

OFFICE / WAREHOUSE NEW BUILDING

255 WEST 2675 NORTH LAYTON, UTAH

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AD-001 ADA DETAILS

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PROJECT & CODE INFORMATION

APPLICABLE CODES

INTERNATIONAL BUILDING CODE	2018	INTERNATIONAL ENERGY CONV CODE	2018
INTERNATIONAL MECHANICAL CODE	2018	NATIONAL ELECTRICAL CODE	2020
INTERNATIONAL FUEL GAS CODE	2018	BUILDING CONSERVATION	2018
INTERNATIONAL PLUMBING CODE	2018	ADA ACCESSIBILITY GUIDELINES	2010
INTERNATIONAL FIRE CODE	2018		

A. OCCUPANCY AND GROUP CHANGE IN USE: NO B, S-1 MIXED OCCUPANCY: NO
B. SEISMIC DESIGN CATEGORY: D DESIGN WIND SPEED: 90 mph EXPOSURE: C
C. TYPE OF CONSTRUCTION (CIRCLE ONE)

I A B II A B III A B IV HT V A V B
D. FIRE RESISTANCE RATING: REQUIREMENTS FOR THE EXTERIOR WALLS BASED ON THE FIRE SEPARATION DISTANCE (IN HOURS)
NORTH 0 EAST 0 SOUTH 0 WEST 1 HR X<5 FT 2HR 5<X<10 FT 1HR 10<X<30 FT 0 HR
E. MIXED OCCUPANCIES: N/A NONSEPARATED USES: N/A

F. SPRINKLERED: REQUIRED: NO PER SECTION 903 PROVIDED: NO
TYPE OF SPRINKLER SYSTEM (IBC903.3.1) -

G. ALLOWABLE NUMBER OF STORIES: 2 ALLOWABLE BUILDING HEIGHT: 40 ft ACTUAL HEIGHT: 25'-6" ft

H. ACTUAL AREA PER FLOOR (square feet): 14,200 sf BASE ALLOWABLE (square feet): 9,000 sf

I. TABULAR AREA (table 503): YARD INCREASE: .75 x 9,000 = 6,750 SQ FT

J. AREA MODIFICATIONS: TOTAL 15,750 SQ FT

K. FIRE RESISTANCE RATING REQUIREMENTS FOR BUILDING ELEMENTS (hours)

ELEMENT	HOURS LISTING	ELEMENT	HOURS LISTING
EXTERIOR BEARING WALLS	2 TABLE 720.1(2) 3.1.4 (EQT 4.2)	FLOORS-CEILING FLOORS	0
INTERIOR BEARING WALLS	0	ROOFS-CEILING ROOFS	0
EXTERIOR NON-BEARING WALLS	0	EXTERIOR DOOR AND WINDOWS	0
STRUCTURAL FRAME	0	SHAFT ENCLOSURES	N/A
PARTITIONS - PERMANENT	0	FIRE WALLS	N/A
FIRE BARRIERS	0 TABLE 720.1(2) 3.1.4 (EQT 5.3)	FIRE PARTITIONS	N/A
DOORS IN FIRE BARRIER	0	SMOKE PARTITIONS	N/A

1HR SEPARATION BETWEEN SPACES - WALL TO EXTEND FROM FOR SLAB TO UNDER SIDE OF DECK

OCCUPANCY UNIT 1 OFFICE SPACE - 2377 SF / 100 = 24 - WAREHOUSE SPACE 5763 SF / 300 = 20
OCCUPANCY UNIT 2 OFFICE SPACE - 694 SF / 100 = 7 - WAREHOUSE SPACE 2702 SF / 300 = 9
OCCUPANCY UNIT 3 OFFICE SPACE - 369 SF / 100 = 4 - WAREHOUSE SPACE 1427 SF / 300 = 5
OCCUPANCY UNIT 4 OFFICE SPACE - 350 SF / 100 = 4 - WAREHOUSE SPACE 1403 SF / 300 = 5

L. OCCUPANCY WC (m) (f) LAV (m) (f) DRINKING FOUNTAIN SERVICE SINK
B: 65 1 PER 25 1 PER 40 1 PER 400 1
B: most restrictive FOR THE FOR THE
1st 50 & 1 1st 80 & 1
PER 50 PER 80
REMAINDER REMAINDER

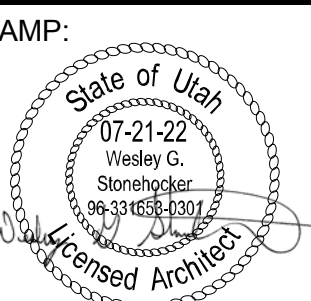
UNIT 1 TOTAL OCC = 44 / 2 - MALE 22 - FEMALE 22
UNIT 2 TOTAL OCC = 16 / 2 - MALE 8 - FEMALE 8
UNIT 3 TOTAL OCC = 9 / 2 - MALE 5 - FEMALE 5
UNIT 4 TOTAL OCC = 9 / 2 - MALE 5 - FEMALE 5

M. MINIMUM NUMBER OF REQUIRED PLUMBING FACILITIES:
CHAPTER 29 PLUMBING FIXTURE

a. WATER CLOSETS - REQUIRED (m) 1 (f) 1
b. URINALS - REQUIRED (m) 0
c. LAVATORIES - REQUIRED (m) 1 (f) 1
d. BATH TUBS OR SHOWERS
e. DRINKING FOUNTAINS: 1
f. SERVICE SINK: 1

a. WC PROVIDED (m) 1 (f) 1
b. URINALS PROVIDED (m)
c. LAV PROVIDED (m) 3 (f) 1
d. SHOWERS
e. DF PROVIDED
f. SERVICE SINKS:

BOTTLE WATER DISPENSER IS PROVIDED IN LUE OF DRINKING FOUNTAIN



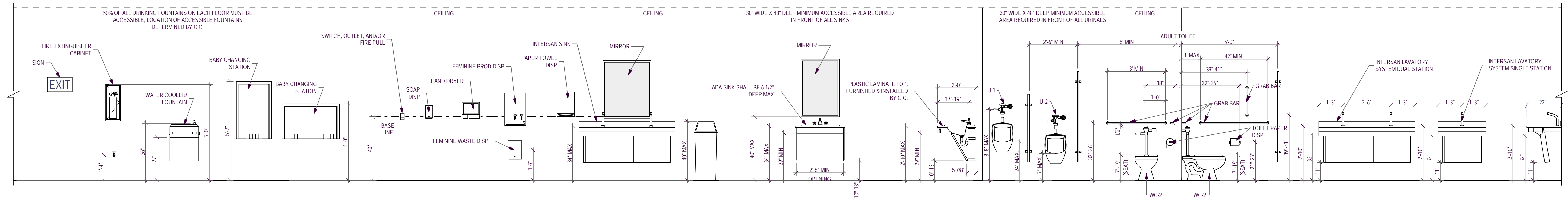
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PL REV 91522

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215 WEST 2675 NORTH
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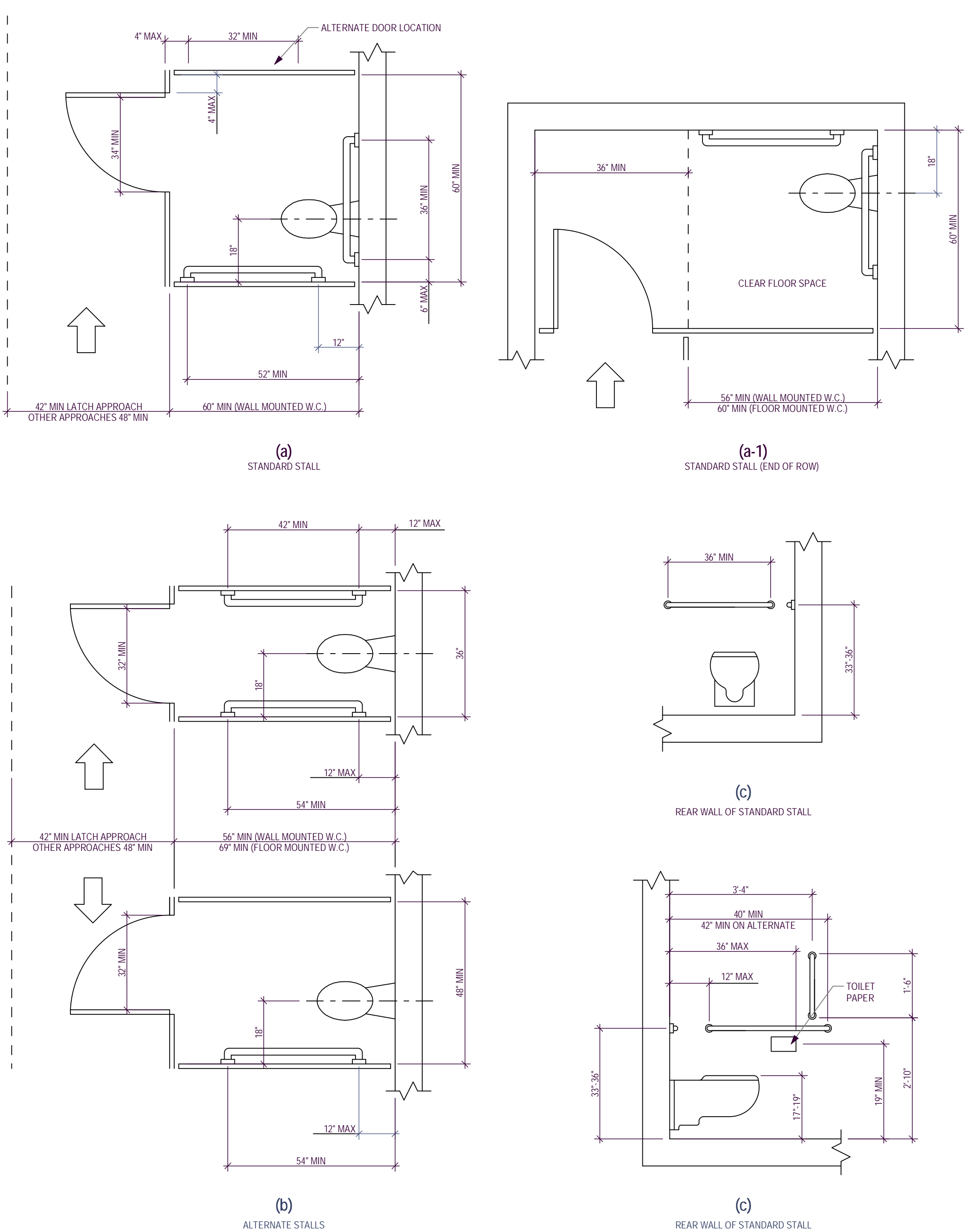
PROJECT NO:
2130

SHEET TITLE:
COVER SHEET

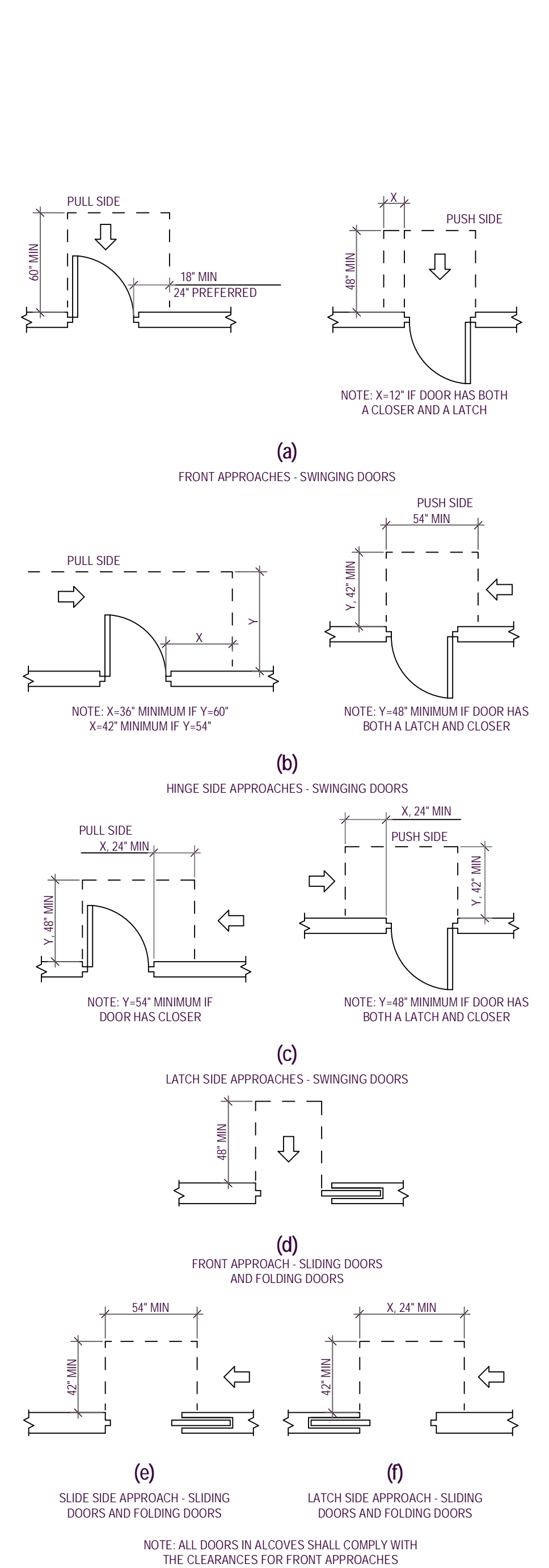
SHEET NUMBER:
A-001



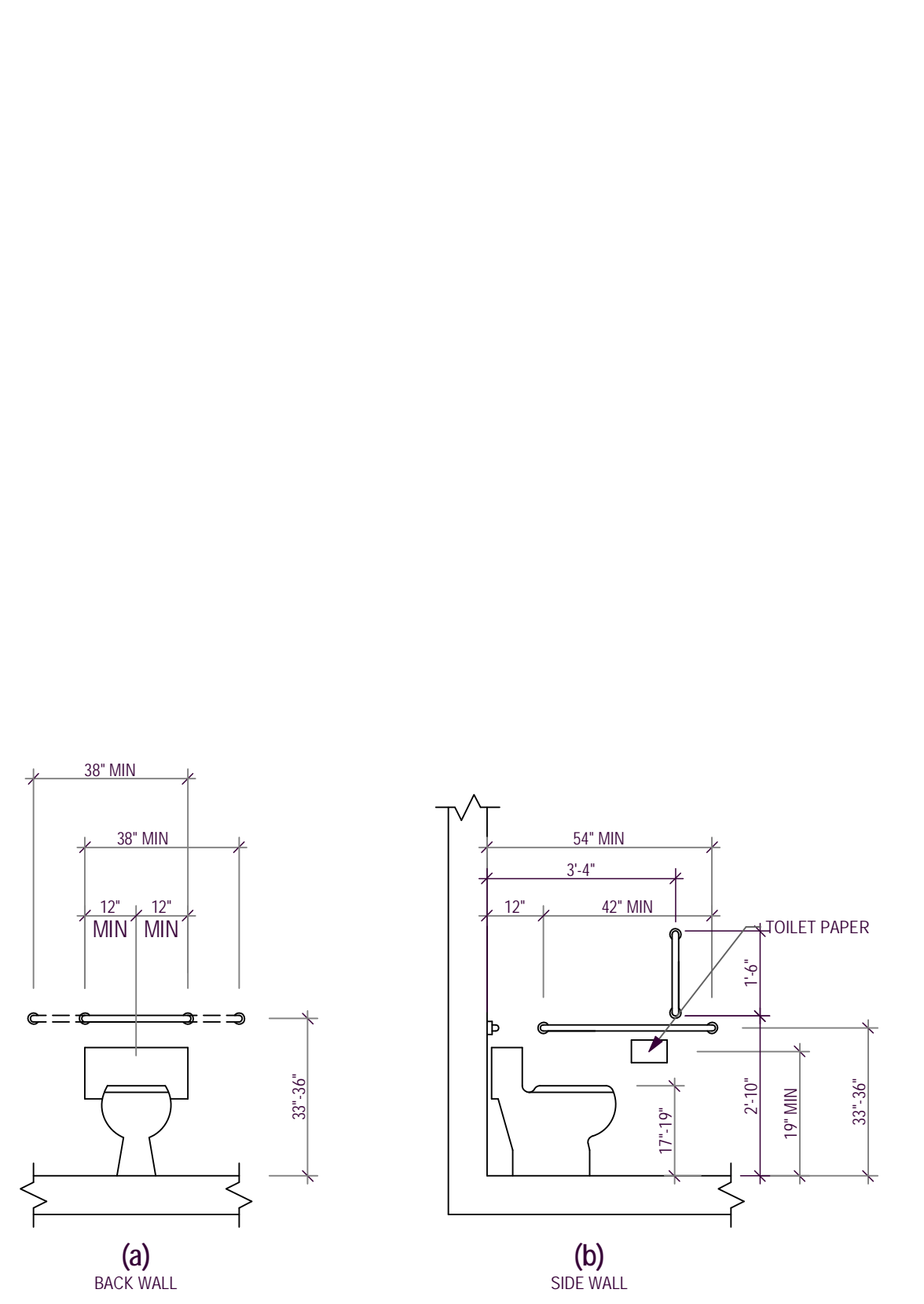
1 ACCESSIBLE MOUNTING HEIGHTS
 AD-001 SCALE: 3/8" = 1'-0"



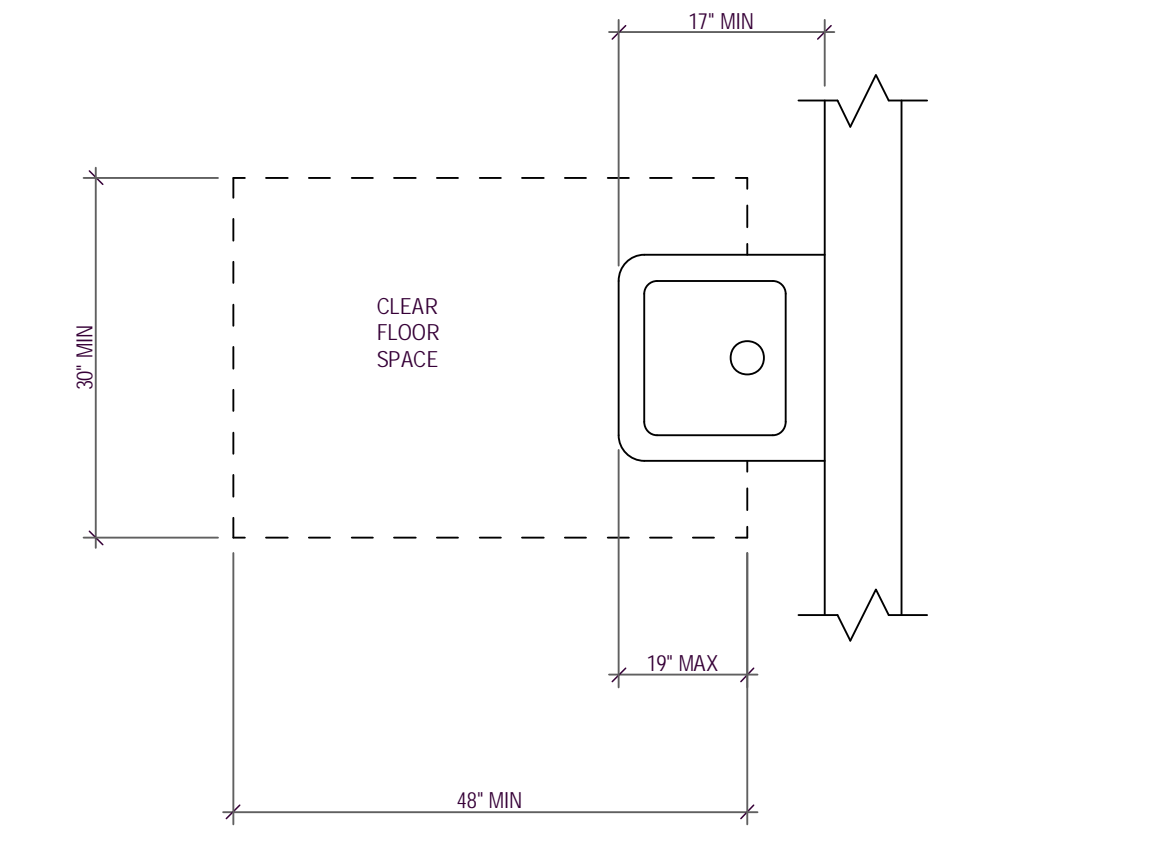
2 TOILET STALLS
 AD-001 SCALE: 1/2" = 1'-0"



3 CLEARANCE AT DOORS
 AD-001 SCALE: 1/2" = 1'-0"

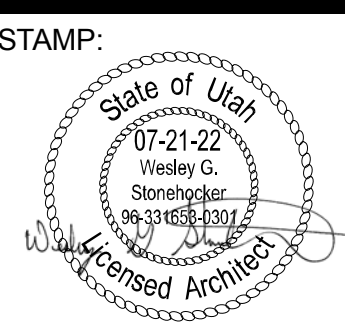


4 GRAB BARS AT WATER CLOSETS
 AD-001 SCALE: 3/8" = 1'-0"



5 LAVATORY CLEARANCES
 AD-001 SCALE: 3/4" = 1'-0"

NEW SHEET



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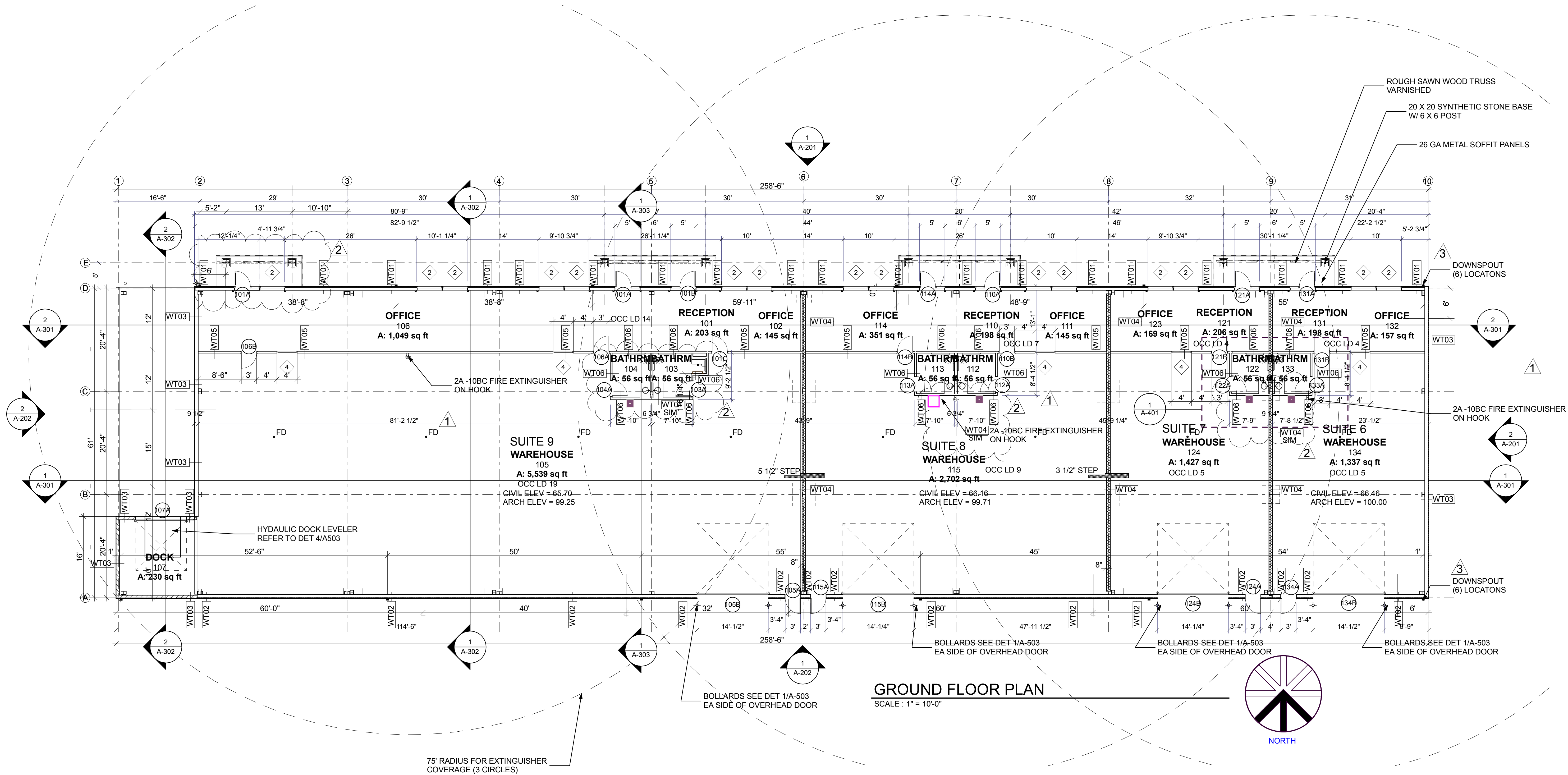
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SHEET TITLE:
ADA DETAILS

SHEET NUMBER:

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1 A-101 1st FLOOR
SCALE: 1" = 10'

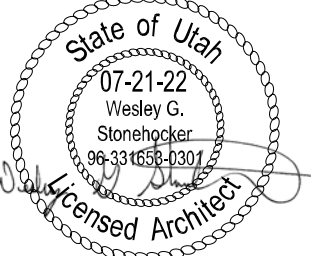
GROUND FLOOR PLAN
SCALE: 1" = 10'-0"

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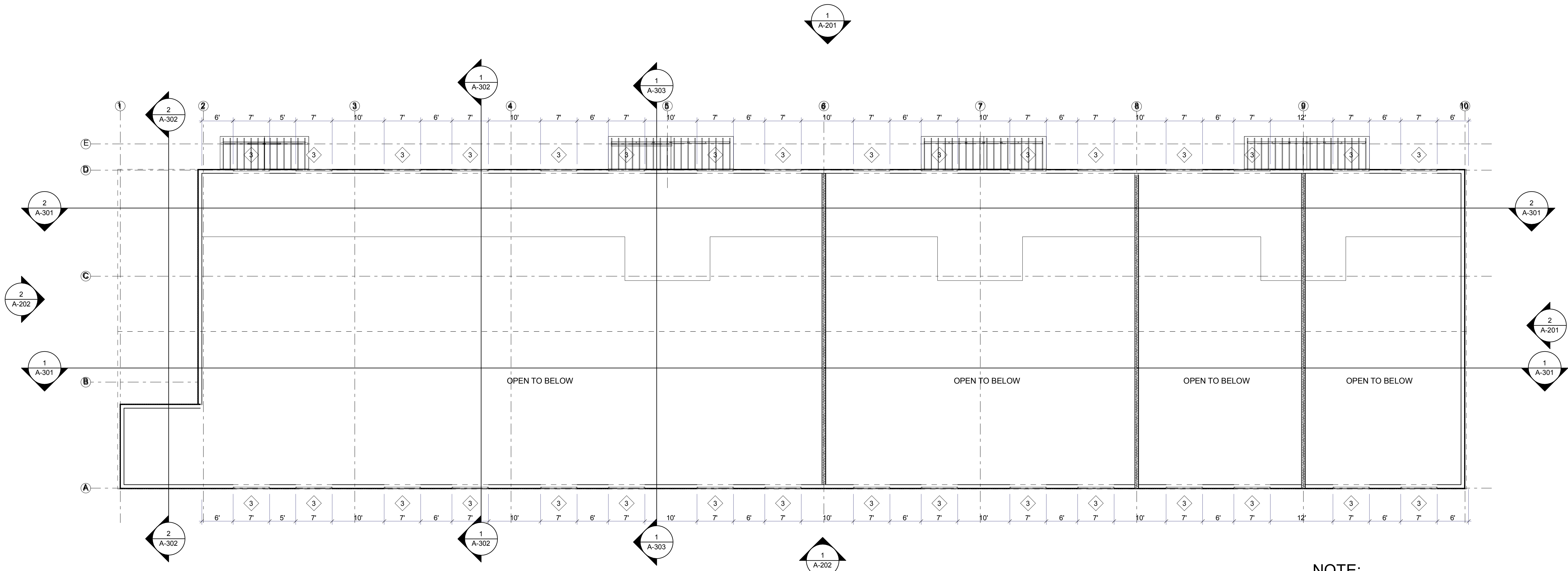
SHEET TITLE:
1st FLOOR
PLAN

SHEET NUMBER:

A-101

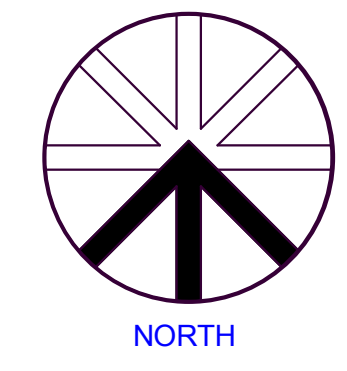
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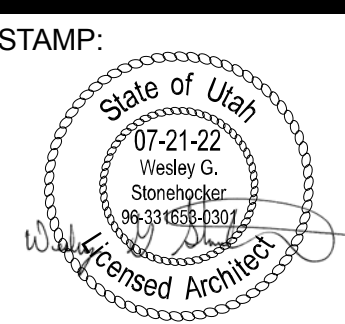


NOTE:
 FRAMING SHOWN ON SHEET
 S-102 IS FOR LAY IN CEILING
 SUSPENSION ONLY

UPPER LEVEL PLAN
 SCALE : 1" = 10'-0"



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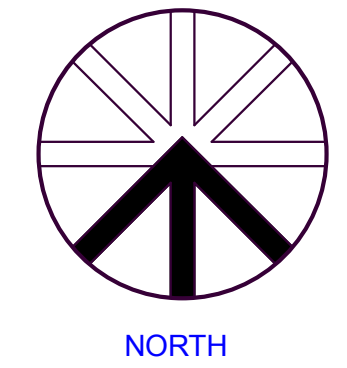
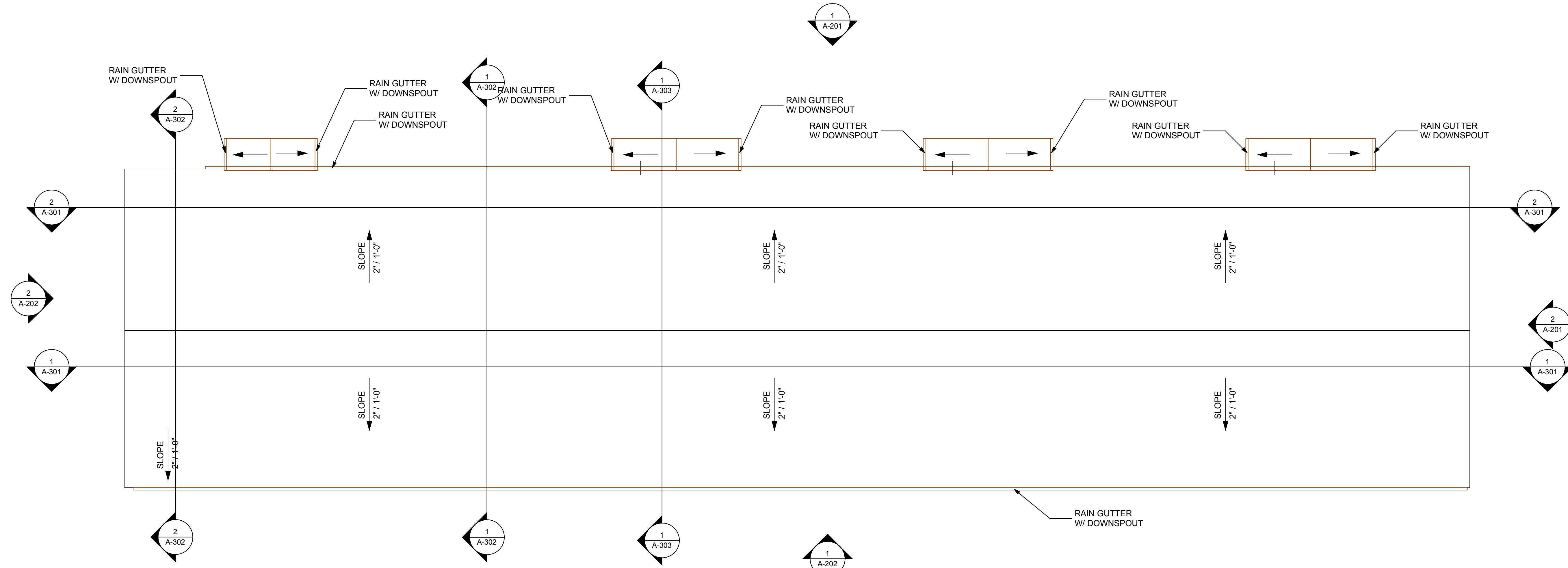
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SHEET TITLE:
**SECOND
 FLOOR PLAN**

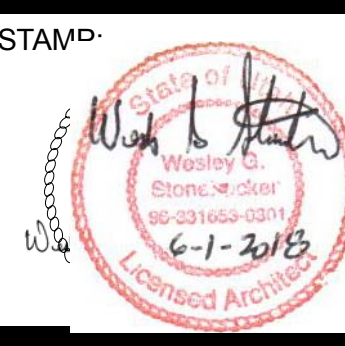
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1
A-103
Roof
SCALE: 3/32" = 1'-0"



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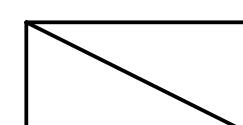
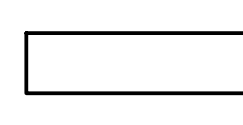
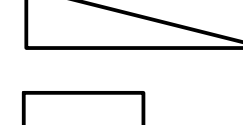



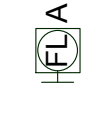
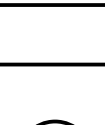

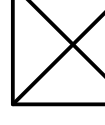
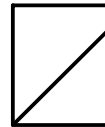

SHEET TITLE:
 ROOF PLAN

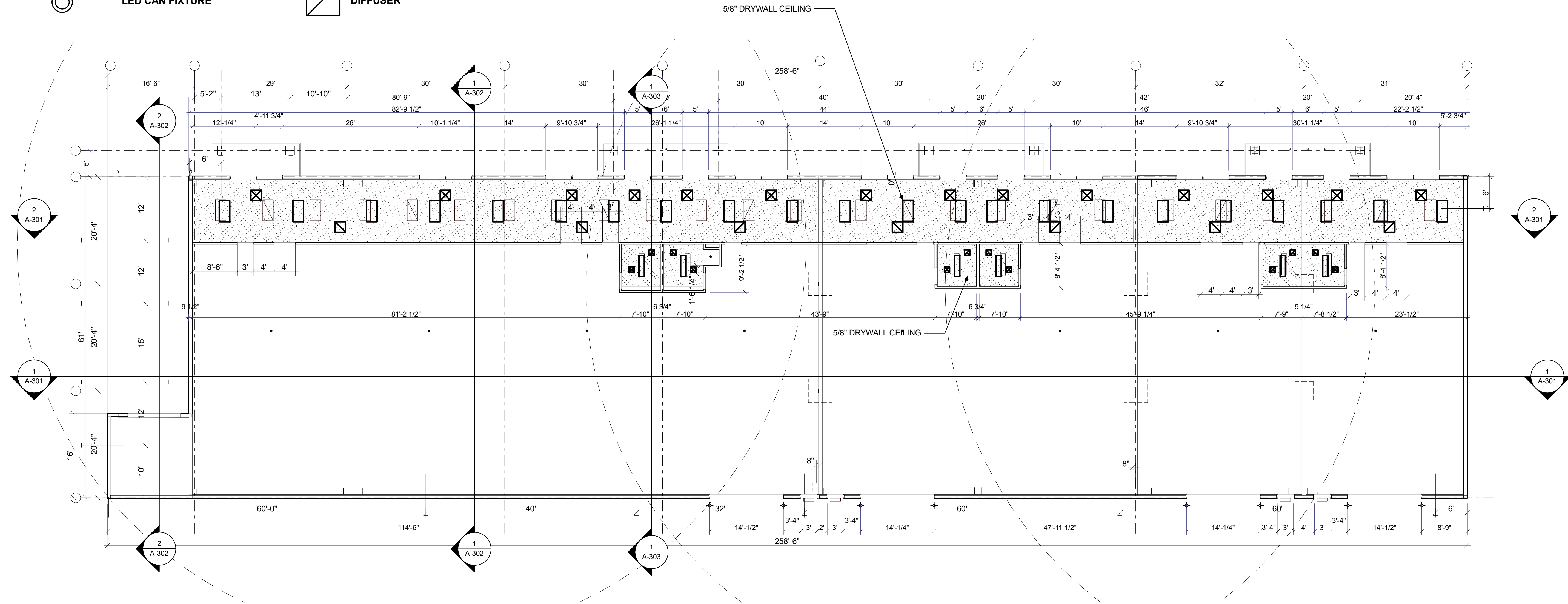
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A-103

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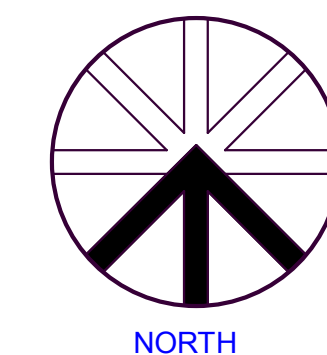
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NOTE:

-  2 X 4 LAY IN LED FIXTURE
-  2 X 4 LAY IN LED FIXTURE W/
EMERGENCY BATTERY BACKUP
-  1 X 4 SURFACE MOUNTED
LED FIXTURE
-  1 X 4 SURFACE MOUNTED LED
FIXTURE W/ EMERGENCY BATTERY
-  LED CAN LIGHT MOUNTED
IN DRYWALL CEILING
-  LED CAN FIXTURE W/
EMERGENCY BATTERY BACKUP
-  LED CAN FIXTURE
-  LIGHT FIXTURE OVER MIRROR
IN RESTROOMS
-  SUSPENDED MOUNTED LED
FIXTURE
-  PENDENT MOUNTED LED
FIXTURE
-  CEILING SUPPLY CEILING
DIFFUSER
-  CEILING RETURN CEILING
DIFFUSER
-  CEILING EXHAUST CEILING
DIFFUSER



1
A-104 1st FLOOR REFLECTED CEILING PLAN
SCALE: 1" = 10'

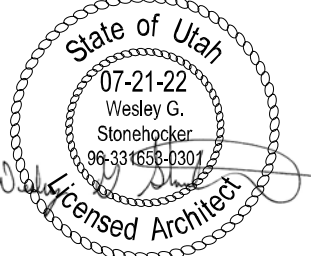


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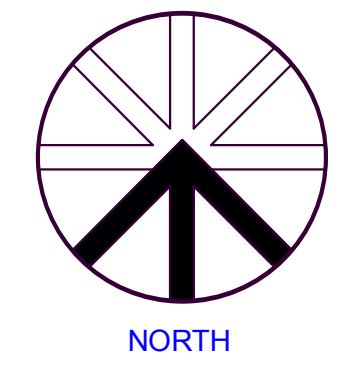
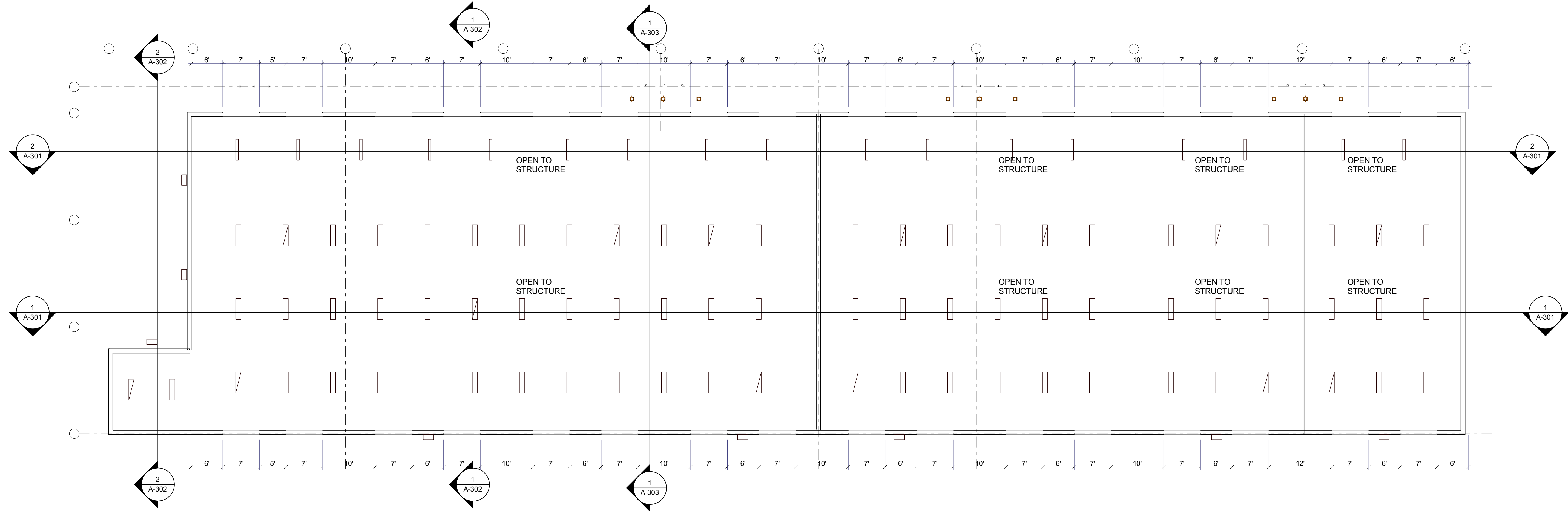
SHEET TITLE:
1st Floor
Reflected
Ceiling Plan

SHEET NUMBER:
A-104

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1
A-105 2nd FLOOR REFLECTED CEILING PLAN
SCALE: 1" = 10'

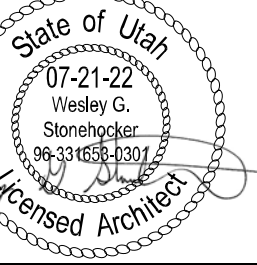


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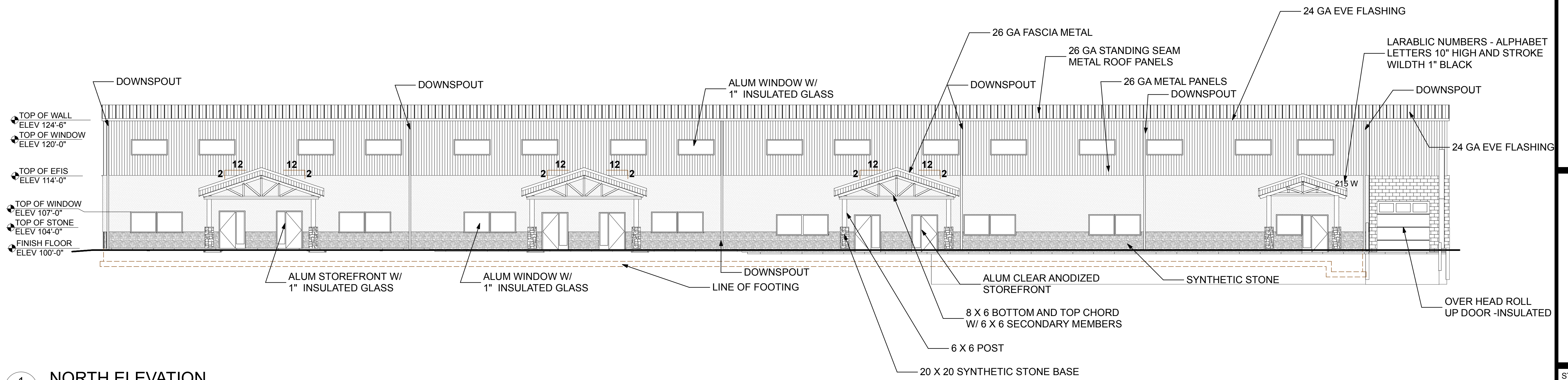
SHEET TITLE:
2nd Floor
Reflected
Ceiling Plan

SHEET NUMBER:

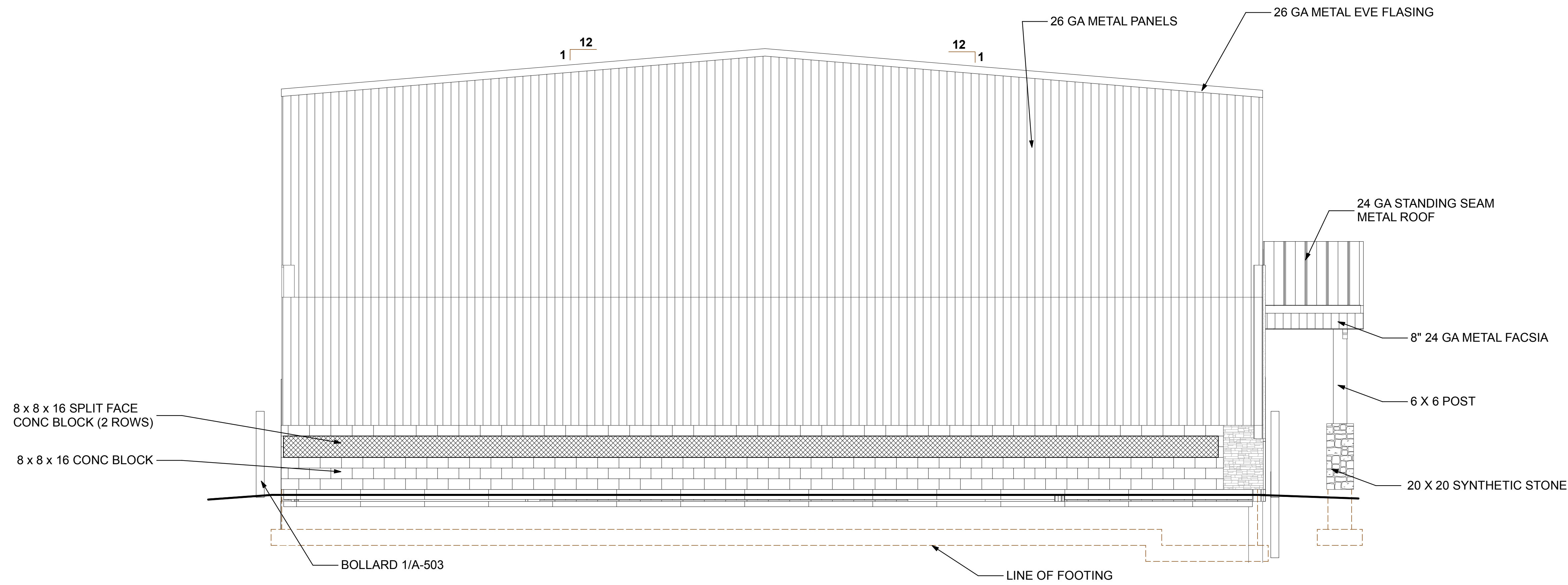
A-105

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1 NORTH ELEVATION
A-201 SCALE: 1" = 10'



2 EAST ELEVATION
A-201 SCALE: 1/4" = 1'-0"

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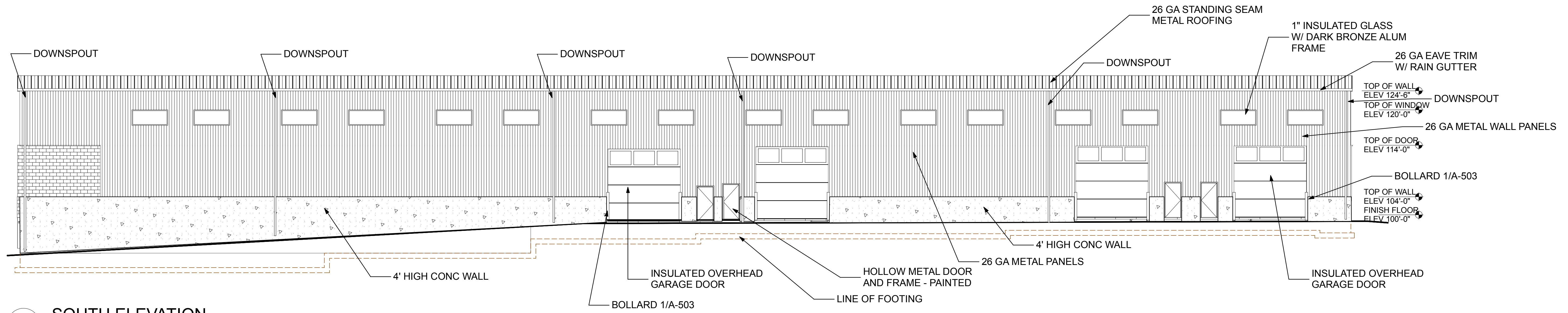
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SHEET TITLE:
ELEVATIONS

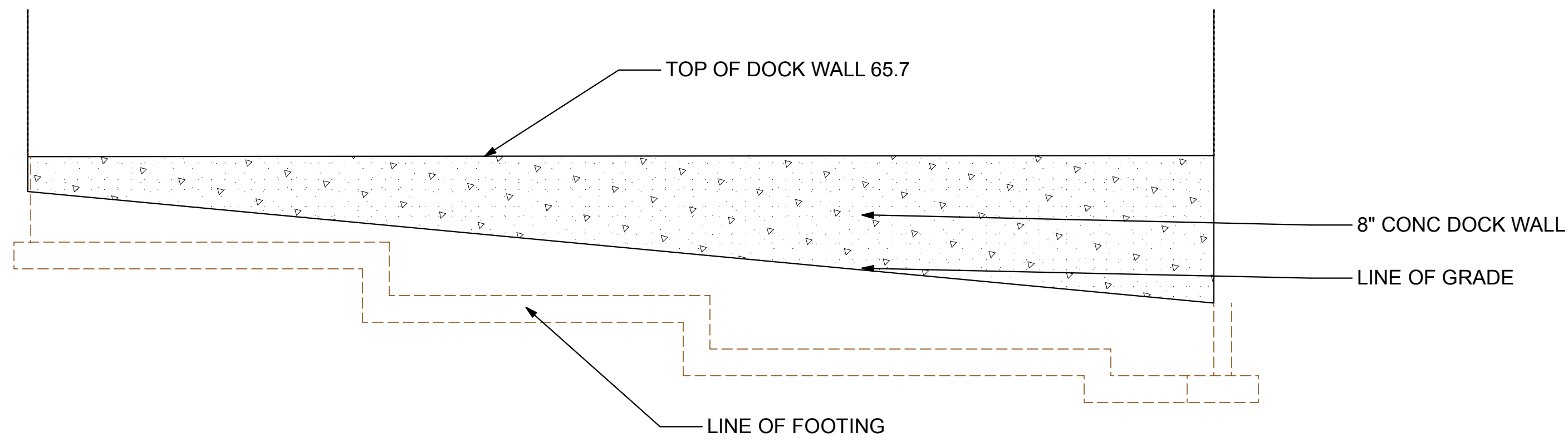
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A-201

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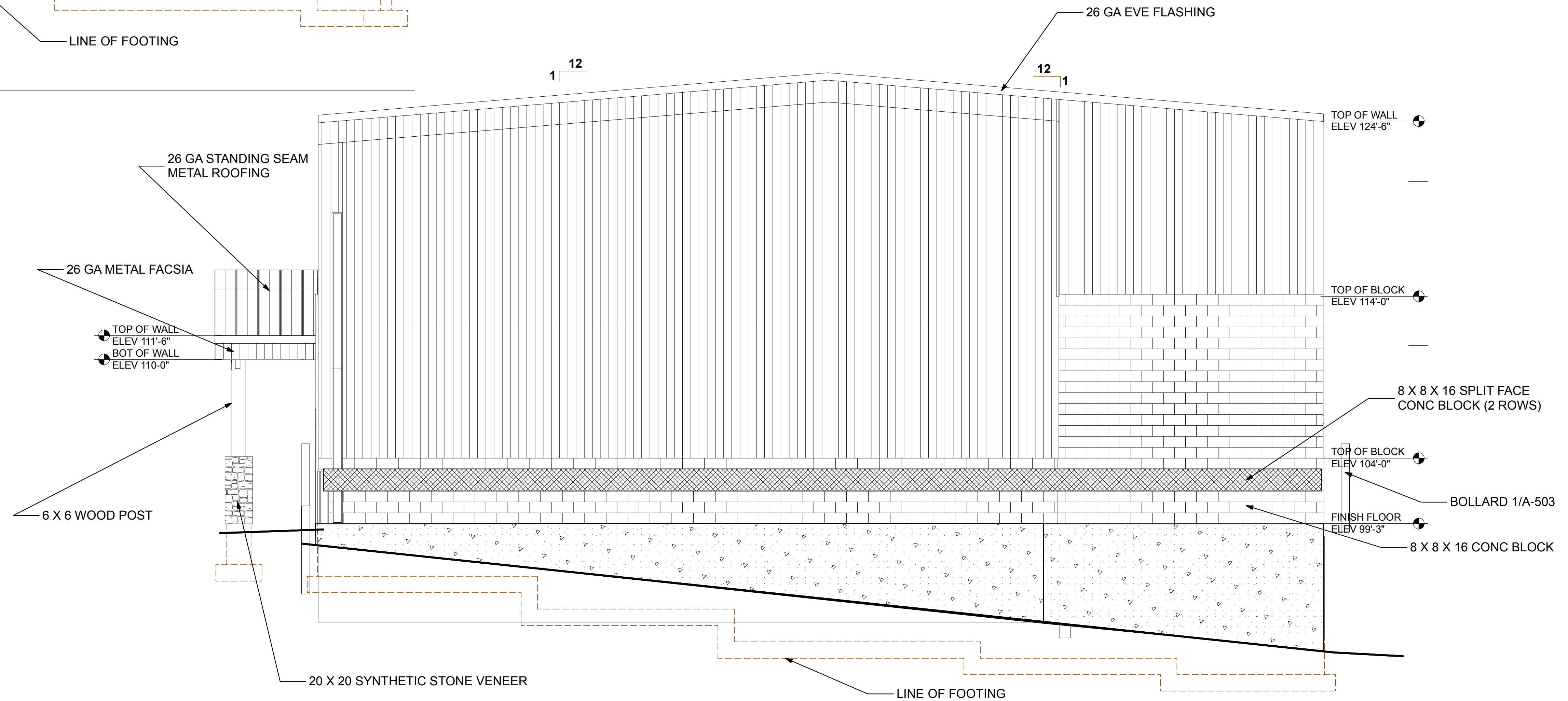
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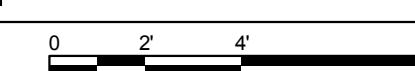
1 SOUTH ELEVATION
SCALE: 1" = 10'



2 DOCK WALL ELEVATION
SCALE: 1/4" = 1'-0"



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



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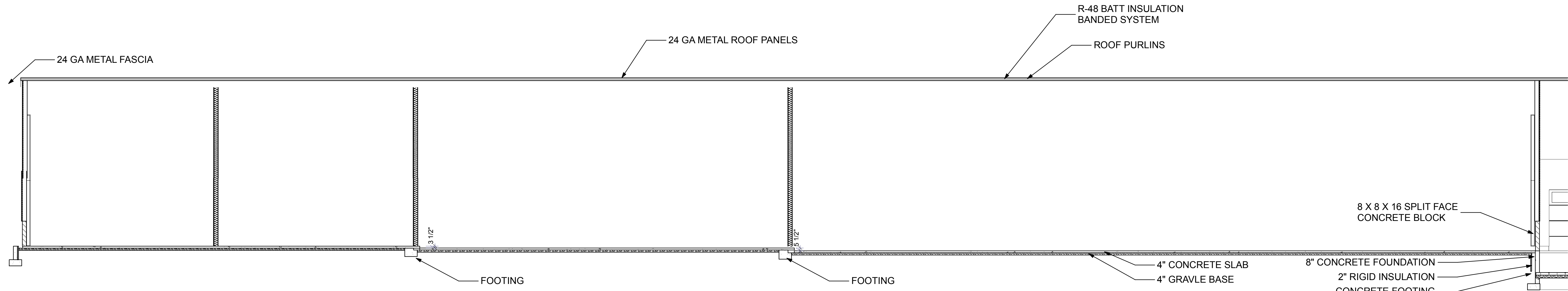
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ELEVATIONS

SHEET NUMBER:

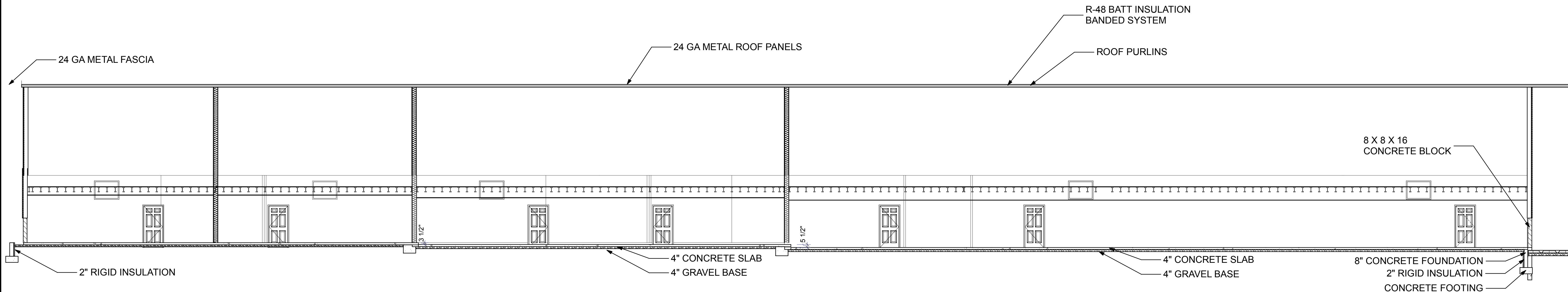
A-202

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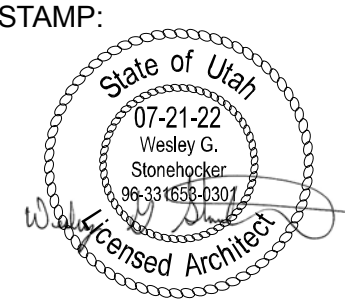


1 BUILDING SECTION
 A-301 SCALE: 1/8" = 1'-0"



2 BUILDING SECTION
 A-301 SCALE: 1/8" = 1'-0"

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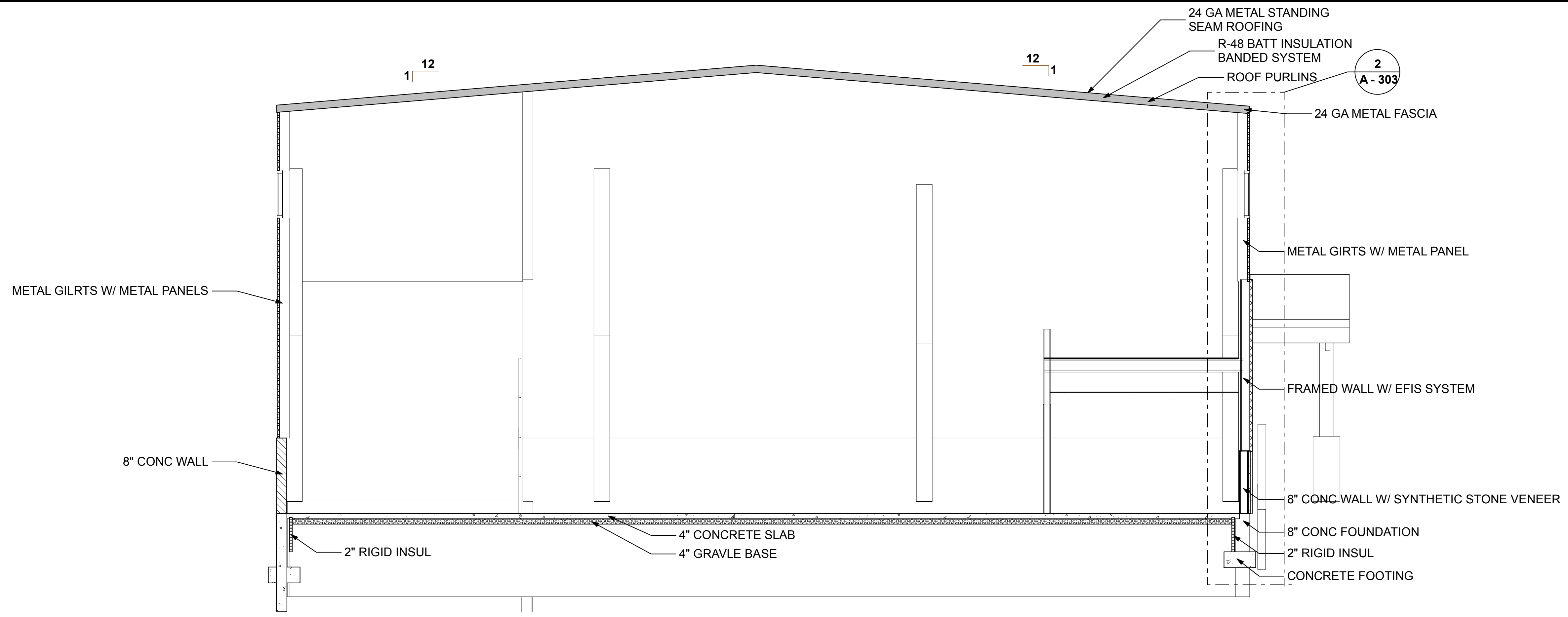
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SHEET TITLE:
**BUILDING
 SECTIONS**

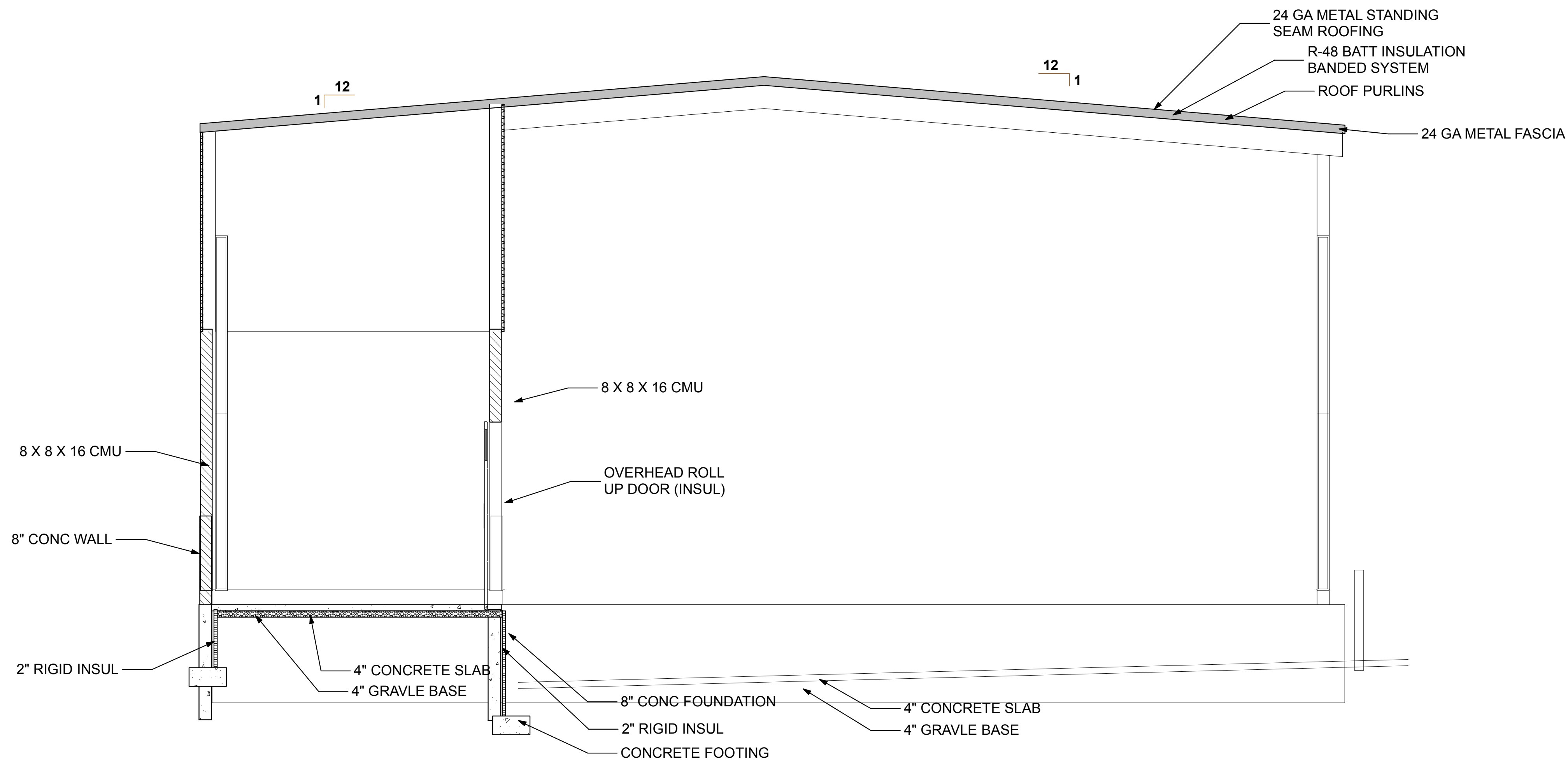
SHEET NUMBER:
A-301

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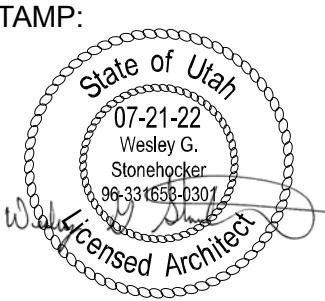
1
A-302
BUILDING SECTION
SCALE: 1/4" = 1'-0"



2
A-302
BUILDING SECTION (1)
SCALE: 1/4" = 1'-0"

RIDGELINE DESIGN ARCHITECTS

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**OFFICE / WAREHOUSE
NEW BUILDING**
215 WEST 2675 NORTH
LAYTON, UTAH

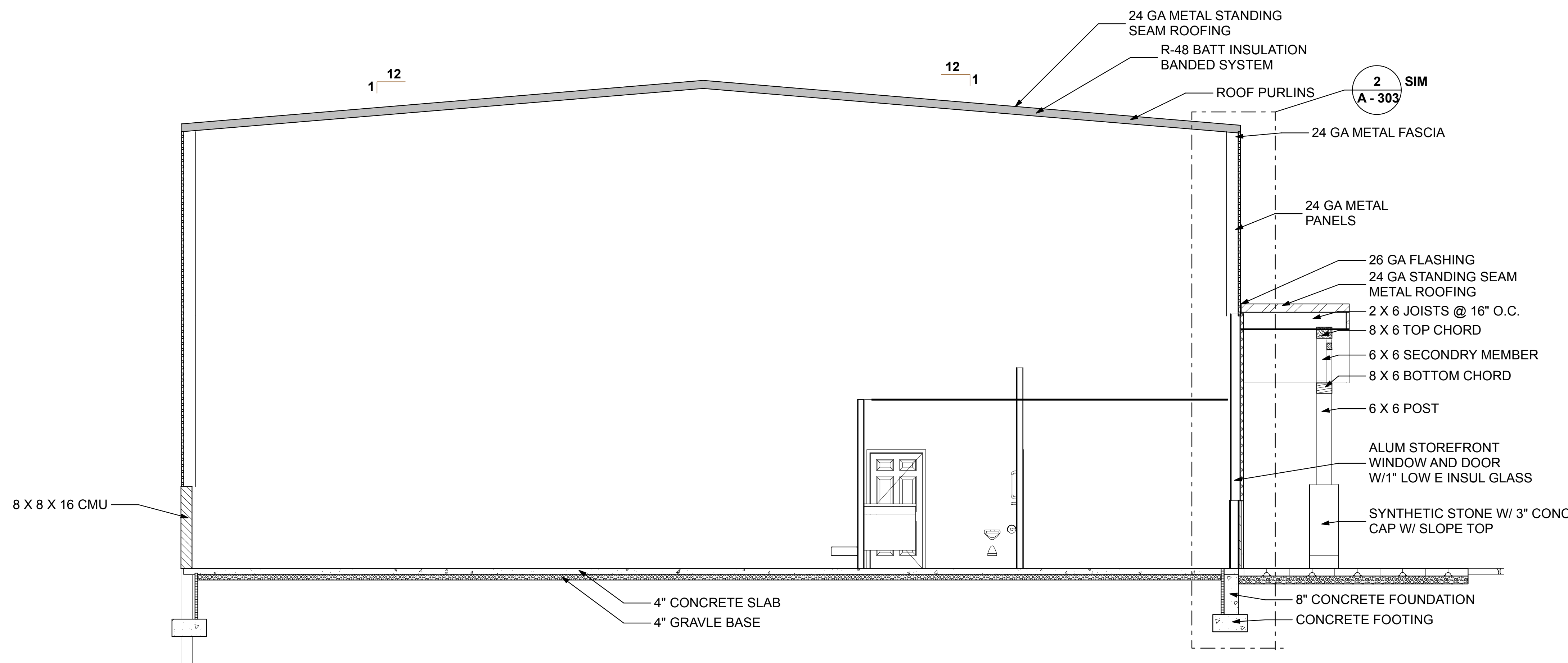
PROJECT NO:
2130

SHEET TITLE:
**BUILDING
SECTIONS**

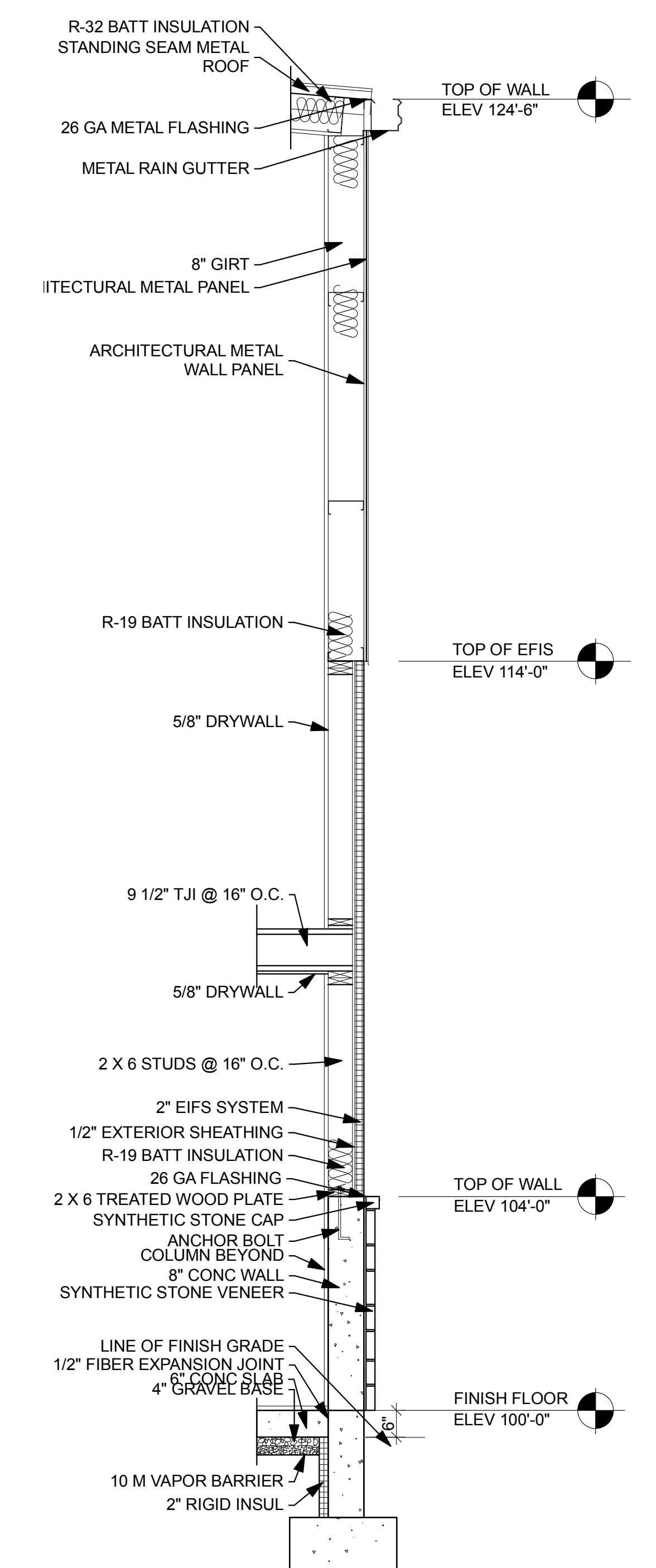
SHEET NUMBER:
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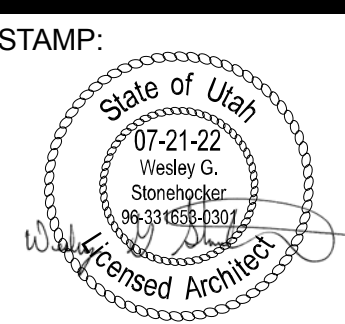


