

**CODE SUMMARY**

NAME OF PREMISES: NEW 12,000 SQ. FT. METAL BUILDING  
 ADDRESS: IMESON ROAD, JACKSONVILLE, FLORIDA  
 PROJECT DESCRIPTION  
 NEW PRE-ENGINEERED METAL BUILDING  
 JURISDICTION: DUVAL COUNTY, FLORIDA

APPLICABLE BUILDING CODES  
 2020 FLORIDA BUILDING CODE  
 2020 FLORIDA MECHANICAL CODE  
 2020 FLORIDA PLUMBING CODE  
 SEVENTH EDITION FLORIDA FIRE PREVENTION CODE  
 2017 NATIONAL ELECTRICAL CODE

FLORIDA BUILDING CODE, BUILDING  
 OCCUPANCY: GROUP B, BUSINESS AND GROUP S-2, STORAGE

AREA OF PROPOSED CONSTRUCTION: FIRST FLOOR = 12,000 SQ. FT.  
 TOTAL BUILDING AREA = 12,000 SQ. FT.  
 NUMBER OF STORES = 1  
 BUILDING HEIGHT = 18' EAVE HEIGHT  
 CONSTRUCTION TYPE (N), UNPROTECTED, UNSPRINKLERED

CHAPTER 10 - OCCUPANT LOAD AND EGRESS  
 BUSINESS (150 GROSS) 1,600 SF / 150 = 11  
 WAREHOUSE (500 GROSS) 10,400 SF / 500 = 21

TOTAL OCCUPANTS = 32  
 EGRESS WIDTH, FIRST FLOOR: 32 X 0.20 = 6.4' REQUIRED, 144" PROVIDED.

SECTION 1002.1  
 CORRIDOR WALLS ARE NOT REQUIRED TO BE RATED PER EXCEPTION NO. 4  
 GROUP B OCCUPANT LOAD IS LESS THAN THE MAXIMUM ALLOWABLE FOR A  
 SINGLE EXIT PER TABLE 1002.1

TABLE 1002.1  
 OCCUPANT LOAD SERVED BY CORRIDOR IS 30 OR FEWER OCCUPANTS. NO  
 CORRIDOR WALL RATING IS REQUIRED.

FOUR EXITS ARE PROVIDED  
 INTERIOR FINISHES:  
 UNSPRINKLERED BUILDING  
 EXITS AND EXIT PASSAGEWAYS CLASS A  
 CORRIDORS CLASS B  
 ROOMS AND ENCLOSED AREAS CLASS C

CHAPTER 12 - INTERIOR ENVIRONMENT  
 SECTION 1202.2 FOR RESTROOMS ACCESSIBLE TO THE PUBLIC WALLS AND  
 PARTITIONS WITHIN 2'-0" OF SERVICE SINKS, URINALS AND WATER CLOSETS  
 SHALL HAVE A SMOOTH, HARD, NON-ABSORBENT SURFACE TO A MINIMUM  
 HEIGHT OF 4'-0" AFF.

PLUMBING REQUIREMENTS  
 PER CHAPTER 4, FBC, PLUMBING

BUSINESS OCCUPANCY  
 WATER CLOSETS: 1 PER 25 OCCUP. 1 REQUIRED, 1 PROVIDED  
 LAVATORIES: 1 PER 40 OCCUP. 1 REQUIRED, 1 PROVIDED.

SEPARATE FACILITIES FOR MEN AND WOMEN ARE NOT REQUIRED PER SECTION 2902.2 FBC BUILDING,  
 EXCEPTION NO. 2. OCCUPANT LOAD OF 15 OR FEWER.

STORAGE OCCUPANCY  
 WATER CLOSETS: 1 PER 100 OCCUP. 1 REQUIRED, 1 PROVIDED  
 LAVATORIES: 1 PER 100 OCCUP. 1 REQUIRED, 1 PROVIDED

NOTE:  
 2-HOUR FIRE BARRIERS SHALL BE MARKED AND IDENTIFIED PER  
 SECTION 703.7, FLORIDA BUILDING CODE. WALLS SHALL BE MARKED  
 ABOVE CEILINGS WITHIN 15 FT. OF THE ENDS OF EACH SUCH WALL,  
 AND MARKED AT INTERVALS NOT TO EXCEED 30 FT. LETTERS SHALL  
 NOT BE LESS THAN 3 INCHES IN HEIGHT WITH A MINIMUM 3/8" STROKE,  
 WITH THE WORDING: "1-HOUR FIRE BARRIER. PROTECT ALL OPENINGS".

TACTILE SIGNAGE REQUIREMENTS  
 PROVIDE HANDICAPPED ACCESSIBLE  
 IDENTIFICATION/TACTILE SIGNAGE AT ALL DOORS WITH EXIT  
 SIGNS AND RESTROOMS IN COMPLIANCE WITH FBC 11-4.12  
 (1) FBC 11-4.14 & NFPA 101 7.10.13. SIGNAGE AT EXIT  
 DOORS SHALL BE MOUNTED 60" AFF ON THE LATCH SIDE.  
 SIGNAGE AT STONEPOINT DOORS AND FRAMING SHALL NOT  
 EXCEED THE WIDTH OF THE DOOR STYLE OR FRAMING  
 MEMBER.

PROPOSED CONSTRUCTION DOES NOT INVOLVE LIGHT  
 GAUGE TRUSS-TYPE CONSTRUCTION AND IS NOT SUBJECT TO  
 THE REQUIREMENTS OF FAC 69A-60.0081

FLORIDA FIRE PREVENTION CODE SUMMARY  
 (7TH EDITION, FLORIDA FIRE PREVENTION CODE)

CONSTRUCTION TYPE: I-B, PER FLORIDA BUILDING CODE  
 UNPROTECTED, UN-SPRINKLERED.

OCCUPANCY SEPARATION: TABLE 6.1.4.1

SEPARATION BETWEEN BUSINESS AND STORAGE  
 (LOW OR ORDINARY HAZARD) = 2 HOURS

SECTION 6.2 - CLASSIFICATION OF HAZARD OF CONTENTS  
 ORDINARY HAZARD PER SECTION 6.2.2.3

CHAPTER 38 - NEW BUSINESS OCCUPANCY  
 OFFICES

CHAPTER 42 - STORAGE OCCUPANCY  
 ORDINARY HAZARD CONTENTS

TOTAL AREA: 12,000 SQ. FT.  
 NUMBER OF STORES: 1  
 BUILDING HEIGHT: 18 FT. EAVE HEIGHT

INTERIOR WALL AND CEILING FINISHES SHALL BE CLASS A OR CLASS B  
 INTERIOR FLOOR FINISHES IN EXIT ENCLOSURES SHALL BE NOT LESS THAN CLASS II  
 OCCUPANT LOAD PER TABLE 7.3.1.2

BUSINESS (150 GROSS) 1,600 SF / 150 = 11  
 STORAGE - OTHER THAN MERCANTILE (500 GROSS) XXX SF / 500 = XX

TOTAL OCCUPANTS = 32  
 EGRESS WIDTH PER TABLE 7.3.3.1:  
 EGRESS WIDTH, FIRST FLOOR: 32 X 0.20 = 6.4' REQUIRED, 144" PROVIDED.

