

No.	Revisions	Date

VERSION 3.0

AL ARANDA

-

COVER SHEET

Project number	-
Date	1/6/20
Drawn by	MF
Checked by	JD

G001

Scale
4/3/2020 9:29:36 AM



PROJECT CODE ANALYSIS

OCCUPANCY CLASSIFICATION (IBC 2015 - SECTION 311)
NEW BUILDING S-2 - STORAGE

CONSTRUCTION TYPE (IBC 2015 - TABLE 601)
NEW BUILDING II-B

ALLOWABLE AREA (IBC 2015 - TABLE 506)

	TYPE	ALLOWABLE	TOTAL
ALLOWABLE S.F.:	S-2		
	TOTAL		

OCCUPANCY LOAD (IBC 2015 - TABLE 1004.1.2)

ADDITION / ALTERATION	SF	FACTOR	OCCUPANCY
ACCESSORY STORAGE / MECHANICAL BUSINESS AREAS			
BREAKROOM, CORRIDOR, RESTROOM			
WAREHOUSE			

TOTAL

MECHANICAL SUB-CONTRACTOR

LICENSE NUMBER: _____

COMPANY NAME: _____

PHONE NUMBER: _____

ELECTRICAL SUB-CONTRACTOR

LICENSE NUMBER: _____

COMPANY NAME: _____

PHONE NUMBER: _____

PLUMBING SUB-CONTRACTOR

LICENSE NUMBER: _____

COMPANY NAME: _____

PHONE NUMBER: _____

INDEX OF DRAWINGS

CIVIL		STRUCTURAL		ARCHITECTURAL		MEP	
G002	TEXAS ACCESSIBILITY STANDARDS	S101	FOUNDATION PLAN	A101	FLOOR PLAN	RCP101	REFLECTIVE CEILING PLAN
		S102	FOUNDATION DETAILS PLAN	A102	DIMENSIONS PLAN	M101	MECHANICAL PLAN
		S201	STRUCTURAL PLAN	A103	DIMENSIONS PLAN	E101	ELECTRICAL PLANS
		S202	FRAME LINES	A201	ELEVATION PLAN	E102	ELECTRICAL PLANS
						P101	PLUMBING PLANS

GENERAL NOTES:

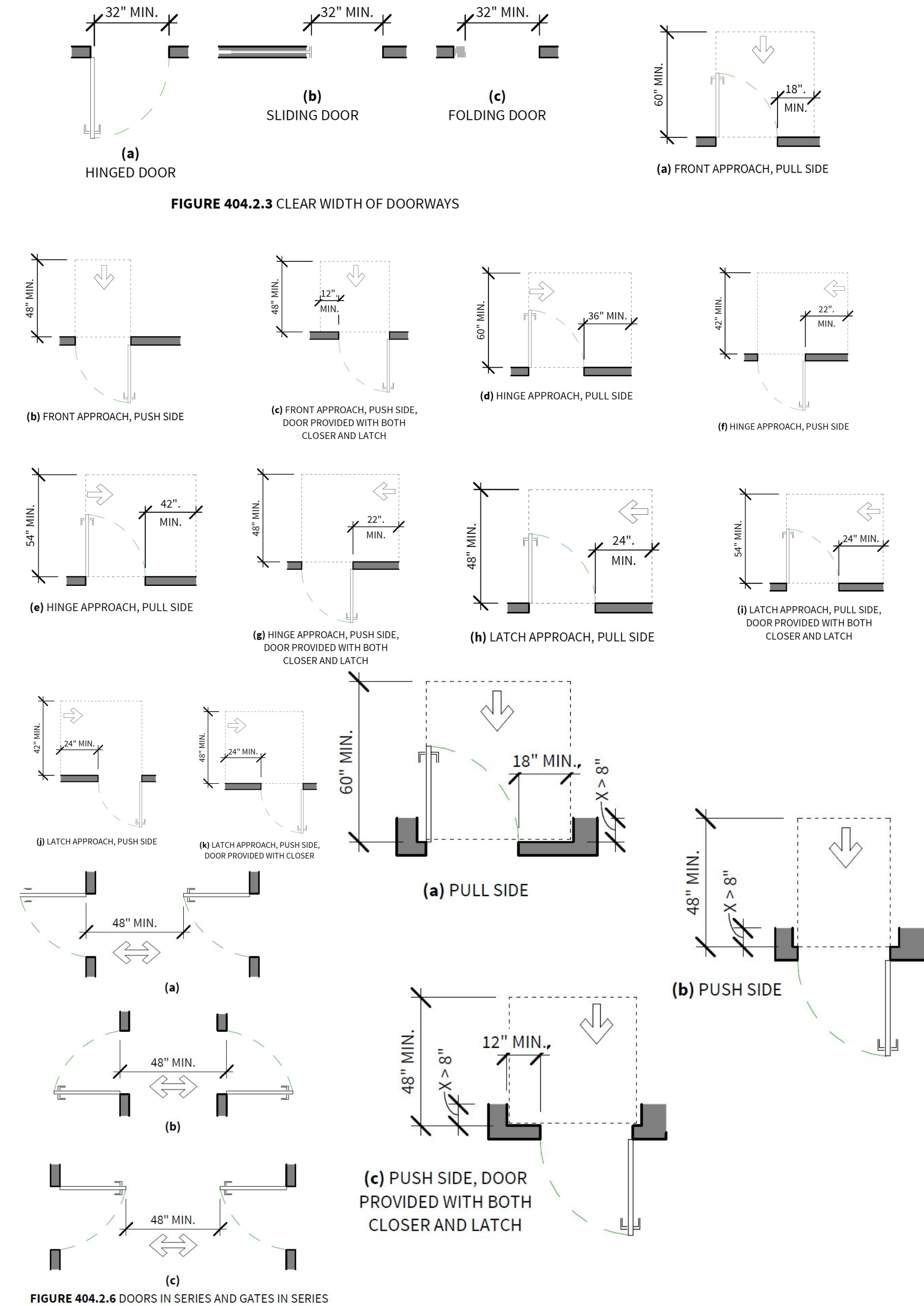
GENERAL ELEVATION NOTES:

- 1. USE GFI OUTLETS WHERE REQUIRED
- 2. SNACK BARS AND VENDING AREA SHALL COMPLY WITH STATE "TAS" & FEDERAL "ADA" REGULATIONS 5.1.
- 3. FIELD VERIFY ALL APPLIANCE DIMENSION BEFORE CONSTRUCTION.
- 4. PROVIDE MINIMUM OF 27" HIGH X 30" WIDE X 19" DEEP CLEAR KNEE SPACE CONFORMING W/ STATE "TAS" REGULATIONS.
- 5. FAUCET SETS TO CONFORM WITH STATE "TAS" REQUIREMENTS.
- 6. 34" MAX. HEIGHT TO TOP OF SINK RIM OR COUNTER PER "ADA" AND "TAS".
- 7. SINK DEPTH MAX. 6 1/2".
- 8. PROVIDE PROTECTIVE COVERING OVER EXPOSED PIPES & SURFACES AS TO MEET "ADA" & "TAS" STANDARD (TYP).

GENERAL DOOR SCHEDULE NOTES:

- 1. ALL DOOR CONTROLS ARE TO BE "LEVER" HANDLE TYPE CONFORMING TO "TAS" & "ADA" STANDARDS FOR HANDICAPPED ACCESSIBILITY.
- 2. ALL DOORS NOTED AS "EXIT" DOORS IN THE REMARKS COLUMN OF THE DOOR SCHEDULE, ARE TO BE OPERABLE FROM INSIDE WITHOUT THE USE OF A KEY OR ANY SPECIAL KNOWLEDGE OR EFFORT, PER SECTION 3304. (C) OF UBC CODE.
- 3. PROVIDE DOOR STOPS AND SILENCERS AT ALL DOORS, TYPICAL.
- 4. GENERAL CONTRACTOR IS TO PROVIDE 18" CLEAR AT PULL SIDE OF DOORS W/ OR WITHOUT CLOSERS IN ORDER TO CONFORM TO STATE "TAS" STANDARDS.
- 5. DOOR CLOSERS - THE SWEEP PERIOD OF THE CLOSERS SHALL BE ADJUSTED SO THAT FROM AN OPEN POSITION OF 70. THE DOOR WILL TAKE AT LEAST 3 SECONDS TO MOVE 3" FROM THE LATCH. MEASURED TO THE LEADING EDGE OF THE DOOR.
- 6. INTERIOR HINGED, SLIDING, AND FOLDING DOORS SHALL HAVE A 5 POUND OPENING FORCE.
- 7. VERIFY KEYING REQUIREMENTS WITH TENANT.
- 8. ALARMS - ALARMS & STROBES & ARA COMMUNICATIONS DEVICES MUST BE INSTALLED ACCORDING TO "ADA" & "TAS" STANDARDS.

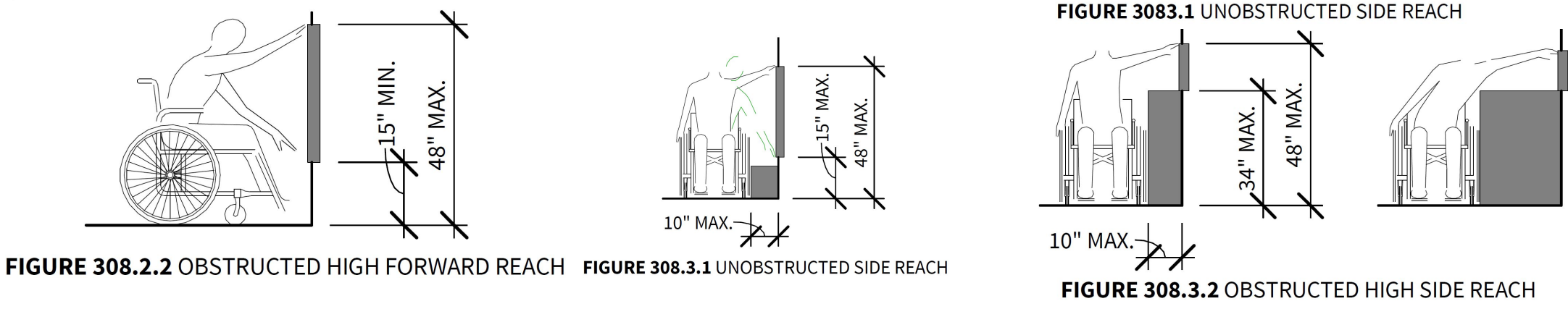
DOOR CLEARANCES



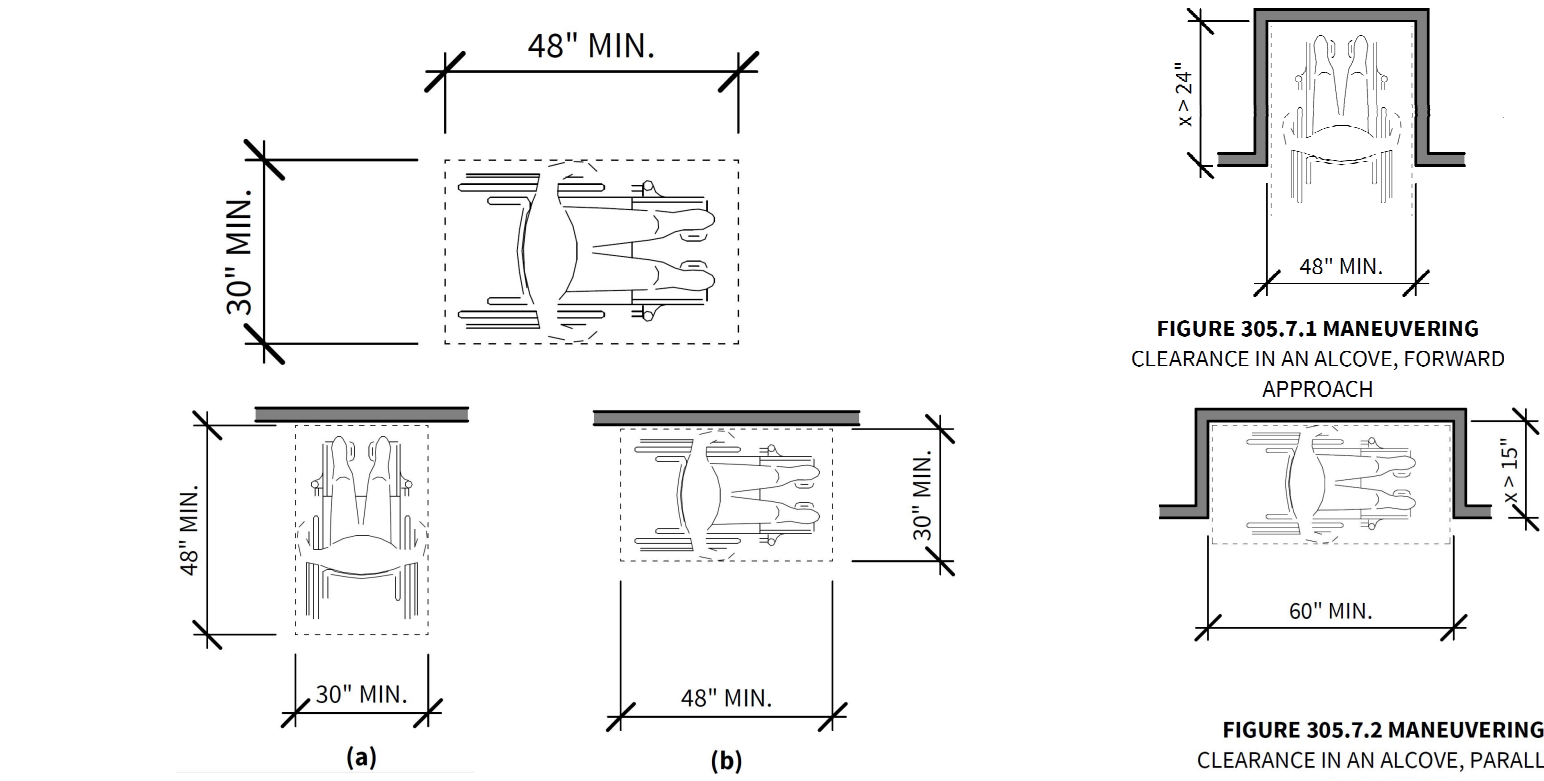
REACH RANGES

CHILDREN'S REACH RANGES

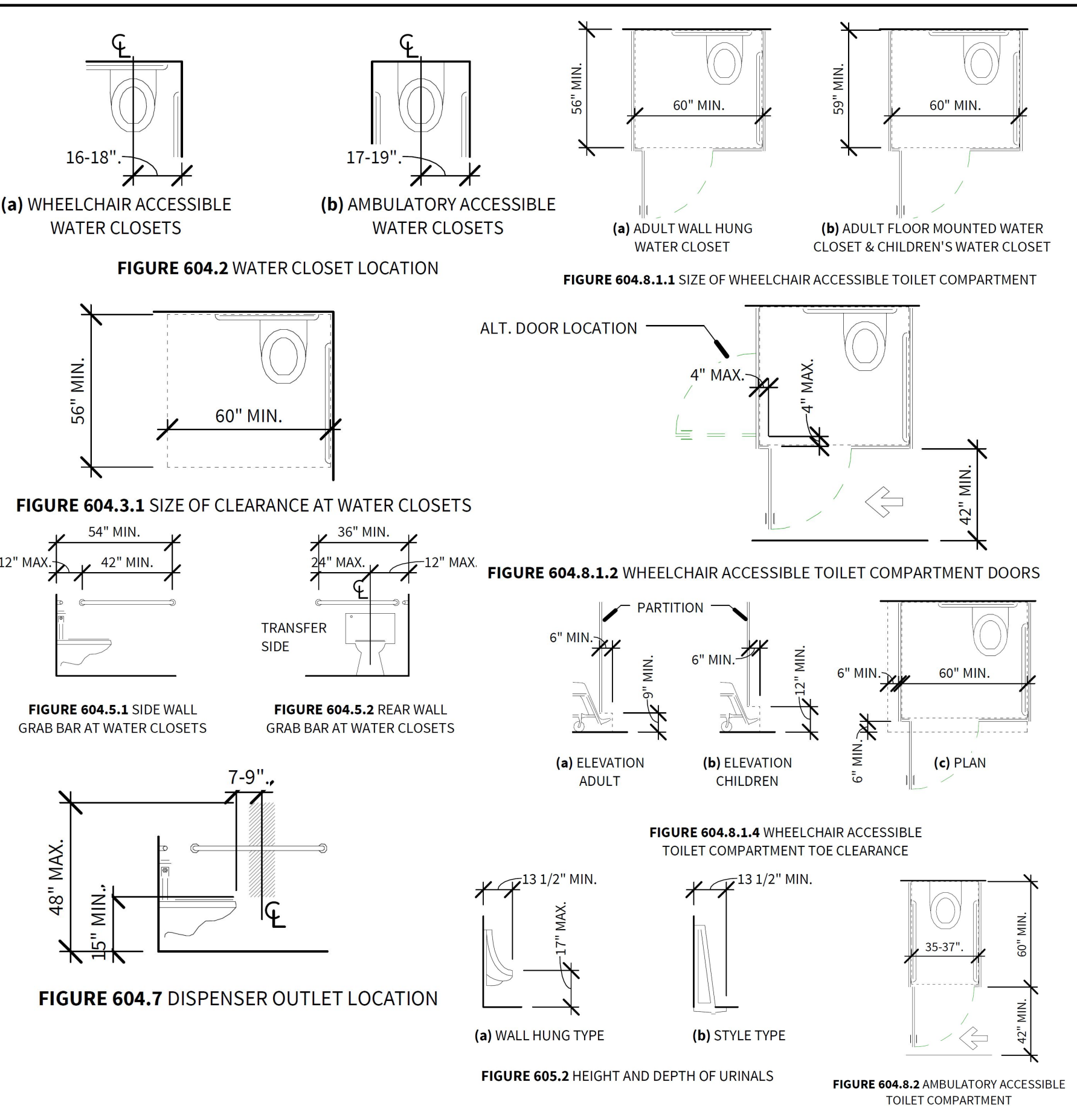
FORWARD OR SIDE REACH	HIGH (MAX.)	LOW (MIN.)
AGES 3 AND 4	36"	20"
AGES 5 THROUGH 8	40"	18"
AGES 9 THROUGH 12	44"	16"