1
A-303 BUILDING SECTION
SCALE: 1/4" = 1'-0"



2
A-303 WALL SECTION
SCALE: 1/2" = 1'-0"

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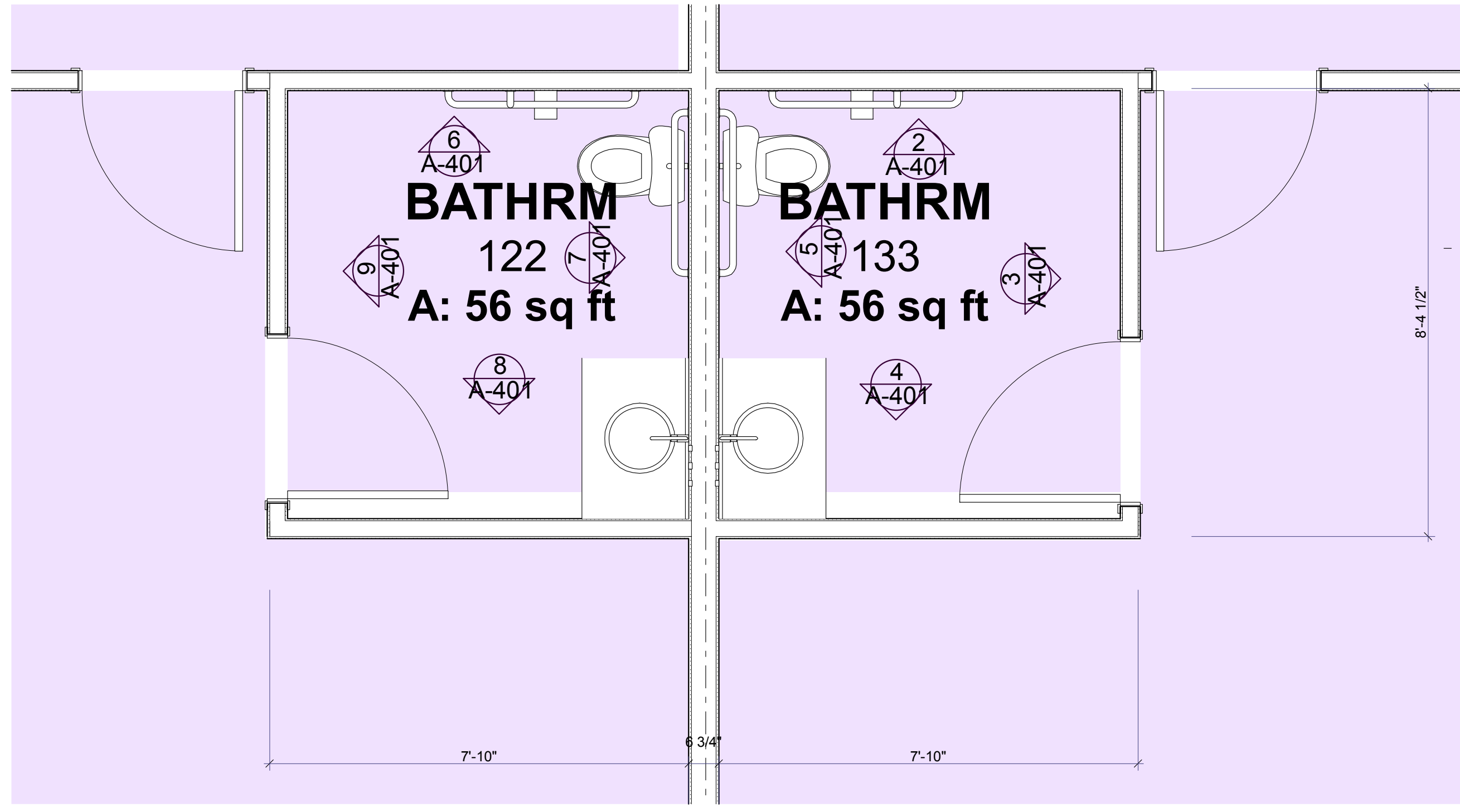
**OFFICE / WAREHOUSE
NEW BUILDING**
215 WEST 2675 NORTH
LAYTON, UTAH

PROJECT NO:
2130

SHEET TITLE:
**BUILDING
SECTIONS**

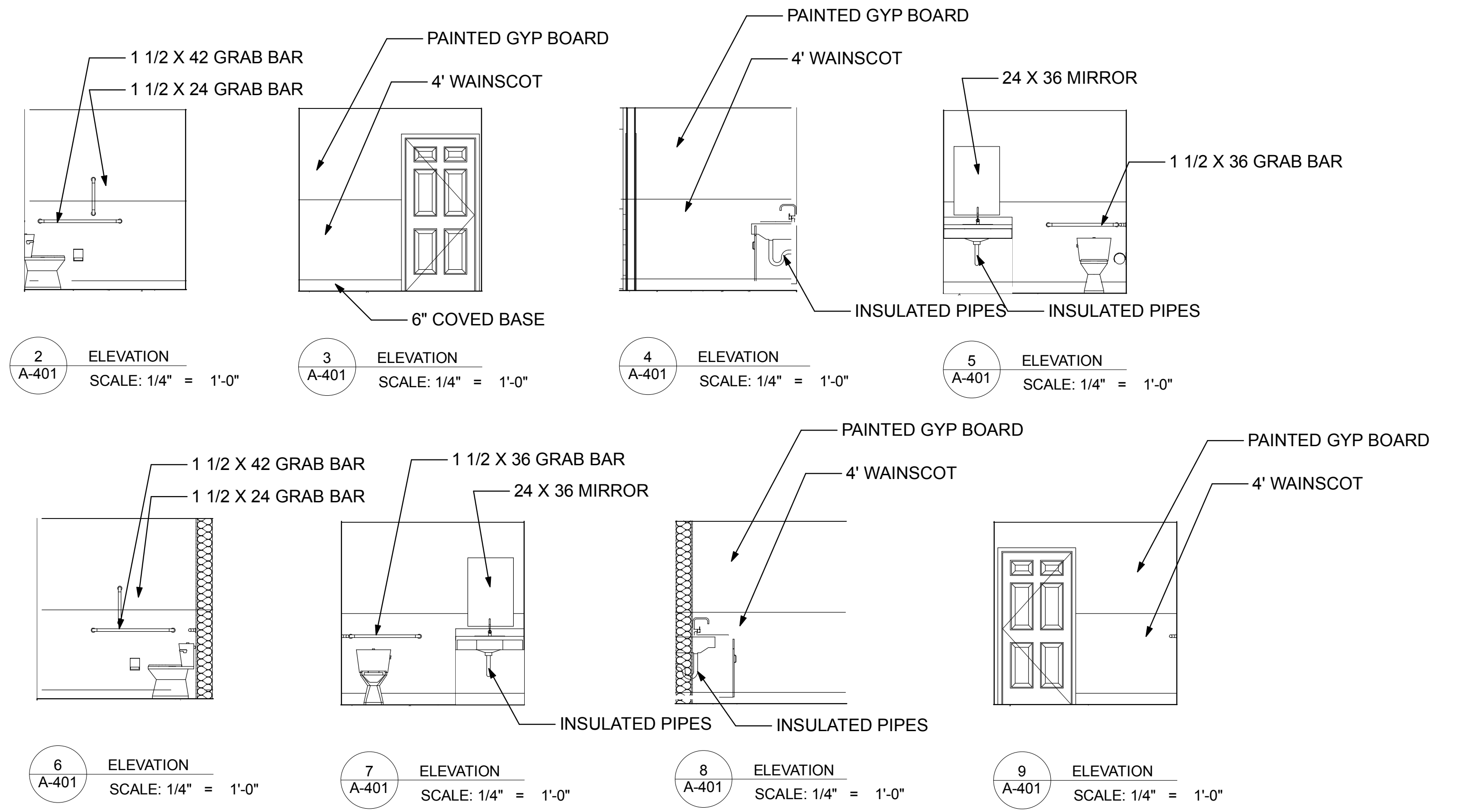
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A-303

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1 ENLARGED FLOOR PLAN
A-401 SCALE: 1/2" = 1'-0"

NOTE:
REFER TO SHEET AD-001
FOR MOUNTING OF ADA
ACCESSORIES



2 ELEVATION
A-401 SCALE: 1/4" = 1'-0"

3 ELEVATION
A-401 SCALE: 1/4" = 1'-0"

4 ELEVATION
A-401 SCALE: 1/4" = 1'-0"

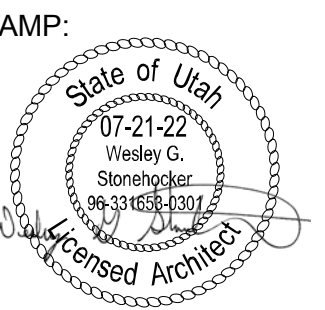
5 ELEVATION
A-401 SCALE: 1/4" = 1'-0"

6 ELEVATION
A-401 SCALE: 1/4" = 1'-0"

7 ELEVATION
A-401 SCALE: 1/4" = 1'-0"

8 ELEVATION
A-401 SCALE: 1/4" = 1'-0"

9 ELEVATION
A-401 SCALE: 1/4" = 1'-0"



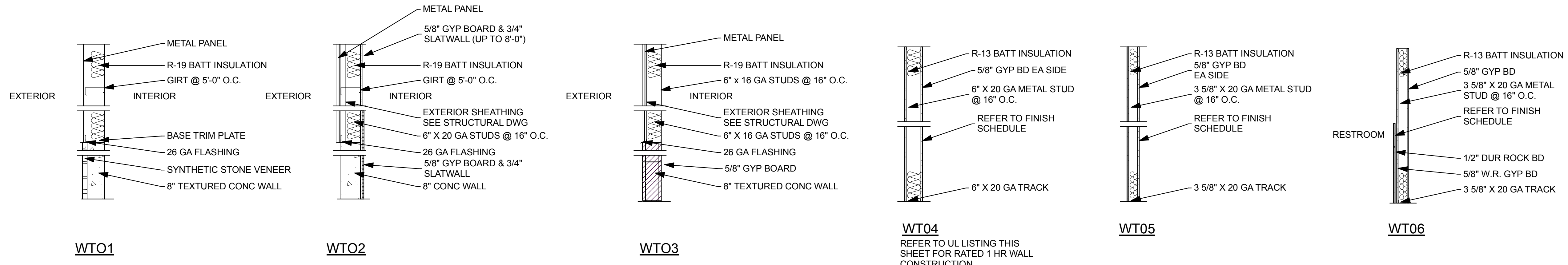
DATE: 6-17-2021
REVISION:

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NEW BUILDING
215 WEST 2675 NORTH
LAYTON, UTAH

PROJECT NO:
2130

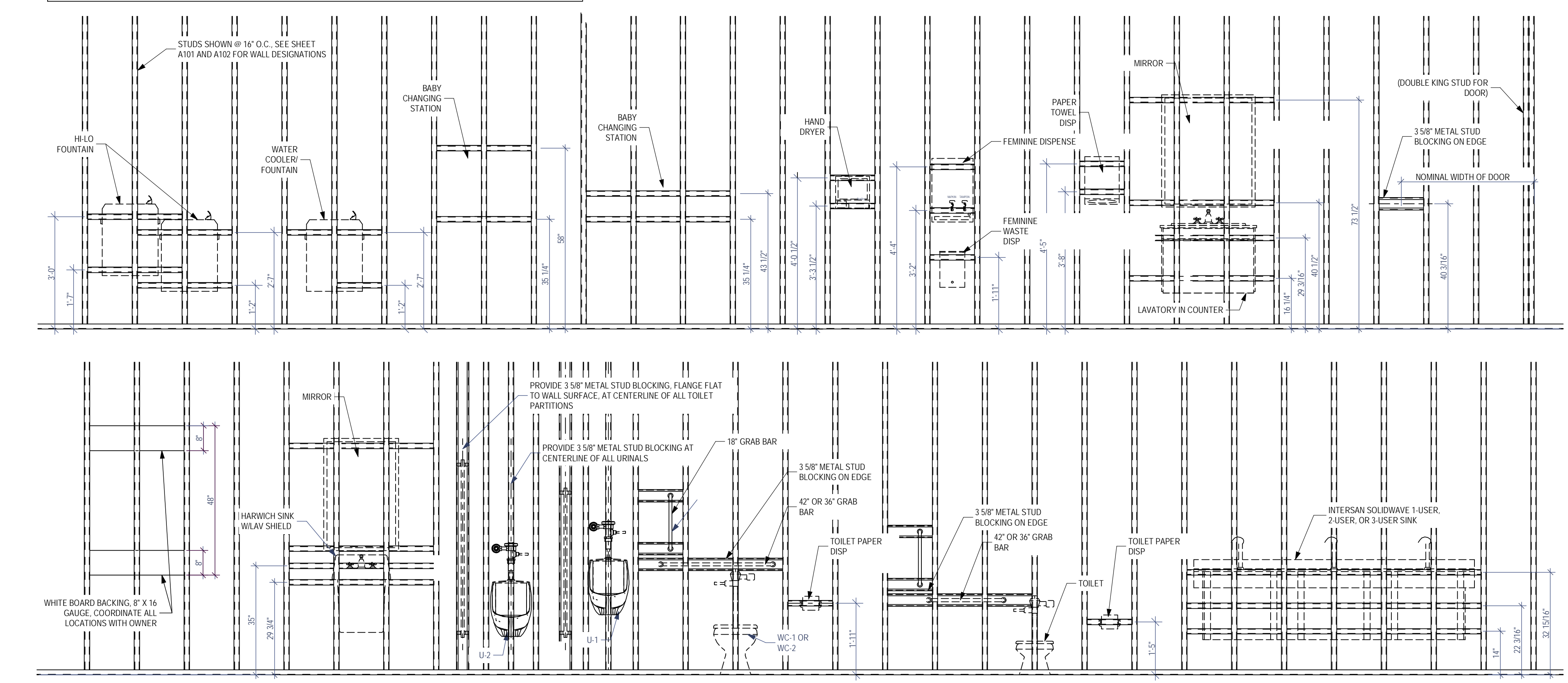
SHEET TITLE:
ENLARGE
FLOOR PLAN

SHEET NUMBER:
A-401

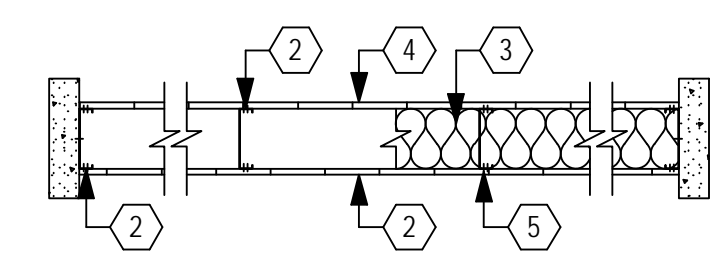


1 WALL TYPE
 SCALE: 1/2" = 1'-0"

NOTE: ALL BLOCKING DESIGNATED TO BE 3 5/8" OR 6" METAL STUD, MIN 18 GAUGE UNLESS OTHERWISE NOTED



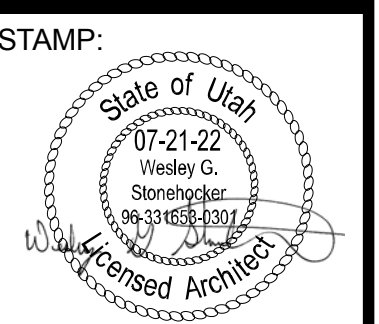
2 WALL BACKING DETAIL
 SCALE: 1/2" = 1'-0"



- ANSI/UL 263 (BXUV) DESIGN NO. U465 NONBEARING WALL RATING (1-HOUR)**
- Floor and Ceiling Runners** (not shown) - Channel shaped runners, 3-5/8 in wide (min), 1-1/4 in. legs, formed from in. No. 25 MSG (min. No. 20 MSG when item 4C is used) galv. steel, attached to floor and ceiling with fasteners spaced 24 in. O.C. max.
 - Steel Studs** Channel shaped, 3-5/8 in. wide (min.), 1-1/4 in. legs, 3/8 in. folded back returns, formed from min. No. 25 MSG (min. No. 20 MSG when item 4C is used) galv. steel spaced 24 in. O.C. max.
 - Batts and Blankets** (Optional) - Mineral wool or glass fiber batts partially or completely filling stud cavity.
 - Fiber, Sprayed*** As an alternate to Batts and Blankets (Item 3) - Spray applied cellulose insulation material. The fiber is applied with water to completely fill the enclosed cavity in accordance with the application instructions supplied with the product. Nominal dry density of 3.0 lb./ft³.
 - Fiber, Sprayed*** As an alternate to Batts and Blankets (Item 3) - Spray applied cellulose insulation material. The fiber is applied with water to completely fill the enclosed cavity in accordance with the application instructions supplied with the product. Applied to completely fill the enclosed cavity. Minimum dry density of 4.2 pounds per cubic ft.
 - Gypsum Board*** 5/8 in. thick, 4 ft. wide, attached to steel studs and floor and ceiling rack with 1 in. long, Type S steel screws spaced 8 in. O.C. along edges of board and 12 in. O.C. in the field of the board. Joints oriented vertically and staggered on opposite sides of the assembly. When attached to item 6 (resilient channels) or 6A (furring channels), wallboard is screw attached to furring channels with 1 in. long, Type S steel screws spaced 12 in. O.C.
 - Gypsum Board*** (As alternate to item 4) - Nominal 5/8 in. thick gypsum panels with beveled, square or tapered edges, applied vertically or horizontally. Vertical joints centered over studs and staggered one stud cavity on opposite sides of studs. Horizontal edge joints and horizontal butt joints on opposite sides of studs need not be staggered or backed. Panels attached to steel studs and floor runner with 1 in. long Type S steel screws spaced 8 in. O.C. when applied horizontally, or 8 in. O.C. along vertical and bottom edges and 12 in. O.C. in the field when panels are applied vertically.
 - Gypsum Board*** (As an alternate to items 4 or 4A) - Nominal 3/4 in. thick, 4 ft wide, installed as described in item 4A with screw length increased to 1-1/4 in.
 - Gypsum Board*** (As an alternate to items 4, 4A and 4B) - 5/8 in. thick gypsum panels, installed as described in item 4A with Type S-12 steel screws. The length and spacing of the screws as specified under item 4A.
 - Joint Tape and Compound Vinyl**, dry or premixed joint compound, applied in two coats to joints and screw heads; paper tape, 2 in. wide, embedded in first layer of compound over all joints. As an alternate, nominal 3/32 in. thick gypsum veneer plaster may be applied to the entire surface of classified veneer baseboard. Joints reinforced.
 - Resilient Channel** (Optional - not shown) - 25 MSG galv. steel resilient channels spaced vertically max. 24 in. O.C., flange portion attached to each intersecting stud with 1/2 in. long type S-12 panhead steel screws. Not for use with Type FRX gypsum panels.
 - Steel Framing Members (Not Shown)*** As an alternate to item 3, furring channels and resilient sound isolation clip as described below:
 - Furring Channel** Formed of No. 25 MSG galv. steel, 2-3/8 in. wide by 7/8 in. deep, spaced 24 in. O.C. perpendicular to studs. Channels secured to studs as described in Item b.
 - Steel Framing Members*** Used to attach furring channels (item a) to studs (item 1). Clips spaced 48 in. O.C. and secured to studs with 1-5/8 in. wafer or hex head Type S steel screw through the center grommet. Furring channels are friction fitted into clips.

*Bearing the UL Classification Marking

3 WALL TYPE
 SCALE: 1/2" = 1'-0"



DATE: 6-17-2021
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**OFFICE / WAREHOUSE
 NEW BUILDING**
 215 WEST 2675 NORTH
 LAYTON, UTAH

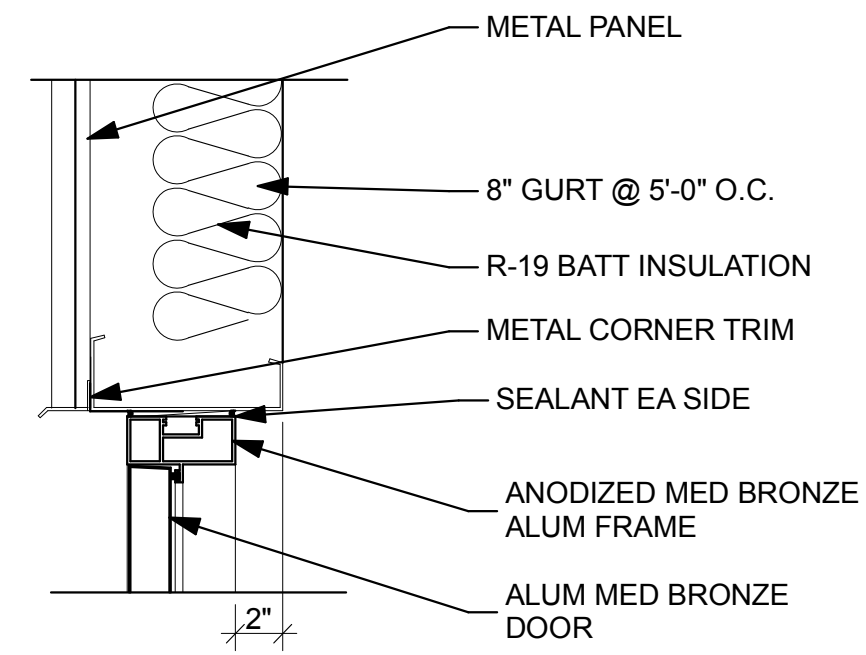
PROJECT NO:
 2130

SHEET TITLE:
DETAILS

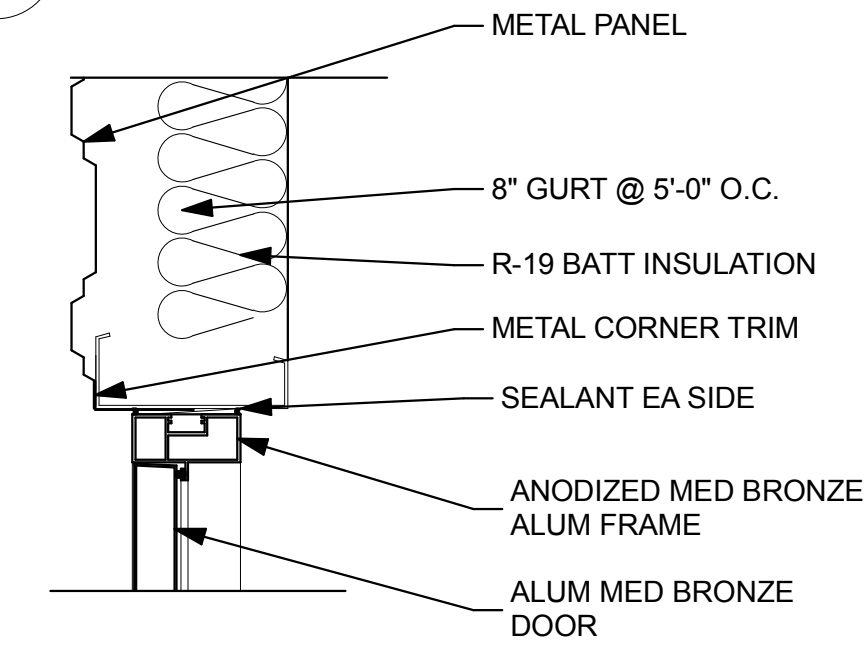
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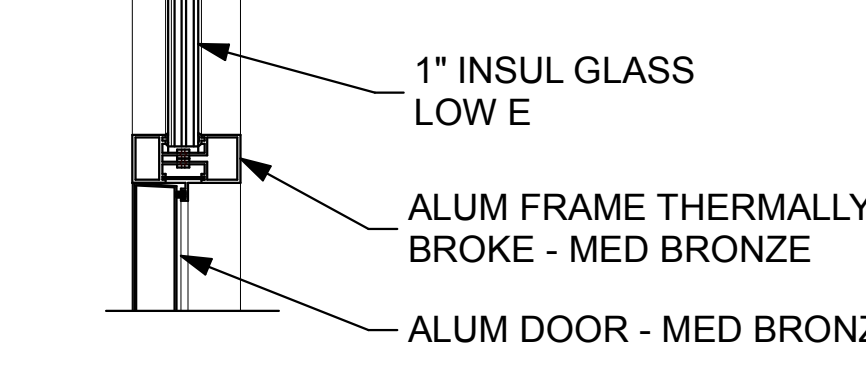
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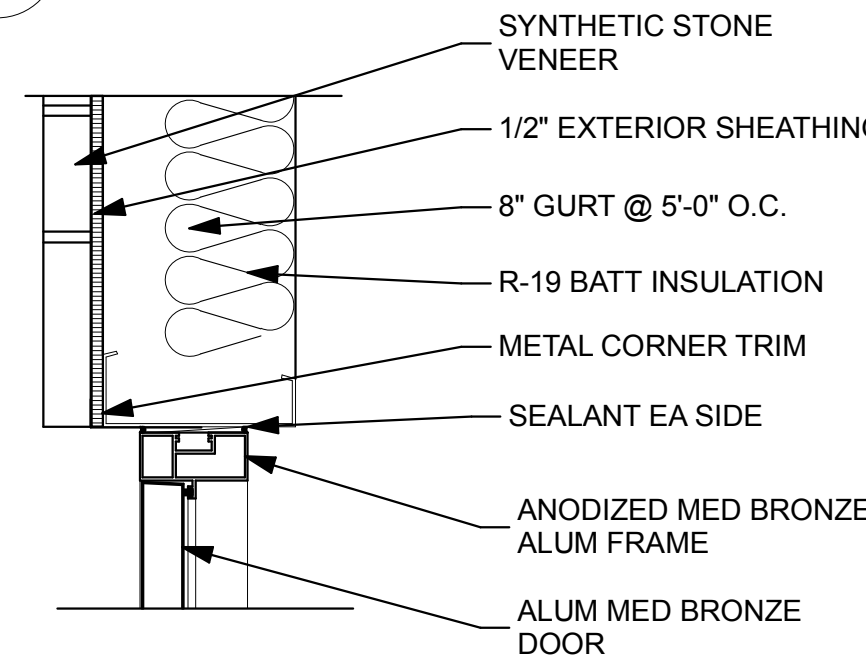
1 DOOR HEAD DETAIL
A-502 SCALE: 1 1/2" = 1'-0"



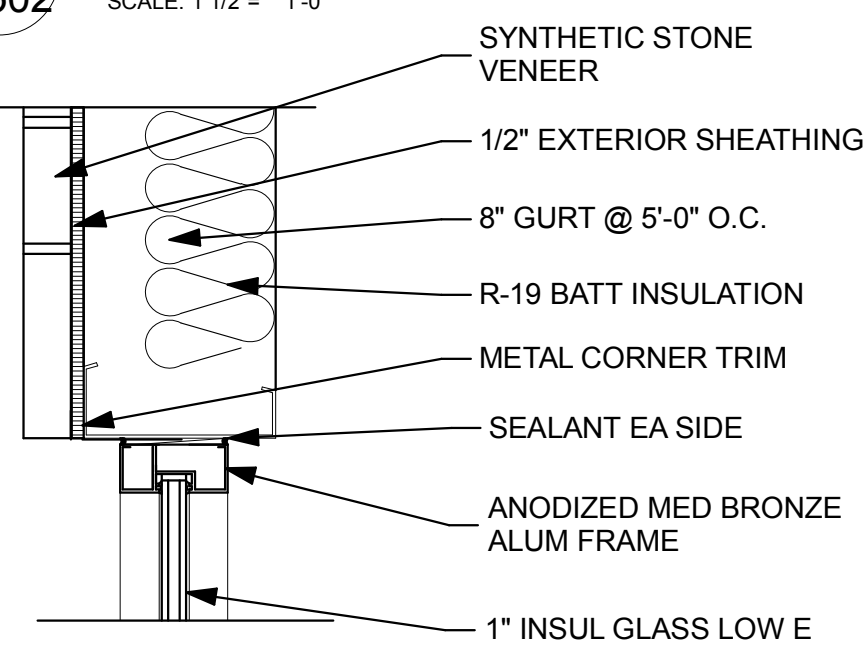
2 DOOR JAMB DETAIL
A-502 SCALE: 1 1/2" = 1'-0"



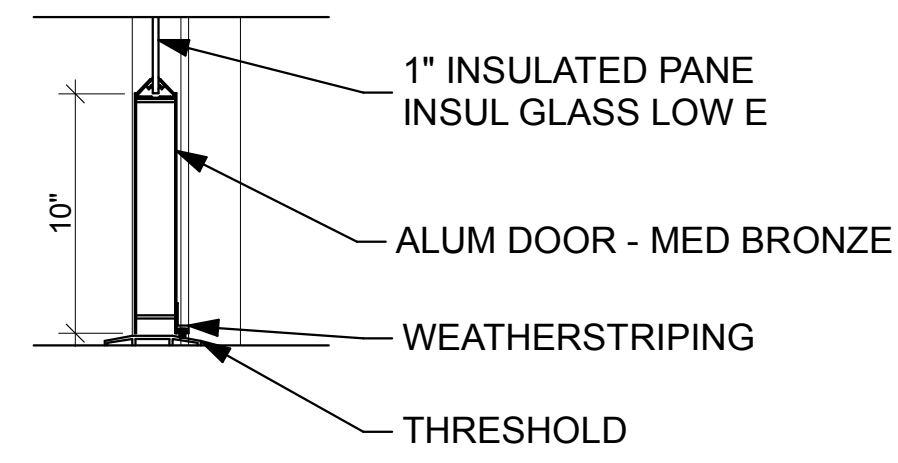
3 MULLION DETAIL
A-502 SCALE: 1 1/2" = 1'-0"



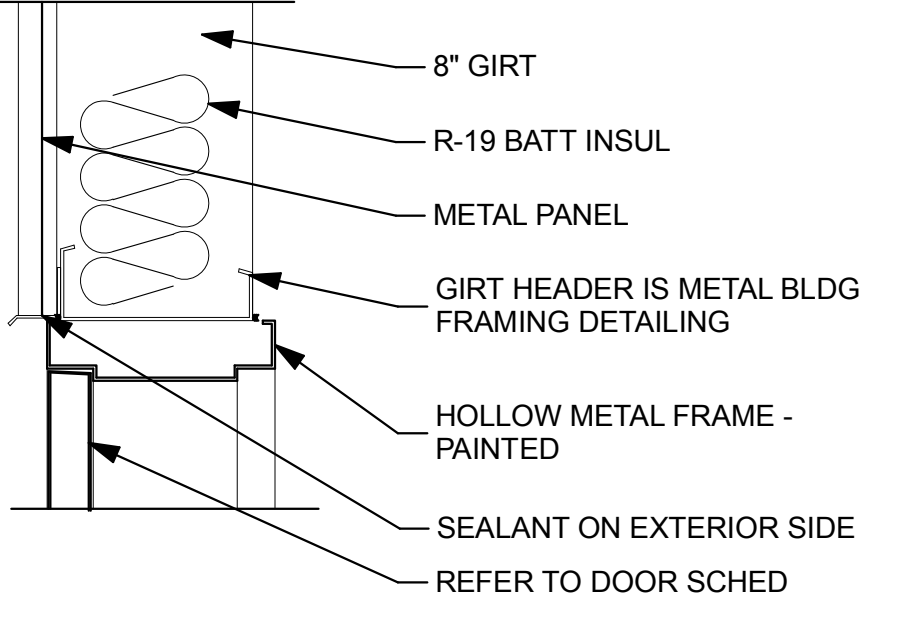
4 DOOR JAMB DETAIL
A-502 SCALE: 1 1/2" = 1'-0"



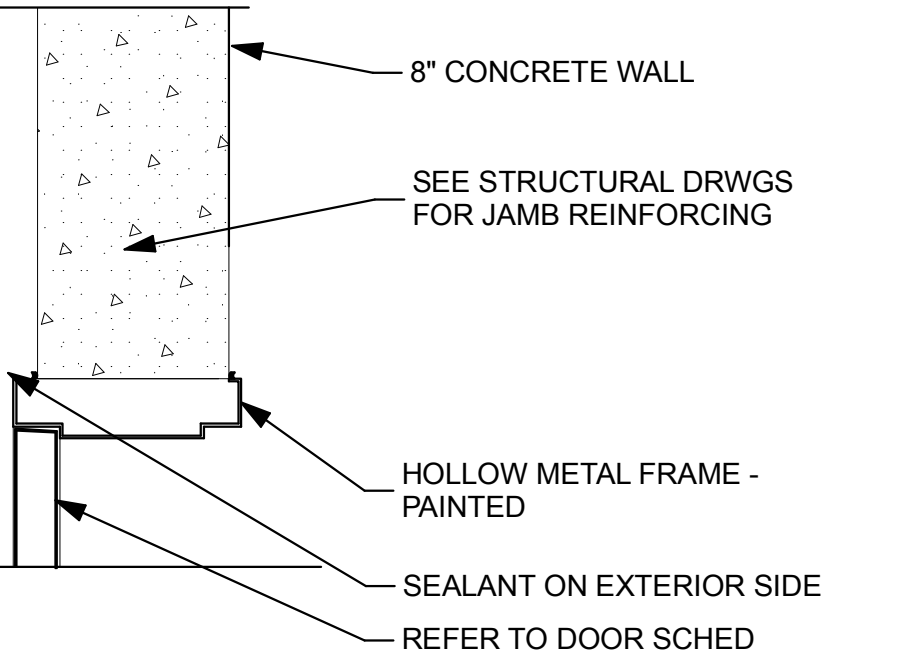
5 WINDOW JAMB DETAIL
A-502 SCALE: 1 1/2" = 1'-0"



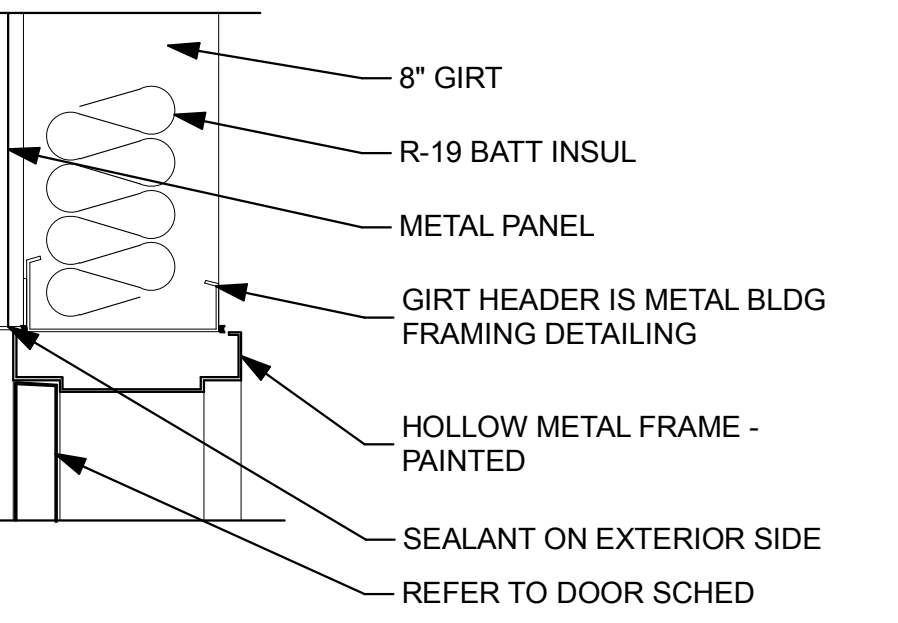
6 DOOR THRESHOLD DETAIL
A-502 SCALE: 1 1/2" = 1'-0"



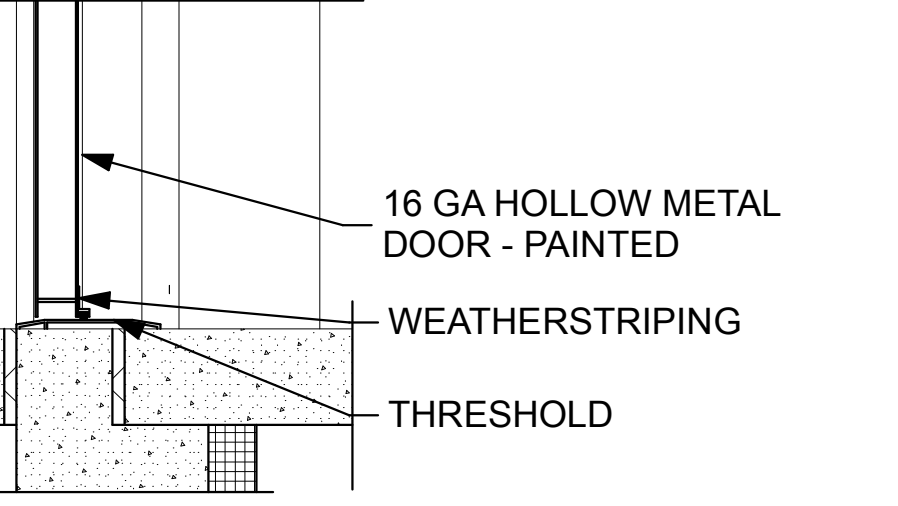
7 DOOR HEAD DETAIL
A-502 SCALE: 1 1/2" = 1'-0"



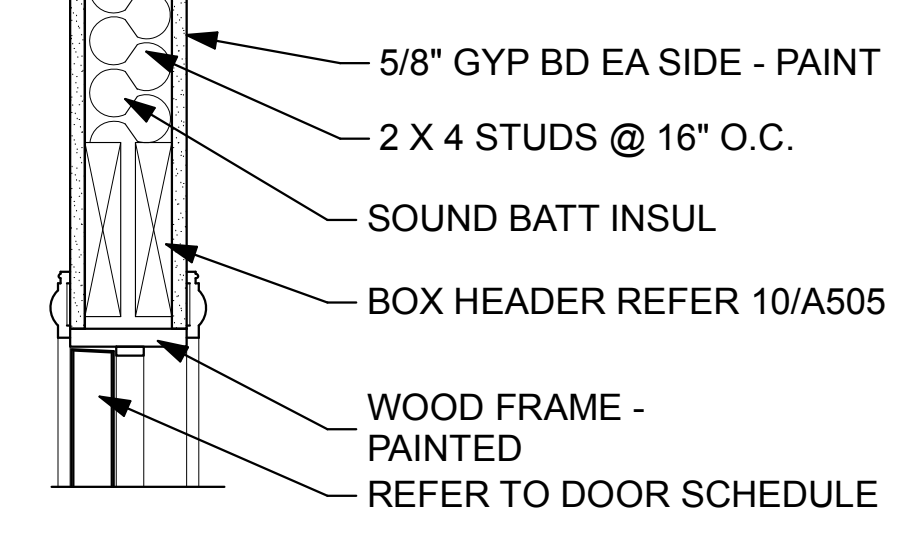
8 DOOR JAMB DETAIL
A-502 SCALE: 1 1/2" = 1'-0"