BUSINESS OCCUPANCY - UNSPRINKLERED  
 ALLOWABLE DEAD END LIMIT = 20 FT.  
 (TABLE A.7.5)  
 ALLOWABLE COMMON PATH LIMIT = 75 FT.  
 (TABLE A.7.5)  
 ALLOWABLE TRAVEL DISTANCE LIMIT = 200 FT.  
 (TABLE A.7.5)

STORAGE OCCUPANCY - UNSPRINKLERED  
 ALLOWABLE DEAD END LIMIT = 50 FT.  
 (TABLE A.7.5)  
 ALLOWABLE COMMON PATH LIMIT = 50 FT.  
 (TABLE A.7.5)  
 ALLOWABLE TRAVEL DISTANCE LIMIT = 200 FT.  
 (TABLE A.7.5)

PROPOSED CONSTRUCTION DOES NOT INCLUDE AN AUTOMATIC SPRINKLER SYSTEM.  
 PORTABLE FIRE EXTINGUISHER (LS 9.7.4): PER NFPA 10 "STANDARD FOR PORTABLE FIRE EXTINGUISHERS"  
 SEE PLAN FOR LOCATIONS

FIRE STOP SYSTEMS  
 THROUGH-PENETRATION FIRE-STOP SYSTEMS SHALL CONFORM TO THE FOLLOWING:  
 METALLIC PIPE, CONDUIT OR TUBING UL SYSTEM WL-1054  
 NON-METALLIC PIPE, CONDUIT OR TUBING UL SYSTEM WL-2098  
 TELEPHONE AND ELECTRICAL CABLES UL SYSTEM WL-3085  
 INSULATED METALLIC PIPE UL SYSTEM WL-5021  
 MISC. ELECTRICAL PENETRATIONS UL SYSTEM WL-3065  
 MISC. MECHANICAL PENETRATIONS UL SYSTEM WL-7000

ARCHITECT'S STATEMENT: TO THE BEST OF MY KNOWLEDGE, THIS DESIGN COMPLIES WITH THE  
 REQUIREMENTS OF THE SIXTH EDITION OF THE FLORIDA FIRE PREVENTION CODE, (FFPC)

NO - STORAGE IN AREAS GREATER THAN 12,000 SQ. FT.  
 NO - STORAGE OF HIGH-LEAD COMBUSTIBLES OVER 12 FT. HIGH EXCEEDING 2500 SQ. FT.?  
 NO - STORAGE OF GROUP A PLASTICS OVER 5 FT. HIGH EXCEEDING 2500 SQ. FT.?  
 NO - STORAGE OF RUBBER TIRES?  
 NO - STORAGE OF RECORDS (PAPER)?  
 NO - STORAGE OF CELLULOSE NITRATE MOTION PICTURE FILM?  
 NO - STORAGE OF AEROSOL PRODUCTS?  
 NO - STORAGE OF FLAMMABLE AND COMBUSTIBLE LIQUIDS?  
 NO - STORAGE OF PORTABLE LP GAS CONTAINERS?  
 NO - STORAGE OF OXIDIZERS?  
 NO - STORAGE OF ORGANIC PEROXIDE?

NFPA 1 - CHAPTER 34  
 34.1 - GENERAL  
 STORAGE WILL BE OF CONSTRUCTION RELATED TOOLS, EQUIPMENT AND MACHINERY.

34.2 - CLASSIFICATION OF COMMODITIES  
 THERE WILL BE NO STORAGE ON PALLETS. NO STORAGE OF GROUP A, B, OR C MATERIALS EXCEPT INSOFAR AS CONSTRUCTION RELATED  
 STORED ITEMS MAY BE COMPRESSED PARTIALLY OF SUCH MATERIALS.

34.3 - BUILDING CONSTRUCTION  
 CONSTRUCTION TYPE (N) UNPROTECTED, UNSPRINKLERED, PER FBC

34.4 - STORAGE ARRANGEMENT  
 ITEMS WILL BE ARRANGED TO MAINTAIN PATHS OF EGRESS AND ACCESS TO EXITS. ITEMS WILL NOT INTERFERE WITH VENTILATION OR  
 HEATING.

34.5 - GENERAL FIRE PROTECTION  
 PORTABLE FIRE EXTINGUISHERS ARE TO BE LOCATED AS SHOWN ON THE LIFE SAFETY PLAN

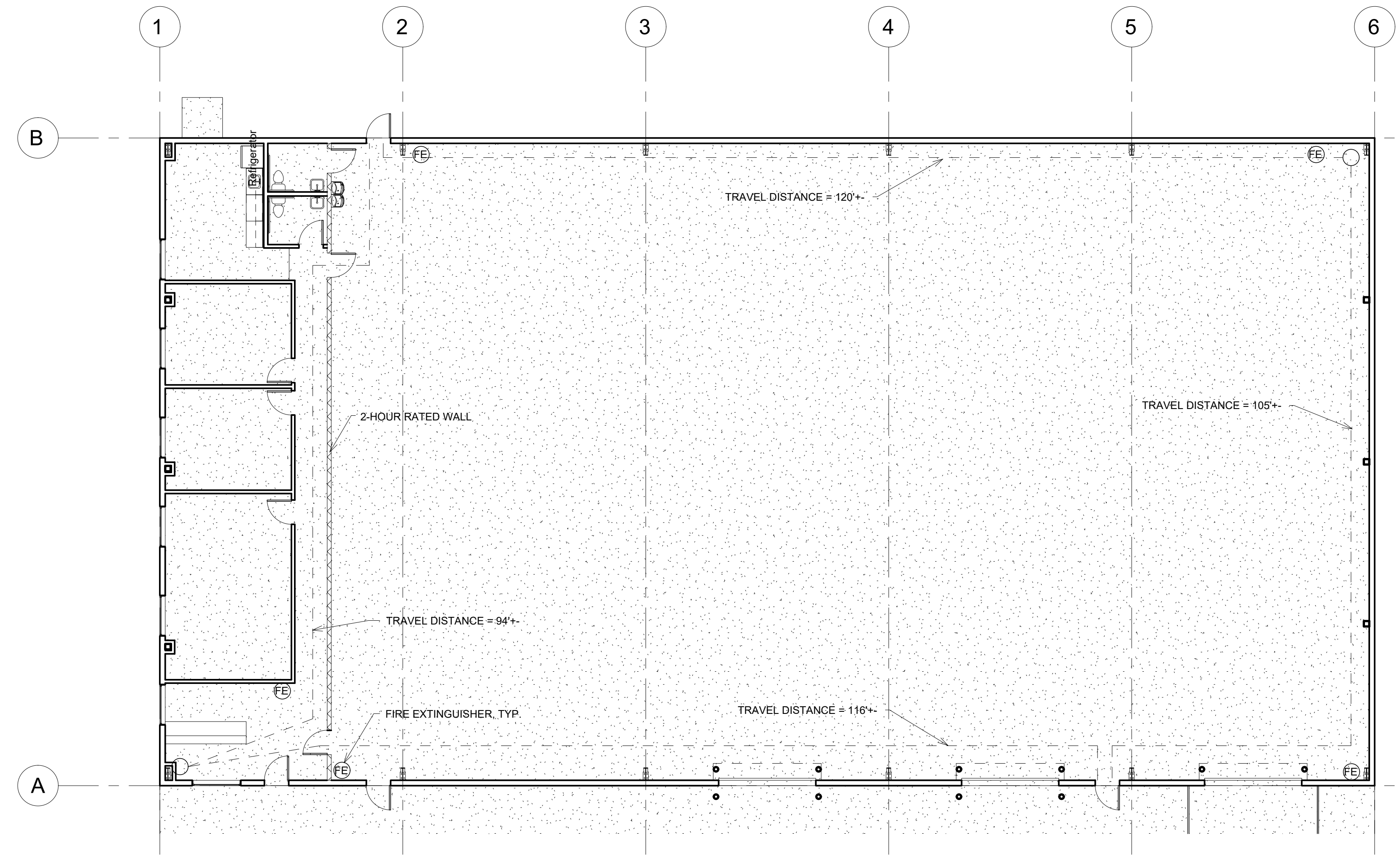
34.6 - BUILDING EQUIPMENT, MAINTENANCE, AND OPERATIONS  
 FIRE PROTECTION SYSTEMS WILL BE INSPECTED, TESTED, AND MAINTAINED PER NFPA 25.