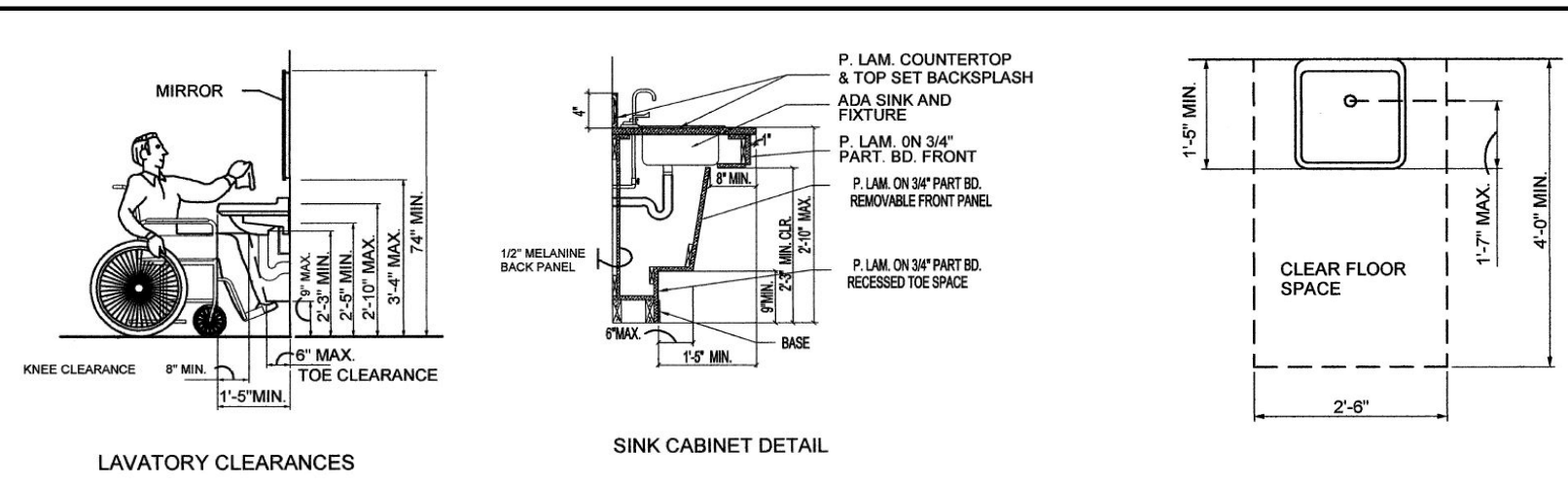
MIN. CLEAR FLOOR SPACES



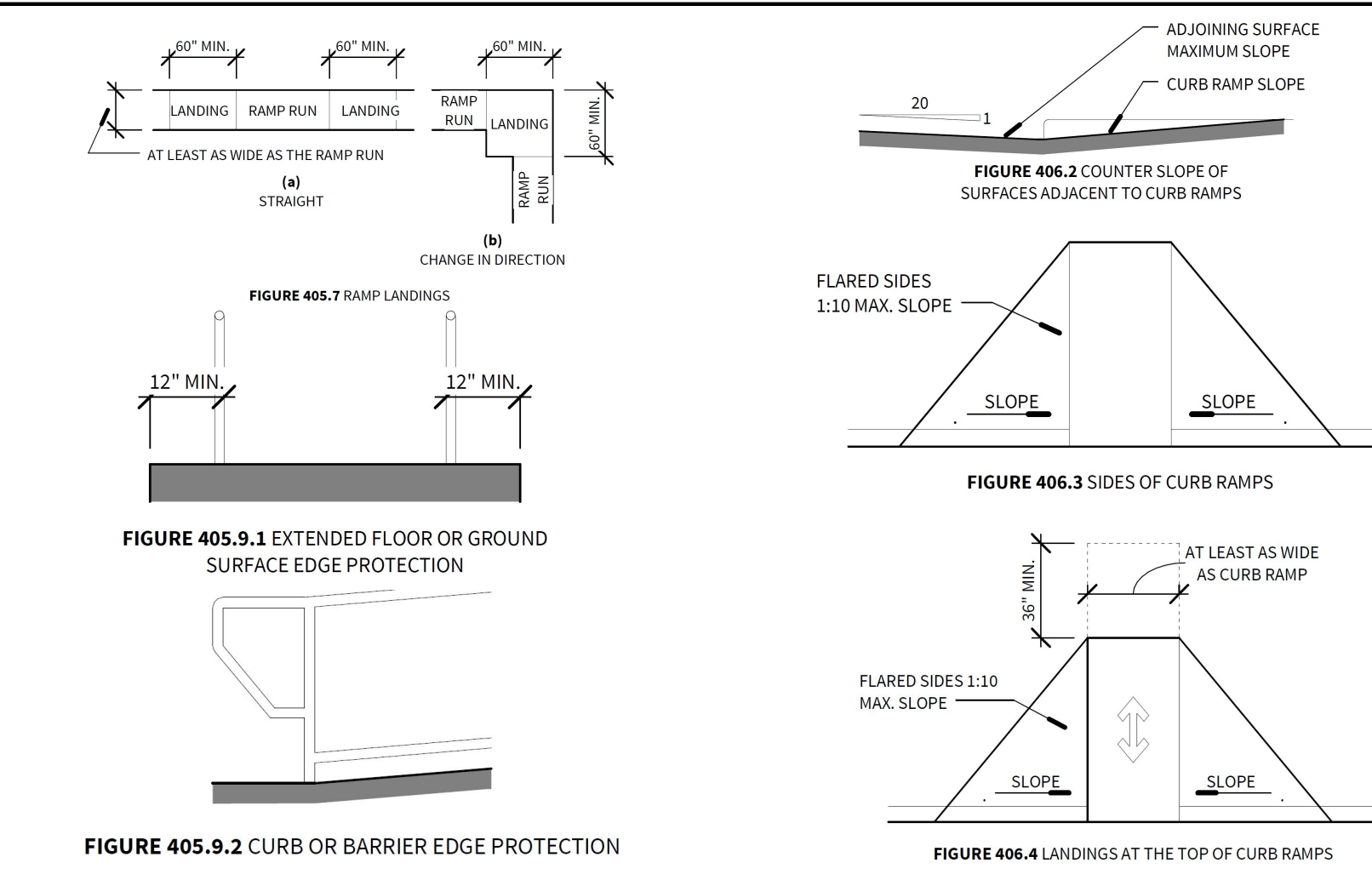
WATER CLOSETS AND TOILET COMPARTMENTS



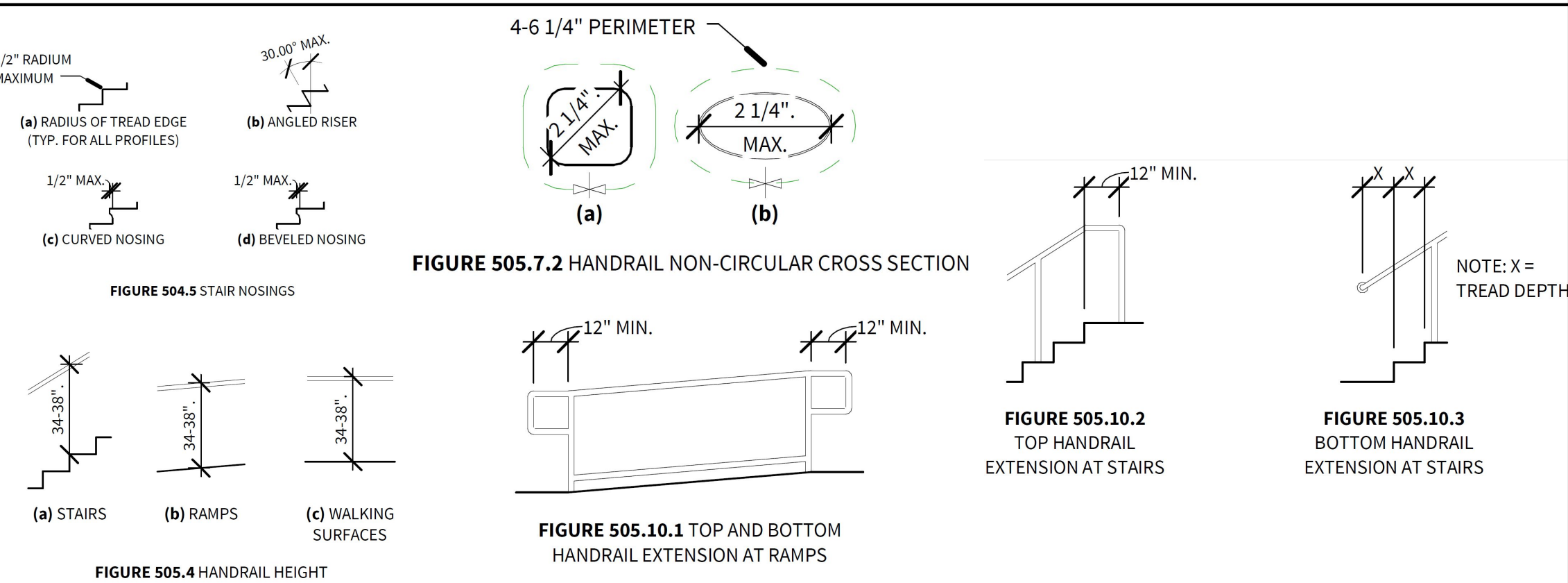
LAVATORIES AND SINKS



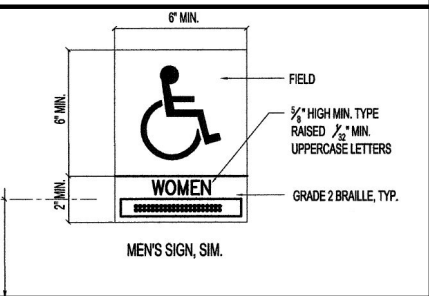
RAMPS



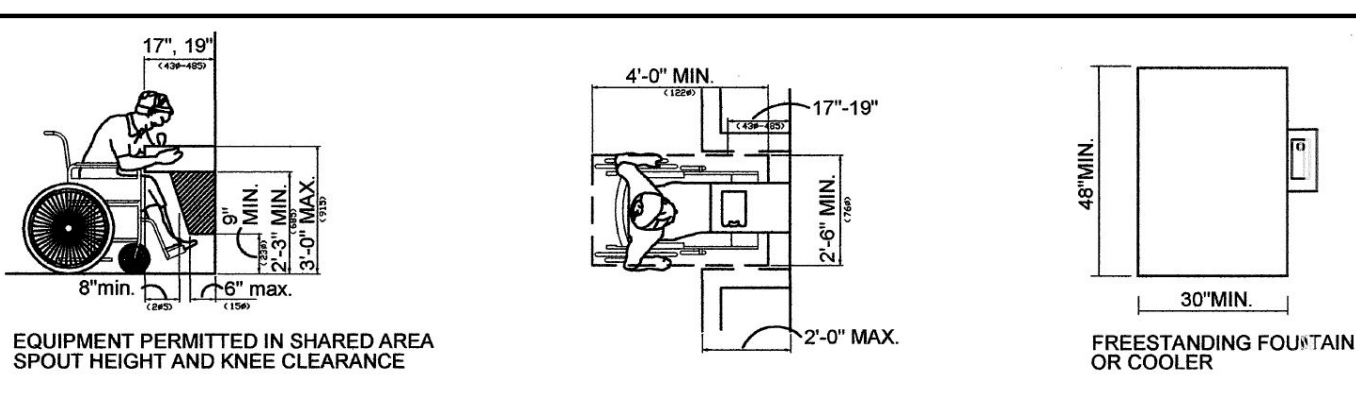
STAIRWAYS & HANDRAILS



RESTROOM SIGNAGE



DRINKING FOUNTAINS



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AL ARANDA

TEXAS
ACCESSIBILITY
STANDARDS

Project number -
Date 1/6/20
Drawn by MF
Checked by JD
Scale
4/3/2020 9:29:40 AM

GENERAL FOUNDATION NOTES

1. ALL CONCRETE TO BE 3000 PSI UNLESS OTHERWISE NOTED, WITH A 4" TO 6" SLUMP.
2. FLAT WORK CONCRETE TO CONTAIN 2 LB. FIBER MESH PER YARD OF CONCRETE. (DOES NOT INCLUDE FOOTINGS OR PIERS)
3. NO FLY ASH TO BE ALLOWED IN THE CONCRETE PER CUSTOMER DIRECTIVE.
4. ALL REBAR TO HAVE A MINIMUM COVER OF 2 INCHES UNLESS OTHERWISE NOTED.
5. ALL CONCRETE TO BE PLACED ON COMPACTED FILL OR SUBGRADE.
6. ALL REBAR TO BE PLACED AS SHOWN ON DRAWINGS AND WIRE TIED. NO WELDING PERMITTED.
7. CURE SLAB WITH SPRAY CURING COMPOUND.
8. 1" DEEP X 3/16" WIDE SAW-CUT CONTROL JOINTS AT A MAXIMUM OF 20'X20' SPACING.

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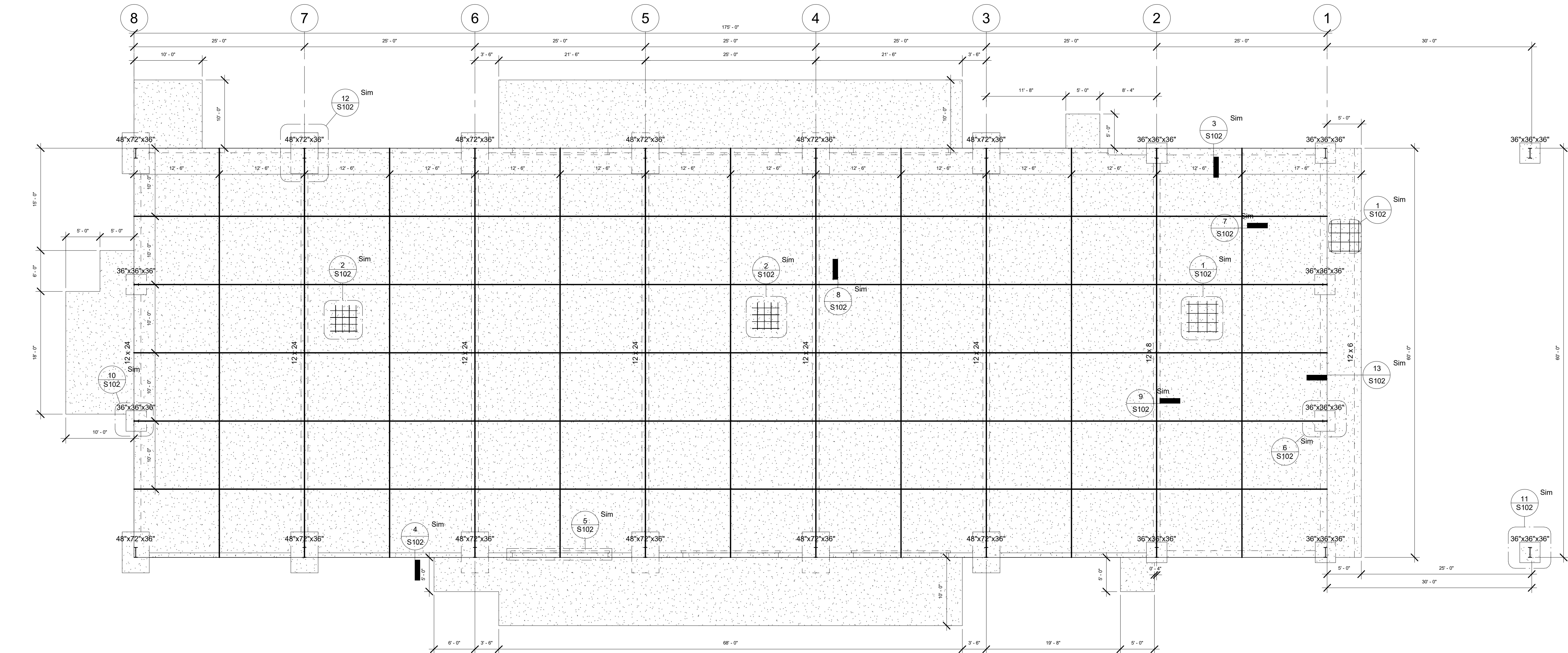
-

