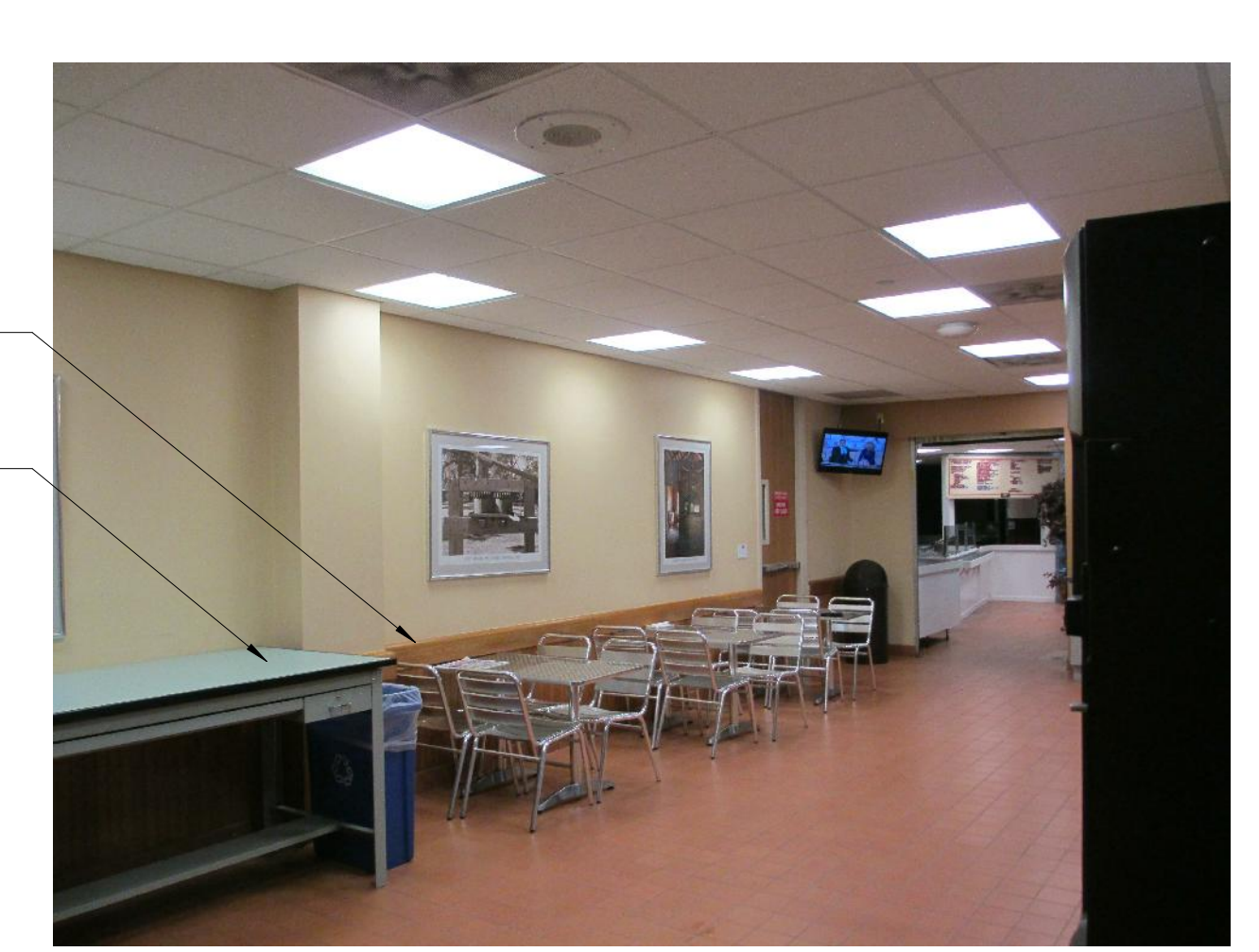
**G1**  
AD102  
**DEMOLITION IMAGE 01**  
SCALE: 1/16" = 1'-0"



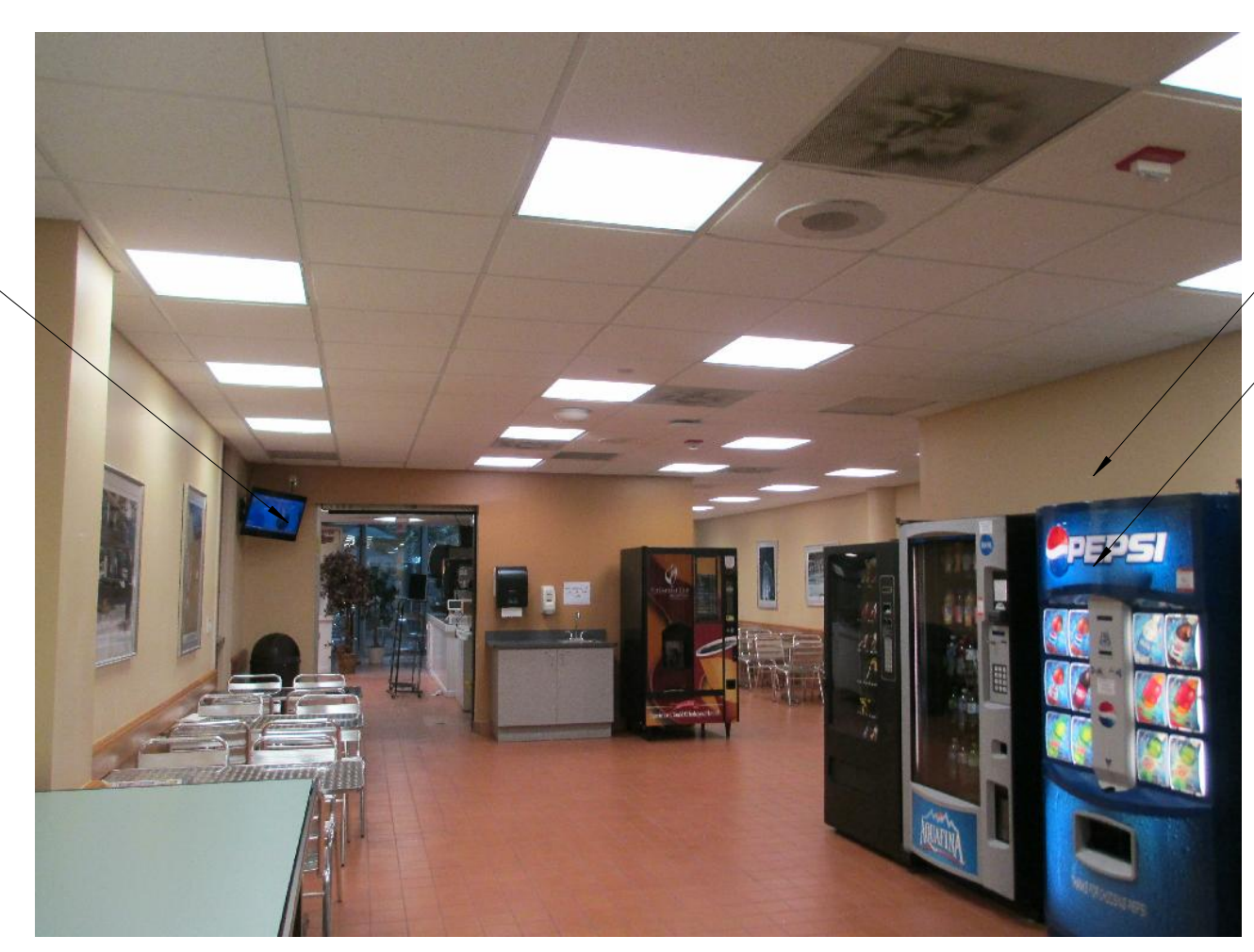
**G3**  
AD102  
**DEMOLITION IMAGE 02**  
SCALE: 1" = 160'-0"



**G5**  
AD102  
**DEMOLITION IMAGE 03**  
SCALE: 1" = 1'-0"



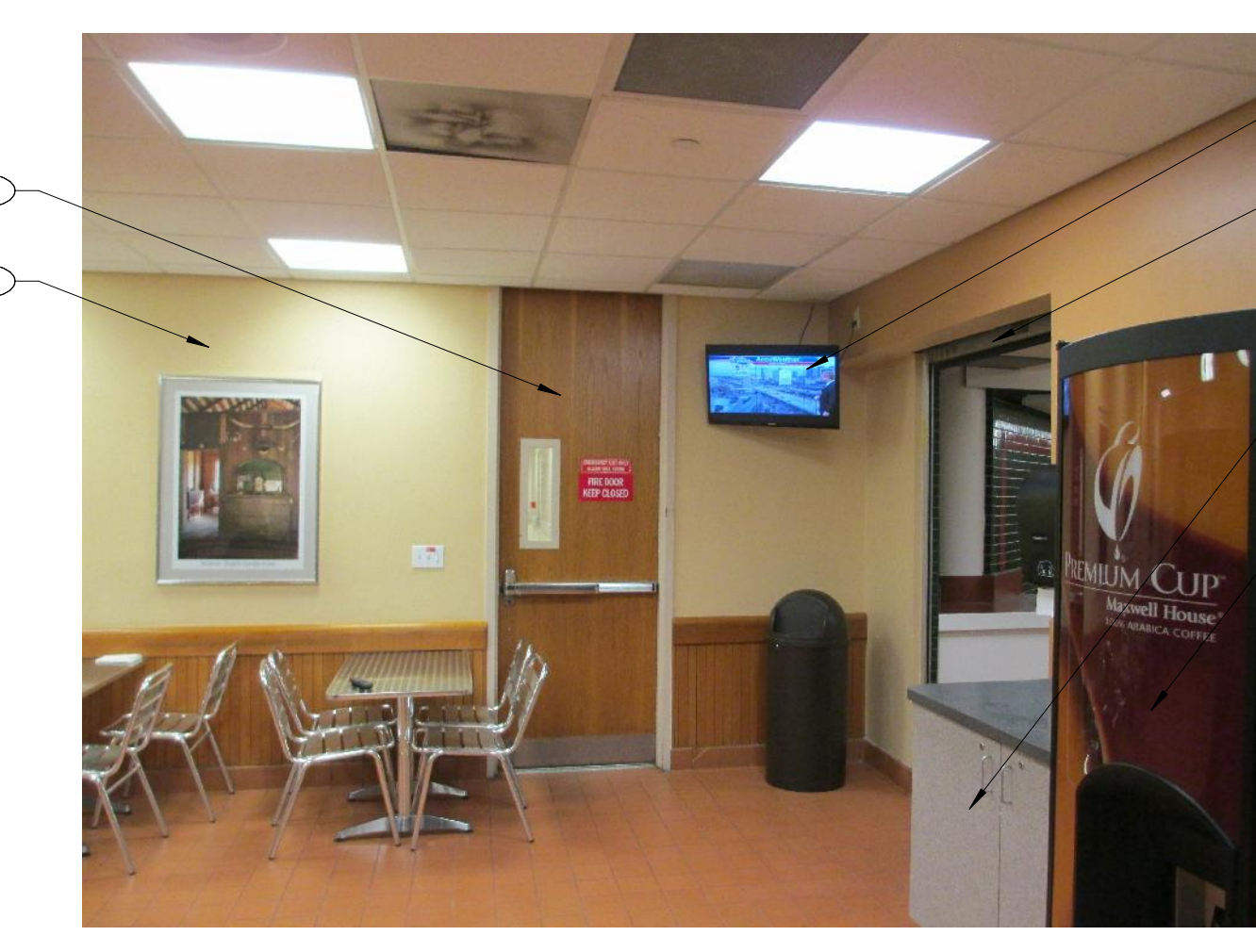
**G7**  
AD102  
**DEMOLITION IMAGE 04**  
SCALE: 3" = 1'-0"



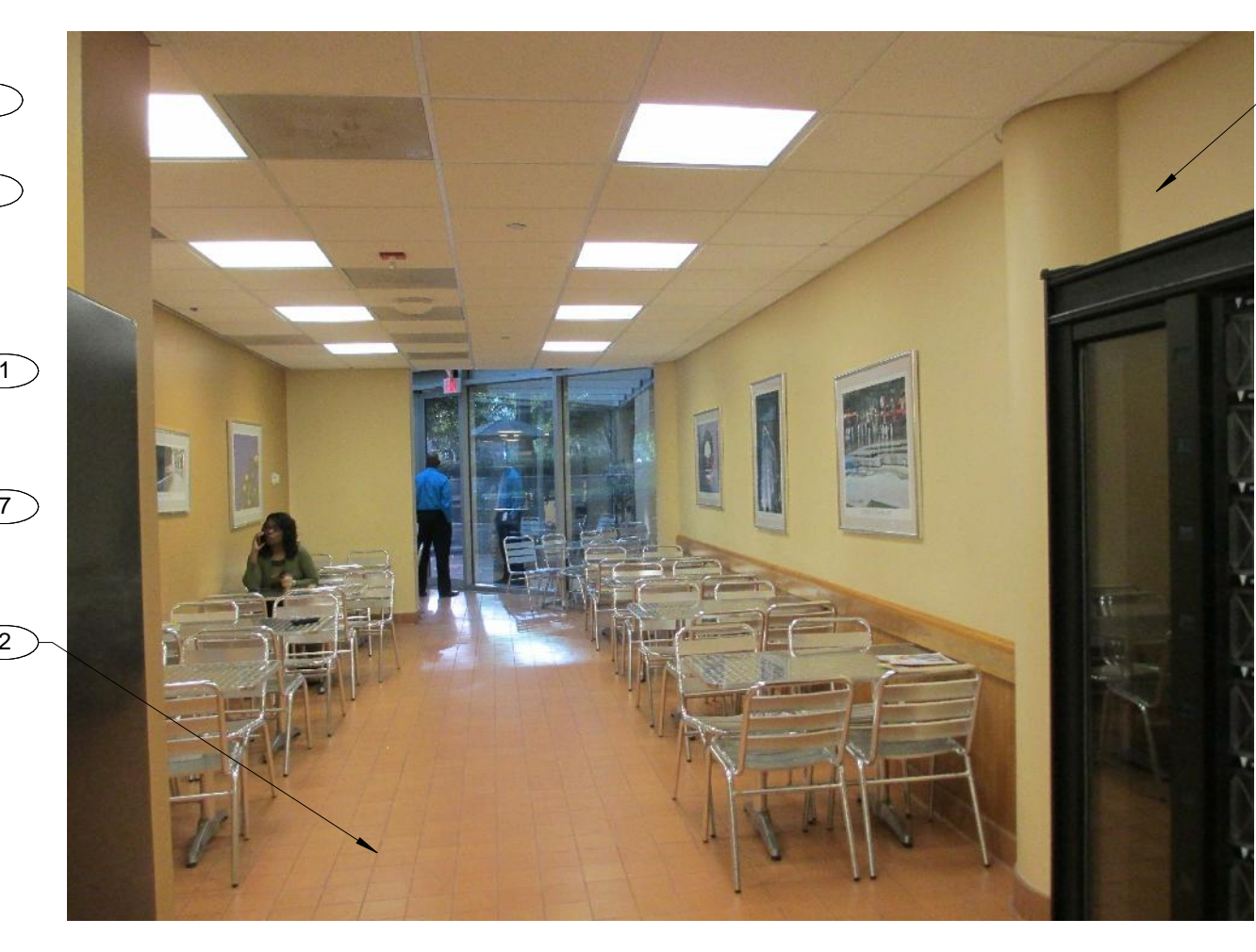
**E1**  
AD102  
**DEMOLITION IMAGE 05**  
SCALE: 3" = 1'-0"



**E3**  
AD102  
**DEMOLITION IMAGE 06**  
SCALE: 3" = 1'-0"



**E5**  
AD102  
**DEMOLITION IMAGE 07**  
SCALE: 3" = 1'-0"



**E7**  
AD102  
**DEMOLITION IMAGE 08**  
SCALE: 3" = 1'-0"



**C1**  
AD102  
**DEMOLITION IMAGE 09**  
SCALE: 3" = 1'-0"



**C3**  
AD102  
**DEMOLITION IMAGE 10**  
SCALE: 6" = 1'-0"



**C5**  
AD102  
**DEMOLITION IMAGE 11**  
SCALE: 3" = 1'-0"



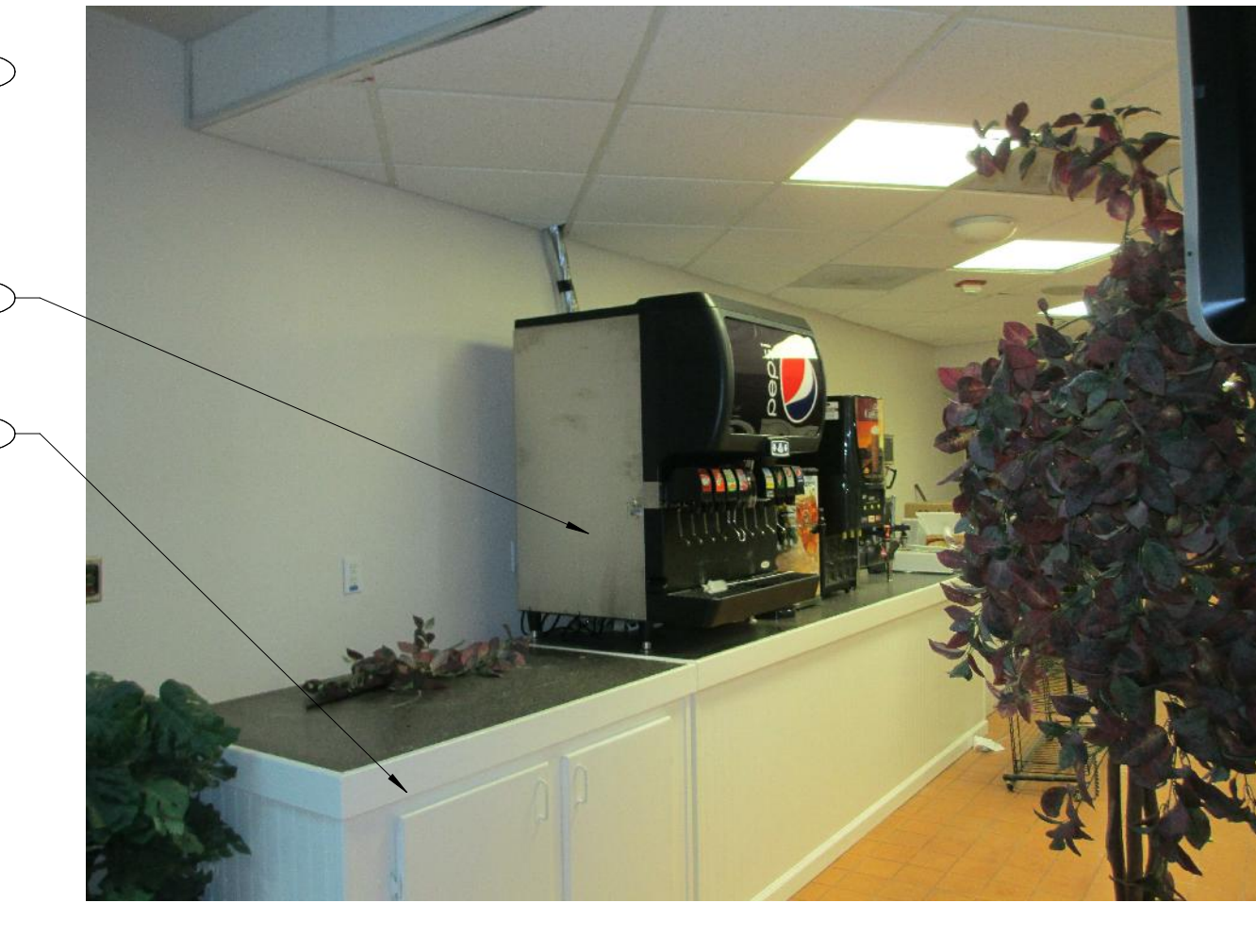
**C7**  
AD102  
**DEMOLITION IMAGE 12**  
SCALE: 3" = 1'-0"



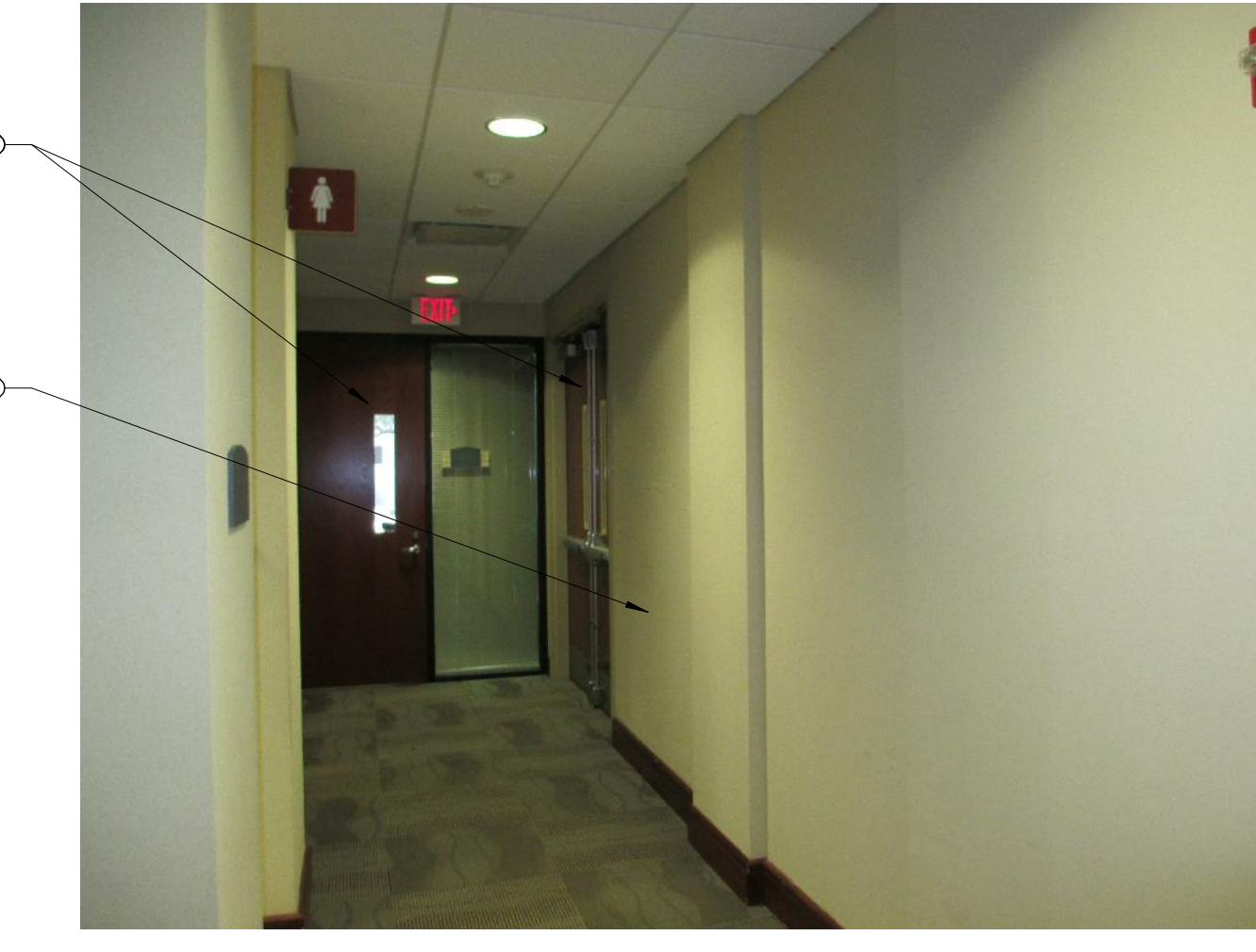
**A1**  
AD102  
**DEMOLITION IMAGE 13**  
SCALE: 3" = 1'-0"



**A3**  
AD102  
**DEMOLITION IMAGE 14**  
SCALE: 3" = 1'-0"

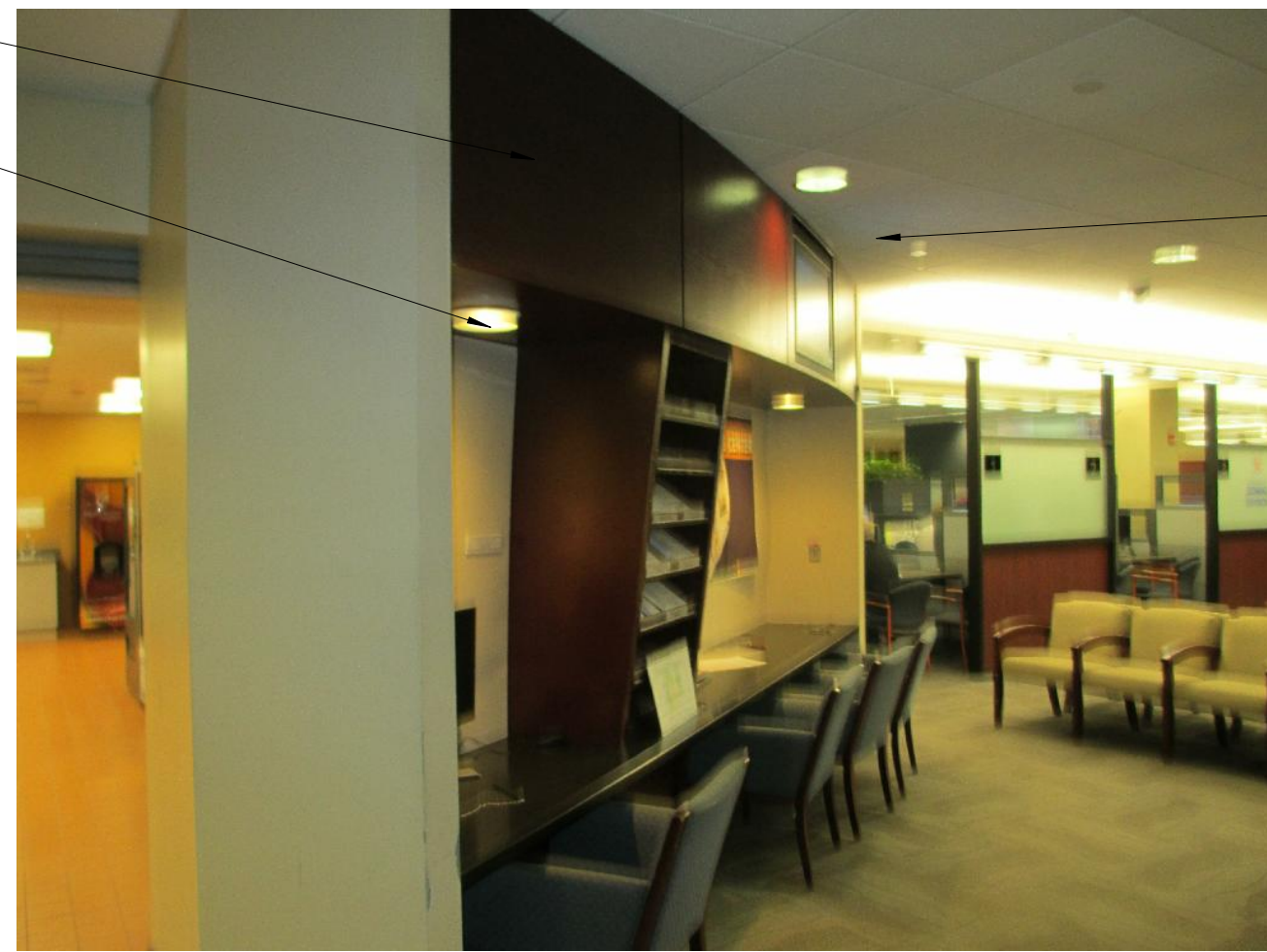


**A5**  
AD102  
**DEMOLITION IMAGE 15**  
SCALE: 3" = 1'-0"



**A7**  
AD102  
**DEMOLITION IMAGE 16**  
SCALE: 3" = 1'-0"





**DEMOLITION RCP IMAGE 01**  
 SCALE: 3" = 1'-0"



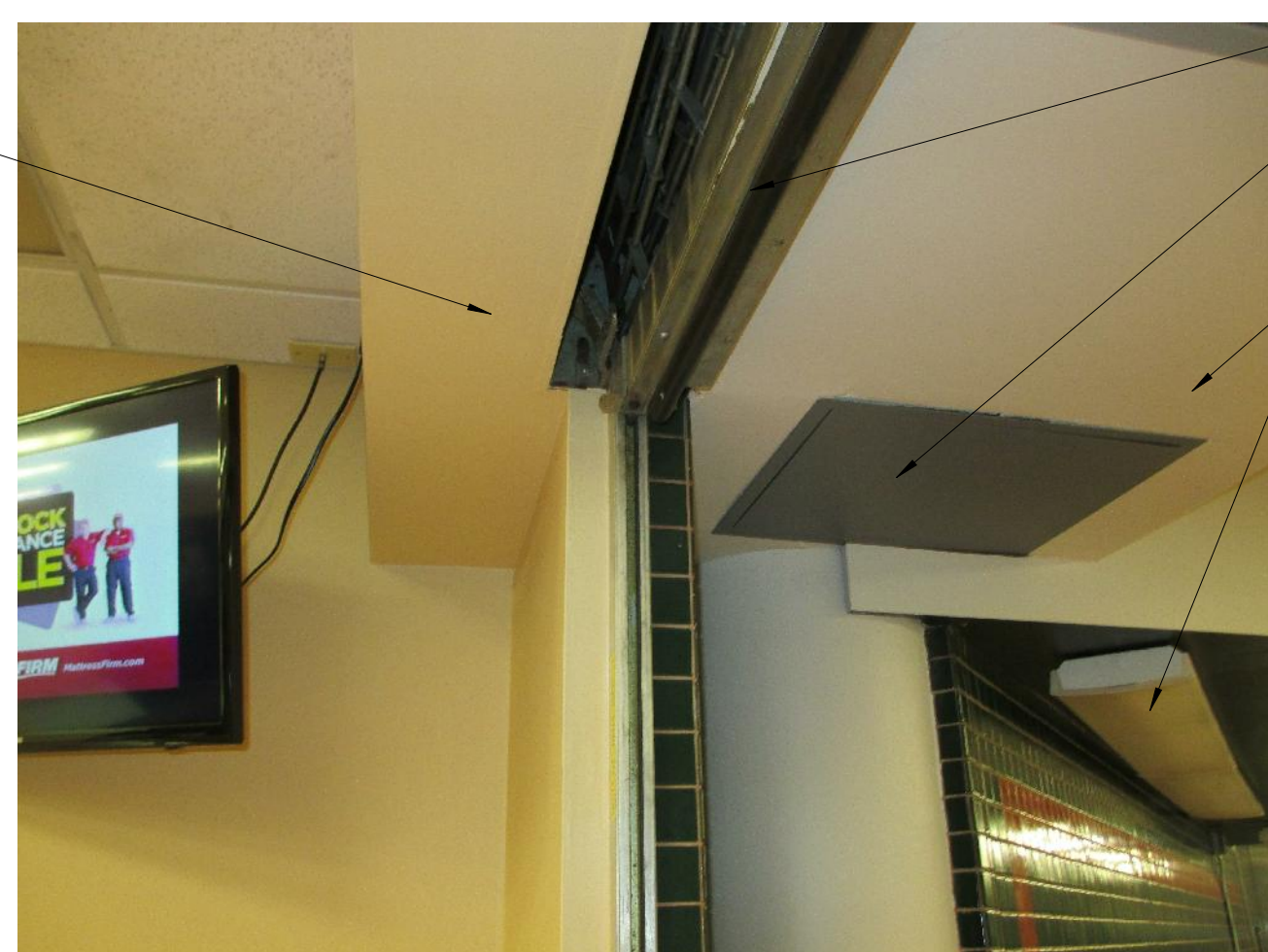
**DEMOLITION RCP IMAGE 02**  
 SCALE: 1" = 400'-0"



**DEMOLITION RCP IMAGE 03**  
 SCALE: 3" = 1'-0"



**DEMOLITION RCP IMAGE 04**  
 SCALE: 3" = 1'-0"



**DEMOLITION RCP IMAGE 05**  
 SCALE: 3" = 1'-0"



**DEMOLITION RCP IMAGE 06**  
 SCALE: 3" = 1'-0"



**DEMOLITION RCP IMAGE 07**  
 SCALE: 3" = 1'-0"



**DEMOLITION RCP IMAGE 08**  
 SCALE: 3" = 1'-0"

**RCP DEMOLITION KEYNOTES**

- 1 EXISTING ACCESS PANEL TO BE REMOVED.
- 2 EXISTING STROBE LIGHTING TO BE REMOVED AND RELOCATED. SEE ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.
- 3 EXISTING EXIT SIGN TO BE REMOVED AND RELOCATED. SEE ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.
- 4 EXISTING MECHANICAL TO BE REMOVED. SEE MECHANICAL DRAWINGS FOR ADDITIONAL INFORMATION.
- 5 EXISTING SOFFIT TO BE REMOVED. PATCH / REPAIR ADJACENT SURFACES TO MATCH EXISTING. PREPARE AREA FOR NEW CEILING TO MATCH EXISTING.
- 6 EXISTING MILLWORK TO BE REMOVED. PATCH / REPAIR CEILING TO MATCH EXISTING. CEILING TILES AND GRID SYSTEM.
- 7 EXISTING ROLL-UP DOOR TO BE REMOVED IN ITS ENTIRETY. PATCH / REPAIR ADJACENT SURFACES TO MATCH EXISTING.
- 8 EXISTING LIGHTING TO BE REMOVED. SEE ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.
- 9 SPRINKLER TO BE REMOVED. SEE ELECTRICAL FOR ADDITIONAL INFORMATION.
- 10 NOT USED.
- 11 CEILING TO REMAIN - PROTECT FROM DAMAGE DURING CONSTRUCTION.
- 12 EXISTING STORAGE TO BE REMOVED AND RETURNED TO OWNER. PROTECT FROM DAMAGE DURING CONSTRUCTION.
- 13 EXISTING CEILING TILES AND GRID SYSTEM TO BE REMOVED IN THEIR ENTIRETY.

**GENERAL DEMOLITION NOTES**

- A DRAWINGS REPRESENT EXISTING CONDITIONS BASED ON LIMITED EXISTING AS-BUILT DRAWINGS AND SITE OBSERVATIONS. CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFICATIONS OF ALL ACTUAL CONDITIONS AND DIMENSIONS.
- B THE CONTRACTOR WILL BE PRESUMED TO HAVE INSPECTED THE SITE AND TO HAVE READ AND BE THOROUGHLY FAMILIAR WITH THE CONSTRUCTION DOCUMENTS AND SPECIFICATIONS. THE FAILURE OR OMISSION OF ANY CONTRACTOR TO EXAMINE ANY FORM, INSTRUMENT OR DOCUMENT SHALL IN NO WAY RELIEVE THE CONTRACTOR FROM ANY OBLIGATION IN RESPECT TO THIS PROJECT.
- C THIS SHEET INDICATES GENERALLY WHERE DEMOLITION OF EXISTING CONSTRUCTION IS TO OCCUR. THE DEMOLITION SHOWN ON THIS SHEET IS NOT INTENDED TO LIMIT OR FULLY DEFINE THE SCOPE OF ITEMS TO BE REMOVED, NOR IS IT INTENDED TO REPRESENT ALL EXISTING FEATURES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR SURVEYING THE AREA OF DEMOLITION IN ORDER TO BECOME FAMILIAR WITH EXISTING CONSTRUCTION WHERE DEMOLITION IS TO OCCUR. THE CONTRACTOR IS TO NOTIFY THE OWNER IN WRITING OF ANY CONFLICTING CONDITIONS AND DISCREPANCIES PRIOR TO START OF DEMOLITION.
- D DEMOLITION DRAWINGS MAY NOT INDICATE ALL ITEMS TO BE REMOVED OR TO REMAIN. COORDINATE DEMOLITION OF WALLS, EQUIPMENT, UTILITIES, ETC., AND ITEMS TO REMAIN WITH OTHER DISCIPLINES.
- E CONTRACTOR SHALL VERIFY ALL UTILITIES, INCLUDING BUT NOT LIMITED TO EXISTING SPRINKLER SYSTEM (DOWN OR NOT SHOWN ON CONSTRUCTION OR CUTTING INTO ANY WALL PERMANENT PROCEDURES ARE TO BE MADE TO RELOCATE OR BYPASS UTILITIES TO AVOID DISRUPTION OR SURFACING OF UTILITIES. CONTRACTOR SHALL NOT REQUEST ADDITIONAL CHARGES FOR SUCH UTILITIES THAT ARE CLEARLY VISIBLE (WITHOUT DEMOLITION).
- F PRIOR TO START OF DEMOLITION THE CONTRACTOR SHALL SURVEY THE AREA OF DEMOLITION IN THE PRESENCE OF THE OWNER REPRESENTATIVE(S) TO IDENTIFY EXISTING ITEMS TO BE SALVAGED, TO BE REMOVED AND REINSTALLED DURING CONSTRUCTION, DAMAGE OR OTHERWISE NOT IN "LIKE NEW" CONDITIONS. THOSE ITEMS AND THEIR CONDITION ARE TO BE LISTED IN A "DAMAGE SURVEY" ACCEPTED BY BOTH OWNER AND CONTRACTOR. ANY ITEM IDENTIFIED AS EXISTING TO REMAIN, TO BE SALVAGED, TO BE REMOVED AND REINSTALLED DURING CONSTRUCTION AND SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO REPAIR, OR REPLACE AT NO ADDITIONAL COST TO THE OWNER.
- G WHERE EXISTING WALL MOUNTED DEVICES, FIXTURES, EQUIPMENT, ETC., ARE SCHEDULED TO BE REMOVED, STORED AND REINSTALLED DURING CONSTRUCTION, CONTRACTOR SHALL COORDINATE STORAGE WITH OWNER AND SHALL PROTECT THOSE ITEMS FROM DAMAGE DURING CONSTRUCTION.
- H CONTRACTOR IS TO PROVIDE ALL PERMITS AND COMPLY WITH ALL APPLICABLE ORDINANCES, REGULATIONS AND CODES IN THE REMOVAL AND DISPOSAL OF MATERIAL. DISPOSAL OF ALL RUBBISH AND DEBRIS IS TO BE IN AN ENVIRONMENTALLY SAFE MANNER IN ACCORDANCE WITH ALL APPLICABLE LOCAL CODES AND JURISDICTIONS.



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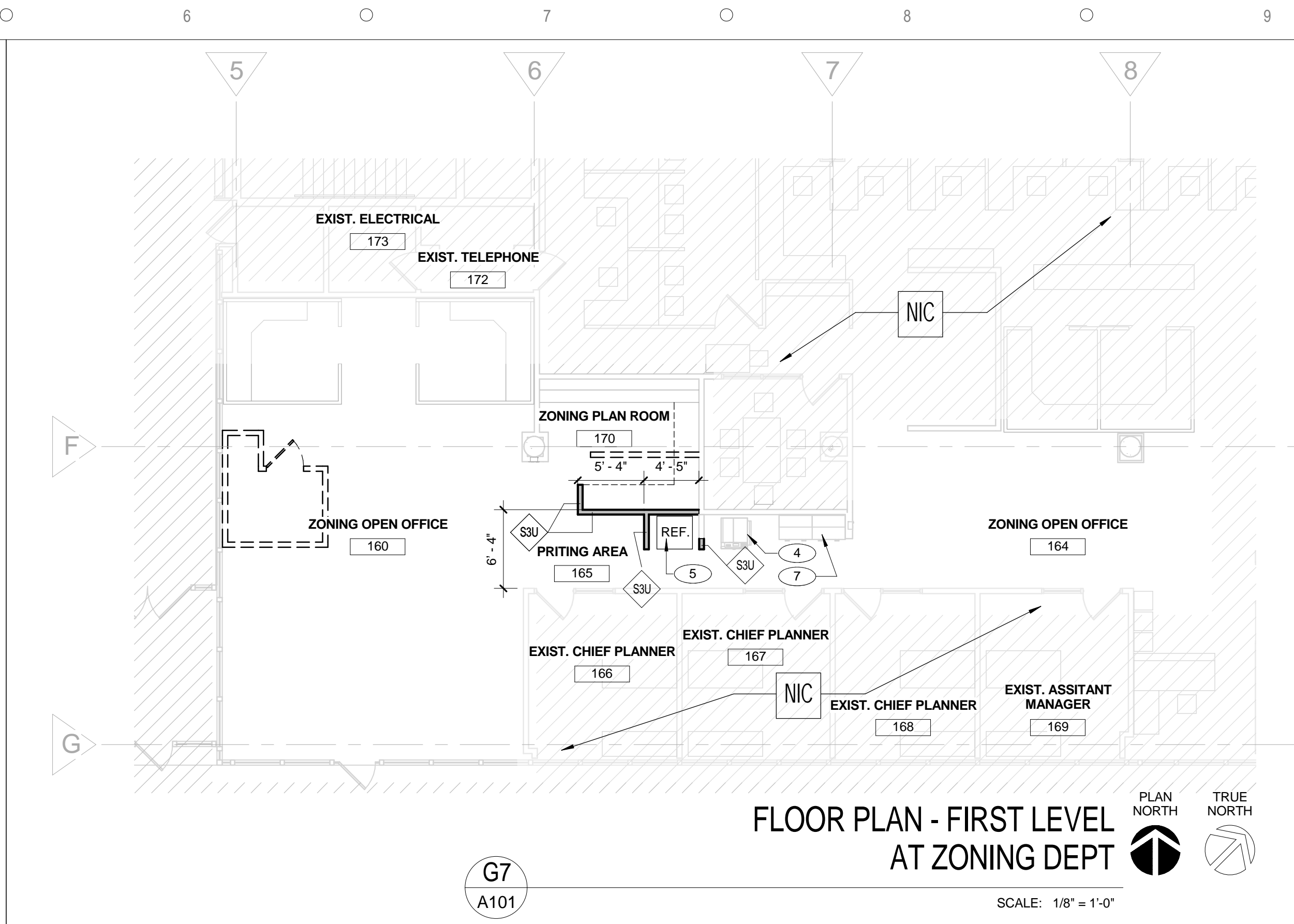
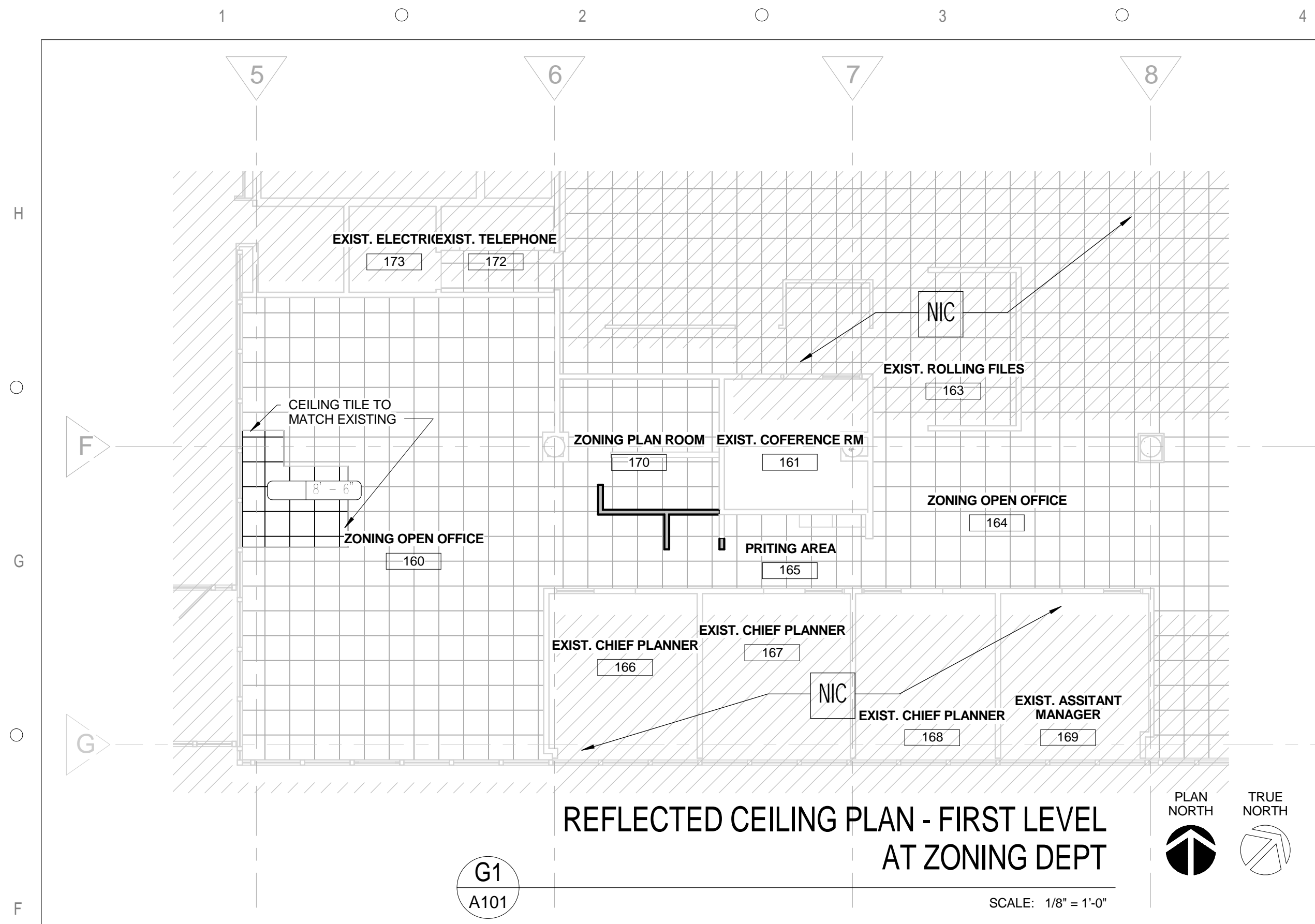
BID DOCUMENTS

DATE	SUBMISSION / REVISION	NO.

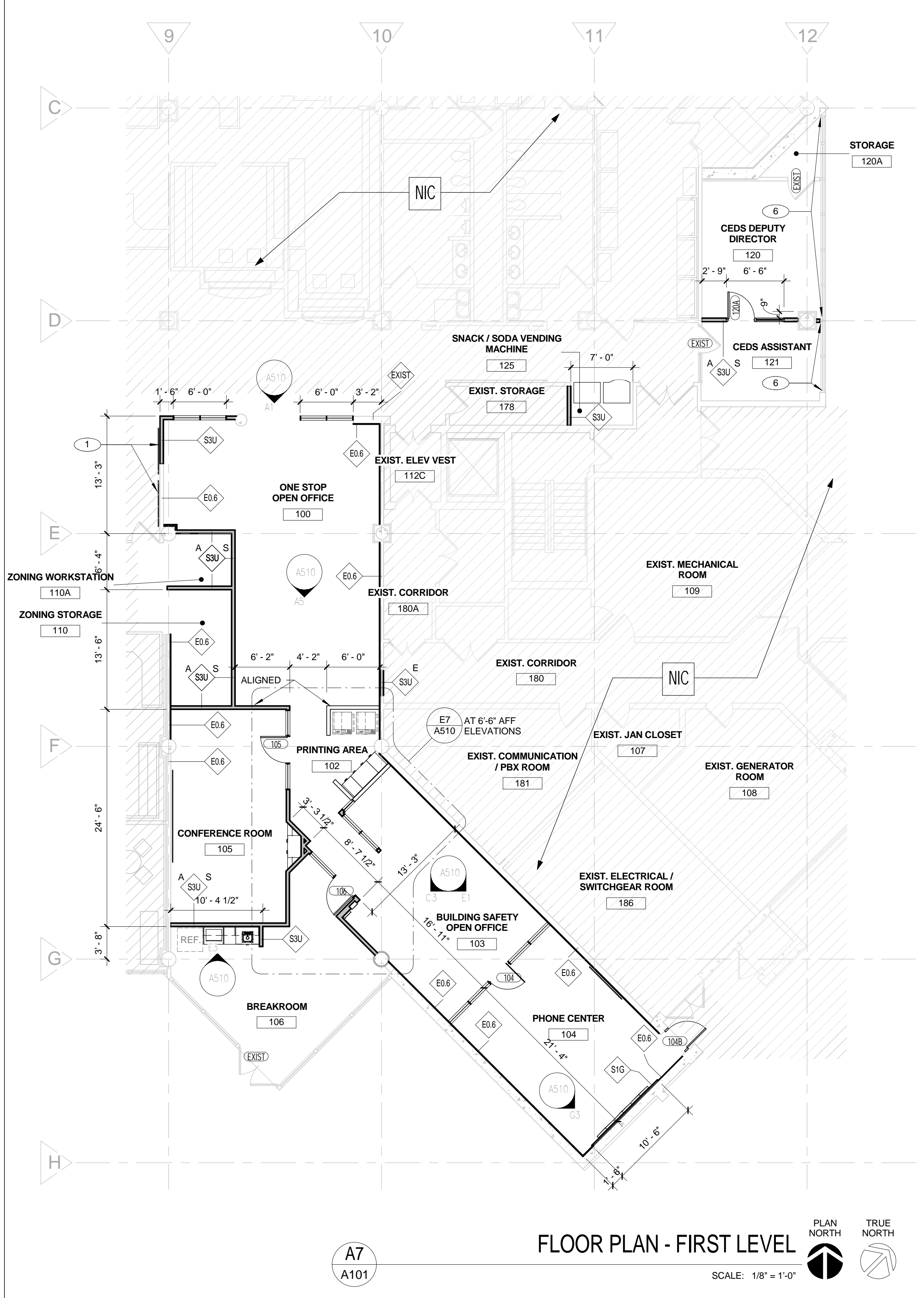
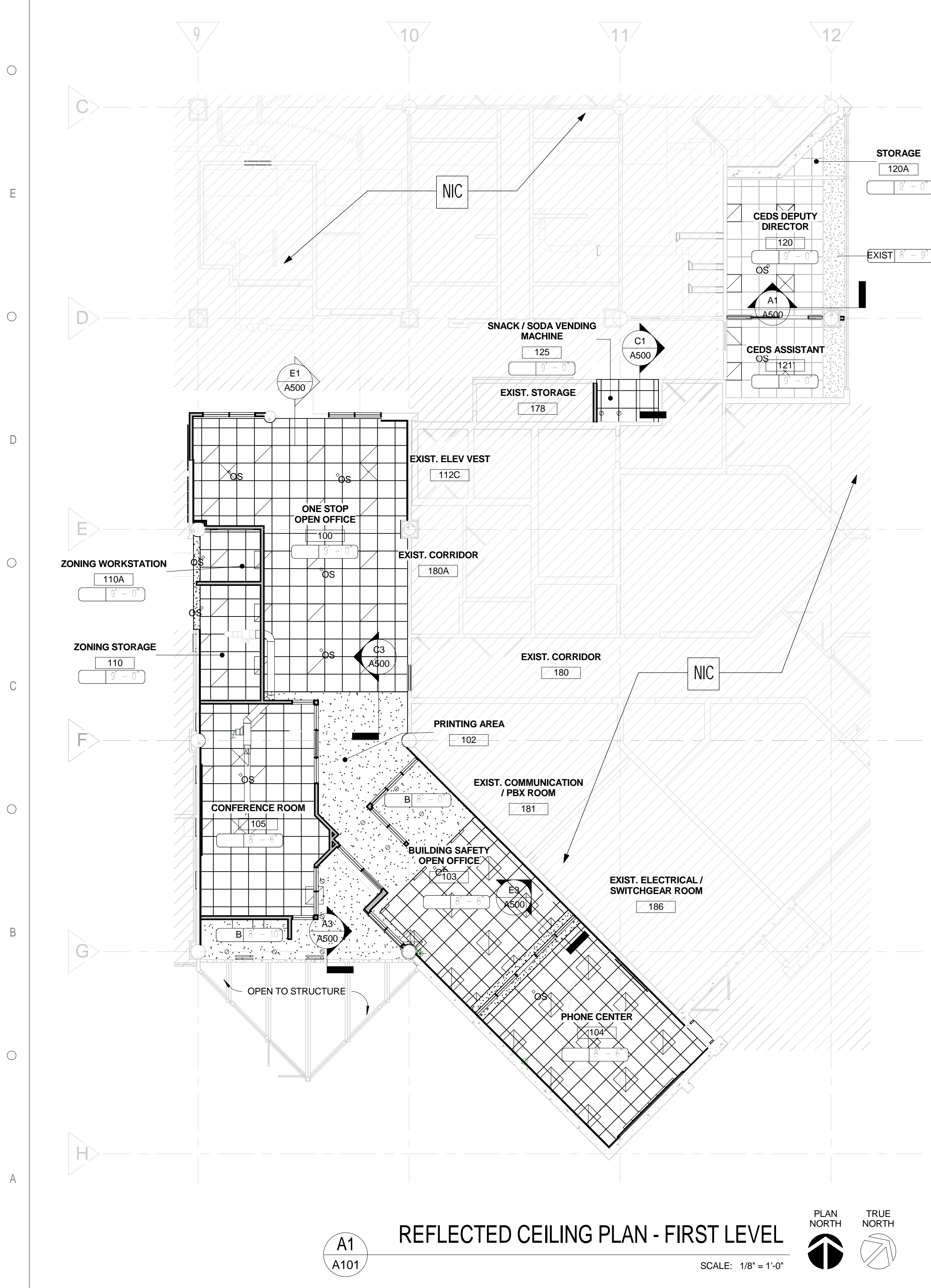
**DEMOLITION IMAGES - REFLECTED CEILING PLAN**

SCALE: AS INDICATED  
 DRAWN BY: LV  
 CHECK BY: MB  
 DATE: September 22, 2017  
 PROJECT NUMBER: 15012-0031

**AD103**



- FLOOR PLAN KEYNOTES**
- EXISTING MONITOR AND INFORMATION WALL RELOCATED.
  - SEMI-RECESSED FIRE EXTINGUISHER CABINET. REFER TO MOUNTING HEIGHTS ON ADD SHEET.
  - SEMI-RECESSED AED CABINET. REFER TO MOUNTING HEIGHTS ON AS10 SHEET.
  - EXISTING PRINTERS BY OWNER.
  - ALL APPLIANCES ARE OWNER FURNISHED AND CONTRACTOR INSTALLED.
  - WINDOW FILM TO BE INSTALLED AT THE EXISTING STOREFRONT GLAZING. BASIS OF DESIGN TO BE 3M SCOTCHSHIELD SAFETY AND SECURITY WINDOW FILM ULTRA NIGHT VISION SERIES - ULTRA PRESTIGE 50 - COMMERCIAL GRADE WITH ENERGY EFFICIENCY.
  - EXISTING CABINETS TO REMAIN.