34.7 - PROTECTION OF RACK STORAGE  
 THERE WILL BE NO RACK STORAGE OVER 12 FT. HIGH  
 RACKS, WHERE USED, WILL BE ARRANGED TO MAINTAIN PATHS OF EGRESS AND ACCESS TO EXITS. ITEMS WILL NOT INTERFERE WITH  
 VENTILATION OR HEATING.

34.8 - PROTECTION OF RUBBER TIRES  
 THERE WILL BE NO STORAGE OF RUBBER TIRES.

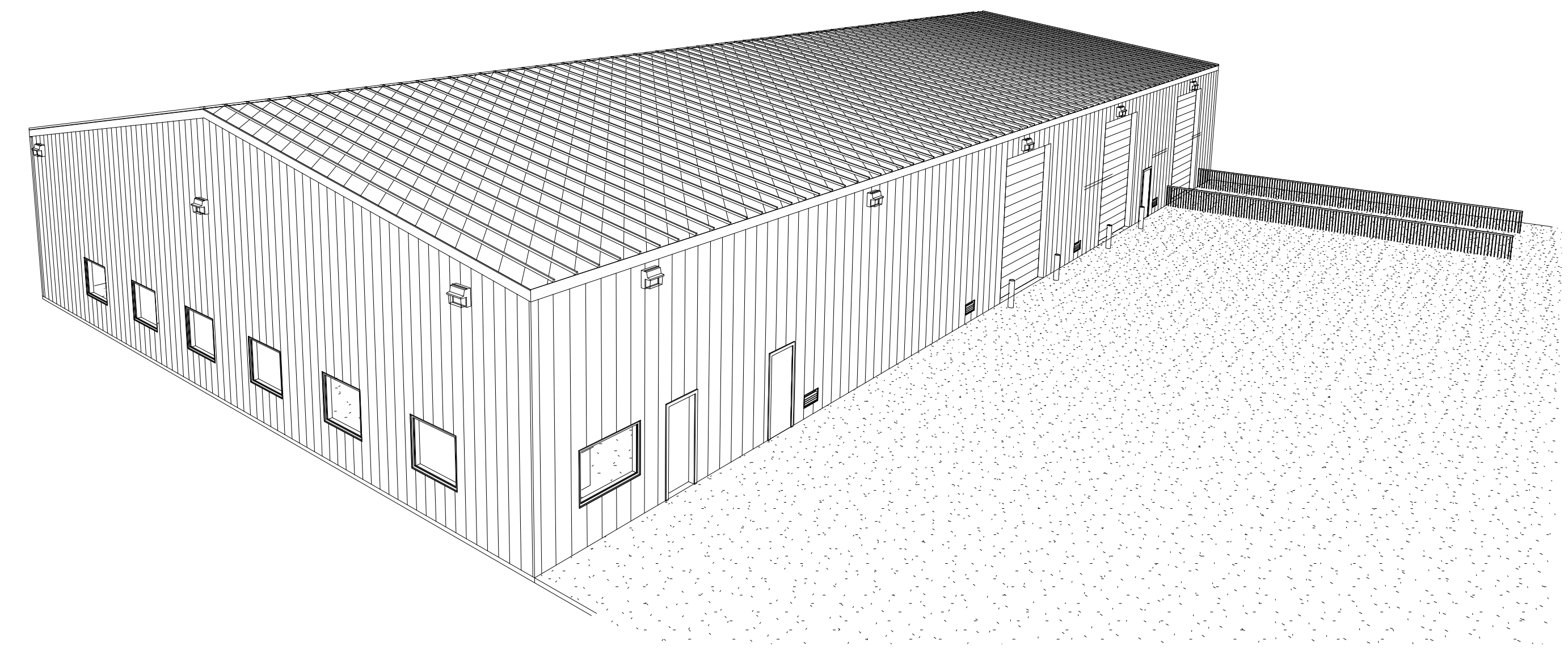
34.9 - PROTECTION OF ROLL PAPER  
 THERE WILL BE NO STORAGE OF ROLL PAPER.

34.10 - STORAGE OF IDLE PALLETS  
 THERE WILL BE NO STORAGE OF IDLE PALLETS



1 LIFE SAFETY PLAN  
 1" = 10'-0"

NOTE: EXIT AND EMERGENCY LIGHTING PER ELECTRICAL DRAWINGS



2 3D View 1

Sheet List	
Sheet Number	Sheet Name
A-0	COVER SHEET
A-1	FLOOR PLAN
A-2	CEILING PLAN
A-3	ELEVATIONS
A-4	SECTIONS
A-5	DETAILS AND SCHEDULES
S-1	FOUNDATION PLAN
S-2	SECTIONS
M-1	SCHEDULES & DETAILS - MECHANICAL
M-2	FLOOR PLAN - MECHANICAL
E-1	SITE PLAN AND LEGEND - ELECTRICAL
E-2	FLOOR PLAN - LIGHTING
E-3	FLOOR PLAN - POWER
P-1	SCHEDULES & DETAILS - PLUMBING
P-2	FLOOR PLAN - PLUMBING