FOUNDATION PLAN

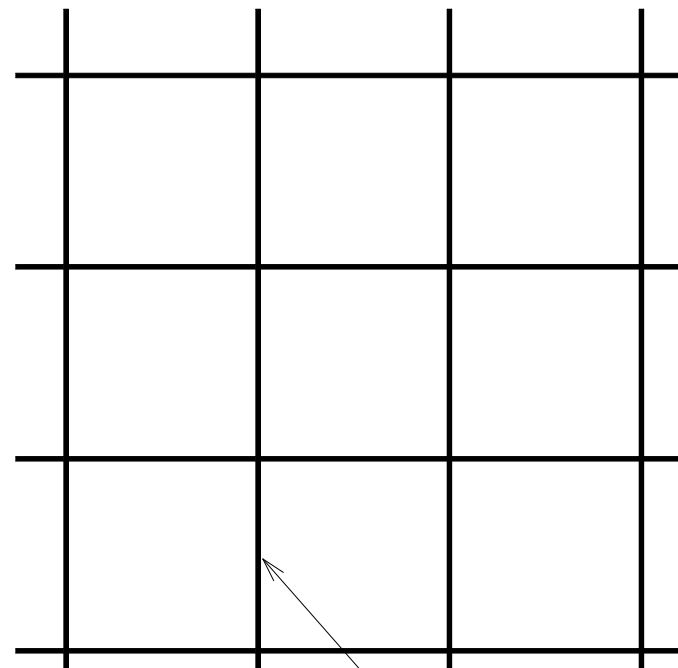
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Date	1/6/20
Drawn by	MF
Checked by	JD

S101

Scale 1/8" = 1'-0"
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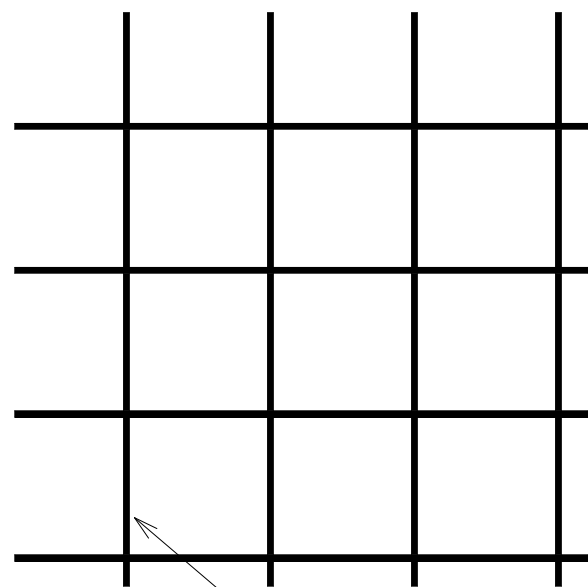


1 FOUNDATION
1/8" = 1'-0"



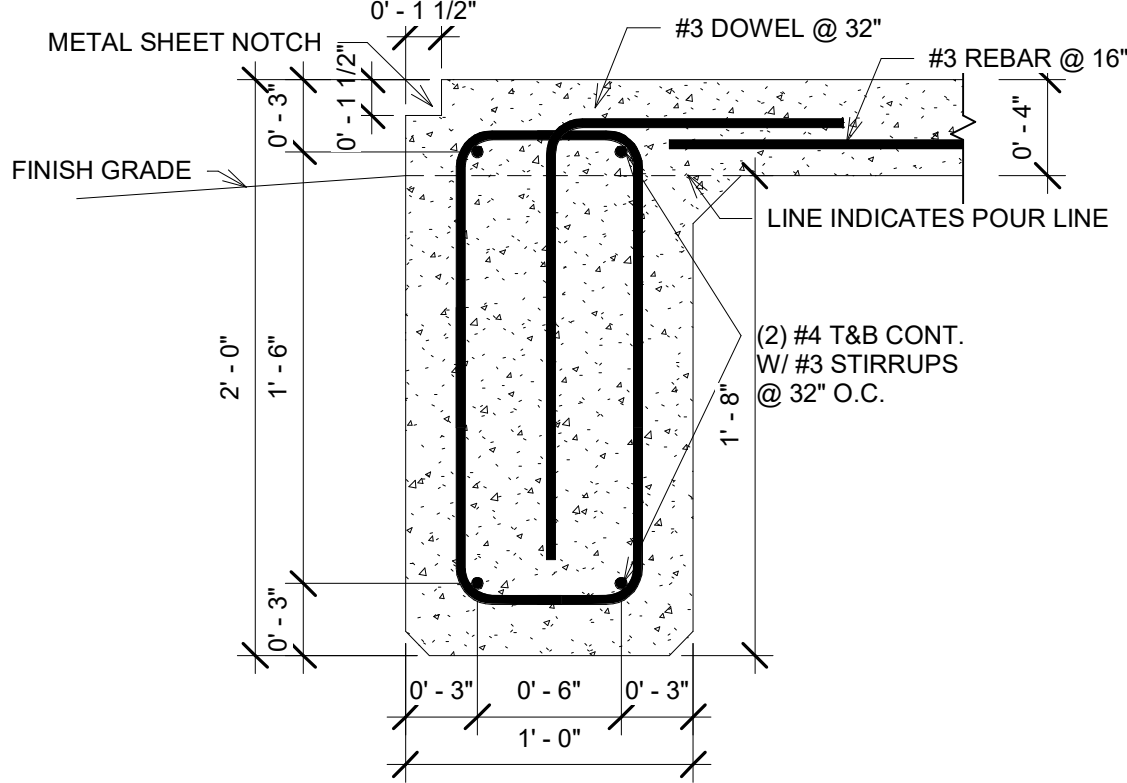
#3s @ 16" O.C.E.W.

1 FLOOR DETAIL -- 4" SLAB
3/4" = 1'-0"

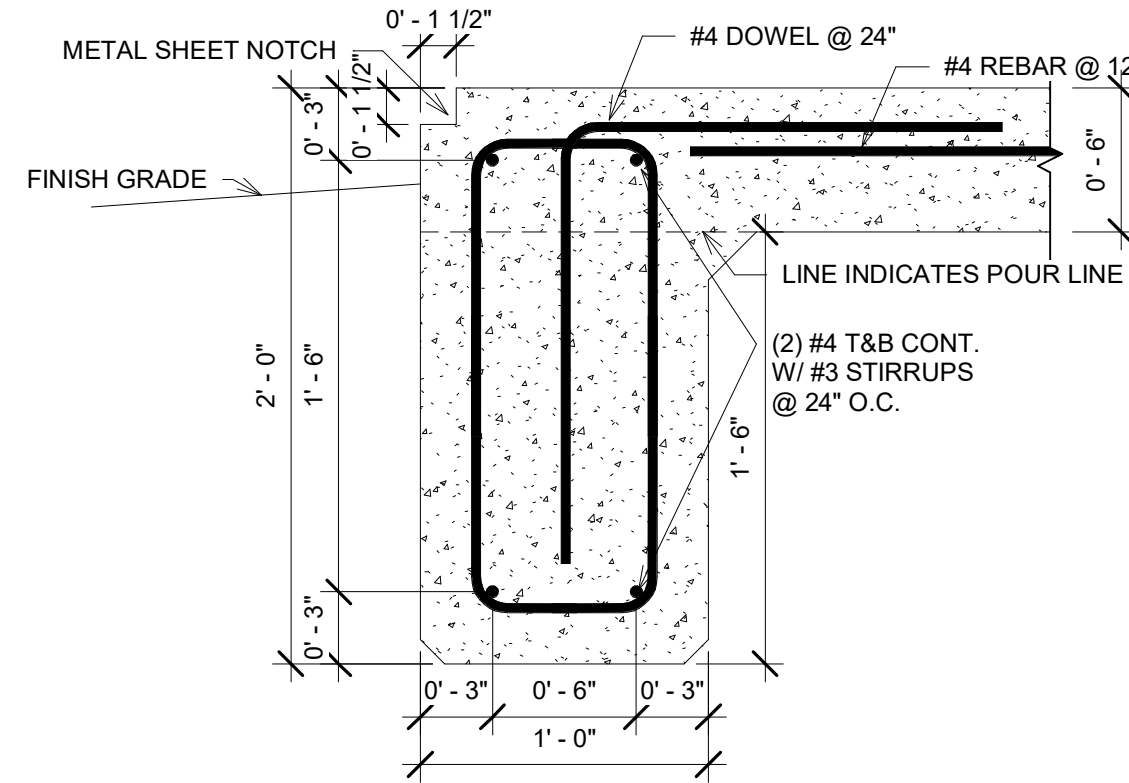


#4s @ 12" O.C.E.W.

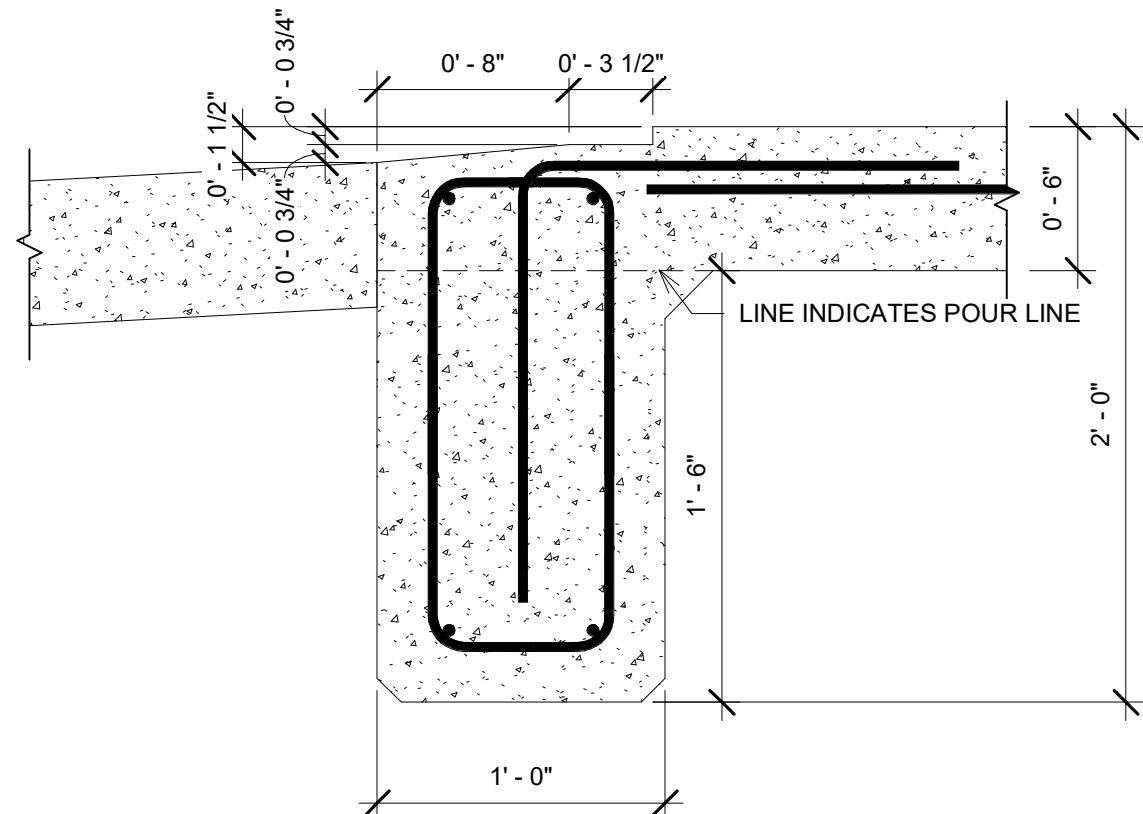
2 FLOOR DETAIL -- 6" SLAB
3/4" = 1'-0"



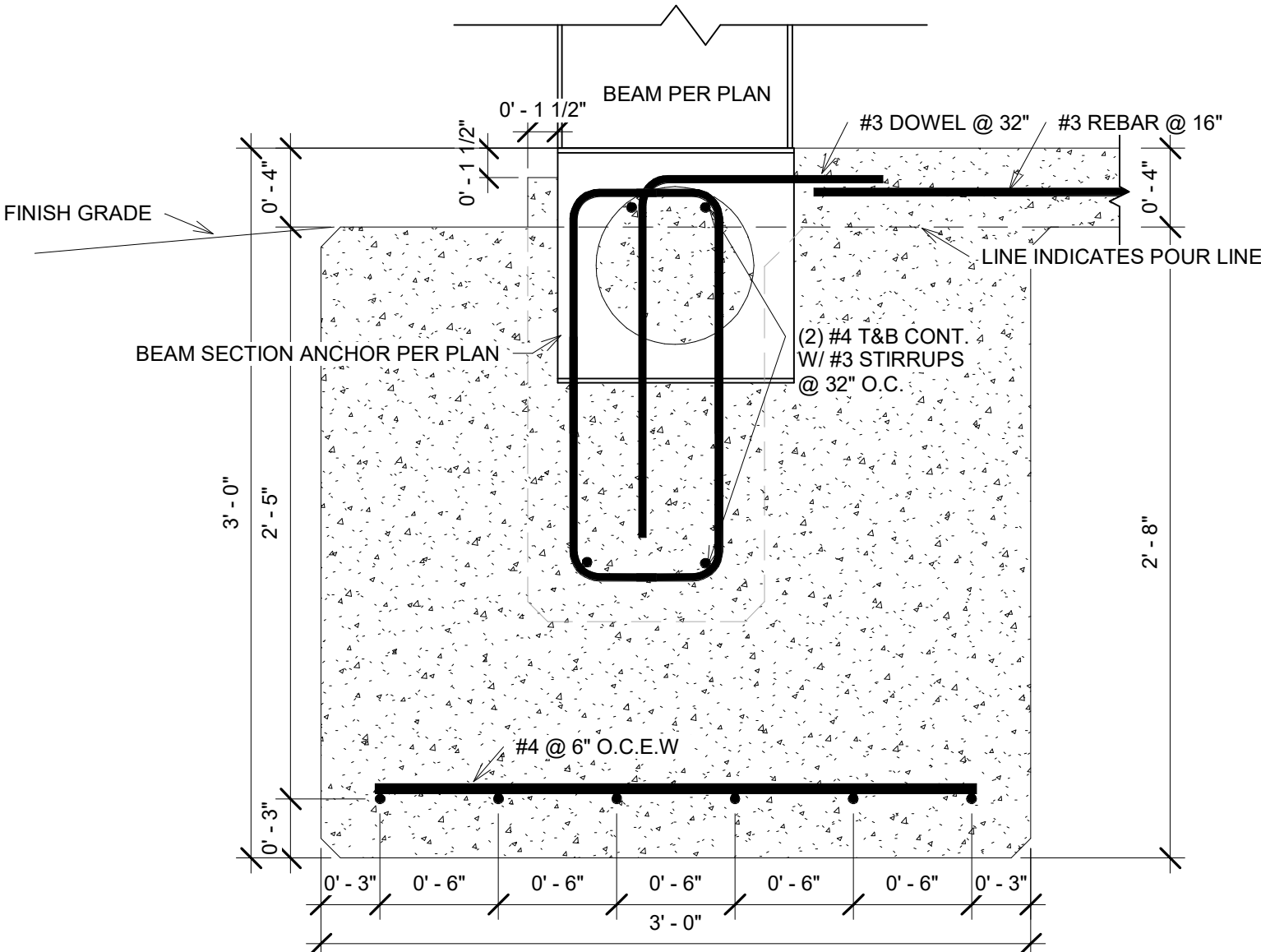
3 FOOTING 12" x 24" -- 4" SLAB
1 1/2" = 1'-0"



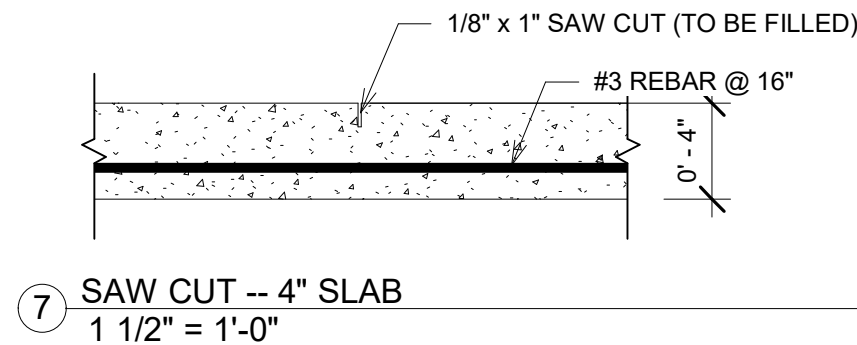
4 FOOTING 12" x 24" -- 6" SLAB
1 1/2" = 1'-0"