**REFLECTED CEILING LEGEND**

- 2x2 RECESSED DIRECT / INDIRECT LED TROFFER
- 4 SUSPENDED DIRECT / INDIRECT LED LINEAR PENDANT
- 8 RECESSED LINEAR LED DIRECT WALL WASH FIXTURE
- SPRINKLER HEAD
- WIRELESS ACCESS POINT
- WALL MOUNTED EXIT SIGN LIGHT FIXTURE
- CEILING MOUNTED EXIT SIGN LIGHT
- WALL MOUNTED STROBE LIGHT
- WALL MOUNTED HORN STROBE LIGHT
- EXHAUST FAN
- HVAC DIFFUSER
- HVAC RETURN AIR
- ACCESS PANEL
- 2x2 CEILING GRID
- GYP. BD CEILING
- CEILING HEIGHT
- CEILING TYPE

**CEILING TYPES**

- A EXISTING TO REMAIN
- B GYP BD
- C ACT

**REFLECTED CEILING GENERAL NOTES**

- PROTECT EXISTING MECHANICAL UNITS AND DUCTWORK TO REMAIN DURING EXTENT OF CONSTRUCTION. COORDINATE WITH ENGINEER DRAWINGS AND SPECIFICATION MANUAL.
- EXISTING CEILING TO REMAIN. REPLACE EXISTING CEILING TILES AND GRID IF DAMAGED DURING CONSTRUCTION. MATCH EXISTING TILE.
- SPRINKLERS, EXIT SIGNS, AND SPEAKERS SHALL BE LOCATED IN ALIGNMENT WITH LIGHT FIXTURES AND OTHER CEILING ELEMENTS. WHERE THERE ARE NO LIGHT FIXTURES, AND/OR SPRINKLERS SHALL BE CENTERED IN CEILING TILE. SPRINKLERS SHALL BE FULLY CONCEALED WITH WHITE CAPS.
- THE CEILING GRID AND PARTITIONS SHALL BE ALIGNED AS SHOWN ON DRAWINGS.
- ACCESS PANELS SHALL BE IDENTIFIED TO ARCHITECT PRIOR TO THE INSTALLATION.
- COORDINATED WITH MECHANICAL UNITS, FIRE SPRINKLERS, STRUCTURAL BEAMS, AND LIGHT FIXTURES AGAINST EXISTING CONDITIONS. VERIFY THAT DIMENSIONS ARE CONSISTENT WITH REQUIREMENTS INDICATED IN THE DOCUMENTS. REFER ANY DIMENSIONAL INCONSISTENCIES TO THE ARCHITECT FOR RESOLUTION PRIOR TO THE START OF PARTITION CONSTRUCTION.
- ALL SECURITY ITEMS ARE TO BE COORDINATED WITH OWNER.

**FLOOR PLAN LEGEND**

- DOOR REFER TO DOOR SCHEDULE
- LOUVER TYPE REFER TO DOOR SCHEDULE
- DOOR NUMBER REFER TO DOOR SCHEDULE
- PARTITION TYPE INDICATOR REFER TO G040 FOR PARTITION TYPES

**FLOOR PLAN GENERAL NOTES**

- FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO START OF WORK. NOTIFY ARCHITECT IN WRITING OF ANY DISCREPANCIES PRIOR TO START OF CONSTRUCTION.
- PROTECT ALL EXISTING ITEMS TO REMAIN FROM DAMAGE. CONTRACTOR SHALL BEAR ALL COSTS FOR REPAIRING, REPLACING, REFINISHING ITEMS OF EXISTING INCLUDING FIRE SMOKE RATING IF DAMAGE DURING CONSTRUCTION.
- EXISTING FIRE AND SMOKE RATINGS TO BE MAINTAINED AT ALL TIMES. AREAS ARE TO BE PATCH AND REPAIR FROM ANY DAMAGES TO EXISTING CONDITIONS - REPAIRS MUST MEET OWNER'S SATISFACTION.
- DOOR, WINDOW AND/OR FIRE RATING INFORMATION, STENCILS AND LABELS ARE NOT TO BE PAINTED OVER OR COVERED. ENSURE TO REPAIR AND REPLACE DAMAGED OR COVERED LABELS IF DAMAGE DURING CONSTRUCTION.
- PROVIDE, ERECT AND MAINTAIN TEMPORARY PARTITIONS, BARRIERS, GUARD RAILS AND OTHER SAFETY ITEMS AS REQUIRED BY REGULATORY AGENCIES, AS REQUIRED TO PROTECT OCCUPANTS OR AS NECESSARY TO PROTECT MATERIALS, SURFACES AND FINISHES.
- EXTREME CARE AND CAUTION SHOULD BE TAKEN WHEN CUTTING INTO EXISTING WALLS, SLAB AND ROOF TO AVOID DAMAGING THE STRUCTURAL INTEGRITY OF THESE AREAS. DOCUMENT ALL WALLS, ROOF CUTS AND SLAB CUTS WHERE REINFORCING MEMBERS ARE CUT. REPLACE, RESTORE AND MAINTAIN STRUCTURAL PERFORMANCE WHERE THE STRUCTURAL SYSTEM HAS BEEN COMPROMISED.
- VERIFY ALL UTILITIES (SHOWN OR NOT SHOWN ON CONSTRUCTION DOCUMENTS) THAT ARE TO REMAIN PRIOR TO DEMOLITION OR CUTTING INTO ANY WALL OR SLAB. PERMANENT PROCEDURES ARE TO BE MADE TO REROUTE OR BYPASS UTILITIES THAT ARE CLEARLY VISIBLE (WITHOUT DEMOLITION).
- WHERE SURFACE MOUNTED ITEMS ARE REMOVED FROM WALLS (SIGNAGE, RACEWAYS, EQUIPMENT, ETC) PATCH AND REPAIR WALLS AS REQUIRED TO MATCH EXISTING ADJACENT FINISHES.
- COMPLY WITH ALL ADA STANDARDS AND REQUIREMENTS.
- PRIOR TO COMMENCEMENT OF CONSTRUCTION, PROVIDE ALL PERMITS AND COMPLY WITH ALL APPLICABLE ORDINANCES, REGULATIONS AND CODES IN THE REMOVAL AND DISPOSAL OF MATERIALS. DISPOSAL OF ALL RUBBISH AND DEBRIS IS TO BE IN AN ENVIRONMENTALLY SAFE MANNER IN ACCORDANCE WITH ALL APPLICABLE LOCAL CODES AND JURISDICTIONS.
- HATCHED AREAS INDICATE AREAS AND ITEMS NOT IN SCOPE OF WORK. NIC. COORDINATE WITH OTHER DISCIPLINES DRAWINGS FOR FULL EXTENT OF SCOPE.



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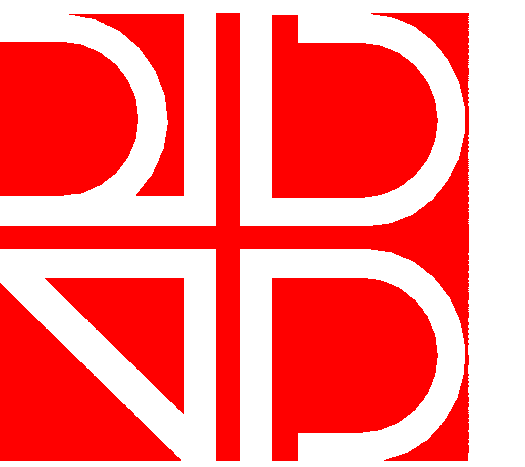
BID DOCUMENTS

DATE	SUBMISSION / REVISION	NO.

**FLOOR PLAN AND REFLECTED CEILING PLAN**

SCALE: AS INDICATED  
 DRAWN BY: MA / AC  
 CHECK BY: AC / MB  
 DATE: September 22, 2017  
 PROJECT NUMBER: 15012-0031

**A101**



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WALL AND CEILING  
DETAILS

SCALE: AS INDICATED

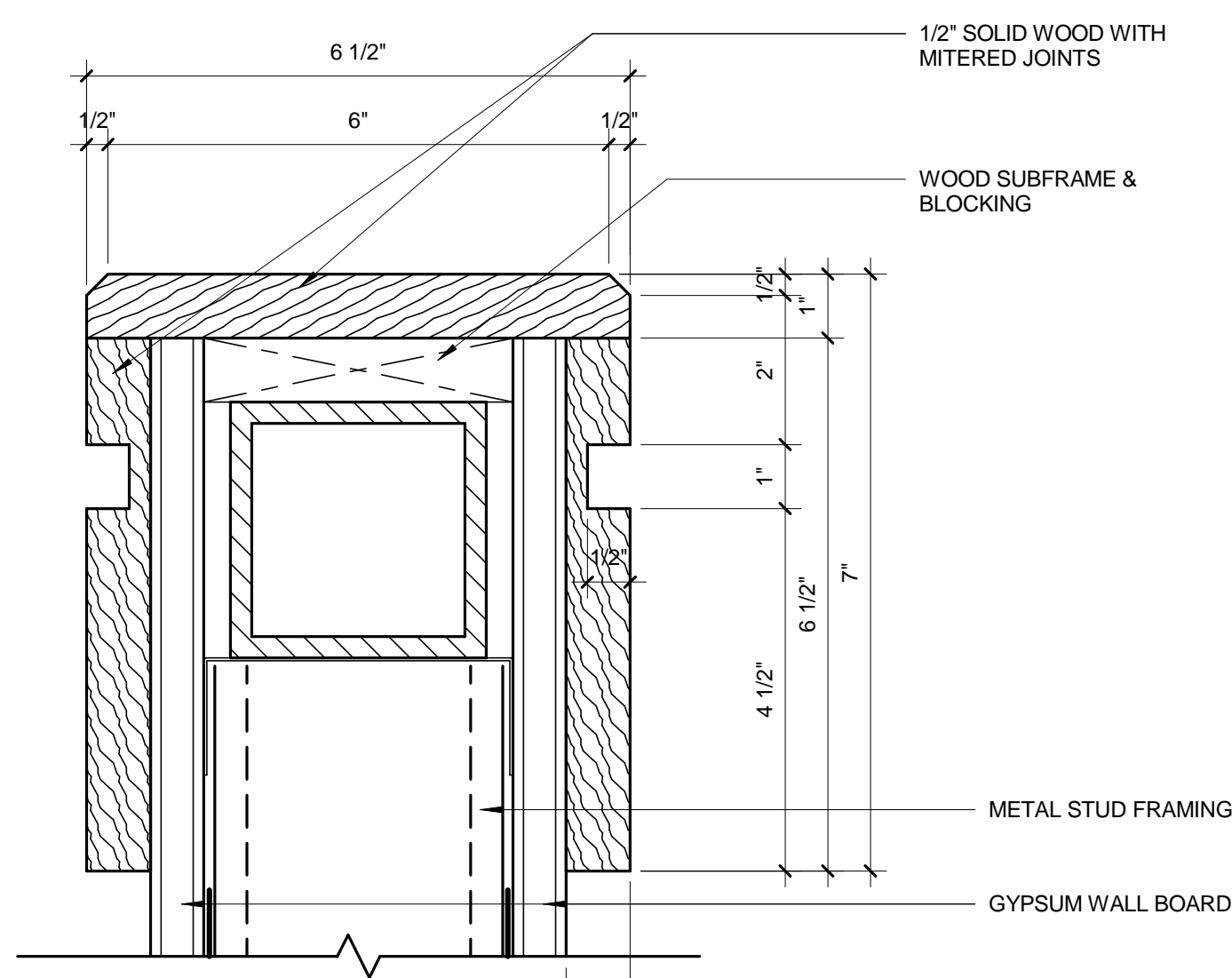
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DATE: September 22, 2017

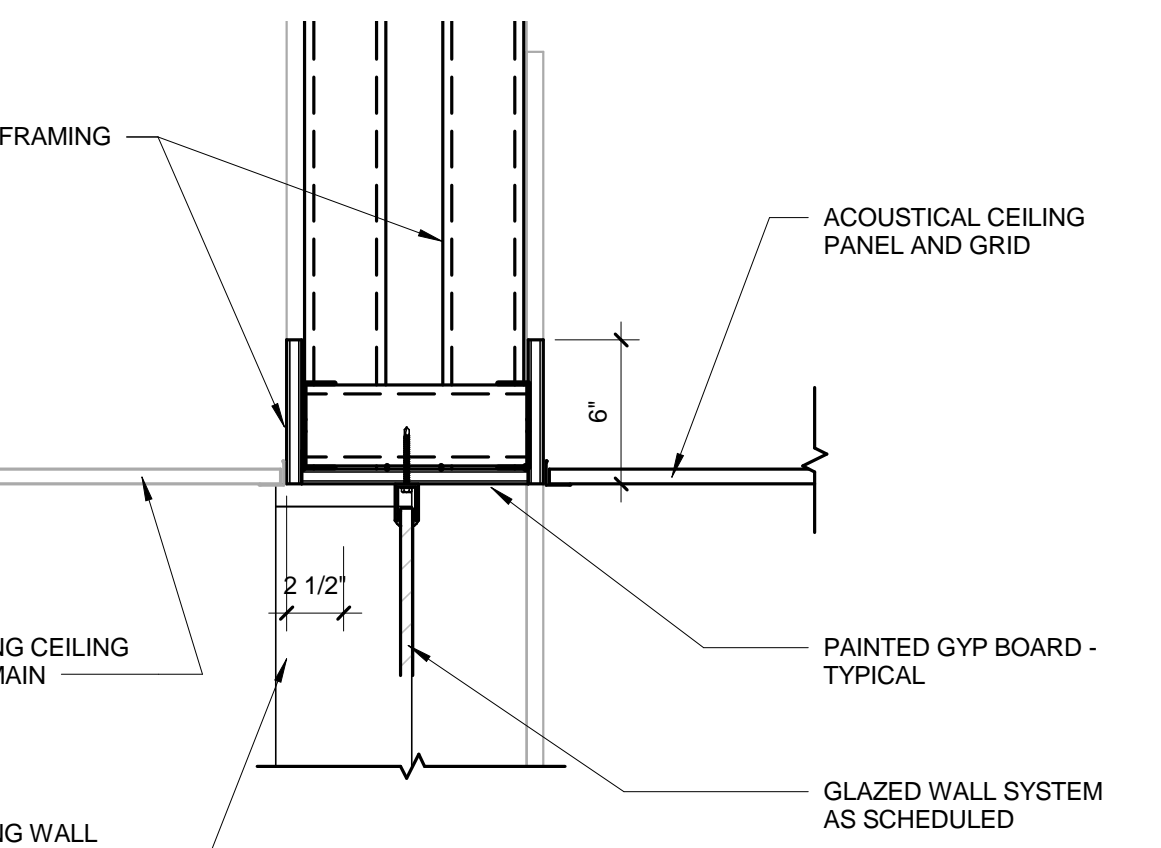
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**A500**



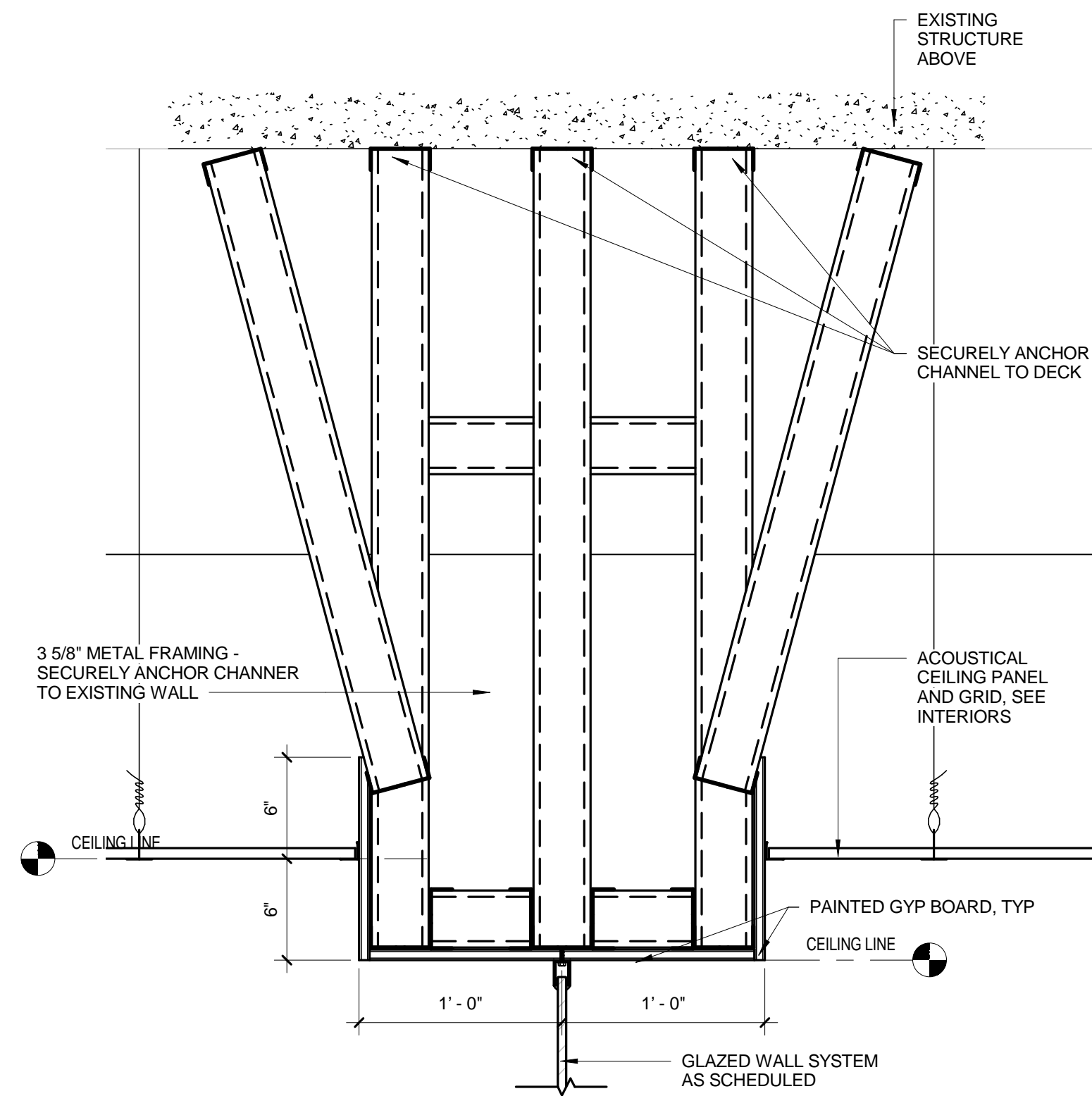
**WALL CAP DETAIL**

G1 A500 SCALE: 6" = 1'-0"



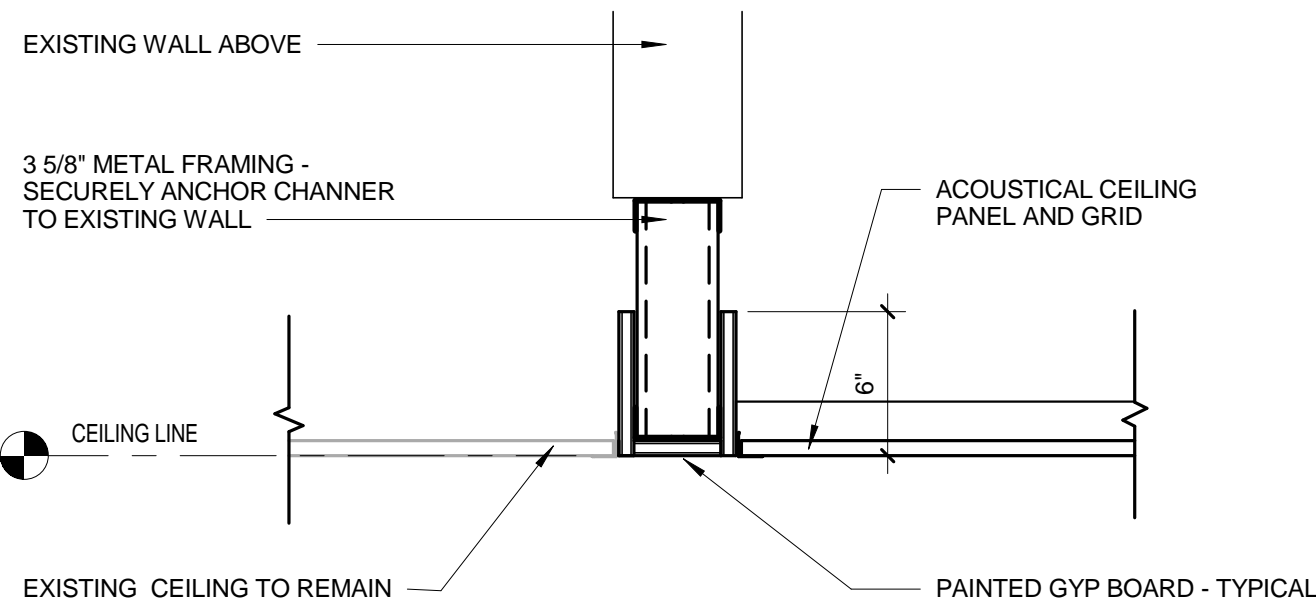
**CEILING DETAIL**

E1 A500 SCALE: 1 1/2" = 1'-0"



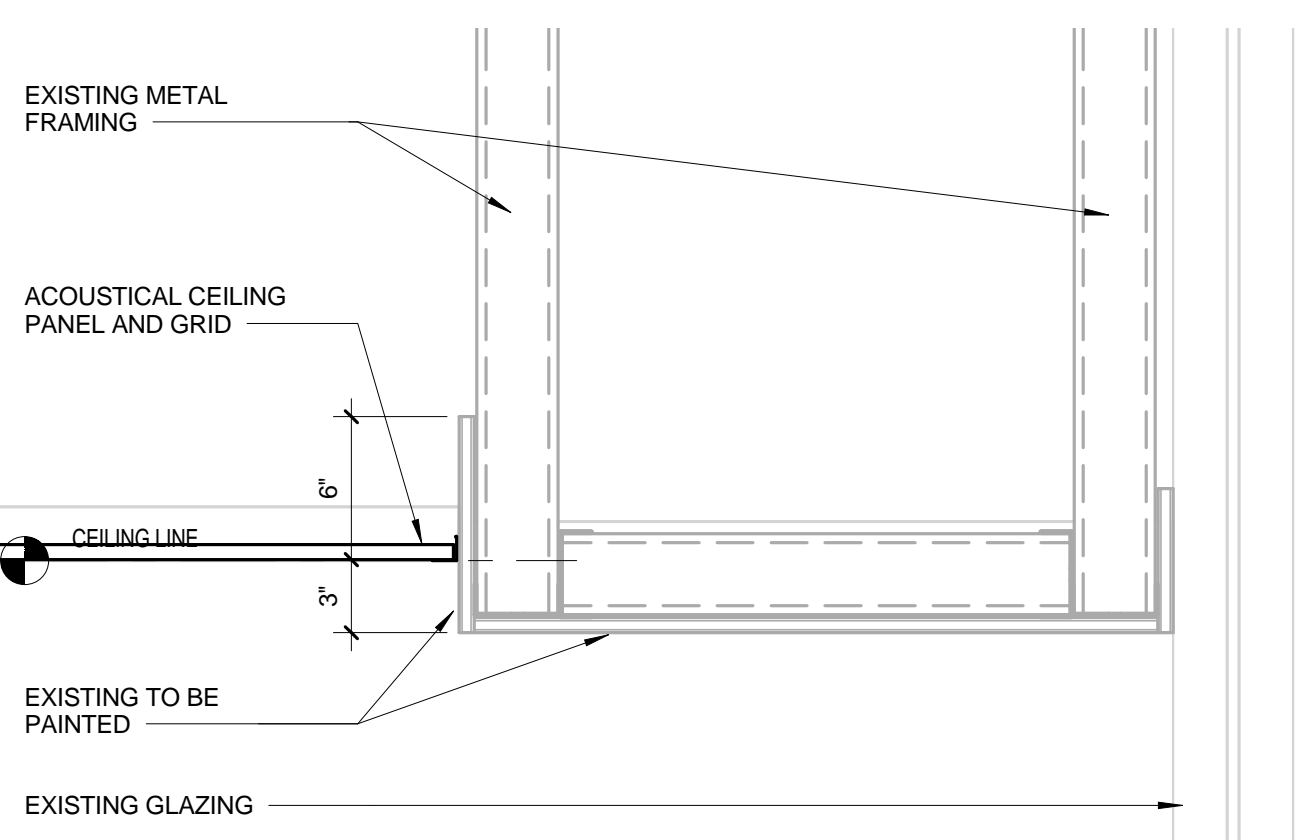
**CEILING DETAIL**

E3 A500 SCALE: 1 1/2" = 1'-0"



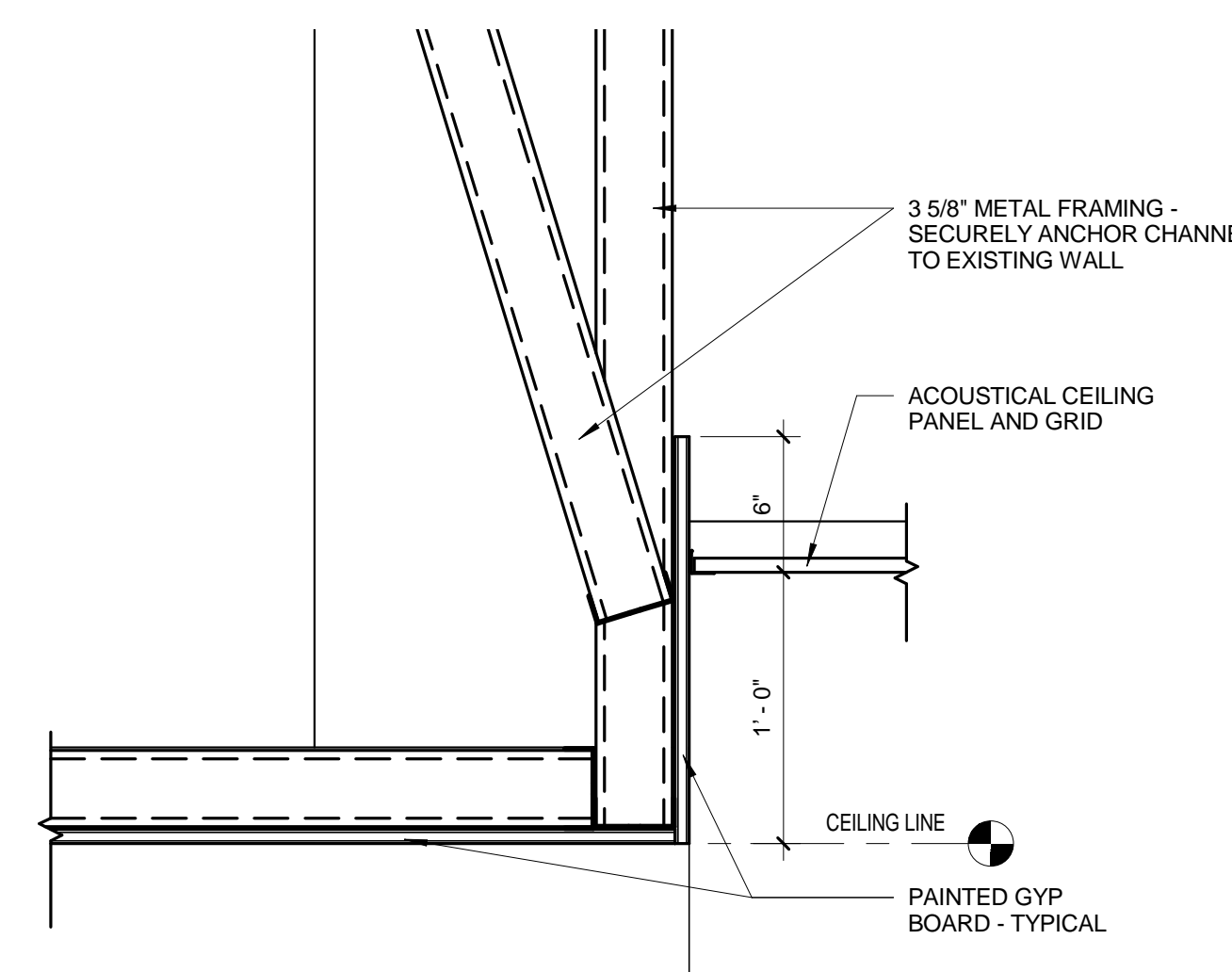
**CEILING DETAIL - BULKHEAD**

C1 A500 SCALE: 1 1/2" = 1'-0"



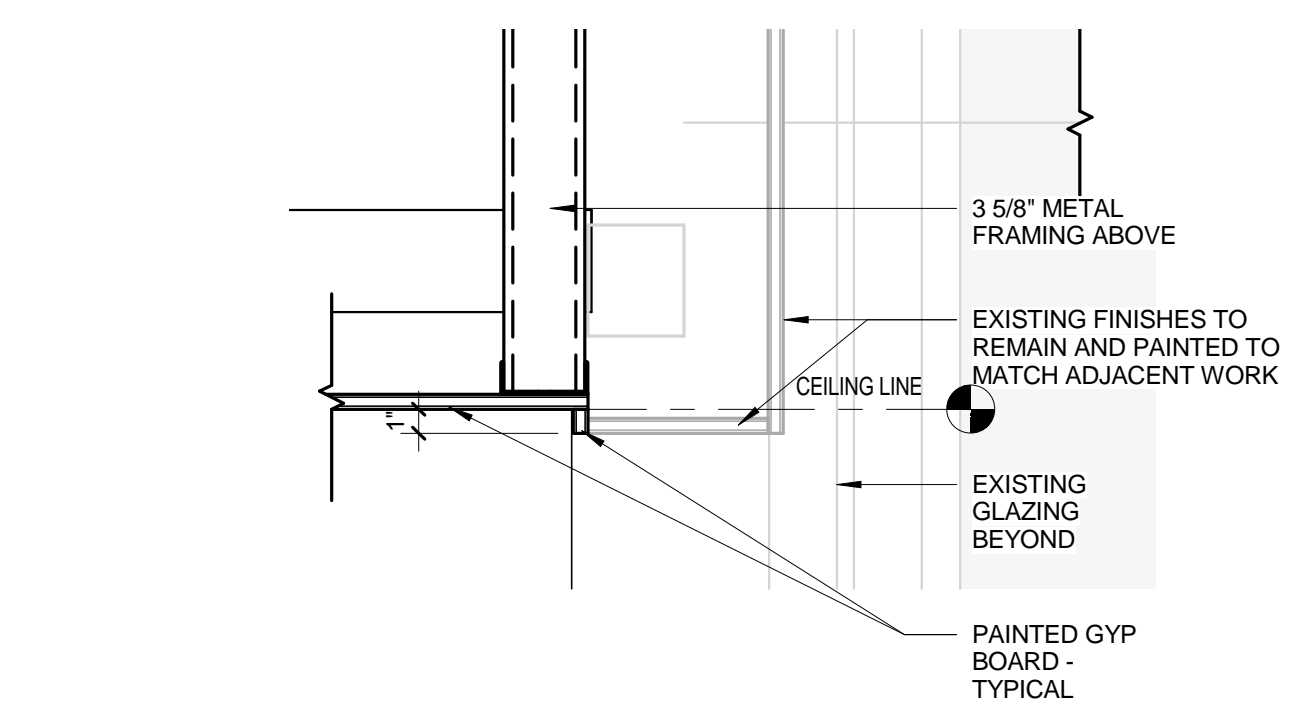
**CEILING DETAIL - BULKHEAD**

A1 A500 SCALE: 1 1/2" = 1'-0"



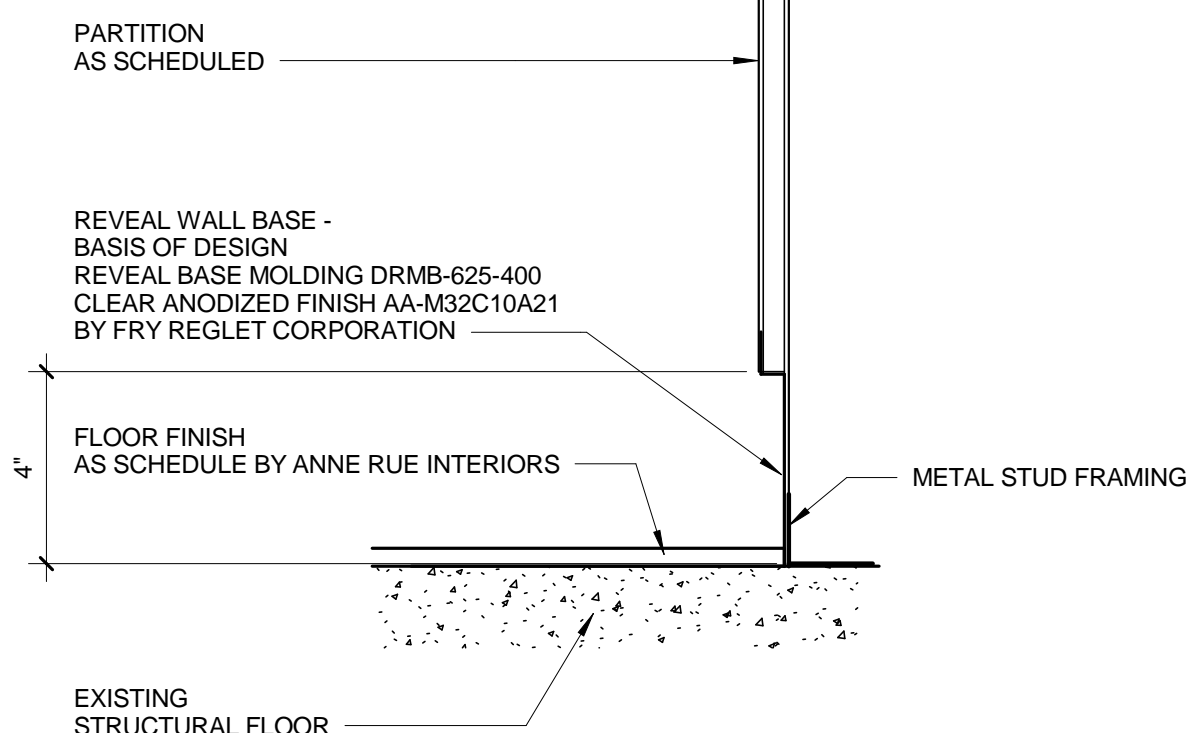
**CEILING DETAIL**

C3 A500 SCALE: 1 1/2" = 1'-0"



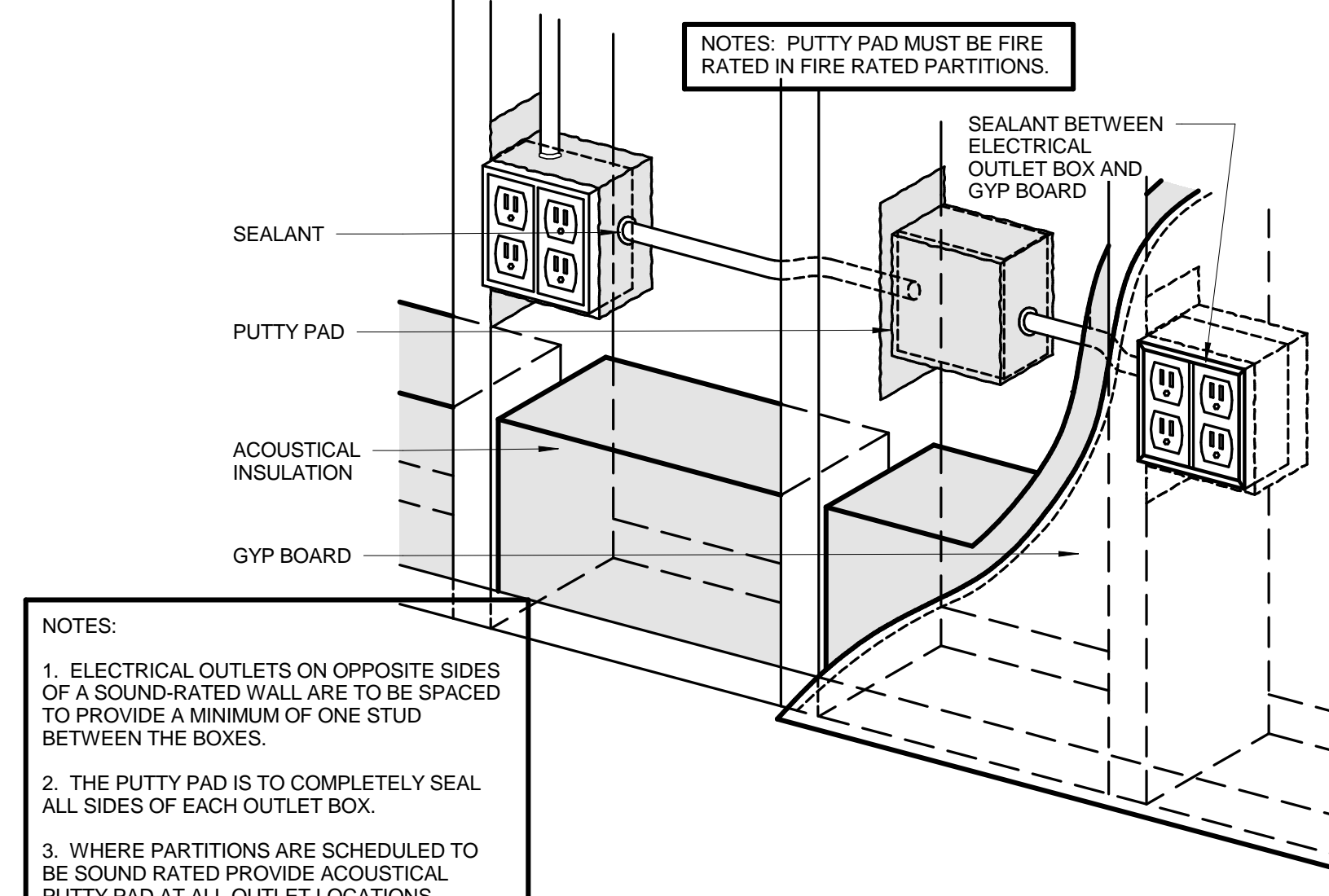
**CEILING DETAIL**

A3 A500 SCALE: 1 1/2" = 1'-0"



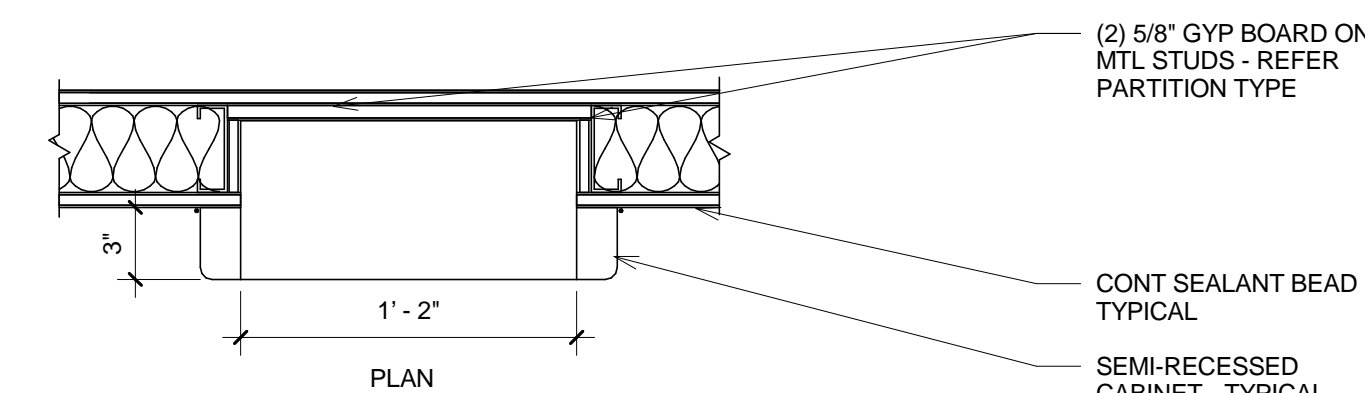
**NO BASE WALL DETAIL**

C5 A500 SCALE: 3" = 1'-0"



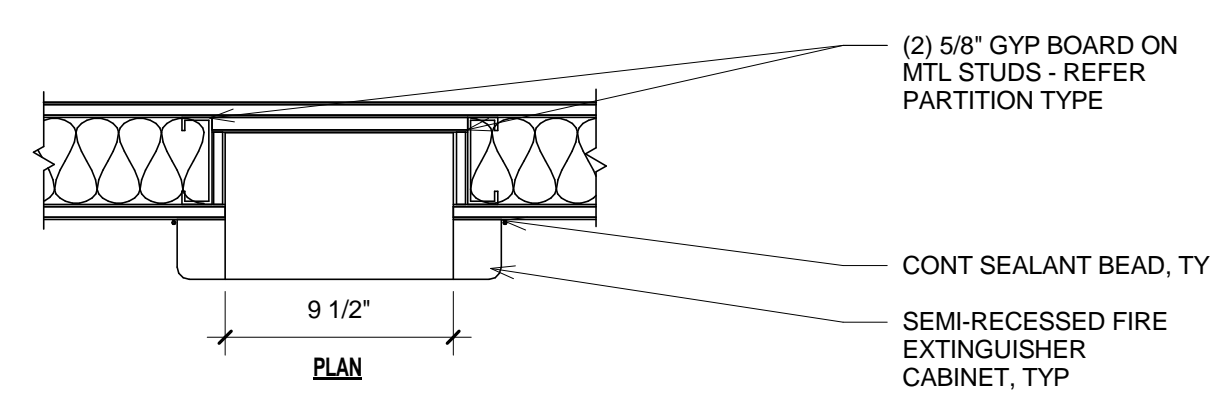
**SOUND ATTENUATION DETAIL**

A5 A500 SCALE: 1 1/2" = 1'-0"



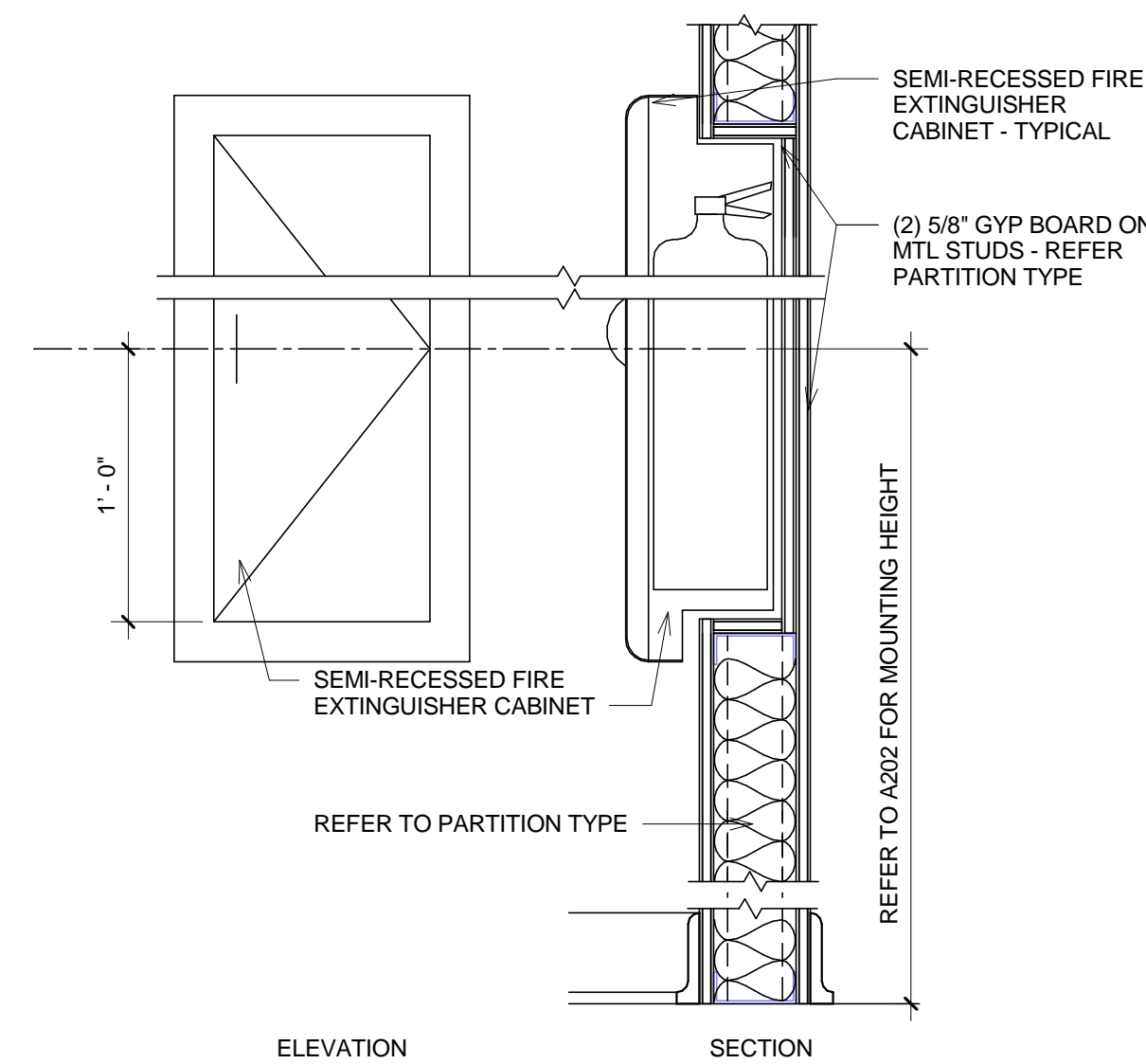
**SEMI-RECESSED AED CABINET**

G7 A500 SCALE: 1 1/2" = 1'-0"



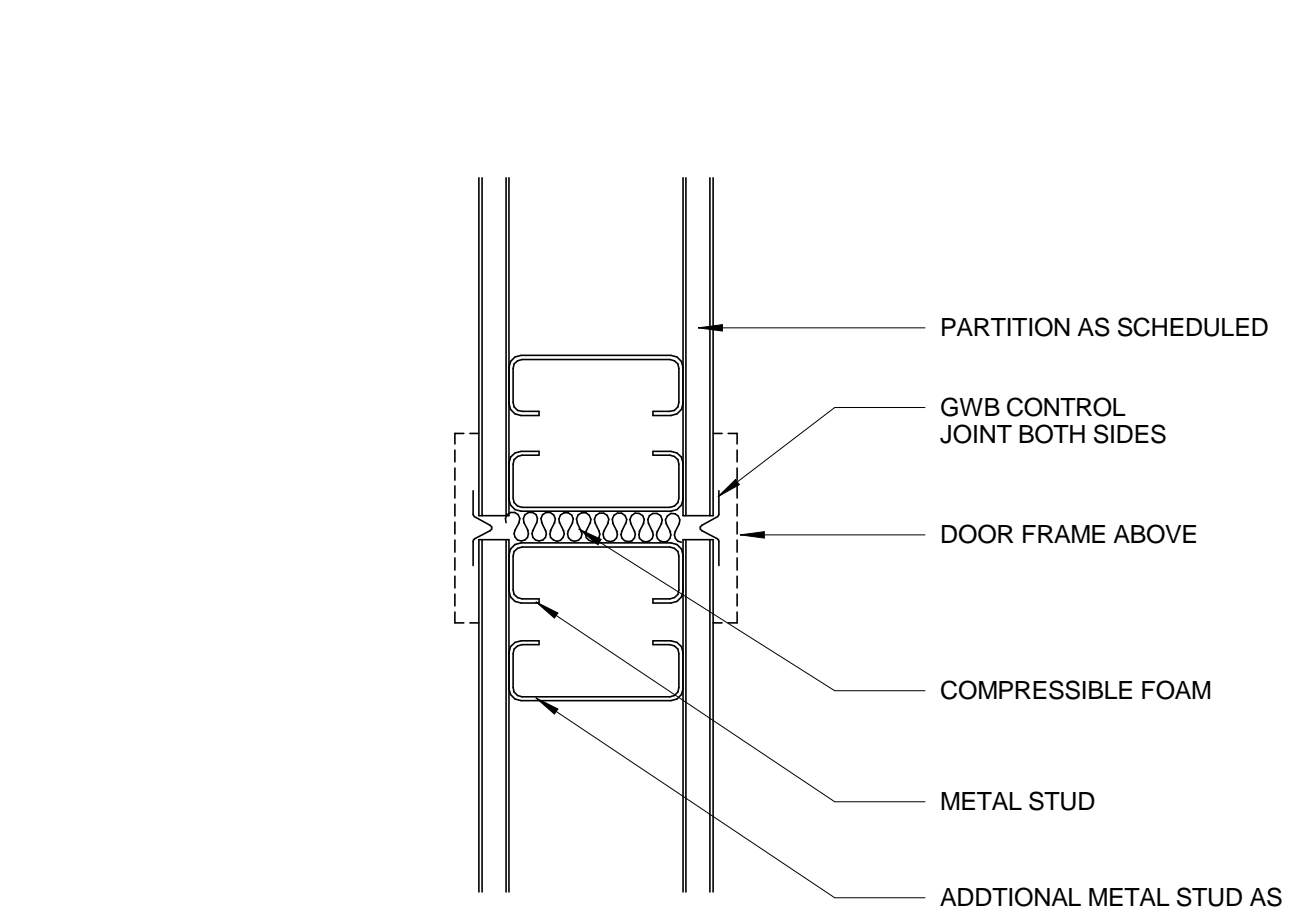
**SEMI-RECESSED  
FIRE EXTINGUISHER CABINET**

C7 A500 SCALE: 1 1/2" = 1'-0"