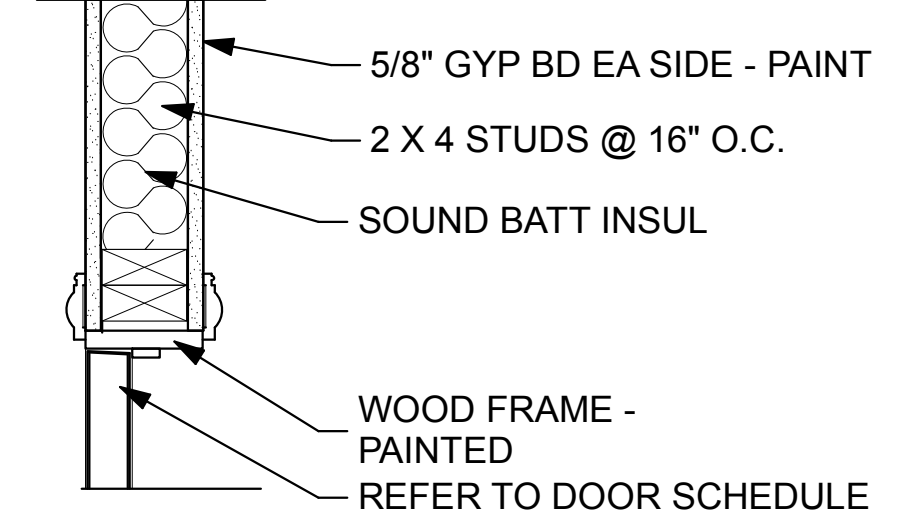
9 DOOR JAMB DETAIL
A-502 SCALE: 1 1/2" = 1'-0"



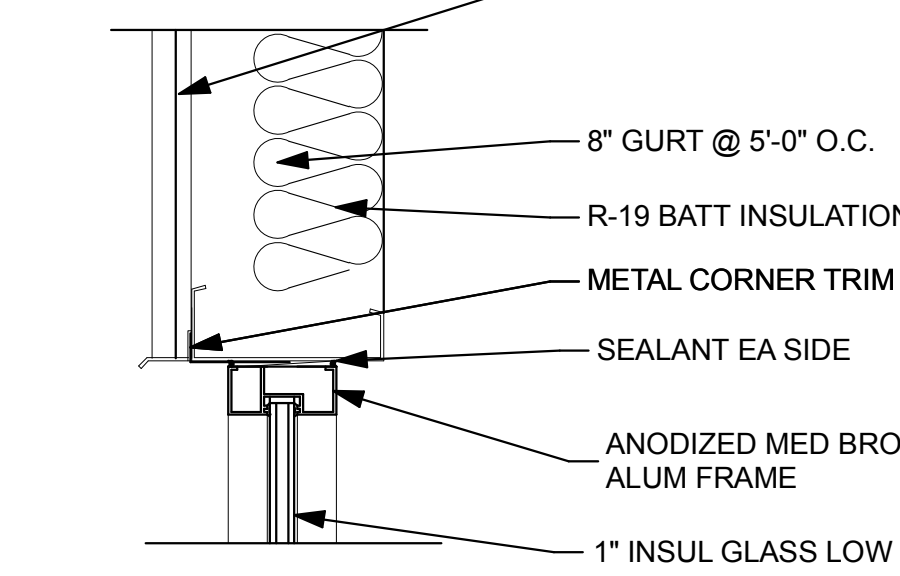
10 DOOR THRESHOLD DETAIL
A-502 SCALE: 1 1/2" = 1'-0"



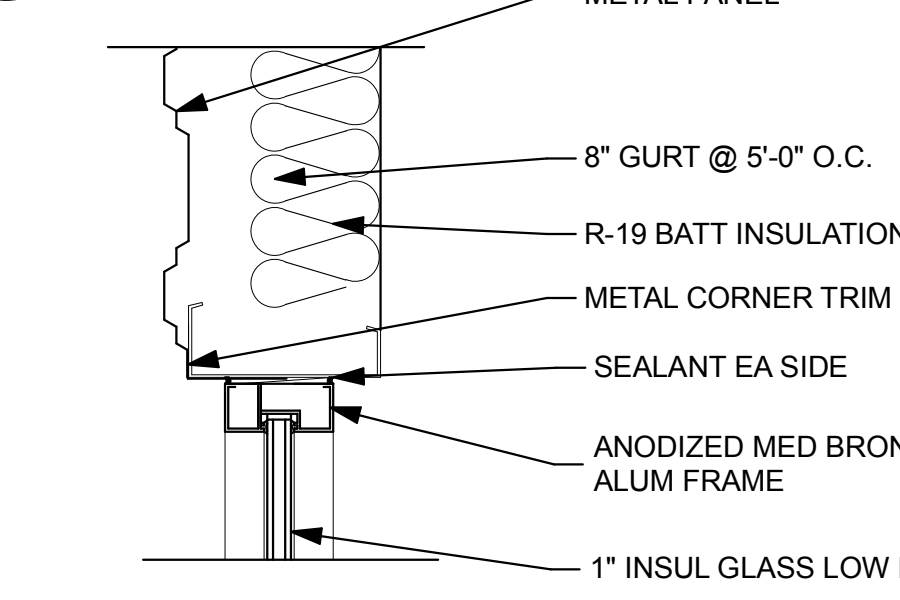
11 DOOR HEAD DETAIL
A-502 SCALE: 1 1/2" = 1'-0"



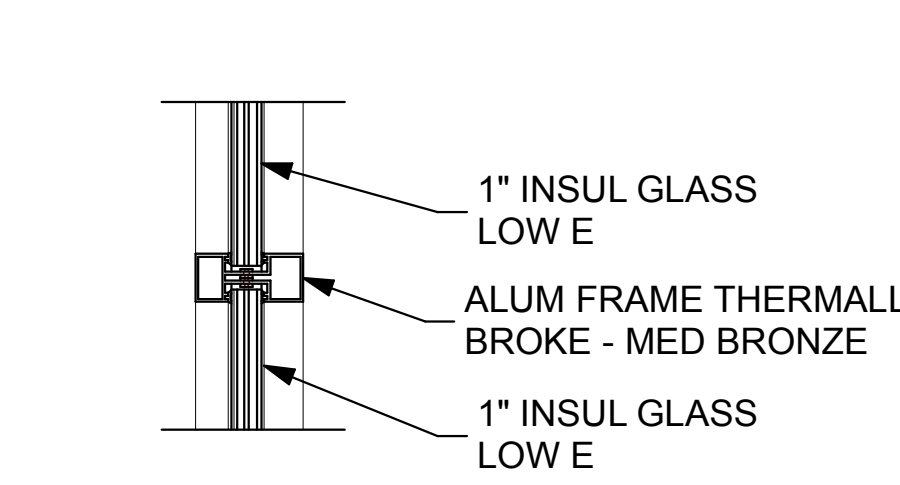
12 DOOR JAMB DETAIL
A-502 SCALE: 1 1/2" = 1'-0"



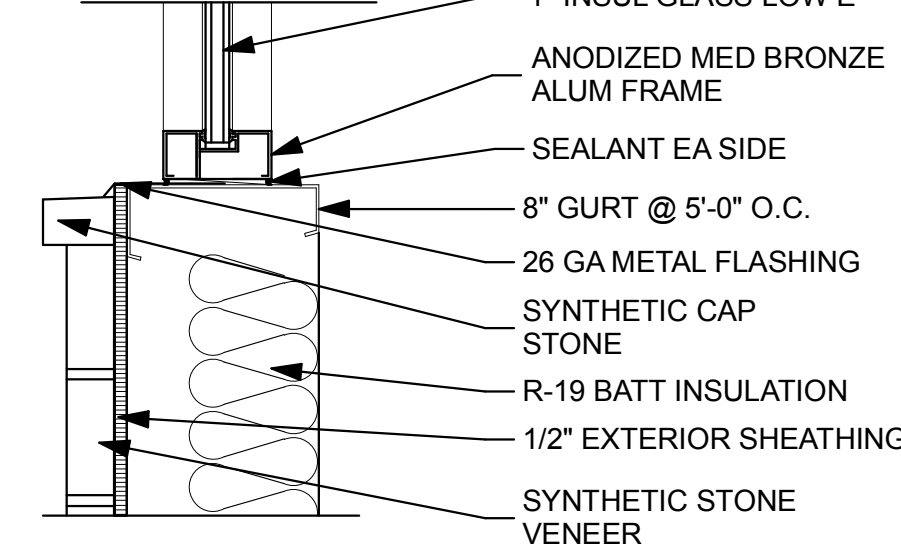
13 WINDOW HEAD DETAIL
A-502 SCALE: 1 1/2" = 1'-0"



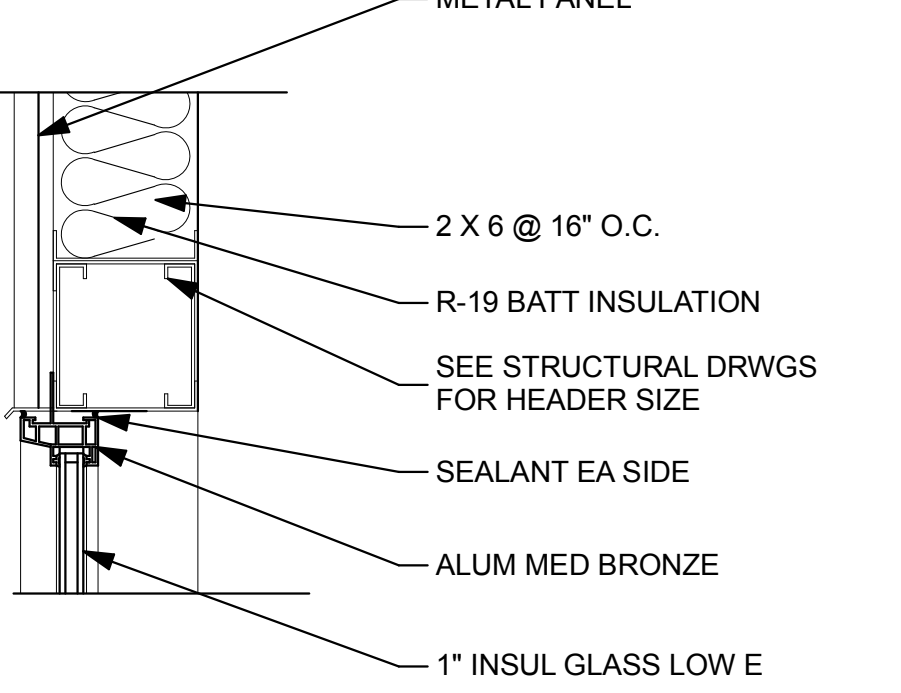
14 WINDOW JAMB DETAIL
A-502 SCALE: 1 1/2" = 1'-0"



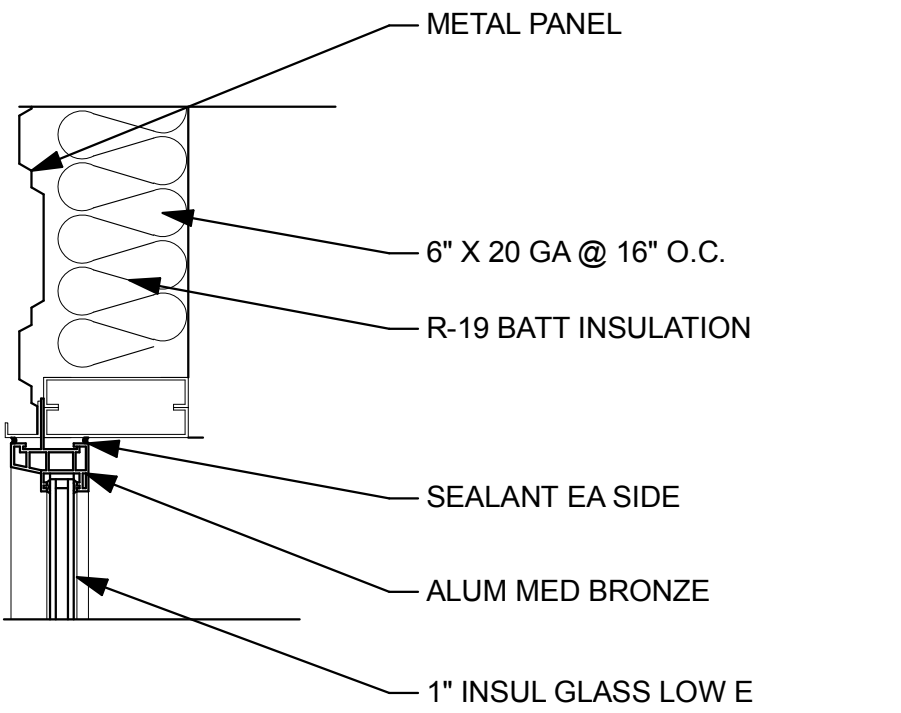
15 WINDOW MULLION DETAIL
A-502 SCALE: 1 1/2" = 1'-0"



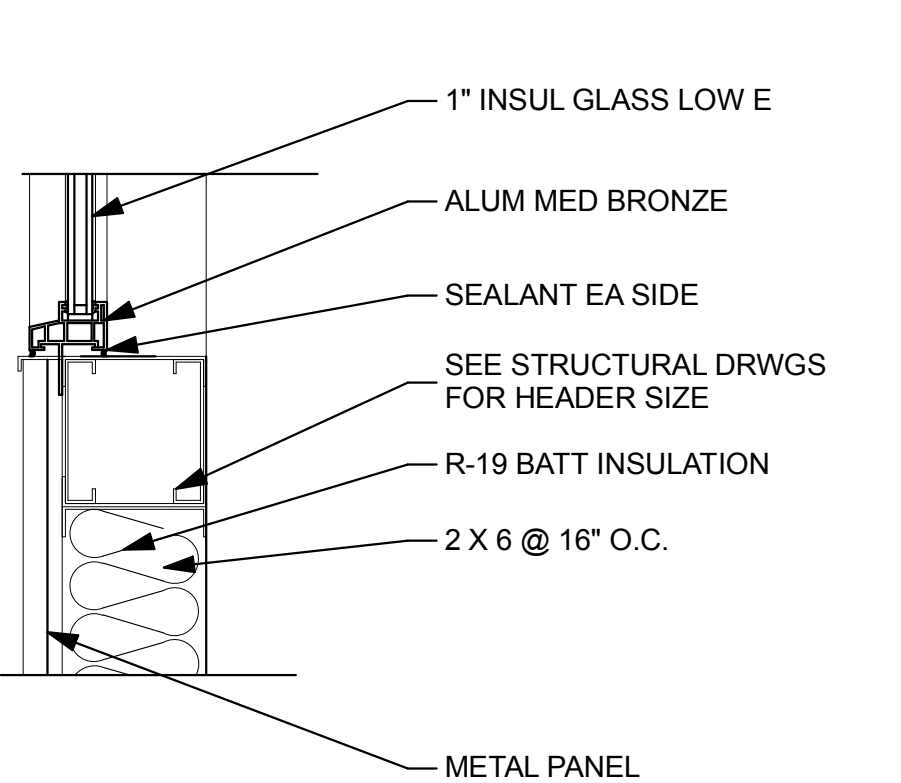
16 WINDOW SILL DETAIL
A-502 SCALE: 1 1/2" = 1'-0"



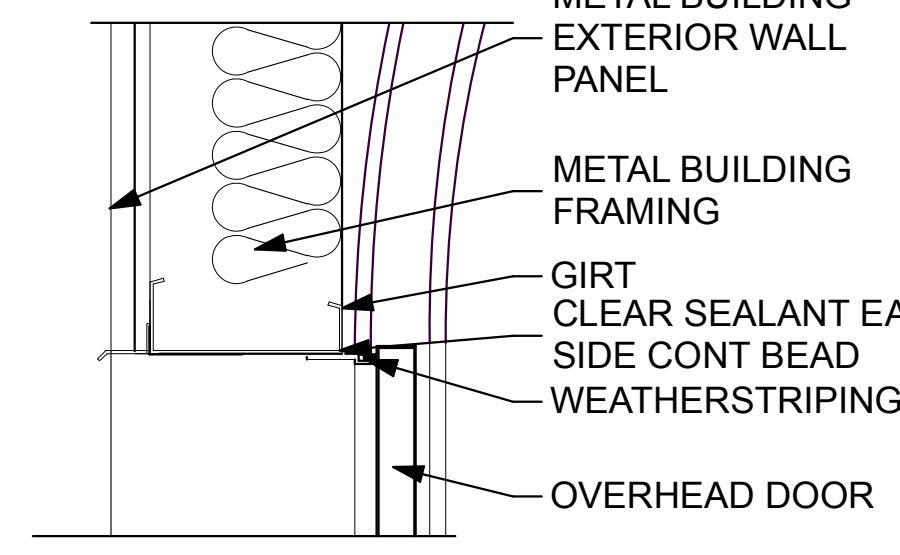
17 WINDOW HEAD DETAIL
A-502 SCALE: 1 1/2" = 1'-0"



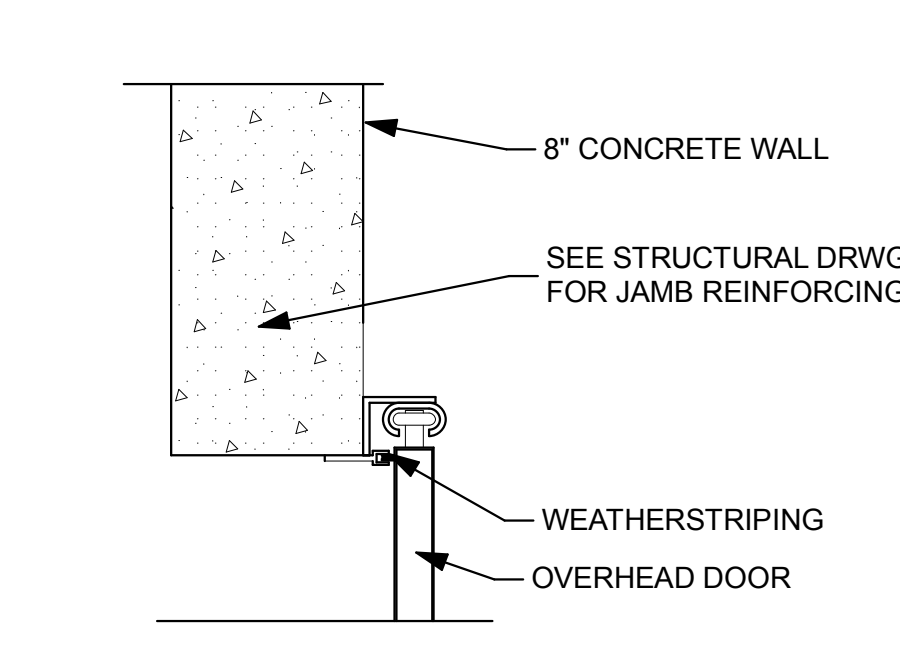
18 WINDOW JAMB DETAIL
A-502 SCALE: 1 1/2" = 1'-0"



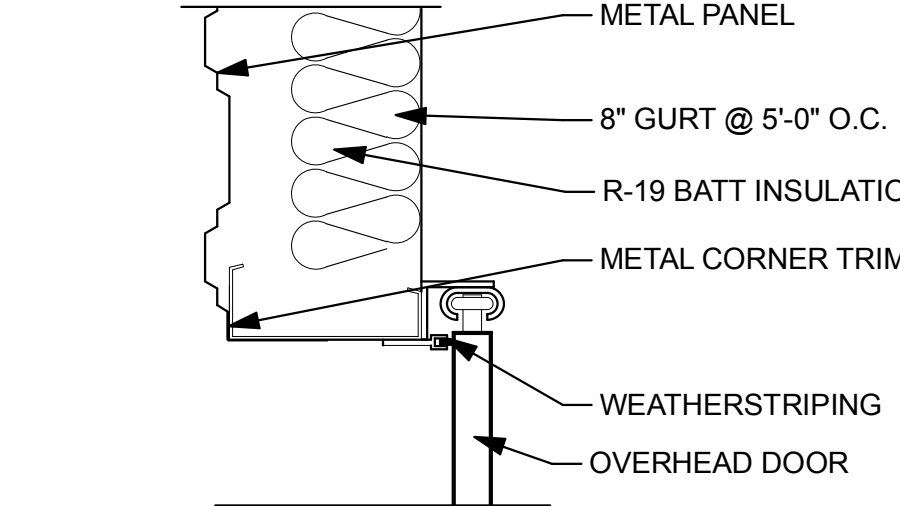
19 WINDOW SILL DETAIL
A-502 SCALE: 1 1/2" = 1'-0"



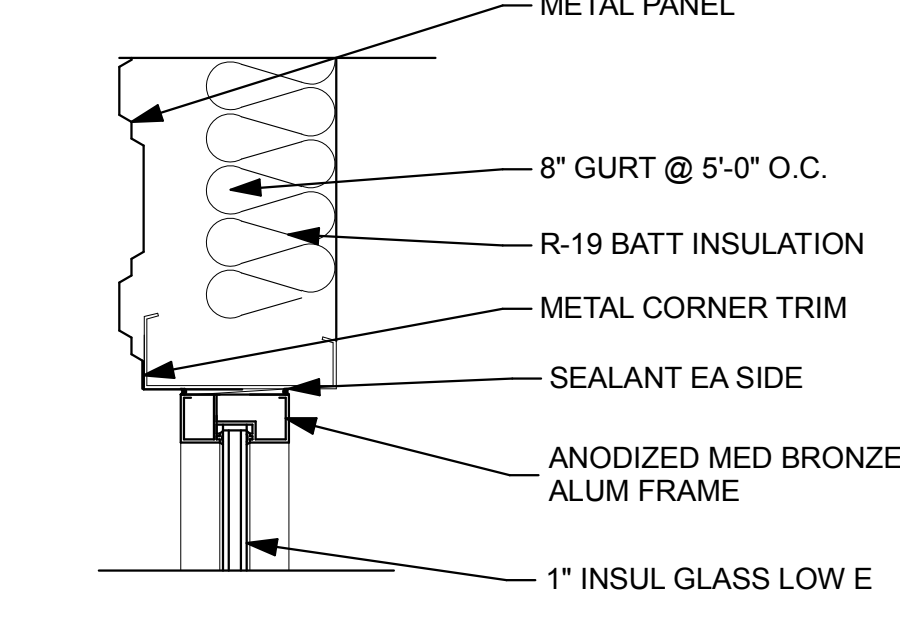
20 DOOR HEAD DETAIL
A-502 SCALE: 1 1/2" = 1'-0"



21 DOOR JAMB DETAIL
A-502 SCALE: 1 1/2" = 1'-0"

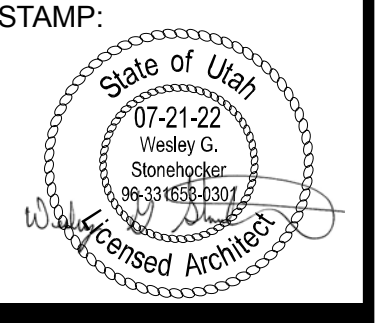


22 DOOR JAMB DETAIL
A-502 SCALE: 1 1/2" = 1'-0"



23 WINDOW JAMB DETAIL
A-502 SCALE: 1 1/2" = 1'-0"

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215 WEST 2675 NORTH
LAYTON, UTAH

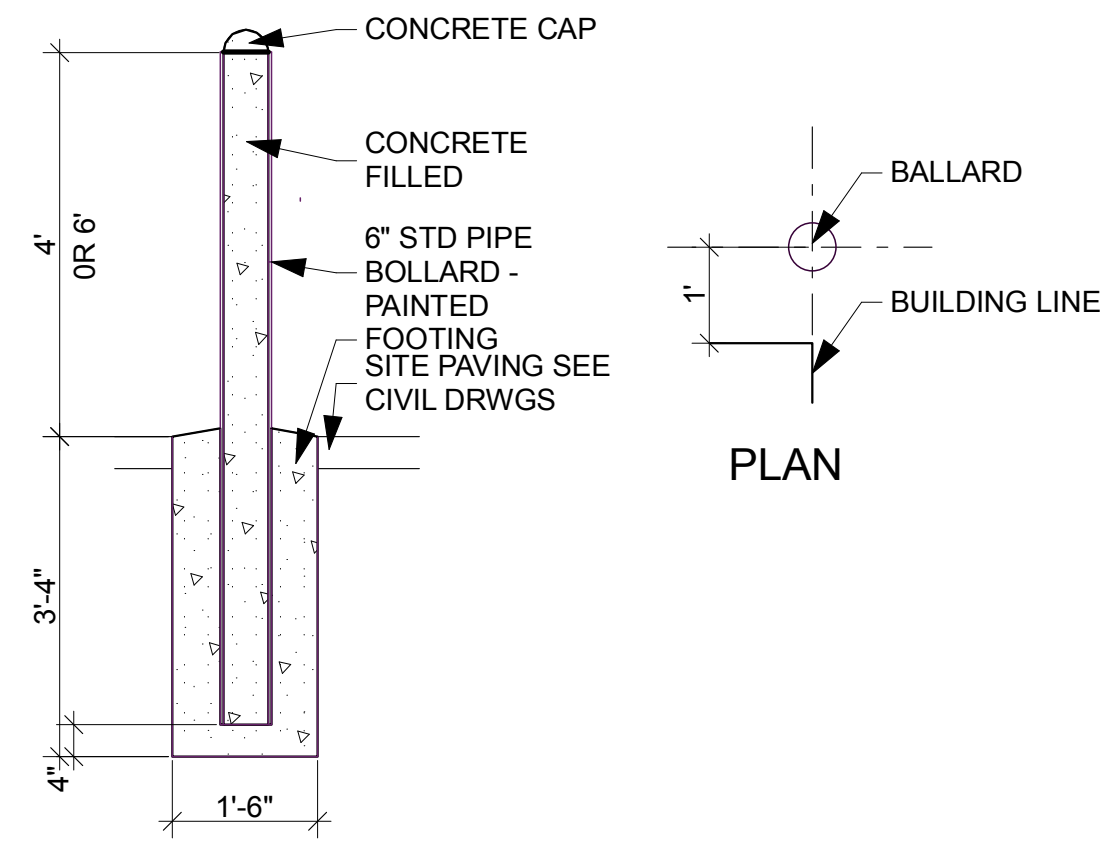
PROJECT NO:
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SHEET TITLE:
DOOR AND WINDOW
DETAILS

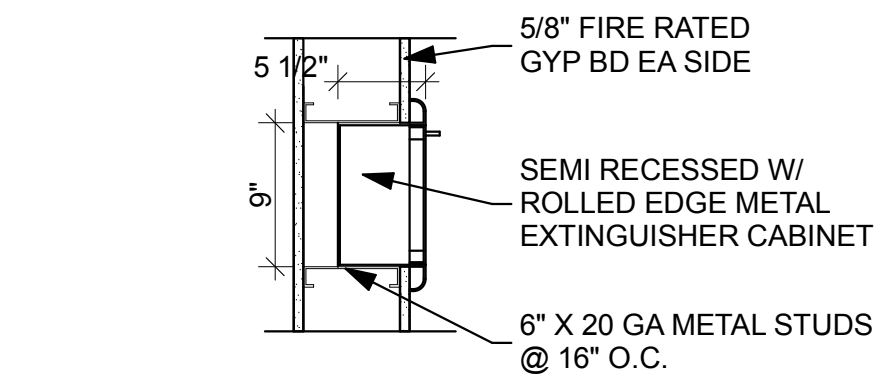
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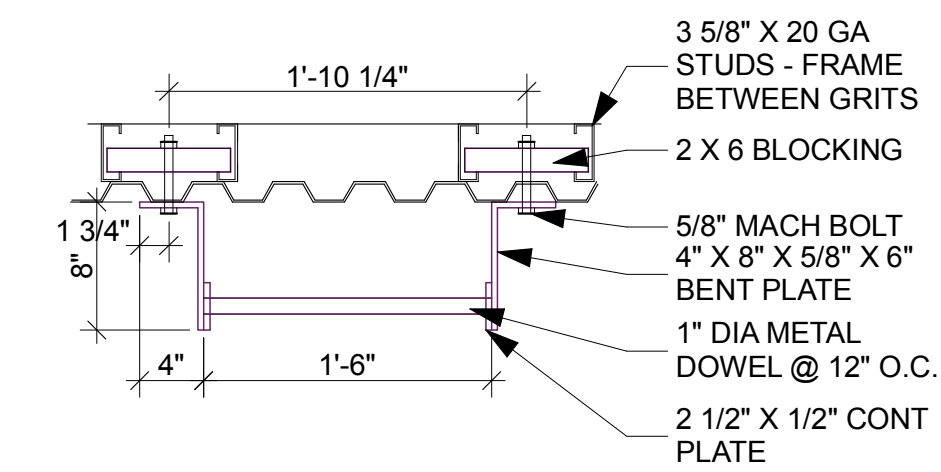
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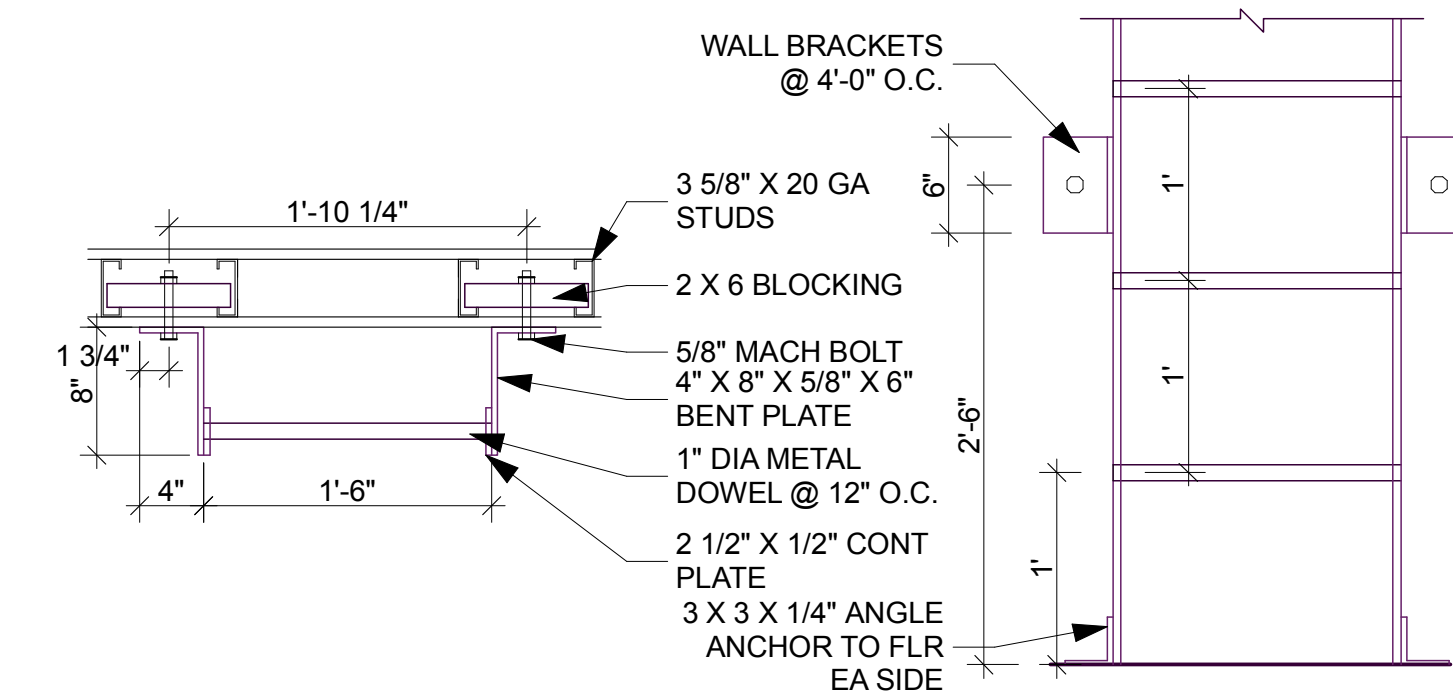
1 BOLLARD DET
A-503 SCALE: 1/2" = 1'-0"



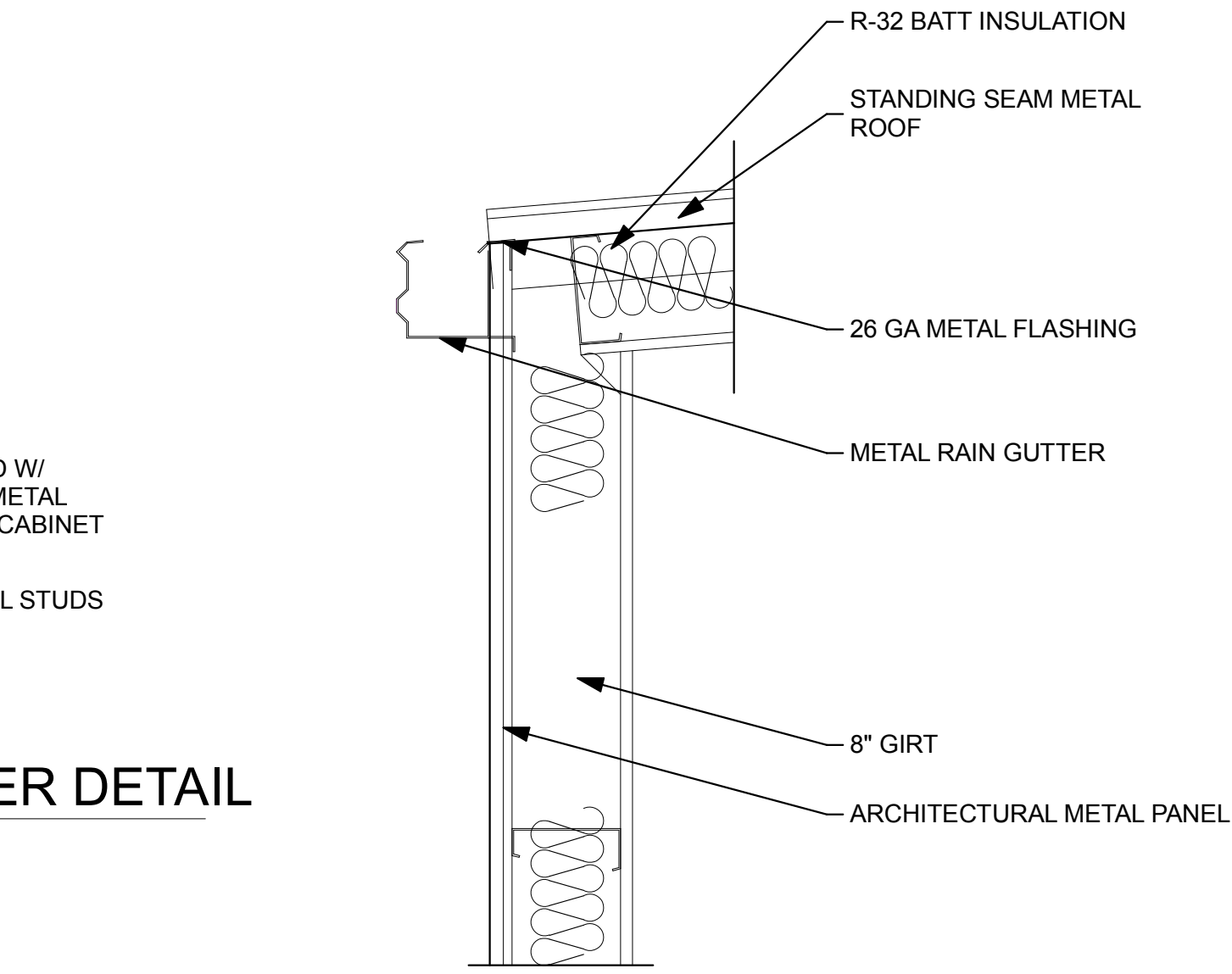
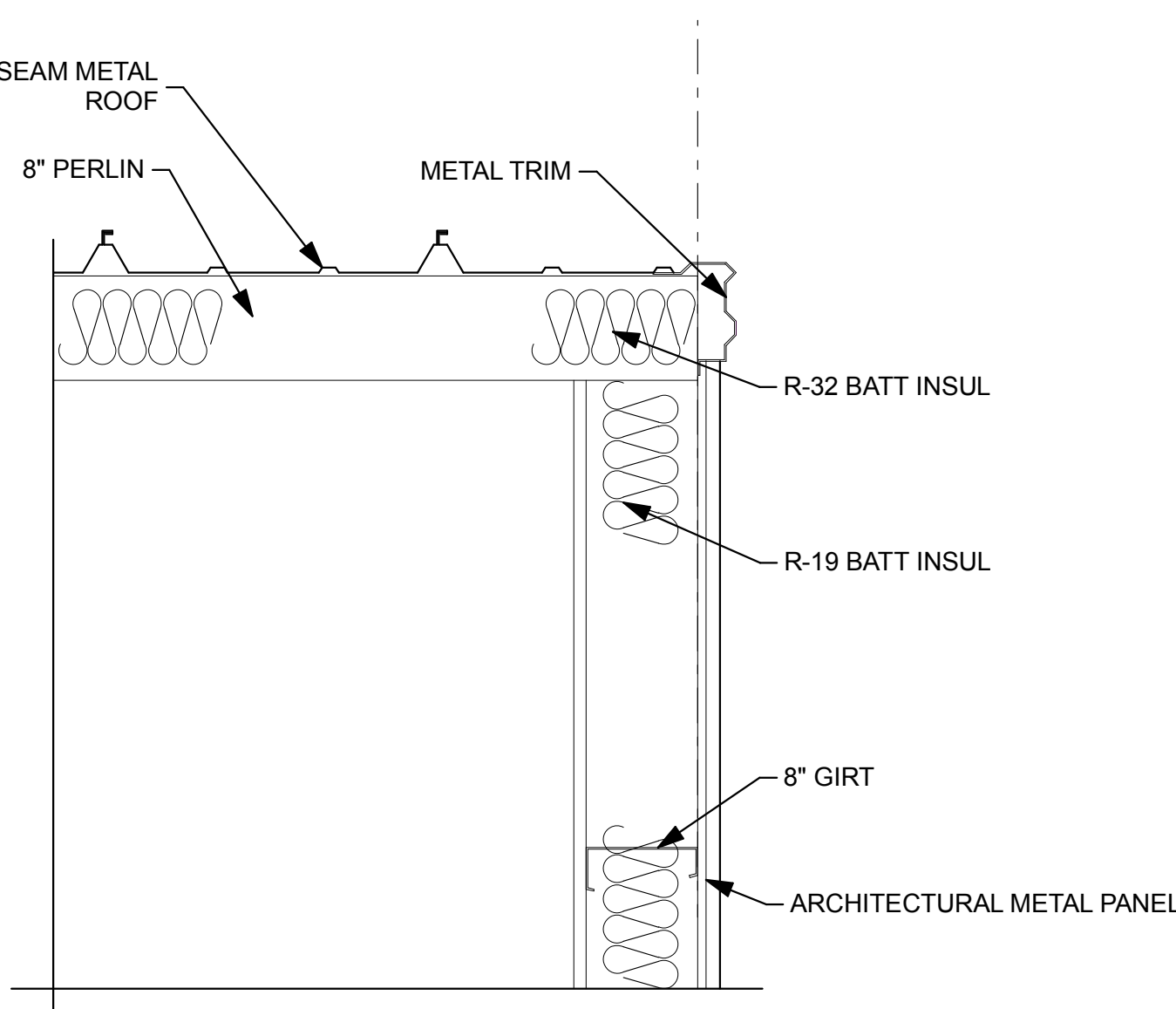
2 FIRE EXTINGUISHER DETAIL
A-503 SCALE: 1" = 1'-0"