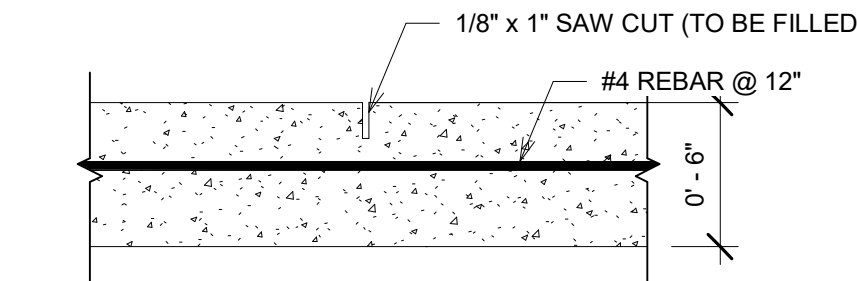
5 OVERHEAD DOOR NOTCH
1 1/2" = 1'-0"



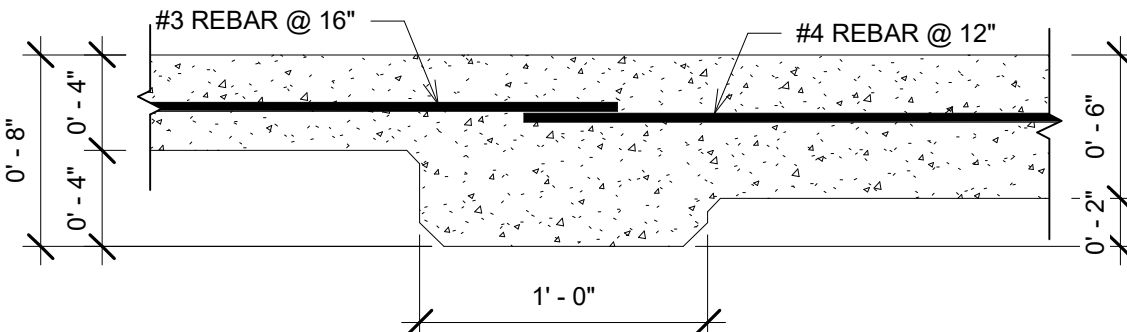
6 PIER 36" x 36" x 36" -- 4" SLAB
1 1/2" = 1'-0"



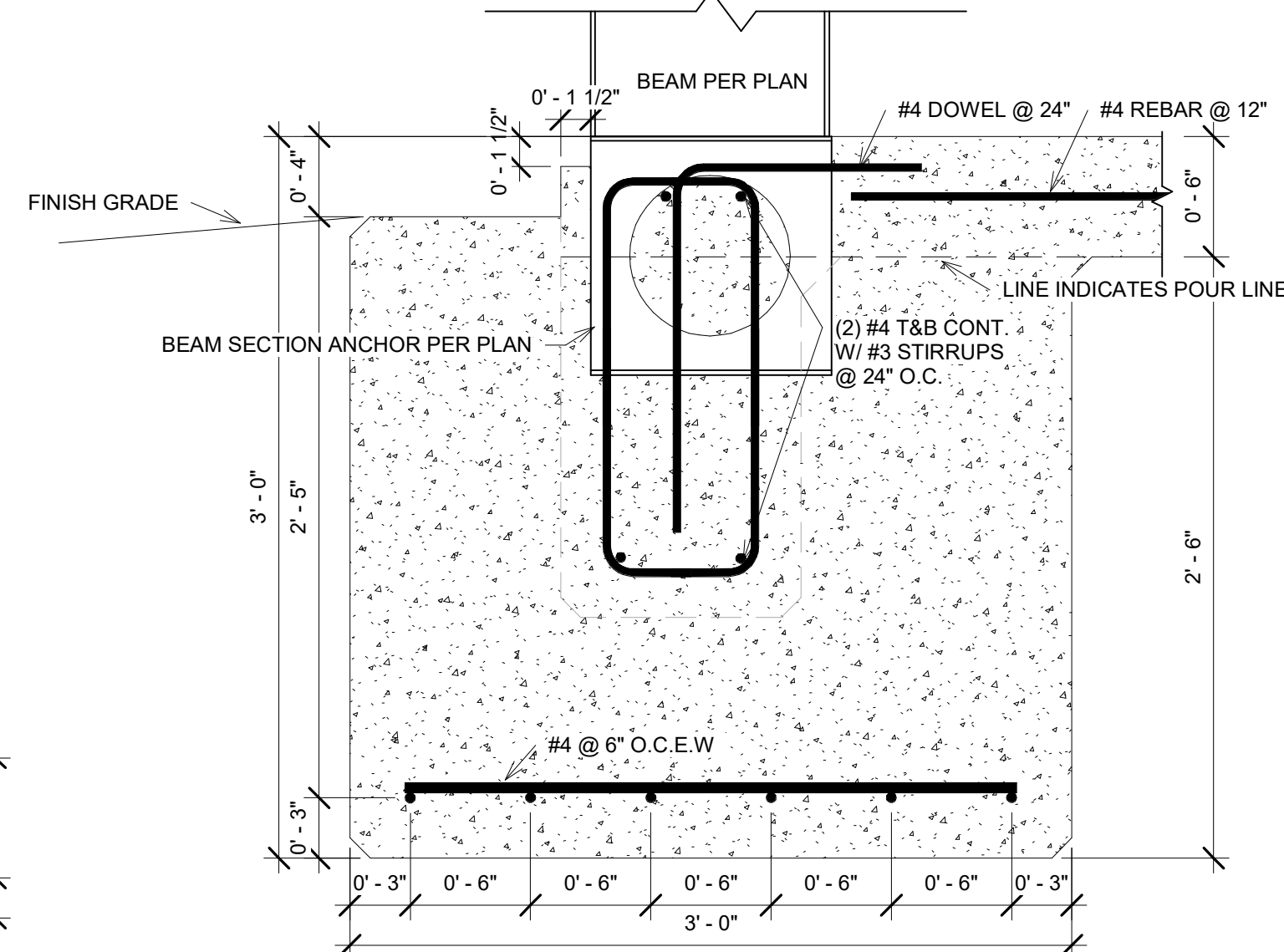
7 SAW CUT -- 4" SLAB
1 1/2" = 1'-0"



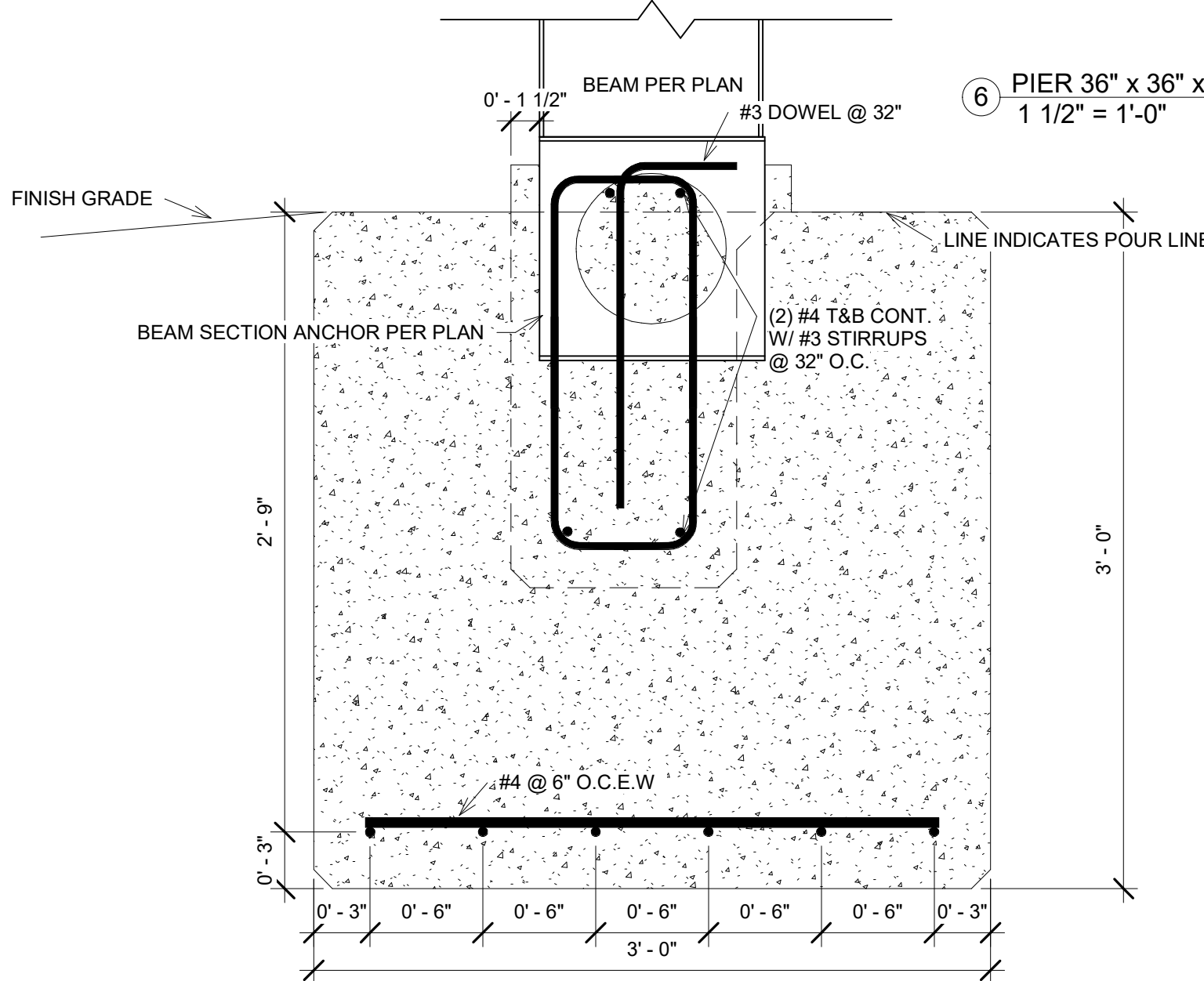
8 SAW CUT -- 6" SLAB
1 1/2" = 1'-0"



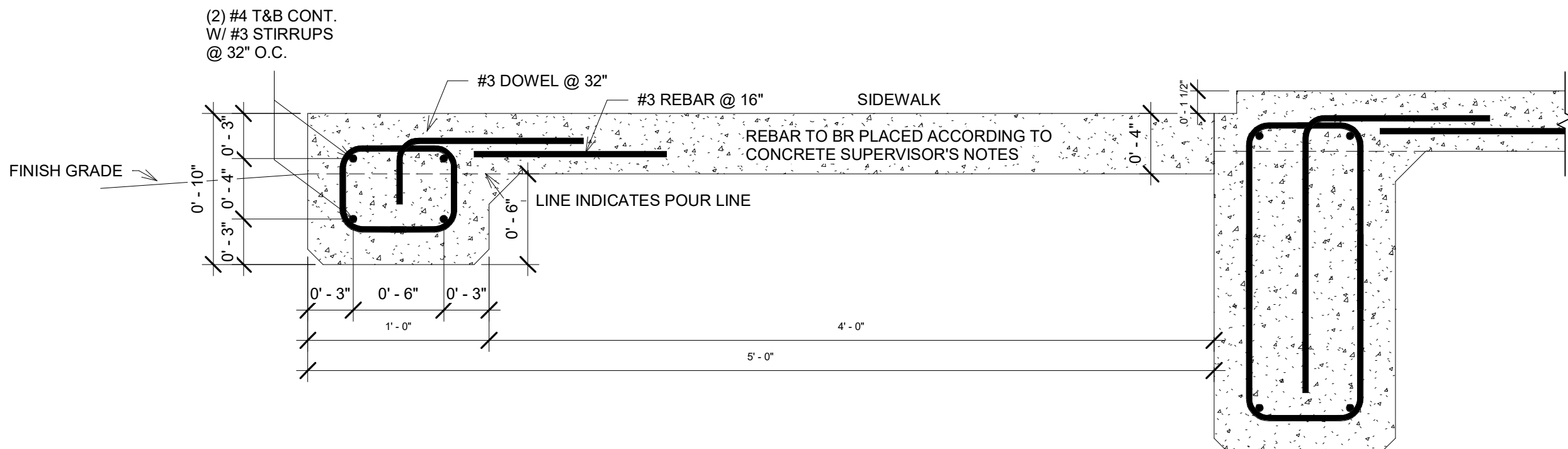
9 FOOTING -- 4" - 6" SLAB
1 1/2" = 1'-0"



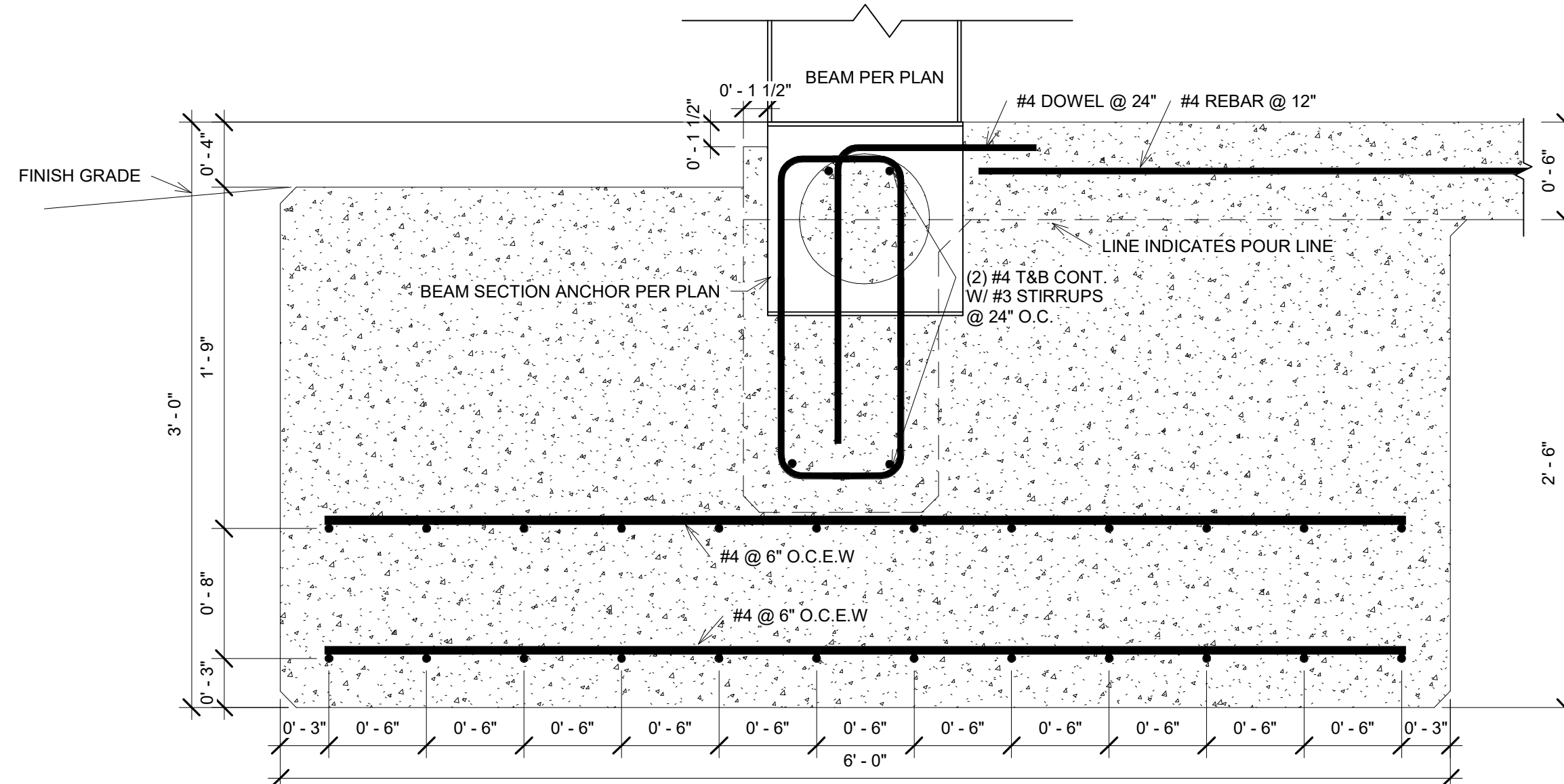
10 PIER 36" x 36" x 36" -- 6" SLAB
1 1/2" = 1'-0"



11 PIER 36" x 36" x 36" -- PIER ONLY
1 1/2" = 1'-0"



13 FOOTING -- 4" SIDEWALK
1 1/2" = 1'-0"



12 PIER 48" x 72" x 36" -- CRANE 6" SLAB
1 1/2" = 1'-0"

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AL ARANDA

FOUNDATION
DETAILS PLAN

Project number	-
Date	1/6/20
Drawn by	MF
Checked by	JD

S102

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4/3/2020 9:29:45 AM	

GENERAL STRUCTURAL NOTES

1.

STRUCTURAL STEEL
2.

STRUCTURAL STEEL FOR ALL MEMBERS SHALL CONFORM TO ASTM A36, UNLESS OTHERWISE NOTED.
3.

ALL BOLTED CONNECTIONS SHALL BE STANDARD AMERICAN INSTITUTE OF STEEL CONSTRUCTION BOLTED CONNECTIONS, USING ASTM A325 BOLTS.
4.

ALL WELDED CONNECTIONS SHALL CONFORM TO AMERICAN WELDING SOCIETY UNLESS OTHERWISE NOTED.
5.