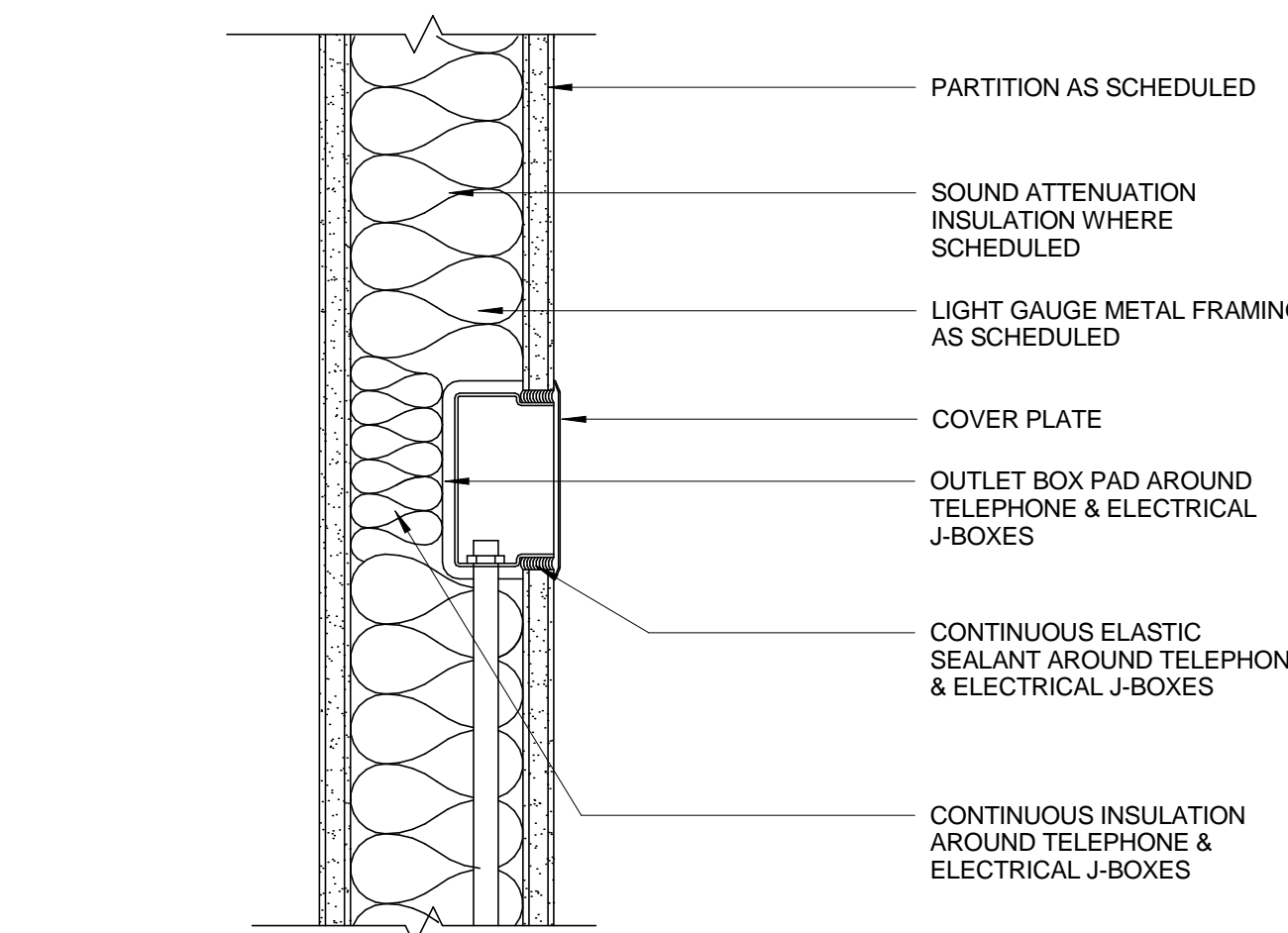
**SEMI-RECESSED  
FIRE EXTINGUISHER CABINET**

E7 A500 SCALE: 1 1/2" = 1'-0"



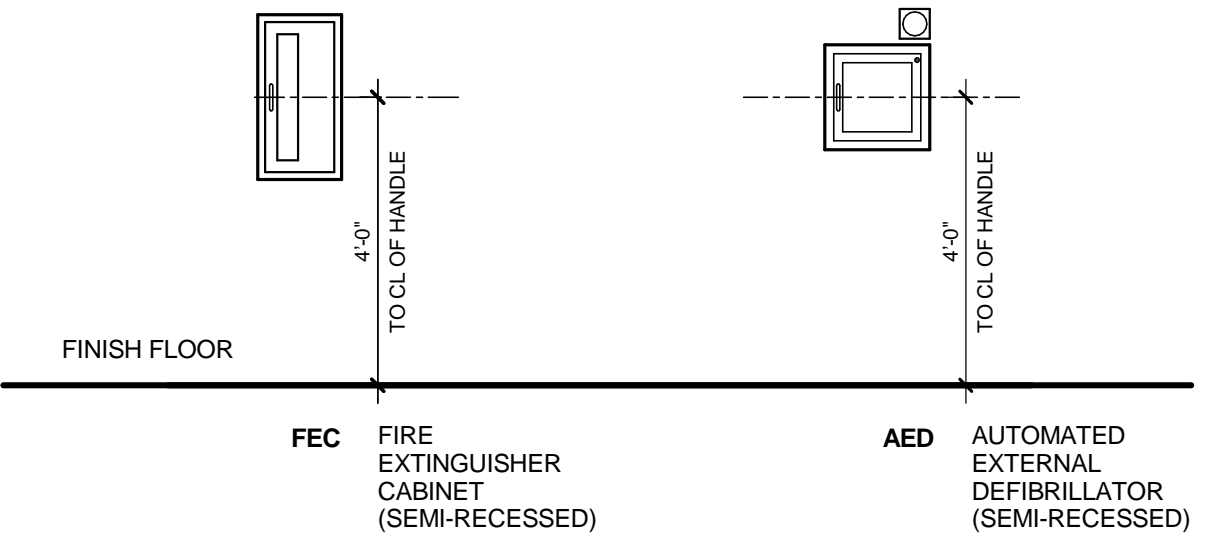
**CONTROL JOINT GYP BOARD WALL**

G9 A500 SCALE: 3" = 1'-0"



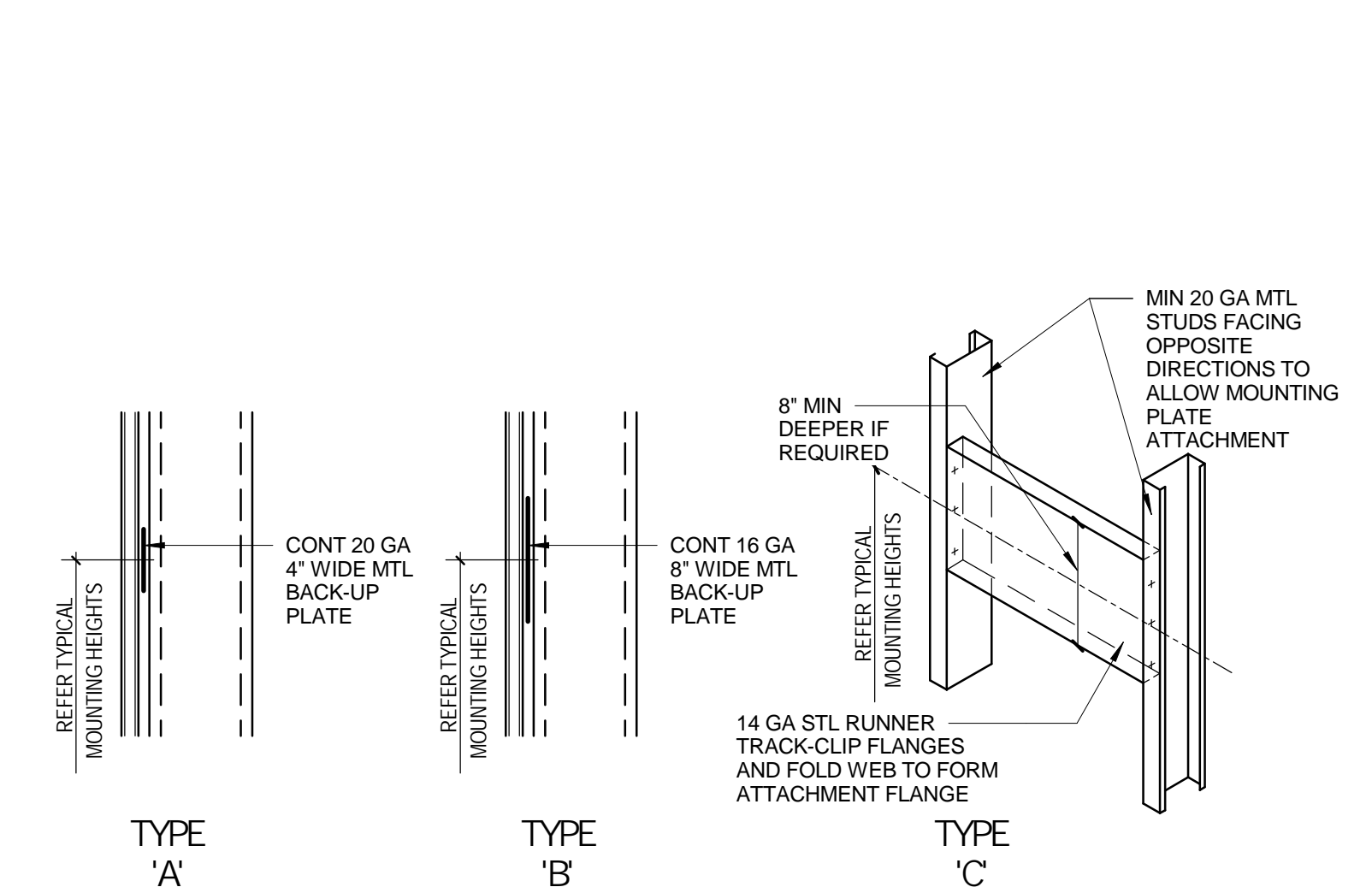
**GYP BOARD PARTITION**

E9 A500 SCALE: 3" = 1'-0"



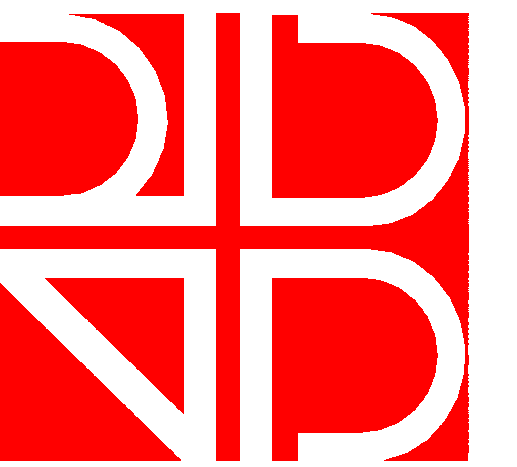
**MOUNTING HEIGHTS**

C9 A500 SCALE: 3/8" = 1'-0"



**EQUIPMENT MOUNTING DETAILS**

A9 A500 SCALE: 1/4" = 1'-0"



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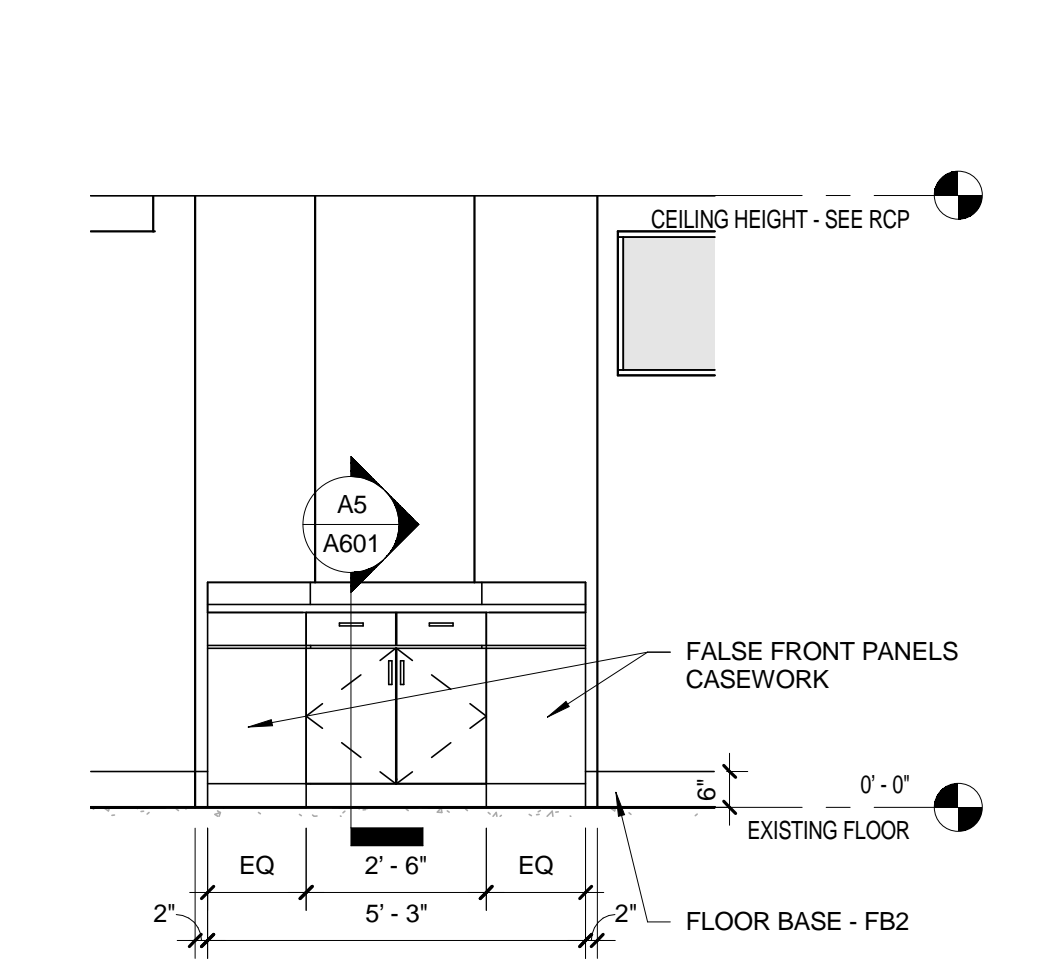
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ENLARGED FLOOR  
PLAN AND ELEVATIONS

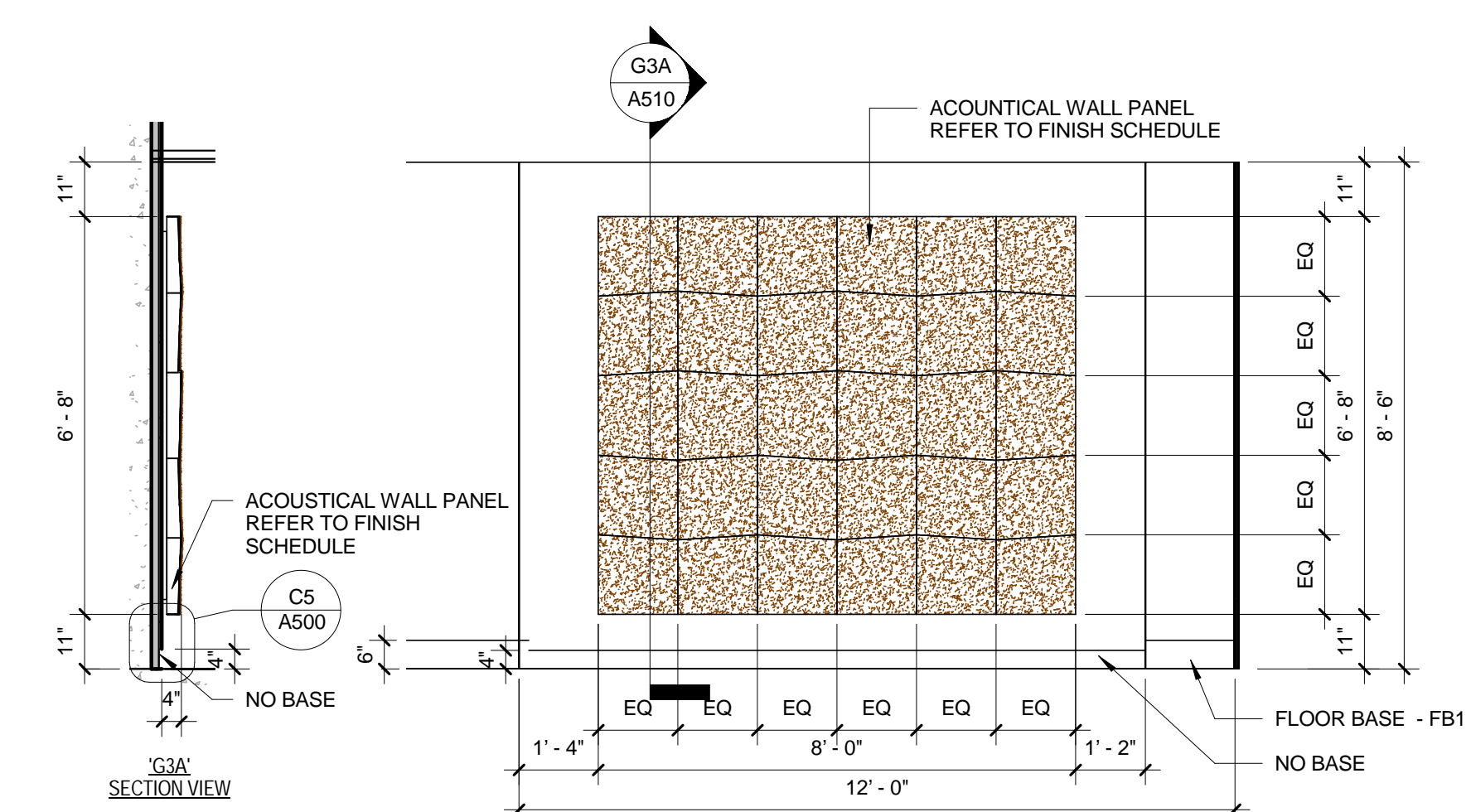
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**A510**



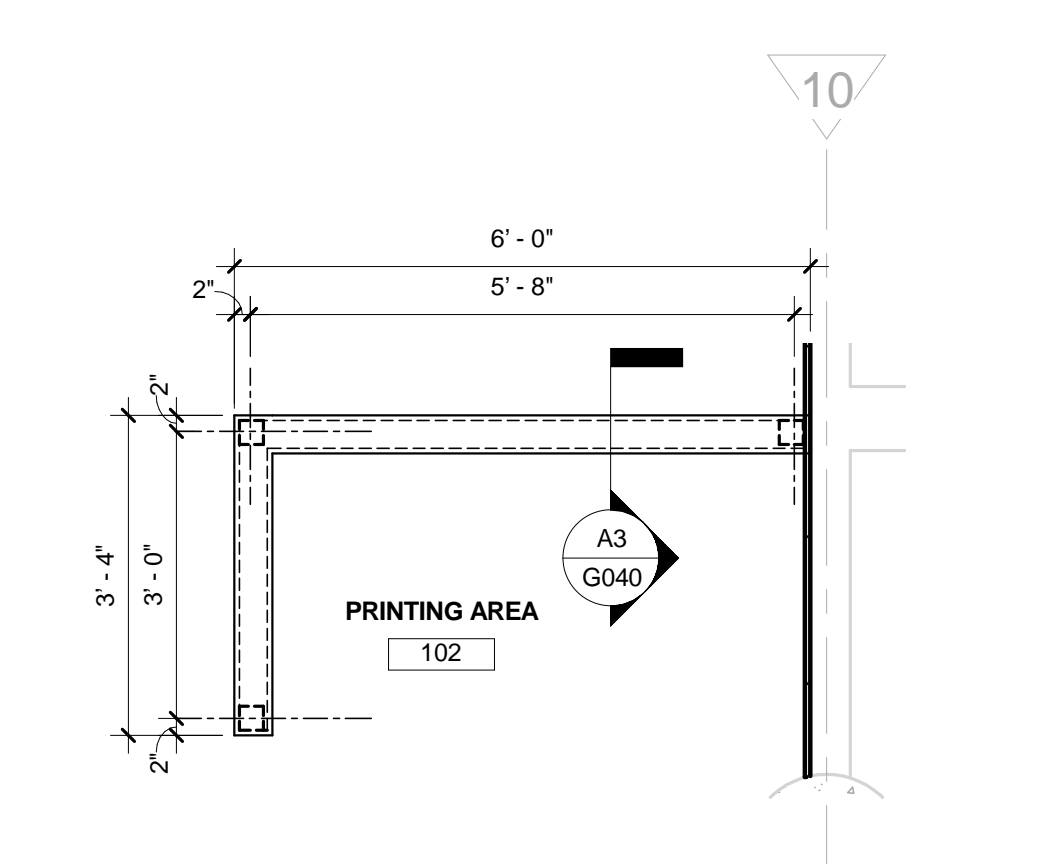
**G1**  
INTERIOR ELEVATION

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



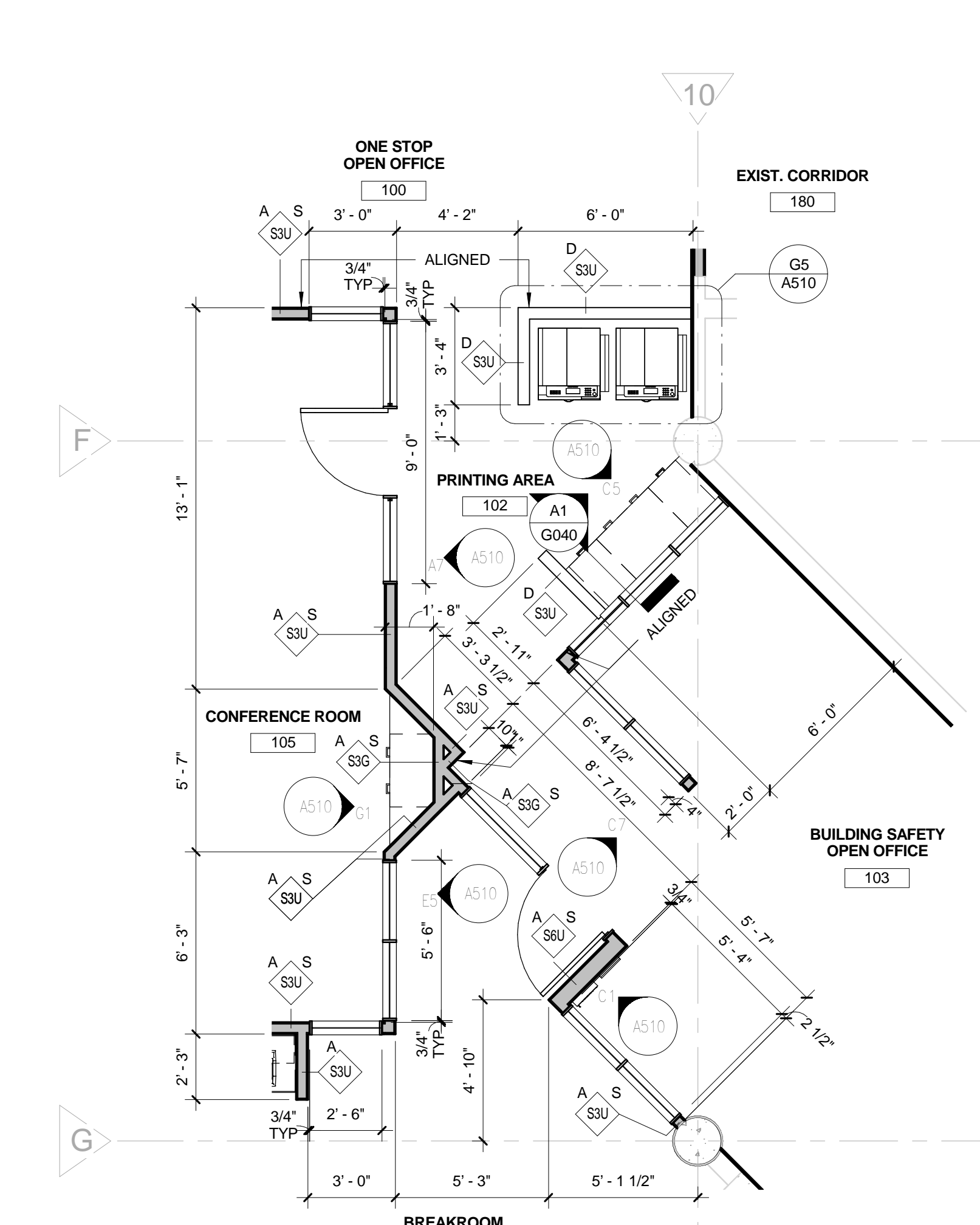
**G3**  
INTERIOR ELEVATION

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



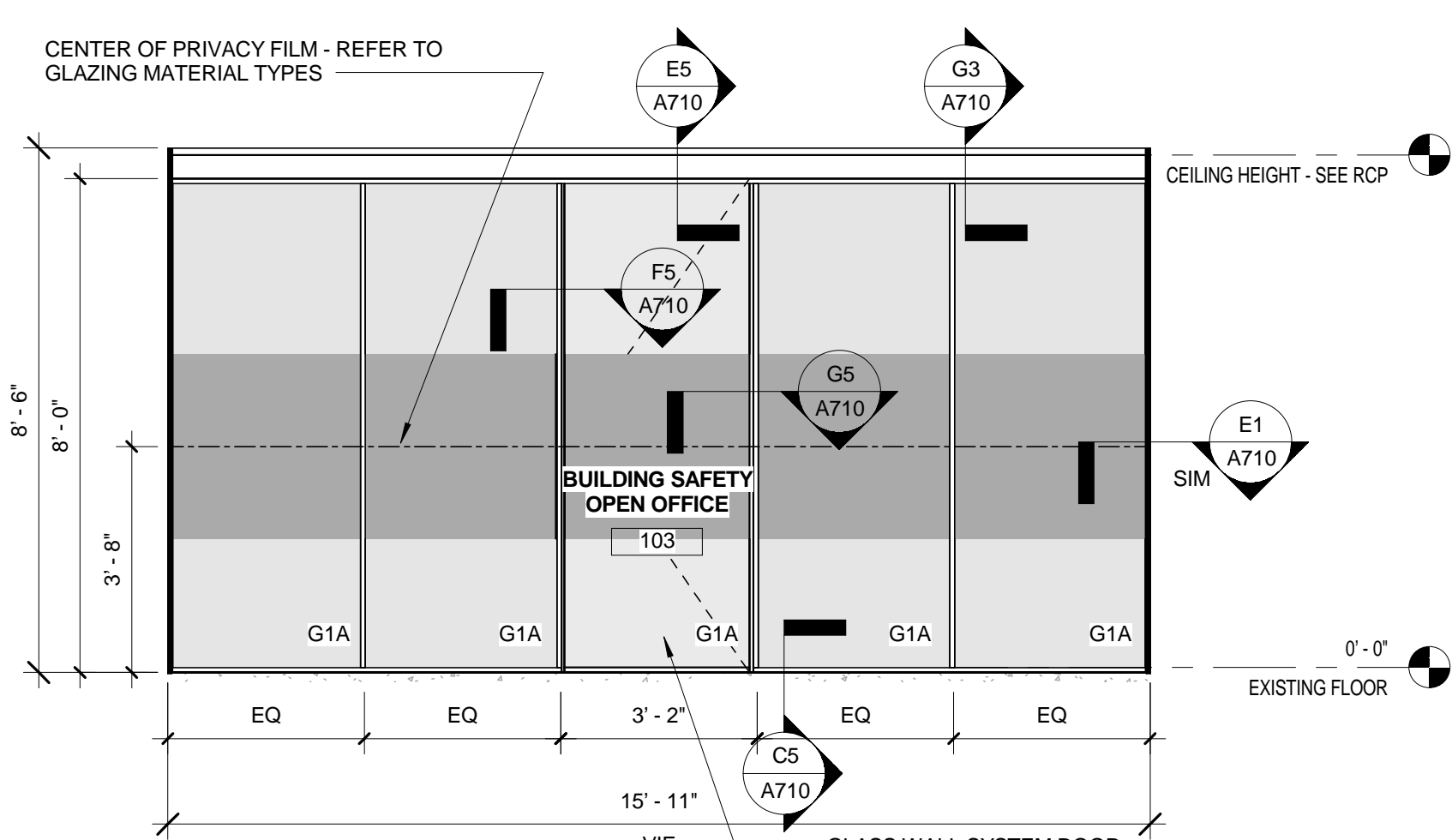
**G5**  
LOW WALL STRUCTURAL SUPPORT PLAN -  
TYPICAL

SCALE: 1/2" = 1'-0"



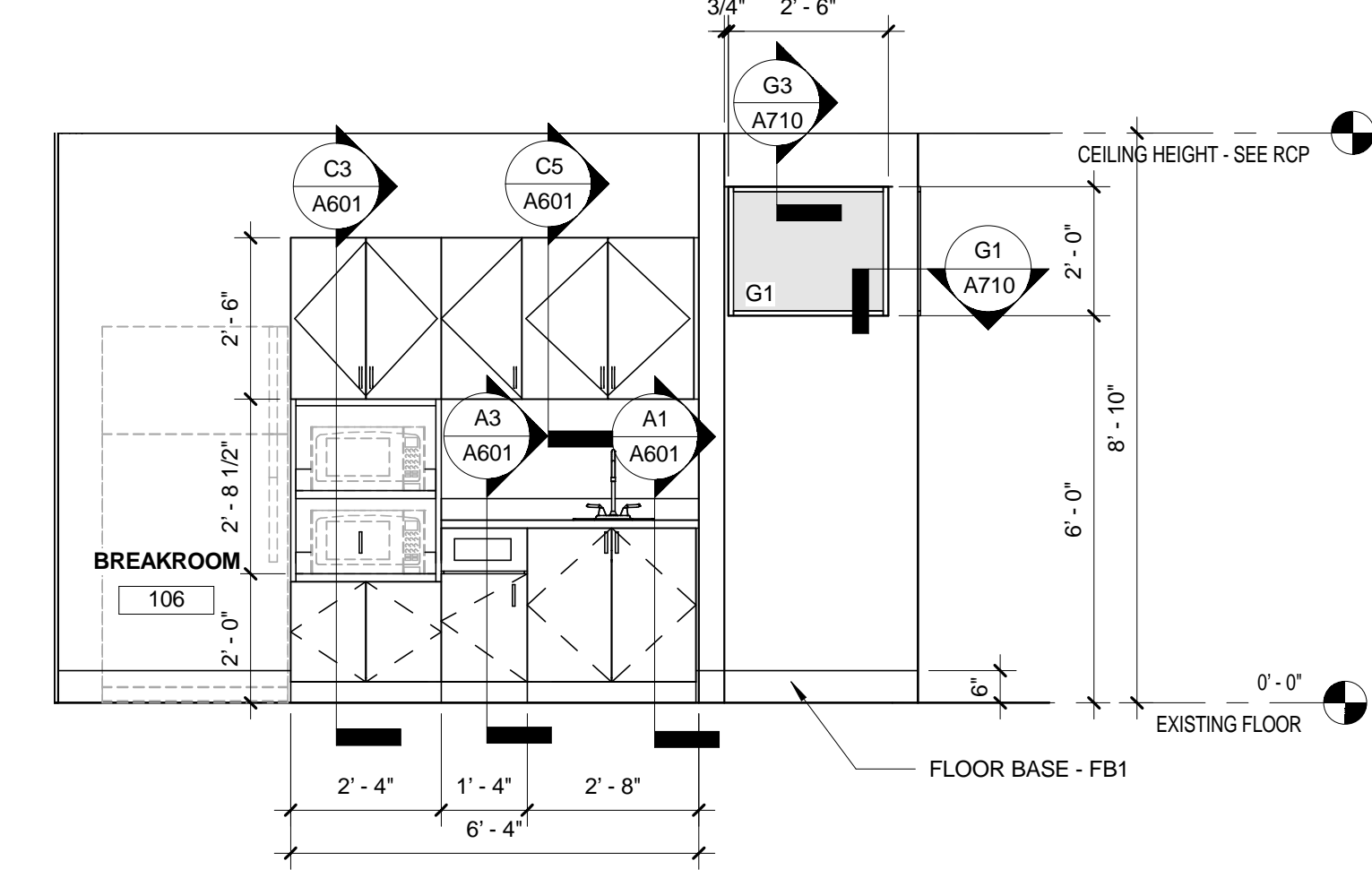
**E7**  
ENLARGED FLOOR PLAN - FIRST LEVEL

SCALE: 1/4" = 1'-0"



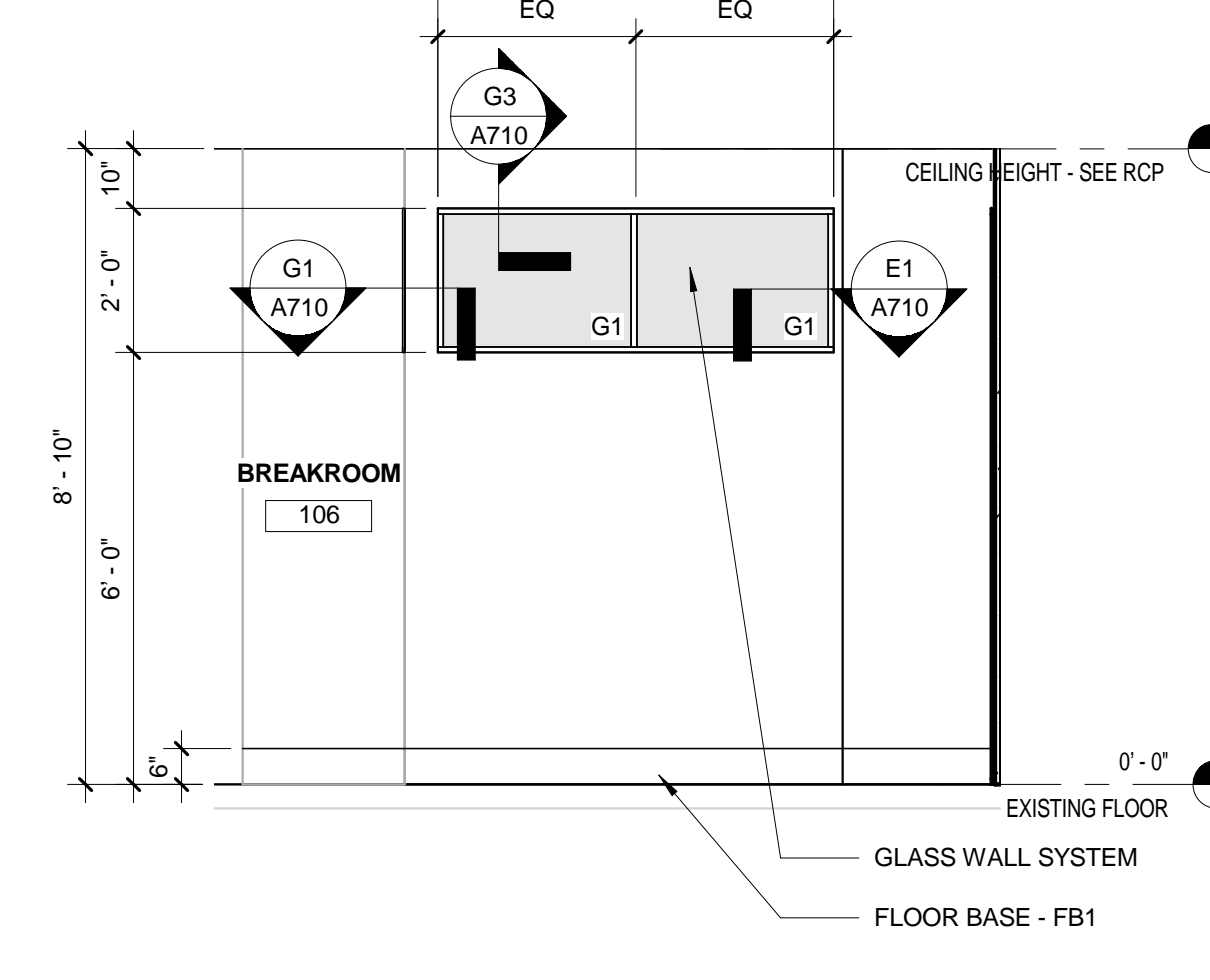
**E1**  
INTERIOR ELEVATION

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



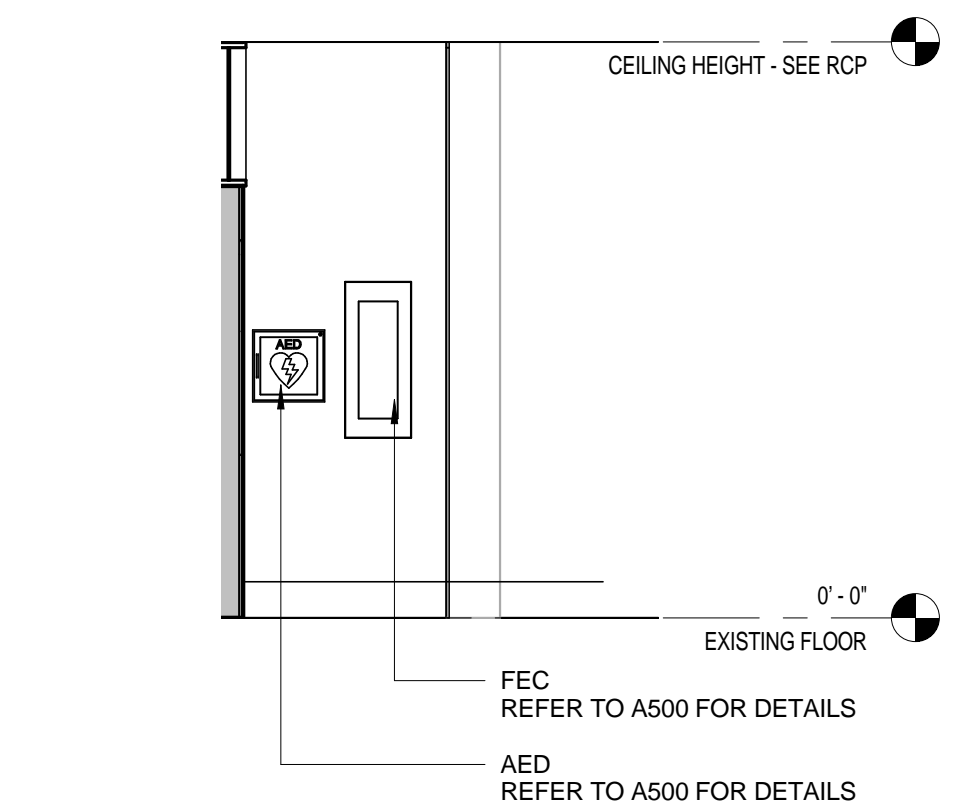
**E3**  
INTERIOR ELEVATION

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



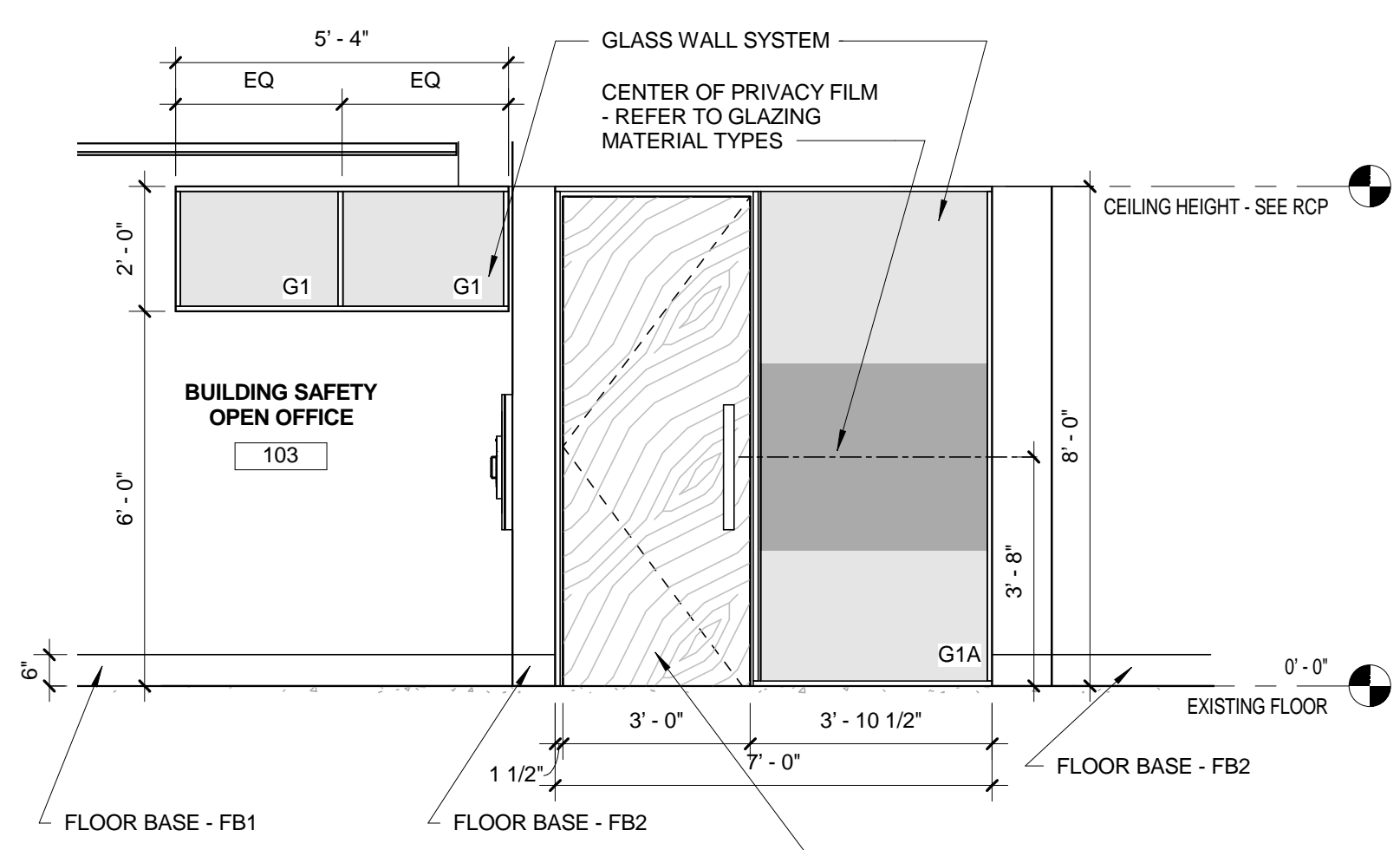
**E5**  
INTERIOR ELEVATION

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



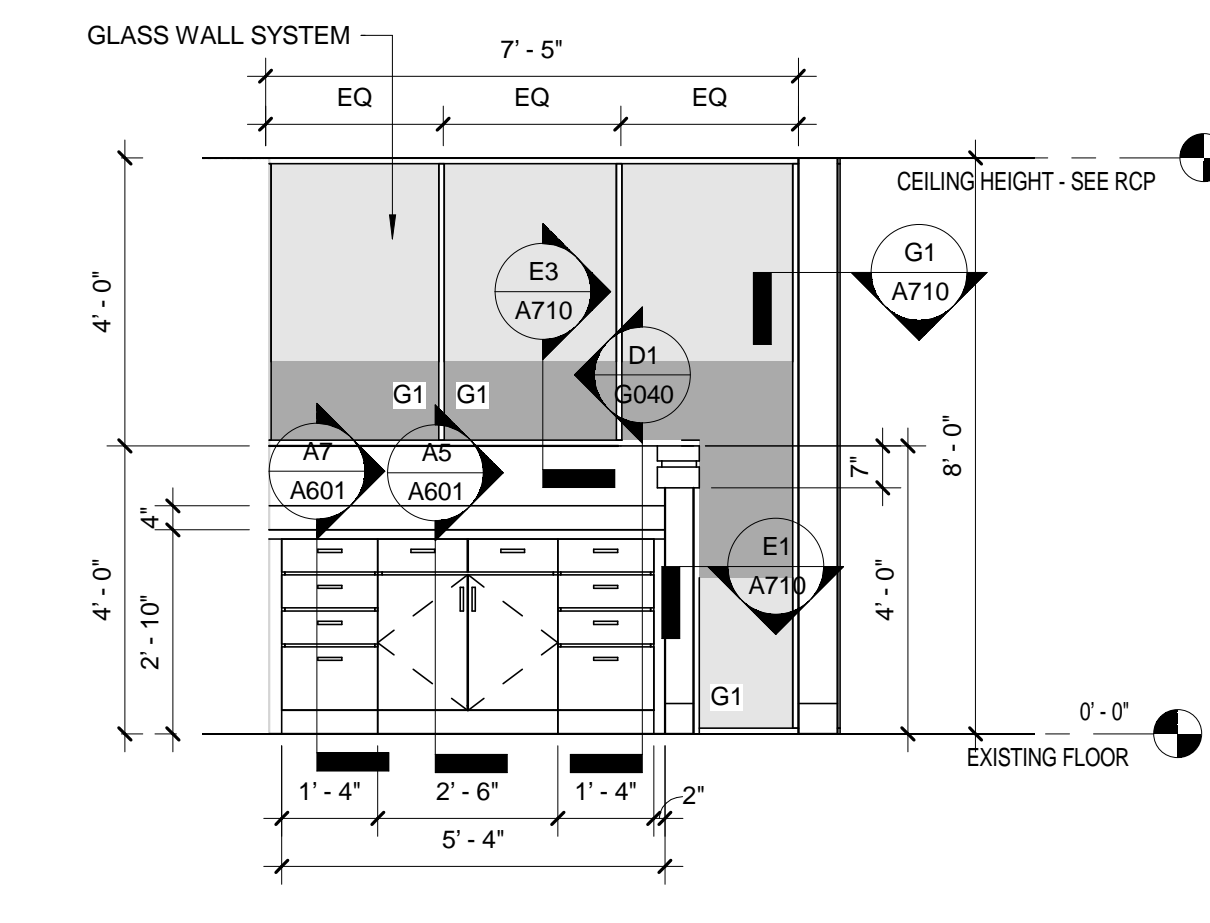
**C1**  
INTERIOR ELEVATION

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



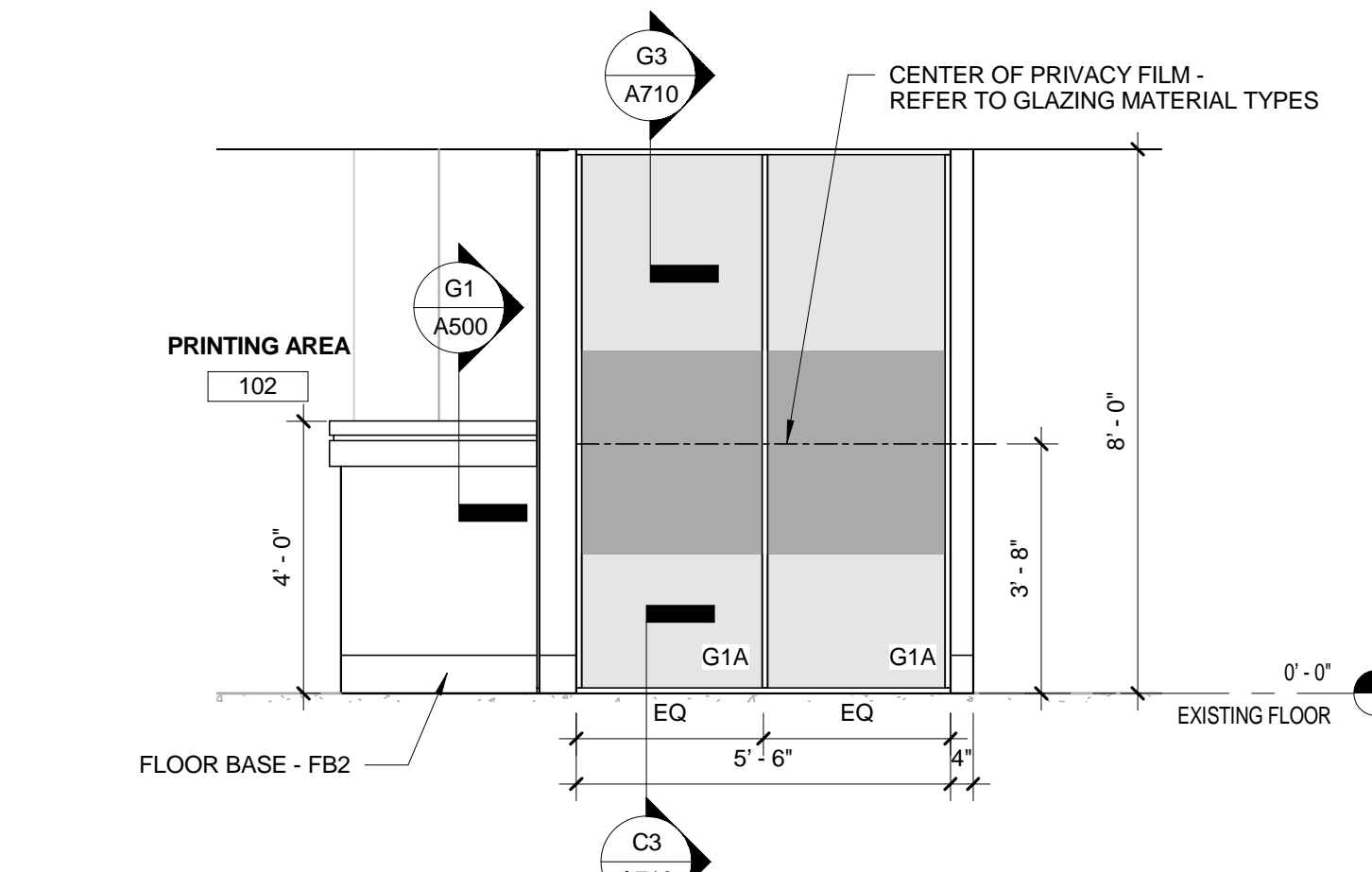
**C3**  
INTERIOR ELEVATION

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



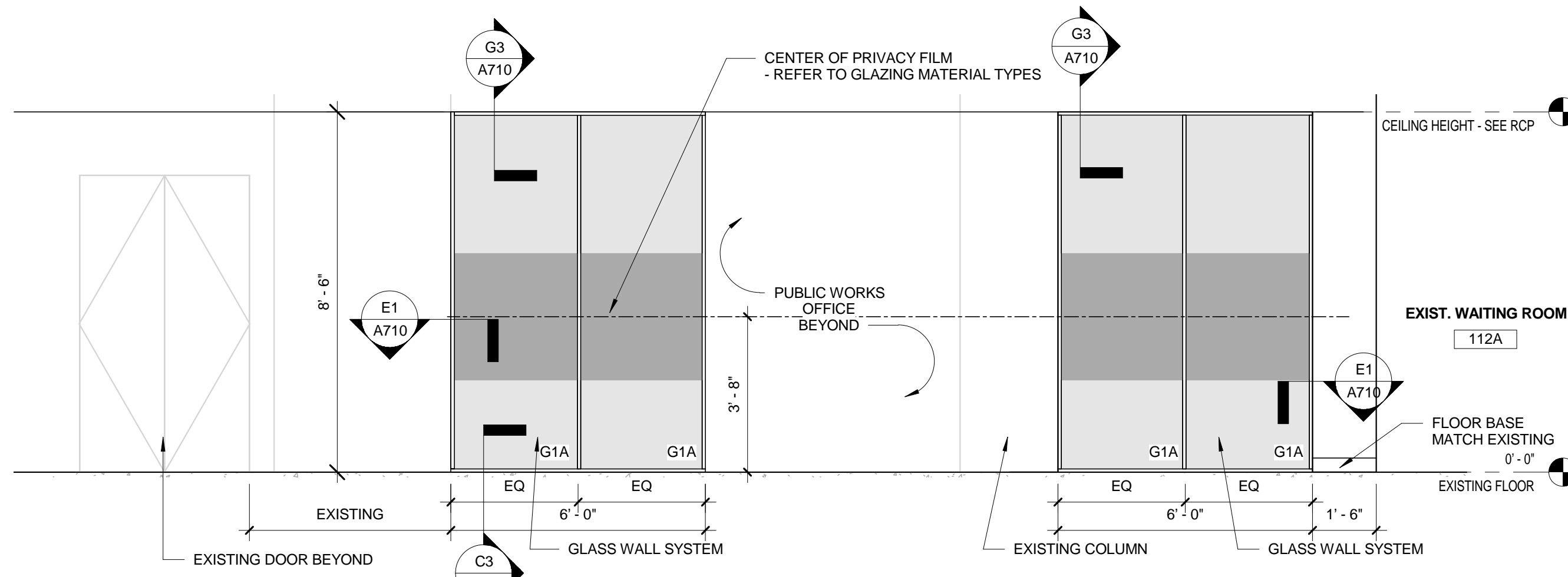
**C5**  
INTERIOR ELEVATION

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



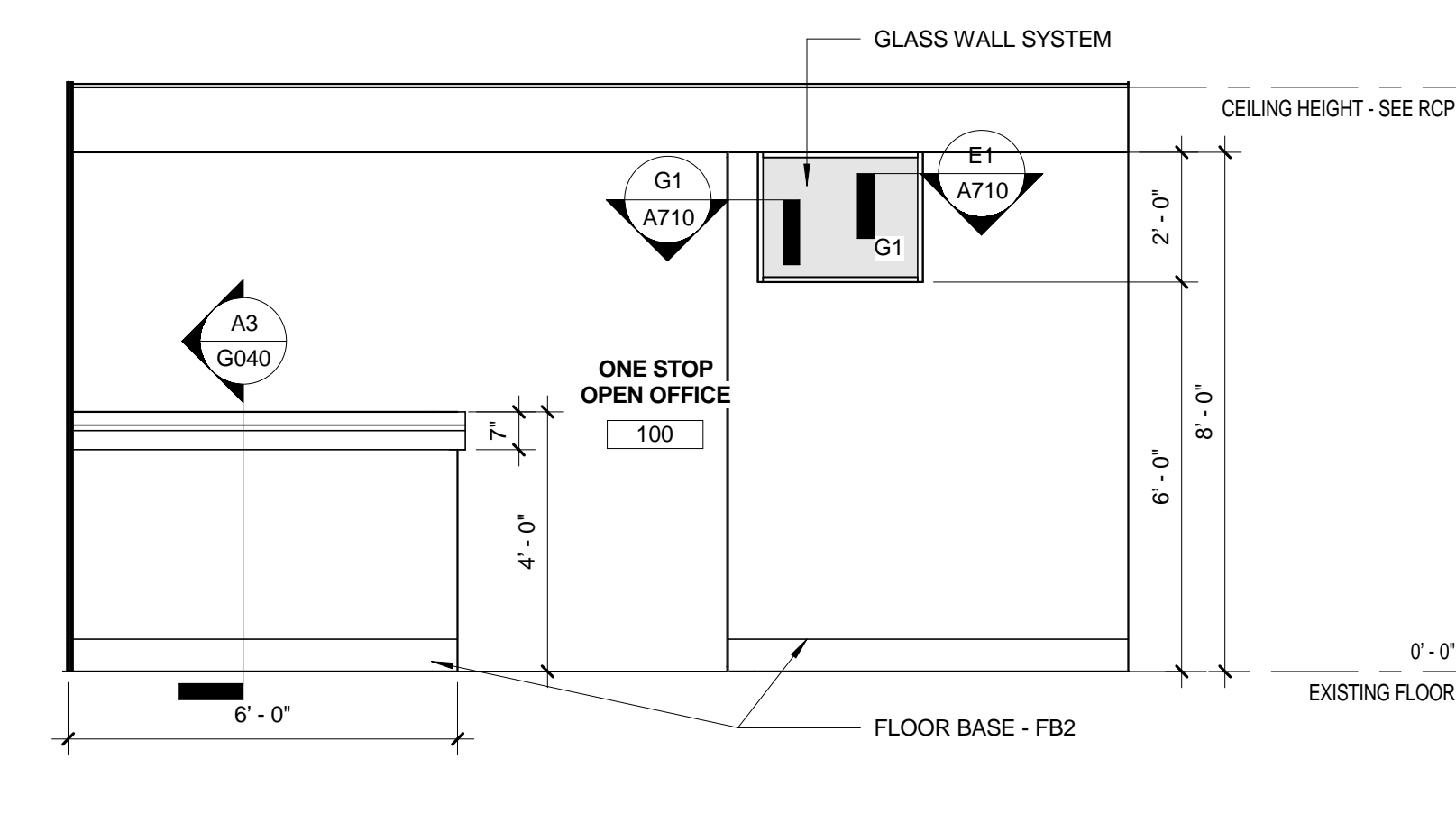
**C7**  
INTERIOR ELEVATION

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



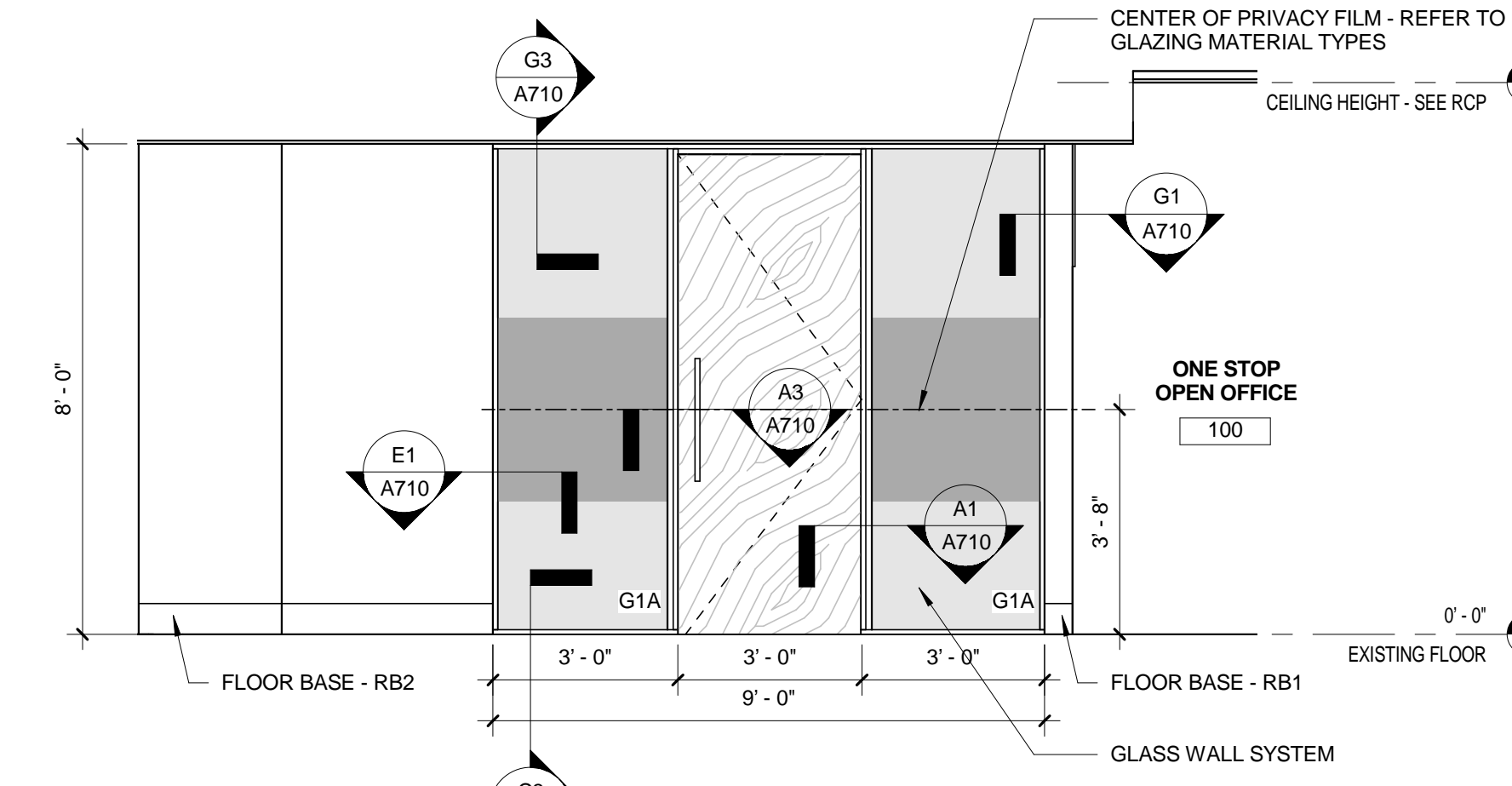
**A1**  
INTERIOR ELEVATION

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



**A5**  
INTERIOR ELEVATION

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



**A7**  
INTERIOR ELEVATION

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

**EQUIPEMENT PLAN KEYNOTES**

- 1 PROVIDE REQUIRED BLOCKING FOR INSTALLATION OF BRACKET FOR MOUNTED TV BY OWNER, INSTALLED BY CONTRACTOR.
- 2 CONTRACTOR TO COORDINATE REQUIRED BLOCKING FOR WALL MOUNTED PROJECTORS SCREENS PROVIDED BY OWNER, REFER TO SYSTEMS PACKAGE FOR ADDITIONAL INFORMATION.
- 3 FURNITURE BY OWNER.
- 4 MECOSHADOWS BY OWNER.
- 5 PROVIDE IN-CARPET WIREWAY CONNECTRAC, OR EQUAL, PRIOR TO INSTALLATION OF CARPET AND FURNITURE. CONTRACTOR TO COORDINATE REQUIRED LOCATION WITH OWNER AND FURNITURE SUPPLIER.