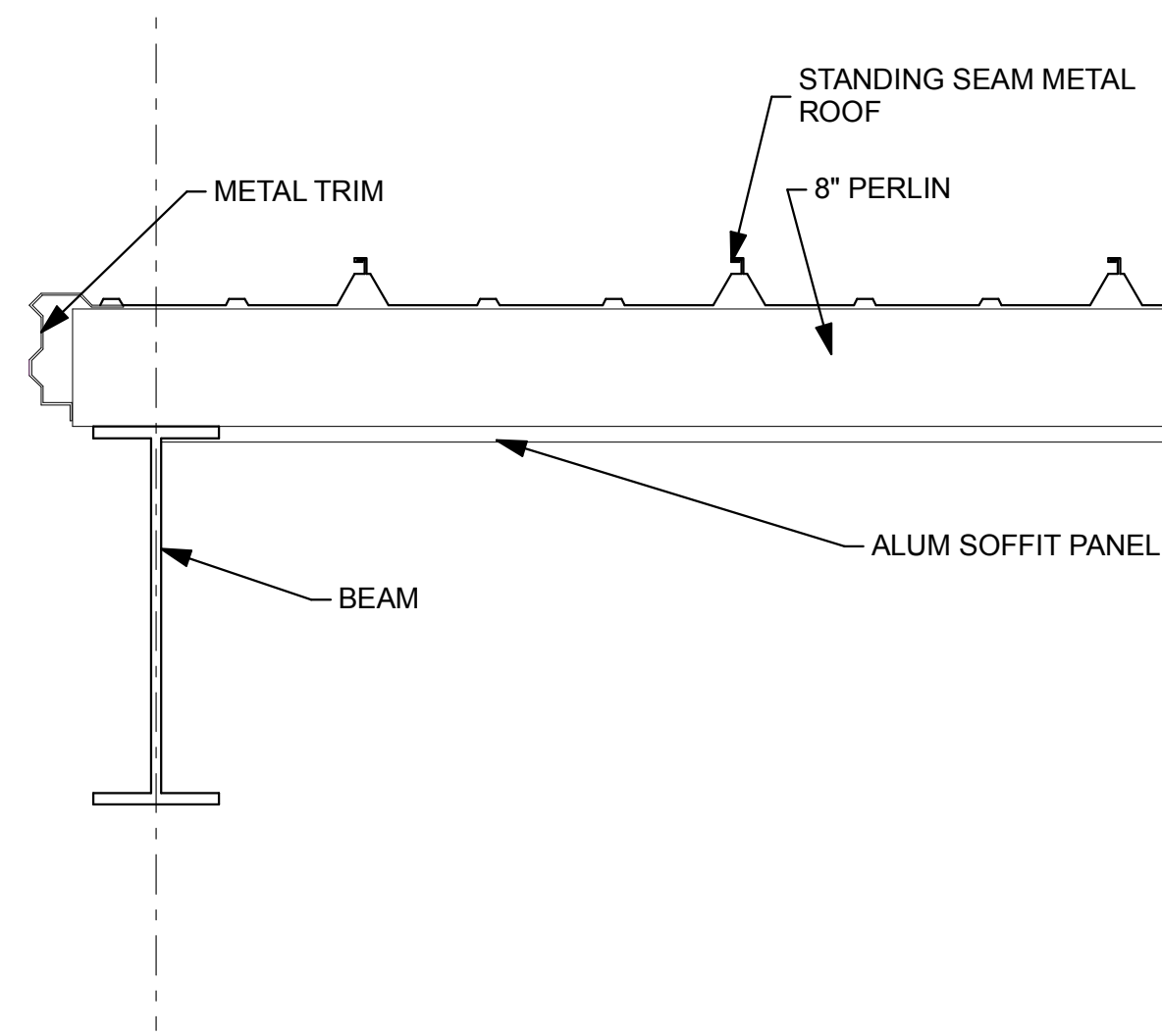
3 LADDER DET
A-503 SCALE: 1" = 1'-0"



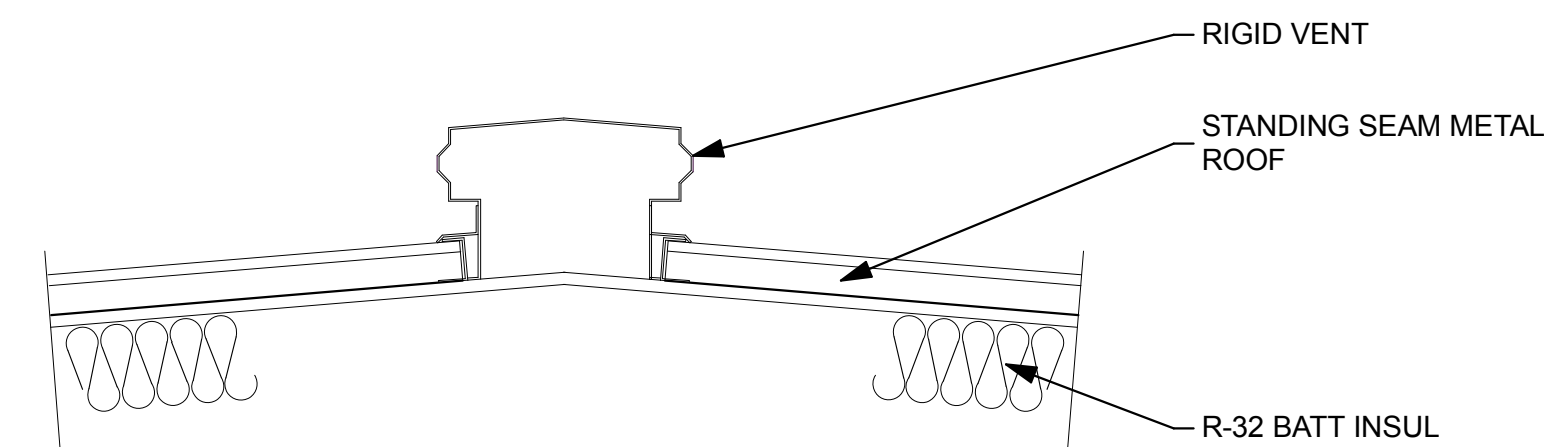
4 ROOF DETAILS
A-503 SCALE: 1" = 1'-0"



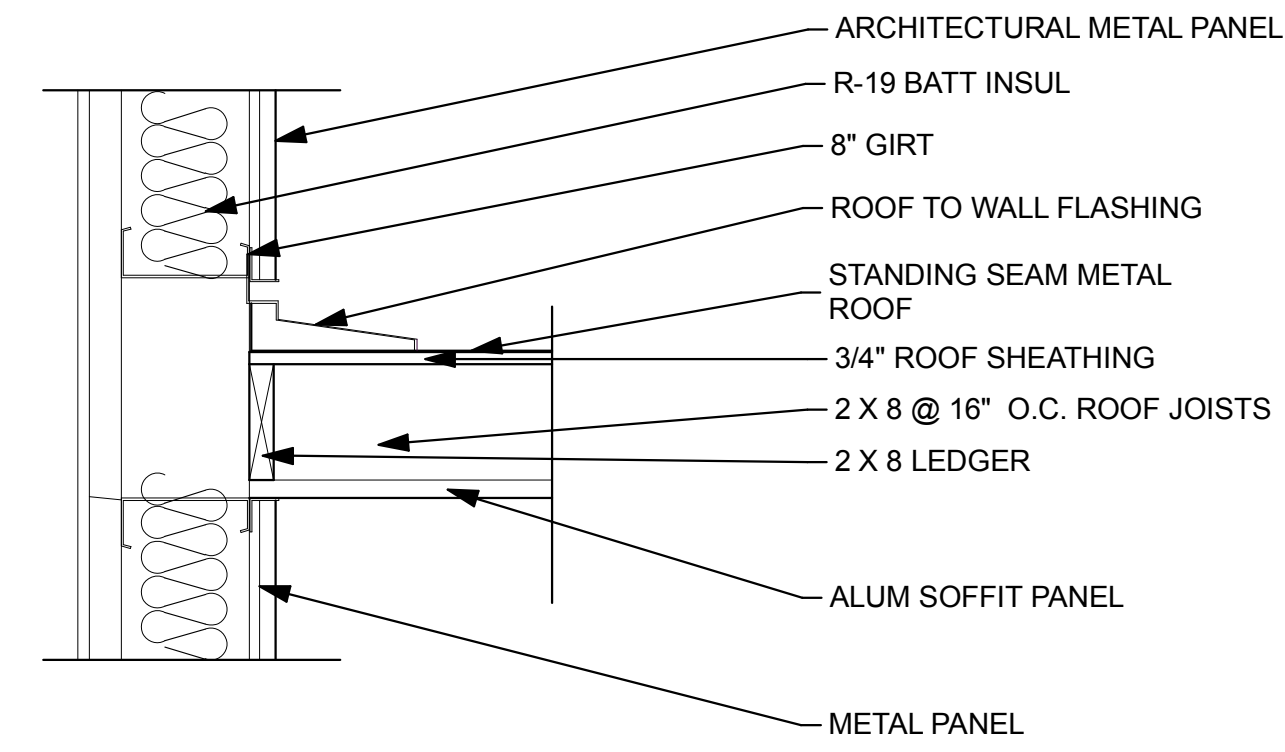
5 ROOF DETAILS
A-503 SCALE: 1" = 1'-0"



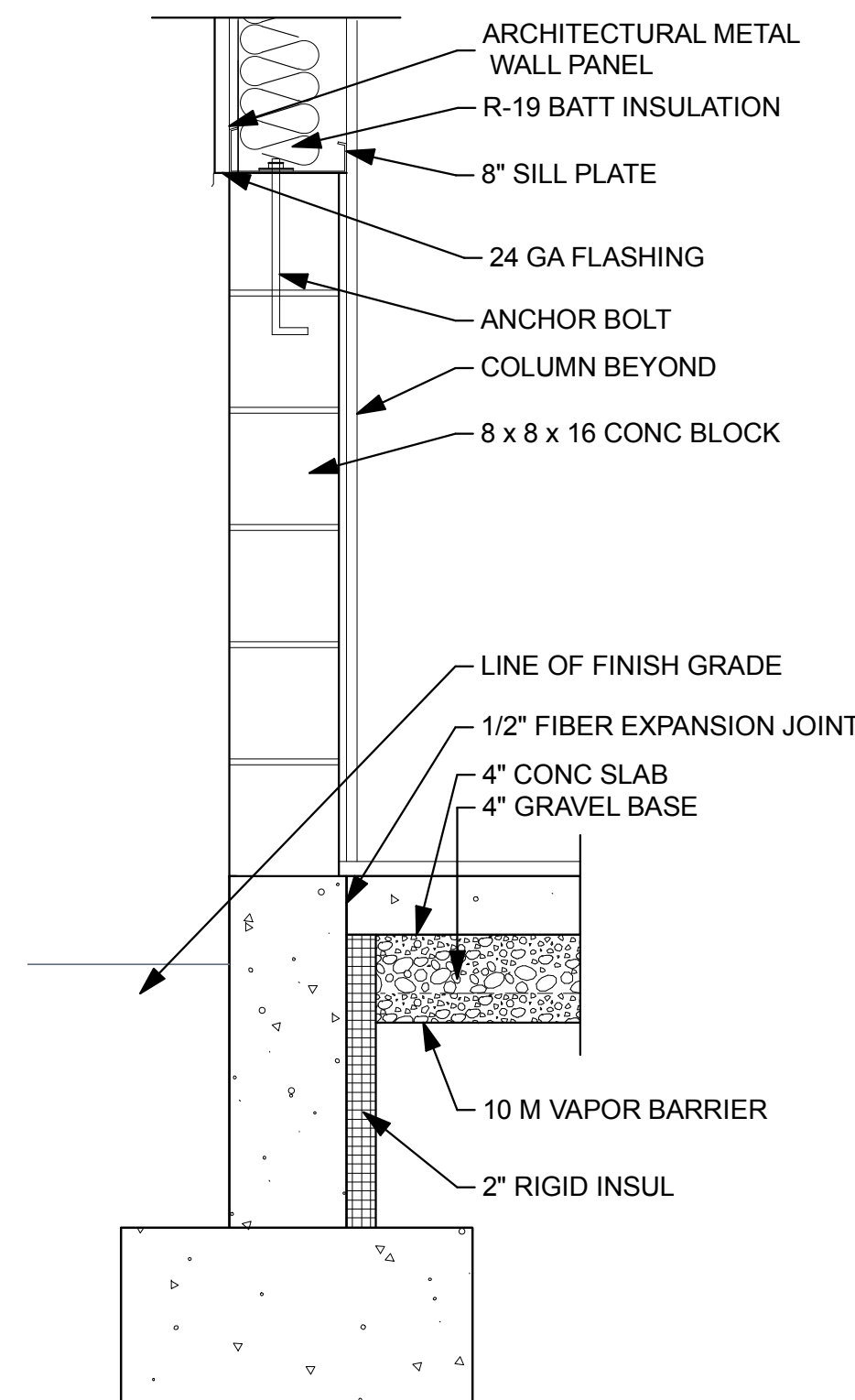
6 ROOF DETAILS
A-503 SCALE: 1" = 1'-0"



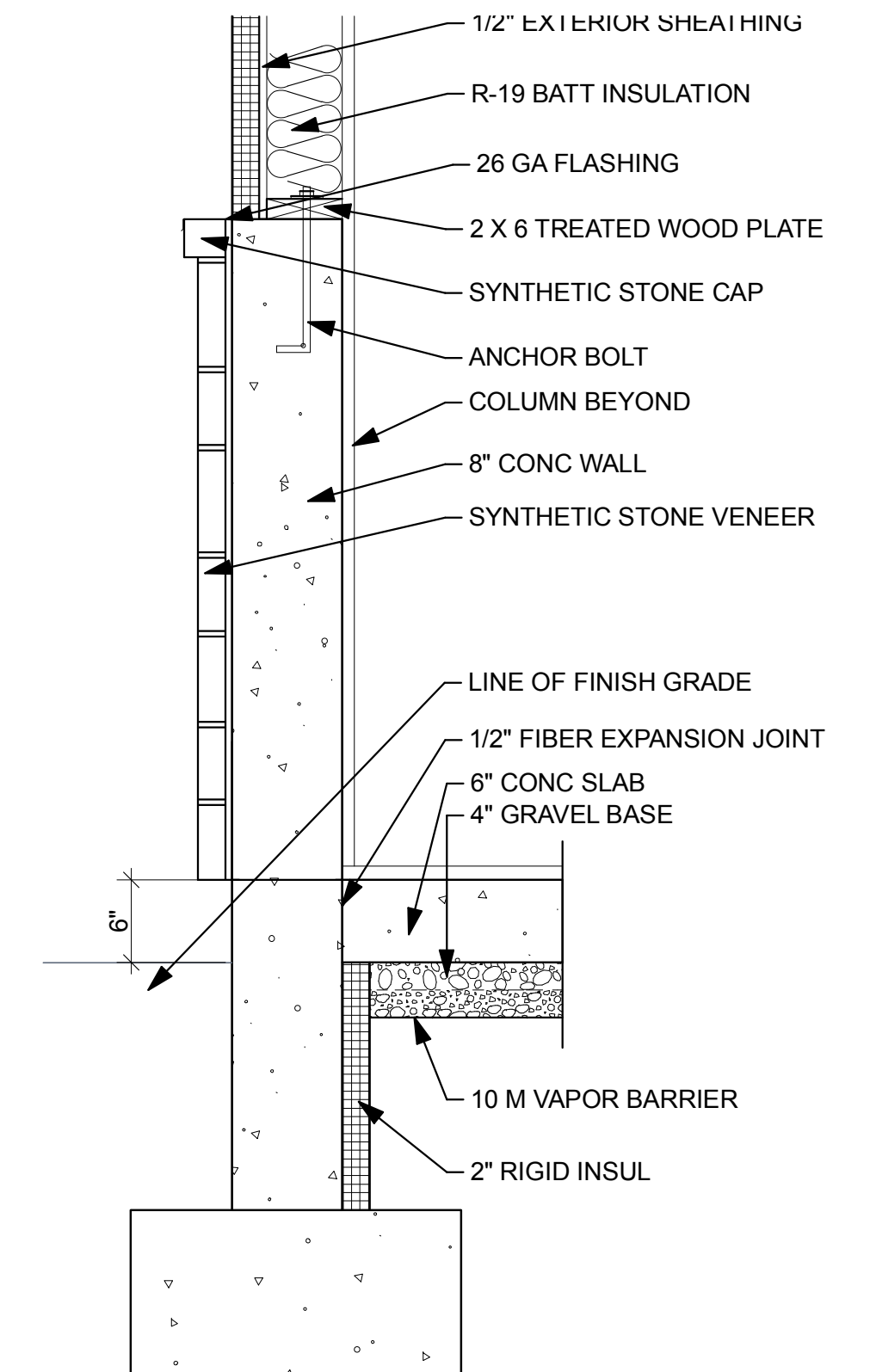
7 ROOF DETAIL
A-503 SCALE: 1" = 1'-0"



8 ROOF DETAIL
A-503 SCALE: 1" = 1'-0"



9 WALL DETAIL
A-503 SCALE: 1" = 1'-0"



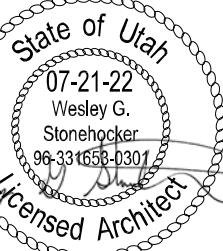
10 WALL DETAIL
A-503 SCALE: 1" = 1'-0"

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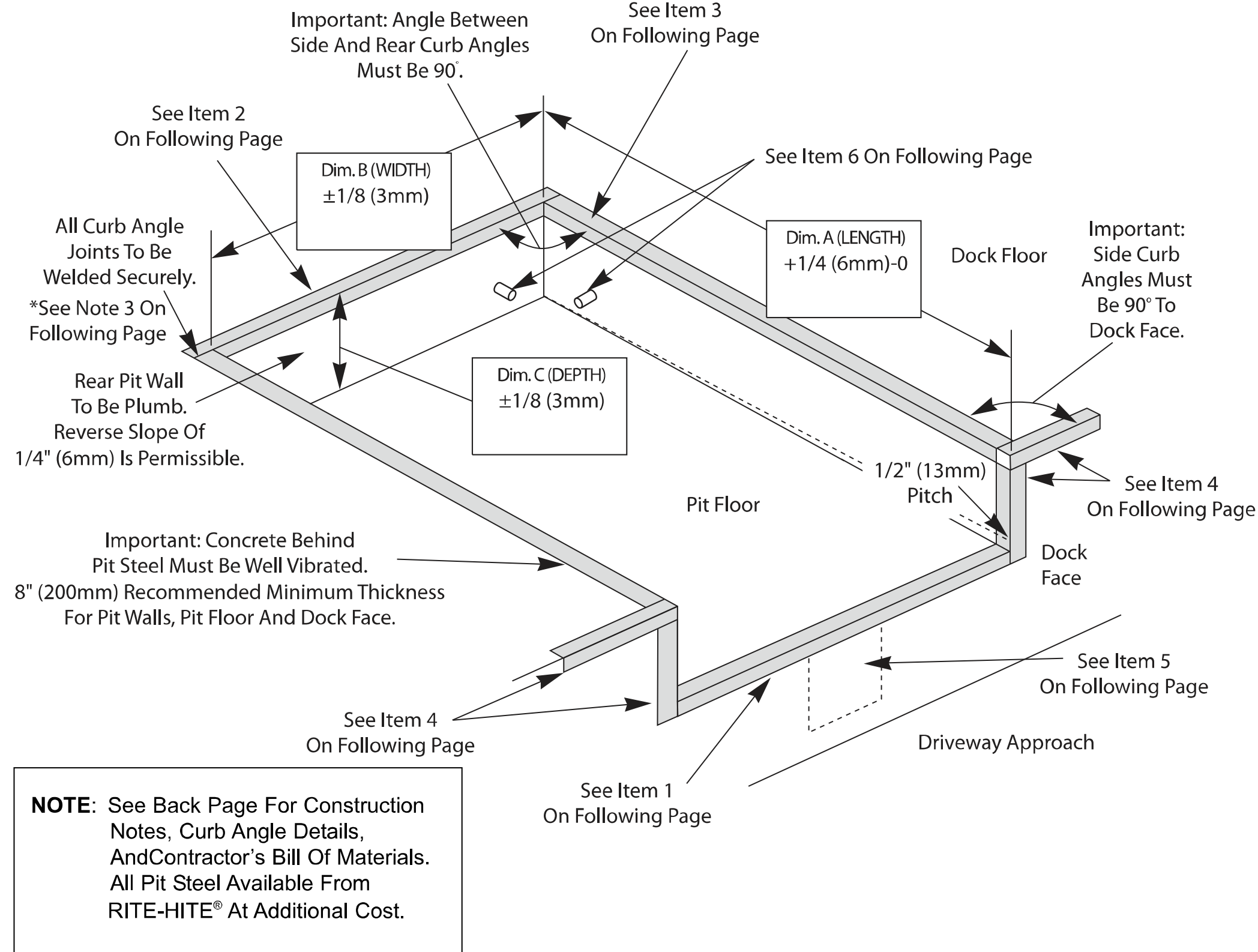
PROJECT NO:
2130

SHEET TITLE:
WALL AND
ROOF
DETAILS

SHEET NUMBER:

A-503

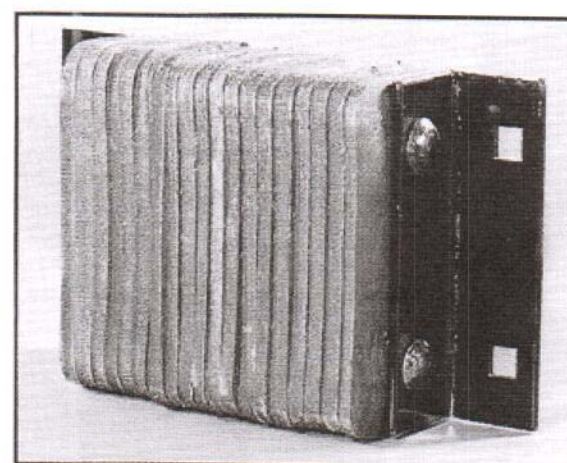
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CAPACITIES		J, L and M	
NOMINAL PIT SIZES		7W x 8L	
PIT LENGTH DIM A		87" (2210mm)	
PIT WIDTH DIM B		85" (2160mm)	
PIT DEPTH DIM C		23-1/2" (600mm)	

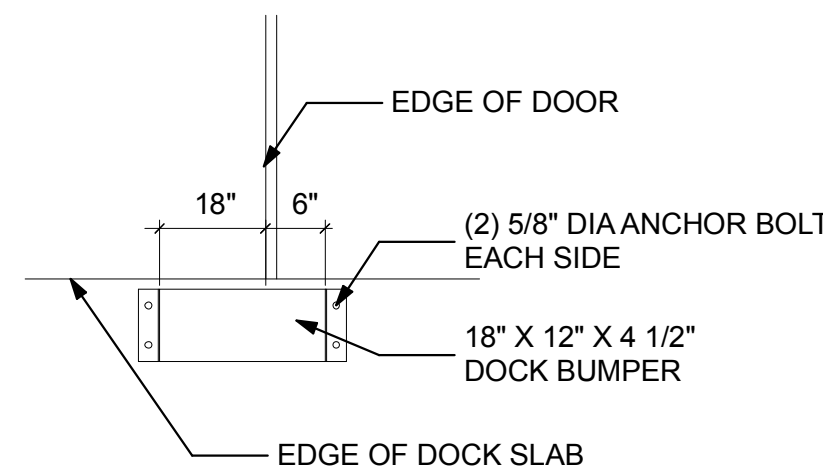
3 A-504 WINDOW HEAD DETAIL
SCALE: 1:0.87

Laminated Rubber Dock Bumpers



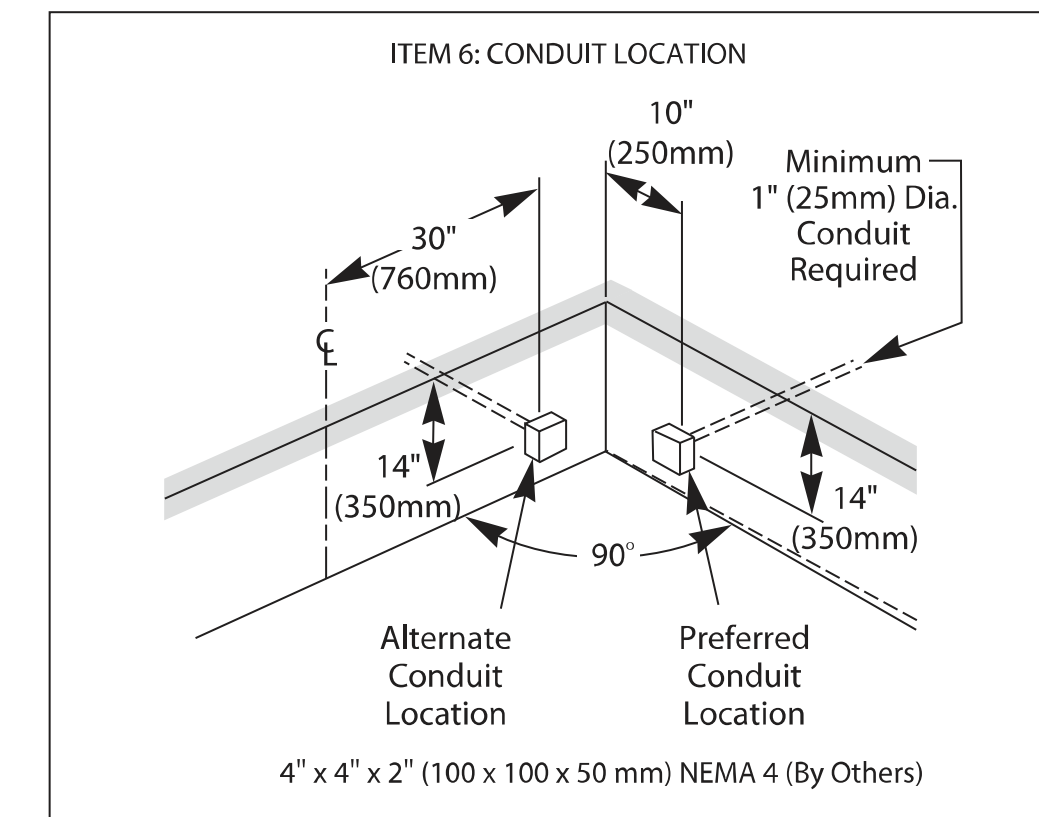
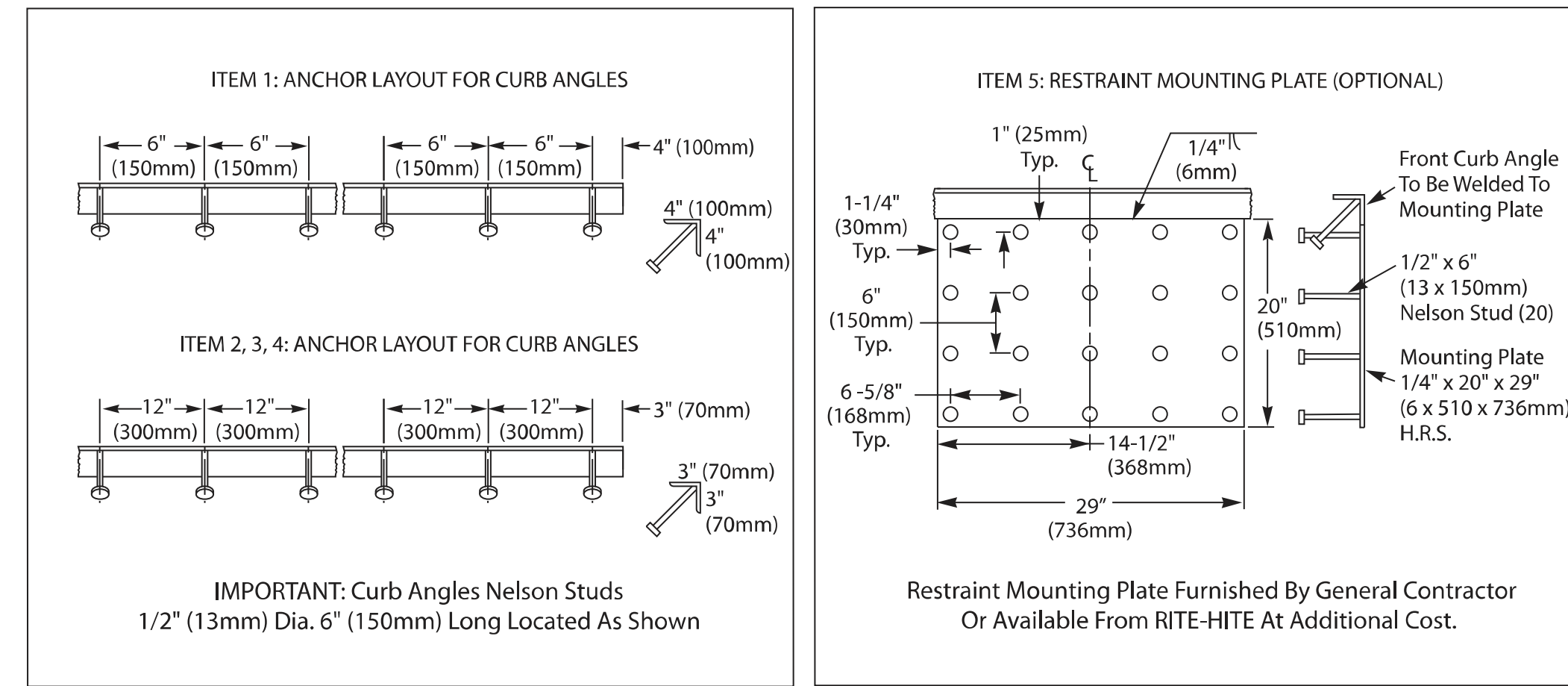
- Features**
- Tough plies of truck tire material virtually eliminates chipping or abrasion, unlike molded rubber, extruded rubber, or wood plank bumpers.
 - Attractive deep black color enhances a neat, professional architectural look.
 - Manufactured under pressure exceeding 1,500 lbs. to absorb over 80% of impact force.
 - Anchor bolts are protected by at least 3" of rubber to prevent damage.

- Uses / Applications**
- Available in two models: bumpers with angles for most applications -- equipped with 1/4" steel angles on both ends; and bumpers with flat plate for use with dock levelers -- optional 1/4" flat steel plate for one or both ends.
 - Have unlimited applications in factories, warehouses and docks.
 - Vehicle impact protection for loading docks.
 - Projecting above low docks.
 - Rub rails at the sides of truck wells.
 - Wall bumpers to protect against fork lift trucks.
 - Special construction features to accommodate unusual anchoring conditions.



2 A-504 DOCK BUMPER DETAIL
SCALE: 1" = 1'-0"

Pit Details for RITE-HITE Dock Levelers - RHH-5000 Series



CONTRACTOR'S BILL OF MATERIAL FOR NOMINAL PIT SIZES

ITEM	QTY.	7W x 8L
1. FRONT CURB ANGLE 4 x 4 x 1/4 (100 x 100 x 8mm)	1	85" (2160mm)
2. REAR CURB ANGLE 3 x 3 x 3/16 (70 x 70 x 7mm)	1	91" (2300mm)
3. SIDE CURB ANGLE 3 x 3 x 3/16 (70 x 70 x 7mm)	2	84" (2140mm)
4. TOP FRONT ANGLE 3 x 3 x 3/16 (70 x 70 x 7mm)	4	25" (635mm)

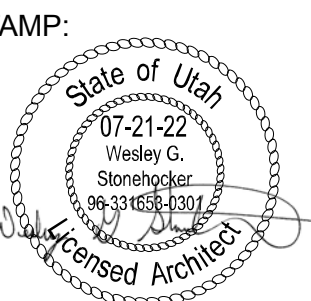
CONSTRUCTION NOTES

- Concrete Behind Pit Steel Must Be Well Vibrated.
 - Rear Pit Wall must be Square With Dock Floor.
 - All Curb Angle Joints To Be Welded Securely.
 - 1/2" (13mm) Pitch toward Front Of Pit For Drainage.
 - 8" (200mm) Recommended Min. Thickness For Pit Walls, Pit Floor And Dock Face.
- *Exception: If specialty/shrink compensated floors, two rear curb angle to side curb angle welds cannot be applied.