ALL STRUCTURAL MEMBERS TO BE ONE PIECE WITHOUT ANY SPLICES.
6.

BURNING HOLES IN STRUCTURAL MEMBERS NOT PERMITTED WITHOUT PRIOR APPROVAL OF PROJECT ENGINEER.
7.

ALL STEEL FABRICATION TO BE DONE IN STRICT COMPLIANCE WITH ASTM AND AISC STANDARDS.
2.

STRUCTURAL STANDARDS
- A.

AMERICAN SOCIETY OF CIVIL ENGINEERS (ASCE); MINIMUM DESIGN LOADS FOR BUILDINGS AND OTHER STRUCTURES, ASCE 7-93, AS AMENDED.
- B.

AMERICAN CONCRETE INSTITUTE (ACI); BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE, ACI 318-89, AS AMENDED.
- C.

AMERICAN INSTITUTE OF STEEL CONSTRUCTION (AISC); MANUAL OF STEEL CONSTRUCTION, ALLOWABLE STRESS DESIGN, NINTH EDITION, 2011, AS AMENDED.
- D.

CONCRETE REINFORCEMENT STEEL INSTITUTE (CRSI); BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE, ACI 318-98, NINTH EDITION, 2002. AS AMENDED.

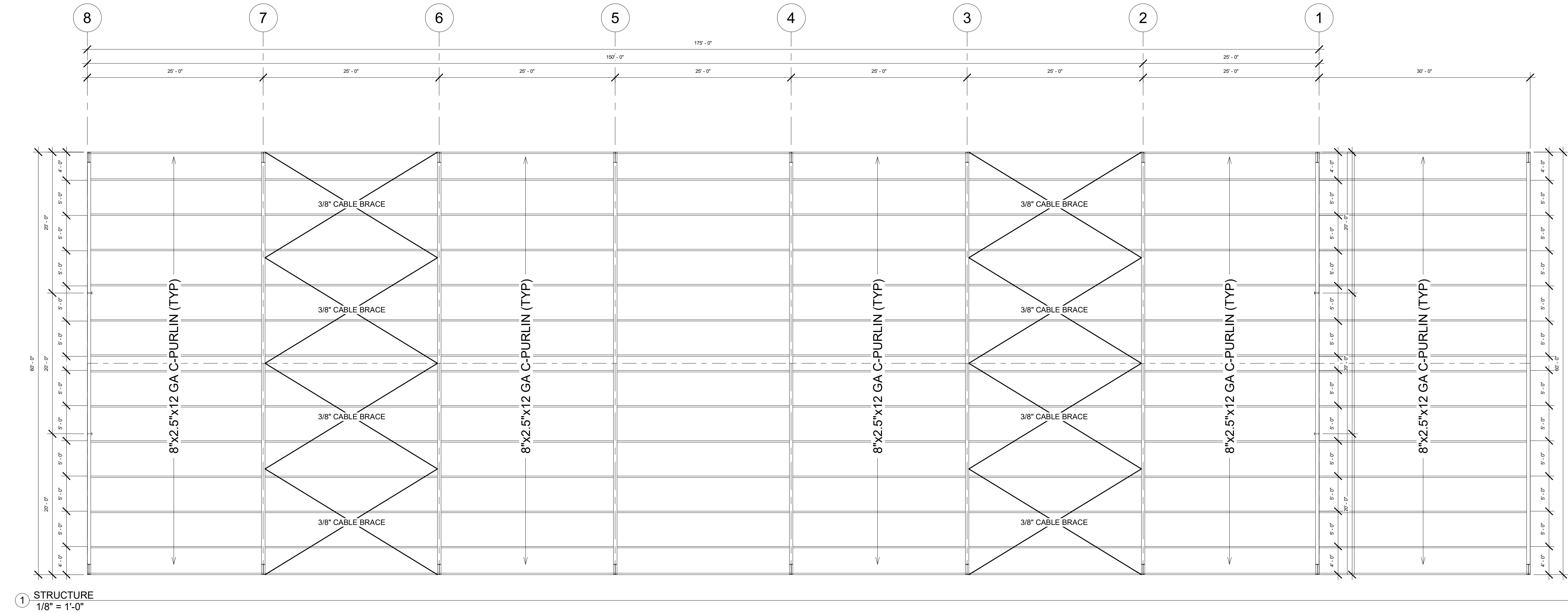
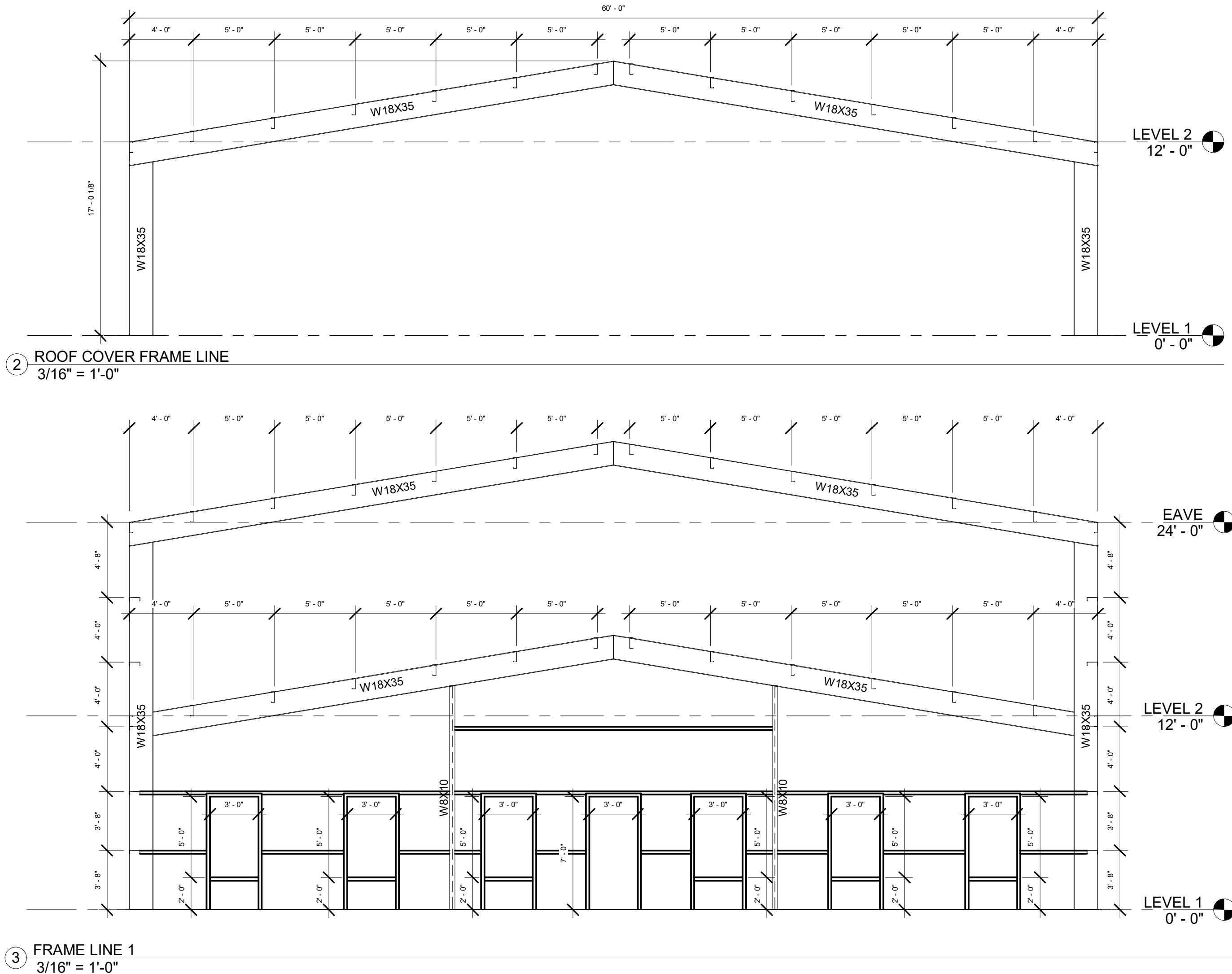
DESIGN LOADS

ROOF DEAD LOAD: 3 PSF
COLLATERAL LOAD: 3.00 PSF
ROOF LIVE LOAD: 20.00 PSF (reducible)
ROOF SNOW LOAD: 10.00 PSF
BASIC WIND SPEED: 90 MPH
SEISMIC ZONE: D

IMPORTANCE FACTORS:
WIND LOAD: 1.00
SNOW LOAD: 1.00
SEISMIC LOAD: 1.00

THE DESIGN LOADS AND COMBINATIONS ARE APPLIED IN ACCORDANCE WITH THE FOLLOWING BUILDING CODE: IBC 2009

NOTES:
1. ROOF IS DESIGNED ON THE LARGER ROOF LIVE LOAD OR SNOW LOAD
2. THIS PROJECT IS DESIGNED AS PARTIAL ACCESSORIES (DOORS, WINDOWS, ETC.) BY OTHERS MUST BE DESIGNED AS "COMPONENT AND CLADDING" IN ACCORDANCE TO SPECIFIED WIND PROVISIONS OF THE REFERENCED BUILDING CODE



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STRUCTURAL PLAN

Project number	-
Date	1/6/20
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S201

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4/3/2020 9:29:46 AM

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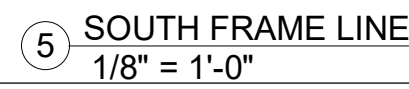
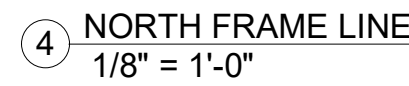
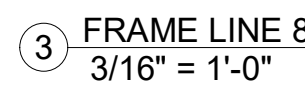
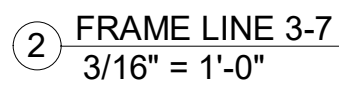
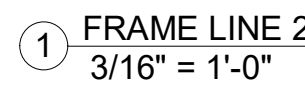
VERSION 3.0

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FRAME LINES

S202	
Scale	As indicated

As indicated



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VERSION 3.0

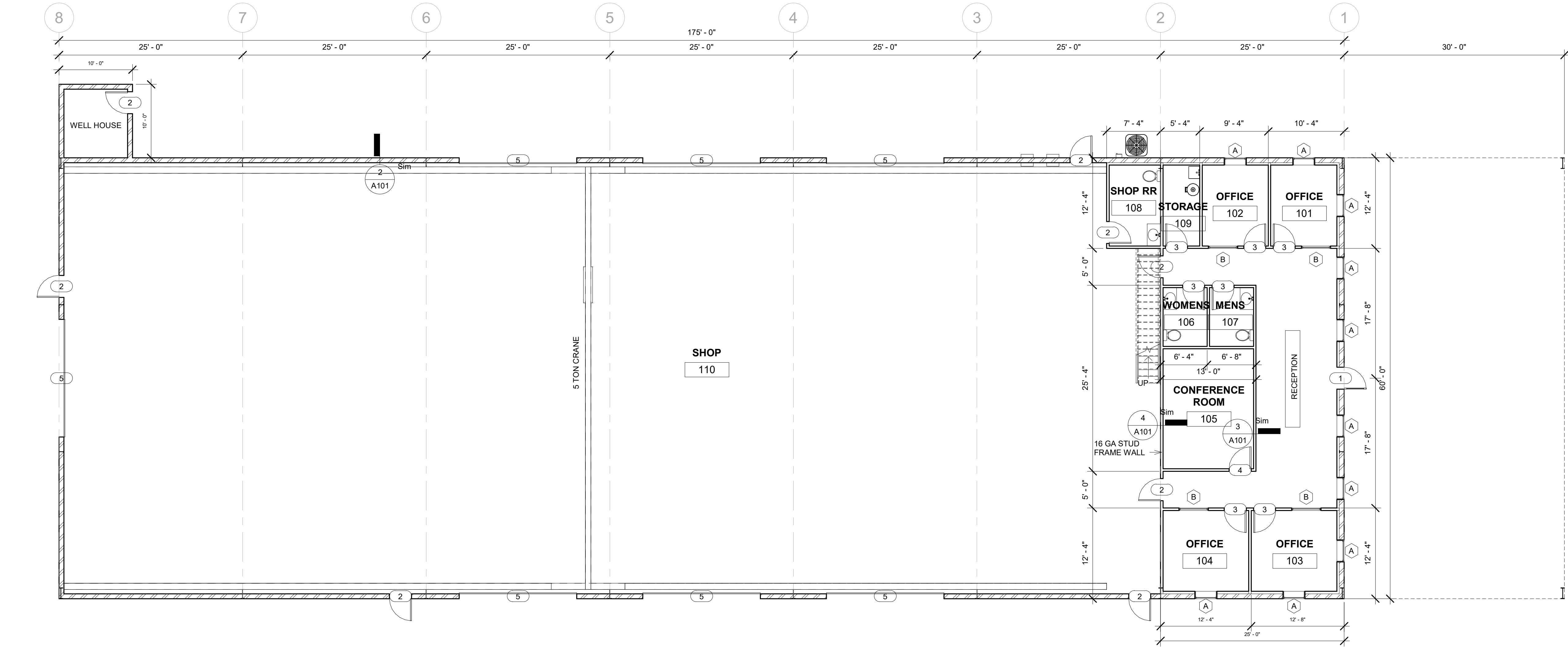
AL ARANDA

FLOOR PLAN

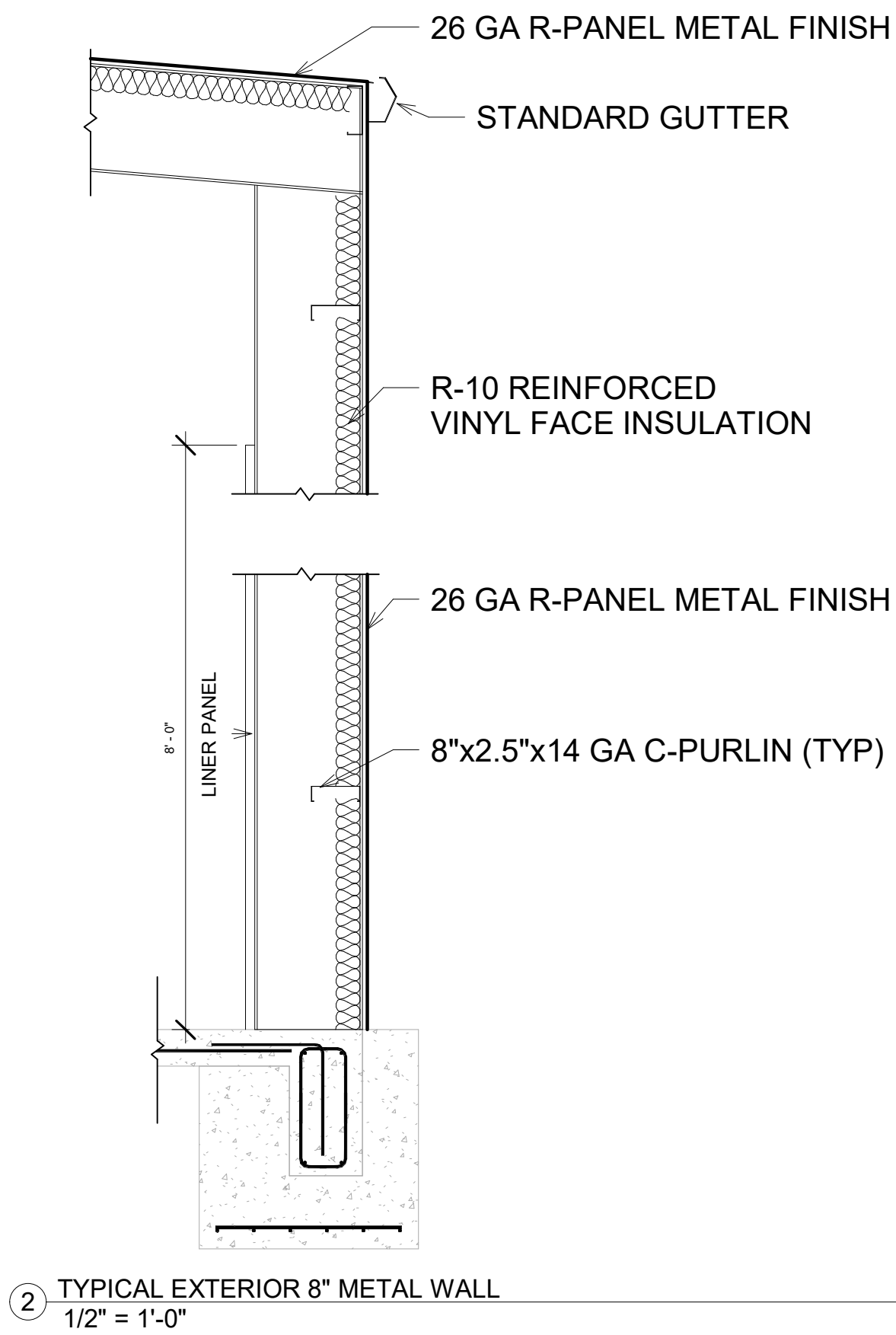
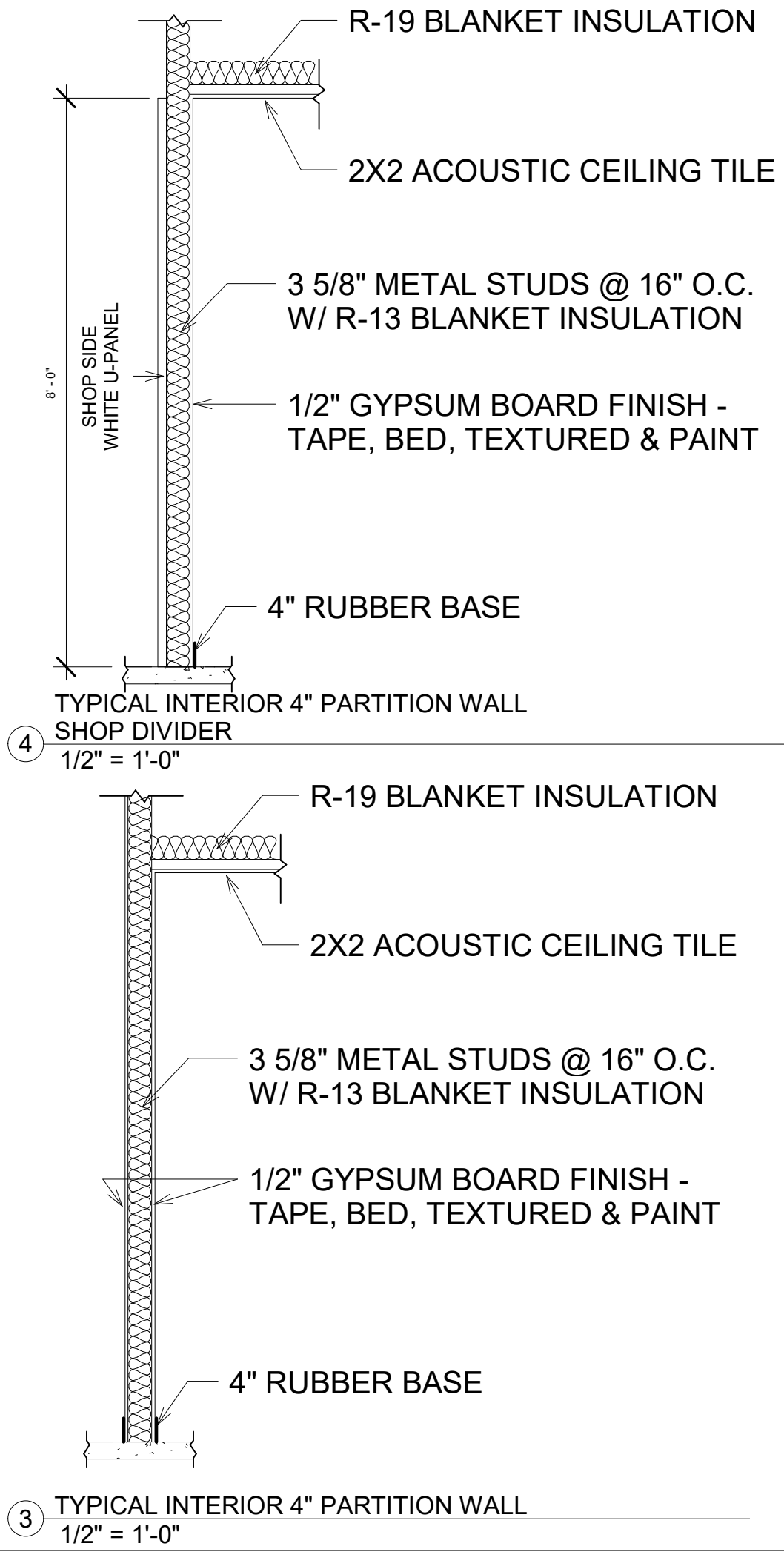
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Date	1/6/20
Drawn by	MF
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A101