**EQUIPEMENT PLAN GENERAL NOTES**

- A FURNITURE IS UNDER SEPARATE CONTRACT AND IS SHOWN FOR REFERENCE ONLY.
- B COORDINATE FINAL LAYOUT WITH ORANGE COUNTY CODE ENFORCEMENT REPRESENTATIVE.
- C HATCHED AREAS INDICATE AREAS/ITEMS NOT IN SCOPE OF WORK.
- D GC TO COORDINATE GROMMETS WITH TECHNOLOGY AND MANUFACTURERS.
- E MECOSHADOWS BY OWNER AND INSTALLED BY CONTRACTOR.

**FINISH PLAN KEYNOTES**

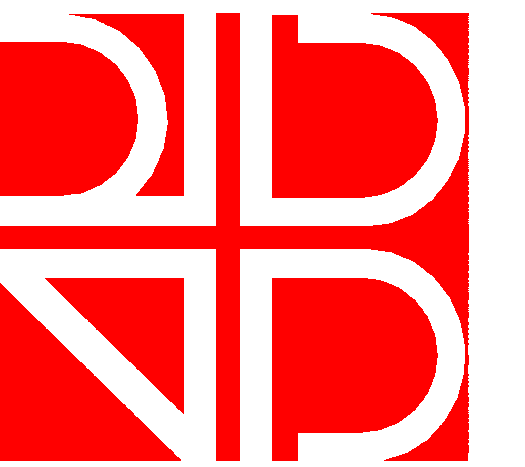
- 1 ALL WALLS TO RECEIVE COVE BASE FINISH. REFER TO THE BASE FINISH SCHEDULE.
- 2 HATCHED AREAS INDICATE AREAS/ITEMS NOT IN SCOPE OF WORK.
- 3 REFER TO A601 FOR FINISH TRANSITIONS DETAIL.
- 4 REFER TO A601 FOR DOOR THRESHOLD DETAIL.

**FINISH LEGEND**

- REFER TO A601 FOR FINISH SCHEDULE
- CPT1
  - CPT2
  - LVT1
  - EXIST
  - RT1

**FINISH ABBREVIATION LEGEND**

- CPT CARPET
- VCT VINYL COMPOSITION TILE
- LVT LUXURY VINYL TILE
- CFT CERAMIC FLOOR TILE
- FB FLOOR BASE
- NB NOISE BARRIER
- PT PAINT
- AWT ACOUSTICAL WALL TREATMENT
- ACP ACOUSTICAL CEILING PANEL
- FF FIBROCEMENT FLOOR



**rhodes + brito**  
ARCHITECTS  
AA0002809  
605 E. ROBINSON STREET, SUITE 750  
ORLANDO, FL 32801  
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www.rhodesbrito.com

Consultants



CAPITAL PROJECTS  
DIVISION

**ORANGE COUNTY  
GOVERNMENT**  
**DIVISION OF BUILDING  
SAFETY RENOVATION**

**PHASE 1**

201 SOUTH ROSALIND  
AVENUE, ORLANDO, FL 32801

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Seal

Maximiano Brito, RA, AIA  
FL Reg. No. AR0015108

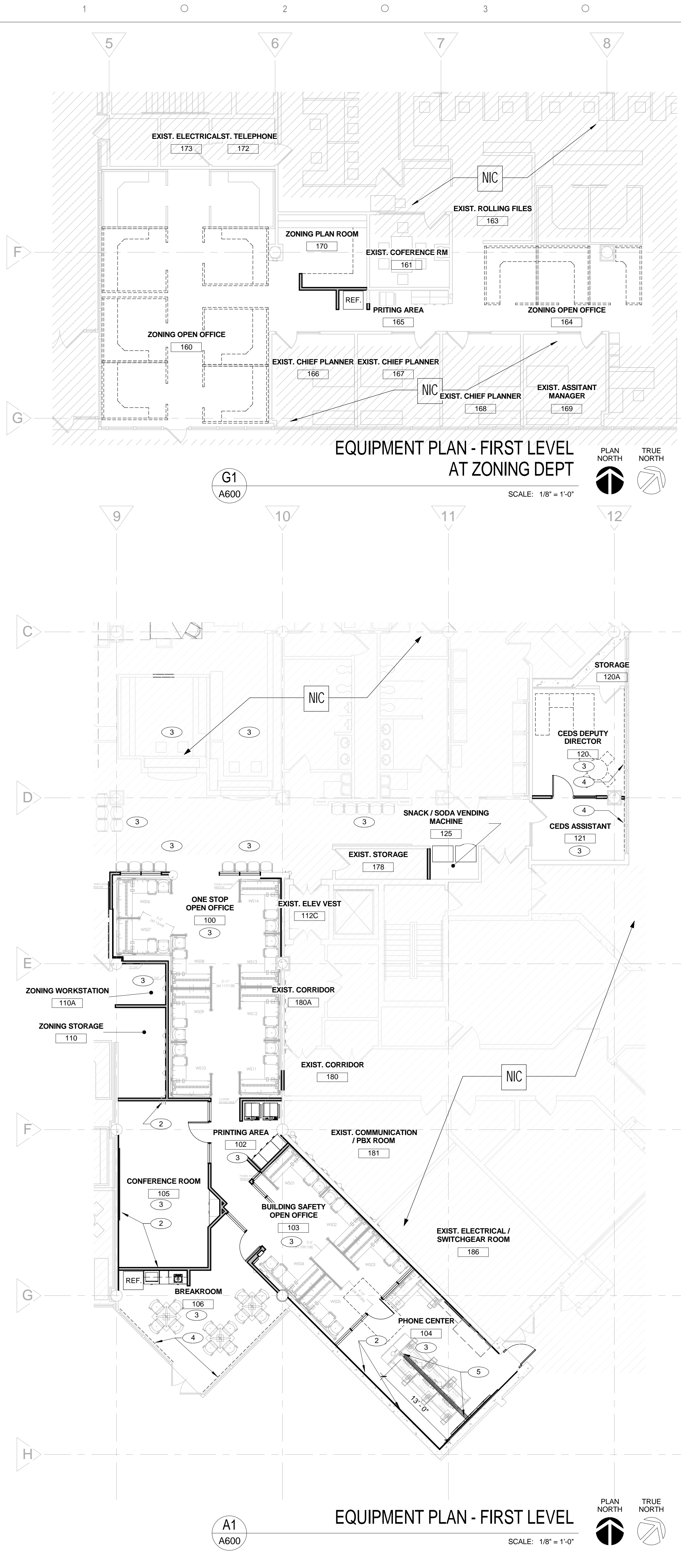
BID DOCUMENTS

DATE	SUBMISSION / REVISION	NO.

**FINISH FLOOR PLAN  
AND EQUIPMENT PLAN**

SCALE: AS INDICATED  
DRAWN BY: MA / AC  
CHECK BY: AC / MB  
DATE: September 22, 2017  
PROJECT NUMBER: 15012-0031

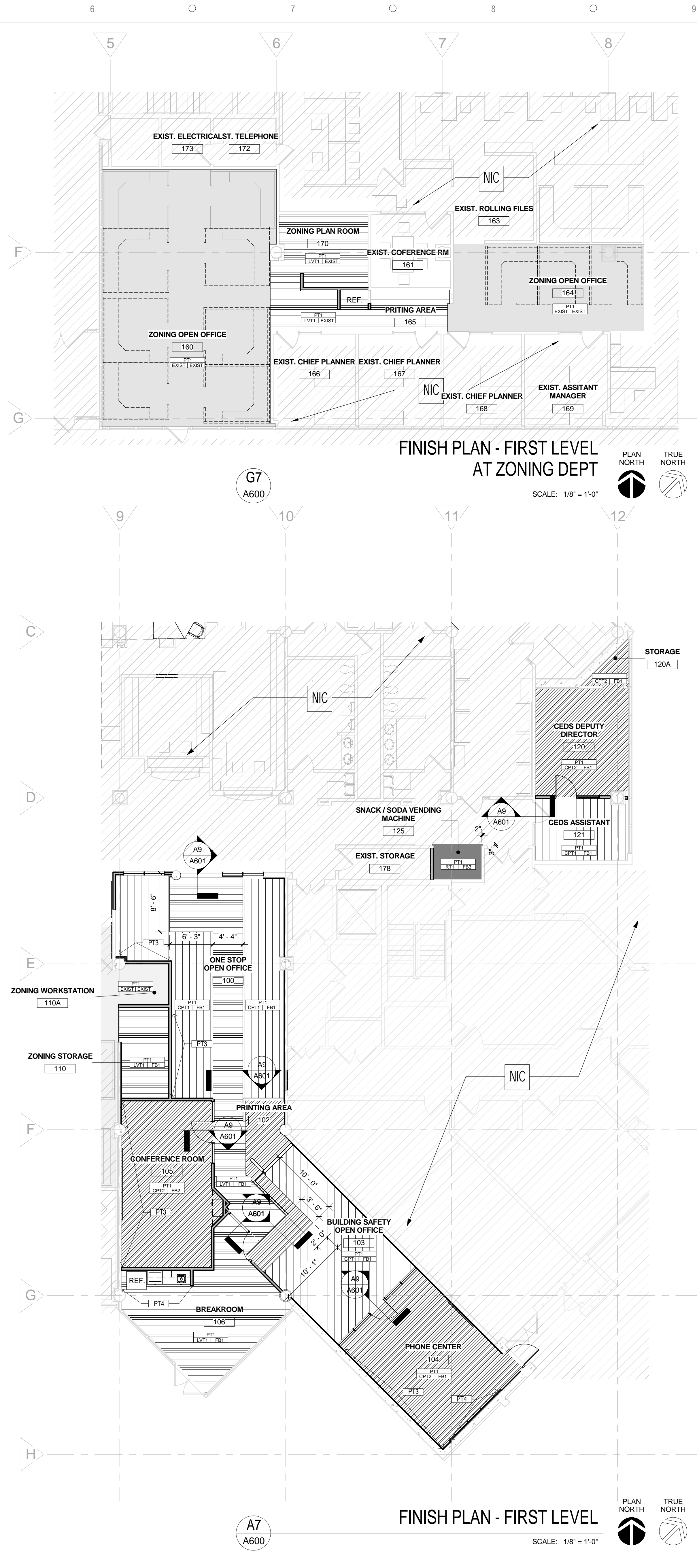
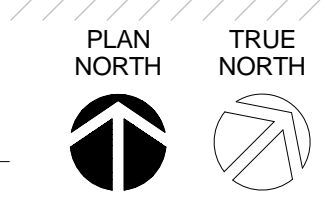
**A600**



**EQUIPEMENT PLAN - FIRST LEVEL  
AT ZONING DEPT**

G1  
A600

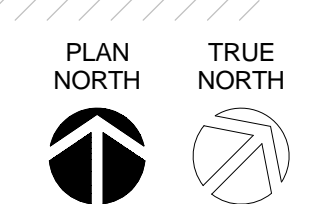
SCALE: 1/8" = 1'-0"

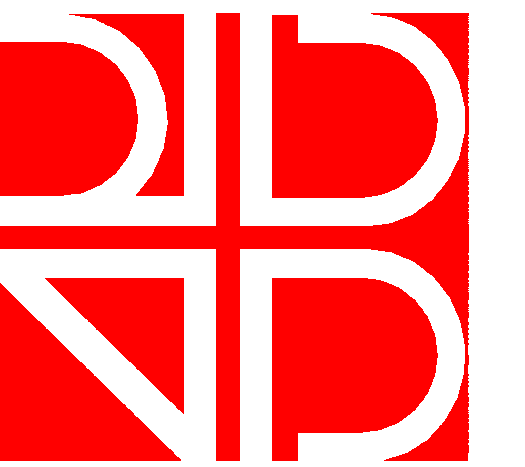


**FINISH PLAN - FIRST LEVEL  
AT ZONING DEPT**

G7  
A600

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





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FL Reg. No. AR0015108

BID DOCUMENTS

DATE	SUBMISSION / REVISION	NO.
------	-----------------------	-----

FINISH SCHEDULE AND  
CASEWORK DETAILS

SCALE: AS INDICATED  
DRAWN BY: MA / AC  
CHECK BY: AC / MB  
DATE: September 22, 2017  
PROJECT NUMBER: 15012-0031

A601

ROOM NUMBER	ROOM NAME	FLOOR FINISH	BASE FINISH	WALL FINISH				CEILING FINISH	REMARKS
				NORTH	SOUTH	EAST	WEST		
Level 1									
100	ONE STOP OPEN OFFICE	CPT1	FB1	PT1	PT1	PT1	PT3	ACP1	
102	PRINTING AREA	LVT1	FB1	PT1	PT1	PT1	PT1	ACP1	
103	BUILDING SAFETY OPEN OFFICE	CPT1	FB1	PT1	PT1	PT1	PT1	ACP1	
104	PHONE CENTER	CPT2	FB1	PT3	PT1	PT1	PT1	ACP1	
105	CONFERENCE ROOM	CPT2	FB2	PT2	PT3	PT2	PT2	ACP1	
106	BREAKROOM	LVT1	FB1	PT4	PT1	PT1	PT1	ACP1	
110	ZONING STORAGE	LVT1	FB1	PT1	PT1	PT1	PT1	ACP1	
110A	ZONING WORKSTATION	EXIST	EXIST	PT1	PT1	PT1	PT1	ACP1	
120	CEDS DEPUTY DIRECTOR	CPT2	FB1	PT1	PT1	PT1	PT1	ACP1	
120A	STORAGE	CPT2	FB1	PT1	PT1	PT1	PT1	ACP1	
121	CEDS ASSISTANT	CPT1	FB1	PT1	PT1	PT1	PT1	ACP1	
125	SNACK / SODA VENDING MACHINE	RT1	FB3	PT1	PT1	PT1	PT1	ACP1	
160	ZONING OPEN OFFICE	EXIST	EXIST	PT1	PT1	PT1	PT1	ACP1	
164	ZONING OPEN OFFICE	EXIST	EXIST	PT1	PT1	PT1	PT1	ACP1	
165	PRINTING AREA	LVT1	EXIST	PT1	PT1	PT1	PT1	ACP1	
170	ZONING PLAN ROOM	LVT1	EXIST	PT1	PT1	PT1	PT1	ACP1	

FINISH SCHEDULE LIST

FINISHES LISTED BELOW ARE BASIS OF DESIGN. SUBSTITUTIONS MUST MATCH THE SELECTED COLOR WAY AND HAVE A SIMILAR PATTERN. ALL SUBSTITUTIONS MUST BE REVIEWED AND APPROVED BY ORANGE COUNTY CAPITAL PROJECTS AND ORANGE COUNTY PROCUREMENT DIVISION.

CARPET

(CPT1)  
MNF: INTERFACE  
STYLE: 147280AK00  
COLLECTION: GLOBAL CHANGE  
SIZE: 25CM x 1M  
SERIES: GLAZING  
COLOR: 105519 MORNING MIST  
LOCATION: WORKSTATIONS  
INSTALLATION METHOD: ASHLAR (REFER TO FINISH FLOOR PLAN FOR DIRECTION)

(CPT2)

MNF: INTERFACE  
STYLE: 142680AK00  
COLLECTION: GLOBAL CHANGE  
SIZE: 25CM x 1M  
SERIES: SHADING  
COLOR: 105519 MORNING MIST  
LOCATION: CONFERENCE ROOM AND PHONE CENTER  
INSTALLATION METHOD: HERRINGBONE (REFER TO FINISH FLOOR PLAN FOR DIRECTION)

LUXURY VINYL TILE

(LVT1)  
MNF: INTERFACE  
STYLE: MODULAR RESILIENT FLOORING  
TEXTURE WOODGRAINS  
SIZE: 25CM x 1M  
LEVEL SET  
COLOR: A00412 RECLAIMED HICKORY  
LOCATION: CORRIDOR AND BREAK ROOM  
INSTALLATION METHOD: ASHLAR (REFER TO FINISH FLOOR PLAN FOR DIRECTION)

RUBBER TILE

(RT1)  
MNF: ROPPE CORPORATION  
STYLE: STATIC CONTROL QS QUICKSIX ESD RUBBER  
SIZE: 24"X24" TILE  
COLOR: F407 TIERA  
LOCATION: SNACK / SODA VENDING MACHINE

WINDOW TREATMENT

(WT1)  
MNF: MECHOSYSTEMS  
TYPE: MECHOSHADE  
STYLE: (MANUALLY OPERATED)  
EQUINOX BACKOUT 0100 SERIES  
(SHADECLOTH)  
COLOR: LINEN OR SANDSTONE  
OPENESS: 0% (OPAQUE)  
NOTE: GENERAL

FLOOR BASE

(FB1)  
MNF: ROPPE CORPORATION  
STYLE: VINYL WALL BASE  
COLOR: 147 LIGHT BROWN  
HEIGHT: 1/2" THICK x 6" H  
PROFILE: STANDARD TOE  
LOCATION: WORKSTATIONS, OFFICES AND BREAKROOM

(FB2)

MNF: METRIE  
STYLE: VERY SQUARE SCENE II  
COLOR: PAINTED - PT2  
HEIGHT: 7-1/4" H  
PROFILE: #00VS2P2PM  
LOCATION: CONFERENCE ROOM AND PRINTING AREA

(FB3)

MNF: ROPPE CORPORATION  
STYLE: RUBBER BASE  
COLOR: 147 LIGHT BROWN  
HEIGHT: 6" H  
PROFILE: STANDARD TOE  
LOCATION: USE WITH RT1

PLASTIC LAMINATE

(PL1)  
MNF: FORMICA  
COLOR: WENGE STRAND  
NUMBER: 6306-58  
LOCATION: BREAK ROOM AND PRINTING ROOM - BASE AND UPPER CASEWORK (WOODGRAIN TO RUN VERTICALLY)

(PL2)

MNF: FORMICA  
COLOR: BELUGA BEIGE - MATTE FINISH  
NUMBER: 3698-58  
LOCATION: BREAK ROOM AND PRINTING ROOM COUNTERTOP AND EDGING CASEWORK

(PL3)

MNF: WILSONART  
COLOR: BRANDED OAK  
NUMBER: 8207K-16  
LOCATION: CONFERENCE ROOM - BASE CASEWORK (WOODGRAIN TO RUN VERTICALLY)

(PL4)

MNF: FORMICA  
COLOR: LIME STONE  
NUMBER: 7264-58  
LOCATION: CONFERENCE ROOM - COUNTERTOP AND EDGING CASEWORK

ACOUSTICAL CEILING PANEL

(ACP1)  
MNF: ARMSTRONG  
SERIES: FINE FISSURED  
STYLE: #1728  
SIZE: 24" x 24" x 5/8"  
EDGE: SQUARE LAY-IN  
COLOR: WHITE  
GRID: 15/16"  
NOTE: GENERAL CEILING USE

ACOUSTICAL WALL TREATMENT

(AWT1)  
MNF: 3FORM  
SERIES: ACOUSTIC SOLUTIONS  
STYLE: SEYOND  
SIZE: PANEL 1/4" x 48" x 96" UNTRIMMED  
PATTERN: CUSP  
COLOR: BURNT UMBER FELT  
LOCATION: PHONE CENTER

PAINT

(PT1)  
MNF: SHERWIN WILLIAMS  
COLOR: HERON PLUME  
NUMBER: SW6070  
FINISH: EGGSHELL  
LOCATION: GENERAL PAINT

(PT2)

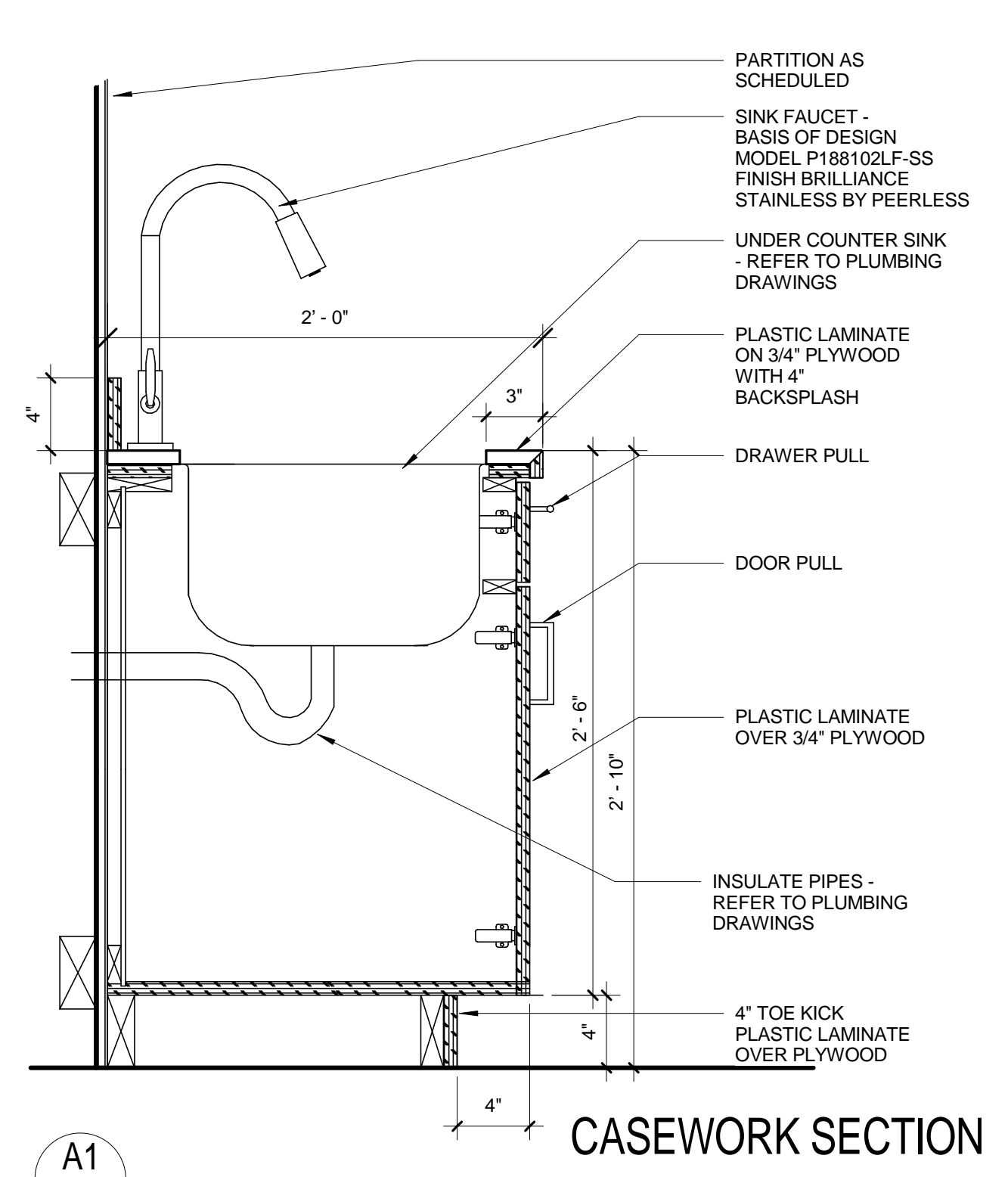
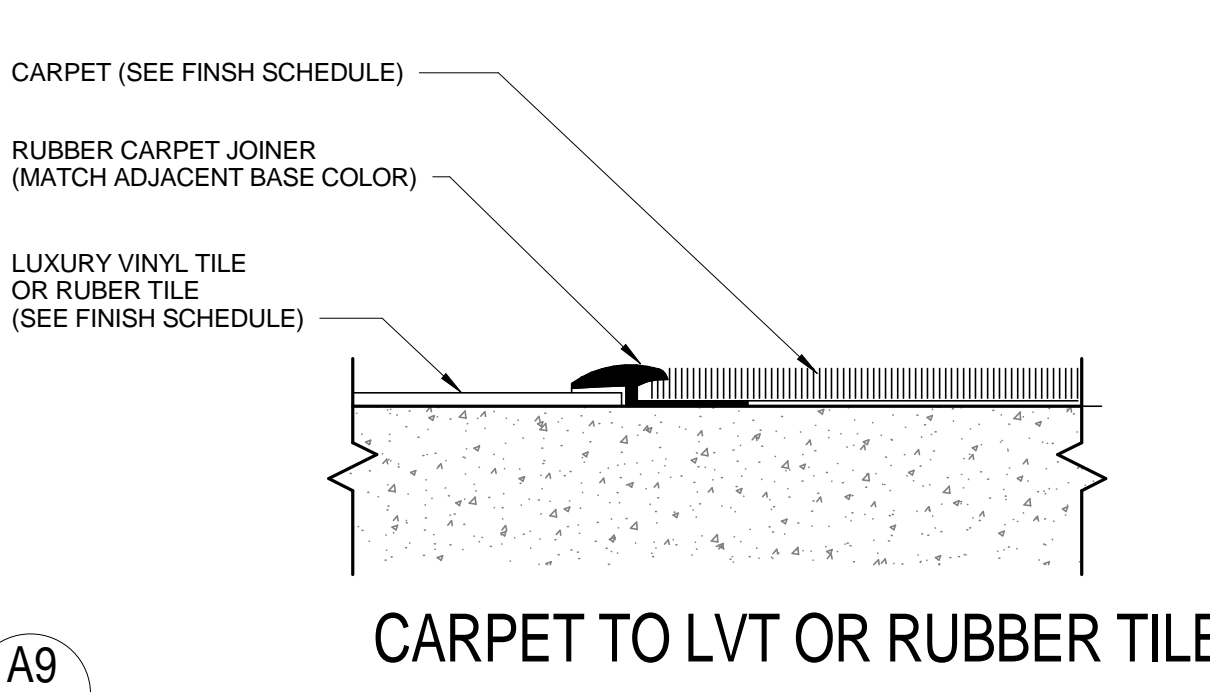
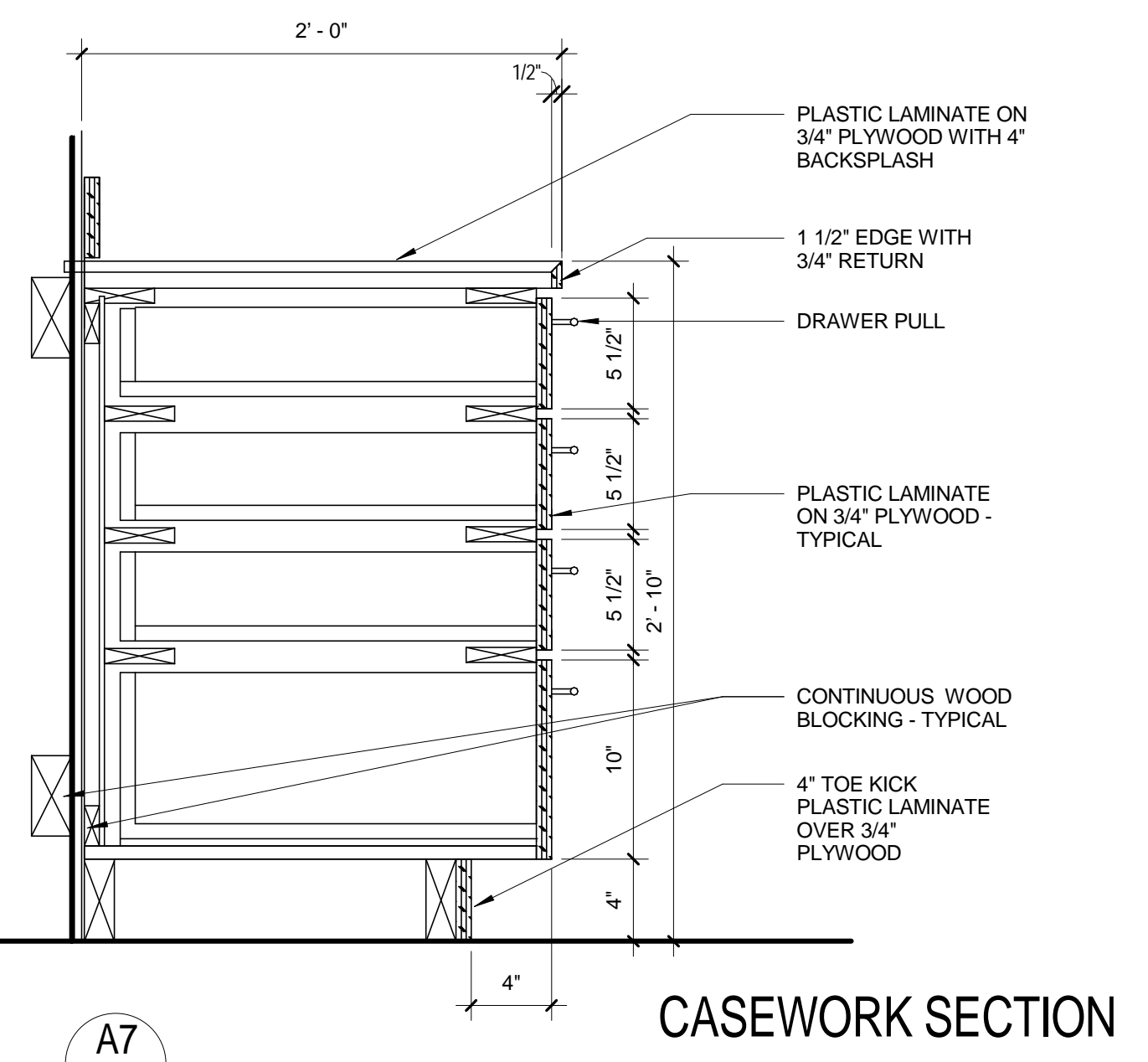
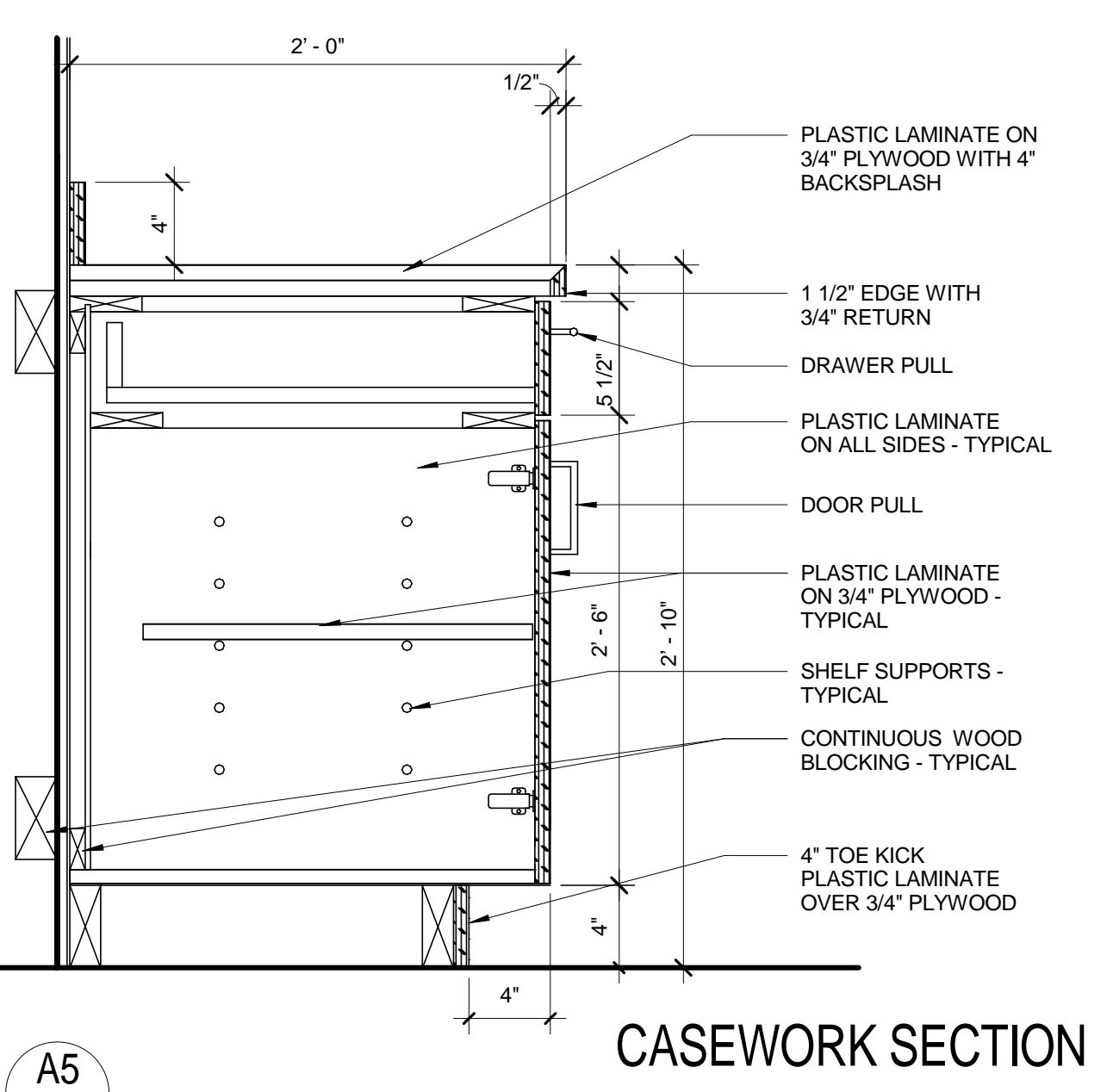
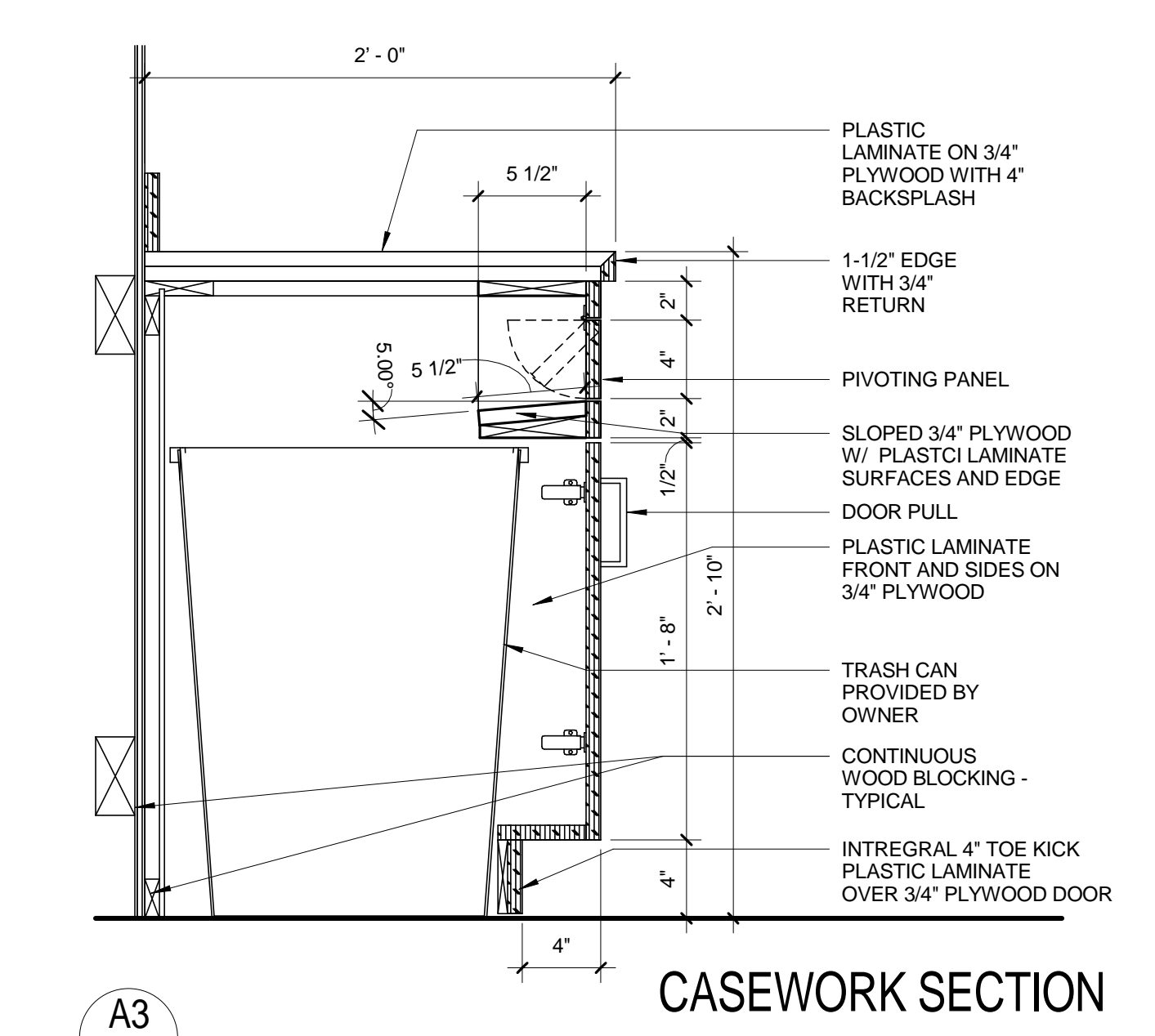
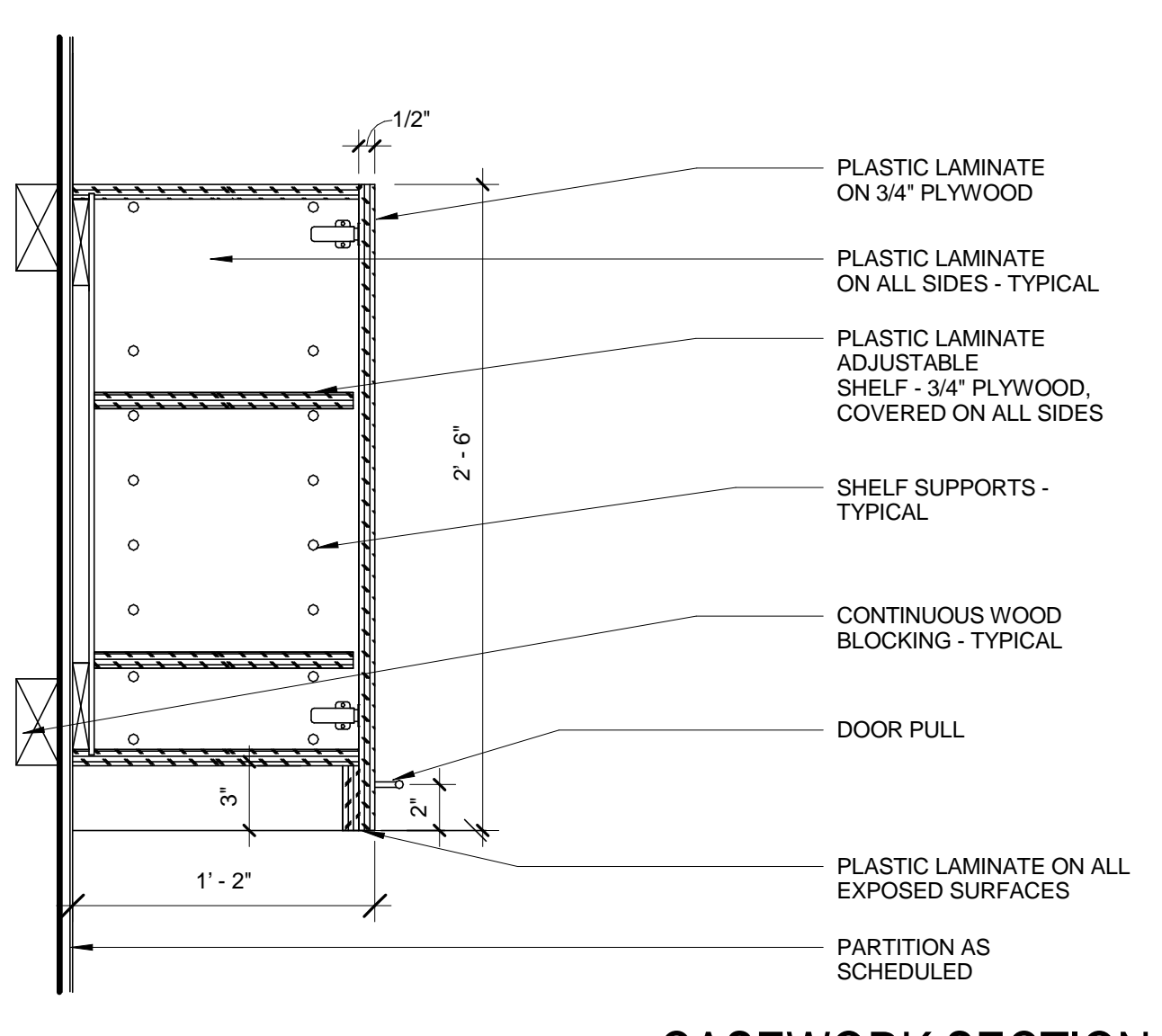
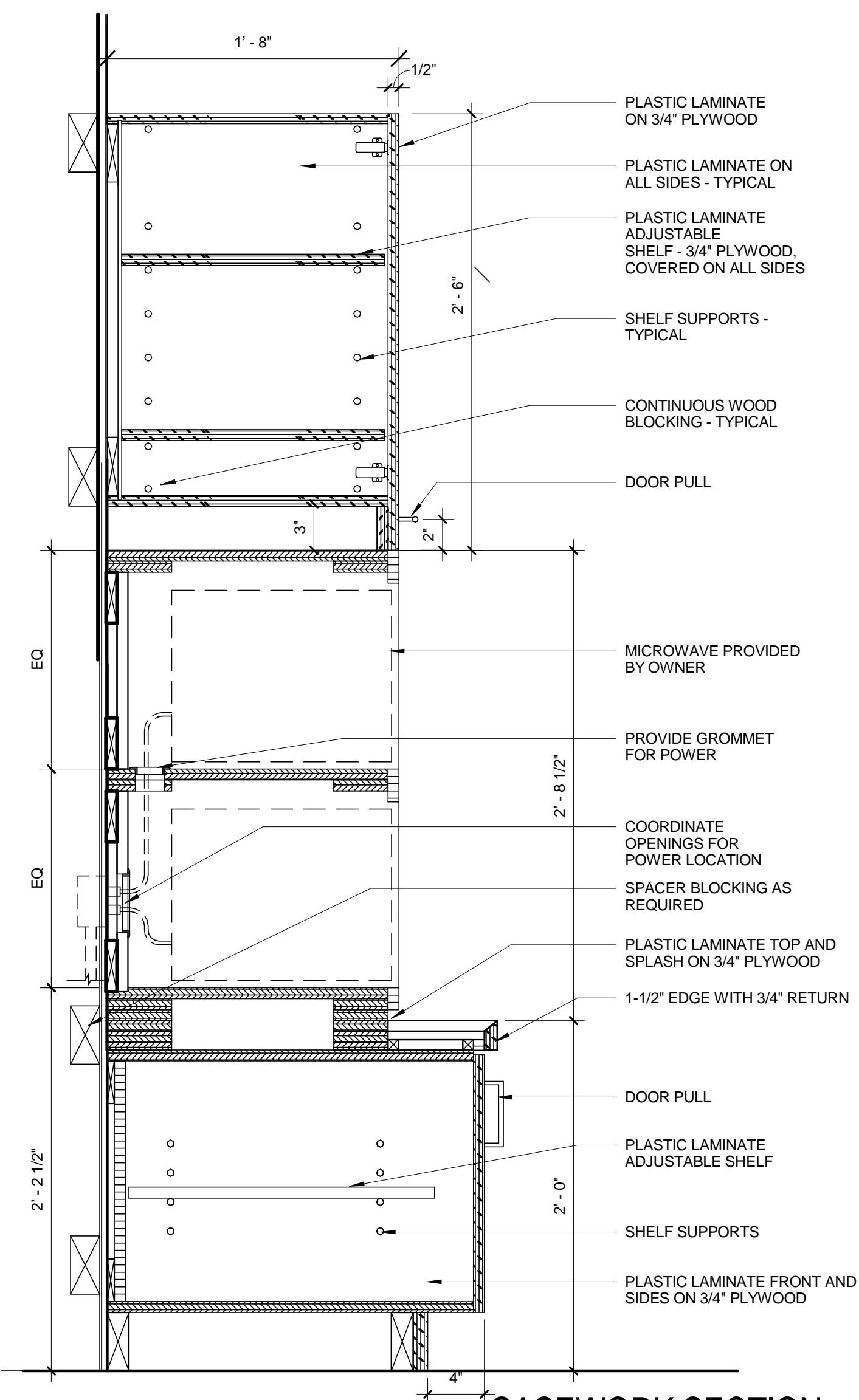
MNF: SHERWIN WILLIAMS  
COLOR: RELAXED KHAKI  
NUMBER: SW1649  
FINISH: SEMI-GLOSS  
LOCATION: DOOR FRAME