Contact RITE-HITE Corporation, 8900 N. Arbon Dr., Milwaukee, WI USA 53223 (414) 355-2600 Fax: (414) 355-9248
Mailing Address: RITE-HITE Corporation, P.O. Box 245020, Milwaukee, WI USA 53224 1-800-456-0600 www.ritehite.com

Pub. No. 1292 - May 2015

1 A-504 DOCK PIT DETAIL
SCALE: 1:0.67



DATE: 6-17-2021
REVISION:

**OFFICE / WAREHOUSE
NEW BUILDING**
215 WEST 2675 NORTH
LAYTON, UTAH

PROJECT NO:
2130

SHEET TITLE:
**DOCK
DETAILS**

SHEET NUMBER:
A-504

DOOR SCHEDULE																		
DOOR NO.	ROOM NO.	DOOR				FRAME				DETAILS								
		WIDTH	HEIGHT	DEPTH	MAT'L	DOOR SKIN	FINISH	DOOR TYPE	GLASS	MAT'L	FINISH	FRAME TYPE	HARDWARE GROUP	RATING	HEAD	JAMB	MILLION	THRESH
101A	101	3-0	7-0	1-3/4"	ALUM	FLUSH	M B ANOD	A	TEMP	ALUM	M B ANOD	1	HG-1	-	1/A 502	2&4/A 502	3/A 502	6/A 502
101B	101	3-0	7-0	1-3/4"	ALUM	FLUSH	M B ANOD	A	TEMP	ALUM	M B ANOD	1	HG-1	-	1/A 502	2&4/A 502	3/A 502	6/A 502
101C	101	3-0	7-0	1-3/4"	HC	FLUSH	STAIN	C	-	WD	PAINT	2	HG-4	-	11/A 502	12/A 502		
103A	103	3-0	7-0	1-3/4"	HC	FLUSH	STAIN	C	-	WD	PAINT	2	HG-5	-	11/A 502	12/A 502		MARBLE THRESHOLD
104A	104	3-0	7-0	1-3/4"	HC	FLUSH	STAIN	C	-	WD	PAINT	2	HG-5	-	11/A 502	12/A 502		MARBLE THRESHOLD
105A	105	3-0	7-0	1-3/4"	HM	FLUSH	PAINT	B	-	HM	PAINT	2	HG-2	-	7/A 502	8&9/A 502	10/A 502	
105B	105	14-0	14-0	1-3/4"	STL	FLUSH	FF	D	-	STL	FF	3	HG-3	-	20/A 502	21&22/A 502		
106A	106	3-0	7-0	1-3/4"	HC	FLUSH	STAIN	C	-	WD	PAINT	2	HG-4	-	11/A 502	12/A 502		
106B	106	3-0	7-0	1-3/4"	HC	FLUSH	STAIN	C	-	WD	PAINT	2	HG-4	-	11/A 502	12/A 502		
107A	107	10-0	10-0	1-3/4"	STL	FLUSH	FF	D	-	STL	FF	3	HG-3	-	20/A 502	21&22/A 502		
110A	110	3-0	7-0	1-3/4"	ALUM	FLUSH	M B ANOD	A	TEMP	ALUM	M B ANOD	1	HG-1	-	1/A 502	2&4/A 502	3/A 502	6/A 502
110B	110	3-0	7-0	1-3/4"	HC	FLUSH	STAIN	C	-	WD	PAINT	2	HG-4	-	11/A 502	12/A 502		
112A	112	3-0	7-0	1-3/4"	HC	FLUSH	STAIN	C	-	WD	PAINT	2	HG-5	-	11/A 502	12/A 502		MARBLE THRESHOLD
113A	113	3-0	7-0	1-3/4"	HC	FLUSH	STAIN	C	-	WD	PAINT	2	HG-5	-	11/A 502	12/A 502		MARBLE THRESHOLD
114A	114	3-0	7-0	1-3/4"	ALUM	FLUSH	M B ANOD	A	TEMP	ALUM	M B ANOD	1	HG-1	-	1/A 502	2&4/A 502	3/A 502	6/A 502
114B	114	3-0	7-0	1-3/4"	HC	FLUSH	STAIN	C	-	WD	PAINT	2	HG-4	-	11/A 502	12/A 502		
115A	115	3-0	7-0	1-3/4"	HM	FLUSH	PAINT	B	-	HM	PAINT	2	HG-2	-	7/A 502	8&9/A 502	10/A 502	
115B	115	14-0	14-0	1-3/4"	STL	FLUSH	FF	D	-	STL	FF	3	HG-3	-	20/A 502	21&22/A 502		
121A	121	3-0	7-0	1-3/4"	ALUM	FLUSH	M B ANOD	A	TEMP	ALUM	M B ANOD	1	HG-1	-	1/A 502	2&4/A 502	3/A 502	6/A 502
121B	121	3-0	7-0	1-3/4"	HC	FLUSH	STAIN	C	-	WD	PAINT	2	HG-4	-	11/A 502	12/A 502		
122A	122	3-0	7-0	1-3/4"	HC	FLUSH	STAIN	C	-	WD	PAINT	2	HG-5	-	11/A 502	12/A 502		MARBLE THRESHOLD
124A	124	3-0	7-0	1-3/4"	HM	FLUSH	PAINT	B	-	HM	PAINT	2	HG-2	-	7/A 502	8&9/A 502	10/A 502	
124B	124	14-0	14-0	1-3/4"	STL	FLUSH	FF	D	-	STL	FF	3	HG-3	-	20/A 502	21&22/A 502		
131A	131	3-0	7-0	1-3/4"	ALUM	FLUSH	M B ANOD	A	TEMP	ALUM	M B ANOD	1	HG-1	-	1/A 502	2&4/A 502	3/A 502	6/A 502
131B	131	3-0	7-0	1-3/4"	HC	FLUSH	STAIN	C	-	WD	PAINT	2	HG-4	-	11/A 502	12/A 502		
133A	133	3-0	7-0	1-3/4"	HC	FLUSH	STAIN	C	-	WD	PAINT	2	HG-5	-	11/A 502	12/A 502		MARBLE THRESHOLD
134A	134	3-0	7-0	1-3/4"	HM	FLUSH	PAINT	B	-	HM	PAINT	2	HG-2	-	7/A 502	8&9/A 502	10/A 502	
134B	134	14-0	14-0	1-3/4"	STL	FLUSH	FF	D	-	STL	FF	3	HG-3	-	20/A 502	21&22/A 502		

HARDWARE GROUP NO. 1

- 1 PIANO HINGES CONTINUOUS
- 1 PANIC BAR
- 1 PULL HANDLES
- 1 PUSH BARS
- 1 SETS SOUND SEAL
- 1 THRESHOLD (ALUM)
- 1 CYLINDER

HARDWARE GROUP NO. 2

- 1 1/2 PR BB HINGES
- 1 LOCKSET - LEVER (ENTRY FUNCTION)
- 1 PANIC CRASH BAR
- 1 CLOSURE / OVERHEAD STOP
- 1 SET WEATHERSTRIPING
- 2 KICK PLATES
- 1 THRESHOLD

HARDWARE GROUP NO. 3

- 1 SET DOOR HARDWARE SUPPLIED BY OVERHEAD DOOR COMPANY
- 1 DOOR BOTTOM WEATHERSTRIP
- 1 SET WEATHERSTRIP

HARDWARE GROUP NO. 4

- 1 1/2 PR BB HINGES
- 1 LOCKSET - LEVER (OFFICE FUNCTION)
- 1 WALL STOP
- 1 SET DOOR SOUND SEAL

HARDWARE GROUP NO. 5

- 1 1/2 PR BB HINGES
- 1 LOCKSET - LEVER (PRIVACY FUNCTION)
- 1 WALL STOP
- 1 SET DOOR SOUND SEAL

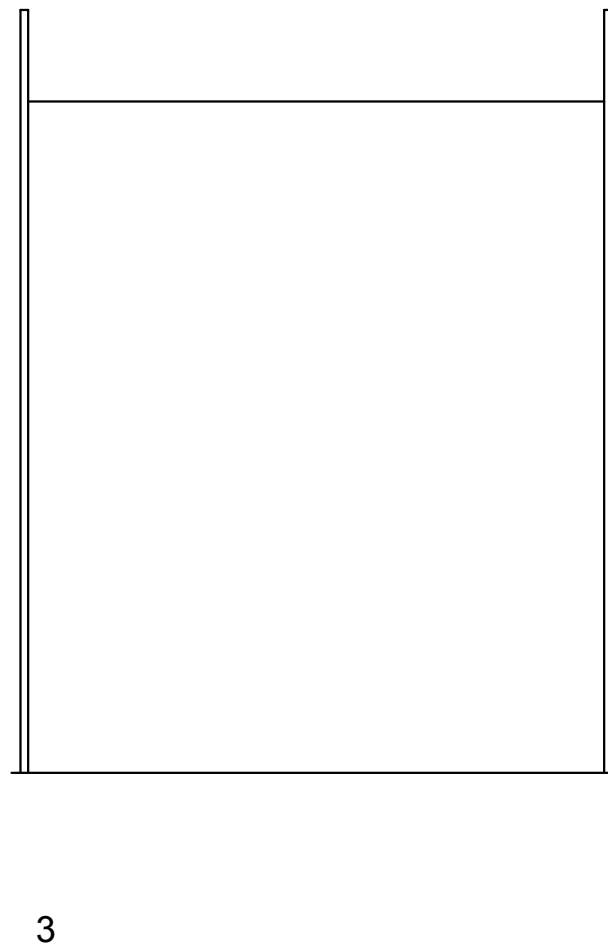
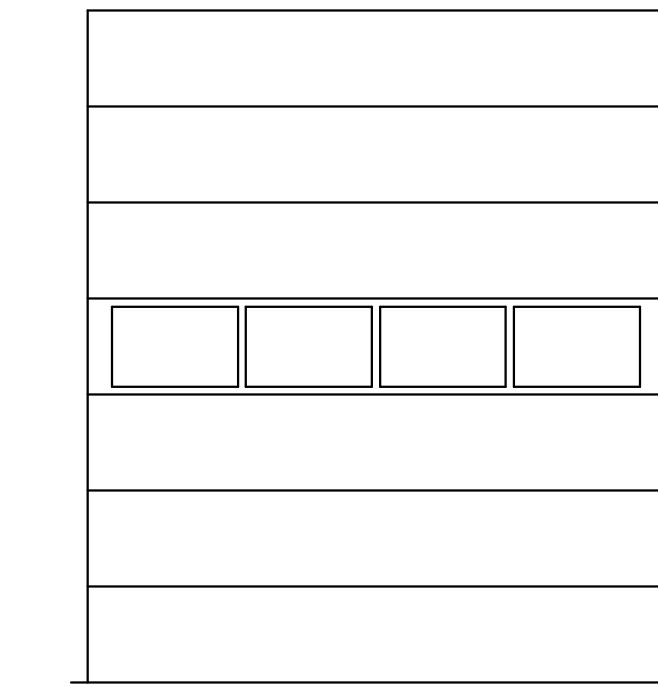
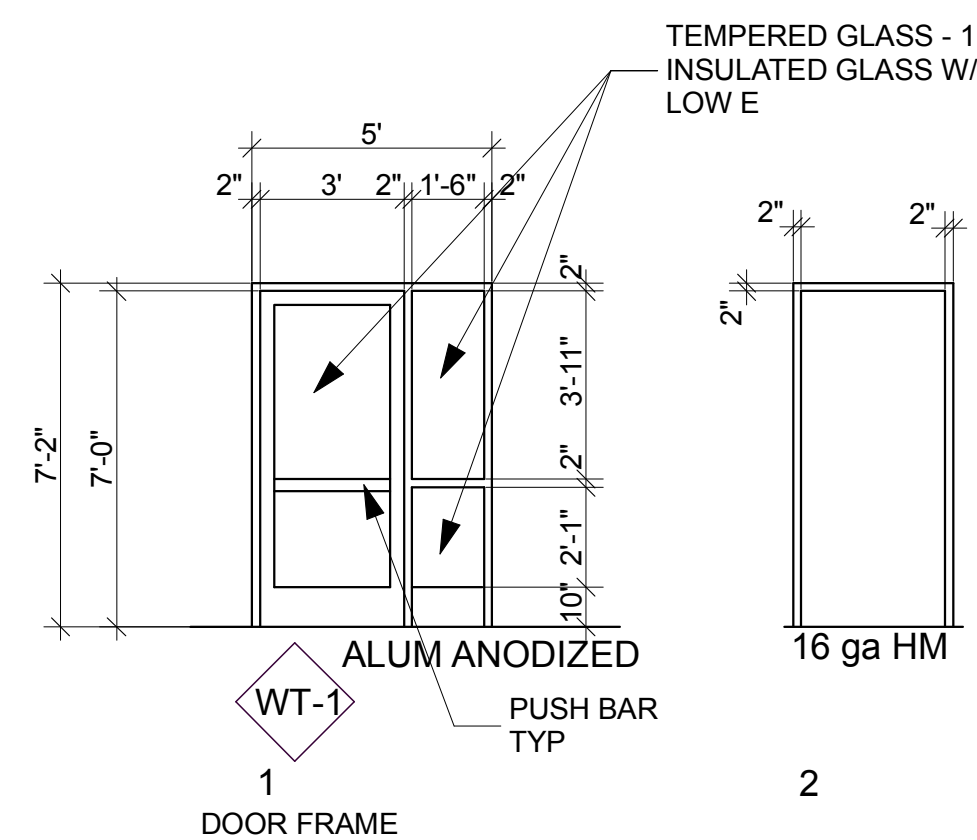
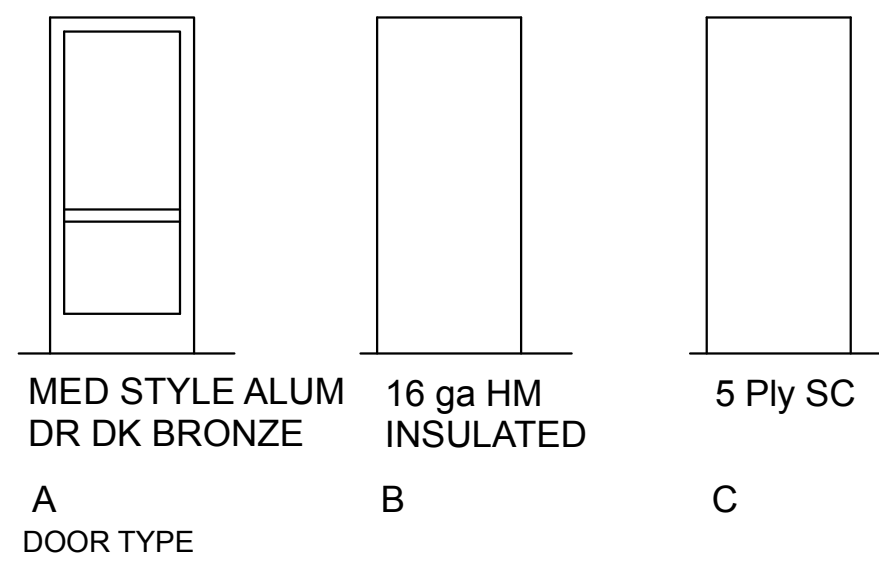
HARDWARE GROUP NO. 6

- 1 1/2 PR BB HINGES
- 1 LOCKSET - LEVER (STORAGE FUNCTION)
- 1 WALL STOP
- 1 SET DOOR SOUND SEAL

LEGEND:

- D B ANOD - DARK BRONZE ANODIZED
- HM- HOLLOW METAL
- STL- STEEL
- SC- SOLID CORE - RED OAK (PRE-FINISHED)
- FF- FACTORY FINISHED

- GENERAL NOTES:**
- 1. BEST CORES SHALL BE PROVIDED
 - NO SUBSTITUTION
 - 2. HARDWARE COLOR DULL CHROME

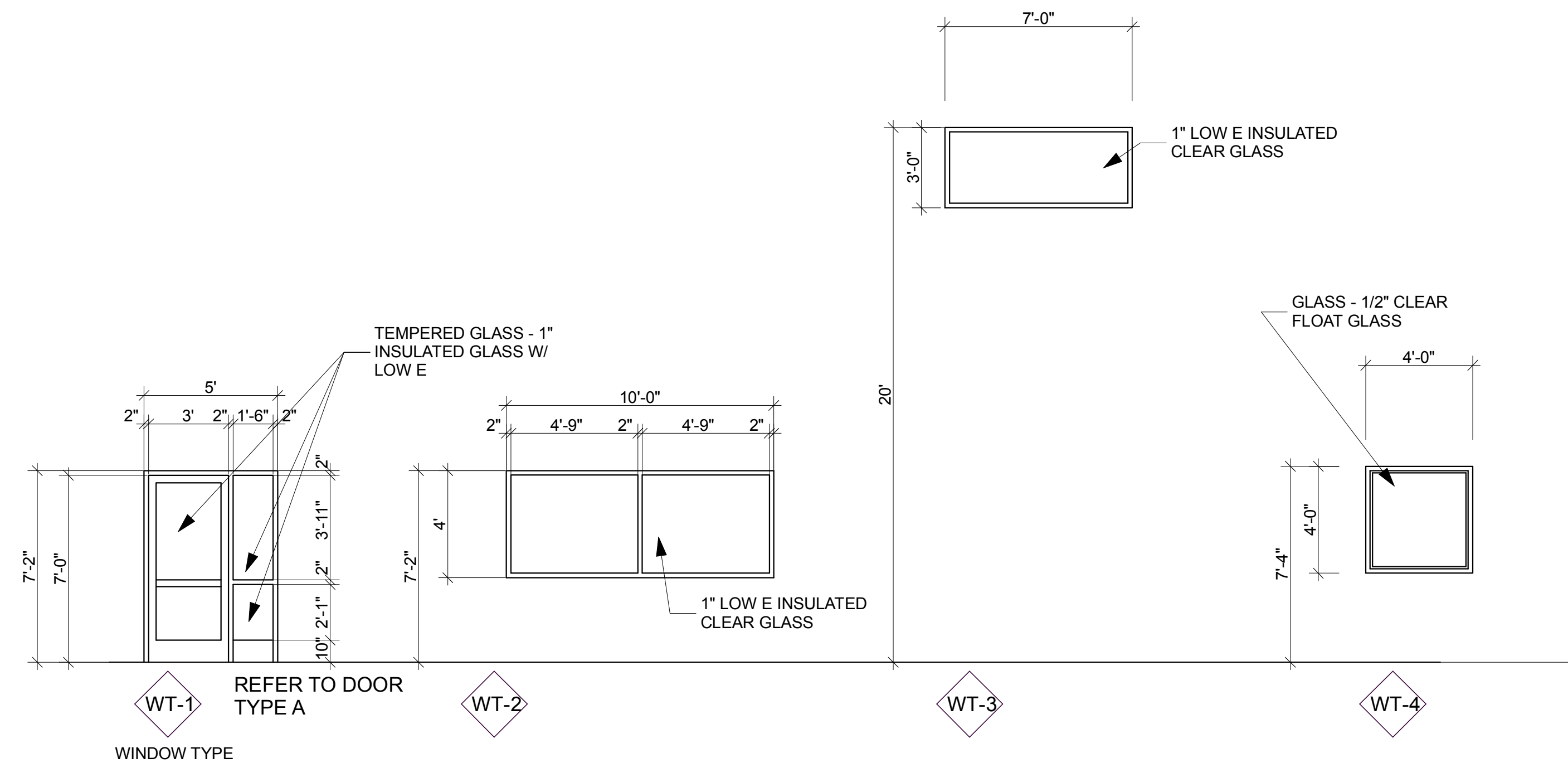


WINDOW SCHEDULE

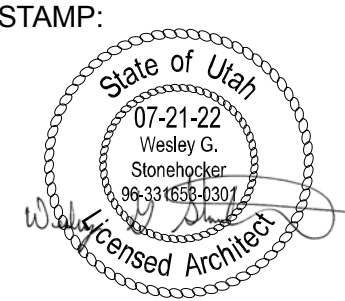
WDW NO.	GLASS			FRAME				DETAILS			
	MAT'L	WDW GLASS	FINISH	MAT'L	FINISH	FRAME TYPE	RATING	HEAD	JAMB	MILLION	SILL
W-1	FLOAT	1" LO E	CLEAR	ALUM	NAT ANO	WT-1	-	13/A-502	5&23/A-502	3/A-502	6/A-502 SIM
W-2	FLOAT	1" LO E	CLEAR	ALUM	NAT ANO	WT-2	-	13/A-502	14/A-502	15/A-502	16/A-502
W-3	FLOAT	1" LO E	CLEAR	ALUM	NAT ANO	WT-3	-	17/A-502	18/A-502		19/A-502
W-4	FLOAT	1/2"	CLEAR	ALUM	NAT ANO	WT-4	-	17/A-502	18/A-502		19/A-502 SIM

NOTE:

- DK BR ANOD - DARK BRONZE ANODIZED
- NAT ANO - NATURAL ANODIZED



RIDGELINE DESIGN ARCHITECTS
 1708 EAST 5550 SOUTH #20
 SOUTH OGDEN, UT 84403
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 www.ridgeline-design.com



DATE: 6-17-2021
 REVISION:

**OFFICE / WAREHOUSE
 NEW BUILDING**
 215 WEST 2675 NORTH
 LAYTON, UTAH

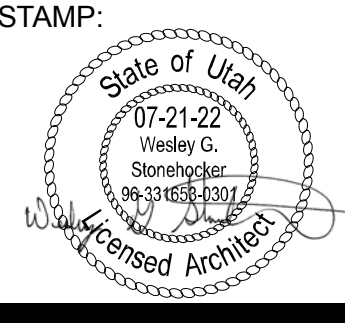
PROJECT NO:
 2130

SHEET TITLE:
**DOOR &
 WINDOW
 SCHEDULE**

SHEET NUMBER:
A-601

ROOM FINISH SCHEDULE																														
ROOM NO.	ROOM NAME	FLOOR				BASE		WALL			WAINSCOT		CEILING		REMARKS															
		CARPET TILE	VCT	SEALED CONC	2 X 2 CERAMIC TILE	24 X 8 CERA TILE	RUBBER MAT TILES	SHEATHING	NONE	4" RUBBER	8 X 6 CERAMIC TILE	24 X 8 CERA TILE	NONE	5/8 GYP BD - PAINT		5/8 GRN BD - PAINT	CMU - PAINTED	8 X 8 CERAMIC TILE	EPOXY SEALER	NONE	FRP	8 X 8 CERAMIC TILE	2 X 4 LAY-IN CLG	5/8" GYP BD - PAINT	UNPAINT STRUCT	FRP	PAINTED STRUCT	NONE	HEIGHT	
101	RECEPTION	X																												8'-6"
102	OFFICE	X																												8'-6"
103	BATHROOM																													8'-0"
104	BATHROOM																													8'-0"
105	WAREHOUSE																													OTS
106	OFFICE	X																												OTS
107	DOCK																													OTS
110	RECEPTION	X																												8'-6"
111	OFFICE	X																												8'-6"
112	BATHROOM																													8'-0"
113	BATHROOM																													8'-0"
114	OFFICE	X																												OTS
115	WAREHOUSE																													OTS
121	RECEPTION	X																												8'-6"
122	BATHROOM																													8'-0"
123	OFFICE	X																												8'-6"
124	WAREHOUSE																													OTS
131	RECEPTION	X																												8'-6"
132	OFFICE	X																												8'-6"
133	BATHROOM																													8'-0"
134	WAREHOUSE																													OTS

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**OFFICE / WAREHOUSE
 NEW BUILDING**
 215 WEST 2675 NORTH
 LAYTON, UTAH

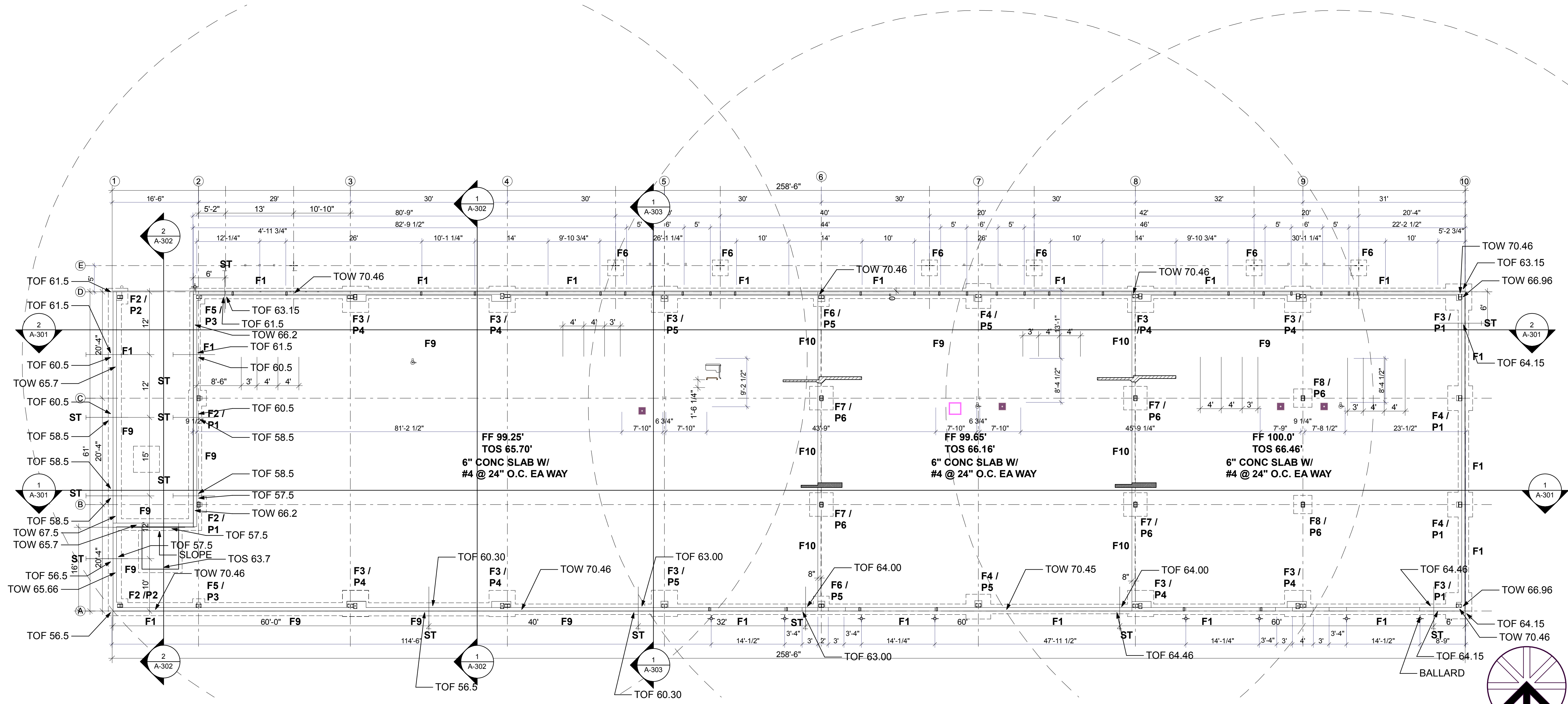
PROJECT NO:
 2130

SHEET TITLE:
**FINISH
 SCHEDULE**

SHEET NUMBER:
A-602

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1 FOOTING & FOUNDATION PLAN
SCALE: 1" = 10'

FOOTING SCHEDULE:

FTG NO.	FTG SIZE	REINFORCING	REMARKS
F1	2'-0" CONT 1'-0" (2) #4 CONT		
F2	1'-6" 1'-6" 1'-0" 8" O.C. EA WAY		
F3	5'-0" 5'-0" 1'-0" 8" O.C. EA WAY		
F4	4'-9" 4'-9" 1'-0" 8" O.C. EA WAY		
F5	2'-8" 2'-8" 1'-0" 8" O.C. EA WAY		
F6	3'-0" 3'-0" 1'-0" 8" O.C. EA WAY		
F7	4'-6" 4'-6" 1'-0" 8" O.C. EA WAY		
F8	3'-6" 3'-6" 1'-0" 8" O.C. EA WAY		
F9	2'-6" CONT 1'-0" (3) #4 CONT		
F10	8" CONT 1'-0" (2) #4 CONT		STEPPED SLAB

PILASTER SCHEDULE:

PIL NO.	PIL SIZE	REINFORCING	ANCH BOLT	REMARKS
P1	9" 8" 2'-0" (4) #4 VERT	(2) #3 TIES @ 12" MAX & (3) #3 W/IN TOP 1'	3/4" DIA	
P2	11" 10" 2'-0" (4) #4 VERT	(2) #3 TIES @ 12" MAX & (3) #3 W/IN TOP 1'	5/8" DIA	
P3	11" 8" 2'-0" (4) #4 VERT	(2) #3 TIES @ 12" MAX & (3) #3 W/IN TOP 1'	3/4" DIA	
P4	1'-1" 3'-1" 2'-0" (10) #5 VERT	(2) #3 TIES @ 12" MAX & (3) #3 W/IN TOP 1'	3/4" DIA	
P5	1'-1" 8" 2'-0" (4) #4 VERT	(2) #3 TIES @ 12" MAX & (3) #3 W/IN TOP 1'	3/4" DIA	
P6	8" 8" 1'-0" (4) #4 VERT	(2) #3 TIES @ 12" MAX & (3) #3 W/IN TOP 1'	3/4" DIA	

ANCHOR BOLT SCHEDULE:

ANCH BOLT	EMBED DEPTH	REMARKS
1/2" DIA	6"	
5/8" DIA	8"	
3/4" DIA	12"	
1" DIA	14"	
1 1/4" DIA	16"	

NOTE:
6" CONC FLOOR SLAB W/ #4 @ 24" O.C. EA WAY
5/8" ANCHOR BOLT W/ 3" SQ WASHER ON TREATED PLATE
CONTINUOUS FOOTING 24" X 10" W/ (2) #4
REFER TO ANCHOR BOLT PLAN FROM CO BUILDING SYSTEMS FOR LAYOUT OF BASE PLATES AND ANCHOR BOLTS

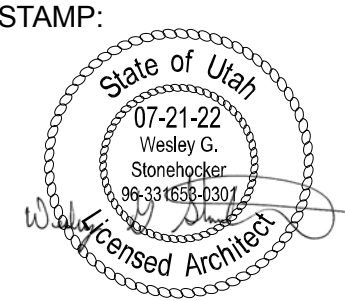
ST — STEP IN FOOTING AND FOUNDATION SEE CIVIL DRAWINGS

TOF - TOP OF FOOTING
TOS - TOP OF SLAB
TOW - TOP OF WALL

FOUNDATION WALL SCHEDULE:

PIL NO.	WALL	HT	VERT REINFORCING	HORIZ REINFORCING	REMARKS
W1	8" CONT	LESS THEN 9'-0"	#4 VERT @ 24" O.C.	#4 HORIZ @ 24" O.C.	
W2	8" CONT	MORE THEN 9'-0"	#4 VERT @ 18" O.C.	#4 HORIZ @ 18" O.C.	

RIDGELINE DESIGN ARCHITECTS
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SOUTH OGDEN, UT 84403
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DATE: 6-17-2021
REVISION:

**OFFICE / WAREHOUSE
NEW BUILDING**
215 WEST 2675 NORTH
LAYTON, UTAH

PROJECT NO:
2130

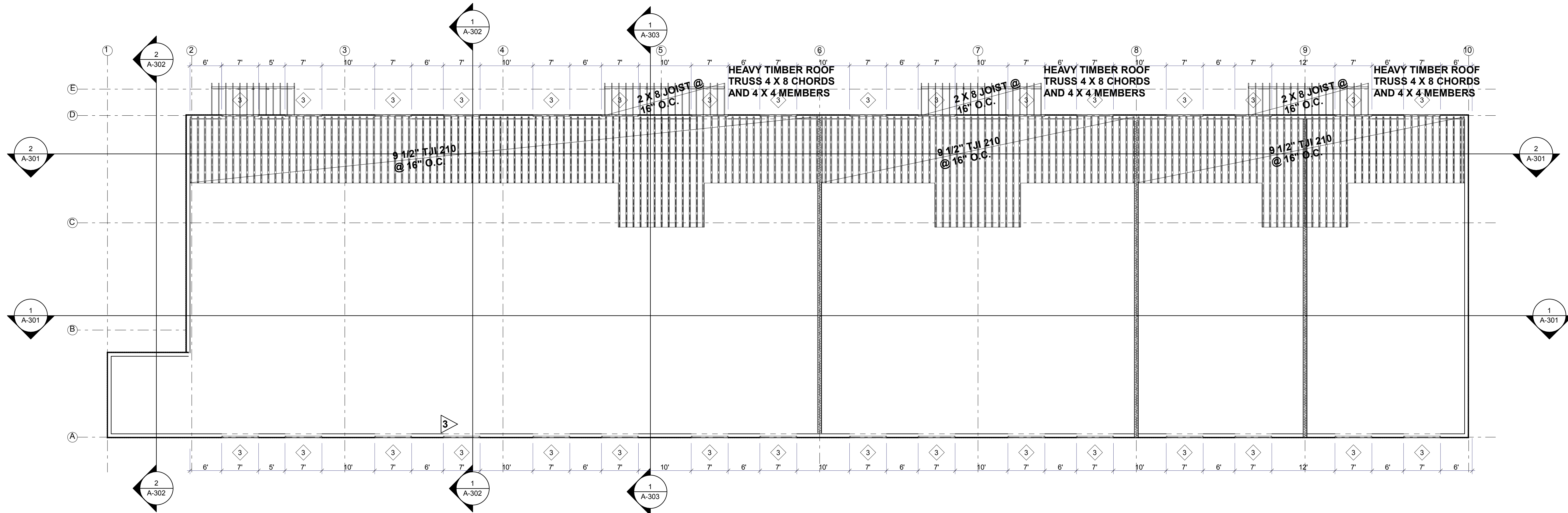
SHEET TITLE:
**1. FOOTING &
FOUNDATION
PLAN**

SHEET NUMBER:

S-101

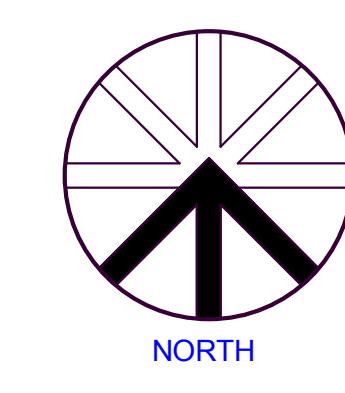
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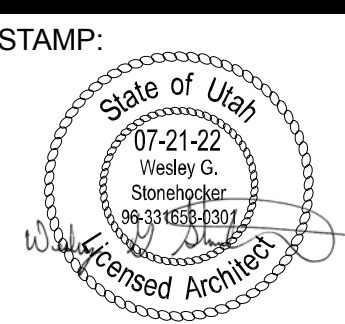


1
S-102 FLOOR AND LOW ROOF FRAMING PLAN
SCALE: 1" = 10'

NOTE:
 3/4" FLOOR SHEATHING W/ 10(d) @ 6,6,12
 SIMPSON H1's OR EQUAL @ EACH JOIST
 7/16 ROOF SHEATHING W/ 8(d) @ 6,6,12
 ROOF TRUSSES @ 24" O.C.