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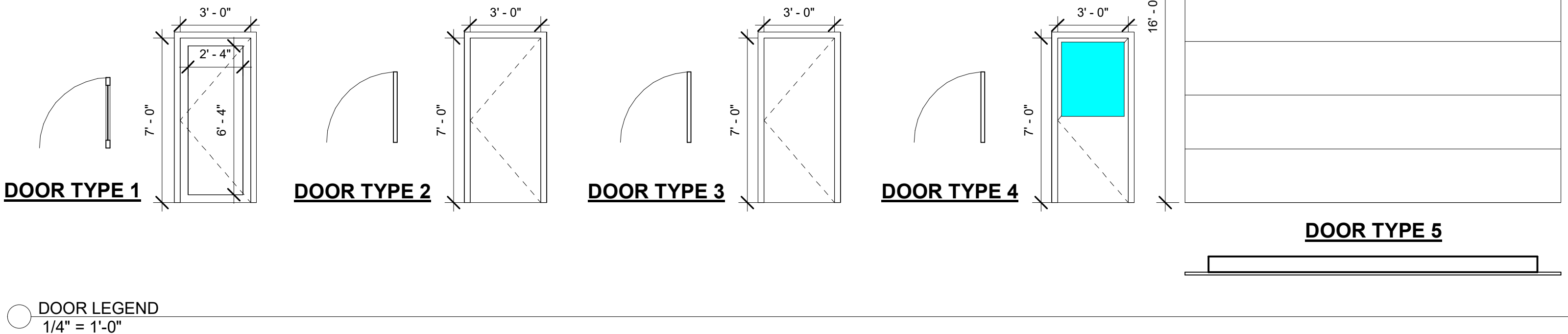


1 LEVEL 1
1/8" = 1'-0"



WINDOW SCHEDULE						
MARK	QUANTITY	SIZE		SILL HEIGHT	CONSTRUCTION TYPE	COMMENTS
		WIDTH	HEIGHT			
A	10	3' - 0"	5' - 0"	2' - 0"	TEMPERED LOW-E BRONZE GLASS & ALUMINUM	
B	4	4' - 0"	4' - 0"	3' - 0"	TEMPERED LOW-E BRONZE GLASS & ALUMINUM	

DOOR SCHEDULE							
MARK	QUANTITY	SIZE		CONSTRUCTION TYPE	FINISH	FRAME MATERIAL	COMMENTS
		WIDTH	HEIGHT				
1	1	3' - 0"	7' - 0"	TEMPERED LOW-E BRONZE GLASS			
2	8	3' - 0"	7' - 0"	INSULATED METAL			
3	7	3' - 0"	7' - 0"	SOLID WOOD CORE			
4	1	3' - 0"	7' - 0"	SOLID WOOD CORE			HALF GLASS
5	7	16' - 0"	16' - 0"	NON-INSULATED STEEL BACK SECTIONAL			MANUAL OPERATED



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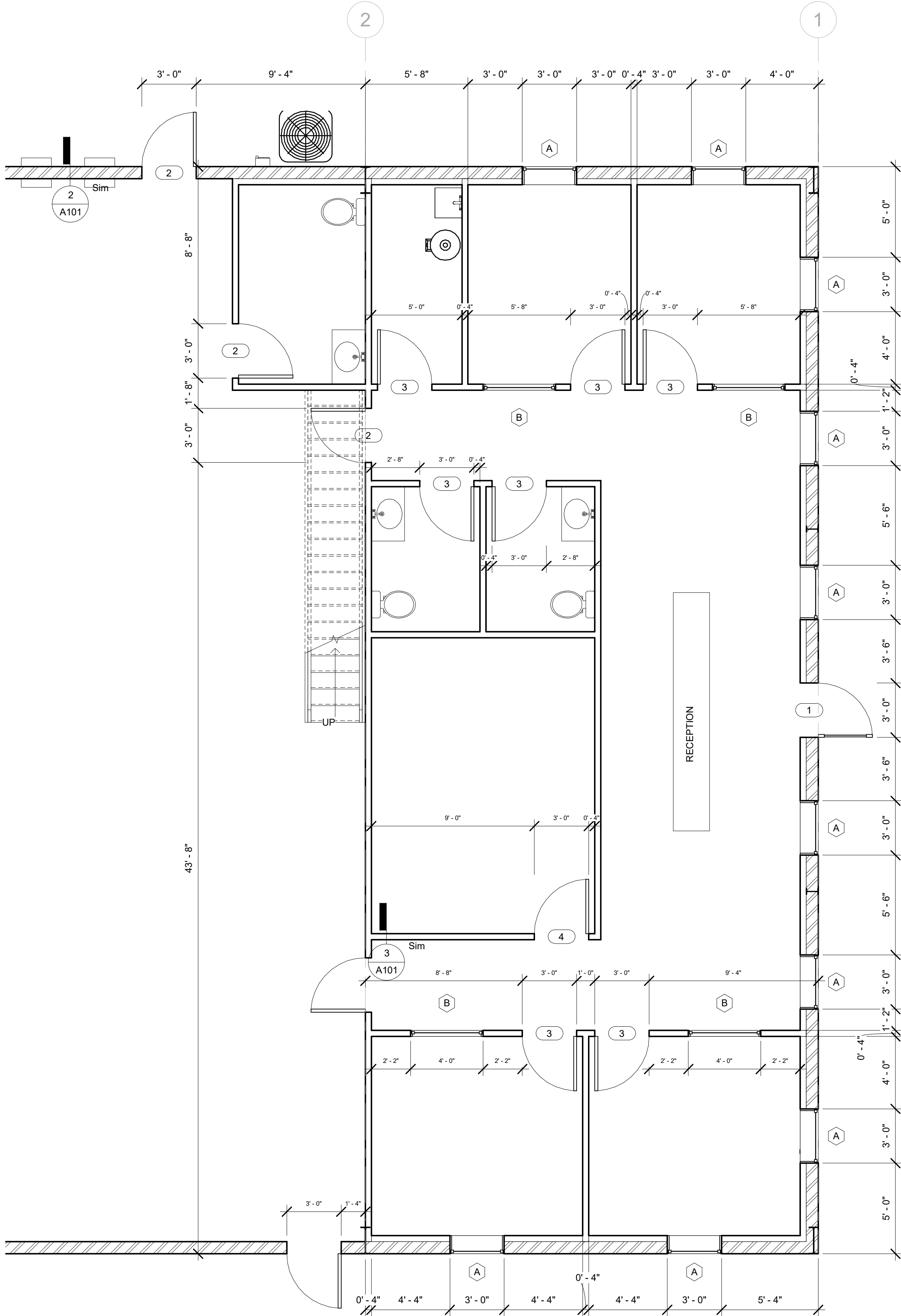
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DIMENSIONS PLAN

Project number	-
Date	1/6/20
Drawn by	MF
Checked by	JD

A102

Scale	1/4" = 1'-0"
4/3/2020 9:29:33 AM	



1 LEVEL 1 DIMENSIONS
1/4" = 1'-0"

No.	Revisions	Date

VERSION 3.0

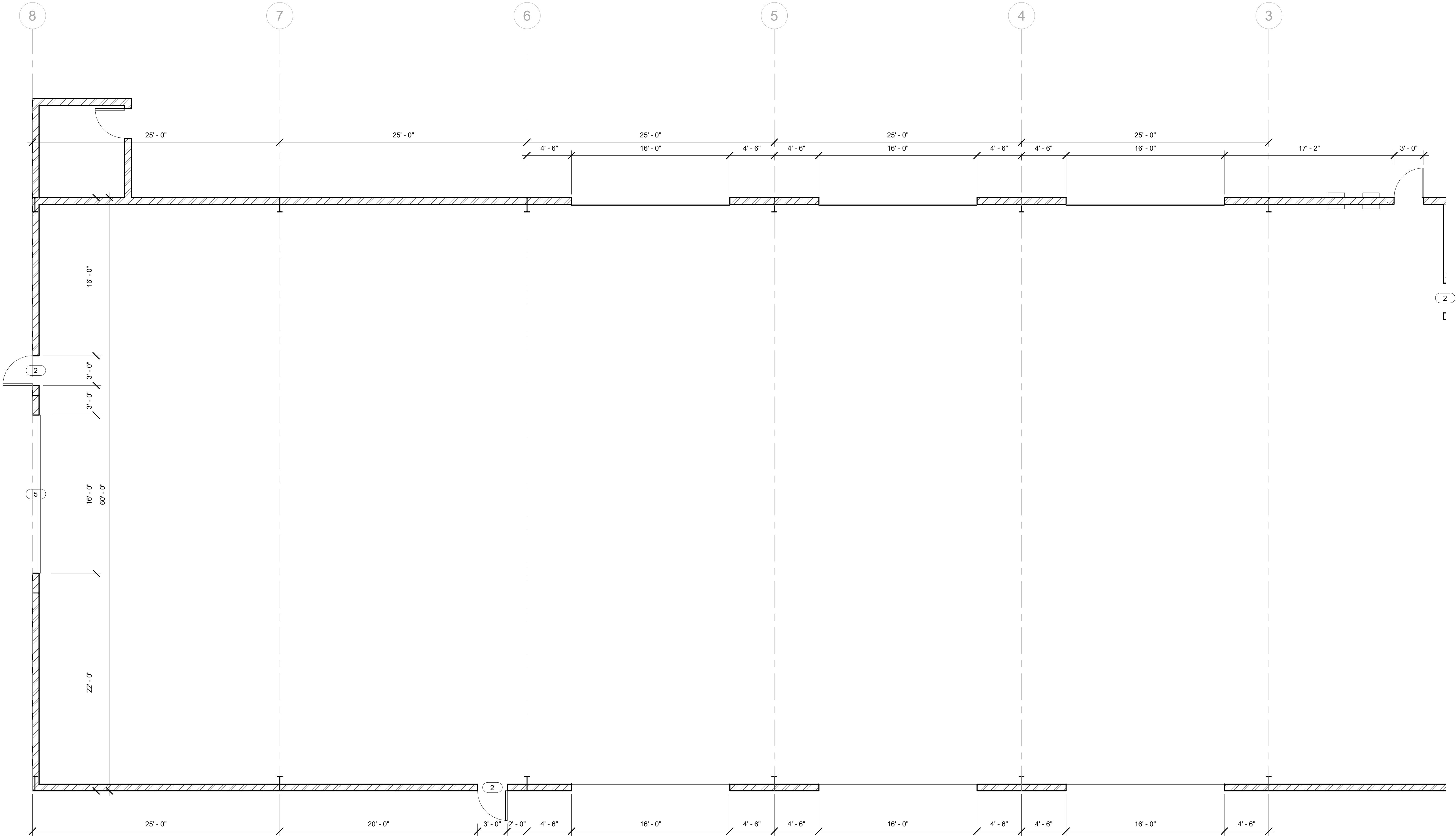
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DIMENSIONS PLAN

Project number	-
Date	1/6/20
Drawn by	MF
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A103

Scale	3/16" = 1'-0"
4/3/2020 9:29:33 AM	



1 LEVEL 1 DIMENSIONS CONTINUED
3/16" = 1'-0"

No.	Revisions	Date

VERSION 3.0

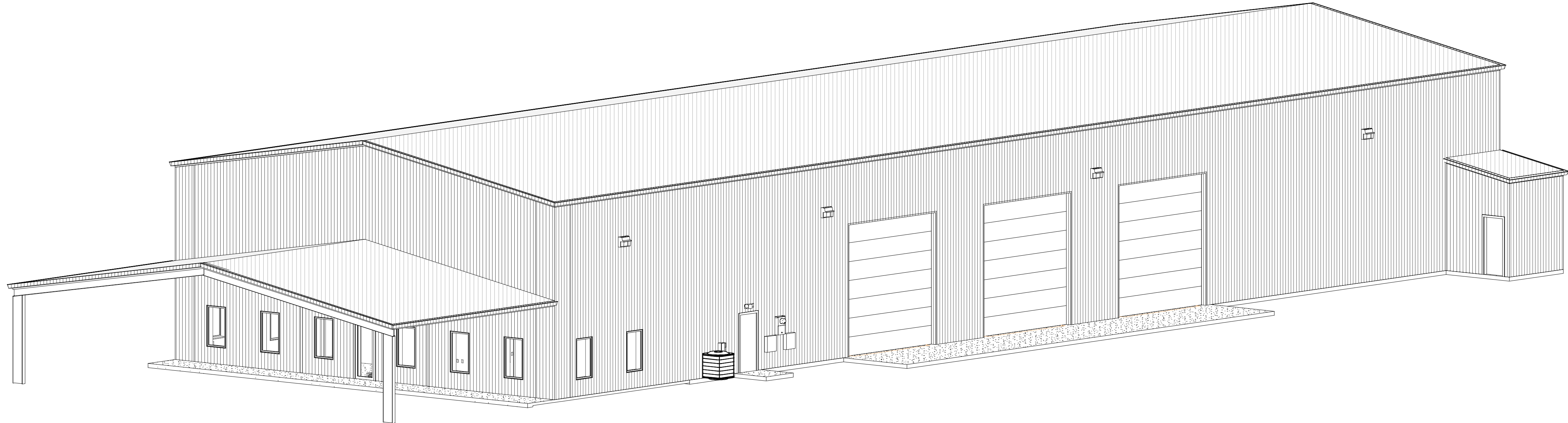
AL ARANDA

ELEVATION PLAN

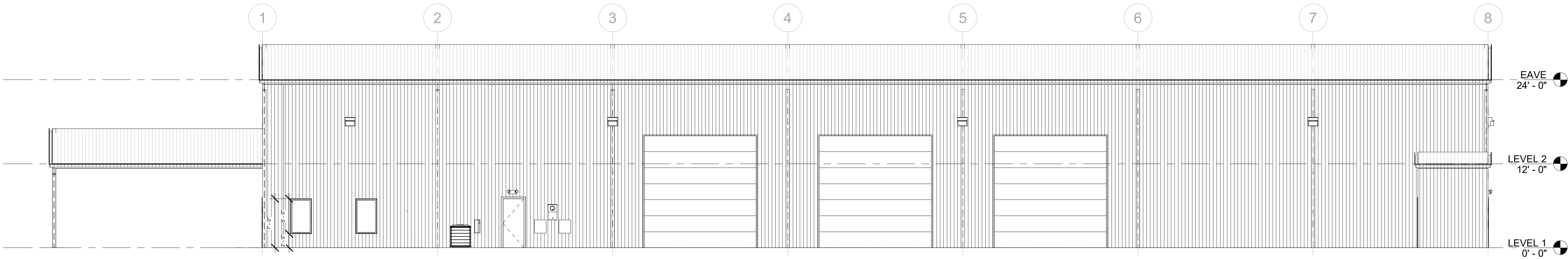
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A201