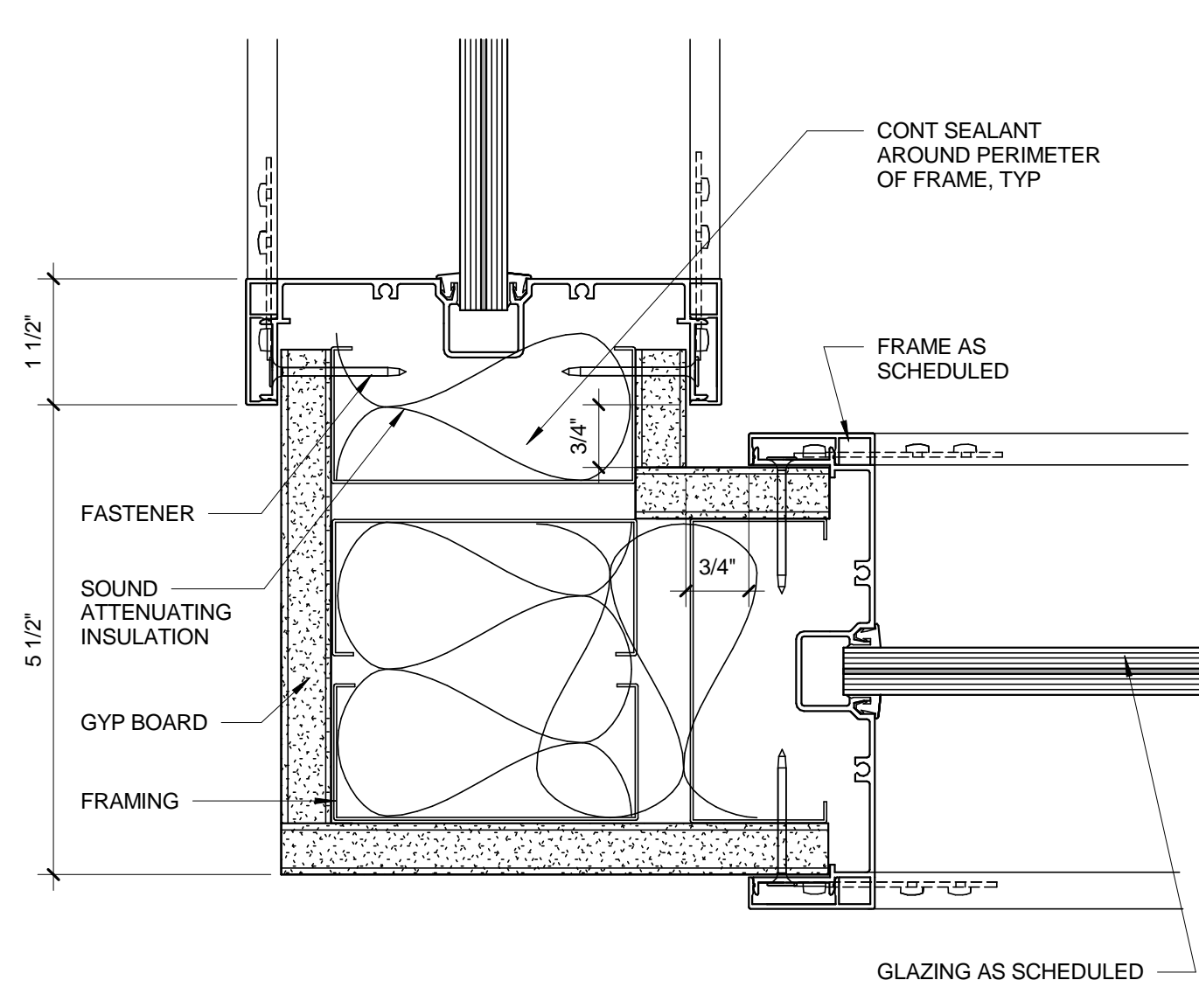
(PT3)

MNF: SHERWIN WILLIAMS  
COLOR: SENSIBLE HUE  
NUMBER: SW1698  
FINISH: EGGSHELL  
LOCATION: ACCENT

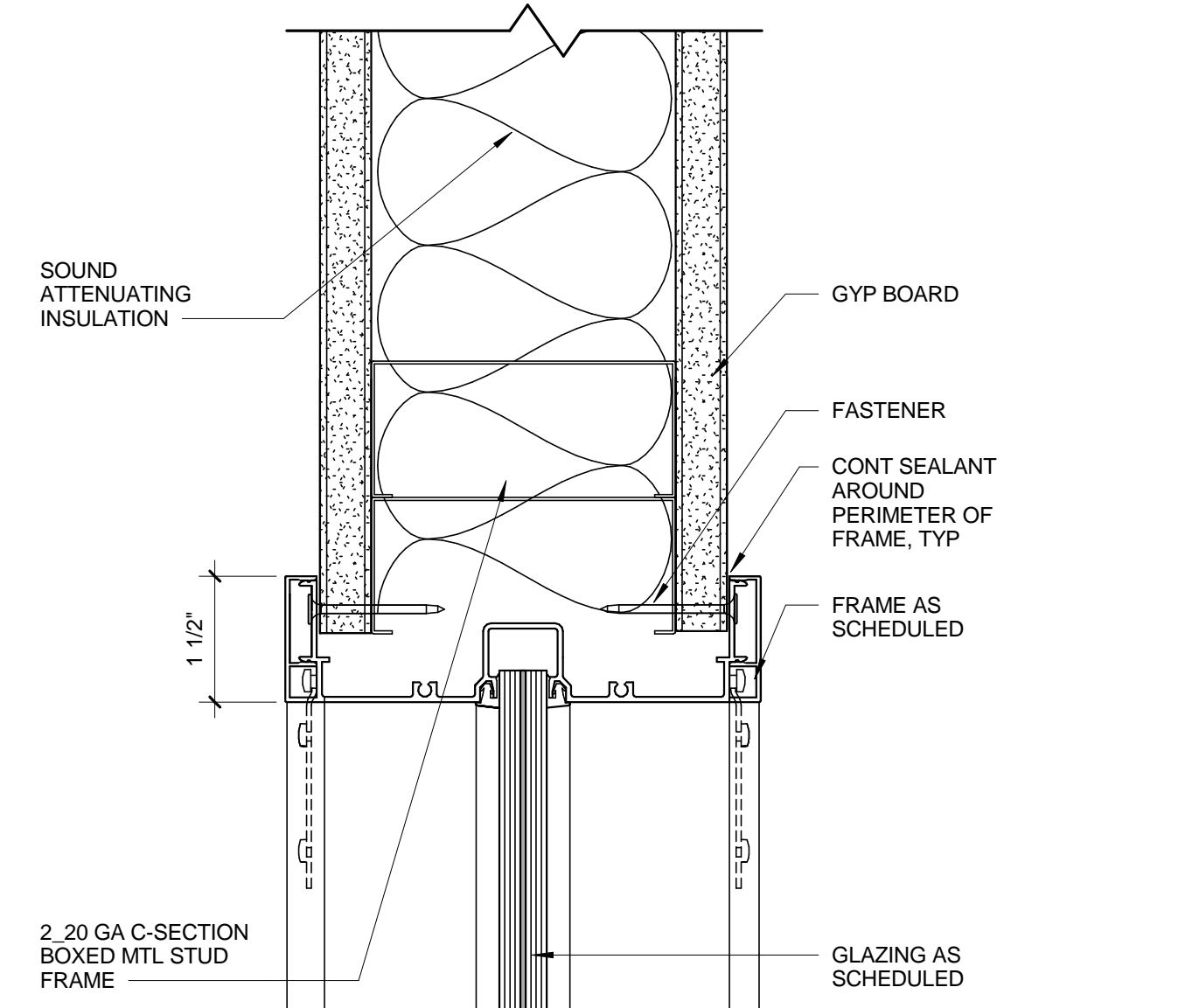
(PT4)

MNF: SHERWIN WILLIAMS  
COLOR: TAVERN TALUPE  
NUMBER: SW7508  
FINISH: EGGSHELL  
LOCATION: ACCENT

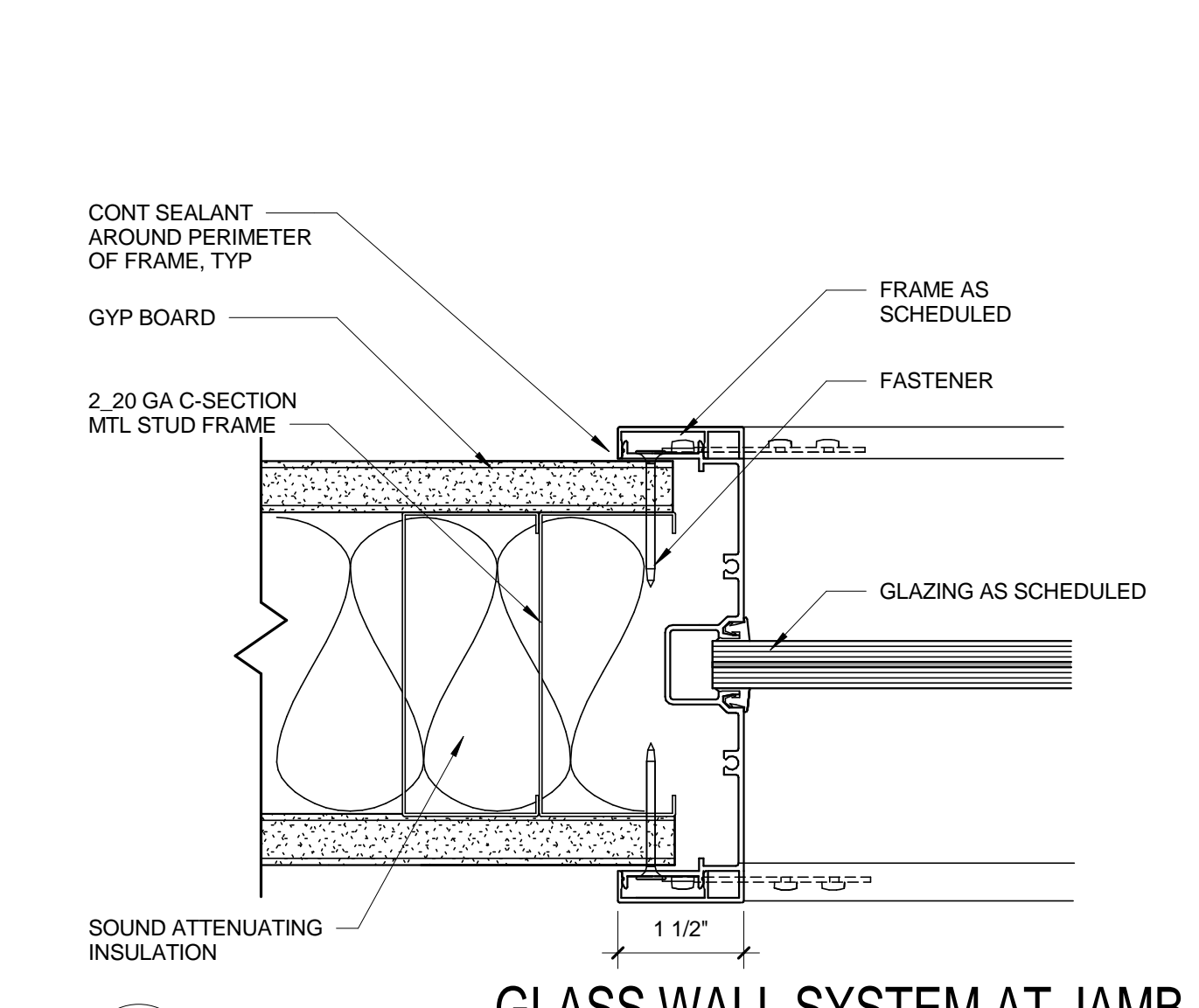




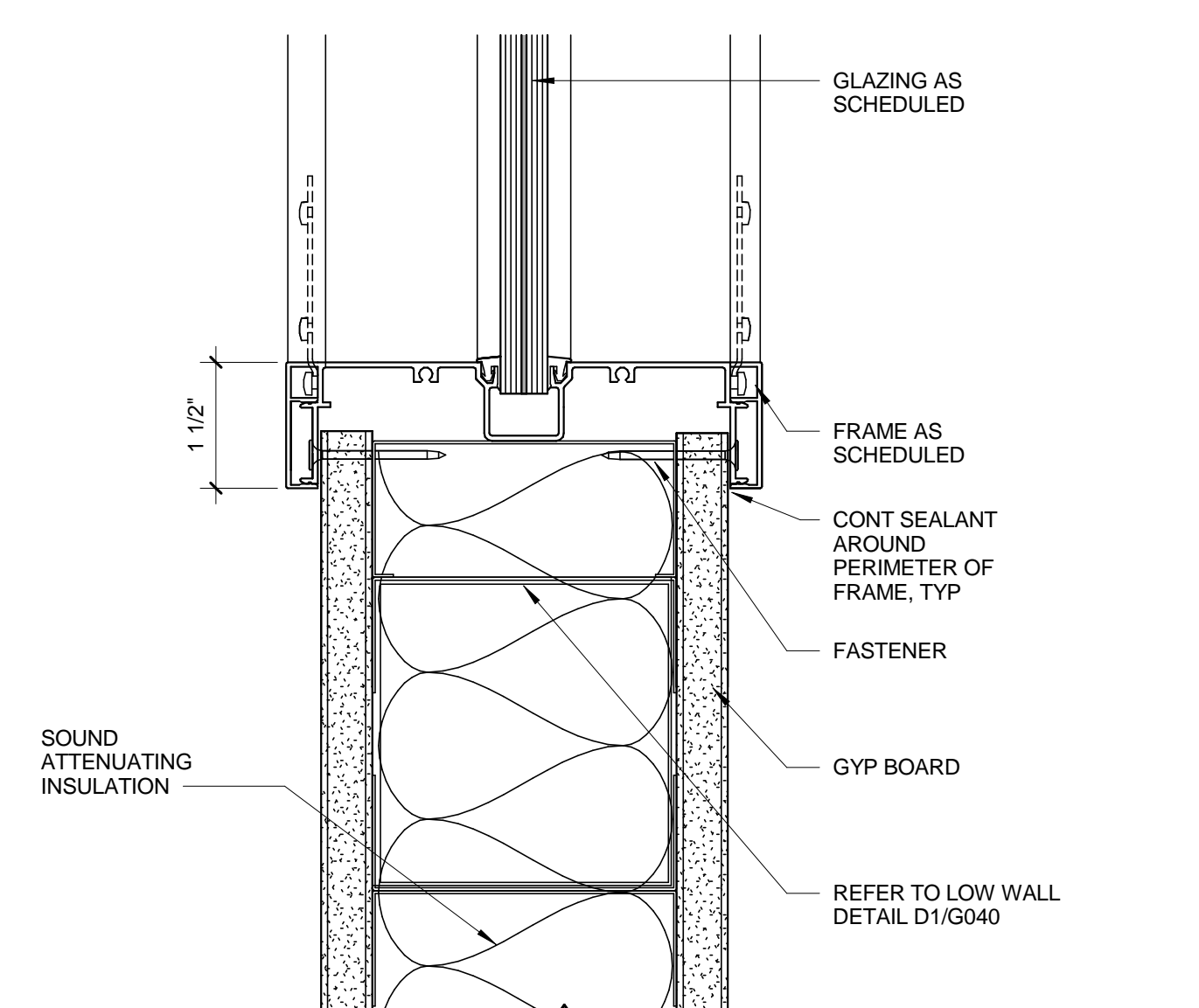
**G1**  
A710  
**GLASS WALL SYSTEM DETAIL AT CONNER**  
SCALE: 6" = 1'-0"



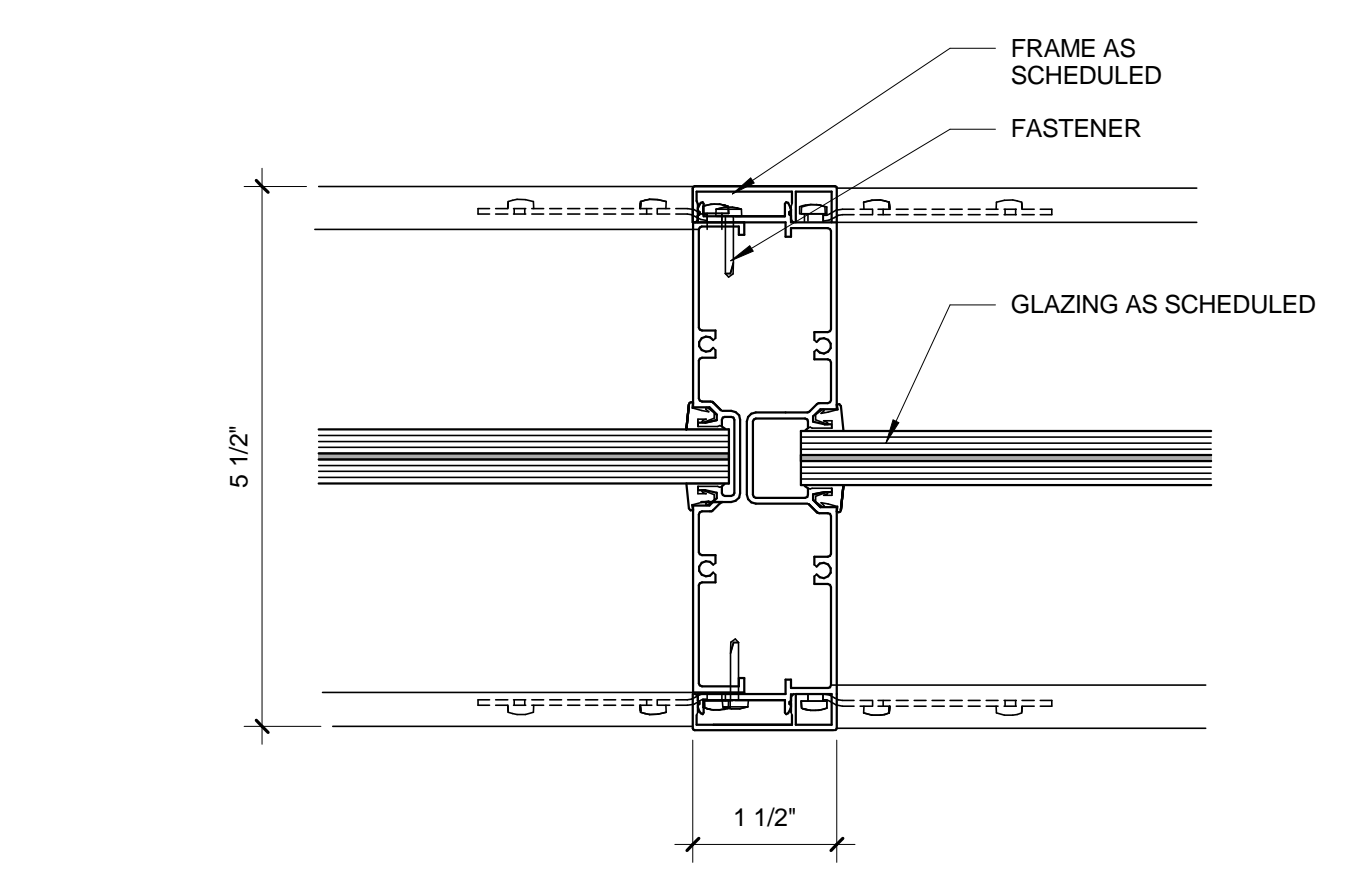
**G3**  
A710  
**GLASS WALL SYSTEM AT HEAD**  
SCALE: 6" = 1'-0"



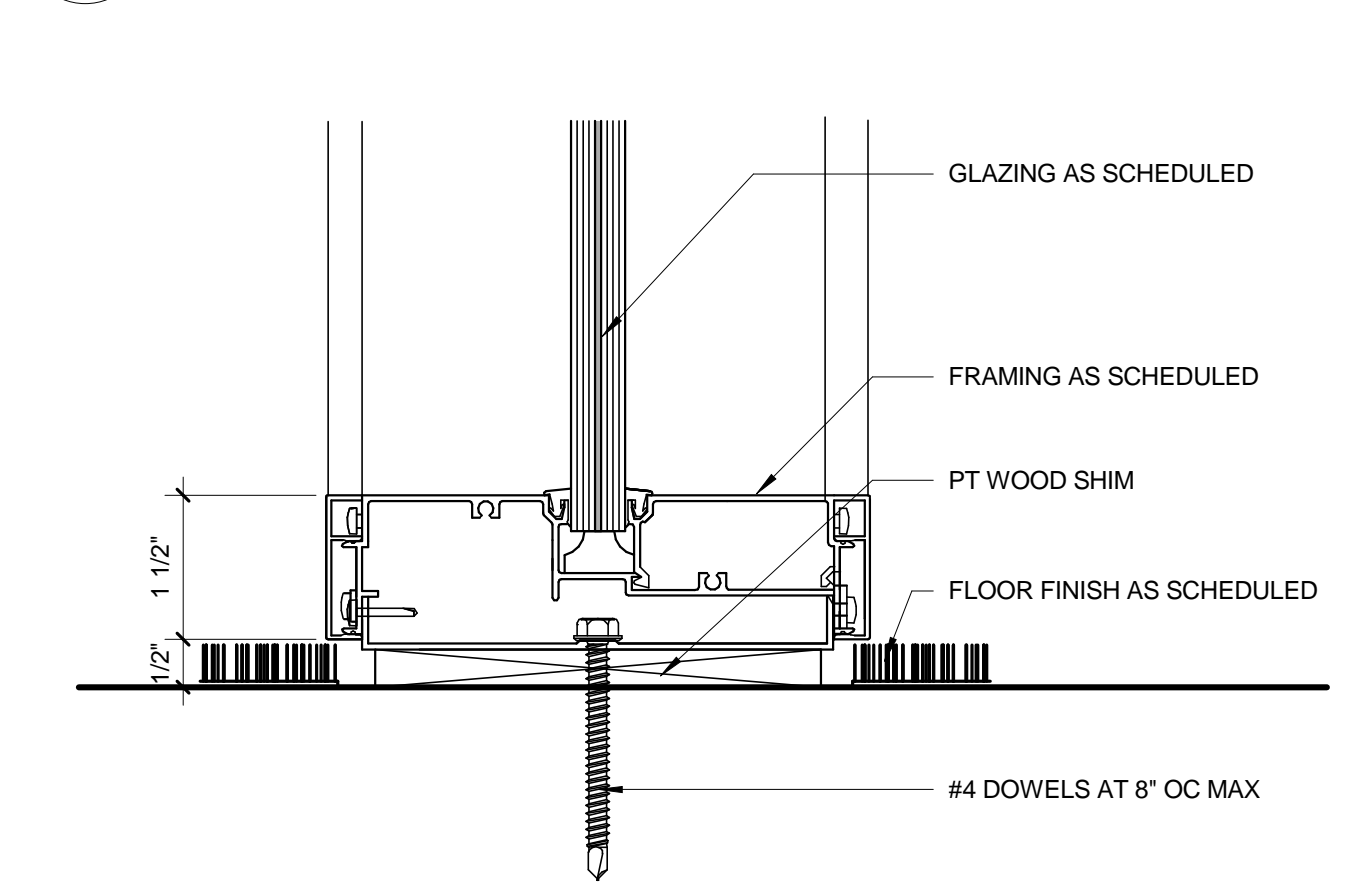
**E1**  
A710  
**GLASS WALL SYSTEM AT JAMB**  
SCALE: 6" = 1'-0"



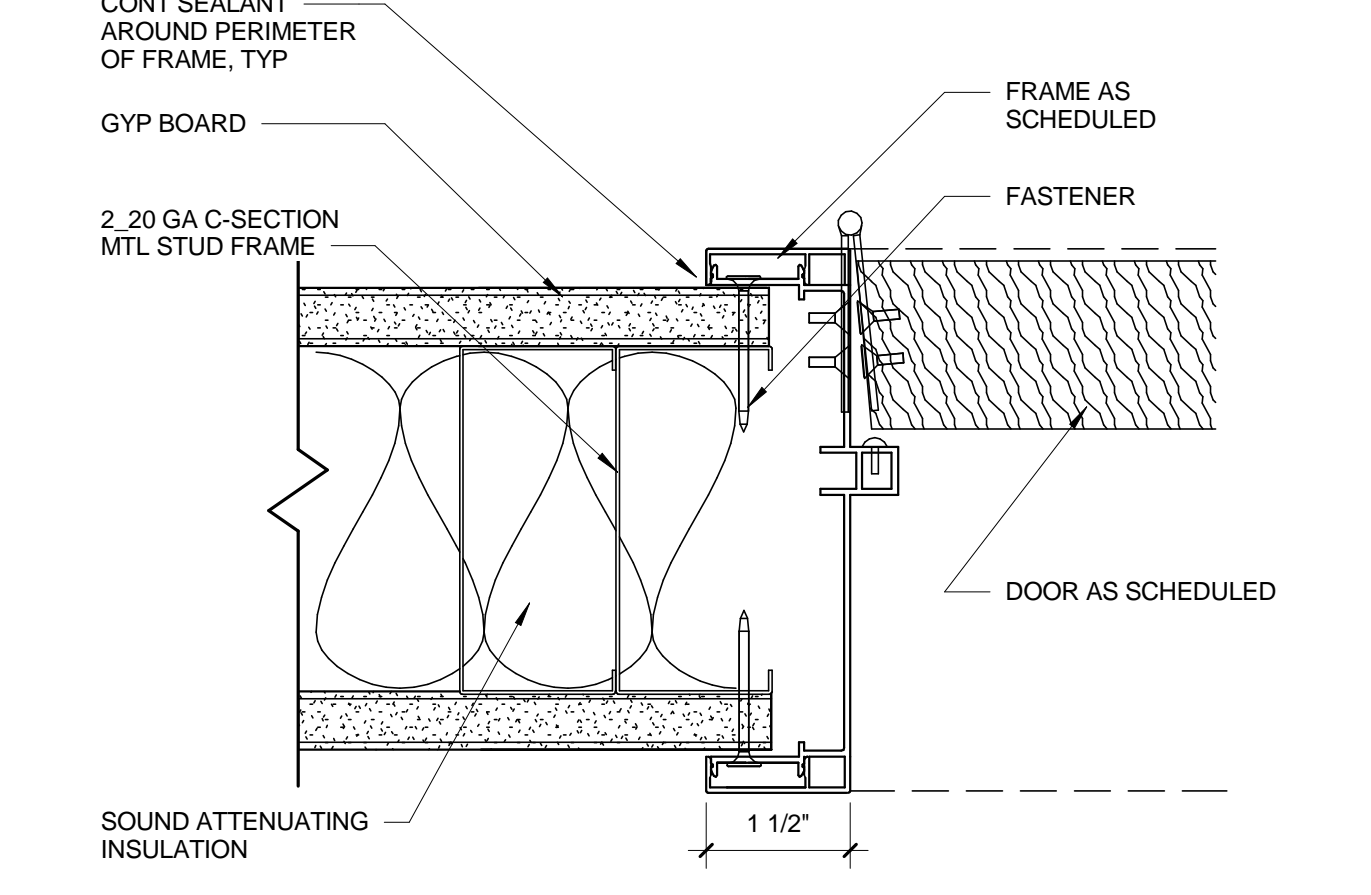
**E3**  
A710  
**GLASS WALL SYSTEM AT SILL**  
SCALE: 6" = 1'-0"



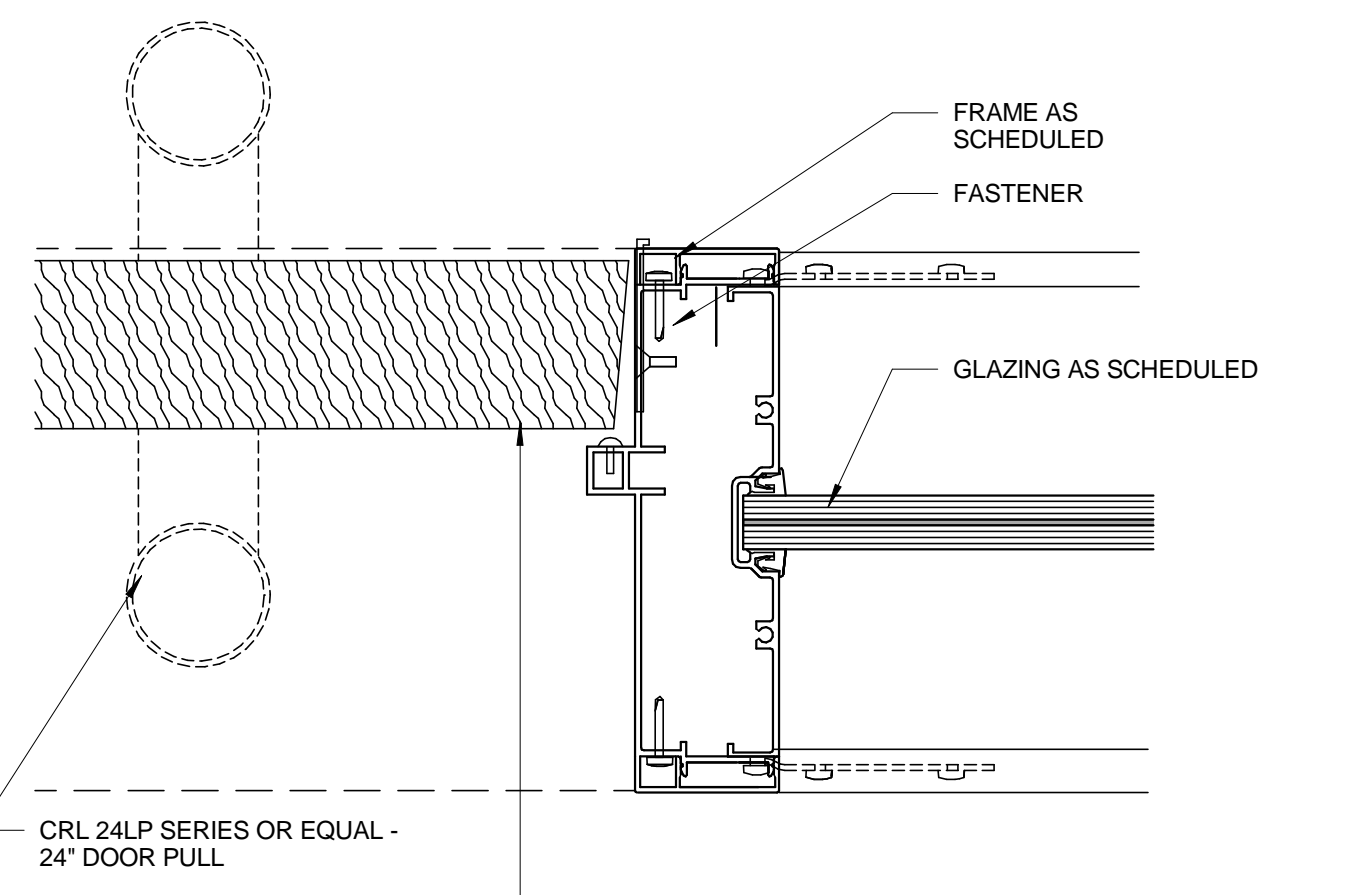
**C1**  
A710  
**GLASS WALL SYSTEM AT INTERMEDIATE VERTICAL MULLION DETAIL**  
SCALE: 6" = 1'-0"



**C3**  
A710  
**GLASS WALL SYSTEM AT FLOOR STILL DETAIL**  
SCALE: 6" = 1'-0"

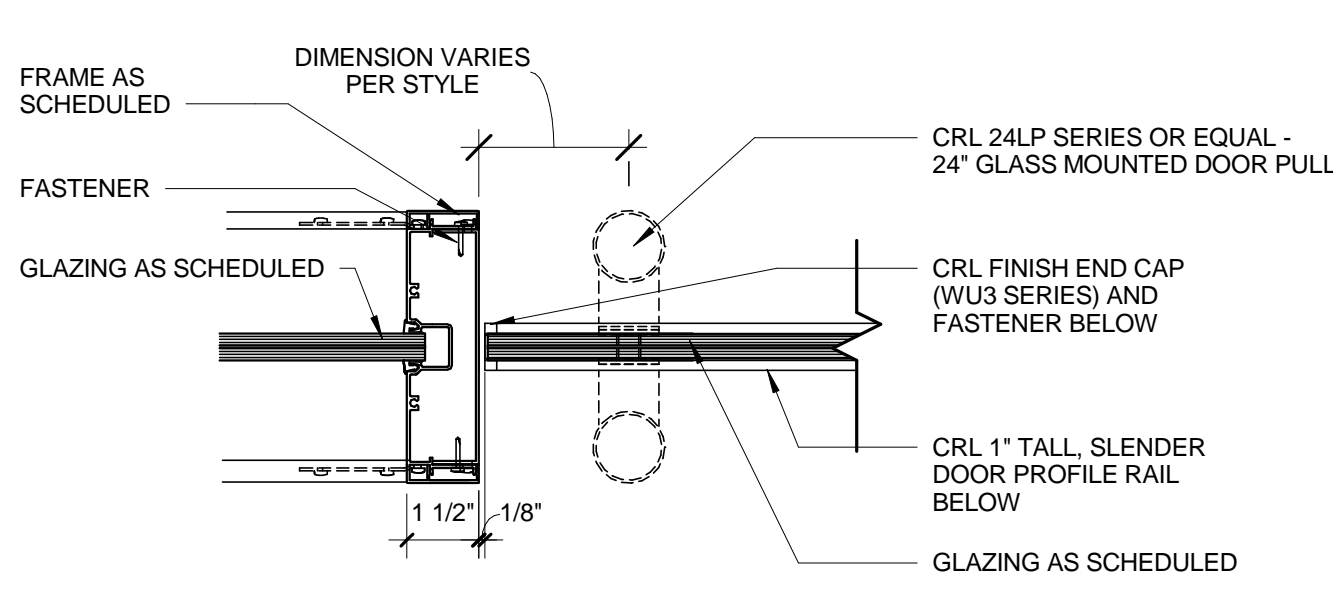


**A1**  
A710  
**GLASS WALL SYSTEM AT WOOD DOOR JAMB DETAIL**  
SCALE: 6" = 1'-0"

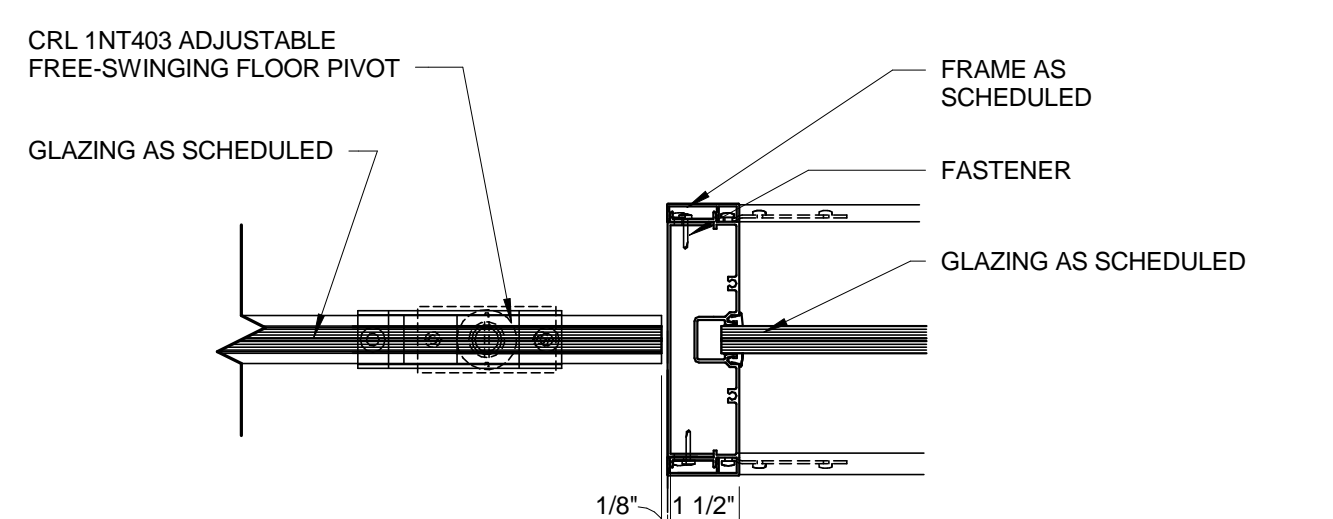


**A3**  
A710  
**GLASS WALL SYSTEM AT WOOD DOOR INTERMEDIATE JAMB DETAIL**  
SCALE: 6" = 1'-0"

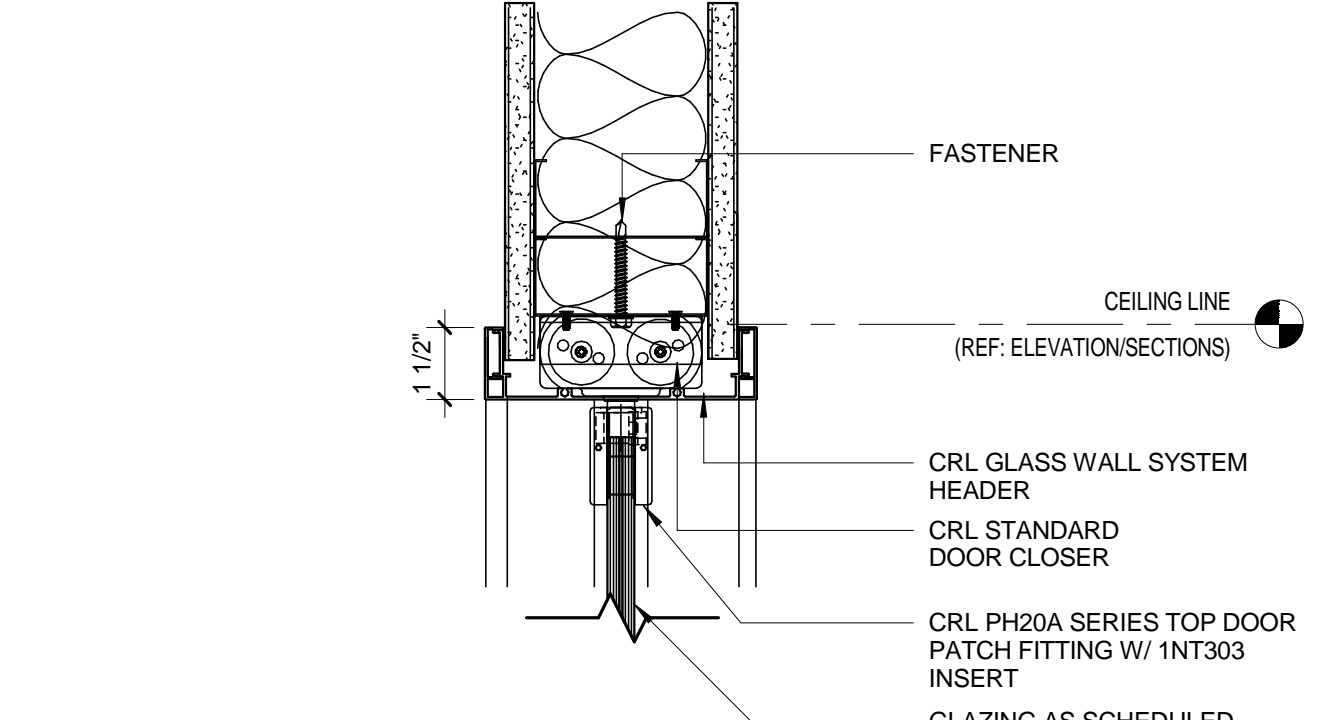
DOOR SCHEDULE PHASE 1														
MARK	ROOM NUMBER	ROOM NAME	DOOR					FRAME			FINISH		HARDWARE	NOTES
			DOOR SIZE	THICK	MATL	FINISH	RATING	TYPE	GLAZ	MATL	TYPE	GLAZ		
104	104	PHONE CENTER	3'-0" X 8'-0"	1 1/2"	GL	HM	PNT	-	C	G1	GL	-	GL	G2
104B	104	PHONE CENTER	3'-0" X 8'-0"	1 3/4"	HM	PNT	-	B	G1	HM	-	PNT	G3	
106	106	CONFERENCE ROOM	3'-0" X 8'-0"	1 3/4"	SC	PNT	-	A	-	HM	-	PNT	G1	
106	106	BREAKROOM	3'-0" X 8'-0"	1 3/4"	SC	PNT	-	A	-	HM	-	PNT	G1	
120A	120	CEDS DEPUTY DIRECTOR	3'-0" X 8'-0"	1 3/4"	SC	PNT	-	A	G2	HM	-	PNT	G4	



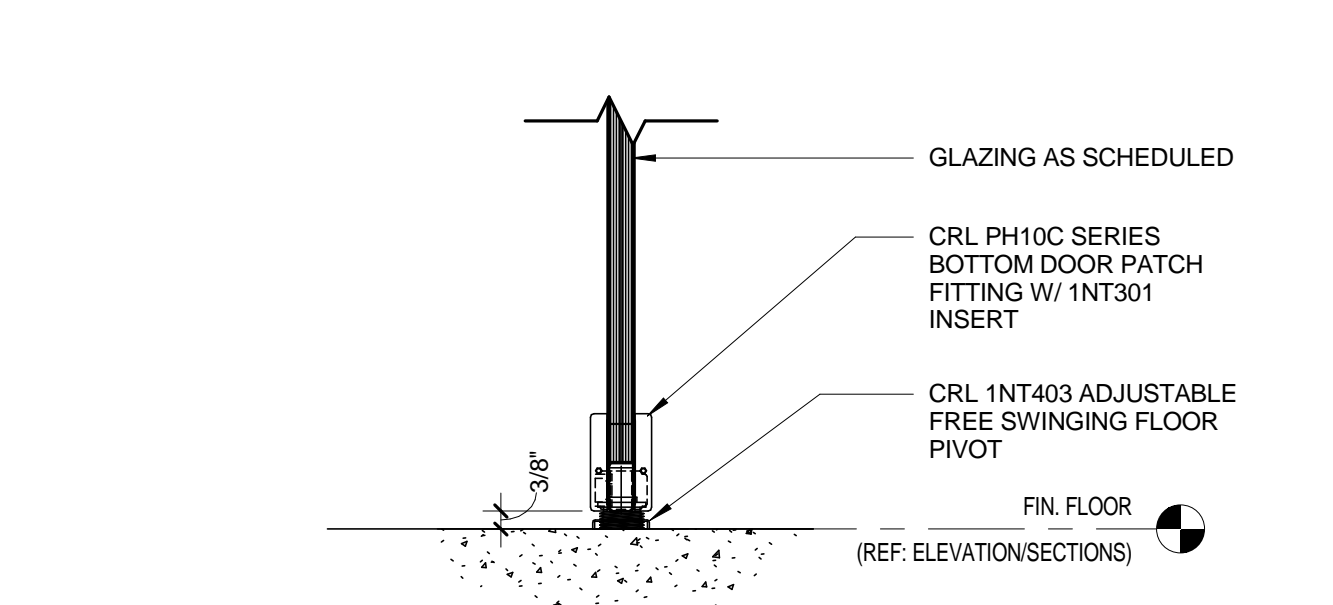
**G5**  
A710  
**GLASS WALL SYSTEM AT GLAZED DOOR PULL JAMB DETAIL**  
SCALE: 3" = 1'-0"



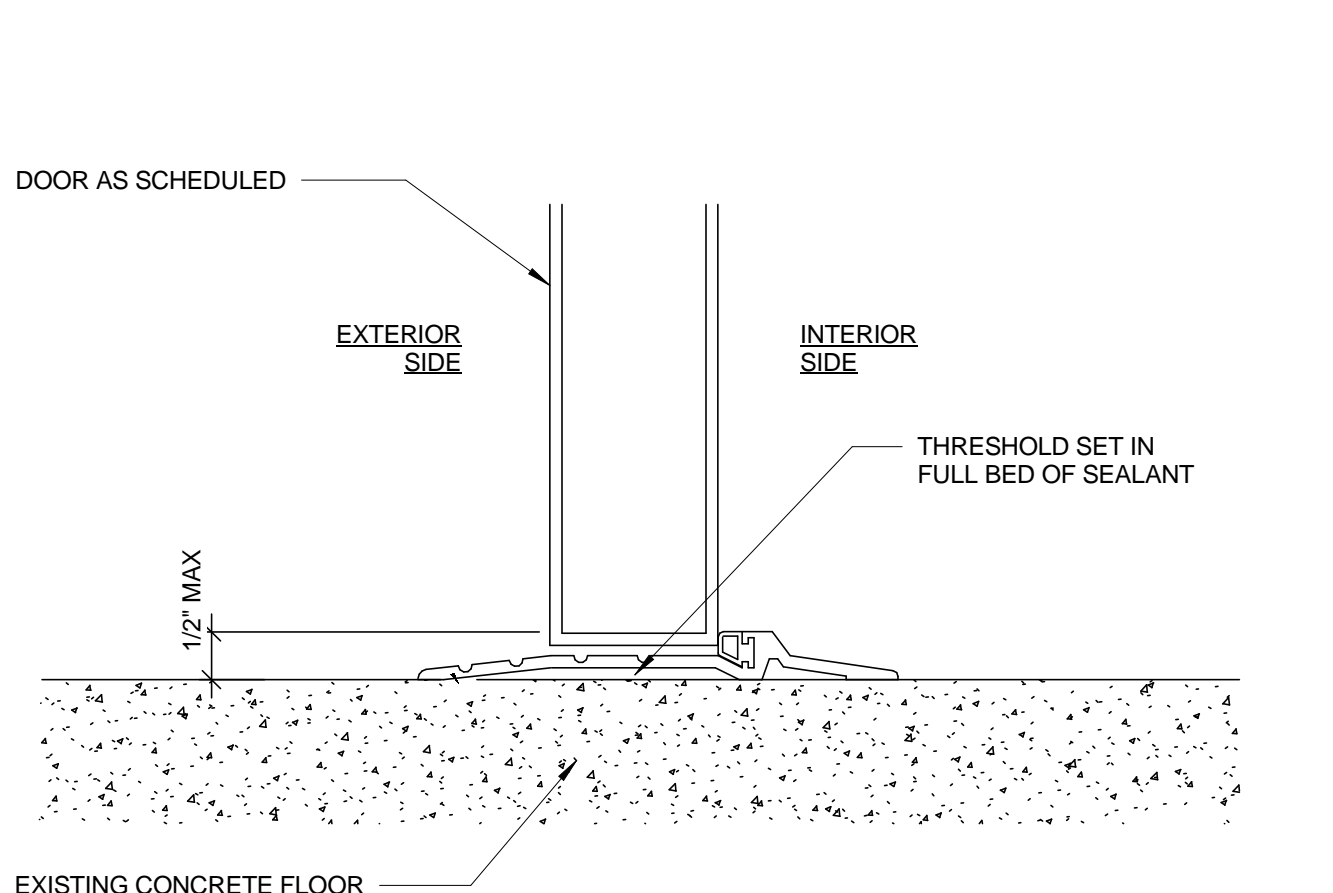
**F5**  
A710  
**GLASS WALL SYSTEM AT GLAZED DOOR PIVOT JAMB DETAIL**  
SCALE: 3" = 1'-0"



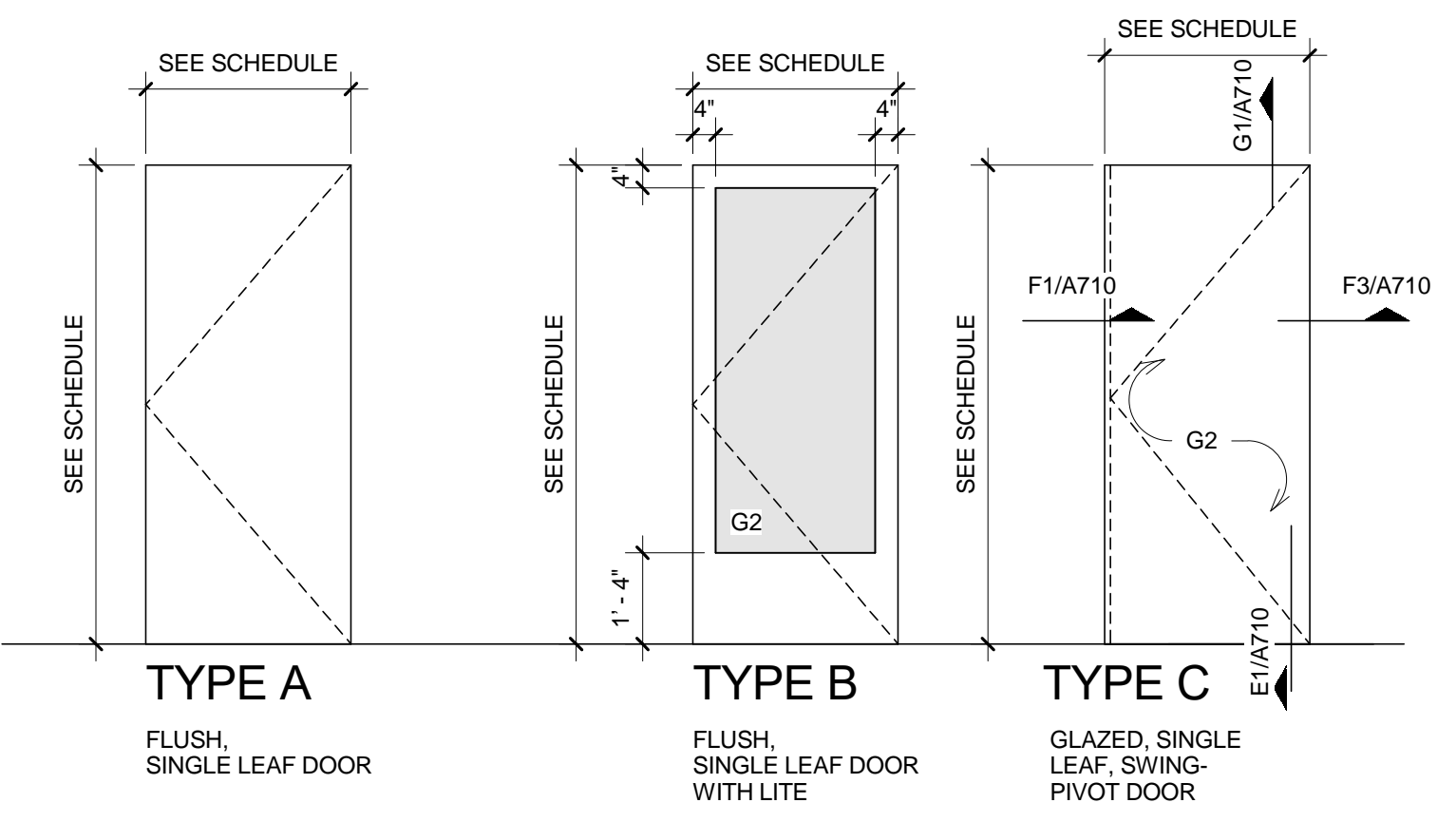
**E5**  
A710  
**GLASS WALL SYSTEMS AT GLAZED DOOR HEAD CLOSER**  
SCALE: 3" = 1'-0"



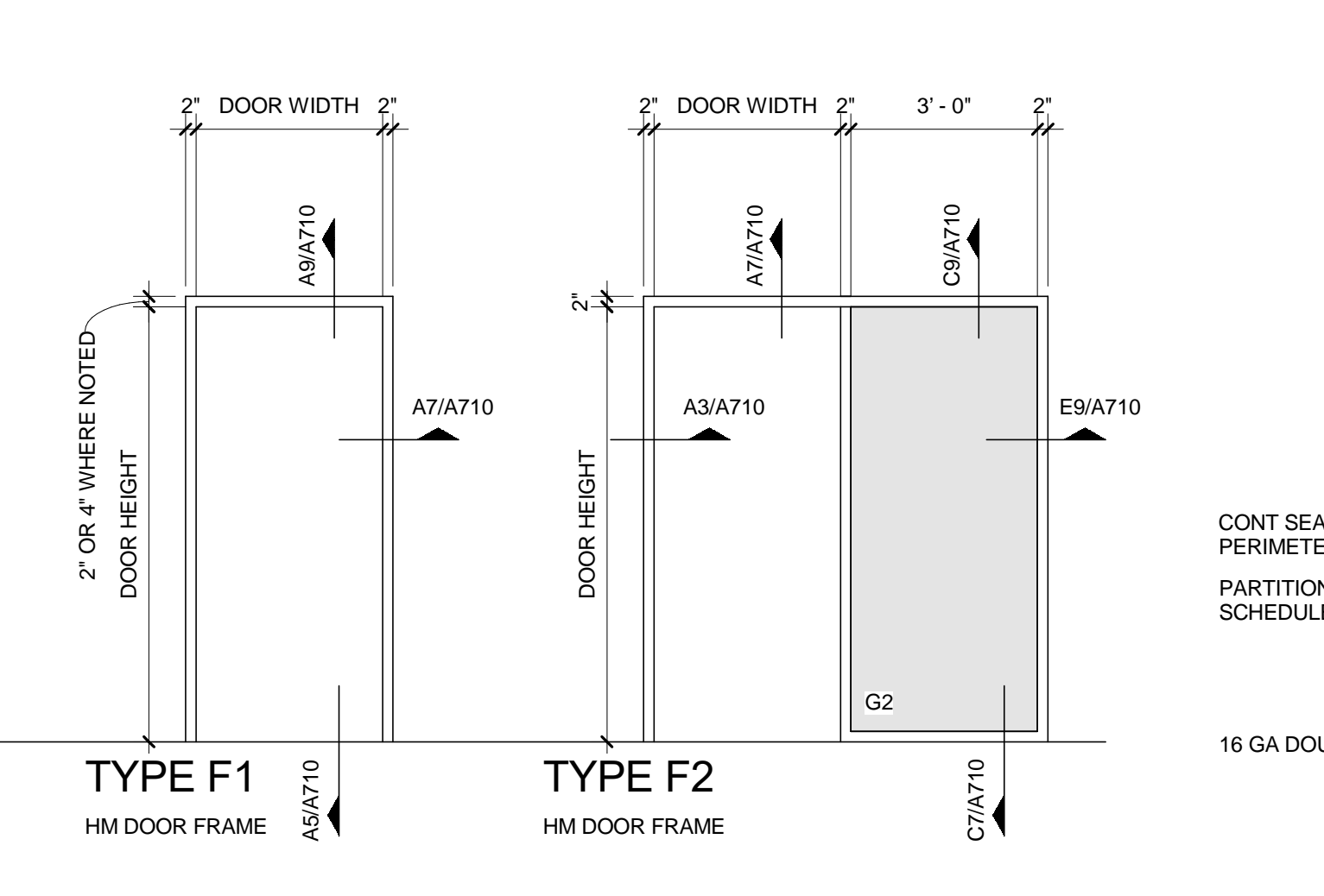
**C5**  
A710  
**GLAZED DOOR SILL AT PIVOT**  
SCALE: 3" = 1'-0"