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DATE: 6-17-2021
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**OFFICE / WAREHOUSE
 NEW BUILDING**
 215 WEST 2675 NORTH
 LAYTON, UTAH

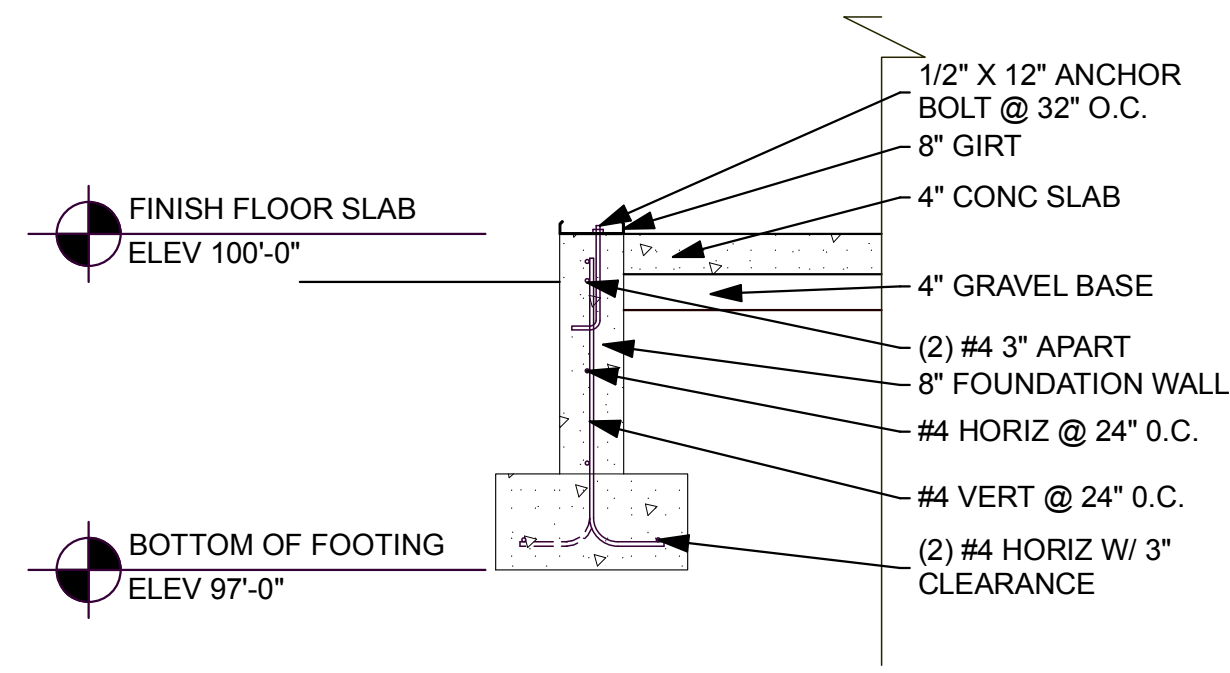
PROJECT NO:
 2130

SHEET TITLE:
 Structural
 framing Plan

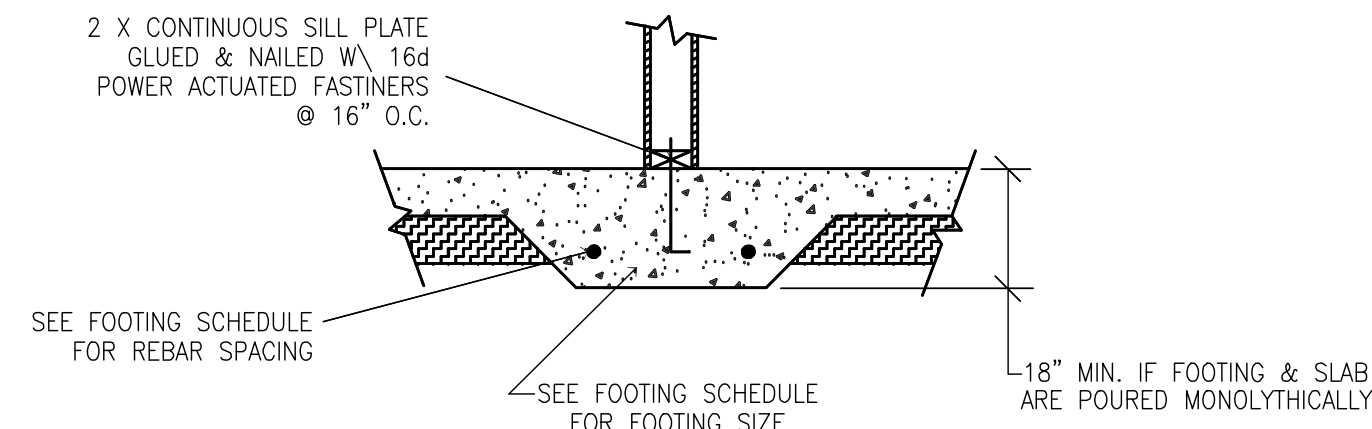
SHEET NUMBER:
S-102

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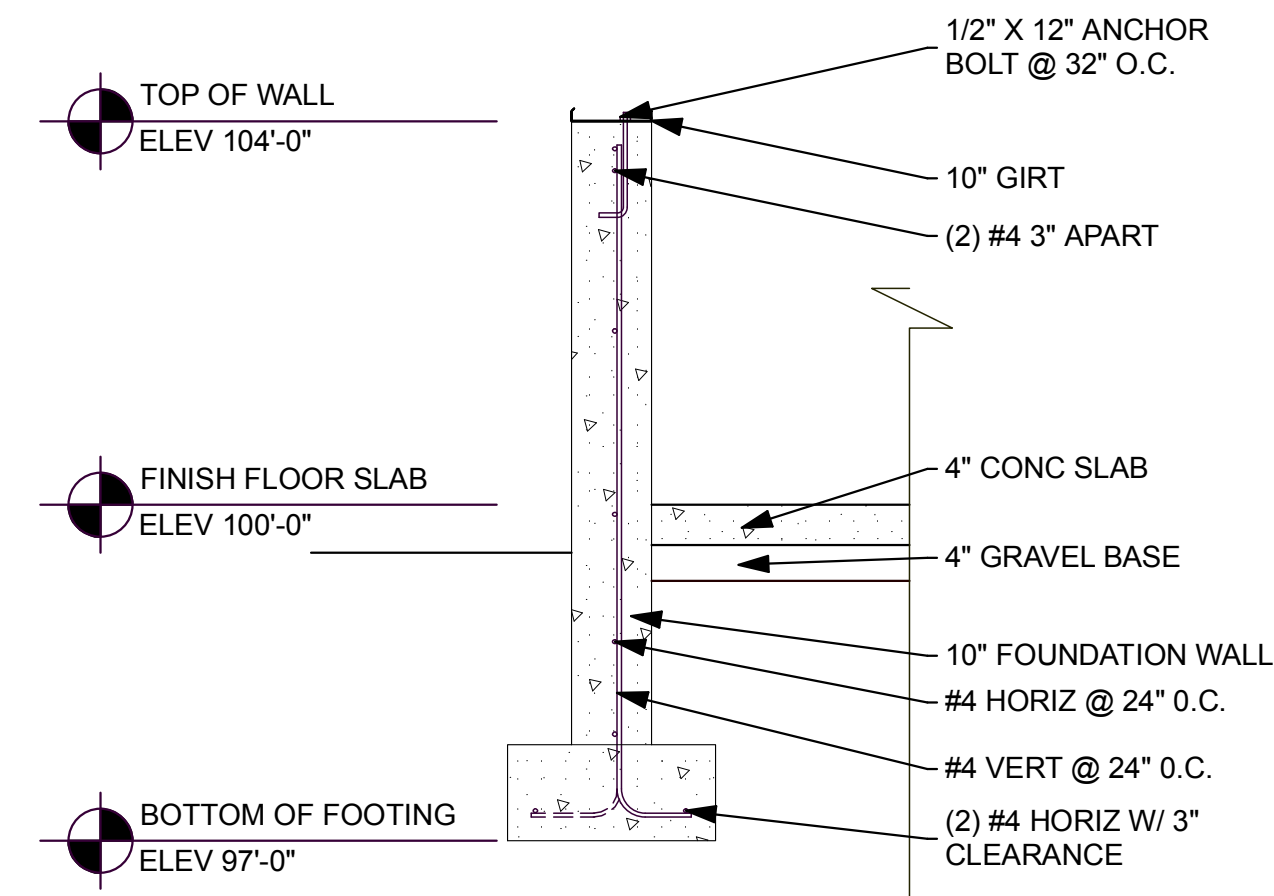
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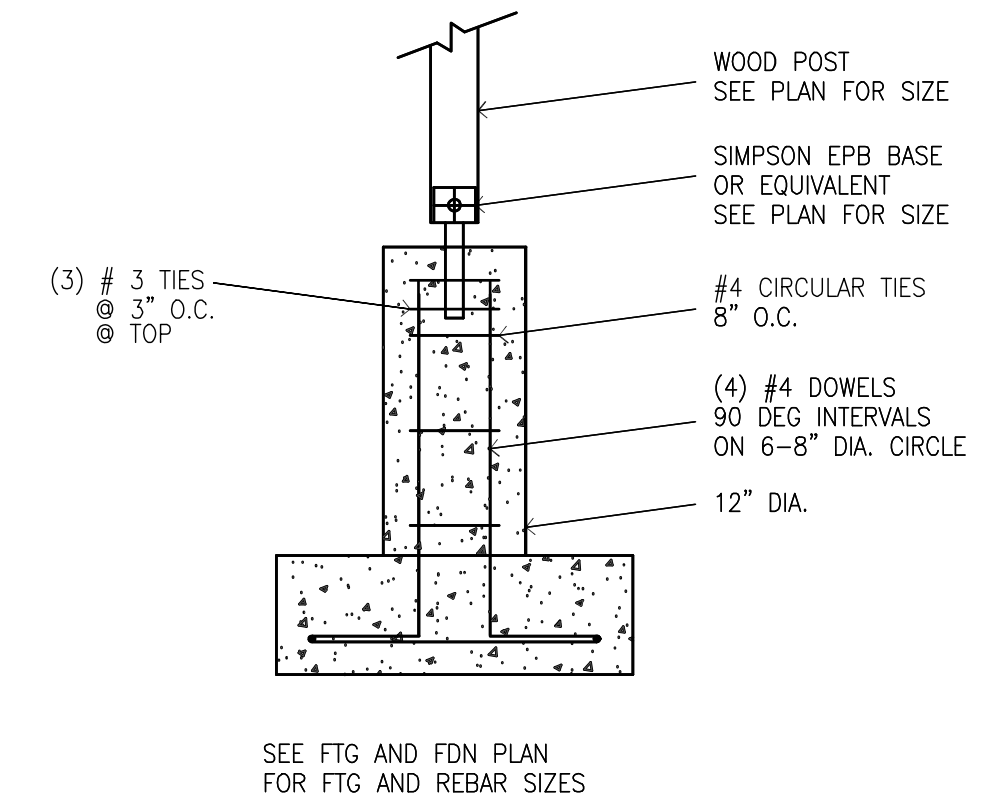
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S-103 NOT TO SCALE



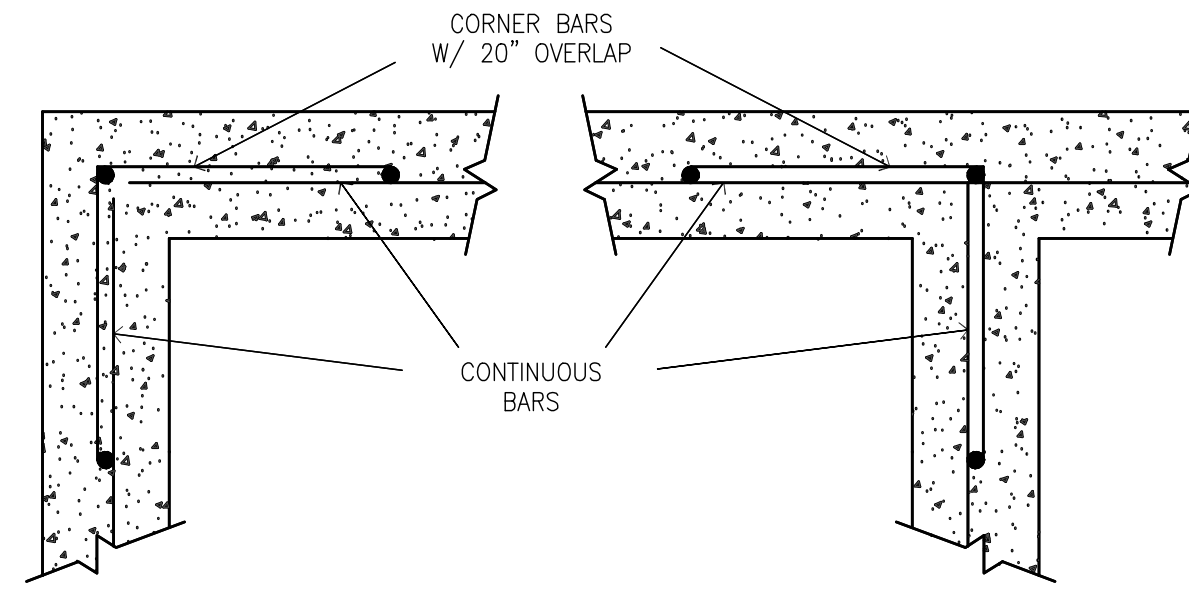
2 THICKENED SLAB DETAIL
S-103 NOT TO SCALE



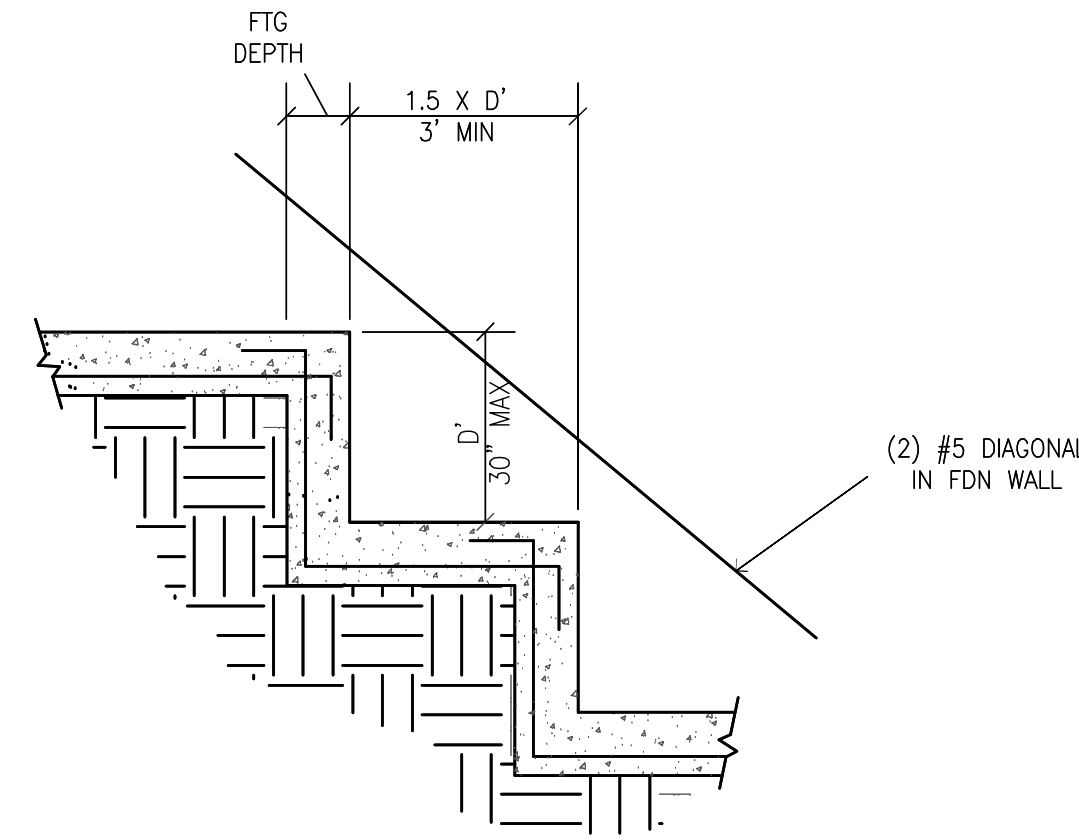
3 FOOTING & FOUNDATION DETAIL
S-103 NOT TO SCALE



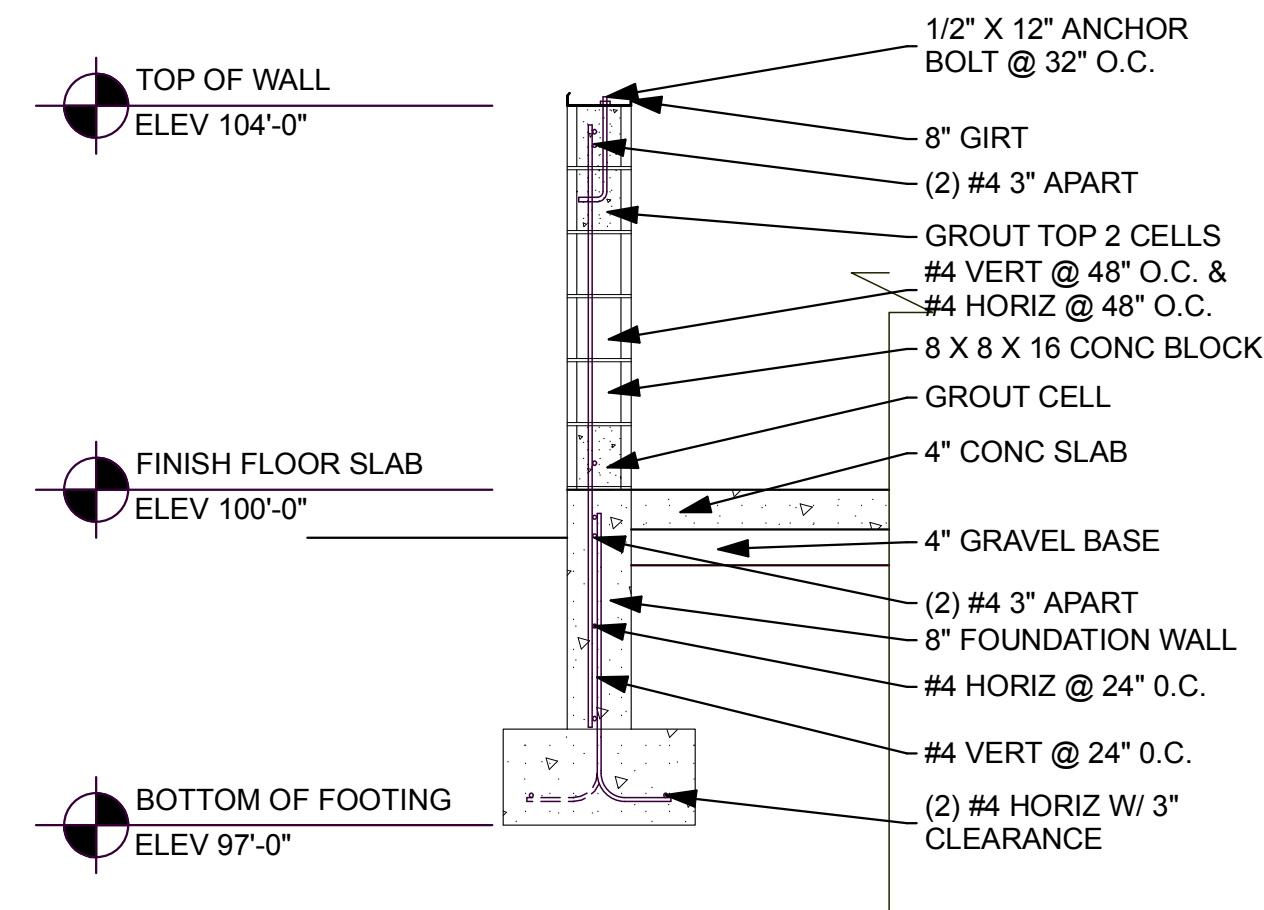
4 PEDESTAL DETAIL
S-103 NOT TO SCALE



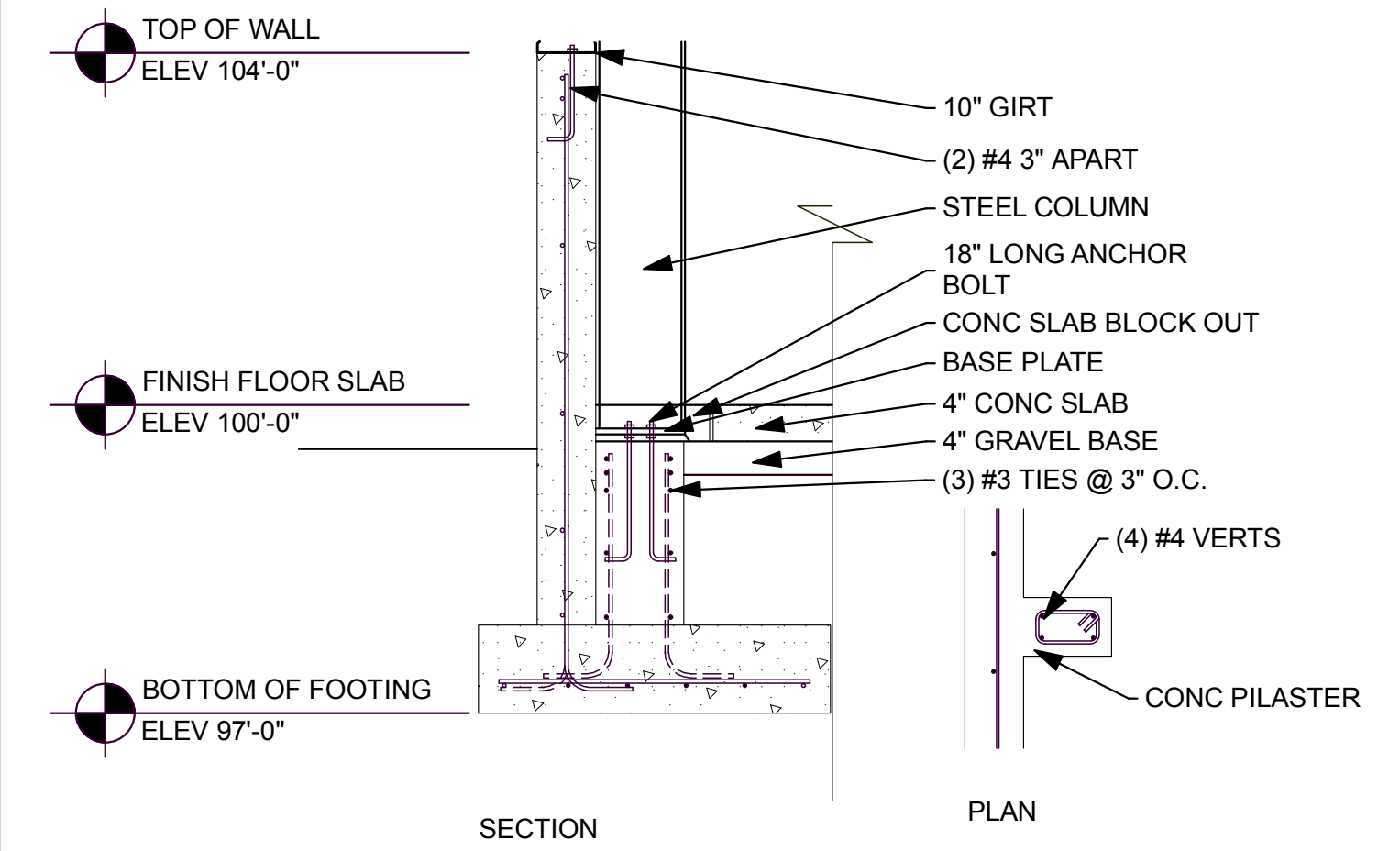
5 CORNER/INTERSECTION DETAIL
S-103 NOT TO SCALE



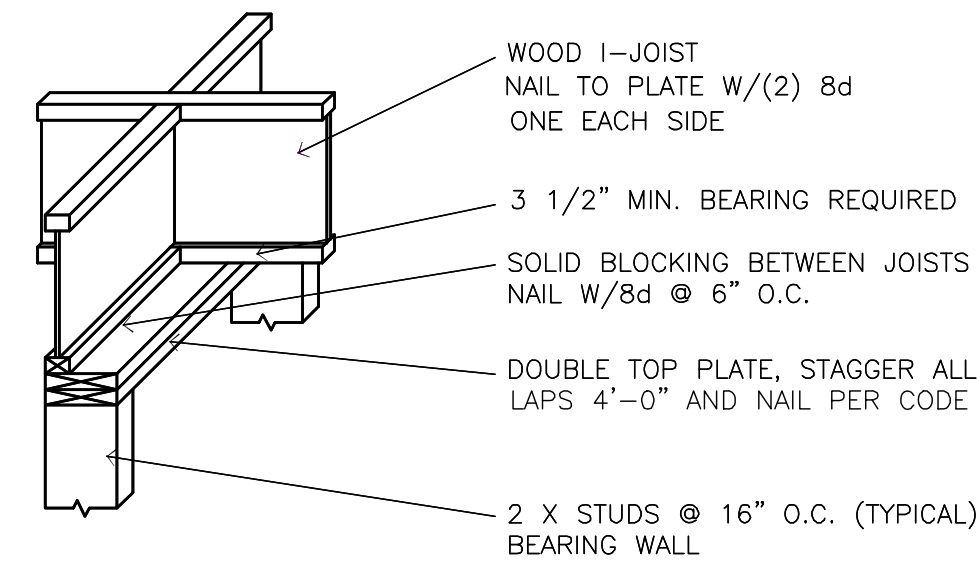
6 STEPPED FOOTING DETAIL
S-103 NOT TO SCALE



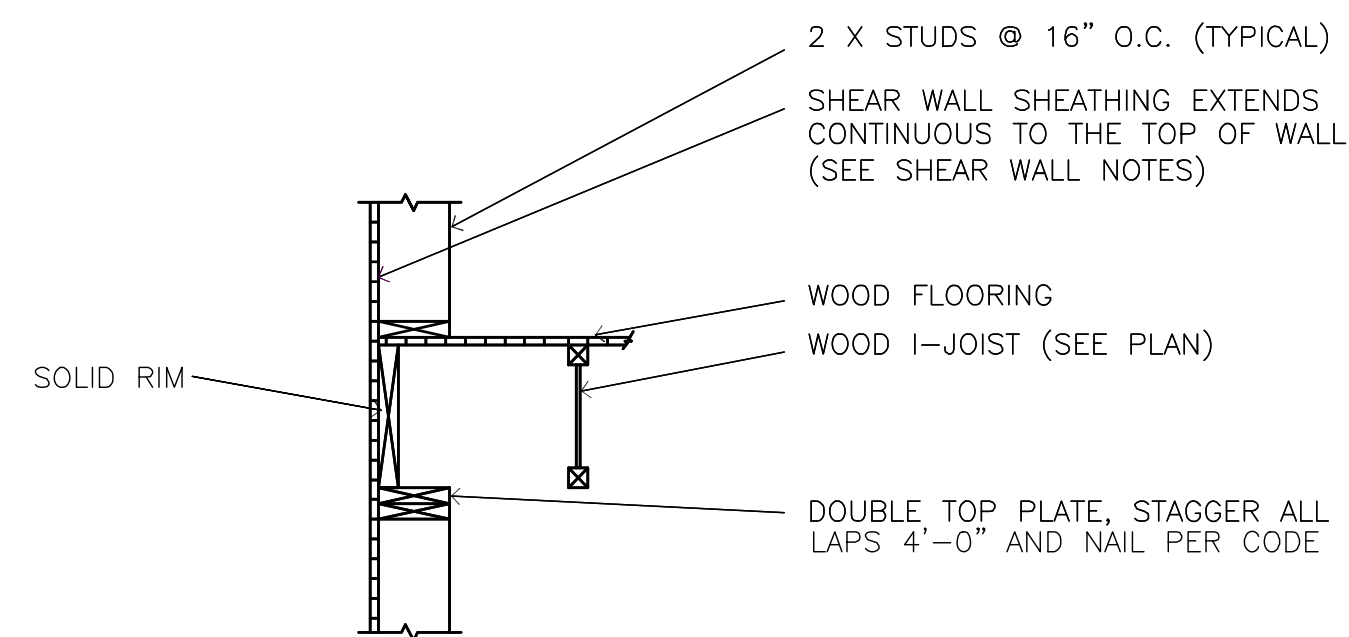
4 FOOTING & FOUNDATION DETAIL
S-103 NOT TO SCALE



5 PILASTER DETAIL
S-103 NOT TO SCALE



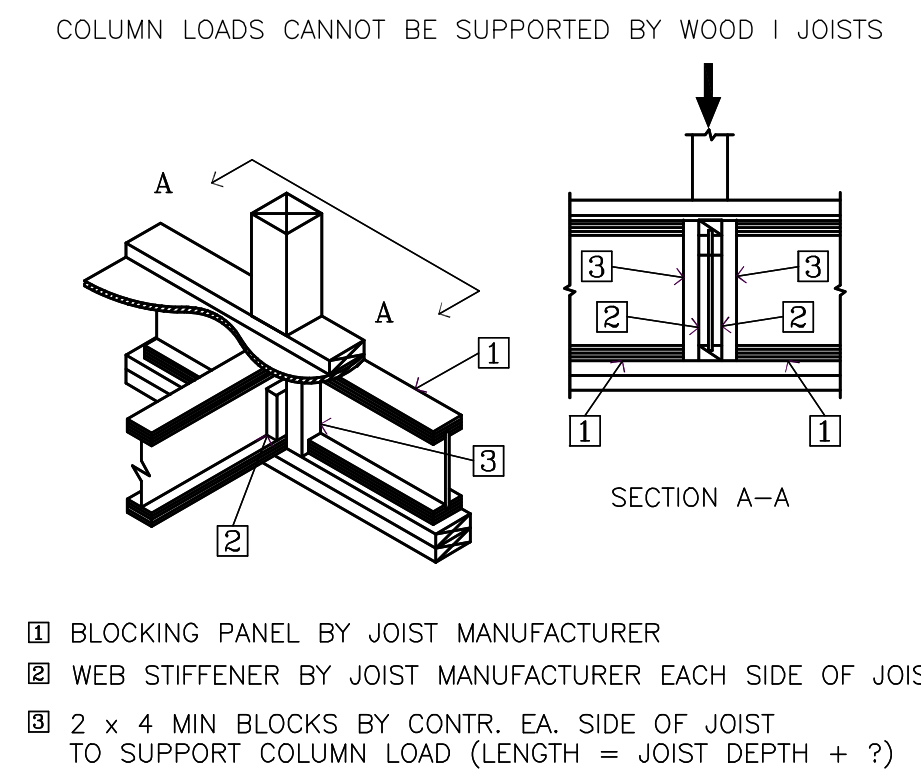
9 WOOD I JOIST DETAIL
S-103 NOT TO SCALE



10 WOOD I JOIST DETAIL
S-103 NOT TO SCALE

NOT USED

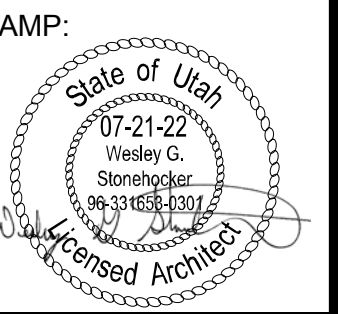
11 FLOOR-TO-FLOOR TIE
S-103 NOT TO SCALE



12 SOLID BLOCKING DETAIL
S-103 NOT TO SCALE

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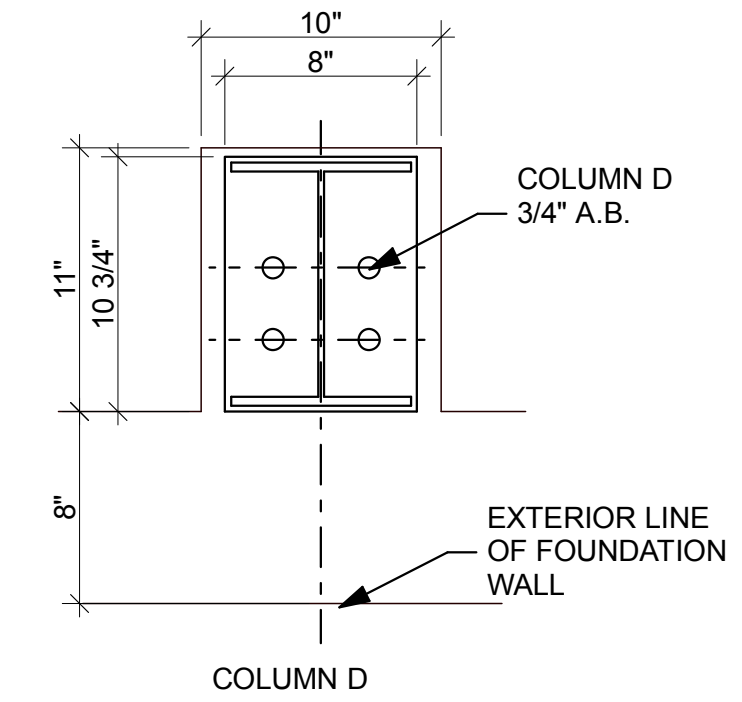
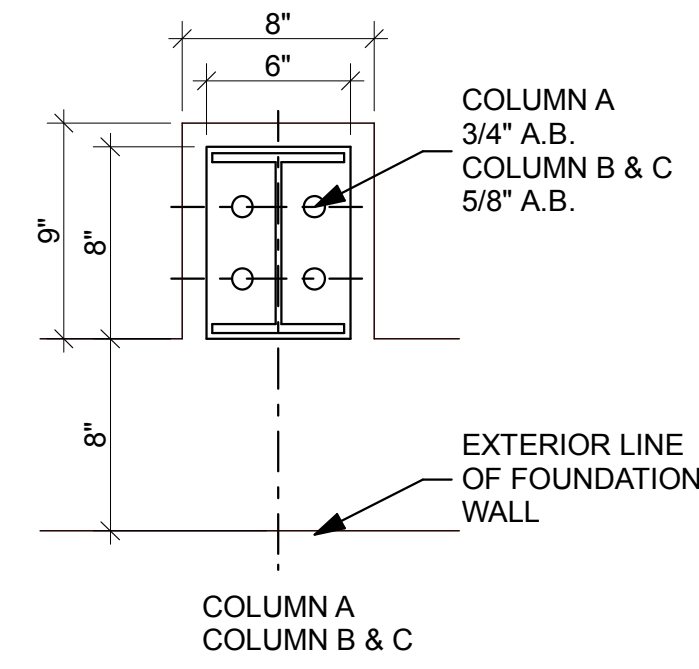
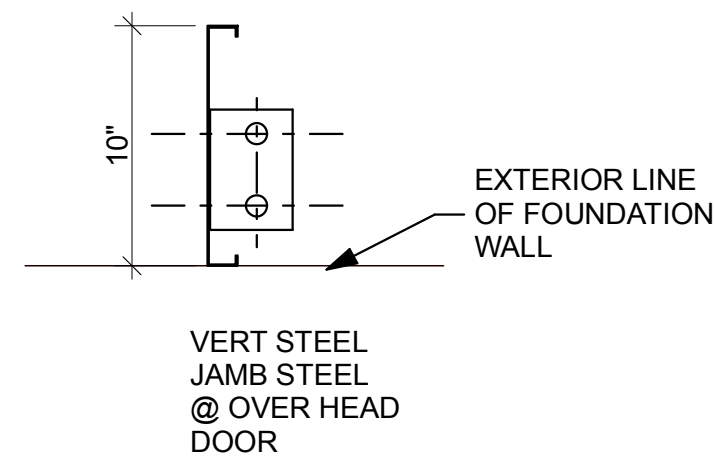
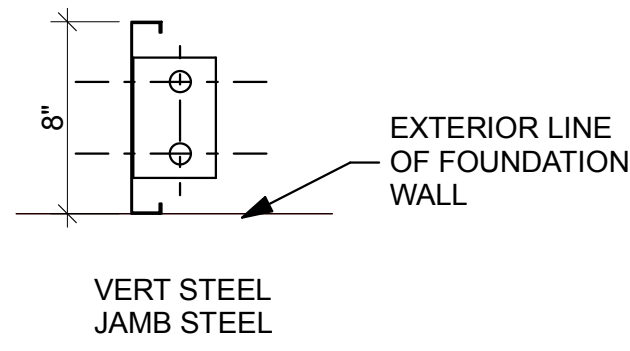
PROJECT NO:
2130

SHEET TITLE:
FOOTING &
FOUNDATION
DETAILS

SHEET NUMBER:
S-103

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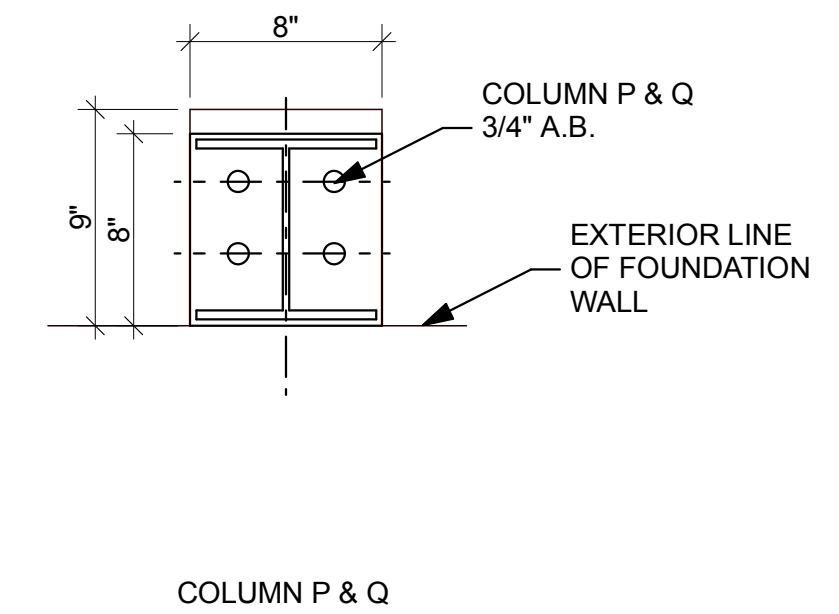
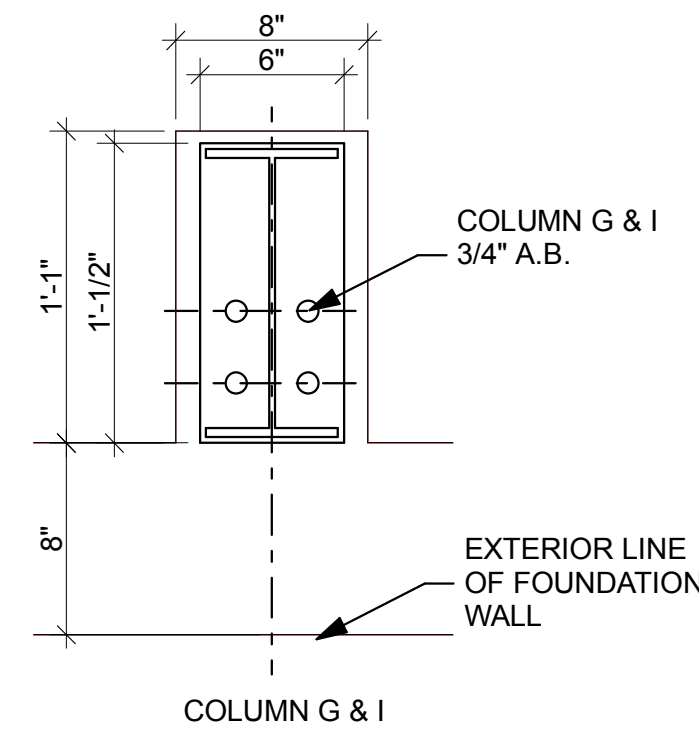
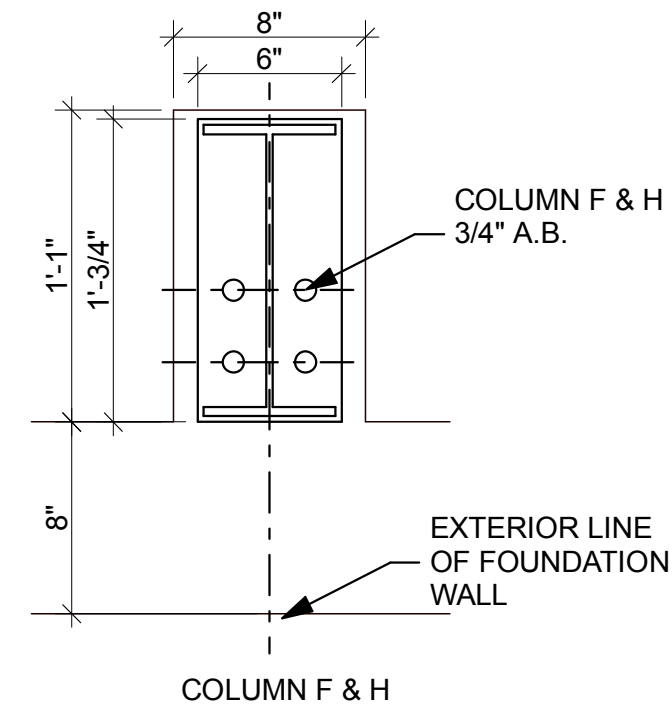
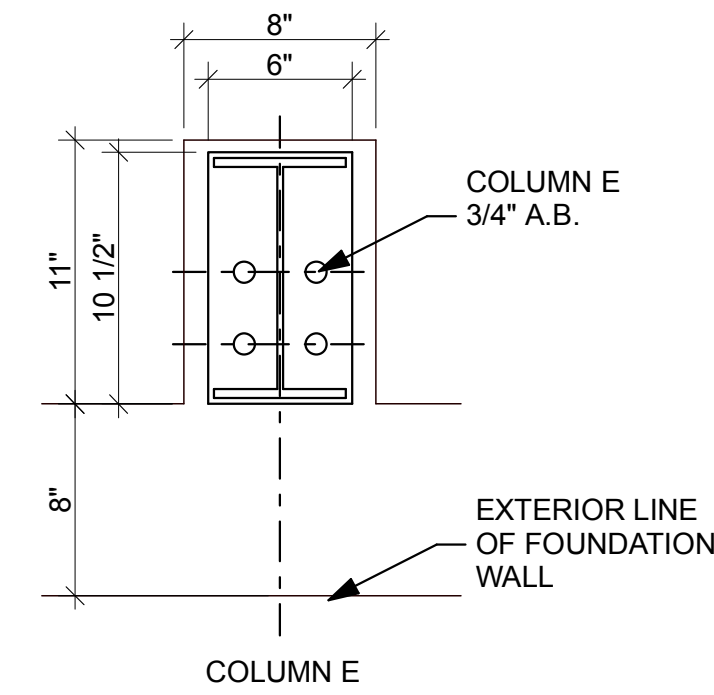