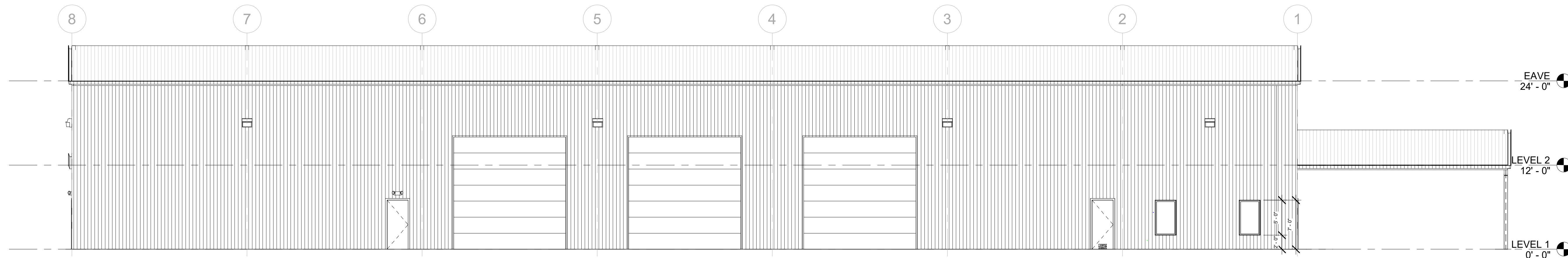
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4/3/2020 9:29:34 AM	



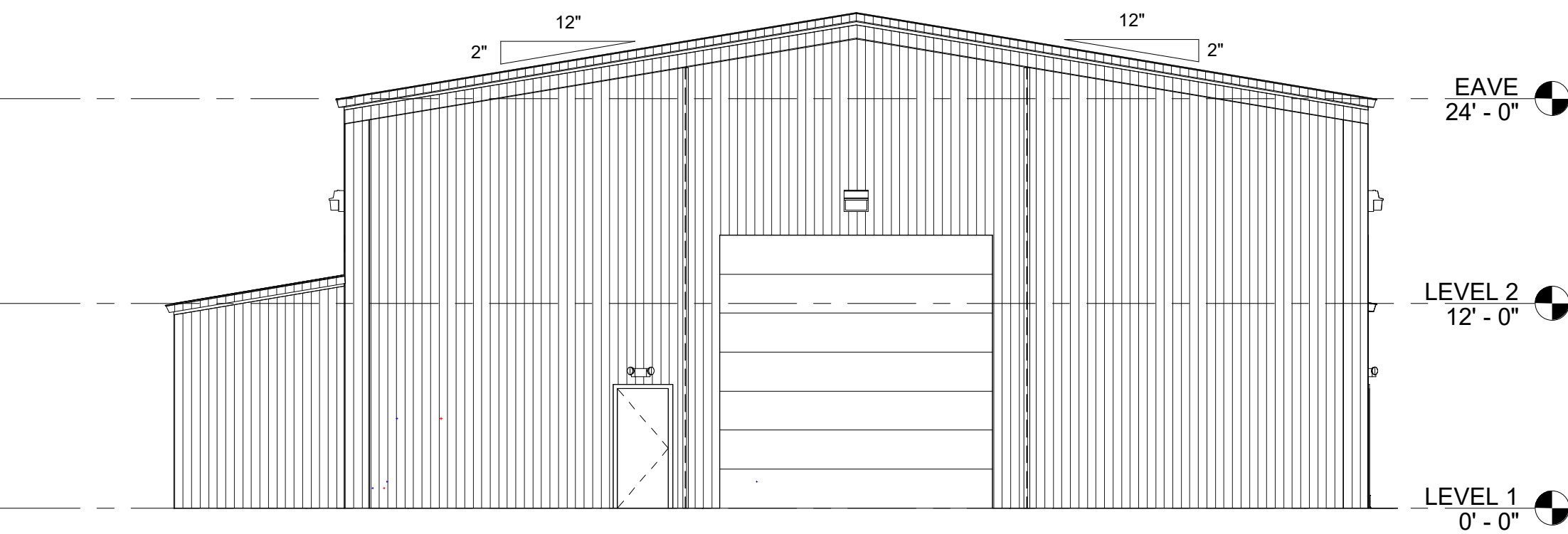
5 (3D)



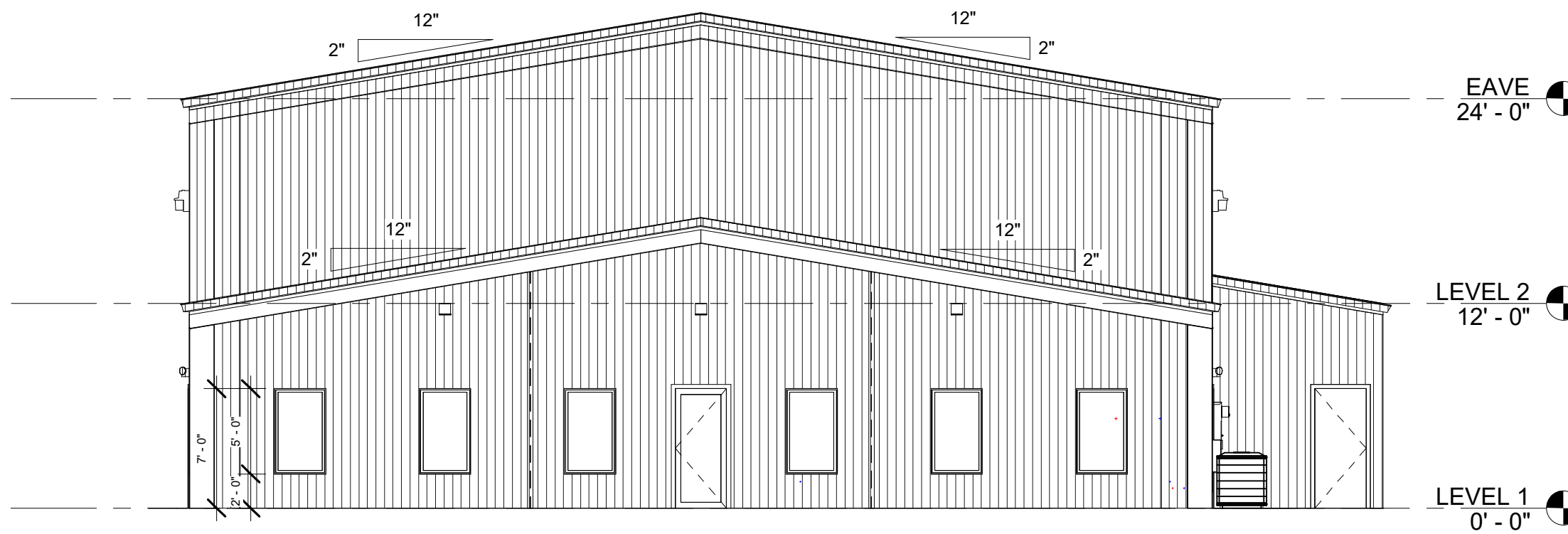
1 NORTH
1/8" = 1'-0"



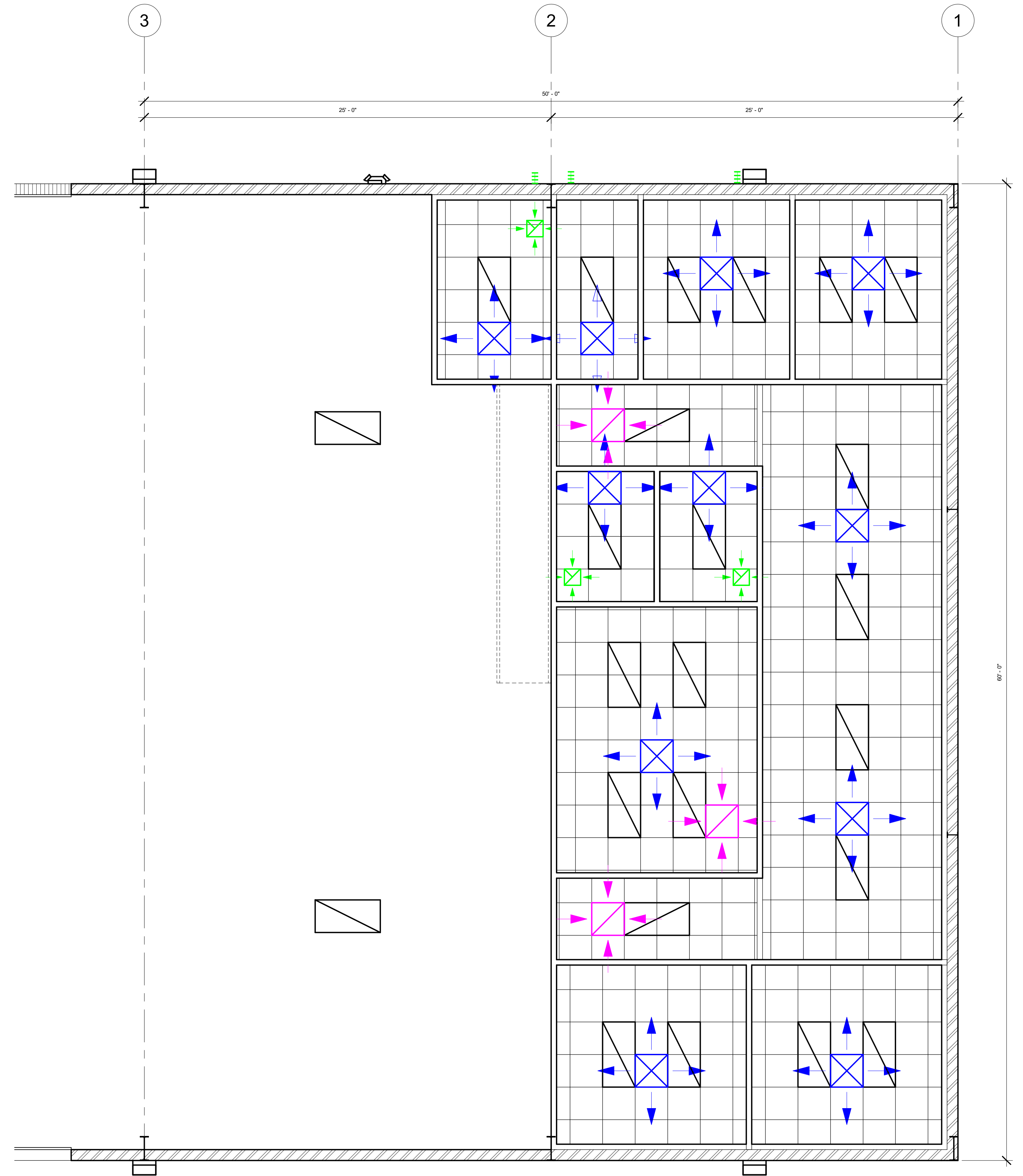
2 SOUTH
1/8" = 1'-0"



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



3 EAST
1/8" = 1'-0"



① LEVEL 1
1/4" = 1'-0"

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AL ARANDA

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REFLECTIVE
CEILING PLAN

Project number	-
Date	1/6/20
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RCP101

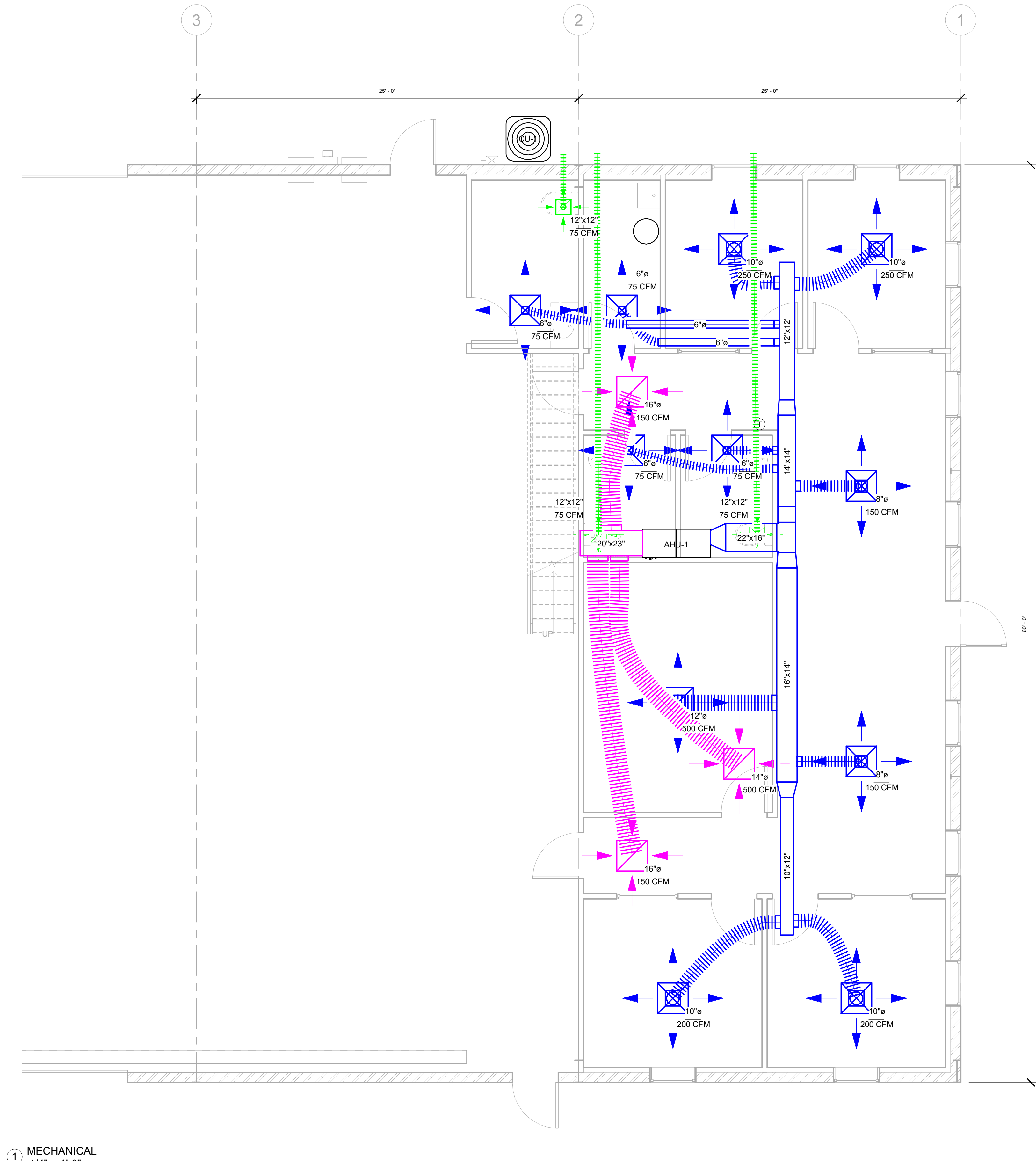
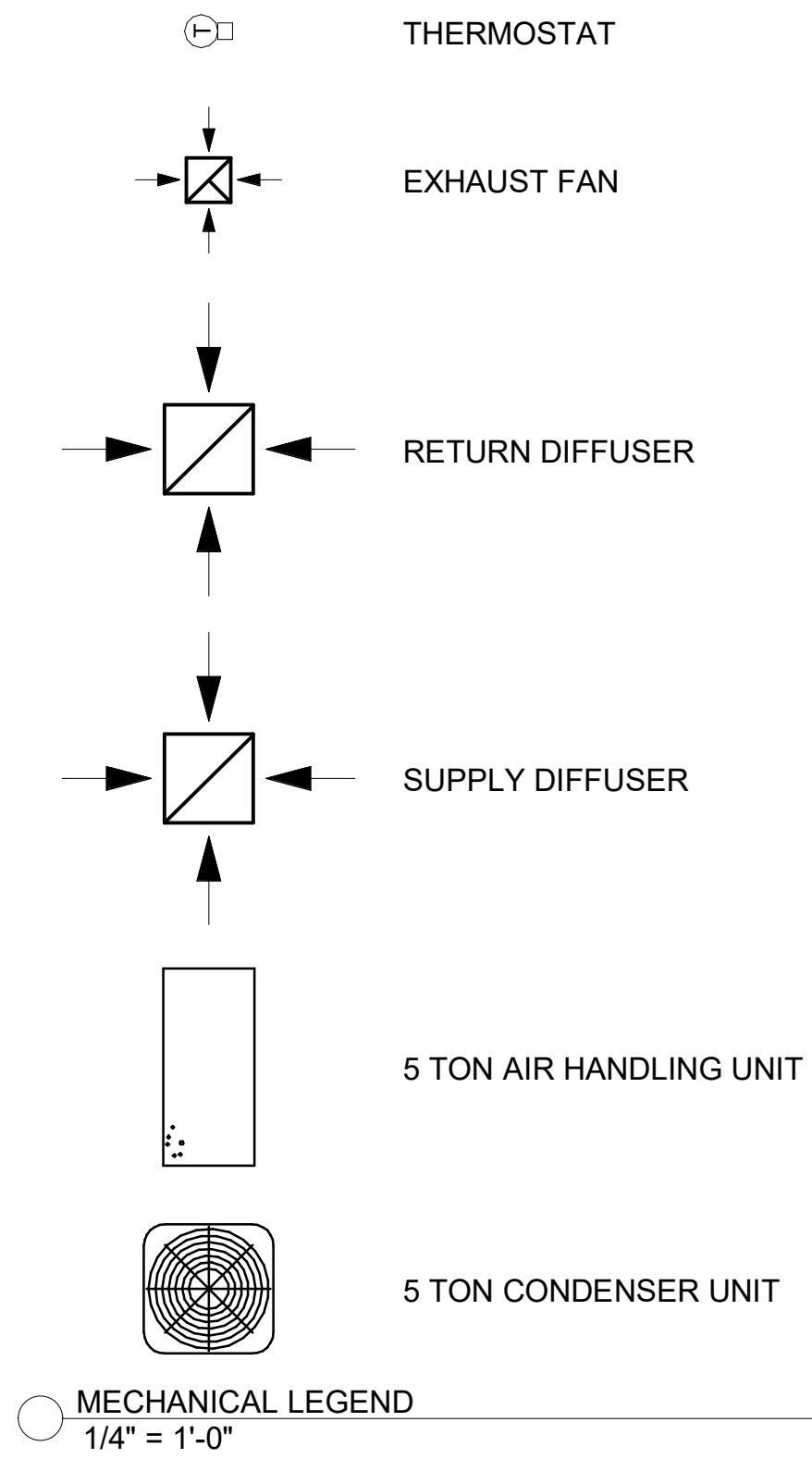
Scale	1/4" = 1'-0"
4/3/2020 9:29:43 AM	