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**IMESON 12 KSF METAL BUILDING**  
 K&G CONSTRUCTION  
 IMESON ROAD, JACKSONVILLE FLORIDA  
**COVER SHEET**

REVISIONS

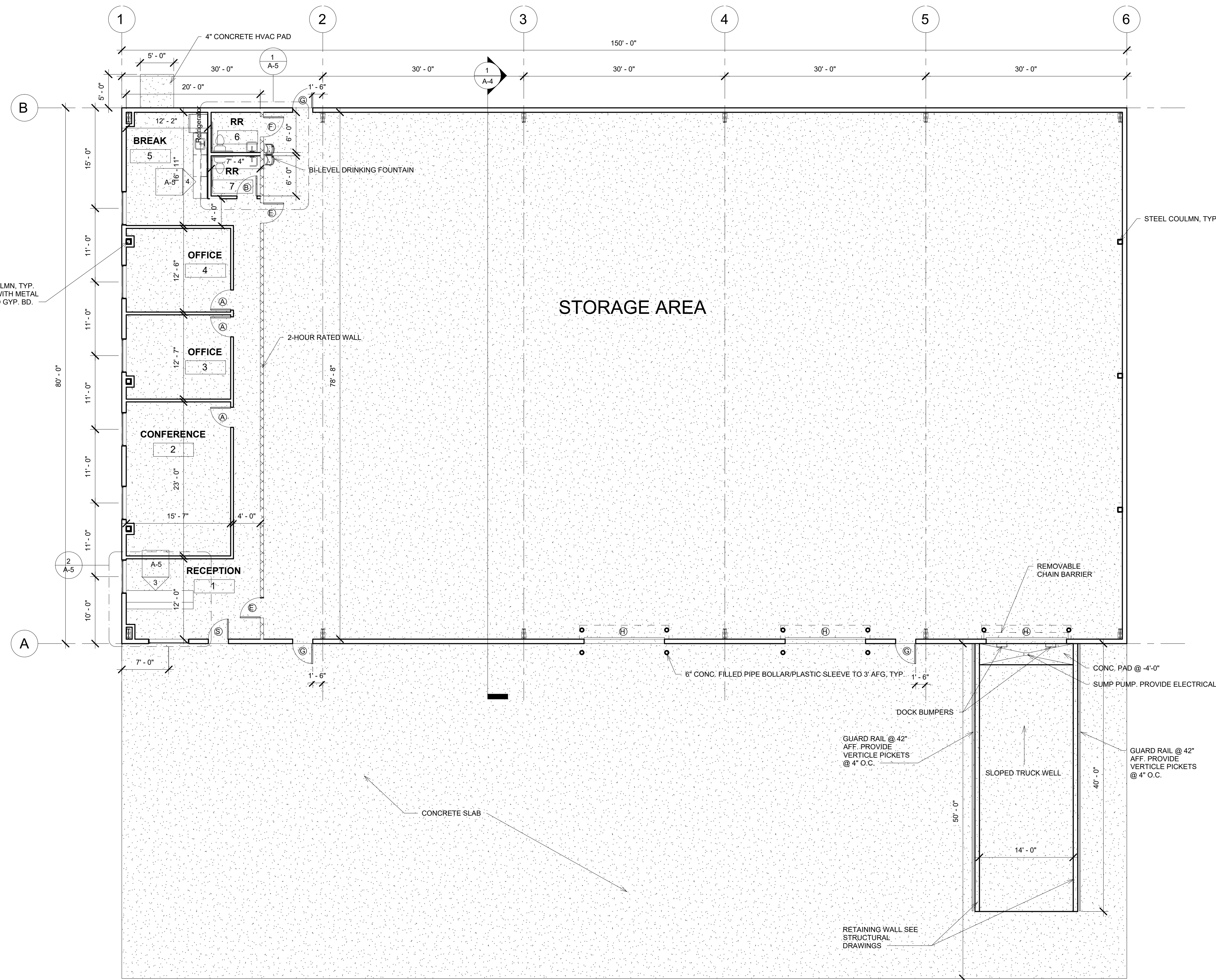
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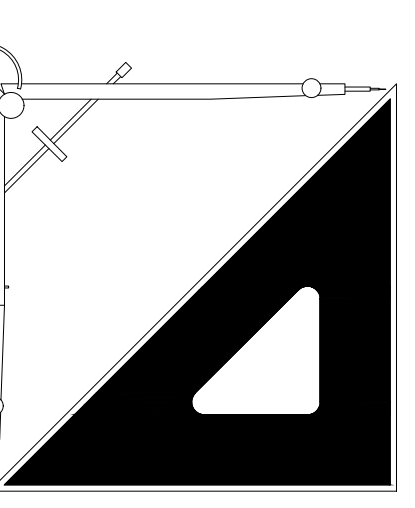
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 JOB NUMBER  
 Project Number

SCALE  
 1" = 10'-0"

DRAWING NUMBER  
**A-0**



1 FLOOR PLAN  
1/8" = 1'-0"



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**IMESON 12 KSF METAL BUILDING**  
**K&G CONSTRUCTION**  
 IMESON ROAD, JACKSONVILLE FLORIDA  
**FLOOR PLAN**