1 OPENING JAMB STEEL
S-104 NOT TO SCALE

2 OPENING JAMB STEEL
S-104 NOT TO SCALE

3 PILASTER AND COLUMN DETAIL
S-104 NOT TO SCALE

4 PILASTER AND COLUMN DETAIL
S-104 NOT TO SCALE

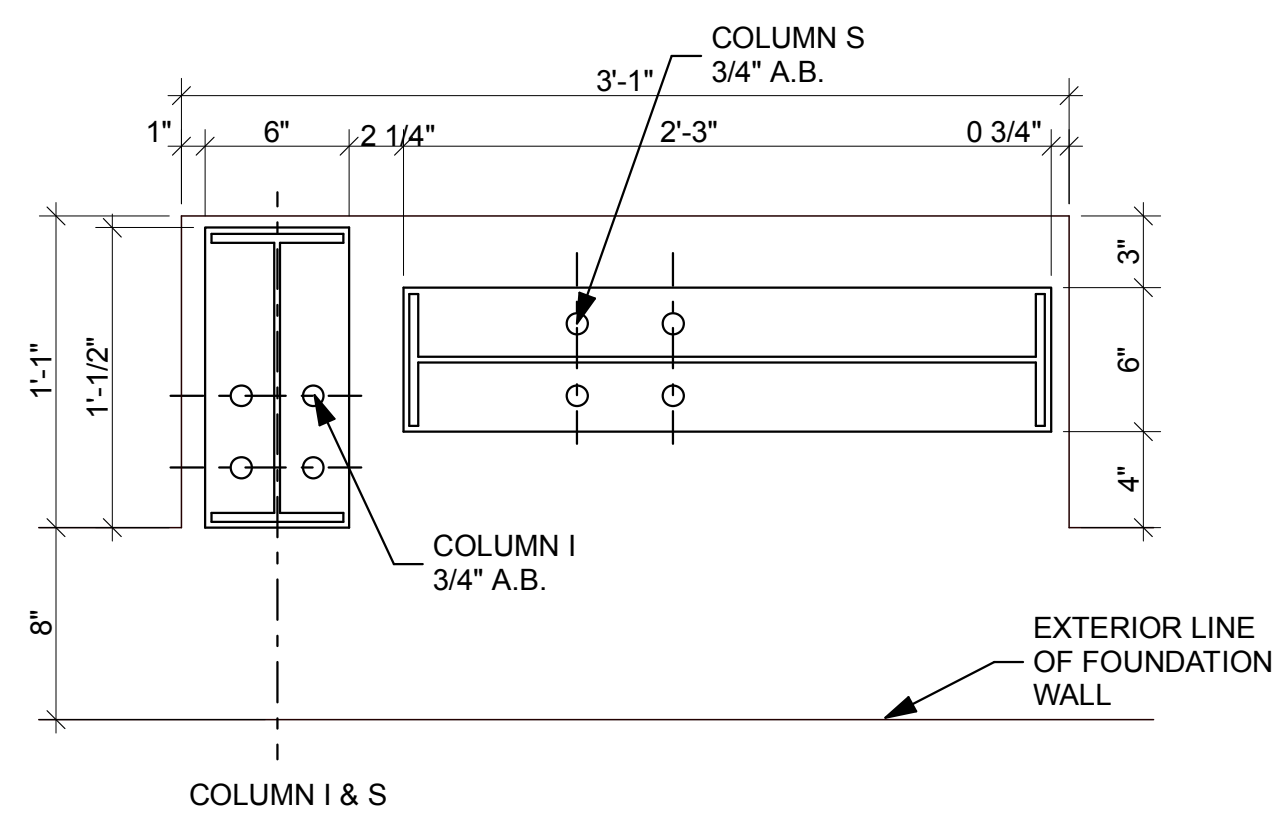
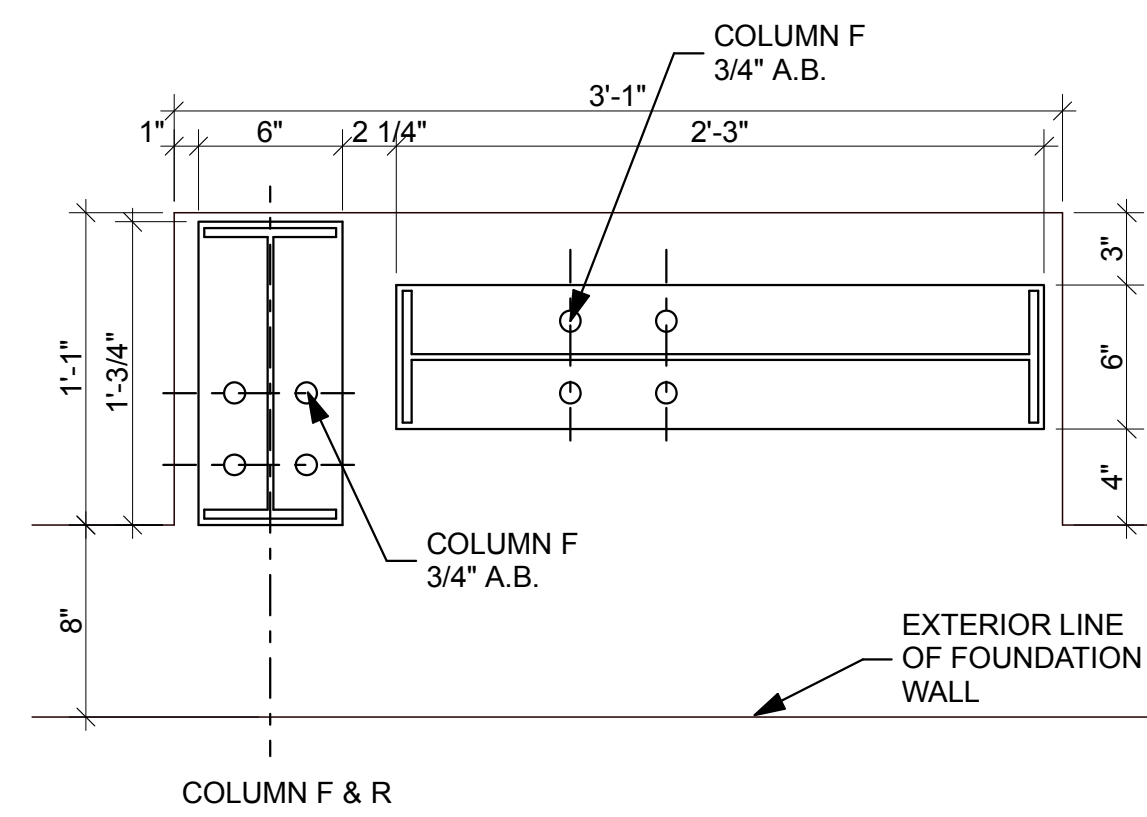


5 PILASTER AND COLUMN DETAIL
S-104 NOT TO SCALE

6 PILASTER AND COLUMN DETAIL
S-104 NOT TO SCALE

7 PILASTER AND COLUMN DETAIL
S-103 NOT TO SCALE

8 PILASTER AND COLUMN DETAIL
S-104 NOT TO SCALE



NOT USED

NOT USED

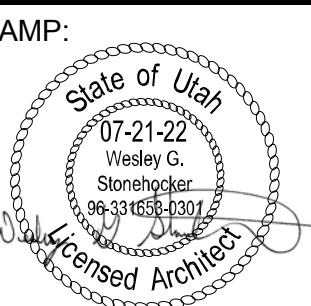
9 PILASTER AND COLUMN DETAIL
S-104 NOT TO SCALE

10 PILASTER AND COLUMN DETAIL
S-104 NOT TO SCALE

11
S-103 NOT TO SCALE

12
S-104 NOT TO SCALE

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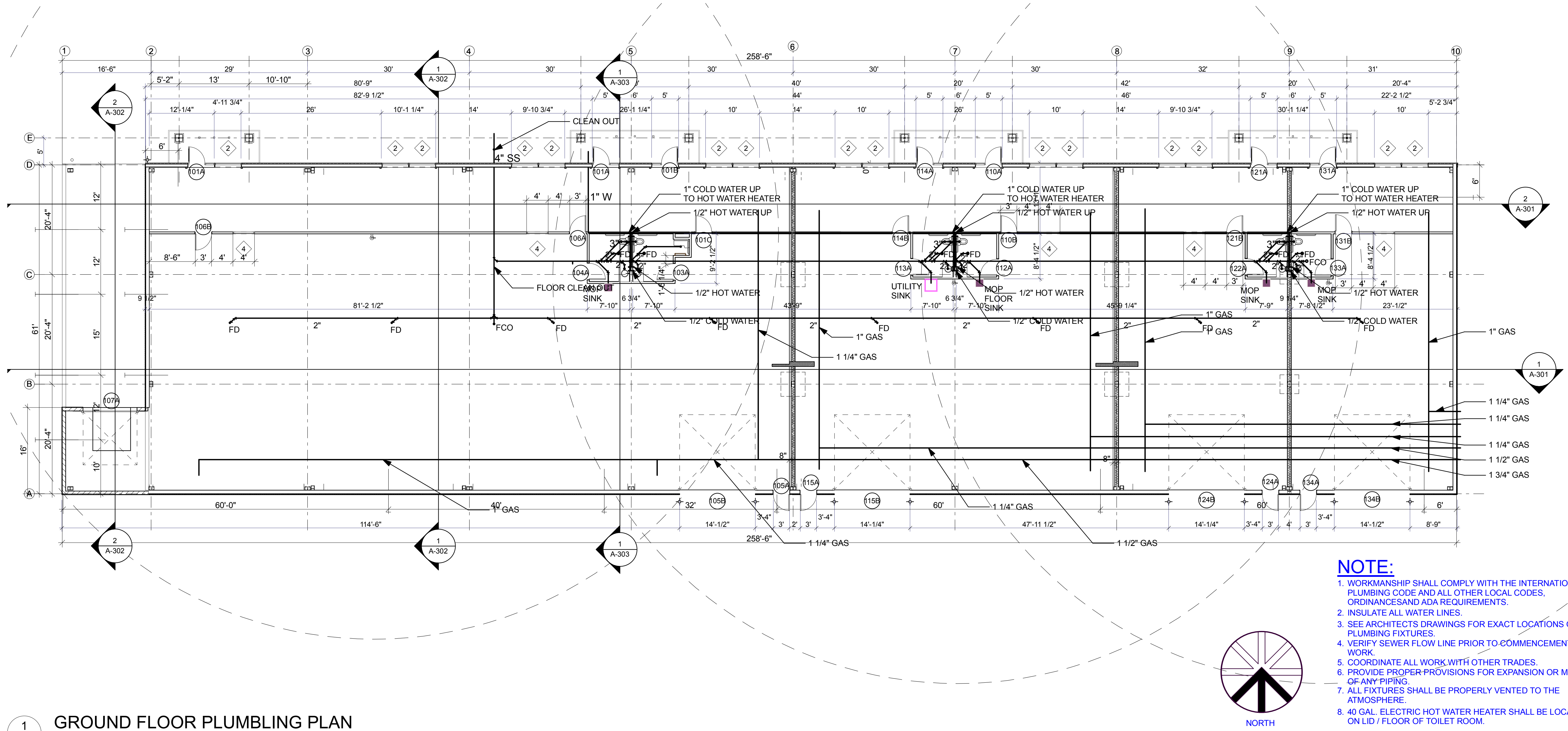
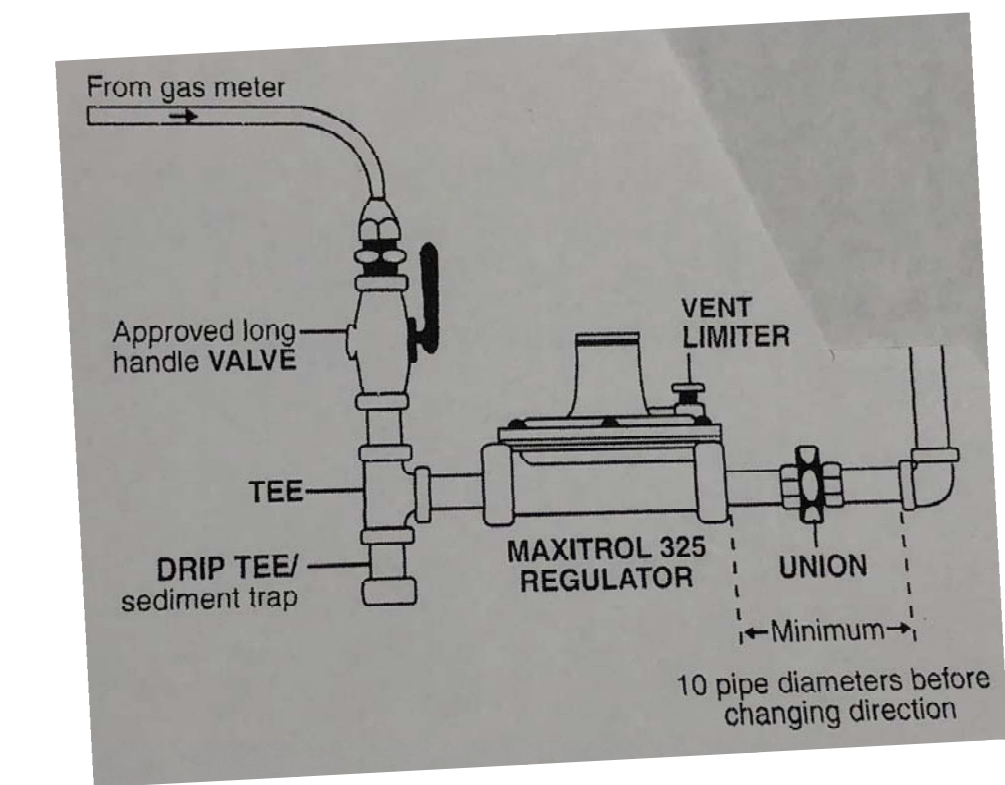
SHEET TITLE:
**FRAMING
DETAILS**

SHEET NUMBER:

S-104

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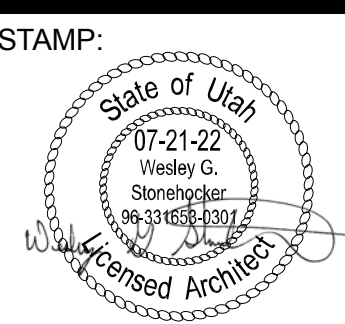


- NOTE:**
1. WORKMANSHIP SHALL COMPLY WITH THE INTERNATIONAL PLUMBING CODE AND ALL OTHER LOCAL CODES, ORDINANCES AND ADA REQUIREMENTS.
 2. INSULATE ALL WATER LINES.
 3. SEE ARCHITECTS DRAWINGS FOR EXACT LOCATIONS OF ALL PLUMBING FIXTURES.
 4. VERIFY SEWER FLOW LINE PRIOR TO COMMENCEMENT OF WORK.
 5. COORDINATE ALL WORK WITH OTHER TRADES.
 6. PROVIDE PROPER PROVISIONS FOR EXPANSION OR MOVEMENT OF ANY PIPING.
 7. ALL FIXTURES SHALL BE PROPERLY VENTED TO THE ATMOSPHERE.
 8. 40 GAL. ELECTRIC HOT WATER HEATER SHALL BE LOCATED ON LID / FLOOR OF TOILET ROOM.

- MATERIAL NOTE:**
1. WATER SUPPLY - TYPE L PEX (HOT AND COLD WATER).
 2. WASTE AND VENT - SCHEDULE 40 PVC OR ABS BWV.

1
P-101
GROUND FLOOR PLUMBING PLAN
SCALE: 1" = 10'

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2130

SHEET TITLE:
**GROUND
FLOOR
PLUMBING
PLAN**

SHEET NUMBER:

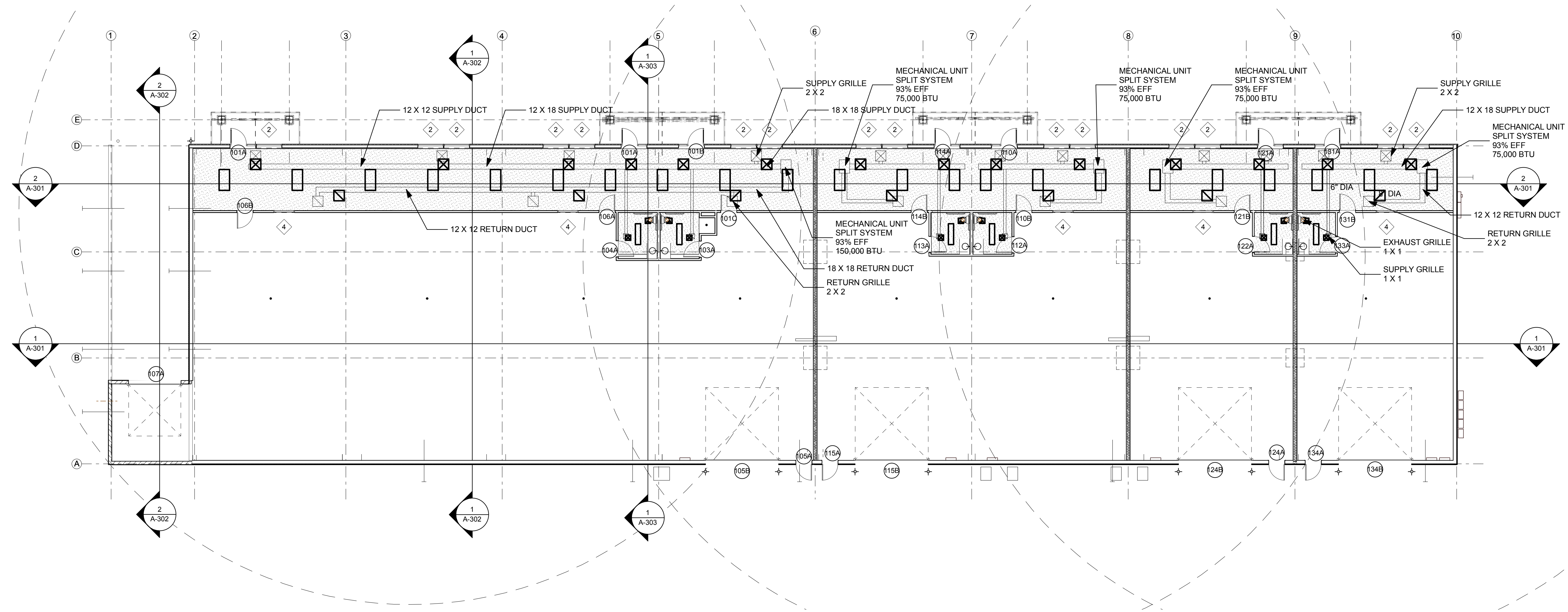
P-101

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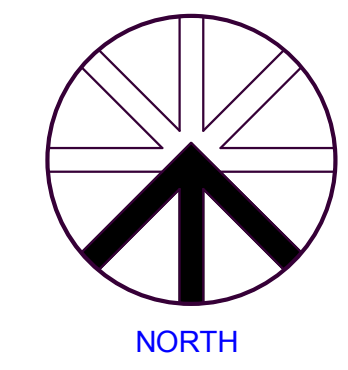
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MECHANICAL NOTES:

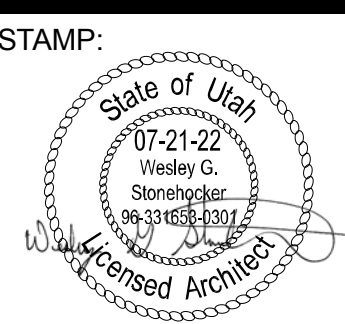
1. ALL WORK PROVIDED BY DIVISION 15 SHALL BE IN ACCORDANCE WITH 2015 IMC & IBC
2. DUCTWORK ROUTING AS SHOWN ON DRAWINGS IS DIAGRAMMATIC ONLY. OFFSETS AND TRANSITIONS MAY BE REQUIRED TO COORDINATE WITH OTHER TRADES AND SHALL BE PROVIDED AT NO ADDITIONAL COST.
3. MAIN DUCTWORK SHALL BE CONSTRUCTED OF GALVANIZED SHEET METAL ACCORDING TO SMACNA STANDARDS. FIBERGLASS DUCTBOARD WILL NOT BE ALLOWED.
4. THERMSTATS SHALL BE PROGRAMMABLE



1 MAIN FLOOR MECHANICAL PLAN
 M-101 SCALE: 1" = 10'



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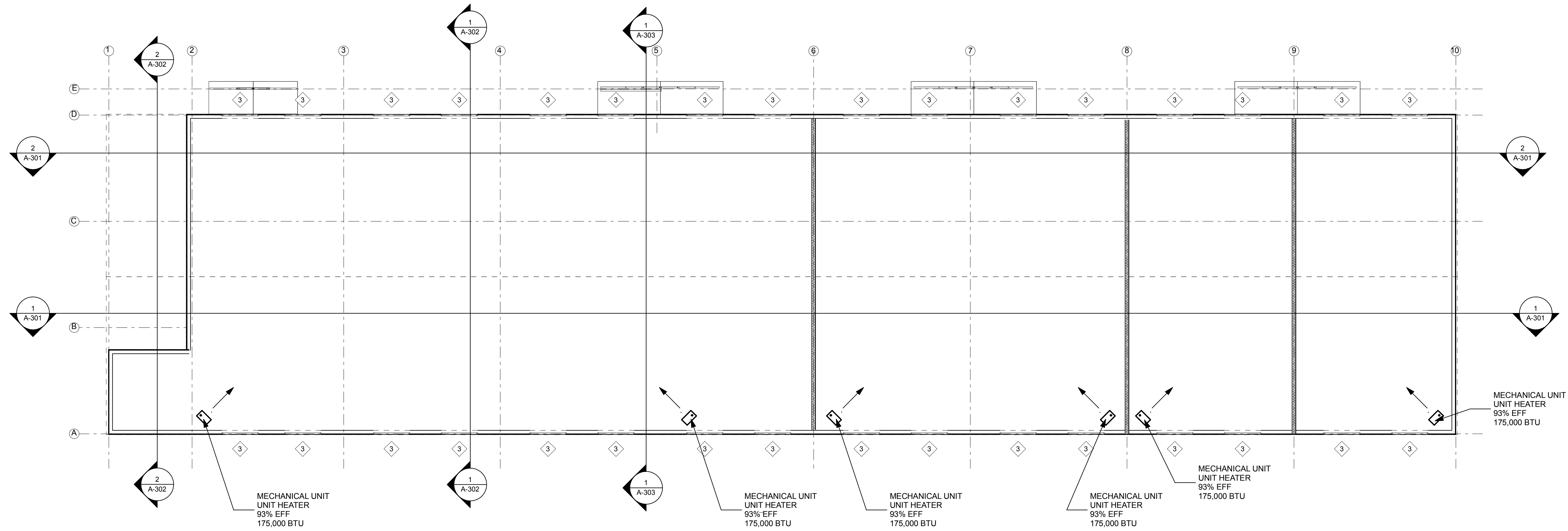
PROJECT NO:
 2130

SHEET TITLE:
**GROUND
 FLOOR
 MECHANICAL
 PLAN**

SHEET NUMBER:
M-101

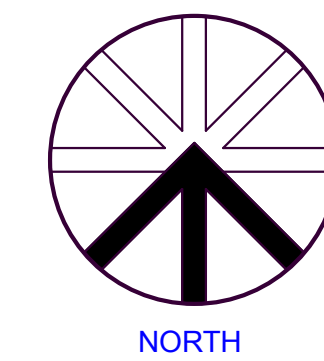
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1
M-102 SCALE: 1" = 10'

SECOND FLOOR MECHANICAL PLAN

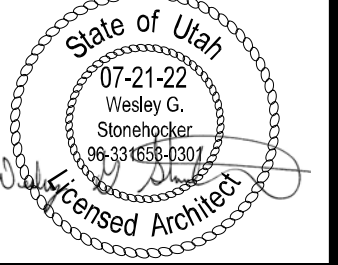


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SHEET TITLE:
**SECOND
FLOOR
MECHANICAL
PLAN**

SHEET NUMBER:

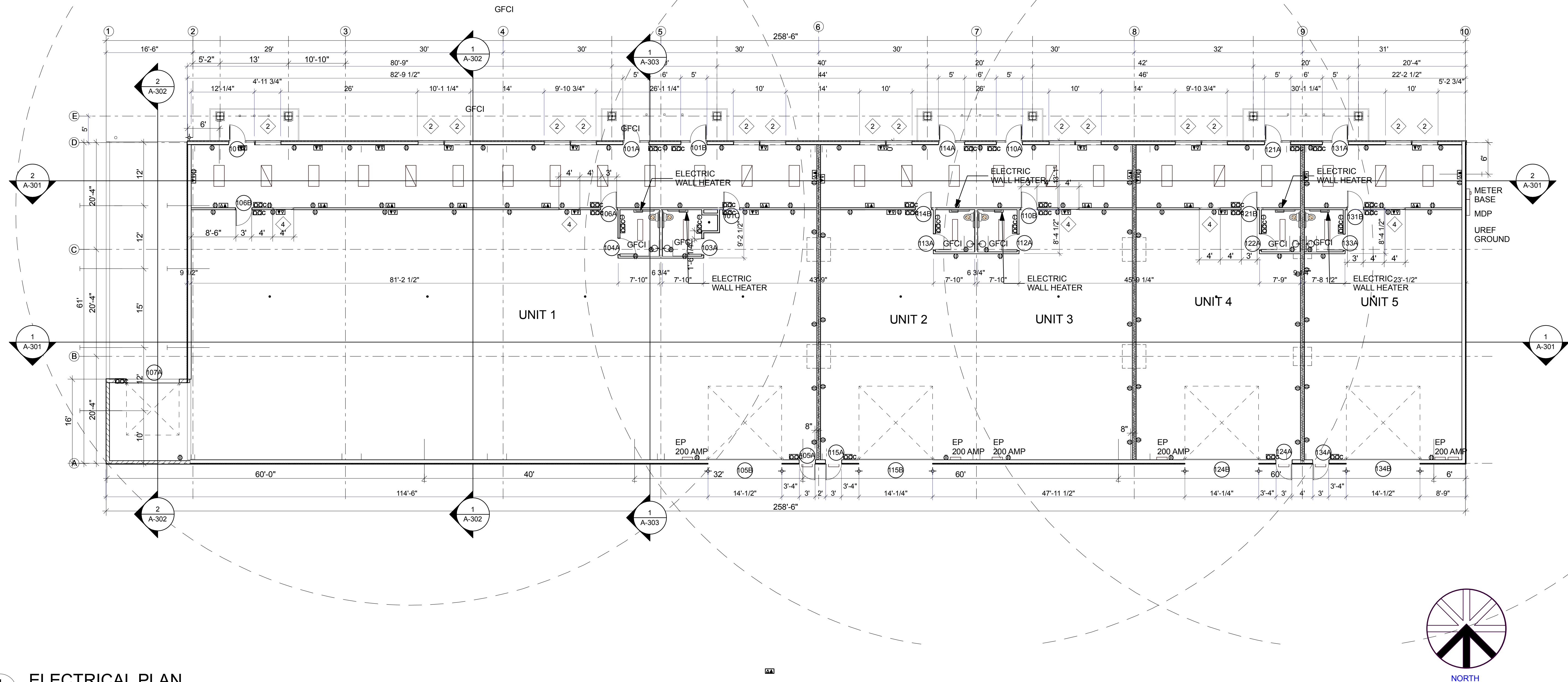
M-102

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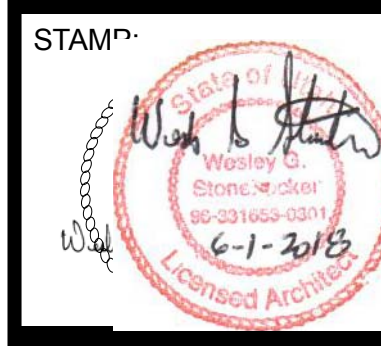
NOTE:

- | | | | | | |
|--|--|--|--|--|---------------------------------|
| | 2 X 4 LAY IN LED FIXTURE | | LIGHT FIXTURE OVER MIRROR IN RESTROOMS | | OCCUPANCY SENSOR |
| | 2 X 4 LAY IN LED FIXTURE W/ EMERGENCY BATTERY BACKUP | | SUSPENDED MOUNTED LED FIXTURE | | DUPLEX OUTLET |
| | 1 X 4 SURFACE MOUNTED LED FIXTURE | | PENDENT MOUNTED LED FIXTURE | | FOURLEX OUTLET |
| | 1 X 4 SURFACE MOUNTED LED FIXTURE W/ EMERGENCY BATTERY | | CEILING SUPPLY CEILING DIFFUSER | | SWITCH |
| | LED CAN LIGHT MOUNTED IN DRYWALL CEILING | | CEILING RETURN CEILING DIFFUSER | | PHONE AND DATA OUTLET |
| | LED CAN FIXTURE W/ EMERGENCY BATTERY BACKUP | | CEILING EXHAUST CEILING DIFFUSER | | ELECTRIC WALL HEATER THERMOSTAT |
| | LED CAN FIXTURE | | | | |



1
E-101
SCALE: 1" = 10'

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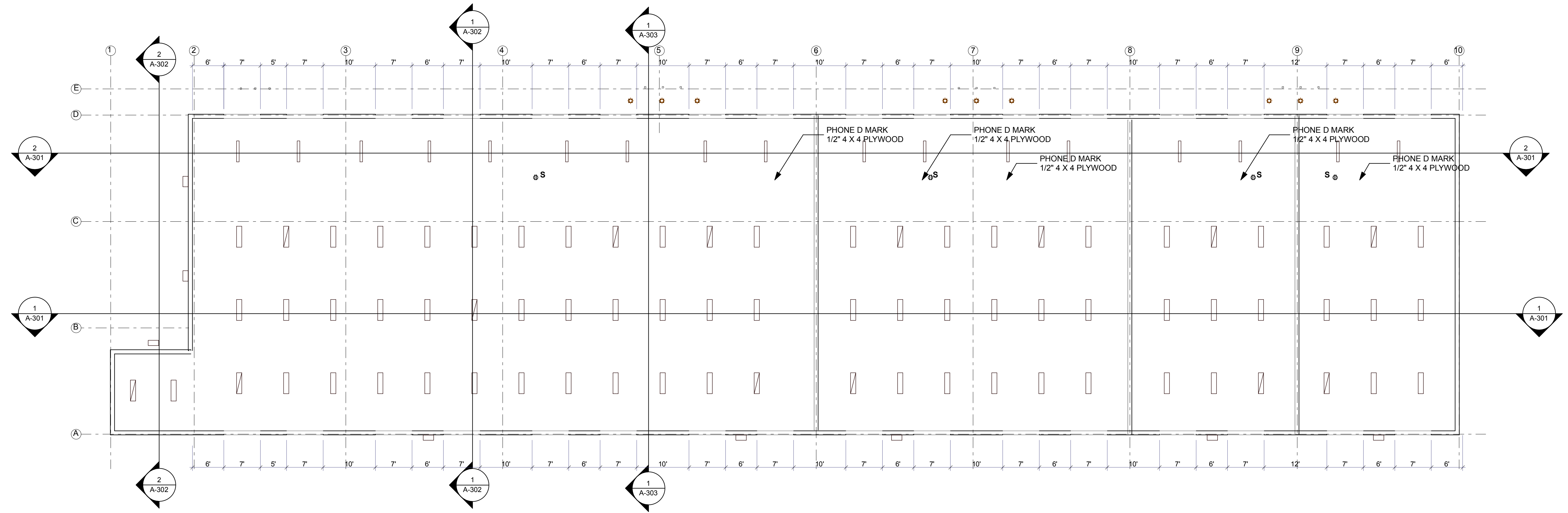
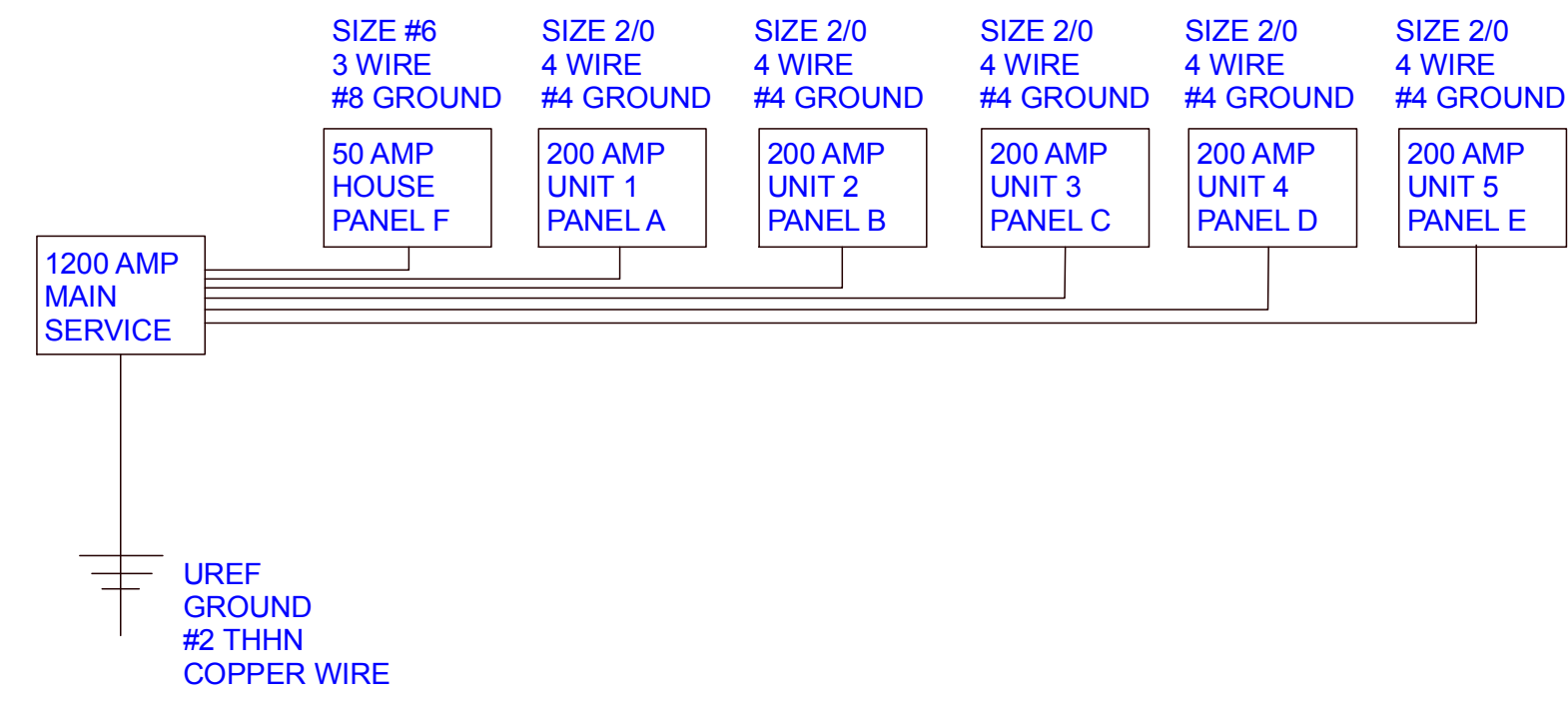
PROJECT NO:
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SHEET TITLE:
 GROUND
 FLOOR
 ELECTRICAL
 PLAN

SHEET NUMBER:
E-101

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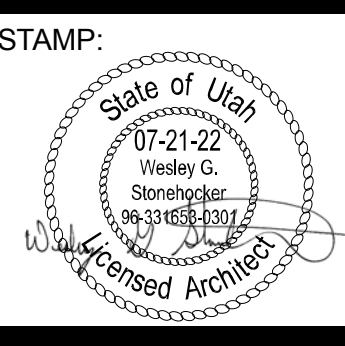
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1
E-102
SCALE: 1" = 10'



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SHEET TITLE:
**SECOND
 FLOOR
 LIGHTING
 PLAN**

SHEET NUMBER:
E-102

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