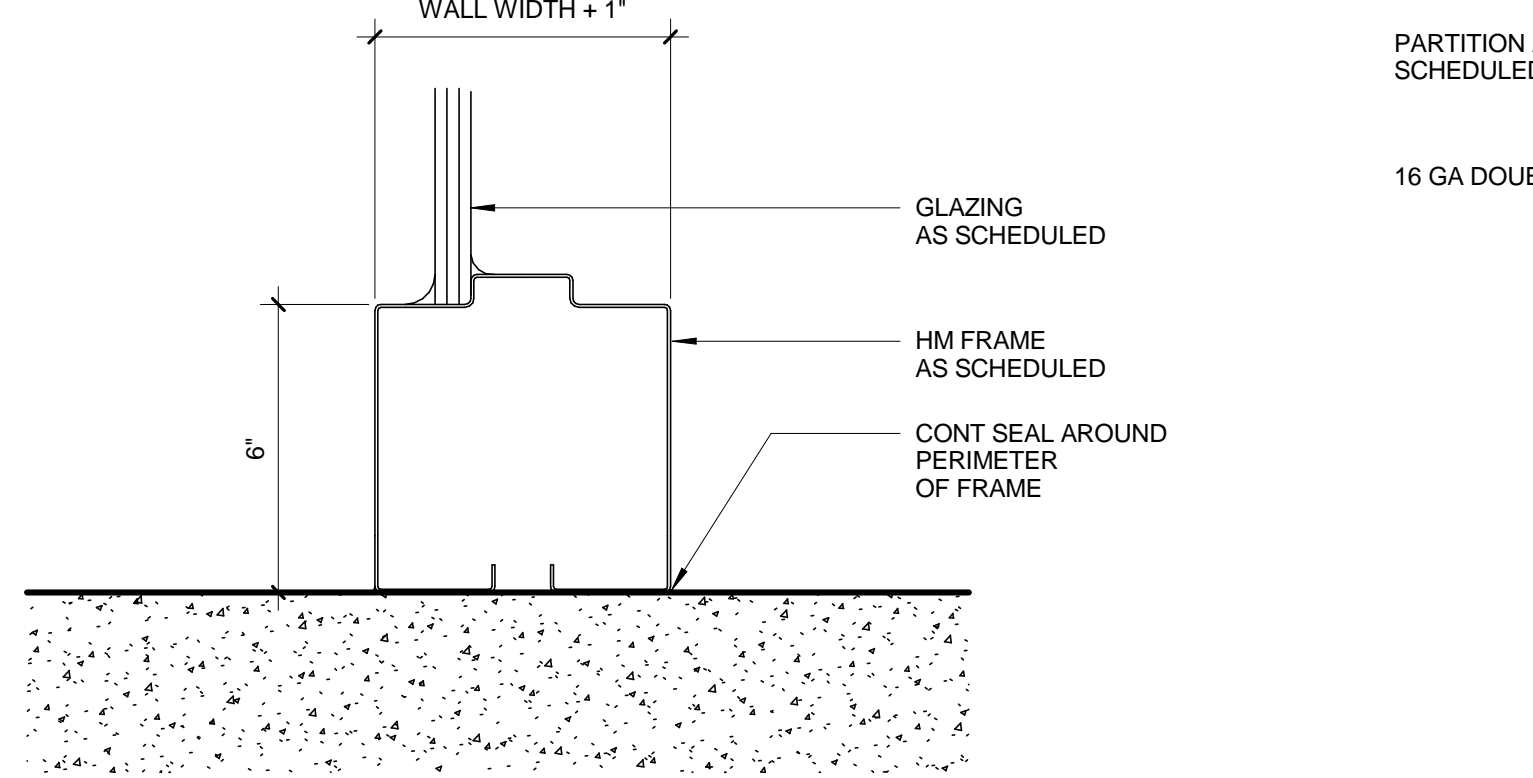
**A5**  
A710  
**HM THRESHOLD TYPICAL**  
SCALE: 3" = 1'-0"



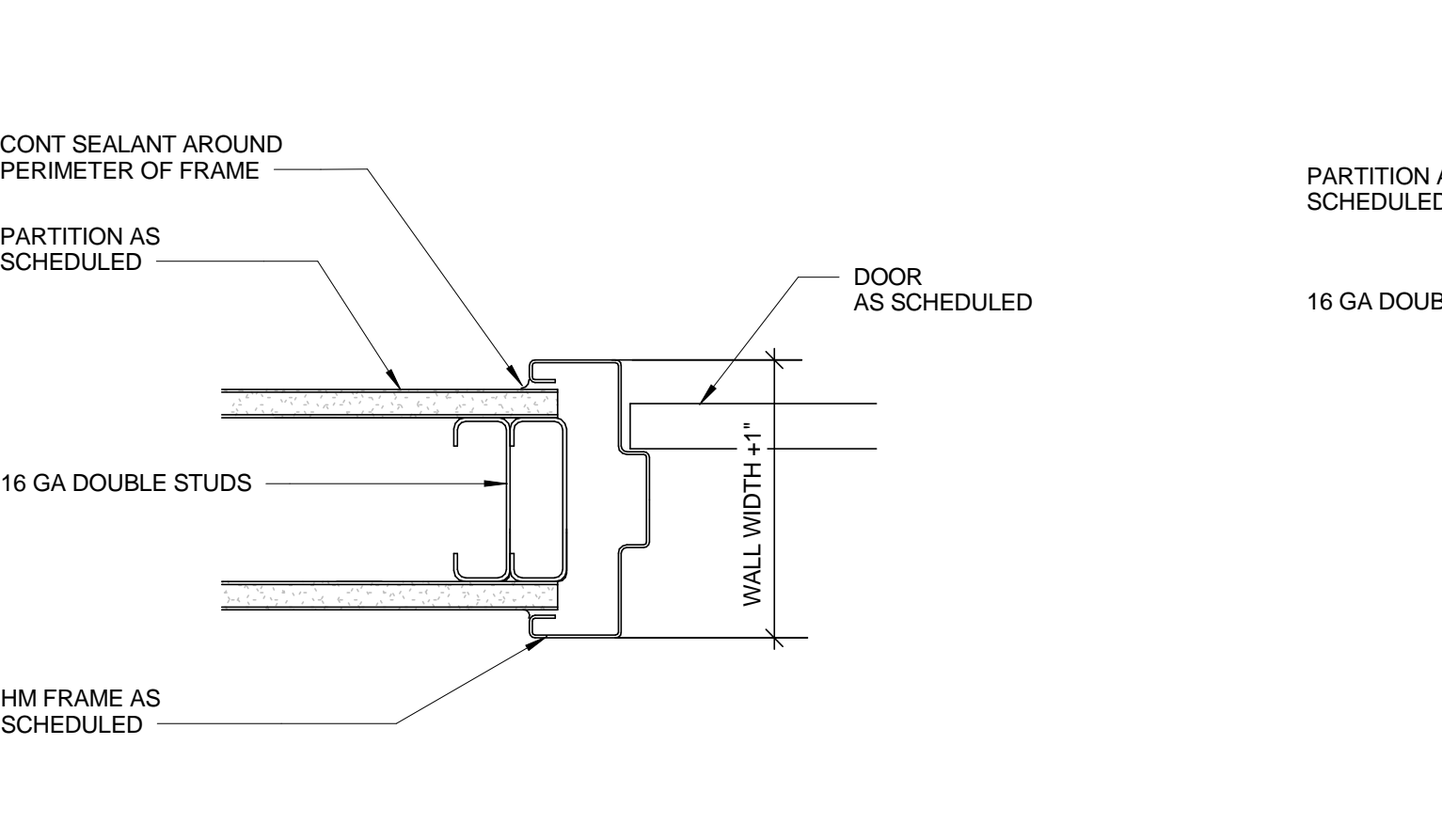
**G7**  
A710  
**DOOR TYPE ELEVATIONS**  
SCALE: 3/8" = 1'-0"



**E7**  
A710  
**FRAME TYPE ELEVATIONS**  
SCALE: 3/8" = 1'-0"



**C7**  
A710  
**HM SIDELIGHT DETAIL**  
SCALE: 3" = 1'-0"



**A7**  
A710  
**HM JAMB AT MTL STUD FRAMING**  
SCALE: 3" = 1'-0"

**DOOR SCHEDULE NOTES**

- ACCESS-CONTROLLED CARD READER AT THIS LOCATION; REFER TO ELECTRICAL / TECHNOLOGY DRAWINGS FOR ADDITIONAL INFORMATION.

**DOOR MATERIAL ABBREVIATIONS**

AL ALUMINUM  
HM HOLLOW METAL DOOR OR FRAME  
STL STEEL  
SC SOLID CORE WOOD DOOR  
ACC ACCESS CONTROL CARD READER  
GL GLAZING  
PNT PAINTED

**GLAZING MATERIAL TYPES**

G1 1/2" MONOLITHIC TEMPERED GLASS - CLEAR  
G1A - GLAZING WITH 3M PASARA GLASS PRIVACY FILM - CLOUD BURN GRADIENT FINISH OR EQUAL  
G2 GLAZING TO MATCH EXISTING INTERIOR GLAZING (ADJACENT SIDELIGHT DOOR)

**GLAZING MATERIAL NOTES**

- SELECTED EXISTING EXTERIOR WINDOW TO HAVE 3M PRESTIGE SERIES PR40 WINDOW FILM INSTALLED, COLOR TO MATCH EXISTING.
- GLASS WALL SYSTEM FRAME BASIS OF DESIGN TO BE CRL 487 SERIES OFFICE PARTITIONS WITH FINISH 11 CLEAR ANODIC COATING BY CRL US ALUMINUM SYSTEMS OR EQUAL.

**DOOR / HARDWARE GENERAL NOTES:**

- ALL DOORS SHALL COMPLY WITH THE CLEARANCES FOR APPROACHES PER "ADA" REQUIREMENTS.
- ALL HARDWARE SHALL BE UNLOCKED IN THE DIRECTION OF EGRESS, REGARDLESS OF OTHER LOCK FUNCTIONS.
- ALL GLAZING SHALL BE SAFETY IMPACT GLASS TO COMPLY WITH FBC SECTION 2406.2
- CAULK DOOR JAMB AND HEADS WHERE GAPS EXCEEDS 1/16" TYPICAL.
- DOORS SHALL OPERATE FREELY WITHOUT BINDING.
- DOOR FRAMES SHALL BE SECURED RIGIDLY IN PLACE AND BRACED TO FLOOR AND STRUCTURE ABOVE TO PREVENT BREAK OUT TO PARTITIONS.
- DOOR UNDERCUTS SHALL BE KEPT TO A MINIMAL DIMENSION AND SHALL BE UNIFORM THROUGHOUT PROJECT, U.N.O.
- INSTALLATION OF ALL DOORS AND HARDWARE SHALL MEET MIN. "ADA" REQUIREMENTS. IF ANY CONFLICTS ARISE, THE ITEM MUST BE BROUGHT TO THE ARCHITECT'S ATTENTION PRIOR TO CONSTRUCTION.
- PROVIDE THREE JAMB ANCHORS AND ONE BASE ANCHOR PER JAMB AT GYPSUM WALLBOARD PARTITIONS, TYP.
- PROVIDE FRAME ROUGH OPENINGS AS RECOMMENDED BY FRAME MANUFACTURER.
- PROVIDE STANDARD DOOR FRAME PROFILES AS REQUIRED TO MEET ADJACENT CONDITIONS.
- PROVIDE ANCHORS AND ACCESSORIES AS REQUIRED (REOD) FOR CONDITIONS AS RECOMMENDED BY THE MANUFACTURER (MFR).
- ERECT ALL DOOR FRAMES AND ADJACENT WALLS TO CONFORM TO THE APPLICABLE PLAN CONFIGURATIONS. NOTIFY ARCHITECT OF ANY CONFLICTS PRIOR TO INSTALLATION OF DOOR FRAMES AND ADJACENT WALLS.
- VERIFY CEILING HEIGHTS FOR ALL DOORS LEADING TO EXISTING CORRIDORS TO CONFIRM DOOR HEIGHTS.
- REFER TO FINISH SCHEDULE FOR ALL FINISH MATERIALS AND FINISH LOCATIONS
- FIELD VERIFY ALL OPENING DIMENSIONS PRIOR TO WORK.



CAPITAL PROJECTS DIVISION

**ORANGE COUNTY GOVERNMENT**

DIVISION OF BUILDING SAFETY RENOVATION

**PHASE 1**

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Maximiano Brito, RA, AIA  
FL Reg. No. AR0015108

BID DOCUMENTS

DATE	SUBMISSION / REVISION	NO.

**DOOR AND GLASS WALL SYSTEM - SCHEDULE AND DETAILS**

SCALE: AS INDICATED

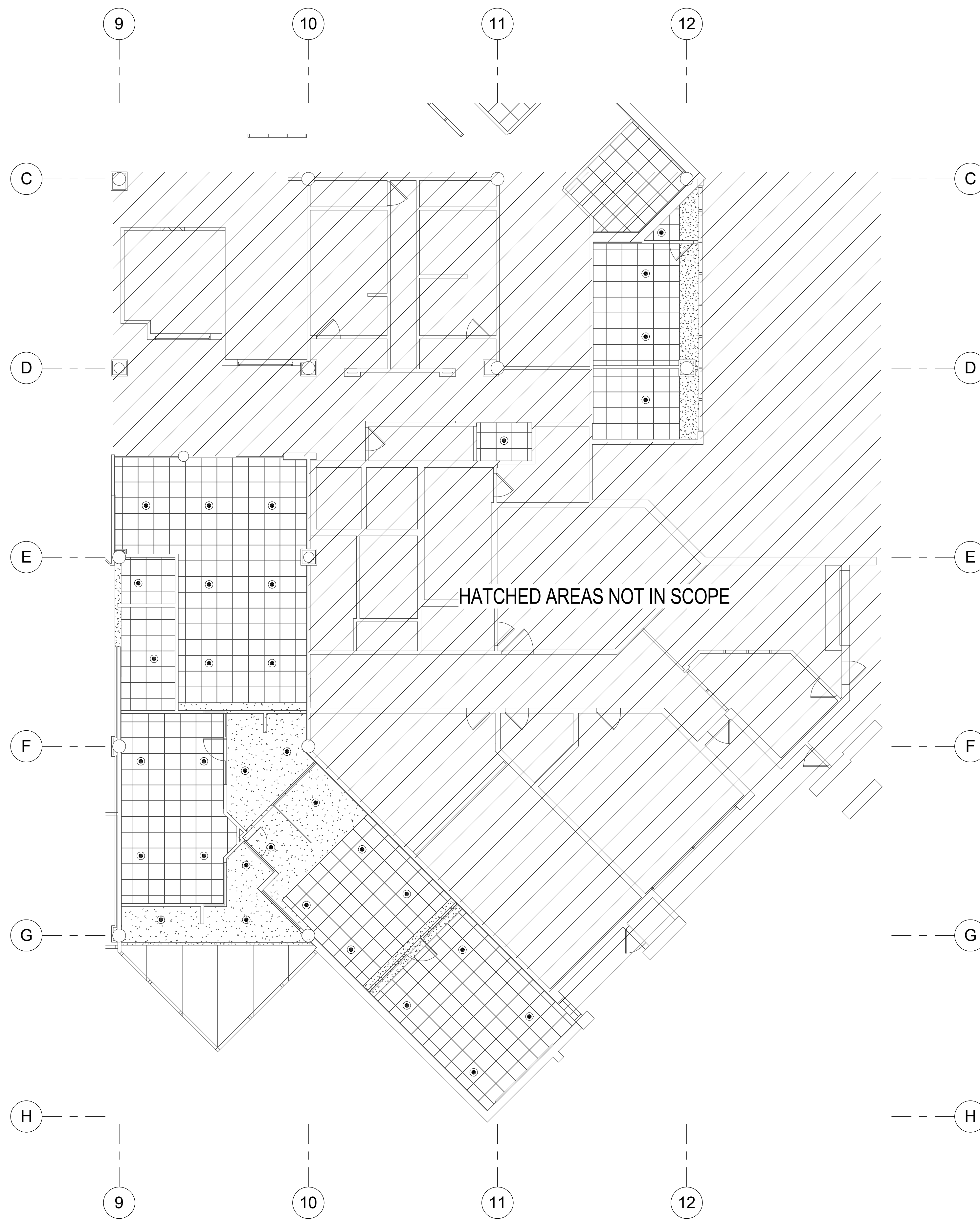
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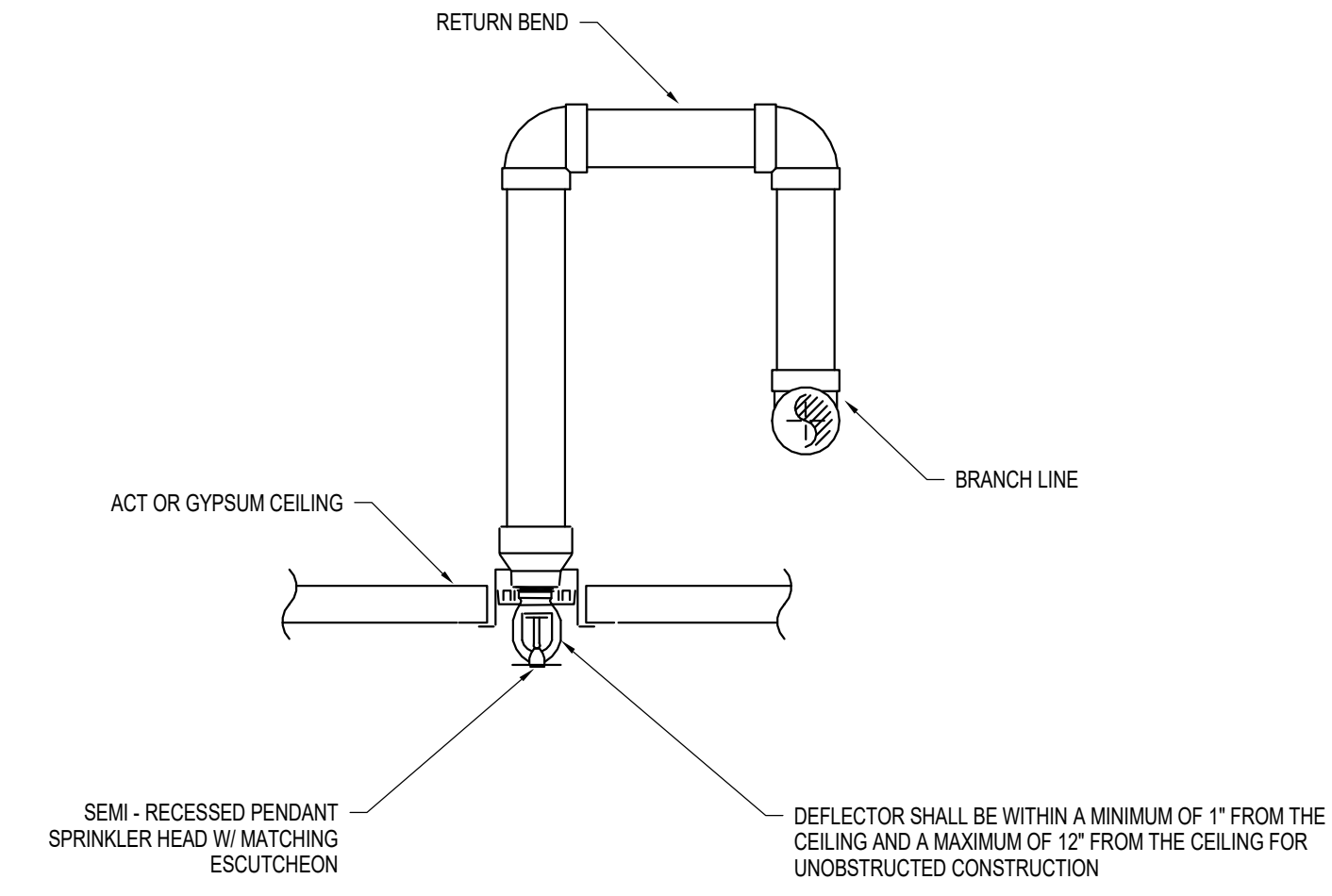
DATE: September 22, 2017

PROJECT NUMBER: 15012-0031

**A710**



**1 FIRST FLOOR SPRINKLER**  
SCALE: 1/8" = 1'-0"



**2 SEMI RECESSED PENDANT SPRINKLER HEAD DETAIL**  
SCALE: NOT TO SCALE

**SPRINKLER SYSTEM GENERAL NOTES:**

1. SPRINKLER SYSTEM SHALL BE DESIGNED AND INSTALLED IN ACCORDANCE WITH NFPA 13 AND THE FIRE PREVENTION CODE, 5TH EDITION. CONTRACTOR IS RESPONSIBLE FOR FINAL SPRINKLER SYSTEM PIPE LAYOUT AND SIZING. SPRINKLER HYDRAULIC CALCULATIONS AND COORDINATION WITH OTHER TRADES. CONTRACTOR SHALL PROVIDE ALL MATERIALS REQUIRED FOR A FULLY OPERATIONAL SPRINKLER SYSTEM.
2. CONTRACTOR SHALL CONDUCT FLOW TESTING TO OBTAIN BASELINE WATER SUPPLY INFORMATION FOR SYSTEM INSTALLATION DRAWINGS.
3. SPRINKLER SYSTEM HYDRAULIC CALCULATIONS SHALL INCORPORATE A MINIMUM 10% SAFETY FACTOR.
4. ALL SPRINKLERS IN AREAS WITH ACOUSTIC CEILING TILE SHALL BE MOUNTED CENTER OF TILE IN TWO DIRECTIONS. COORDINATE WITH ARCHITECTURAL DRAWINGS FOR CEILING FINISH/TYPES.
5. SPRINKLERS SHALL BE QUICK RESPONSE TYPE UNLESS OTHERWISE NOTED.
6. ALL PENETRATIONS THROUGH FIRE RATED PARTITIONS SHALL BE APPROPRIATELY FIRE STOPPED AS SPECIFIED AND DETAILED.

**SPRINKLER SYSTEM IMPAIRMENT NOTES:**

1. PRIOR TO REMOVING ANY FIRE PROTECTION SYSTEM FROM SERVICE THE FIRE PROTECTION CONTRACTOR SHALL NOTIFY THE OWNER, LOCAL FIRE DEPARTMENT AND CODE ENFORCEMENT OFFICIAL IN WRITING A MINIMUM OF 48 HOURS BEFORE HAND THAT THE SYSTEM IS TO BE REMOVED FROM SERVICE. THE NOTIFICATION SHALL INCLUDE THE DATE AND TIME THE SYSTEM WILL BE REMOVED FROM SERVICE AND THE PROJECTED DATE AND TIME THE SYSTEM WILL BE RESTORED.
2. DURING ANY FIRE PROTECTION SYSTEM OUTAGES THE BUILDING SHALL BE PROVIDED WITH A FIRE WATCH AS REQUIRED BY THE FIRE CODE OF FLORIDA. THE SOLE RESPONSIBILITY OF THE INDIVIDUAL ASSIGNED TO THE WATCH SHALL BE TO PERFORM CONSTANT PATROLS OF THE IMPAIRED AREA TO KEEP WATCH FOR FIRES. THE FIRE WATCH SHALL BE PROVIDED WITH AN APPROVED MEANS OF NOTIFICATION FOR THE FIRE DEPARTMENT.
3. THE FIRE DEPARTMENT CONNECTION SHALL BE AFFIXED WITH A OUT OF SERVICE SIGN WHENEVER THE SPRINKLER SYSTEM MAIN CONTROL VALVE IS CLOSED. THE SIGN SHALL BE PROVIDED, INSTALLED AND POLICED BY THE FIRE PROTECTION CONTRACTOR.
4. ALL FIRE PROTECTION SYSTEM IMPAIRMENTS SHALL OCCUR IN ACCORDANCE WITH THE FLORIDA FIRE PREVENTION CODE, 5TH EDITION.
5. THE SYSTEM IMPAIRMENT FOR THE RENOVATION SHALL BE CONDUCTED AS A PRE-PLANNED IMPAIRMENT. TO MINIMIZE THE IMPAIRMENT TIME ALL NECESSARY TOOLS AND MATERIALS SHALL BE ASSIGNED ON-SITE PRIOR TO REMOVING THE SYSTEM FROM SERVICE.
6. WITHIN 24 HOURS OF RESTORING ANY FIRE PROTECTION SYSTEM TO SERVICE THE FIRE PROTECTION CONTRACTOR SHALL PROVIDE IN WRITING TO THE OWNER, LOCAL FIRE DEPARTMENT AND CODE ENFORCEMENT OFFICIAL CERTIFICATION THAT THE FOLLOWING HAS BEEN IMPLEMENTED:
  - A. ALL INSPECTIONS AND TEST HAVE BEEN COMPLETED TO INSURE THE AFFECTED SYSTEM IS OPERATIONAL.
  - B. THE IMPAIRMENT TAG HAS BEEN REMOVED.
  - C. THE OWNER AND/OR OCCUPANT HAVE BEEN INSTRUCTED ON THE OPERATION OF THE SYSTEM.
  - D. THE THIRD PARTY MONITORING COMPANY HAS BEEN ADVISED THAT THE SYSTEM IS IN SERVICE.

**GENERAL SPECIFICATIONS:**

- A. GENERAL: THE WORK COVERED CONSISTS OF FURNISHING ALL LABOR AND MATERIALS NECESSARY TO INSTALL, COMPLETE AND READY FOR CONTINUOUS OPERATION, THE FIRE PROTECTION SYSTEMS, APPARATUS AND EQUIPMENT FOR THE WET PIPE SPRINKLER SYSTEM PROTECTING THE INDICATED AREAS.
- B. SHOP DRAWINGS: SHOP DRAWINGS OF ALL SPECIFIED EQUIPMENT AND APPARATUS SHALL BE SUBMITTED TO THE ENGINEER OF RECORD FOR APPROVAL.
- C. CODES: ALL EQUIPMENT AND MATERIALS FURNISHED UNDER THE FIRE PROTECTION SUB-CONTRACT LABOR AND TESTING PERFORMED HEREIN SHALL BE IN COMPLETE ACCORDANCE WITH THE FLORIDA BUILDING CODE 5TH ED. LOCAL ORDINANCES, NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) AND INSURANCE REGULATIONS AND REQUIREMENTS CONCERNING SUCH WORK.
- D. PERMITS: ANY AND ALL PERMITS REQUIRED FOR INSTALLATION OF ANY MATERIAL SHALL BE OBTAINED AS PART OF THE WORK OF THE SPECIFICATION INCLUDING ALL FEES OR EXPENSES INCURRED.
- E. INSTRUCTIONS: DURING THE ASSEMBLY AND INSTALLATION OF ALL FIRE PROTECTION SYSTEMS, THE OWNER'S OPERATING PERSONNEL SHALL BE INSTRUCTED REGARDING ITS OPERATION AND MAINTENANCE. A ONE (1) DAY INSTRUCTION PERIOD SHALL BE PROVIDED AFTER COMPLETION OF PROJECT. OPERATION AND MAINTENANCE MANUALS SHALL BE REQUIRED.
- F. GUARANTEE: ALL MATERIALS AND EQUIPMENT FURNISHED AND INSTALLED SHALL BE GUARANTEED IN WRITING FOR ONE (1) YEAR FROM THE DATE OF ACCEPTANCE OF THE BUILDING BY THE OWNER.
- G. SHOP DRAWINGS: THE FIRE PROTECTION SUBCONTRACTOR SHALL MAINTAIN AT THE JOB AT ALL TIMES, A COMPLETE AND SEPARATE SET OF BLACKLINE PRINTS OF THE FIRE PROTECTION DRAWINGS OF THE TRADE ON WHICH THEY SHALL MARK CLEARLY, NEATLY, ACCURATELY AND PROMPTLY AS THE WORK PROGRESSES. TWO SETS OF "AS-BUILT" DRAWINGS SHALL BE FURNISHED BY THE FIRE PROTECTION SUBCONTRACTOR AT JOB COMPLETION. THE FIRE PROTECTION CONTRACTOR'S DESIGN ENGINEER SHALL CERTIFY THAT THE COMPLETED INSTALLATION COMPLIES WITH ALL APPLICABLE CODES AND UNDERWRITERS' REQUIREMENTS.
- H. INSPECTION: ALL WORK SHALL BE SUBJECT TO THE INSPECTION OF THE OWNER, THE ARCHITECT AND SUCH OTHER INSPECTORS HAVING JURISDICTION. A PROPERLY EXECUTED CERTIFICATE OF INSPECTION SHALL BE PROVIDED.
- I. EXAMINATION OF SITE: THE FIRE PROTECTION SUBCONTRACTOR, BEFORE SUBMITTING SHOP DRAWINGS OR BEGINNING WORK, SHALL THOROUGHLY EXAMINE THE SITE AND CONTRACT DOCUMENTS. NO CLAIM FOR EXTRA COMPENSATION WILL BE RECOGNIZED IF DIFFICULTIES WHICH AN EXAMINATION OF SITE CONDITIONS AND CONTRACT DOCUMENTS TO THE EXISTING CONTRACT WOULD HAVE REVEALED.
- J. COORDINATION: COORDINATE ALL WORK INSTALLED UNDER THIS SPECIFICATION WITH THAT OF ALL OTHER TRADES.
- K. PROTECTION OF PROPERTY: PROTECT ALL NEW AND EXISTING WORK BEFORE, DURING AND AFTER INSTALLATION.
- L. TESTS: THE FIRE PROTECTION SUBCONTRACTOR SHALL PERFORM ALL TESTS IN ACCORDANCE WITH NFPA AT THE COMPLETION OF THE WORK AND THE RESULTS FURNISHED TO THE OWNER AND ARCHITECT IN WRITING.
- M. CERTIFICATES OF APPROVAL: UPON COMPLETION OF ALL WORK, THE FIRE PROTECTION SUBCONTRACTOR SHALL FURNISH, IN DUPLICATE, CERTIFICATES OF INSPECTIONS FROM ALL INSPECTORS AND AUTHORITIES HAVING JURISDICTION. NOTICED LETTERS FROM THE MANUFACTURERS STATING THAT MANUFACTURED FACTORY ENGINEERS HAVE INSPECTED AND TESTED THE INSTALLATION OF THEIR RESPECTIVE SYSTEMS AND FOUND SAME TO BE IN PERFECT OPERATING CONDITION.
- N. CONTRACT DRAWINGS: THE CONTRACT DRAWINGS ARE DIAGRAMMATIC AND INDICATE ONLY THE GENERAL ARRANGEMENTS OF WORK. IT IS NOT THE INTENT OF THESE DRAWINGS TO SHOW EVERY PIPE, RISE, DROP, ELBOW, ETC. ANY ADDITIONAL WORK NOT SHOWN AND REQUIRED TO INSTALL THE FIRE PROTECTION SYSTEMS SHALL BE INCLUDED AS PART OF THIS CONTRACT.
- O. CONTINUITY OF SERVICES: SERVICES SHALL BE MAINTAINED IN ALL AREAS WHICH WILL BE OCCUPIED DURING THE CONSTRUCTION PERIOD. IF AN INTERRUPTION OF SERVICE BECOMES NECESSARY, SUCH SHALL BE MADE ONLY UPON CONSENT OF THE OWNER AT A TIME OUTSIDE NORMAL WORKING HOURS AS HE SHALL DESIGNATE. REFER TO THE OVERALL SCHEDULING OF THE WORK OF THE PROJECT. SCHEDULE WORK TO CONFORM TO THIS SCHEDULE AND INSTALL WORK TO NOT DELAY NOR INTERFERE WITH THE PROGRESS OF THE PROJECT.

**SCOPE:**

- A. THE WORK OF THIS SECTION CONSISTS OF ALL LABOR, MATERIALS AND EQUIPMENT REQUIRED TO PROVIDE ALL FIRE PROTECTION WORK COMPLETE, IN PLACE, AS SHOWN ON THE DRAWINGS, SPECIFIED HEREIN AND AS NECESSARY FOR A PROPER INSTALLATION.
- B. THE EXTENT OF THE FIRE PROTECTION SHALL INCLUDE, BUT NOT BE LIMITED TO THE FOLLOWING:
  - B.1. COMPLETE AUTOMATIC WET PIPE FIRE SUPPRESSION SPRINKLER SYSTEM.
  - B.2. SHOP DRAWINGS AND HYDRAULIC CALCULATIONS.
  - B.3. SUBMITTALS AND ACCEPTANCE TESTING.

**RELATED WORK:**

- THE FOLLOWING EQUIPMENT ITEMS AND WORK SHALL NOT BE THE RESPONSIBILITY OF THIS CONTRACTOR:
- A. TEMPORARY WATER, HEAT, FIRE PROTECTION AND TOILET FACILITIES
  - B. TEMPORARY POWER AND LIGHTING
  - C. FLASHING AND CAULKING
  - D. FINISH PAINTING
  - E. HEATING, VENTILATING AND AIR CONDITIONING
  - F. PLUMBING
  - G. ELECTRICAL POWER AND WIRING.

**MATERIALS/PRODUCTS:**

- PIPE AND FITTINGS:
- A. SCHEDULE 40 BLACK STEEL PIPE WITH BLACK CAST IRON SCREWED SPRINKLER FITTINGS SUITABLE FOR 175 PSI WORKING PRESSURE.

**PIPE SLEEVES, HANGERS, AND SUPPORTS:**

- A. ALL PIPING SHALL BE PROPERLY SUPPORTED FROM BUILDING STRUCTURE IN ACCORDANCE WITH NFPA 13 AND THE MANUFACTURER'S RECOMMENDATIONS. PROVIDE SCHEDULE 40 STEEL SLEEVES EXTEND 1 INCH ABOVE FLOOR. MAKE WATER-TIGHT AND SEAL WITH MATERIAL THAT MAINTAINS FIRE RATING. PROVIDE CORE DRILLING WHERE REQUIRED AND PROVIDE FIRE RATED LINK SEAL PENETRATION CLOSURES.

**SPRINKLERS:**

- A. SPRINKLERS SHALL BE GLASS BULB, QUICK RESPONSE TYPE, 155°F, 5.6K-FACTOR.
- B. SPRINKLERS SHALL BE PENDENT TYPE TO MATCH EXISTING.
- C. SPARE SPRINKLERS, CABINET AND WRENCH SHALL BE PROVIDED IN ACCORDANCE WITH NFPA 13.
- D. EXTENDED COVERAGE SPRINKLERS SHALL BE USED.
- E. MANUFACTURER: TYCO, RELIABLE, VIKING OR APPROVED EQUAL.

**PIPE IDENTIFICATION:**

- A. ALL FIRE PROTECTION PIPING SHALL BE LABELED AT EACH BRANCH, AT EACH PASSAGE THROUGH WALL AND AT INTERVALS OF NOT MORE THAN 20 FEET WITH SEMI-RIGID SETMARK PIPE MARKERS WITH ARROWS INDICATING THE DIRECTION OF FLOW.

**DESIGN CRITERIA:**

- A. LIGHT HAZARD 0.10 GPM/SQ.FT. OVER 1,500 SQ.FT.
- B. ORDINARY HAZARD 0.15 GPM/SQ.FT. OVER 1,500 SQ.FT.
- C. MAXIMUM PROTECTION AREA PER SPRINKLER SHALL NOT EXCEED 130 SQ.FT.
- D. PROVIDE A 20% HOSE ALLOWANCE.
- E. SPRINKLER SYSTEMS SHALL BE HYDRAULICALLY DESIGNED AND CALCULATED BY THE FIRE PROTECTION CONTRACTOR. THE FIRE PROTECTION CONTRACTOR SHALL SUBMIT ALL REQUIRED HYDRAULIC CALCULATIONS TO PROVE THE HYDRAULICALLY MOST REMOTE AREAS ARE BEING PROTECTED. FABRICATION DRAWINGS AND HYDRAULIC CALCULATIONS SHALL BE SUBMITTED AND STAMPED APPROVED BY THE ENGINEER OF RECORD AND INSURANCE UNDERWRITERS PRIOR TO INSTALLATION OF PIPING AND EQUIPMENT. MAINTAIN A MINIMUM OF 10 PSI SAFETY FACTOR BETWEEN THE REQUIRED PRESSURE AND AVAILABLE PRESSURE. COMPLY WITH ALL UNDERWRITERS AND CODE AUTHORITIES REQUIREMENTS INCLUDING MAXIMUM WATER FLOW VELOCITY IN THE FIRE PROTECTION SYSTEM.

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ORANGE COUNTY GOVERNMENT  
FLORIDA

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Seal 08/21/17

BRYN R. CURRIE  
82715

BID DOCUMENTS

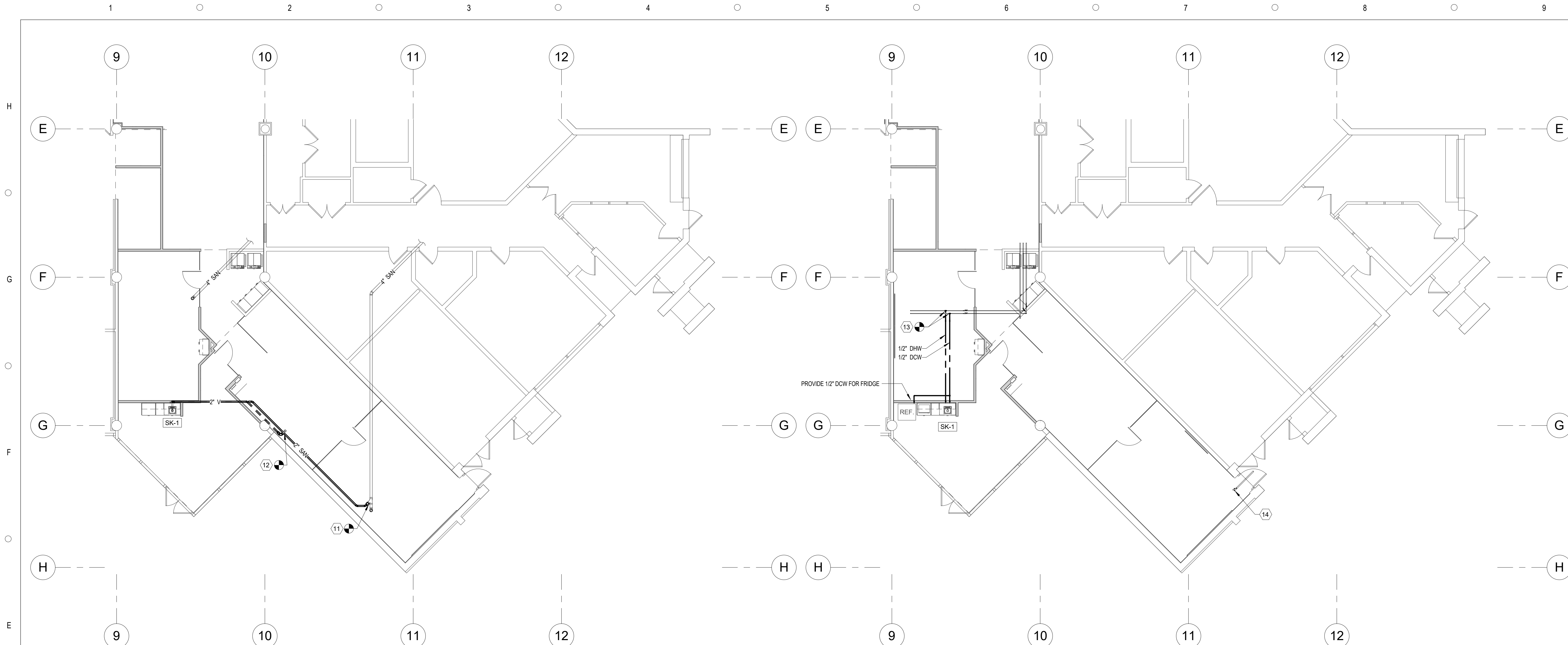
DATE	SUBMISSION / REVISION	NO.
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FIRST FLOOR  
SPRINKLER

SCALE: AS INDICATED  
DRAWN BY: R. PARSONS  
CHECK BY: B. CURRIE  
DATE: September 22, 2017  
PROJECT NUMBER: 15012-0031

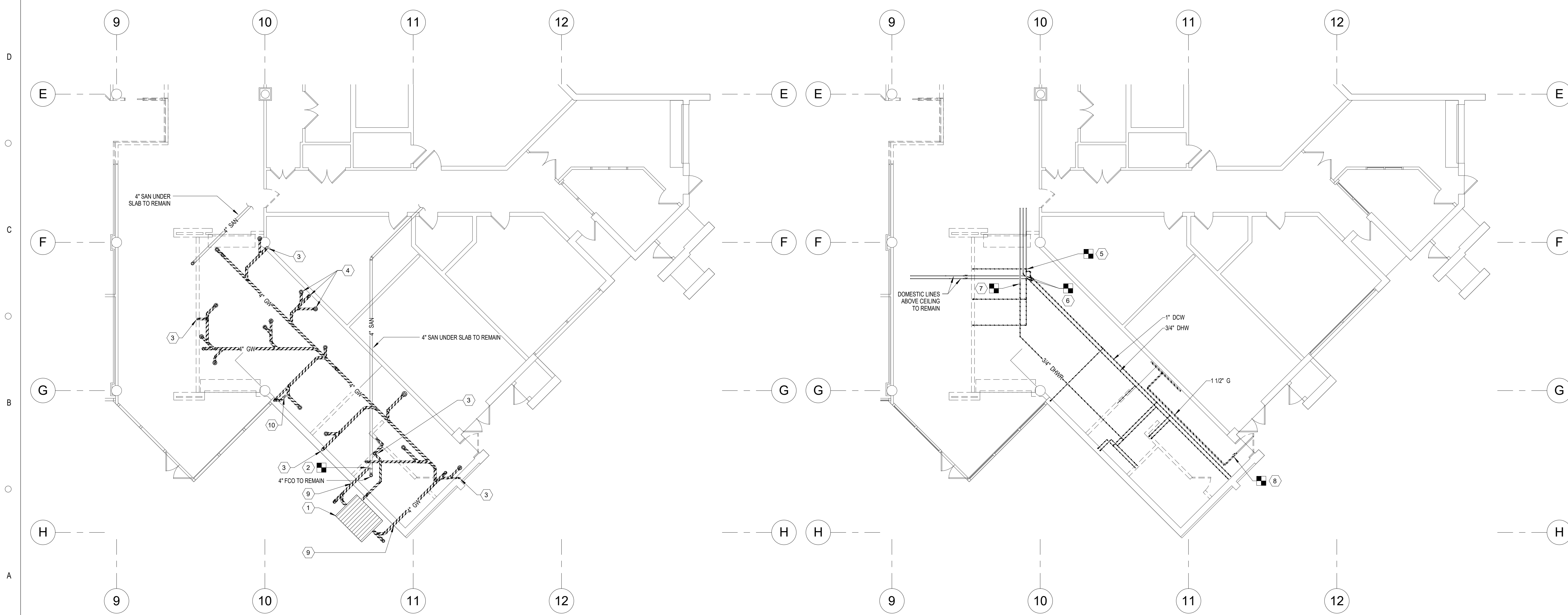
FP201





**3 FIRST FLOOR SANITARY**  
SCALE: 1/8" = 1'-0"

**4 FIRST FLOOR DOMESTIC**  
SCALE: 1/8" = 1'-0"



**1 FIRST FLOOR SANITARY DEMOLITION**  
SCALE: 1/8" = 1'-0"

**2 FIRST FLOOR DOMESTIC DEMOLITION**  
SCALE: 1/8" = 1'-0"

**GENERAL PLUMBING NOTES**

1. ALL PIPE DIMENSIONS ARE NOMINAL.
2. ALL WORK SHALL CONFORM TO THE FIFTH EDITION FLORIDA PLUMBING CODE.
3. CONTRACTOR SHALL FIELD VERIFY ALL PIPE LOCATIONS AND DIMENSIONS INDICATED ON PLANS.
4. CONTRACTOR SHALL PERFORM NECESSARY CUTTING AND PATCHING REQUIRED TO INCORPORATE WORK, UNLESS NOTED OR SHOWN OTHERWISE ON PLANS. CONTRACTOR SHALL BE RESPONSIBLE FOR SEALING ALL PENETRATIONS RELATED TO PLUMBING SCOPE.
5. ITEMS OF SPECIFIC MANUFACTURERS SHALL BE INSTALLED IN STRICT ACCORDANCE WITH THE PRINTED INSTRUCTIONS AND/OR MANUFACTURERS REPRESENTATIVE'S DIRECTION.
6. CONTRACTOR TO INSTALL ALL NECESSARY SUPPORTS, HANGERS, BRACES, STRUTS, ETC. WHETHER SHOWN OR NOT, TO PROVIDE A COMPLETE, SAFE AND DURABLE SYSTEM.
7. COORDINATE WORK OF THIS CONTRACT WITH OTHER CONTRACTORS AND EXISTING CONDITIONS.
8. PROVIDE FITTINGS, ELEVATION CHANGES, TRANSITIONS AND OFFSETS REQUIRED, WHETHER SHOWN OR NOT, TO AVOID CONFLICTS WITH WORK OF OTHER TRADES AND EXISTING CONDITIONS.

**PLUMBING DEMOLITION NOTES**

1. ALL PIPE DIMENSIONS ARE NOMINAL.
2. ALL WORK SHALL CONFORM TO ALL APPLICABLE RULES, REGULATIONS AND THE FIFTH EDITION FLORIDA PLUMBING CODE.
3. CONTRACTOR SHALL FIELD VERIFY ALL PIPE LOCATIONS AND DIMENSIONS SHOWN ON THE PLANS PRIOR TO PERFORMING WORK.
4. CONTRACTOR SHALL REMOVE ALL PIPING & FIXTURES IDENTIFIED FOR DEMOLITION IN ENTIRETY INCLUDING ALL SUPPORTS, OFFSETS, AND ADDITIONAL BRANCH PIPING NOT EXPLICITLY SHOWN. DO NOT ABANDON ANY PIPING IN PLACE OVERHEAD.
5. CONTRACTOR HAS OPTION TO DISCONNECT UNDERGROUND PIPING AND FILL WITH GROUT. IN THIS INSTANCE CONTRACTOR SHALL LOCATE MAIN AND CAP ALL ABANDONED BRANCH LINES AT MAIN. CAP ALL ABANDONED PIPING PRIOR TO FILL. DO NOT LEAVE ANY OPEN ENDS UNDER SLAB.
6. PRIOR TO DEMOLITION, CONTRACTOR SHALL VERIFY ALL DOMESTIC SOURCES AND ENSURE THIS DEMOLITION SCOPE DOES NOT IMPACT FIXTURES IN OTHER AREAS.
7. CONTRACTOR SHALL PERFORM NECESSARY CUTTING AND PATCHING REQUIRED TO INCORPORATE WORK, UNLESS NOTED OR SHOWN OTHERWISE IN CONTRACT DOCUMENTS.
8. CONTRACTOR SHALL BE RESPONSIBLE FOR SEALING ALL PENETRATIONS RELATED TO DEMOLITION.

**PLUMBING PIPING LEGEND**

- DCW — DOMESTIC COLD WATER SUPPLY
- DHWR — DOMESTIC HOT WATER RECIRCULATION
- DHW — DOMESTIC HOT WATER SUPPLY
- G — GAS
- GW — GREASE WASTE
- SAN — SANITARY
- ST — STORM
- V — VENT

**SYMBOL LEGEND**

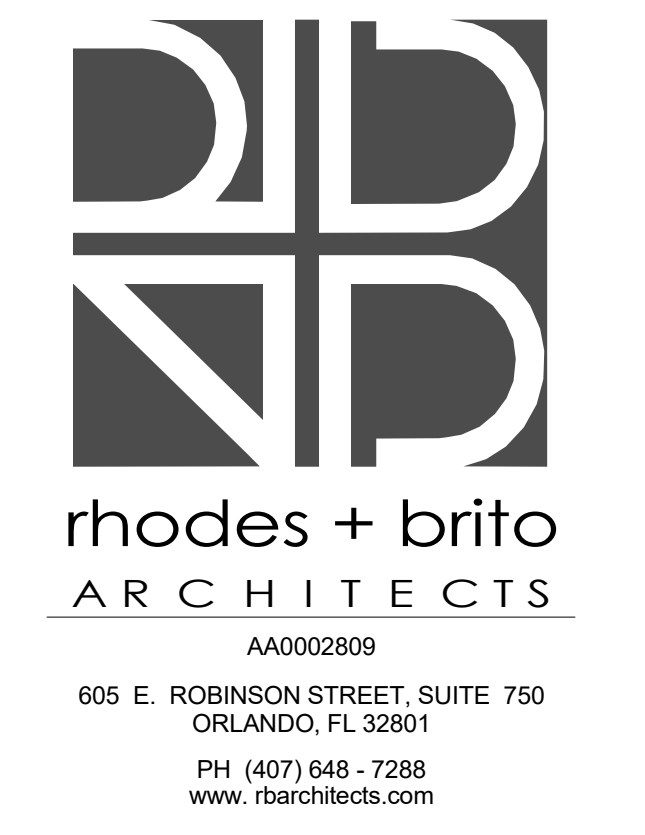
- CONNECT TO EXISTING
- DISCONNECT FROM EXISTING
- PIPE DOWN
- PIPE UP
- PIPE BREAK

**SHEET KEYNOTES**

1. DISCONNECT EXISTING GREASE TRAP AND THOROUGHLY CLEAN. GROUT FULL HOLES AND FILL WITH FLOWABLE FILL.
2. DISCONNECT SANITARY PIPING UNDER SLAB.
3. REMOVE ALL VENT PIPING THRU ROOF AND PATCH ROOF TO MATCH EXISTING.
4. REMOVE ALL FLOOR DRAINS, SINKS, HUB DRAINS, CLEAN OUTS, ETC. TYPICAL OF ALL.
5. DISCONNECT 1/2" DCW BRANCH FROM MAIN AND CAP AT MAIN.
6. DEMOLITION EXTENTS FOR DCW & DHW MAIN. CONTRACTOR SHALL CAP DCW MAIN. CONNECT DHW MAIN TO DHWC PER P201.
7. DEMOLITION EXTENTS FOR DHWC LINE. CONNECT TO DHW MAIN PER P201.
8. DEMOLITION EXTENTS FOR 1-1/2" G LINE. CONTRACTOR SHALL CAP AT EXISTING VALVE ABOVE CEILING.
9. CONTRACTOR SHALL REMOVE PIPING EXITING BUILDING FOOTPRINT. GROUT FULL EXISTING PIPE SLEEVE AND BACKFILL.
10. VENT PIPE TO VTR SHALL REMAIN AND BE REUSED.
11. CONNECT NEW 2" SAN LINE TO EXISTING 4" SAN UNDERGROUND. CONTRACTOR SHALL VERIFY ADEQUATE DEPTH FOR MIN 1/4" PER 1'-0" SLOPE.
12. CONNECT NEW 2" V TO EXISTING VENT LINE ABOVE CEILING.
13. CONNECT NEW DOMESTIC LINES TO EXISTING SUPPLY LINES ABOVE CEILING. PROVIDE (2) ISOLATION VALVES TO FIXTURE ABOVE CEILING AS SHOWN. CONTRACTOR SHALL INSTALL SUCH THAT VALVES ARE READILY ACCESSIBLE.
14. CAP AT EXISTING GAS VALVE.

**PLUMBING FIXTURE SCHEDULE**

MARK	MANUFACTURER	MODEL	DCW	DHW	SAN	VENT
CONN	CONN	CONN	CONN	CONN	CONN	CONN
SK-1	ELKAY	LUSTERTONE	1/2"	1/2"	2"	2"



CAPITAL PROJECTS DIVISION  
**ORANGE COUNTY GOVERNMENT**

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82715

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DATE	SUBMISSION / REVISION	NO.