REVISIONS

NO.	DESCRIPTION

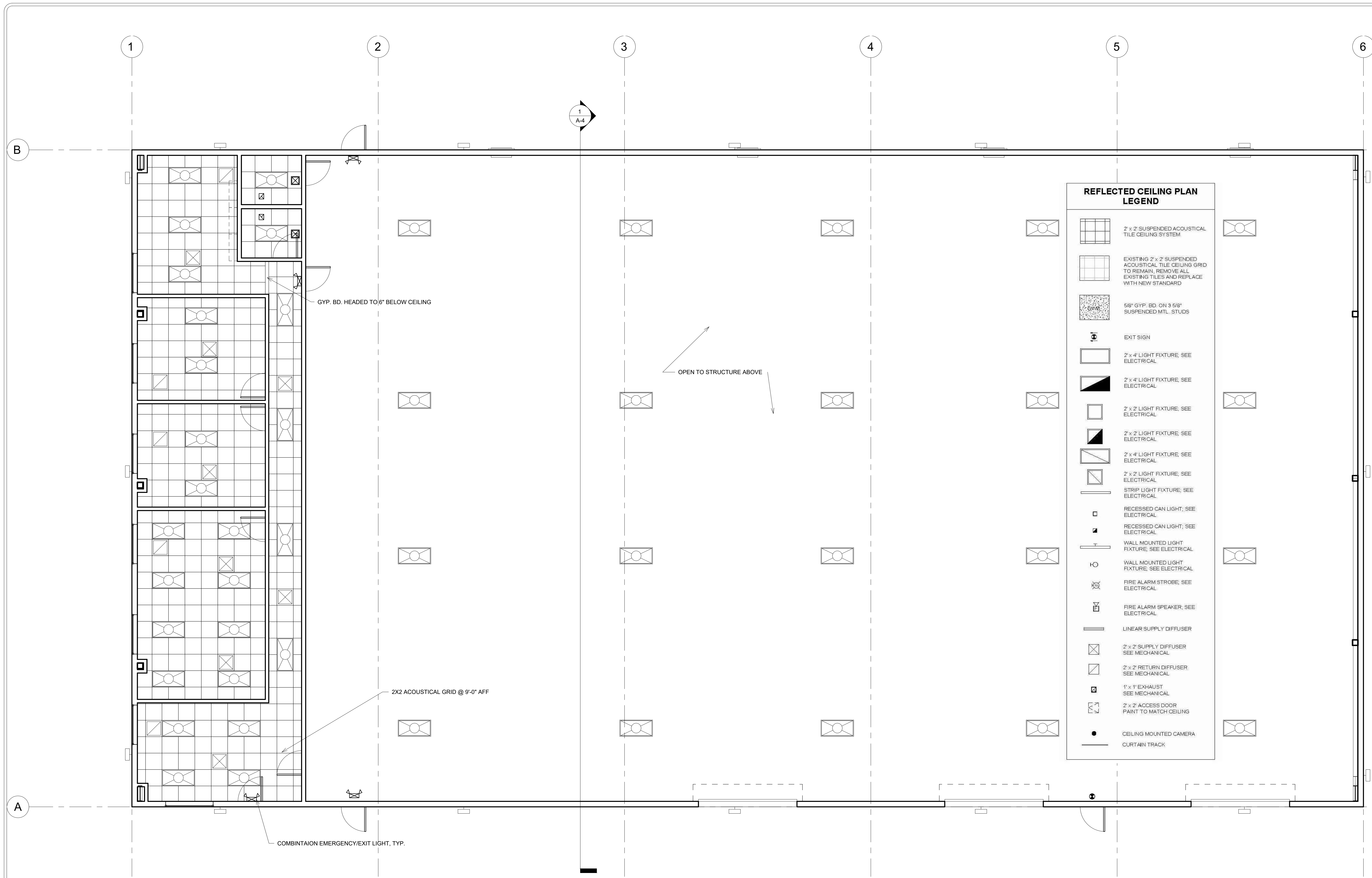
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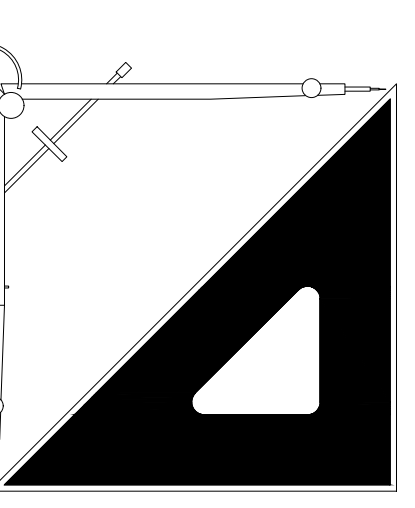
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SCALE  
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**A-1**



REFLECTED CEILING PLAN LEGEND	
	2 x 2' SUSPENDED ACOUSTICAL TILE CEILING SYSTEM
	EXISTING 2 x 2' SUSPENDED ACOUSTICAL TILE CEILING GRID TO REMAIN, REMOVE ALL EXISTING TILES AND REPLACE WITH NEW STANDARD
	5/8" GYP. BD ON 3/8" SUSPENDED MTL. STUDS
	EXIT SIGN
	2 x 4' LIGHT FIXTURE, SEE ELECTRICAL
	2 x 4' LIGHT FIXTURE, SEE ELECTRICAL
	2 x 2' LIGHT FIXTURE, SEE ELECTRICAL
	2 x 2' LIGHT FIXTURE, SEE ELECTRICAL
	2 x 4' LIGHT FIXTURE, SEE ELECTRICAL
	2 x 2' LIGHT FIXTURE, SEE ELECTRICAL
	STRIP LIGHT FIXTURE, SEE ELECTRICAL
	RECESSED CAN LIGHT, SEE ELECTRICAL
	RECESSED CAN LIGHT, SEE ELECTRICAL
	WALL MOUNTED LIGHT FIXTURE, SEE ELECTRICAL
	WALL MOUNTED LIGHT FIXTURE, SEE ELECTRICAL
	FIRE ALARM STROBE, SEE ELECTRICAL
	FIRE ALARM SPEAKER, SEE ELECTRICAL
	LINEAR SUPPLY DIFFUSER
	2 x 2' SUPPLY DIFFUSER SEE MECHANICAL
	2 x 2' RETURN DIFFUSER SEE MECHANICAL
	1' x 1' EXHAUST SEE MECHANICAL
	2 x 2' ACCESS DOOR PAINT TO MATCH CEILING
	CEILING MOUNTED CAMERA
	CURTAIN TRACK



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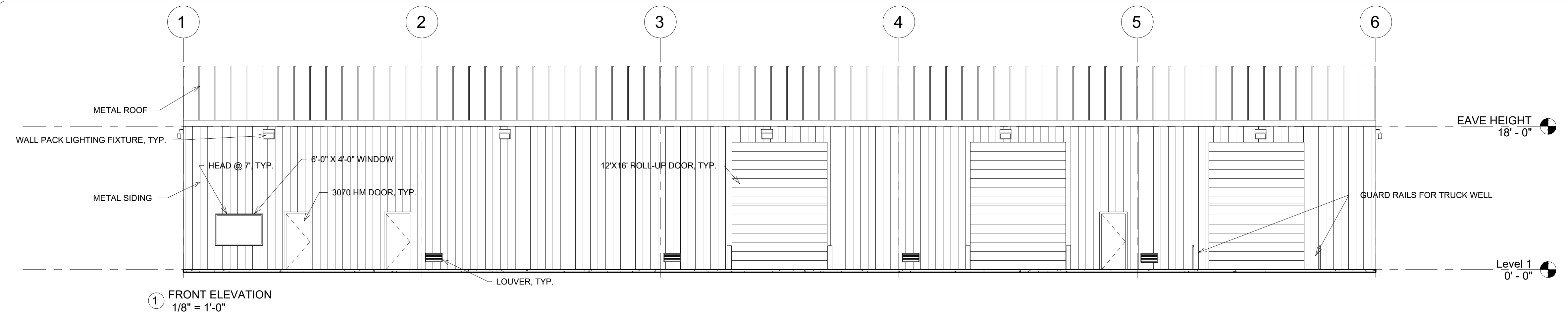
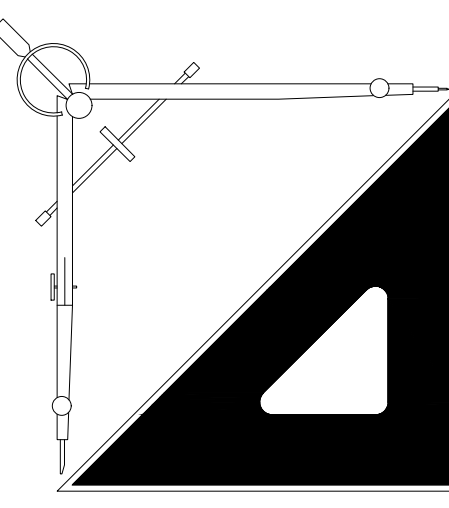
**IMESON 12 KSF METAL BUILDING**  
**K&G CONSTRUCTION**  
 IMESON ROAD, JACKSONVILLE FLORIDA  
**CEILING PLAN**