GENERAL MECHANICAL NOTES

1. COORDINATE EXACT LOCATION OF CEILING DIFFUSERS AND GRILLES WITH ELECTRICAL/REFLECTED CEILING PLAN.
2. COORDINATE EXACT ROUTING OF DUCTWORK ABOVE CEILING WITH STRUCTURAL FRAMING MEMBERS. VERIFY SIZES AND LOCATION OF SAID FRAMING MEMBERS.
3. DUCT SYSTEM SHALL BE PROPERLY SEALED, HUNG, SUPPORTED, STIFFENED, ETC...
4. BALANCE HVAC SYSTEM WITHIN THE SPACE REQUIRED FOR PROPER SERVICE.
5. MAIN DUCT SHALL BE METAL AND INSULATION TO SPECIFICATIONS.
6. BRANCH DUCT SHALL BE ROUND METAL WITH EXTERNAL 1 1/2" VINYL BACKED INSULATION.
7. PROVIDE 20GA. AUXILIARY DRAIN PAN BELOW ALL HVAC UNITS. EXTEND DRAIN TO EXTERIOR.
8. PROVIDE BALANCING DAMPERS IN ALL BRANCHING DUCT.
9. PROVIDE TURNING VANES AT ALL TURNS IN TRUNK LINES.
10. DUCT DIMENSIONS (IF SHOWN) ARE CLEAR INSIDE DIMENSIONS.
11. ALL VENT PIPING SHALL BE ROUTED TO BACKSIDE OF ROOF. NO VENT PIPING PENETRATIONS SHALL BE ALLOWED ON THE FRONT ROOF SLOPE OF THE FACILITY.
12. PROVIDE FILTER GRILLES AT ALL RETURN AIR GRILLES.

NOTE:

THE HEATING / AIR CONDITIONING WORK ON THESE PLANS IS DEPICTED ONLY.
THE HVAC CONTRACTOR SHALL PROVIDE EXACT DESIGN AND SIZING OF ALL
HVAC WORK AND EQUIPMENT TO BE INSTALLED. THE HVAC CONTRACTOR
SHALL BE REGISTERED TO MEET ALL REQUIREMENTS IN THE STATE.



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No.	Revisions	Date

VERSION 3.0

AL ARANDA

MECHANICAL PLAN

Project number	-
Date	1/6/20
Drawn by	MF
Checked by	JD

M101

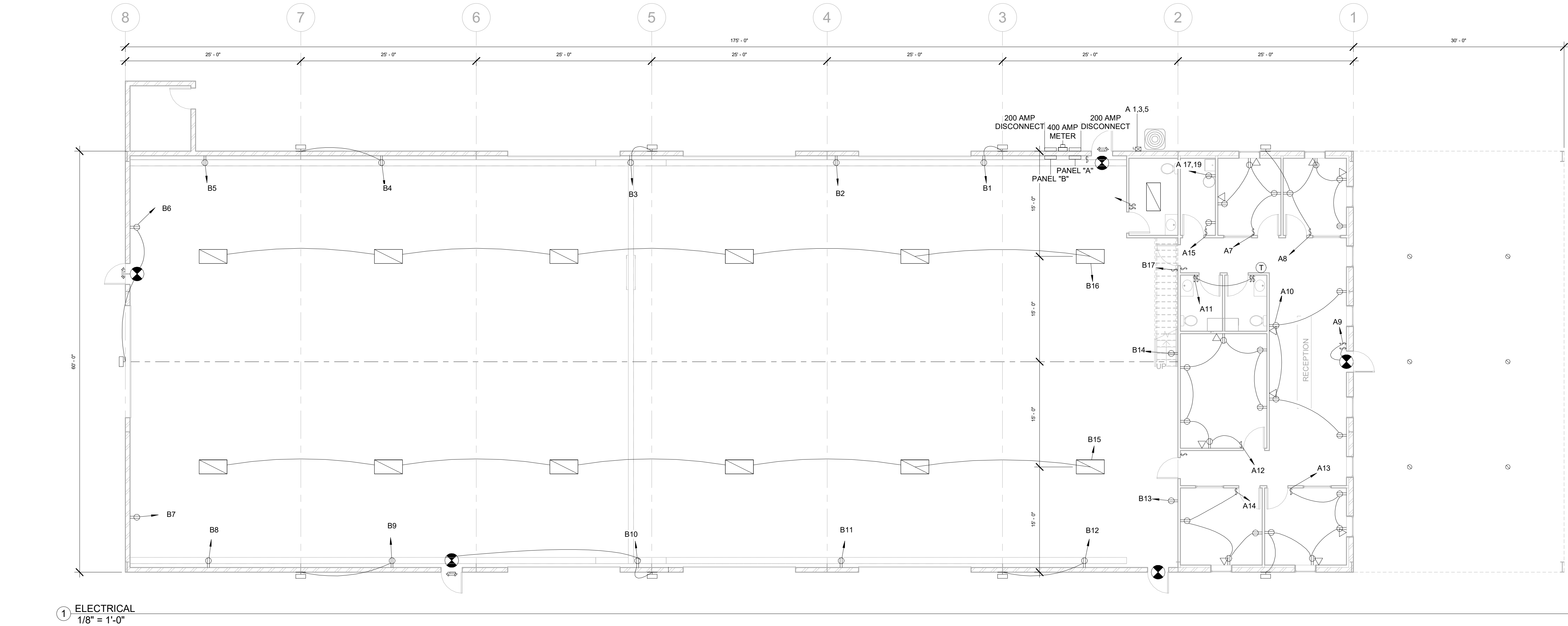
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GENERAL ELECTRICAL NOTES

1. ALL ELECTRICAL TO BE INSTALLED IN ACCORDANCE WITH ALL NATIONAL, STATE, AND LOCAL GOVERNING CODES.
2. ALL CONDUCTORS TO BE COPPER.
3. VERIFY ELECTRICAL SERVICE POINTS AND LOCATIONS PRIOR TO CONSTRUCTION.
4. COORDINATE LOCATION OF CEILING SUPPLY GRILLES WITH LIGHT FIXTURE LOCATIONS.
5. ALL ELECTRICAL EQUIPMENT MUST BE UL APPROVED.
6. ALL DATA & TELEPHONE CIRCUITING SHALL BE FURNISHED AND INSTALLED BY ELECTRICAL CONTRACTOR. ELECTRICAL CONTRACTOR SHALL PROVIDE 3/4" CONDUIT STUB-UP, VERIFY REQUIREMENTS WITH TENANT.
7. VERIFY EXACT LOCATION OF ALL ELECTRICAL DEVICES WITH THE OWNER.
8. ALL CONDUIT AND WIRE SHALL BE ARRANGED TO LIMIT VOLTAGE DROP TO 3% ON ANY CIRCUIT.
9. DISCONNECT SWITCHES SHALL BE GENERAL DUTY TYPE "D" OR "DU".
10. CONTRACTOR SHALL COORDINATE THE INSTALLATION OR THE REARRANGEMENT OF THE ELECTRICAL SERVICES WITH ELECTRIC COMPANY. CONTRACTOR SHALL BE RESPONSIBLE FOR ANY LABOR AND MATERIALS ASSOCIATED WITH THE INSTALLATION OF ANY AND ALL ENCLOSURES, RACEWAYS, GROUND RODS, OR ANY SERVICE CONDUCTOR. ALL SUCH WORK SHALL BE INCLUDED IN THE BID PRICE.
11. ALL WIRING UNDERGROUND WILL BE RUN IN NEMA TC2 PVC CONDUIT. WIRING INSIDE THE BUILDING WILL BE RUN IN STEEL CONDUIT OR MC CABLE AS PER CODE REQUIREMENTS.
12. ALL POWER CONDUCTORS SHALL BE COPPER
13. UNLESS OTHERWISE NOTED OR LARGER SIZE REQUIRED BY CODE, CONTRACTOR SHALL INSTALL A #12 AWG GROUNDING CONDUCTOR IN EACH RACEWAY. THIS CONDUCTOR SHALL BE BONDED TO ANY BOX OR ENCLOSURE THROUGH WHICH IT PASSES OR TERMINATES UNLESS SPECIFICALLY NOTED OTHERWISE. THIS CONDUCTOR SHALL EITHER HAVE GREEN JACKET OR BE CODED AT ALL ACCESSIBLE POINTS WITH GREEN TAPE.
14. ALL TERMINAL DEVICES SHALL BE SPECIFICALLY RATED FOR THE TYPE OF CONDUCTORS USED IN THAT TERMINAL. EG., AC/LU RATED TERMINALS FOR COPPER CONDUCTORS, STRANDED WIRE COMPATIBLE TERMINALS FOR USE WITH STRANDED CONDUCTORS, SOLID WIRE COMPATIBLE TERMINALS FOR USE WITH SOLID CONDUCTORS. IN ADDITION, ALL TERMINALS OF ALL DEVICES SHALL BE RATED FOR OPERATOR AT 75 DEGREES CELSIUS.
15. THE CONTRACTOR IS RESPONSIBLE FOR INSPECTING THE SITE TO IDENTIFY AND MAKE ALLOWANCES IN THE BID FOR ANY OBSTRUCTION OR SUBGRADE PIPING, ETC...
16. ALL RACEWAY AND EQUIPMENT INSTALLED OUTSIDE THE BUILDING SHALL BE WEATHERPROOF.
17. WHERE CONFLICT OCCURS IN THE PLANS OR SPECIFICATIONS WITH ANY LOCAL CODES, THE MORE STRINGENT REQUIREMENTS WILL APPLY.
18. ALL ELECTRICAL PANELS TO BE RECESSED TYPE.

NOTE:

THE ELECTRICAL WORK ON THESE PLANS IS DEPICTED ONLY. THE ELECTRICAL CONTRACTOR SHALL PROVIDE EXACT DESIGN AND SIZING OF WIRING, SWITCHES AND EQUIPMENT TO BE INSTALLED. THE ELECTRICIAN SHALL BE REGISTERED TO MEET ALL REQUIREMENTS IN THE STATE.



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AL ARANDA

ELECTRICAL PLAN

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E101

Scale	As indicated
4/3/2020 9:29:35 AM	

Branch Panel: PANEL "A"													
Location: SHOP 110				Volts: 120/208 Wye				A.I.C. Rating:					
Supply From:				Phases: 3				Mains Type:					
Mounting: Surface				Wires: 4				Mains Rating: 200 A					
Enclosure:								MCB Rating: 200 A					
Notes:													
CKT	Circuit Description	Trip	Poles	A		B		C		Poles	Trip	Circuit Description	CKT
1	AC UNIT	50 A	3	4800...	5760...					3	50 A	HEATER UNIT	2
3	--	--	--			4800...	5760...			--	--	--	4
5	--	--	--					4800...	5760...	--	--	--	6
7	OFFICE 102	20 A	1	720 VA	950 VA					1	20 A	OFFICE 101	8
9	MAIN LIGHTS	20 A	1			960 VA	720 VA			1	20 A	RECEPTION AREA PLUGS	10
11	RESTROOMS	20 A	1					720 VA	1080...	1	20 A	CONGERENCE ROOM	12
13	OFFICE 103	20 A	1	720 VA	720 VA					1	20 A	OFFICE 104	14
15	STORAGE ROOM	20 A	1			540 VA							16
17	WATER HEATER	20 A	1					2400...					18
19	WATER HEATER	20 A	1	2400...									20
21													22
23													24
25													26
27													28
29													30
31													32
33													34
35													36
37													38
39													40
41													42
Total Load:				16070 VA		12780 VA		14760 VA					
Total Amps:				136 A		107 A		126 A					
Legend:													
Load Classification				Connected Load		Demand Factor		Estimated Demand		Panel Totals			
Spare				43610 VA		100.00%		43610 VA					
										Total Conn. Load: 43610 VA			
										Total Est. Demand: 43610 VA			
										Total Conn.: 121 A			
										Total Est. Demand: 121 A			
Notes:													

Branch Panel: PANEL "B"													
Location: SHOP 110				Volts: 120/208 Wye				A.I.C. Rating:					
Supply From:				Phases: 3				Mains Type:					
Mounting: Surface				Wires: 4				Mains Rating: 200 A					
Enclosure:								MCB Rating: 200 A					
Notes:													
CKT	Circuit Description	Trip	Poles	A		B		C		Poles	Trip	Circuit Description	CKT
1	SHOP PLUG AND WALL PACK	20 A	1	360 VA	180 VA					1	20 A	SHOP PLUG	2
3	SHOP PLUG AND WALL PACK	20 A	1			360 VA	360 VA			1	20 A	SHOP PLUG AND WALL PACK	4
5	SHOP PLUG	20 A	1					180 VA	540 VA	1	20 A	SHOP PLUG WALL PACK EXIT LIGHT	6
7	SHOP PLUG	20 A	1	180 VA	180 VA					1	20 A	SHOP PLUG	8
9	SHOP PLUG AND WALL PACK	20 A	1			360 VA	540 VA			1	20 A	SHOP PLUG WALL PACK EXIT LIGHT	10
11	SHOP PLUG	20 A	1					180 VA	360 VA	1	20 A	SHOP PLUG AND WALL PACK	12
13	SHOP PLUG	20 A	1	180 VA	180 VA					1	20 A	SHOP PLUG	14
15	SHOP PLUG	20 A	1			1296...	1296...			1	20 A	SHOP LIGHTS	16
17													18
19													20
21													22
23													24
25													26
27													28
29													30
31													32
33													34
35													36
37													38
39													40
41													42
Total Load:				1260 VA		4212 VA		1260 VA					
Total Amps:				11 A		35 A		11 A					
Legend:													
Load Classification				Connected Load		Demand Factor		Estimated Demand		Panel Totals			
Spare				6732 VA		100.00%		6732 VA					
										Total Conn. Load: 6732 VA			
										Total Est. Demand: 6732 VA			
										Total Conn.: 19 A			
										Total Est. Demand: 19 A			
Notes:													

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ELECTRICAL PLAN

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E102

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NOTE:
THE PLUMBING WORK ON THESE PLANS IS DEPICTED ONLY. THE CONTRACTOR SHALL PROVIDE EXACT DESIGN AND SIZING OF ALL WATER & SEWER LINES, CONNECTIONS AND EQUIPMENT TO BE INSTALLED. THE PLUMBER SHALL BE REGISTERED TO MEET ALL REQUIREMENTS IN THE STATE.