**FIRST FLOOR PLUMBING**

SCALE: AS INDICATED  
DRAWN BY: B. CURRIE  
CHECK BY: M. McQUINN  
DATE: September 22, 2017  
PROJECT NUMBER: 15012-0031

**P201**

**ABBREVIATIONS**

AMP	AMPERES	CJH	CABINET UNIT HEATER	FIL	FILTER	LDB	LEAVING DRY BULB TEMPERATURE	SA	SUPPLY AIR
AAD	AUTOMATIC AIR DAMPER	dB	DECIBELS	FSD	COMBINATION FIRE/SMOKE DAMPER	LPC	LOW PRESSURE CONDENSATE	SS	SOLIDS SEPARATOR
ACCU	AIR COOLED CONDENSING UNIT	DB	DRY BULB TEMPERATURE	FMS	FLOW MEASURING STATION	LPS	LOW PRESSURE STEAM	SD	SMOKE DAMPER
ACU	AIR CONDITIONING UNIT	DC	DUST COLLECTOR	FPM	FEET PER MINUTE	LV	LOUVER	SHC	SENSIBLE HEAT CAPACITY
ACV	AIR CONTROL VALVE	DIA	DIAMETER	FR	FURNACE	LWB	LEAVING WET BULB	SP	STATIC PRESSURE
AFF	ABOVE FINISHED FLOOR	DN	DOWN	FT	FEET	LWT	LEAVING WATER TEMPERATURE	SQ	SQUARE
AHU	AIR HANDLING UNIT	DP	DEWPOINT TEMPERATURE	FTR	FIN TUBE RADIATION	MAX	MAXIMUM	SRV	STATIONARY ROOF VENT
APD	AIR PRESSURE DROP	DSO	DUCT SMOKE DETECTOR	GAL	GALLONS	MAU	MAKEUP AIR UNIT	TD	TRIPLE DUTY VALVE
AS	AIR SEPARATOR	DTR	DUAL TEMPERATURE WATER RETURN	GC	GENERAL CONTRACTOR	MBH	1000 BTUH	TDH	TOTAL DYNAMIC HEAD
B	BOILER	DTS	DUAL TEMPERATURE WATER SUPPLY	GPM	GALLONS PER MINUTE	MCA	MINIMUM CIRCUIT AMPACITY	TG	TRANSFER GRILLE
BD	BYPASS DAMPER	DWH	DOMESTIC WATER HEATER	GR	GRAINS	MMN	MINIMUM	THC	TOTAL HEAT CAPACITY
BDD	BACK DRAFT DAMPER	DX	DIRECT EXPANSION	HD	HEAD	MOP	MAXIMUM OVERCURRENT PROTECTION	TSP	TOTAL STATIC PRESSURE
BHP	BRAKE HORSE POWER	EAT	ENTERING AIR TEMPERATURE	HGR	HOT GLYCOL RETURN	MV	MANUAL VENT	TYP	TYPICAL
BOD	BOTTOM OF DUCT	EBB	ELECTRIC BASE BOARD	HGS	HOT GLYCOL SUPPLY	NC	NORMALLY CLOSED	UV	UNIT VENTILATOR
BTU	BRITISH THERMAL UNIT	EC	EXPANSION COMPENSATOR	HP	HORSEPOWER	NIC	NOT IN CONTRACT	V	VOLT
BTUH	BRITISH THERMAL UNIT PER HOUR	EDB	ENTERING DRY BULB TEMPERATURE	HPC	HIGH PRESSURE CONDENSATE	NO	NORMALLY OPEN, NUMBER	VAL	VALANCE UNIT
C	COMMON	EFF	EFFICIENCY	HPS	HIGH PRESSURE STEAM	OA	OUTSIDE AIR	VAV	VARIABLE AIR VOLUME
CCU	CEILING CASSETTE UNIT	ENC	ENCLOSURE	HR	HUMIDITY RATIO, HOUR	P	PUMP	VD	VOLUME DAMPER
CD	COLD CONDENSATE DRAIN	ERU	ENERGY RECOVERY UNIT	HRRU	HEAT RECOVERY UNIT	PD	PRESSURE DROP	VIF	VERIFY IN FIELD
CDWS	CONDENSER WATER SUPPLY	ESP	EXTERNAL STATIC PRESSURE	HUM	HUMIDIFIER	PG	PROPYLENE GLYCOL	VP	VACUUM PUMP
CDWR	CONDENSER WATER RETURN	ET	EXPANSION TANK	HWC	HOT WATER COIL	PH	PHASE	VSD	VARIABLE SPEED DRIVE
CFM	CUBIC FEET PER MINUTE	EWB	ENTERING WET BULB TEMPERATURE	HWS	HOT WATER SUPPLY	PSI	POUNDS PER SQUARE INCH	VUV	VERTICAL UNIT VENTILATOR
CH	CHILLER	EWT	ENTERING WATER TEMPERATURE	HWR	HOT WATER RETURN	PTAC	PACKAGED TERMINAL AIR CONDITIONER	WH	UNIT HEATER
CGR	CHILLED GLYCOL RETURN	EXH	EXHAUST AIR	HX	HEAT EXCHANGER	RA	RETURN AIR	WB	WET BULB TEMPERATURE
CGS	CHILLED GLYCOL SUPPLY	EXIST	EXISTING	HZ	HERTZ	RAD	RADIATOR, RADIANT PANEL	WCU	WALL CASSETTE UNIT
CWS	CHILLED WATER SUPPLY	F	FAN	IN	INCH	RCP	RADIANT CEILING PANEL	WFS	WATER FLOW SWITCH
CWR	CHILLED WATER RETURN	°F	FAHRENHEIT	IND	INDUCTION UNIT	RH	RELATIVE HUMIDITY	WG	WATER GAUGE
CO	CLEANOUT	F&T	FLOAT AND THERMOSTATIC TRAP	KH	KILN HOOD	RHC	REHEAT COIL	WH	WALL HEATER
CONV	CONVECTOR	FC	FLEXIBLE CONNECTION	KW	KILOWATT	RPM	REVOLUTION PER MINUTE	WPD	WATER PRESSURE DROP
CP	CONDENSATE PUMP	FCU	FAN COIL UNIT	LAT	LEAVING AIR TEMPERATURE	RTH	RADIANT TUBE HEATER	WMM	WELDED WIRE MESH
CT	COOLING TOWER	FD	FIRE DAMPER	LB	POUND	RTU	ROOF TOP UNIT	ZD	ZONE DAMPER

**SYMBOLS**

**GENERAL**

- RETURN WATER
- RETURN WATER
- REMOVALS
- DISCONNECT FROM EXISTING
- CONNECT TO EXISTING
- TEMPERATURE SENSOR WITH LOCKING GUARD
- PRESSURE SENSOR
- DAMPER MOTOR
- DIRECTION OF AIRFLOW

**DUCTWORK**

- RETURN DIFFUSER
- SUPPLY DIFFUSER
- LINEAR DIFFUSER
- SQUARE TO ROUND DUCT TRANSITION
- SQUARE MAIN TO ROUND BRANCH TAKE-OFF
- FLEXIBLE DUCT CONNECTOR
- POSITIVELY PRESSURIZED DUCT OUT OF THE PLANE
- POSITIVELY PRESSURIZED DUCT INTO THE PLANE
- NEGATIVELY PRESSURIZED DUCT OUT OF THE PLANE
- NEGATIVELY PRESSURIZED DUCT INTO THE PLANE
- SQUARE ELBOW WITH TURNING VANES
- MANUAL VOLUME DAMPER
- AUTOMATIC AIR DAMPER

- TYPE NECK SIZE (TYPICAL CFM) DIFFUSER DESIGNATION

- UNIT WITH HEATING AND COOLING

- UNIT WITH AIR FLOW

- UNIT WITH HEATING OR COOLING

- GENERAL EQUIPMENT DESIGNATION

- KEYNOTE

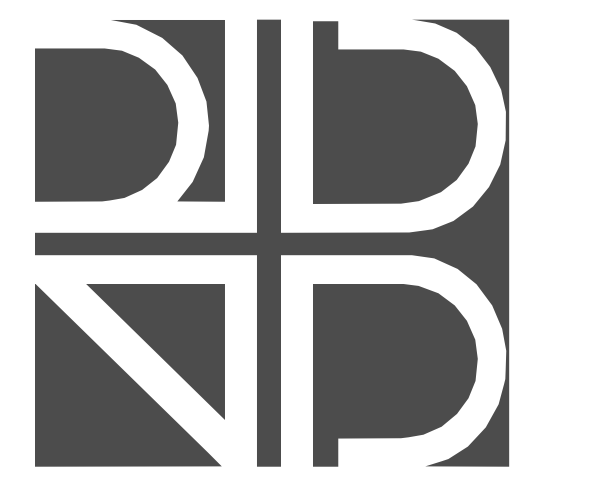
- FIRE DAMPER

- ENLARGED PLAN & DETAIL CALL OUT

- VOLUME DAMPER

**GENERAL NOTES:**

1. ALL WORK SHALL CONFORM TO ALL APPLICABLE RULES, REGULATIONS AND CODES, INCLUDING, BUT NOT LIMITED TO FLORIDA ENERGY CODE, 2014 ED., FLORIDA BUILDING CODE, 2014 ED. AND OSHA.
2. FIELD VERIFY ALL DIMENSIONS PRIOR TO DUCTWORK FABRICATION OR ANY OTHER MECHANICAL WORK. MECHANICAL CONTRACTOR SHALL COORDINATE INSTALLATION OF EQUIPMENT, PIPING, DUCTWORK, AND PADS WITH OTHER CONTRACTORS. PROVIDE FITTINGS, ELEVATION CHANGES, TRANSITIONS, AND OFFSETS REQUIRED, WHETHER SHOWN OR NOT, TO AVOID CONFLICTS WITH WORK OF OTHER CONTRACTS.
3. MECHANICAL CONTRACTOR SHALL BE RESPONSIBLE FOR SEALING ALL HVAC PENETRATIONS (PIPING, DUCTWORK, ETC.) IN ACCORDANCE WITH THE INTERNATIONAL BUILDING CODE AND WHERE SHOWN OR SPECIFIED.
4. ITEMS OF SPECIFIC MANUFACTURER'S SHALL BE INSTALLED IN STRICT ACCORDANCE WITH THE PRINTED INSTRUCTIONS AND/OR MANUFACTURER'S REPRESENTATIVES DIRECTIONS.
5. MECHANICAL CONTRACTOR TO INSTALL ALL NECESSARY STIFFENERS, BRACES, STRUTS, ETC. WHETHER SHOWN OR NOT, TO PROVIDE A COMPLETE, SAFE, AND DURABLE SYSTEM.
6. DIMENSIONS SHOWN "AFF" INDICATE THE ACTUAL CLEAR DIMENSIONS FROM THE BOTTOM OF THE UNIT TO THE FINISHED FLOOR ELEVATION, UNLESS INDICATED OTHERWISE.
7. SUPPORT AND EQUIPMENT DETAILS MAY VARY TO SUIT EQUIPMENT AND PARTS SUPPLIED.
8. WELD ALL STEEL ANGLE JOINTS UNLESS OTHERWISE SHOWN.
9. PROVIDE NECESSARY BY-PASSES AND BALANCING MEANS AS REQUIRED TO ASSURE PROPER SYSTEM OPERATION.
10. ALL DUCT DIMENSIONS SHOWN ARE "SIDE SEEN" BY "SIDE NOT SEEN" AND ARE THE CLEAR INSIDE DIMENSIONS UNLESS OTHERWISE NOTED.
11. PROVIDE ACCESS DOORS AND CLEARANCES FOR EASY ACCESS TO ALL FIRE DAMPERS, CONTROL DAMPERS, LOUVERS, FILTERS, COILS, AND FANS.
12. BRANCH DUCTS TO REGISTER SHALL BE THE SAME SIZE AS REGISTER UNLESS INDICATED OTHERWISE.
13. REFER TO ARCHITECTURAL REFLECTED CEILING PLAN, FOR PRECISE LOCATION OF DIFFUSERS AND REGISTERS.
14. PROVIDE MANUAL VOLUME DAMPERS IN ALL BRANCH TAKE-OFFS AND WHERE SHOWN.
15. PROVIDE ALL CONTROL AND INTERLOCK WIRING REQUIRED OR SPECIFIED THAT IS NOT PROVIDED BY THE ELECTRICAL CONTRACTOR.
16. COORDINATE WITH ELECTRICAL CONTRACTOR AND FIRE PROTECTION CONTRACTOR REGARDING THE RESPONSIBILITIES FOR SUPPLYING, INSTALLING AND WIRING OF HVAC-RELATED DISCONNECT SWITCHES, STARTERS, SAFETY INTERLOCKS, EMERGENCY SHUTDOWN AND WIRING.
17. WORK ON M-SERIES DRAWINGS IS BY THE MECHANICAL CONTRACTOR (MC) UNLESS OTHERWISE NOTED.
18. VERIFY ALL LOCATIONS, DIMENSIONS, EQUIPMENT ARRANGEMENTS, CLEARANCES AND ELECTRICAL CHARACTERISTICS IN THE FIELD PRIOR TO BID. PROMPTLY NOTIFY THE ARCHITECT/ENGINEER OF ANY DISCREPANCIES.
19. PRIOR TO CUTTING THROUGH FLOORS AND WALLS THE CONTRACTOR SHALL VERIFY THE LOCATIONS OF ALL STRUCTURAL MEMBERS, JOISTS AND OR COLUMNS. PROMPTLY NOTIFY THE ARCHITECT/ENGINEER OF ANY DISCREPANCIES. DO NOT CUT ANY STRUCTURAL MEMBERS UNLESS SPECIFICALLY DIRECTED TO DO SO.
20. THE MECHANICAL CONTRACTOR SHALL REMOVE DUCTWORK BACK TO A POINT WHICH WILL ALLOW THE INSTALLATION OF SUPPORT STEEL THAT IS REQUIRED / RELATED TO THE HVAC EQUIPMENT (IE RTU INSTALLATION). THE MECHANICAL CONTRACTOR SHALL COORDINATE WITH THE GENERAL CONTRACTOR IN THE LOCATIONS WHICH WILL REQUIRE MECHANICAL SUPPORT STEEL.
21. ALL EXISTING TO REMAIN DIFFUSERS AND DUCT SYSTEMS TO BE REBALANCED TO CFM INDICATED
22. PATCH AND SEAL DUCT WHERE BRANCHES / TAKEOFFS HAVE BEEN REMOVED AND NO NEW CONNECTION IS NEEDED.
23. CAP AND SEAL PIPING WHERE BRANCHES / TAKEOFFS HAVE BEEN REMOVED AND NO NEW CONNECTION IS NEEDED.



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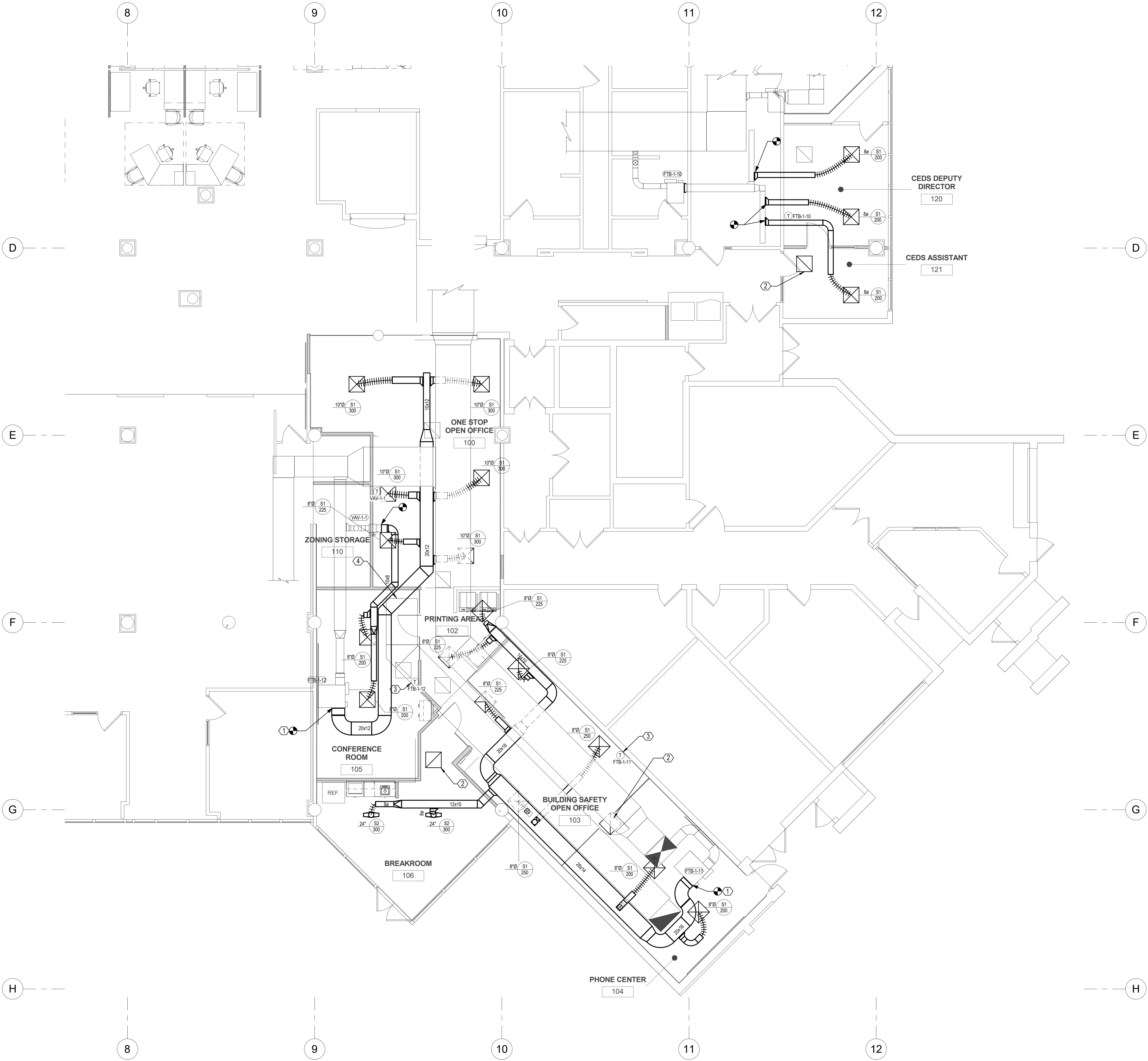
BID DOCUMENTS

DATE	SUBMISSION / REVISION	NO.
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**LEGEND,  
ABBREVIATIONS AND  
GENERAL NOTES**

SCALE: AS INDICATED  
DRAWN BY: P. ROWAN  
CHECK BY: M. MCQUINN  
DATE: September 22, 2017  
PROJECT NUMBER: 15012-0031

**M100**

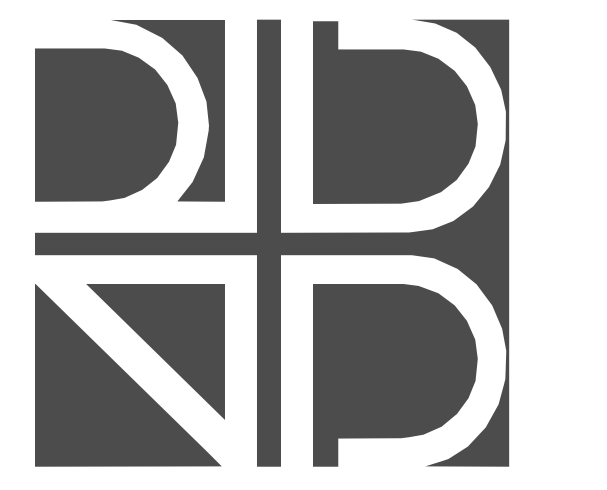


**GENERAL NOTES:**

1. REFER TO M-100 FOR LEGEND, ABBREVIATIONS AND GENERAL NOTES.
2. CONTRACTOR SHALL COORDINATE DUCT ROUTING WITH STRUCTURAL MEMBERS AND OTHER EXISTING CONDITIONS.
3. COORDINATE DESTRUCTIVE DEMOLITION, IF REQUIRED, WITH OWNER.
4. FOR ALL DUCTWORK TURNS, PROVIDE RADIUS ELBOWS. IF IMPEDED BY SPACE CONSTRAINTS, MILTERED ELBOWS WITH TURNING VANES MAY BE USED.
5. CONTRACTOR SHALL OPERATE EXISTING FIRE DAMPERS SHOWN AND REPLACE FUSIBLE LINKS.

**KEY NOTES:**

- ① INSTALL NEW SUPPLY AIR DUCTWORK FROM EXISTING VAV UNIT. COORDINATE DUCT ROUTING WITH EXISTING CONDITIONS.
- ② NEW RETURN GRILLE AT LOCATION INDICATED.
- ③ RELOCATED EXISTING THERMOSTAT TO LOCATION INDICATED.
- ④ TEMPORARY RETURN FLEX DUCTWORK TO BE REMOVED PRIOR TO COMPLETION OF CONSTRUCTION.



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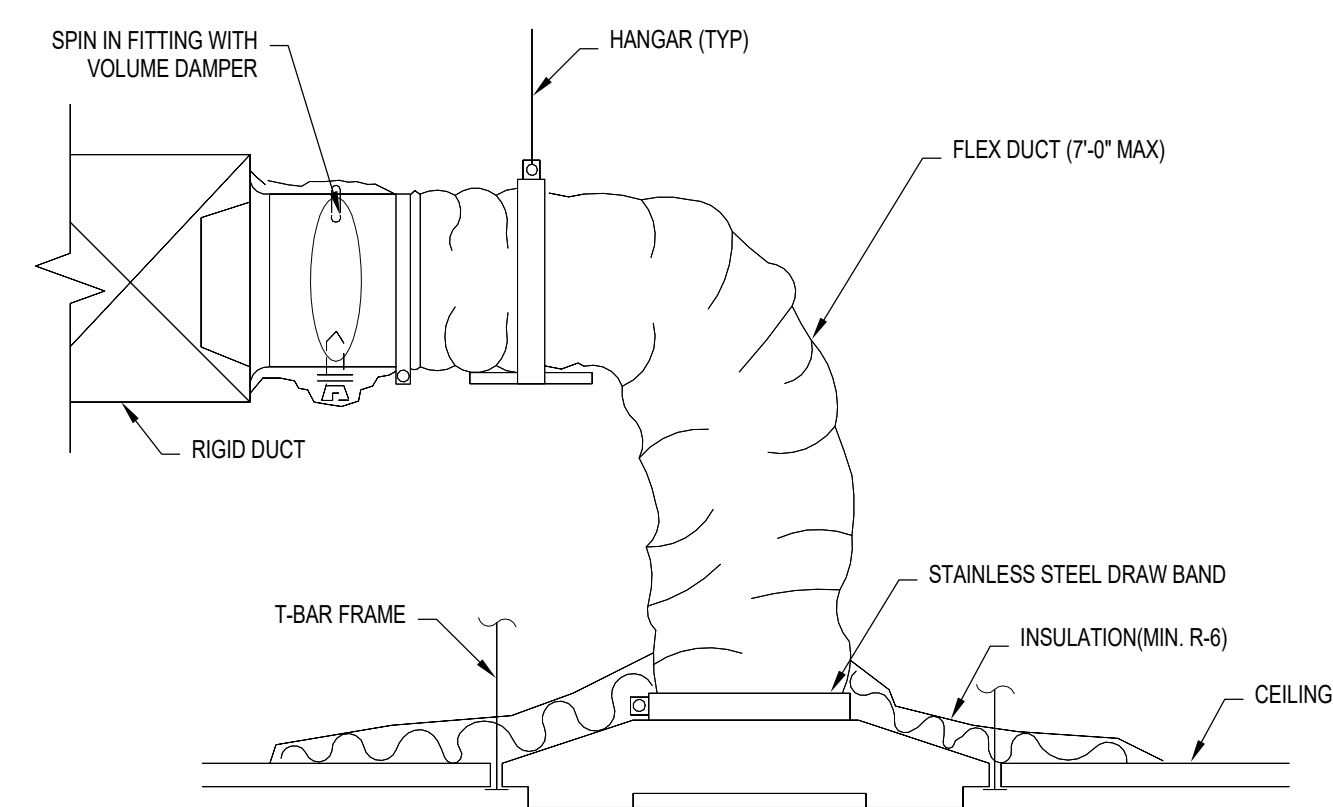
DATE	SUBMISSION / REVISION	NO.

**PHASE ONE HVAC NEW**  
**WORK PLAN**

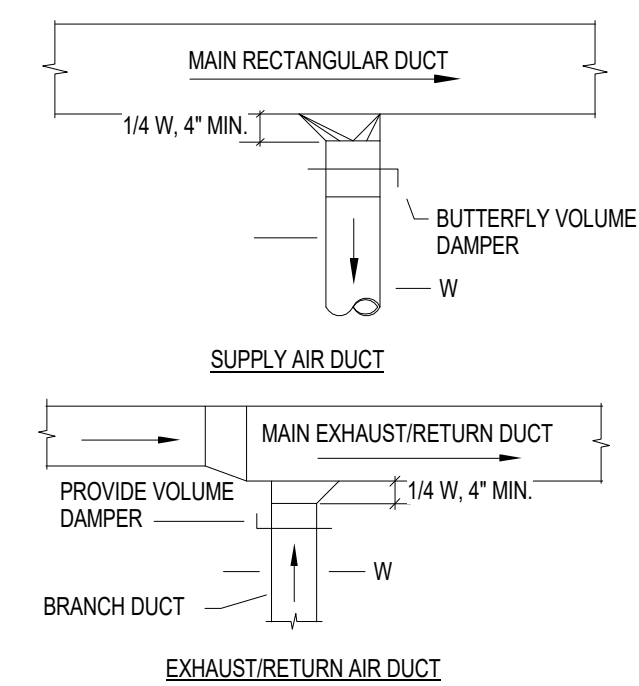
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DRAWN BY: P. ROWAN  
CHECK BY: M. MCQUINN  
DATE: September 22, 2017  
PROJECT NUMBER: 15012-0031

**M101**

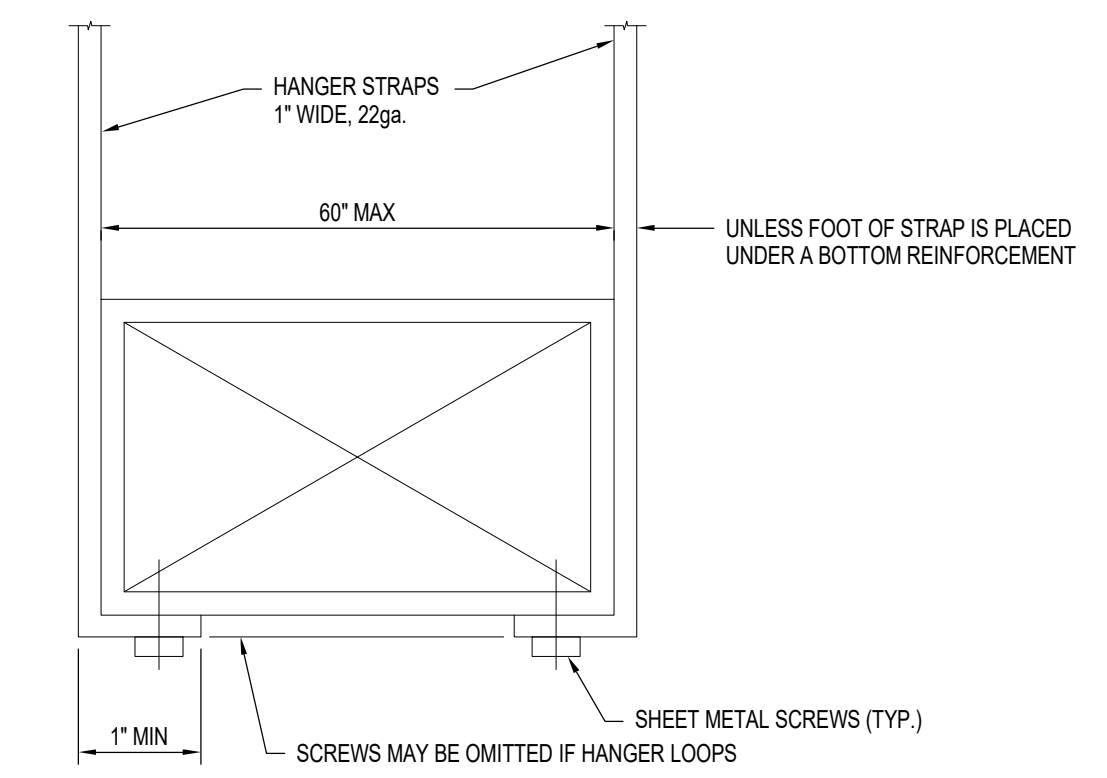
**1** PHASE 1 HVAC NEW WORK PLAN  
SCALE: 3/16" = 1'-0"



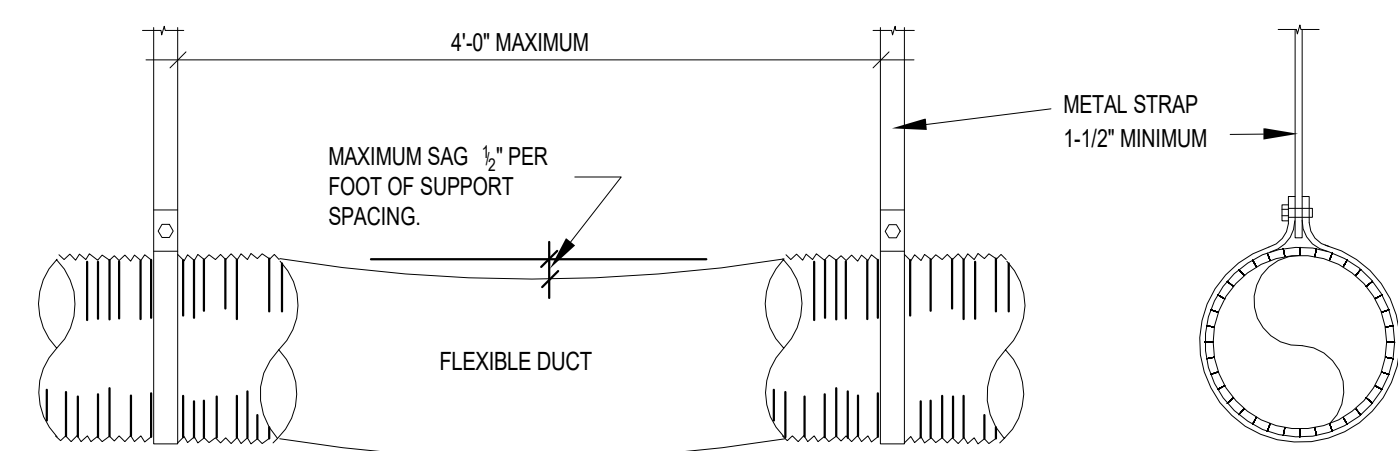
**1**  
M501  
**FLEXIBLE DUCT TO DIFFUSER DETAIL**  
SCALE: 12" = 1'-0"



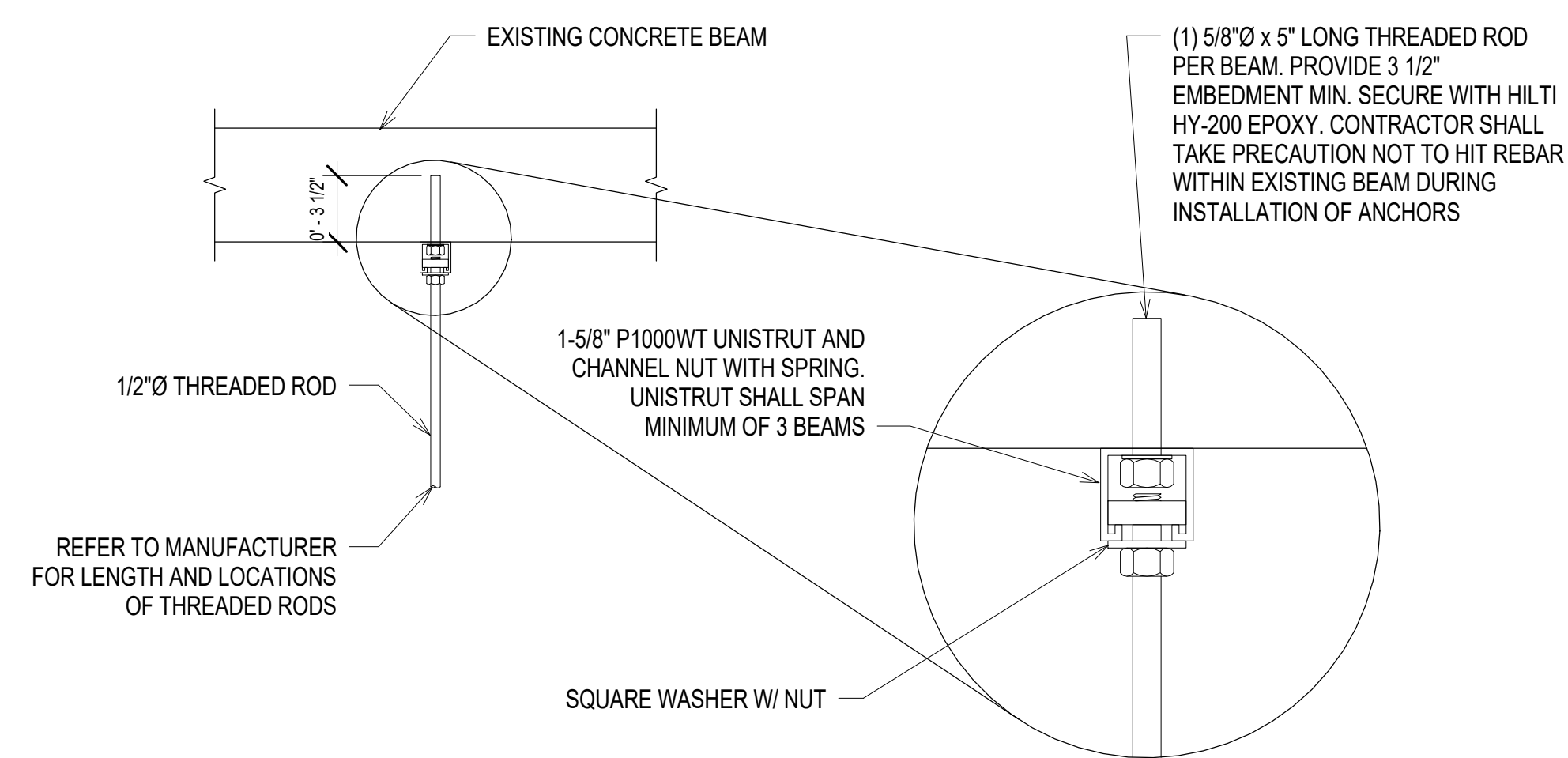
**2**  
M501  
**BRANCH CONNECTION DETAIL**  
SCALE: 12" = 1'-0"



**3**  
M501  
**RIGID DUCT SUPPORT DETAIL**  
SCALE: 12" = 1'-0"

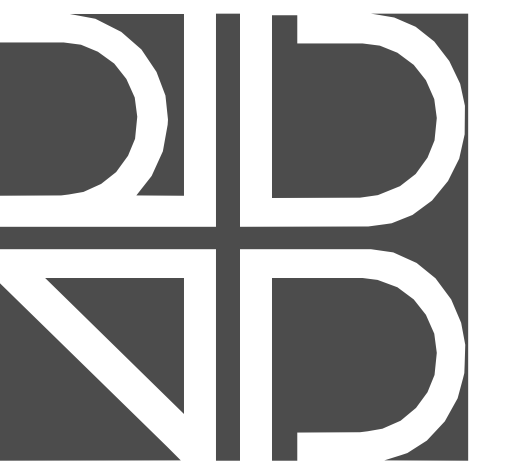


**4**  
M501  
**FLEXIBLE DUCT SUPPORT DETAIL**  
SCALE: 12" = 1'-0"



**5**  
M501  
**THREADED ROD ATTACHMENT**  
SCALE: 1 1/2" = 1'-0"

- NOTES:
1. DUCT SHOULD EXTEND STRAIGHT FOR SEVERAL INCHES FROM A CONNECTION BEFORE BENDING.
  2. SUPPORT SYSTEM MUST NOT DAMAGE DUCT OR CAUSE OUT OF ROUND SHAPE.



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DETAIL SHEET

SCALE: AS INDICATED  
DRAWN BY: P. ROWAN  
CHECK BY: M. MCQUINN  
DATE: September 22, 2017  
PROJECT NUMBER: 15012-0031

M501

EXISTING VAV UNIT SCHEDULE																			
MARK	SUPPLY CFM	AREA SERVED	MANUFACTURER	MODEL NO.	TYPE-SEE NOTE 1	SIZE	PRIMARY AIR CFM			ELECTRIC HEATING COIL			HYDRONIC HEATING COIL			FAN SECTION			
							MAX.	MIN.	HEATING	KW	VOLT/PHASE	NO. OF STEPS	GPM	EWTL/LWF °F	WATER PD (FT. H2O)	FAN CFM	STATIC PRESSURE	MOTOR HP	VOLT/PHASE
FTB-1-10	600 CFM	MANAGER OFFICE/ASSISTANT	PRICE	FDC5	S	3008	700	310	600	---	---	---	1.01	160/113	0.34	600	0.3	0.25	277/1
FTB-1-11	1725 CFM	UTILITIES AREA	PRICE	FDC5	S	5014	1730	400	1725	---	---	---	3.25	160/115	1.75	1725	0.3	1	277/1
FTB-1-12	2400 CFM	PHONE CENTER AREA/MULTI-PURPOSE ROOM/PERMIT ANALYST AREA	PRICE	FDC5	S	5014	2415	280	2400	---	---	---	2.59	160/115	1.07	2400	0.3	0.75	277/1
VAV-1-1	400 CFM	SMALL CONFERENCE ROOM	PRICE	SDV5	V	10	550	290	290	3.0	277/1	1	---	---	---	---	---	---	---

**GENERAL NOTES (APPLIES TO ALL UNITS):**

1. VAV TYPE: "V"- SINGLE DUCT VARIABLE VOLUME TERMINAL UNIT, ELECTRIC HEAT, "S"- FAN POWERED SERIES TERMINAL UNIT, HYDRONIC HEAT.

DIFFUSER/RETURN GRILLE SCHEDULE				
MARK / LEGEND	TYPE	MFG.	MODEL	NOTES
NECK SIZE → 100 S1 → MARK QUANTITY TYP → (2) 200 → CFM	ROUND NECK, SQUARE CEILING SUPPLY DIFFUSER	PRICE	ASCD	2,3,4,5,6,7
LENGTH → 24" S2 → MARK QUANTITY TYP → (2) 200 → CFM	CEILING MOUNTED LINEAR DIFFUSER, 2-SLOT	PRICE	JS215	1,5,7
NECK SIZE → 18x12 R1 → MARK QUANTITY TYP → (2) 200 → CFM	CEILING OR SIDEWALL RETURN AIR GRILLE	PRICE	635	1,2,4,5
<p>NOTES:</p> <ol style="list-style-type: none"> <li>PROVIDE WITH OPPOSED BLADE VOLUME DAMPER.</li> <li>PROVIDE 24x24 FULLY LOUVERED FACE LAYIN MODULE WHERE LOCATED IN LAYIN CEILING OR SUSPENDED FROM DUCTWORK.</li> <li>FACTORY INSULATED BACKS ON ALL CEILING DIFFUSERS MUST BE PROVIDED.</li> <li>COORDINATE BORDER TYPES WITH ARCHITECTURAL FLOOR PLAN AND REFLECTED CEILING PLAN.</li> <li>COORDINATE FINISH WITH ARCHITECTURAL.</li> <li>WHERE DIFFUSER BALANCING DAMPER IS INACCESSIBLE, PROVIDE A CONCEALED REMOTE OPERATOR SIMILAR TO YOUNG REGULATOR 270-301 BESIDE DIFFUSER/GRILLE.</li> <li>PROVIDE WITH FACTORY INSULATED SUPPLY PLENUM</li> </ol>				

DUCT CONSTRUCTION SCHEDULE						
SERVICE	SMACNA PRESSURE CLASS	MATERIAL	ALLOWABLE SEAMS	SEALING REQUIREMENTS	INSULATION	NOTES
SUPPLY AIR DUCTS						
DUCTWORK DOWNSTREAM OF VAV	+ 1"	SINGLE WALL SHEET METAL	GROOVED, STANDING, SINGLE-CORNER, DOUBLE-CORNER AND PITTSBURGH-LOCK AND ALL OTHER ROLLED MECHANICAL SEAMS	MASTIC WITH EMBEDDED FABRIC OR GASKETS	CONCEALED - 2" THICK EXTERNAL WRAP	(1)(2)
<p>NOTES:</p> <ol style="list-style-type: none"> <li>ALL DUCTWORK IS TO BE FABRICATED, SUPPORTED AND INSTALLED PER SMACNA STANDARDS AND FLORIDA MECHANICAL CODE REQUIREMENTS.</li> <li>DUCTWORK TO BE G90 GALVANIZED SHEET METAL.</li> </ol>						



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DATE	SUBMISSION / REVISION	NO.

SCHEDULES

SCALE: AS INDICATED

DRAWN BY: P. ROWAN

CHECK BY: M. MCQUINN

DATE: September 22, 2017

PROJECT NUMBER: 15012-0031

**M601**

**LEGEND**

- DUPLEX RECEPTACLE, MOUNT 18" AFF UNLESS OTHERWISE NOTED
- QUAD RECEPTACLE, MOUNT 18" AFF UNLESS OTHERWISE NOTED
- GFI GROUND FAULT CIRCUIT INTERRUPTER TYPE, MOUNT 48" AFF UNLESS OTHERWISE NOTED
- SINGLE POLE TOGGLE SWITCH
- SINGLE POLE TOGGLE SWITCH WITH DUAL TECHNOLOGY OCCUPANCY SENSOR
- THREE-WAY TOGGLE SWITCH
- COMBINATION MOTOR STARTER/CIRCUIT BREAKER DISCONNECT SWITCH
- FUSED DISCONNECT SWITCH
- NON FUSED DISCONNECT SWITCH
- SURFACE MOUNTED PANEL
- BRANCH CIRCUIT HOME RUN WITH CIRCUIT NUMBER SEE PANEL SCHEDULES FOR DETAILS
- WALL MOUNTED LUMINAIRE, LETTER DENOTES TYPE, SEE LUMINAIRE SCHEDULE
- 2'x4' LUMINAIRE, LETTER DENOTES TYPE, SEE LUMINAIRE SCHEDULE
- 2'x2' LUMINAIRE, LETTER DENOTES SWITCH FOR CONTROL, NUMBER DENOTES CIRCUIT NUMBER BACK TO INDICATED BRANCH PANEL (REFER TO SHEET NOTES)
- 2'x2' EMERGENCY LUMINAIRE, LETTER DENOTES SWITCH FOR CONTROL, NUMBER DENOTES CIRCUIT NUMBER BACK TO INDICATED BRANCH PANEL (REFER TO SHEET NOTES)
- CEILING MOUNTED OCCUPANCY SENSOR, LOWERCASE LETTER DENOTES SWITCH IDENTIFICATION FOR NEW LIGHTING.

**ABBREVIATIONS**

A	AMPERE	NA	NON-AUTOMATIC
AC	AIR CONDITIONING	NC	NORMALLY CLOSED
AC	ALTERNATE CURRENT	NF	NON-FUSED
AF	AMPERE FRAME WHEN USED WITH CIRCUIT BREAKER	NFPA	NATIONAL FIRE PROTECTION ASS.
AFF	ABOVE FINISHED FLOOR	NO	NORMALLY OPEN
AH	AIR HANDLER	NTS	NOT TO SCALE
AIC	AMPERE INTERRUPTING CAPACITY	OLS	OVERLOADS
AT	AMPERE TRIP	OC	ON CENTER
ATSS	AUTOMATIC TRANSFER SWITCH	P	POLE
AUX	AUXILIARY	PB	PULLBOX
AWG	AMERICAN WIRE GAUGE	PAL	PANEL
BC	BARE COPPER	PR	PAIR
BKR	BREAKER	PVC	POLYVINYL CHLORIDE
BCH	BACK OF HOUSE	PWR	POWER
C	CONDUIT	POC	POINT OF CONNECTION
CA	CABLE	POS	POINT OF SALES
CAB	CABINET	REF	REFERENCE
CATSE	CATEGORY SE	RCS	RIGID GALVANIZED STEEL
CC	CABLED CONDUCTORS	RM	ROOM
CKT	CIRCUIT	RMS	ROOT-MEAN-SQUARE
CMH	COMMUNICATION MANHOLE	RTU	REMOTE TERMINAL UNIT
CO	CONDUIT ONLY	RCPT	RECEPTACLE
CPB	COMMUNICATION PULL BOX	SB8	SOUND BREAKOUT BOX
CUC	COMMON USER CABLE	SDB	SOUND DISTRIBUTION BOX
CUTC	COMMON USER TERMINAL CABINET	S/C	SIGNALING LINE CIRCUIT
COMM	COMMUNICATION	SM	SINGLE MODE
D	DEEP	SPCS	SPECIFICATIONS
DC	DIMMING CABINET	SPKR	SPEAKER
DISC	DISCONNECT	SPST	SINGLE POLE SINGLE THROW
DN	DOWN	SR	SOUND RACK
DPST	DOUBLE POLE SINGLE THROW	SST	STAINLESS STEEL
DPDT	DOUBLE POLE DOUBLE THROW	ST	SHUNT TRIP
EER	ELECTRICAL EQUIPMENT ROOM	SW	SWITCH
ELECT	ELECTRICAL	SWBD	SWITCHBOARD
ELEV	ELEVATION	TEL	TELEPHONE
EMT	ELECTRICAL METALLIC TUBING	TP	TWISTED PAIR CABLE
EP	EXPLOSION PROOF	TB	TELEPHONE TERMINAL BOARD
EQUIP	EQUIPMENT	TYP	TYPICAL
EXIST	EXISTING	UCN	UNLESS OTHERWISE NOTED
F	FUSE	V	VOLT
FACP	FIRE ALARM CONTROL PANEL	VFD	VARIABLE FREQUENCY DRIVE
FAT	FIRE ALARM TERMINATION	W	WATT, WIRE, WIDE
FBO	FURNISHED BY OWNER	WP	WEATHERPROOF
FDR	FEEDER	XFMR	TRANSFORMER
FLA	FULL LOAD AMPERES		
GFI	GROUND FAULT INTERRUPT		
GND	GROUND		
H	HIGH		
HP	HORSEPOWER		
HZ	HERTZ		
IC	INTERCOM		
IG	ISOLATED GROUND		
IMC	INTERMEDIATE METAL CONDUIT		
JB	JUNCTION BOX		
KV	KILOVOLT		
KVA	KILOVOLT AMPERES		
KW	KILOWATT		
L	LENGTH		
LGT	LIGHTING		
MA	MILLIAMPERES		
MBB	MONITOR BREAKOUT BOX		
MCB	MAIN CIRCUIT BREAKER		
MCC	MOTOR CONTROL CENTER		
MCM	1000 CIRCULAR MILLS		
MECH	MECHANICAL		
MC	MICROPHONE		
MIN	MINIMUM		
MISC	MISCELLANEOUS		
MLO	MANU LESS ONLY		
MM	MULTI MODE		
MTD	MOUNTED		

**CODE AUTHORITY**

ELECTRICAL:  
2011 NATIONAL ELECTRIC CODE  
2014 FLORIDA BUILDING CODE

**GENERAL NOTES**

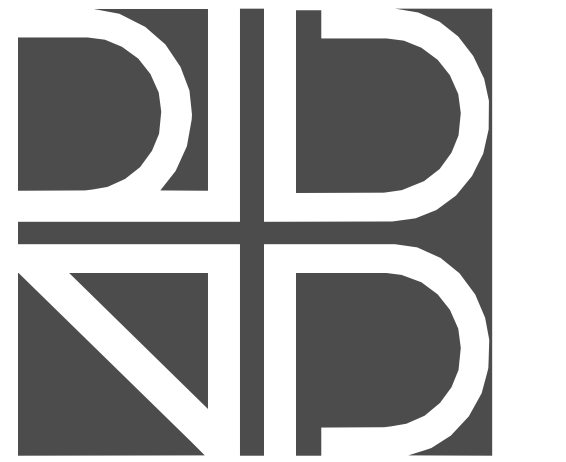
1. ALL ELECTRICAL WORK SHALL CONFORM TO APPLICABLE STATE, LOCAL, AND NATIONAL ELECTRICAL CODES.
2. ELECTRICAL CHARACTERISTICS SHALL BE VERIFIED WITH EQUIPMENT MANUFACTURER.
3. ITEMS OF SPECIFIC MANUFACTURERS SHALL BE INSTALLED IN STRICT ACCORDANCE WITH MANUFACTURERS PRINTED INSTRUCTIONS AND/OR MANUFACTURER'S REPRESENTATIVE'S DIRECTIONS.
4. THE CONTRACTOR SHALL FIELD VERIFY ALL LOCATIONS AND DIMENSIONS SHOWN ON DRAWINGS.
5. ALL AREAS DISTURBED BY WORK SHALL BE RESTORED TO A CONDITION EQUAL TO ORIGINAL OR AS DETERMINED BY THE OWNER.
6. NEW FLUORESCENT LAMPS SHALL MATCH EXISTING IN COLOR AND TYPE.
7. EXIT SIGNS TO BE WIRED TO NEAREST EMERGENCY LIGHTING CIRCUIT, WITH AN UNSWITCHED PHASE CONDUCTOR.
8. EMERGENCY LIGHTING TO BE WIRED TO SEPARATE SWITCH LEG WITH WATTSTOPPER RELAY TO SENSE POWER LOSS.
9. COORDINATE WITH OWNER FOR METERING OF CIRCUITS TO TENANT SPACE.
10. THE ELECTRICAL CONTRACTOR SHALL COORDINATE THE INSTALLATION OF ALL EQUIPMENT WITH OTHER CONTRACTORS.
11. THE CONTRACTOR SHALL PROVIDE RACEWAYS, WIRING, AND CONNECTIONS FOR ALL CONTROL CIRCUITS AND INTERLOCK.
12. ALL ELECTRICAL CONDUIT AND CONDUCTORS DISCONNECTED AND NOT TO BE REUSED SHALL BE REMOVED.
13. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS BEFORE STARTING WORK. IF ONLY A PORTION OF AN EXISTING CIRCUIT IS BEING REMOVED FOR DEMOLITION, CONTINUITY SHALL BE MAINTAINED TO THE REST OF THE REMAINING CIRCUIT.
14. ALL BRANCH CIRCUITS SHALL CONSIST OF 2 #12 AWG CONDUCTORS PLUS 1 #12 AWG GROUND, UNLESS OTHERWISE SHOWN.
15. ALL RACEWAYS SHALL BE RUN IN NEAT AND WORKMAN-LIKE MANNER AND SHALL BE PROPERLY SUPPORTED.
16. ALL RACEWAY RUNS PRIOR TO TERMINATION AT BRANCH PANEL, SHALL BE CAPPED DURING THE COURSE OF CONSTRUCTION BUT NOT UNTIL WIRES ARE PULLED IN AND COVERS ARE IN PLACE. NO CONDUCTORS SHALL BE PULLED INTO RACEWAYS UNTIL CONSTRUCTION WORK, WHICH MIGHT DAMAGE THE RACEWAYS, HAS BEEN COMPLETED.
17. CONTRACTOR TO PROVIDE NYLON PULL CORD IN ALL EMPTY RACEWAYS.
18. ALL CUTTING AND PATCHING AS A RESULT OF NEW CONSTRUCTION OR DEMOLITION SHALL BE PERFORMED IN A WORKMANLIKE MANNER AND SHALL MATCH IN COLOR, SHAPE, SIZE AND TEXTURE ADJACENT TO AND/OR CONTIGUOUS WITH FINISHED SURFACES.
19. THE ELECTRICAL DRAWINGS ARE SCHEMATIC ONLY. COORDINATE EXACT LOCATIONS AND DETAILS OF ELECTRICAL EQUIPMENT, CONDUITS, ETC. WITH THE OWNER.
20. CONSTRUCTION DOCUMENTS REPRESENT THE CONSULTANT'S DESIGN INTENT. IT IS NOT THE INTENT OF THE DRAWINGS AND SPECIFICATIONS TO IDENTIFY EACH AND EVERY DETAIL OF THE ELECTRICAL CONSTRUCTION. PROVIDE ALL NECESSARY EQUIPMENT AND LABOR FOR A COMPLETE AND FULLY FUNCTIONAL ELECTRICAL SYSTEM.
21. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS, LOCATIONS, AND DIMENSIONS SHOWN ON DRAWINGS AND SHALL NOTIFY THE ENGINEER/ARCHITECT OF ANY DISCREPANCIES PRIOR TO THE START OF WORK.
22. THE ENGINEER HAS MADE EVERY EFFORT TO PROPERLY ADDRESS ALL RELATED TRADES AND IT IS THE RESPONSIBILITY OF EACH INDIVIDUAL CONTRACTOR (AS PART OF THEIR BASE BID) TO THOROUGHLY REVIEW ALL DESIGN DOCUMENTS BEFORE WORK IS TO BEGIN. IN CASE OF A CONFLICT, NOTIFY THE ARCHITECT/ENGINEER IMMEDIATELY TO COORDINATE ANY DISCREPANCY.
23. ALL ELEVATIONS NOTED ON THE CONTRACT DRAWING ARE RELATIVE TO THE FINISHED FLOOR UNLESS NOTED OTHERWISE.
24. CONTRACTOR SHALL REPAIR AND REFINISH ALL CONTRACTOR RELATED DAMAGES AND RELATED AREAS AFFECTED BY RENOVATION WORK BACK TO THEIR ORIGINAL CONDITION AS NEW AND IN AN ACCEPTABLE MANNER TO OWNER, ARCHITECT, WITH NO ADDITIONAL COST TO OWNER.
25. IF ASBESTOS IS ENCOUNTERED DURING CONTRACTED WORK, STOP WORK IN THAT AREA AND IMMEDIATELY CONTACT THE OWNER.
26. ALL PROJECT SUBMITTALS SHALL BE SUBMITTED AND RETURNED MARKED REVIEWED OR REVIEWED AS NOTED PRIOR TO ORDERING/INSTALLATION OF ANY PRODUCT / SERVICE.
27. CONTRACTOR SHALL ASSUME THAT ALL ELECTRICAL EQUIPMENT, RACEWAYS, CONDUCTORS, ETC. SHOWN ON THE DRAWINGS SHALL BE FURNISHED AND INSTALLED BY THE CONTRACTOR UNLESS SPECIFICALLY NOTED AS 'EXISTING'.
28. CONTRACTOR SHALL REVIEW AND COORDINATE THE ELECTRICAL CONSTRUCTION WITH OTHER TRADES, EQUIPMENT SUPPLIERS AND THE OWNER.
29. ALL WIRE SHALL BE STRANDED COPPER CONDUCTORS, 600V RATED, TYPE THINWITWIN, UNLESS OTHERWISE NOTED. ALL INTERIOR CONDUITS SHALL BE ELECTRICAL METALLIC TUBING (EMT), RIGID METAL CONDUIT (RMC) OR FLEXIBLE METAL CONDUIT (FMT), UNLESS OTHERWISE NOTED.
30. CONTRACTOR SHALL PERMANENTLY IDENTIFY ALL WIRING WITH THE SOURCE AND CIRCUIT AT ALL ELECTRICAL EQUIPMENT, PULL AND JUNCTION BOXES AND ELECTRICAL TERMINATIONS PROVIDED OR ASSOCIATED WITH THIS CONSTRUCTION.
31. WHERE CONDUITS PENETRATE FIRE RATED WALLS OR FLOORS, FURNISH AND INSTALL FIRE STOPPING THAT IS AN UNDERWRITER'S LABORATORIES LISTED SYSTEM OR A DESIGN AND INSTALLATION THAT CONFORMS TO THE FLORIDA BUILDING CODE.
32. CONTRACTOR SHALL PATCH AND REPAIR ALL DAMAGED SURFACES AND AREAS WHERE EQUIPMENT WAS REMOVED OR MODIFIED, TO MATCH EXISTING CONDITIONS.
33. ALL NEW CONDUITS TO BE CONCEALED IN WALL WHERE POSSIBLE. ALL CONDUITS IN CEILING TO BE PAINTED TO MATCH SURROUNDING MATERIAL.
34. ALL BRANCH CIRCUIT SHALL BE CONCEALED UNLESS OTHERWISE NOTED.
35. REFER TO ARCHITECTURAL RCP FOR REFERENCE AS TO WHICH FIXTURES ARE NEW, EXISTING, OR TO BE RELOCATED.
36. REFER TO E-601 SHEET FOR SECTION VIEWS OF STACKED RECEPTACLE LOCATIONS.