REVISIONS

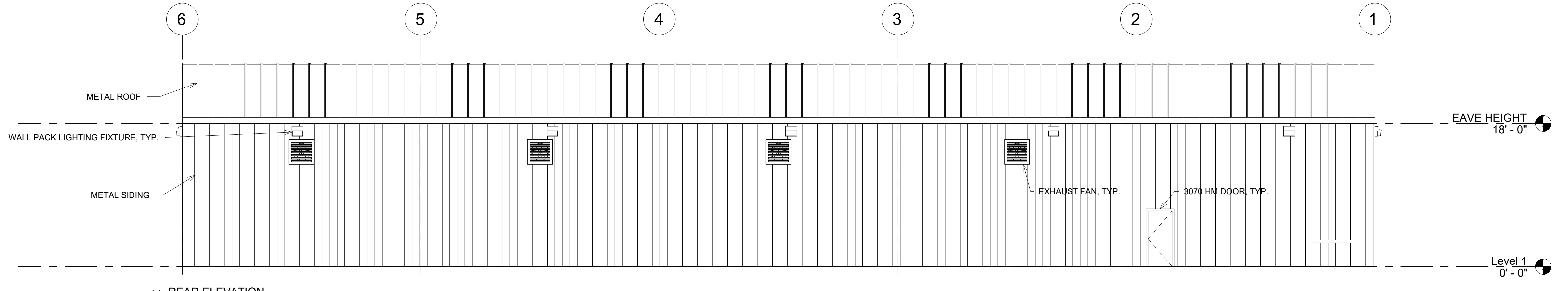
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 Project Number  
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 3/16" = 1'-0"  
 DRAWING NUMBER  
**A-2**

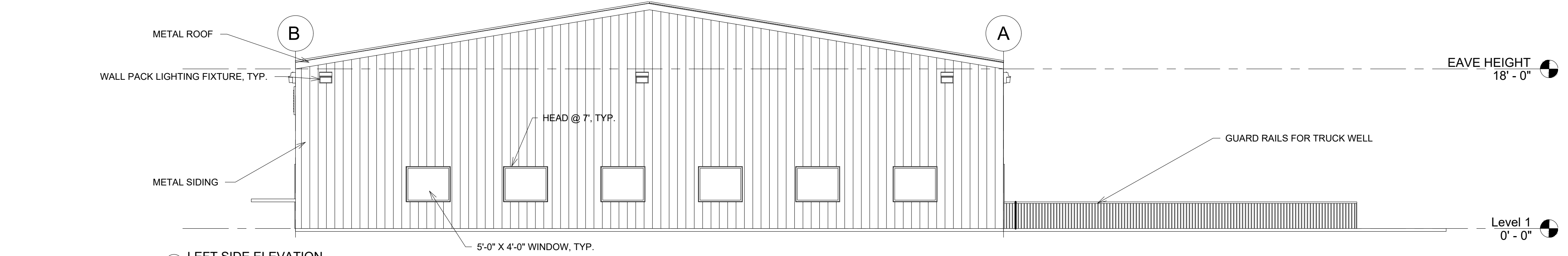
① Level 1  
 3/16" = 1'-0"



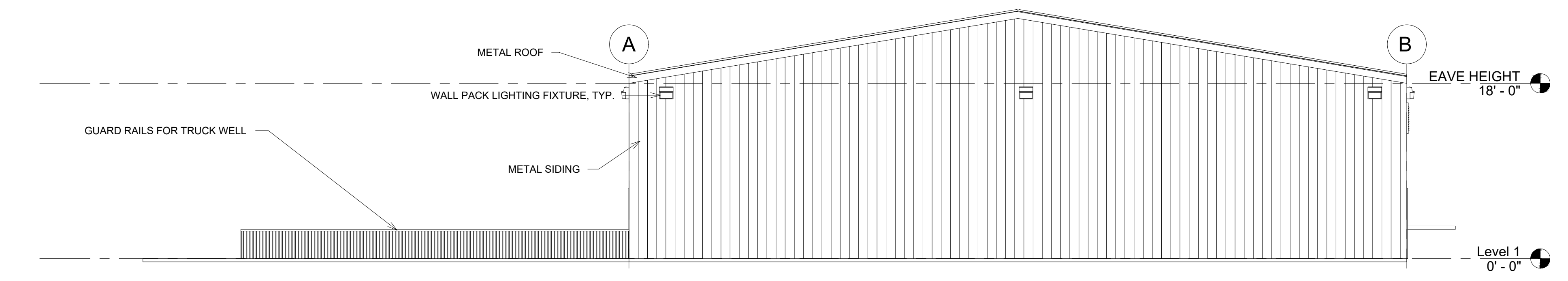
1 FRONT ELEVATION  
1/8" = 1'-0"



2 REAR ELEVATION  
1/8" = 1'-0"



3 LEFT SIDE ELEVATION  
1/8" = 1'-0"



4 RIGHT SIDE ELEVATION  
1/8" = 1'-0"

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 IMESON ROAD, JACKSONVILLE FLORIDA  
**ELEVATIONS**

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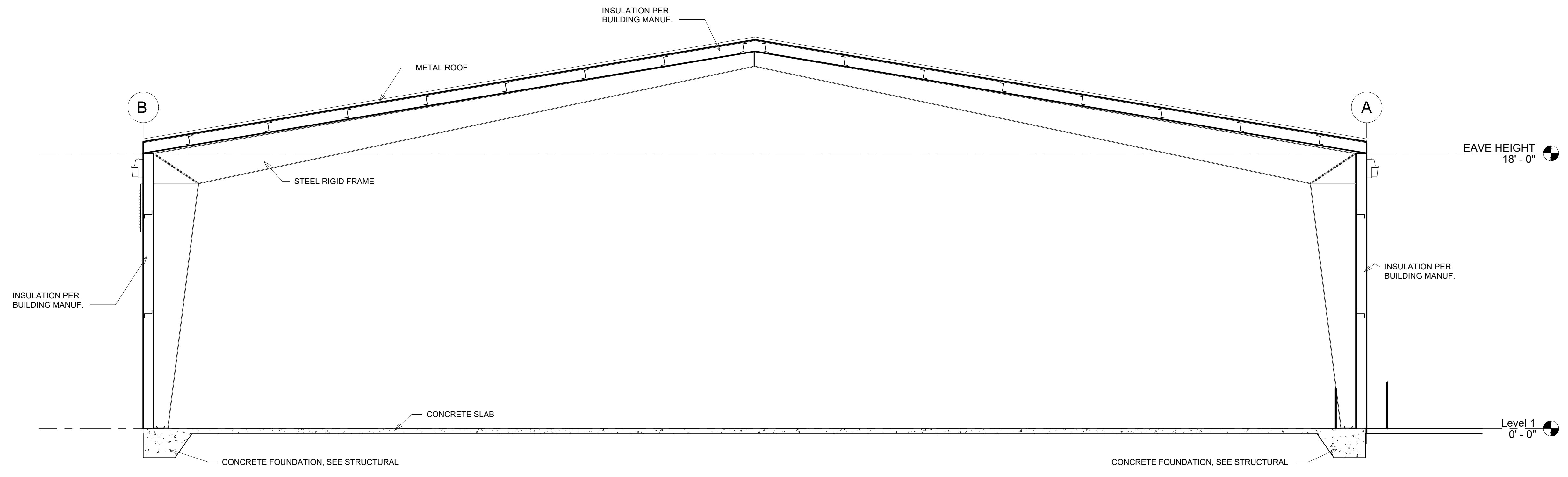
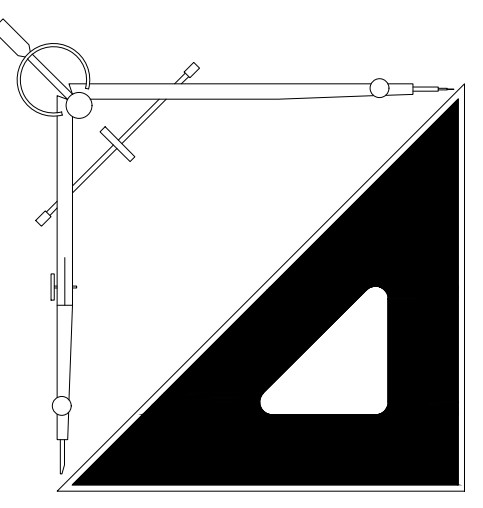
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SCALE  
 1/8" = 1'-0"

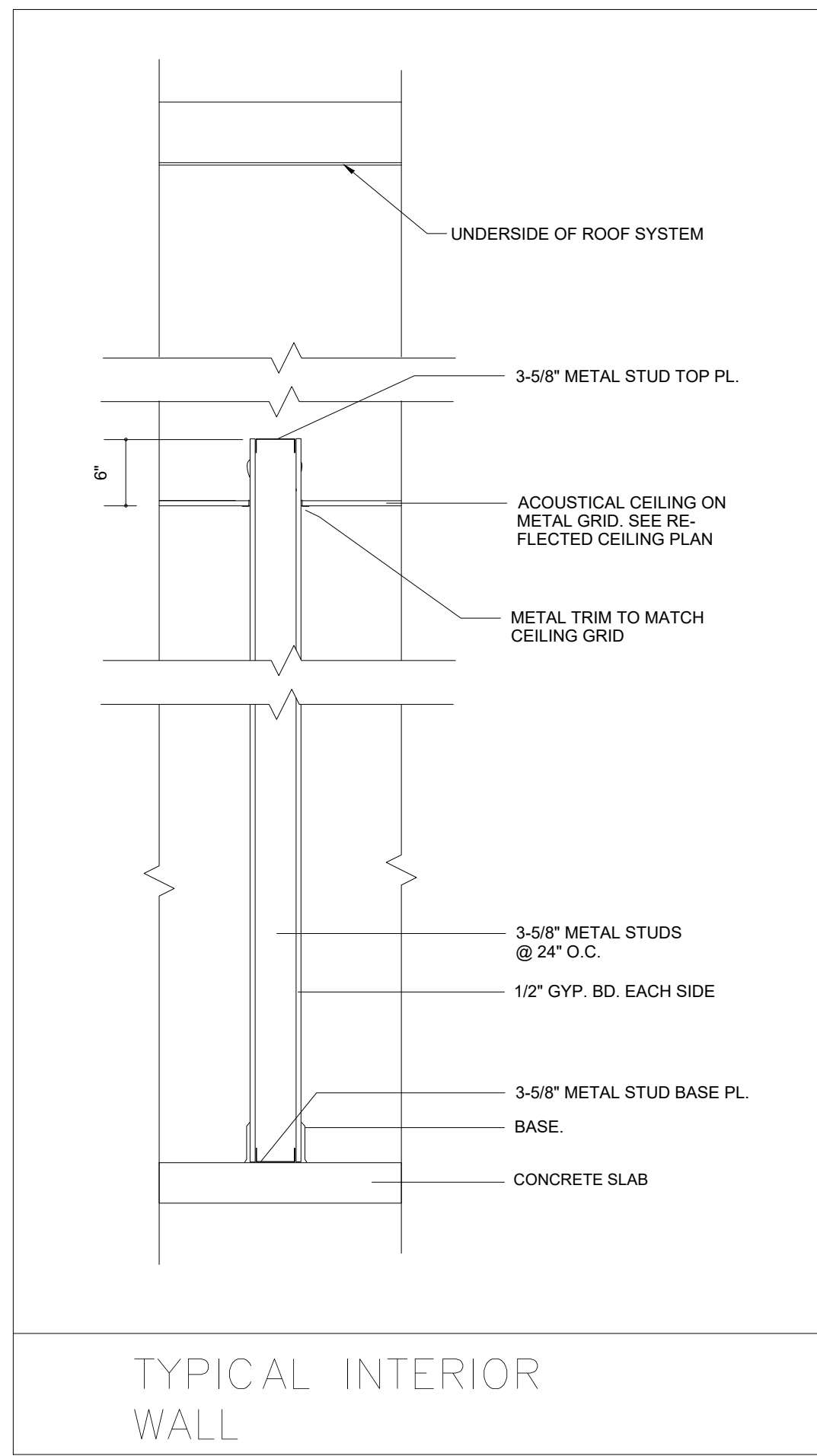
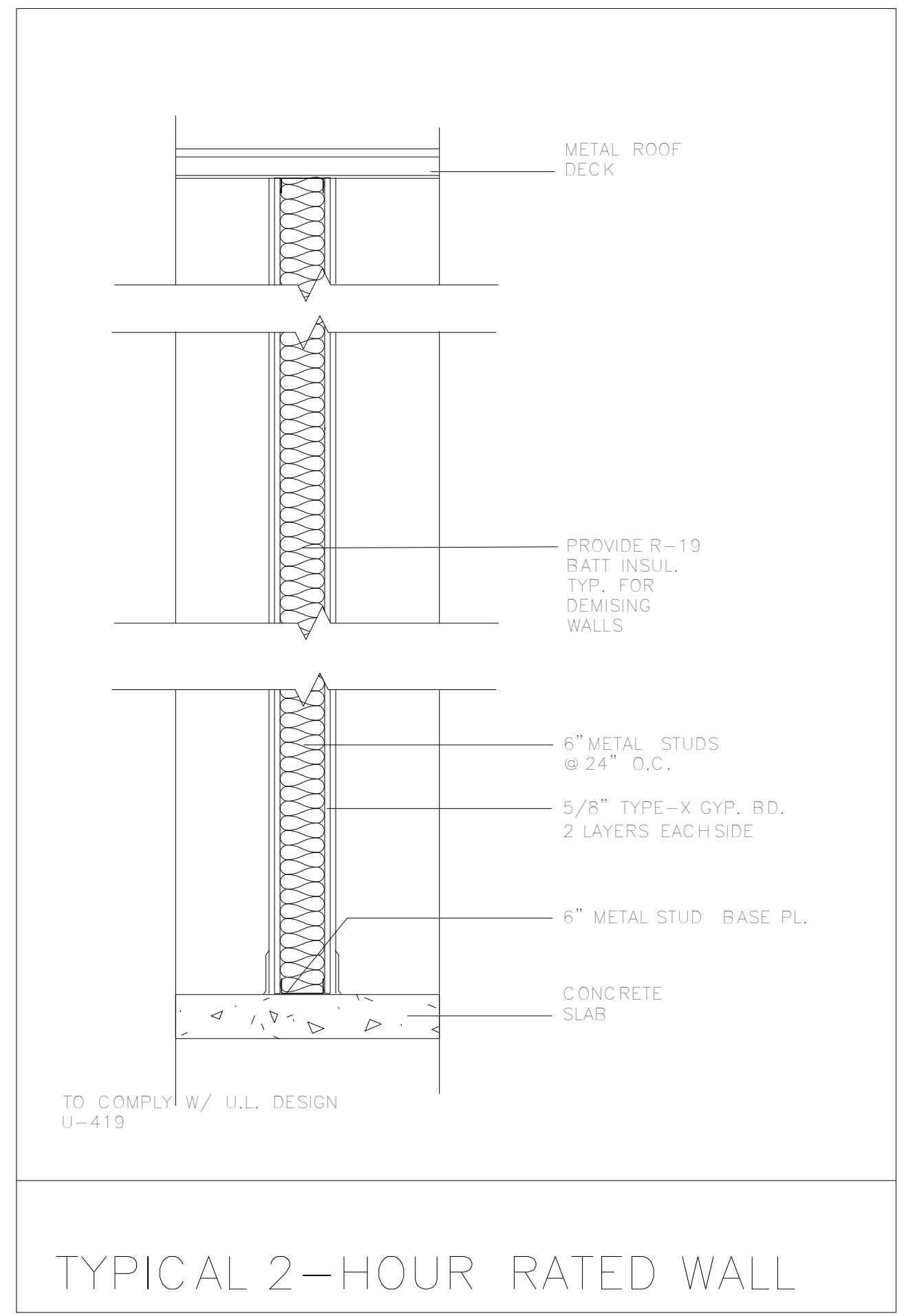
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**A-3**