**EXISTING CONDITIONS GENERAL NOTES**

1. VISIT AND CAREFULLY EXAMINE THOSE PORTIONS OF THE BUILDING AND SITE AFFECTED BY THIS WORK BEFORE SUBMITTING PROPOSALS. SO AS TO BECOME FAMILIAR WITH EXISTING CONDITIONS AND DIFFICULTIES THAT WILL AFFECT EXECUTION OF THE WORK. SUBMISSION OF A PROPOSAL WILL BE CONSTRUED AS EVIDENCE THAT SUCH EXAMINATION HAS BEEN MADE AND LATER CLAIMS FOR LABOR, EQUIPMENT OR MATERIALS REQUIRED BECAUSE OF DIFFICULTIES ENCOUNTER WILL NOT BE RECOGNIZED.
2. UTILITIES AND SERVICES INDICATED ARE TAKEN FROM FIELD INVESTIGATION. IT IS TO BE UNDERSTOOD THAT UNFORESSEEN CONDITIONS EXIST AND NEW WORK MAY NOT BE FIELD LOCATED EXACTLY AS SHOWN ON THE DRAWINGS. COOPERATION WITH OTHER TRADES IN ROUTING AND/OR BURIAL DEPTHS, AS DETERMINED DURING CONSTRUCTION AND AS DIRECTED BY THE ARCHITECT/ENGINEER, MAY BE NECESSARY. IT IS ALSO UNDERSTOOD THAT THE PLANS ARE NOT COMPLETELY TO SCALE. THIS CONTRACTOR IS TO FIELD VERIFY DIMENSION OF ALL SITE UTILITIES, ETC. PRIOR TO BID.
3. ELECTRICAL CONTRACTOR SHALL TRACE LIGHTING AND POWER BRANCH CIRCUITS TO IDENTIFY CIRCUITS SERVING AREA WITHIN SCOPE OF WORK. PROVIDE UPDATED TYPED WRITTEN PANEL SCHEDULES AT COMPLETION OF WORK.
4. REMOVE EXISTING POWER, LIGHTING, SYSTEMS, MATERIAL, AND EQUIPMENT WHICH ARE MADE OBSOLETE OR WHICH INTERFERE WITH THE CONSTRUCTION OF THE PROJECT.
5. REINSTALL ANY SUCH POWER, LIGHTING, SYSTEMS, MATERIALS AND EQUIPMENT WHICH ARE REQUIRED TO REMAIN ACTIVE FOR THE FACILITY TO BE FULLY FUNCTIONAL.
6. EXISTING OUTLET BOXES AND CONDUIT WHICH ARE LOCATED PROPERLY FOR NEW WORK MAY BE REUSED FOR NEW DEVICES AND WIRE.
7. ALL CONDUIT AND WIRE REMOVED SHALL BE TAKEN BACK TO THE SOURCE OF SUPPLY UNLESS OTHERWISE NOTED.
8. INSTALL A BLANK COVER PLATE WHERE REQUIRED.
9. ALL UNUSED RACEWAYS WITHIN ACCESSIBLE SPACES SHALL BE COMPLETELY REMOVED. REMOVE ALSO ASSOCIATED CONDUCTORS, JUNCTION BOXES, FASTENERS AND SUPPORTS.

**DEMOLITION NOTES**

1. THE CONTRACTOR SHALL VISIT AND CAREFULLY EXAMINE THOSE PORTIONS OF THE BUILDING AND SITE AFFECTED BY THIS WORK BEFORE SUBMITTING PROPOSAL, SO AS TO BECOME FAMILIAR WITH EXISTING WORK. SUBMISSION OF A PROPOSAL WILL BE CONSTRUED AS EVIDENCE THAT SUCH EXAMINATION HAS BEEN MADE AND LATER CLAIMS FOR LABOR, EQUIPMENT OR MATERIALS REQUIRED BECAUSE OF DIFFICULTIES ENCOUNTERED WILL NOT BE RECOGNIZED. IT IS TO BE UNDERSTOOD THAT UNFORESSEEN CONDITIONS EXIST AND NEW WORK MAY NOT BE FIELD LOCATED EXACTLY AS SHOWN ON THE DRAWINGS. COORDINATION WITH OTHER TRADES IN EQUIPMENT ROUTING AS DETERMINED DURING CONSTRUCTION AND AS DIRECTED BY THE ARCHITECT/ENGINEER MAY BE NECESSARY AND ALL REQUIRED COORDINATION BETWEEN TRADES SHALL BE CONSIDERED AS PART OF THIS CONTRACT. IT IS ALSO UNDERSTOOD THAT THE PLANS ARE NOT COMPLETELY TO SCALE. FIELD VERIFY DIMENSIONS OF ALL EXISTING CONDITIONS, PRIOR TO BID AND INCLUDE ANY DEVIATIONS IN THE CONTRACT.
2. ALL DEVICES AND EQUIPMENT NOT SHOWN AND IN AREAS OUTSIDE OF THE SCOPE OF WORK SHALL REMAIN ACTIVE UNLESS OTHERWISE NOTED. INSTALL TEMPORARY SERVICES AS REQUIRED TO MAINTAIN CONTINUITY TO EXISTING DEVICES AND EQUIPMENT THAT REMAIN.
3. ALL EQUIPMENT AND MATERIAL REMOVED AND NOT REUSED SHALL BE TURNED OVER TO THE OWNER OR AT THE OWNERS REQUEST DISPOSED OF BY THE CONTRACTOR.
4. ALL ELECTRICAL DEVICES THAT ARE REMOVED SHALL BE REMOVED AS DIRECTED BY THE OWNER, AND CEILING OR WALL SHALL BE PATCHED OR PAINTED AS DIRECTED BY ARCHITECT.
5. ALL EXISTING ELECTRICAL EQUIPMENT IS NOT SHOWN. IT IS THE CONTRACTORS RESPONSIBILITY TO BECOME FAMILIAR WITH ALL EXISTING CONDITIONS PRIOR TO BID, AND INCLUDE IN HIS BID THE REMOVAL OF ALL EQUIPMENT, CONDUIT, WIRE, ETC. THAT IS NOT BEING REUSED BACK TO ITS SOURCE.
6. ALL CONCRETE, WALL PATCHING, CEILING REPAIR, AND OTHER GENERAL WORK REQUIRED FOR INSTALLING THE ELECTRICAL SYSTEMS AND TO REPAIR TO "LIKE NEW CONDITION" TO BE PROVIDED AND INSTALLED BY ELECTRICAL CONTRACTOR. (COORDINATE WITH GENERAL CONTRACTOR).
7. PROVIDE AND INSTALL ANY ADDITIONAL HANGERS/SUPPORTS REQUIRED TO ACCOMMODATE ANY EQUIPMENT RELOCATION.
8. COORDINATE ALL CEILING MOUNTED DEVICES WITH ARCHITECTURAL REFLECTED CEILING AND WORK OF ALL OTHER TRADES.
9. REUSE EXISTING RACEWAY AND OUTLETS WITHIN EXISTING WALL PARTITIONS WHERE POSSIBLE, WHERE EXISTING RACEWAY CANNOT BE REUSED, CONTRACTOR TO PROVIDE NEW RACEWAYS EQUIVALENT TO THE DESIGN INTENT. FINAL APPROVAL TO BE MADE BY THE ARCHITECT, ENGINEER, OR OWNER'S REPRESENTATIVE PRIOR TO INSTALLATION.



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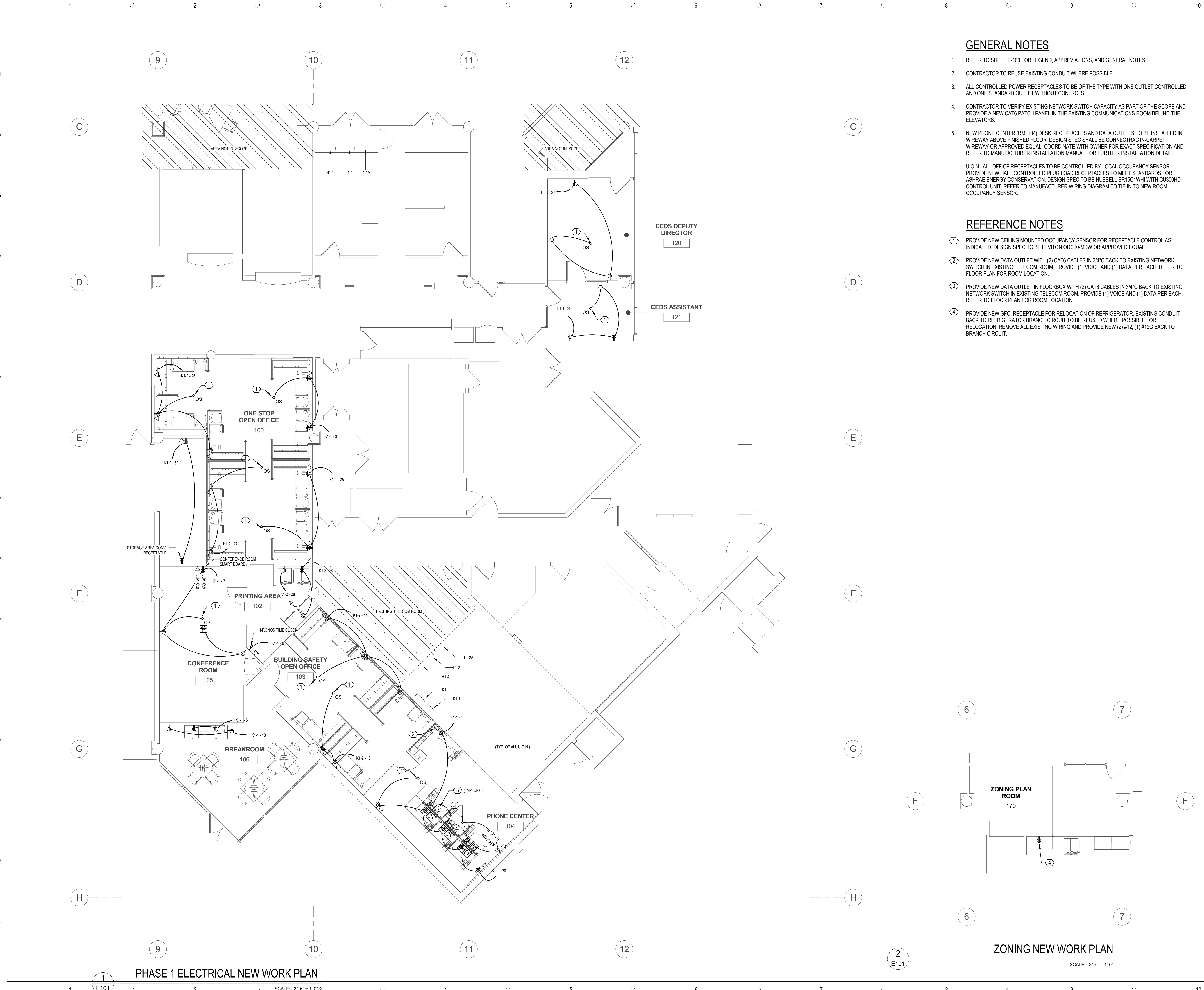
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DATE	SUBMISSION / REVISION	NO.
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**LEGEND,  
ABBREVIATIONS, AND  
GENERAL NOTES**

SCALE: AS INDICATED  
DRAWN BY: M. LARUE  
CHECK BY: T. COMER  
DATE: September 22, 2017  
PROJECT NUMBER: 15012-0031

E100

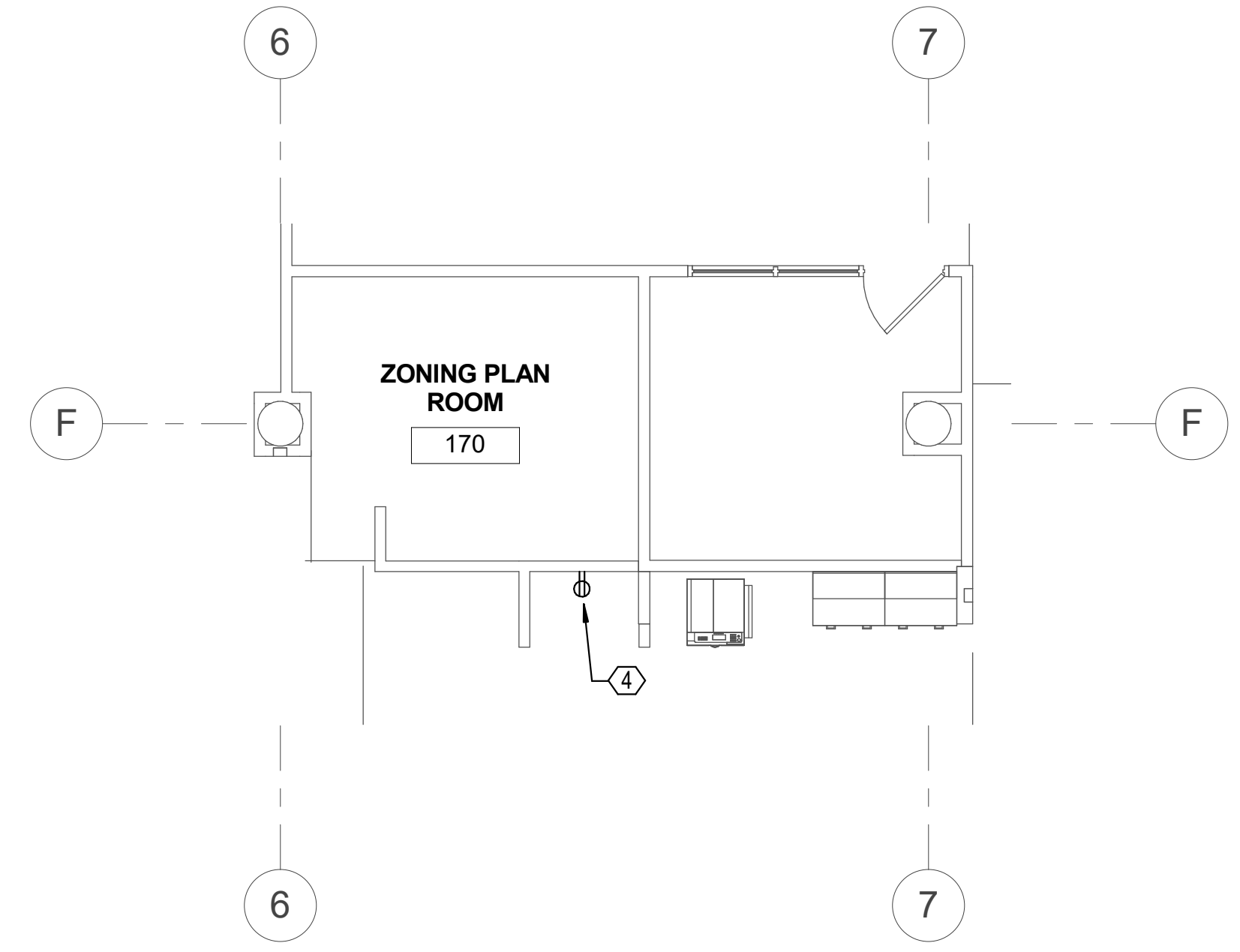


**GENERAL NOTES**

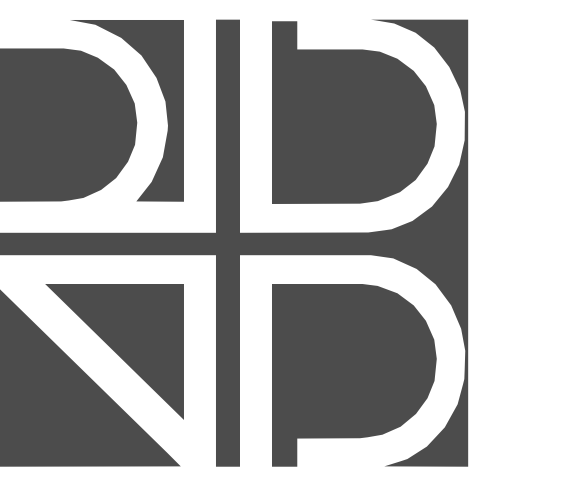
- REFER TO SHEET E-100 FOR LEGEND, ABBREVIATIONS, AND GENERAL NOTES.
  - CONTRACTOR TO REUSE EXISTING CONDUIT WHERE POSSIBLE.
  - ALL CONTROLLED POWER RECEPTACLES TO BE OF THE TYPE WITH ONE OUTLET CONTROLLED AND ONE STANDARD OUTLET WITHOUT CONTROLS.
  - CONTRACTOR TO VERIFY EXISTING NETWORK SWITCH CAPACITY AS PART OF THE SCOPE AND PROVIDE A NEW CAT6 PATCH PANEL IN THE EXISTING COMMUNICATIONS ROOM BEHIND THE ELEVATORS.
  - NEW PHONE CENTER (RM. 104) DESK RECEPTACLES AND DATA OUTLETS TO BE INSTALLED IN WIREWAY ABOVE FINISHED FLOOR. DESIGN SPEC SHALL BE CONNECTRAC IN-CARPET WIREWAY OR APPROVED EQUAL. COORDINATE WITH OWNER FOR EXACT SPECIFICATION AND REFER TO MANUFACTURER INSTALLATION MANUAL FOR FURTHER INSTALLATION DETAIL.
- U.O.N. ALL OFFICE RECEPTACLES TO BE CONTROLLED BY LOCAL OCCUPANCY SENSOR. PROVIDE NEW HALF CONTROLLED PLUG LOAD RECEPTACLES TO MEET STANDARDS FOR ASHRAE ENERGY CONSERVATION. DESIGN SPEC TO BE HUBBELL BR15C1WHI WITH CU300HD CONTROL UNIT. REFER TO MANUFACTURER WIRING DIAGRAM TO TIE IN TO NEW ROOM OCCUPANCY SENSOR.

**REFERENCE NOTES**

- PROVIDE NEW CEILING MOUNTED OCCUPANCY SENSOR FOR RECEPTACLE CONTROL AS INDICATED. DESIGN SPEC TO BE LEVITON ODC10-HDW OR APPROVED EQUAL.
- PROVIDE NEW DATA OUTLET WITH (2) CAT6 CABLES IN 3/4" BACK TO EXISTING NETWORK SWITCH IN EXISTING TELECOM ROOM. PROVIDE (1) VOICE AND (1) DATA PER EACH. REFER TO FLOOR PLAN FOR ROOM LOCATION.
- PROVIDE NEW DATA OUTLET IN FLOORBOX WITH (2) CAT6 CABLES IN 3/4" BACK TO EXISTING NETWORK SWITCH IN EXISTING TELECOM ROOM. PROVIDE (1) VOICE AND (1) DATA PER EACH. REFER TO FLOOR PLAN FOR ROOM LOCATION.
- PROVIDE NEW GFCI RECEPTACLE FOR RELOCATION OF REFRIGERATOR. EXISTING CONDUIT BACK TO REFRIGERATOR BRANCH CIRCUIT TO BE REUSED WHERE POSSIBLE FOR RELOCATION. REMOVE ALL EXISTING WIRING AND PROVIDE NEW (2) #12, (1) #12G BACK TO BRANCH CIRCUIT.



**ZONING NEW WORK PLAN**  
SCALE: 3/16" = 1'-0"



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**PHASE ONE POWER  
NEW WORK PLAN**

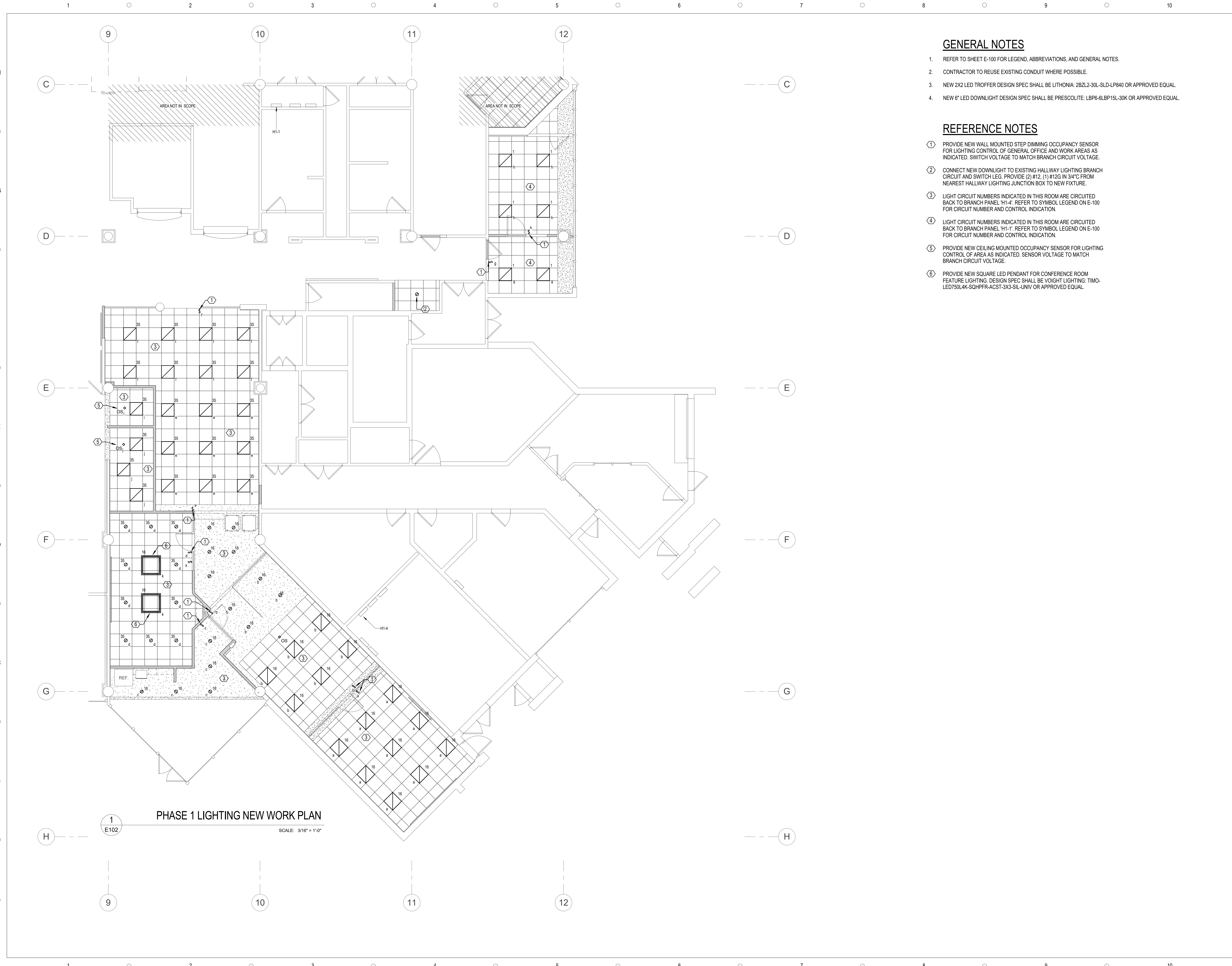
SCALE: AS INDICATED  
DRAWN BY: M. LARUE  
CHECK BY: T. COMER  
DATE: August 21, 2017  
PROJECT NUMBER: 15012-0031

**E101**

**PHASE 1 ELECTRICAL NEW WORK PLAN**

SCALE: 3/16" = 1'-0"

1  
E101

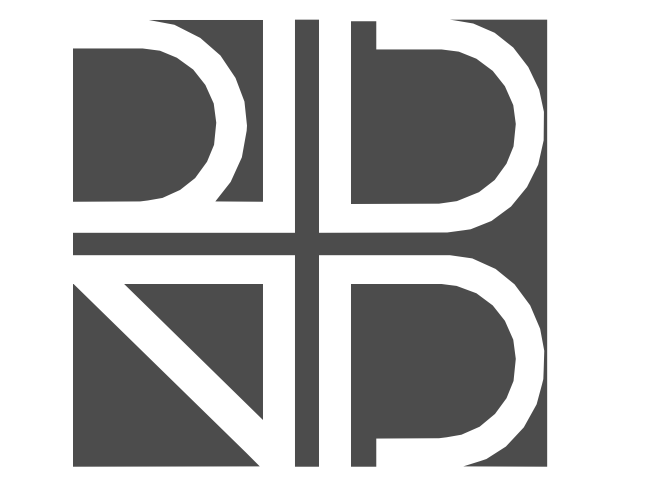


**GENERAL NOTES**

1. REFER TO SHEET E-100 FOR LEGEND, ABBREVIATIONS, AND GENERAL NOTES.
2. CONTRACTOR TO REUSE EXISTING CONDUIT WHERE POSSIBLE.
3. NEW 2X2 LED TROFFER DESIGN SPEC SHALL BE LITHONIA: 2BZL2-30L-SLD-LP840 OR APPROVED EQUAL.
4. NEW 6" LED DOWNLIGHT DESIGN SPEC SHALL BE PRESCOLITE: LBP6-6LBP15L-30K OR APPROVED EQUAL.

**REFERENCE NOTES**

- ① PROVIDE NEW WALL MOUNTED STEP DIMMING OCCUPANCY SENSOR FOR LIGHTING CONTROL OF GENERAL OFFICE AND WORK AREAS AS INDICATED. SWITCH VOLTAGE TO MATCH BRANCH CIRCUIT VOLTAGE.
- ② CONNECT NEW DOWNLIGHT TO EXISTING HALLWAY LIGHTING BRANCH CIRCUIT AND SWITCH LEG. PROVIDE (2) #12, (1) #12G IN 3/4" FROM NEAREST HALLWAY LIGHTING JUNCTION BOX TO NEW FIXTURE.
- ③ LIGHT CIRCUIT NUMBERS INDICATED IN THIS ROOM ARE CIRCUITED BACK TO BRANCH PANEL 'H1-4'. REFER TO SYMBOL LEGEND ON E-100 FOR CIRCUIT NUMBER AND CONTROL INDICATION.
- ④ LIGHT CIRCUIT NUMBERS INDICATED IN THIS ROOM ARE CIRCUITED BACK TO BRANCH PANEL 'H1-1'. REFER TO SYMBOL LEGEND ON E-100 FOR CIRCUIT NUMBER AND CONTROL INDICATION.
- ⑤ PROVIDE NEW CEILING MOUNTED OCCUPANCY SENSOR FOR LIGHTING CONTROL OF AREA AS INDICATED. SENSOR VOLTAGE TO MATCH BRANCH CIRCUIT VOLTAGE.
- ⑥ PROVIDE NEW SQUARE LED PENDANT FOR CONFERENCE ROOM FEATURE LIGHTING. DESIGN SPEC SHALL BE VOIGHT LIGHTING: TIMO-LED750L4K-SQHPR-ACST-3X3-SIL-UNV OR APPROVED EQUAL.



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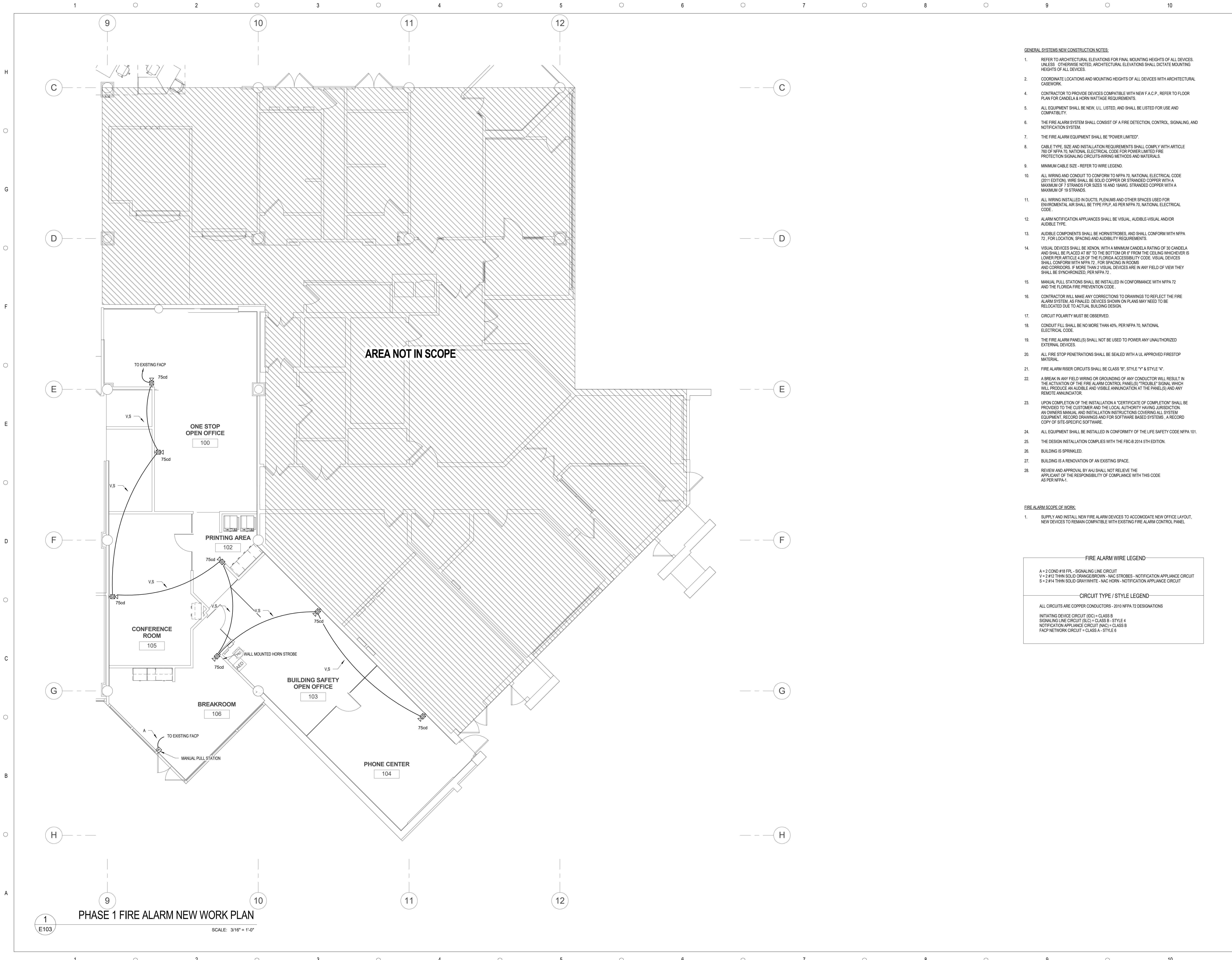
DATE	SUBMISSION / REVISION	NO.

**PHASE ONE LIGHTING**  
**NEW WORK PLAN**

SCALE: AS INDICATED  
DRAWN BY: M. LARUE  
CHECK BY: T. COMER  
DATE: September 22, 2017  
PROJECT NUMBER: 15012-0031

**E102**





- GENERAL SYSTEMS NEW CONSTRUCTION NOTES:
- REFER TO ARCHITECTURAL ELEVATIONS FOR FINAL MOUNTING HEIGHTS OF ALL DEVICES. UNLESS OTHERWISE NOTED, ARCHITECTURAL ELEVATIONS SHALL DICTATE MOUNTING HEIGHTS OF ALL DEVICES.
  - COORDINATE LOCATIONS AND MOUNTING HEIGHTS OF ALL DEVICES WITH ARCHITECTURAL CASEWORK.
  - CONTRACTOR TO PROVIDE DEVICES COMPATIBLE WITH NEW F.A.C.P., REFER TO FLOOR PLAN FOR CANDELA & HORN WATTAGE REQUIREMENTS.
  - ALL EQUIPMENT SHALL BE NEW, U.L. LISTED, AND SHALL BE LISTED FOR USE AND COMPATIBILITY.
  - THE FIRE ALARM SYSTEM SHALL CONSIST OF A FIRE DETECTION, CONTROL, SIGNALING, AND NOTIFICATION SYSTEM.
  - THE FIRE ALARM EQUIPMENT SHALL BE "POWER LIMITED".
  - CABLE TYPE, SIZE AND INSTALLATION REQUIREMENTS SHALL COMPLY WITH ARTICLE 760 OF NFPA 70, NATIONAL ELECTRICAL CODE FOR POWER LIMITED FIRE PROTECTION SIGNALING CIRCUITS-WIRING METHODS AND MATERIALS.
  - MINIMUM CABLE SIZE - REFER TO WIRE LEGEND.
  - ALL WIRING AND CONDUIT TO CONFORM TO NFPA 70, NATIONAL ELECTRICAL CODE (2011 EDITION). WIRE SHALL BE SOLID COPPER OR STRANDED COPPER WITH A MAXIMUM OF 7 STRANDS FOR SIZES 16 AND 18AWG. STRANDED COPPER WITH A MAXIMUM OF 19 STRANDS.
  - ALL WIRING INSTALLED IN DUCTS, PLENUMS AND OTHER SPACES USED FOR ENVIRONMENTAL AIR SHALL BE TYPE FPLP, AS PER NFPA 70, NATIONAL ELECTRICAL CODE.
  - ALARM NOTIFICATION APPLIANCES SHALL BE VISUAL, AUDIBLE-VISUAL AND/OR AUDIBLE TYPE.
  - AUDIBLE COMPONENTS SHALL BE HORNSTROBES, AND SHALL CONFORM WITH NFPA 72, FOR LOCATION, SPACING AND AUDIBILITY REQUIREMENTS.
  - VISUAL DEVICES SHALL BE XENON, WITH A MINIMUM CANDELA RATING OF 30 CANDELA AND SHALL BE PLACED AT 90° TO THE BOTTOM OR 9° FROM THE CEILING WHICHEVER IS LOWER PER ARTICLE 4.28 OF THE FLORIDA ACCESSIBILITY CODE. VISUAL DEVICES SHALL CONFORM WITH NFPA 72, FOR SPACING IN ROOMS AND CORRIDORS. IF MORE THAN 2 VISUAL DEVICES ARE IN ANY FIELD OF VIEW THEY SHALL BE SYNCHRONIZED, PER NFPA 72.
  - MANUAL PULL STATIONS SHALL BE INSTALLED IN CONFORMANCE WITH NFPA 72 AND THE FLORIDA FIRE PREVENTION CODE.
  - CONTRACTOR WILL MAKE ANY CORRECTIONS TO DRAWINGS TO REFLECT THE FIRE ALARM SYSTEM AS FINISHED. DEVICES SHOWN ON PLANS MAY NEED TO BE RELOCATED DUE TO ACTUAL BUILDING DESIGN.
  - CIRCUIT POLARITY MUST BE OBSERVED.
  - CONDUIT FILL SHALL BE NO MORE THAN 40% PER NFPA 70, NATIONAL ELECTRICAL CODE.
  - THE FIRE ALARM PANEL(S) SHALL NOT BE USED TO POWER ANY UNAUTHORIZED EXTERNAL DEVICES.
  - ALL FIRE STOP PENETRATIONS SHALL BE SEALED WITH A UL APPROVED FIRESTOP MATERIAL.
  - FIRE ALARM RISER CIRCUITS SHALL BE CLASS "B", STYLE "Y" & STYLE "4".
  - A BREAK IN ANY FIELD WIRING OR GROUNDING OF ANY CONDUCTOR WILL RESULT IN THE ACTIVATION OF THE FIRE ALARM CONTROL PANEL(S) "TROUBLE" SIGNAL, WHICH WILL PRODUCE AN AUDIBLE AND VISIBLE ANNUNCIATION AT THE PANEL(S) AND ANY REMOTE ANNUNCIATOR.
  - UPON COMPLETION OF THE INSTALLATION A "CERTIFICATE OF COMPLETION" SHALL BE PROVIDED TO THE CUSTOMER AND THE LOCAL AUTHORITY HAVING JURISDICTION. AN OWNERS MANUAL AND INSTALLATION INSTRUCTIONS COVERING ALL SYSTEM EQUIPMENT, RECORD DRAWINGS AND FOR SOFTWARE BASED SYSTEMS, A RECORD COPY OF SITE-SPECIFIC SOFTWARE.
  - ALL EQUIPMENT SHALL BE INSTALLED IN CONFORMITY OF THE LIFE SAFETY CODE NFPA 101.
  - THE DESIGN INSTALLATION COMPLIES WITH THE FBC-B 2014 5TH EDITION.
  - BUILDING IS SPRINKLED.
  - BUILDING IS A RENOVATION OF AN EXISTING SPACE.
  - REVIEW AND APPROVAL BY AHJ SHALL NOT RELIEVE THE APPLICANT OF THE RESPONSIBILITY OF COMPLIANCE WITH THIS CODE AS PER NFPA-1.

- FIRE ALARM SCOPE OF WORK:
- SUPPLY AND INSTALL NEW FIRE ALARM DEVICES TO ACCOMMODATE NEW OFFICE LAYOUT, NEW DEVICES TO REMAIN COMPATIBLE WITH EXISTING FIRE ALARM CONTROL PANEL.

FIRE ALARM WIRE LEGEND	
A = 2 COND #18 FPL - SIGNALING LINE CIRCUIT	
V = 2 #12 THIN SOLID ORANGE-BROWN - NAC STROBES - NOTIFICATION APPLIANCE CIRCUIT	
S = 2 #14 THIN SOLID GRAY/WHITE - NAC HORN - NOTIFICATION APPLIANCE CIRCUIT	
CIRCUIT TYPE / STYLE LEGEND	
ALL CIRCUITS ARE COPPER CONDUCTORS - 2010 NFPA 72 DESIGNATIONS	
INITIATING DEVICE CIRCUIT (IDC) = CLASS B	
SIGNALING LINE CIRCUIT (SLC) = CLASS B - STYLE 4	
NOTIFICATION APPLIANCE CIRCUIT (NAC) = CLASS B	
FACP NETWORK CIRCUIT = CLASS A - STYLE 6	



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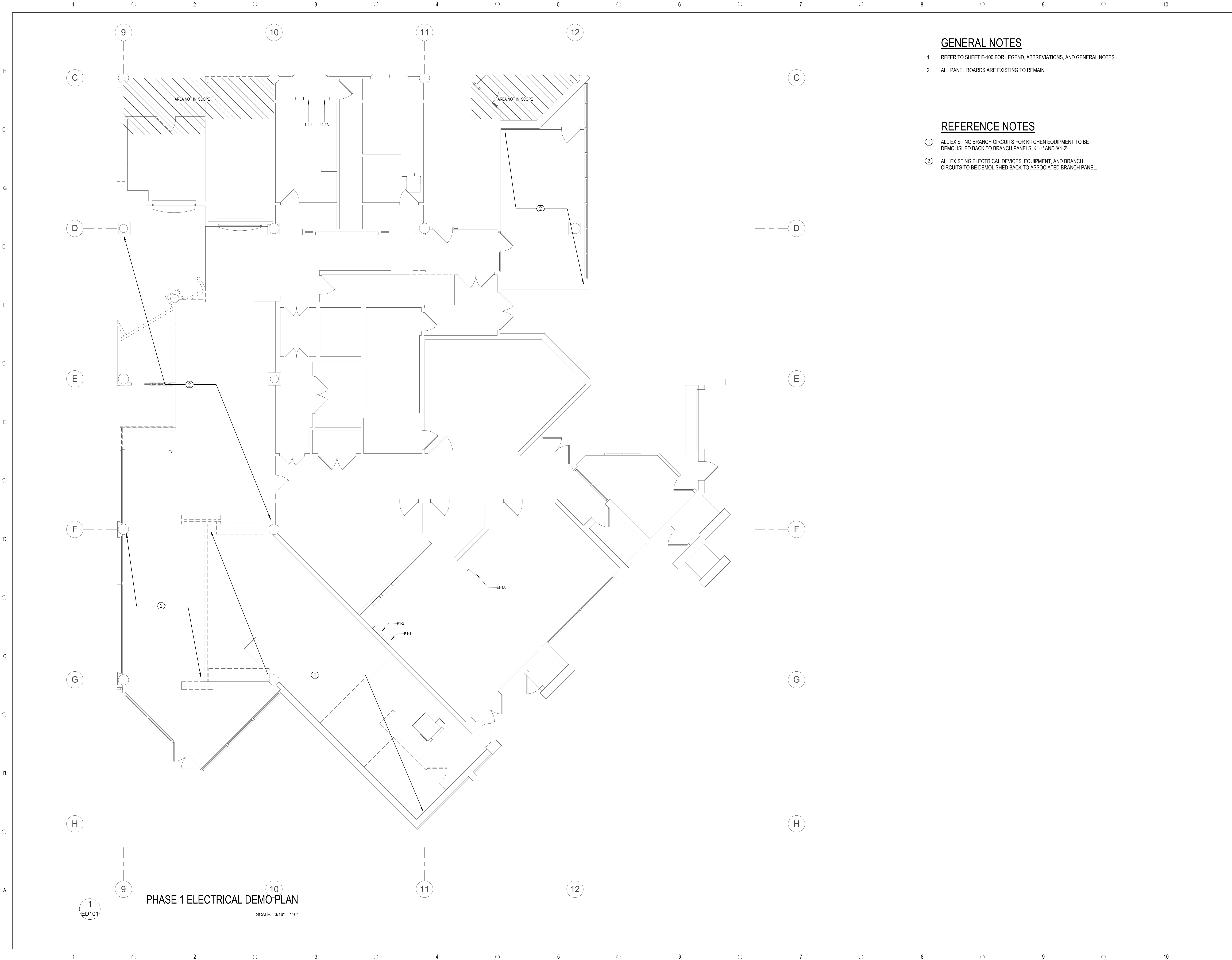
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**PHASE ONE FIRE  
ALARM NEW WORK  
PLAN**

SCALE: AS INDICATED  
DRAWN BY: T. COMER  
CHECK BY: T. COMER  
DATE: September 22, 2017  
PROJECT NUMBER: 15012-0031

**E103**

1  
E103  
**PHASE 1 FIRE ALARM NEW WORK PLAN**  
SCALE: 3/16" = 1'-0"

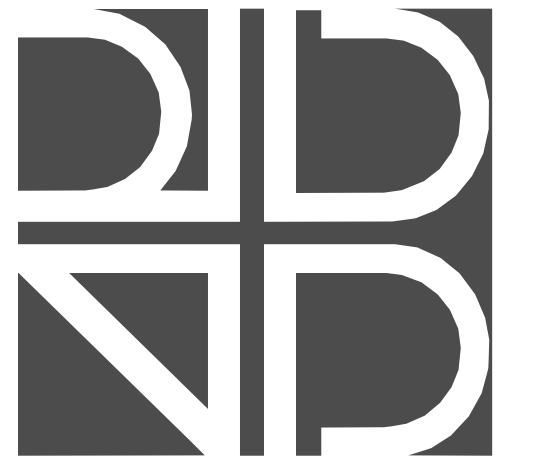


**GENERAL NOTES**

- 1. REFER TO SHEET E-100 FOR LEGEND, ABBREVIATIONS, AND GENERAL NOTES.
- 2. ALL PANEL BOARDS ARE EXISTING TO REMAIN.

**REFERENCE NOTES**

- ① ALL EXISTING BRANCH CIRCUITS FOR KITCHEN EQUIPMENT TO BE DEMOLISHED BACK TO BRANCH PANELS 'K1-1' AND 'K1-2'.
- ② ALL EXISTING ELECTRICAL DEVICES, EQUIPMENT, AND BRANCH CIRCUITS TO BE DEMOLISHED BACK TO ASSOCIATED BRANCH PANEL.



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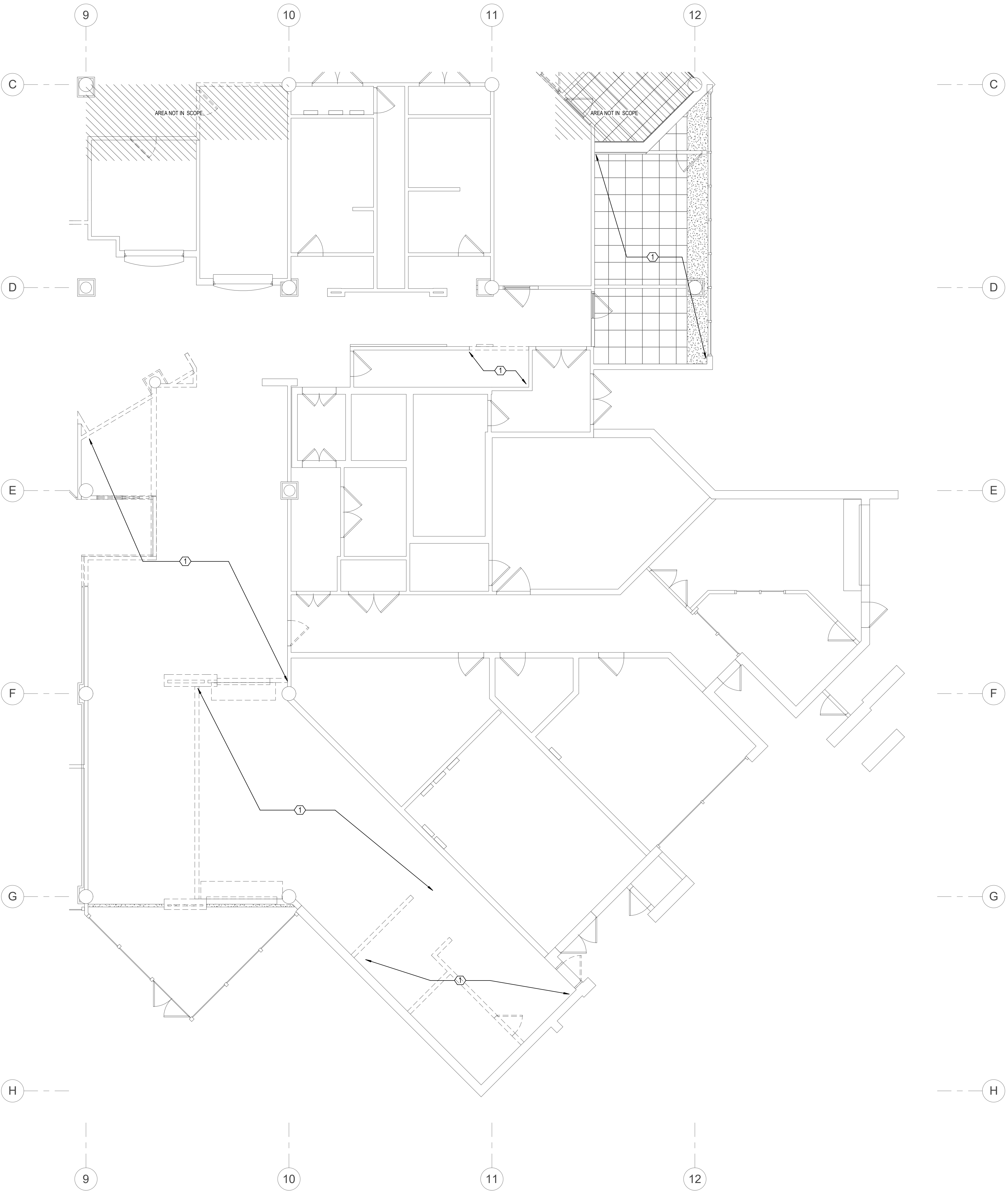
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**PHASE ONE POWER  
DEMO PLAN**

SCALE: AS INDICATED  
DRAWN BY: M. LARUE  
CHECK BY: T. COMER  
DATE: September 22, 2017  
PROJECT NUMBER: 15012-0031

**ED101**



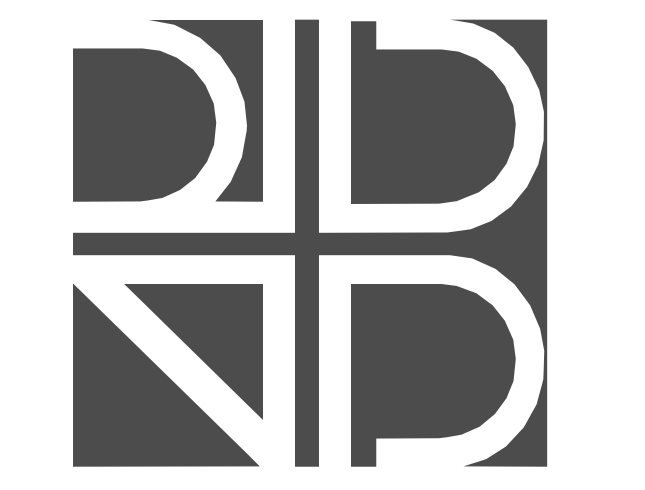
**GENERAL NOTES**

1. REFER TO SHEET E-100 FOR LEGEND, ABBREVIATIONS, AND GENERAL NOTES.
2. ALL PANEL BOARDS ARE EXISTING TO REMAIN.

**REFERENCE NOTES**

- ① ALL EXISTING LIGHTING FIXTURES IN THIS AREA SHALL BE REMOVED. ALL LIGHTING BRANCH CIRCUITS SHALL BE REMOVED COMPLETE BACK TO ASSOCIATED BRANCH PANEL.

1 ED102 PHASE 1 LIGHTING DEMO PLAN  
SCALE: 3/16" = 1'-0"



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Seal 03/20/17

ALVIN C. JAMES  
62471

BID DOCUMENTS

DATE	SUBMISSION / REVISION	NO.

**PHASE ONE LIGHTING  
DEMO PLAN**

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