① BUILDING SECTION  
1/4" = 1'-0"



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**IMESON 12 KSF METAL BUILDING**  
 K&G CONSTRUCTION  
 IMESON ROAD, JACKSONVILLE FLORIDA  
**SECTIONS**

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**8/10/2022**  
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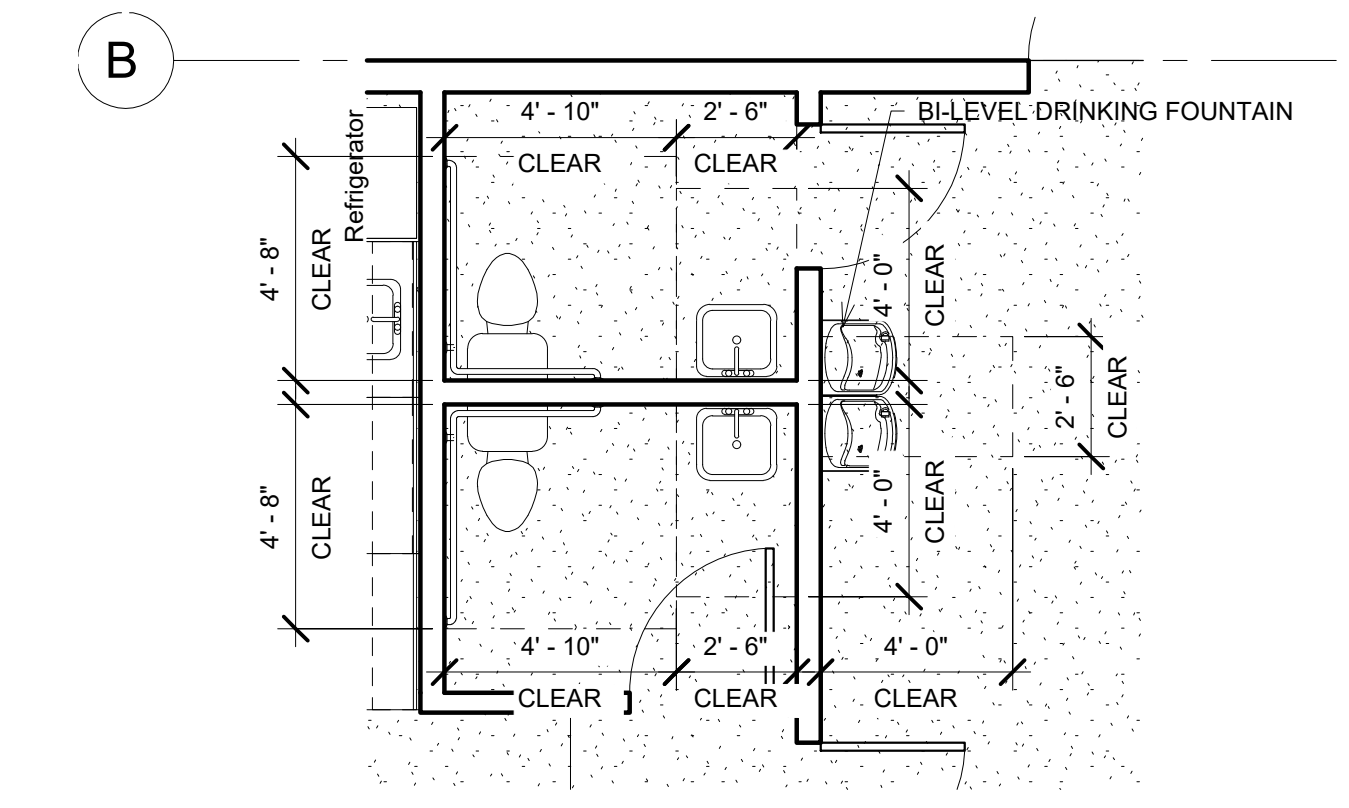
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DRAWING NUMBER  
**A-4**

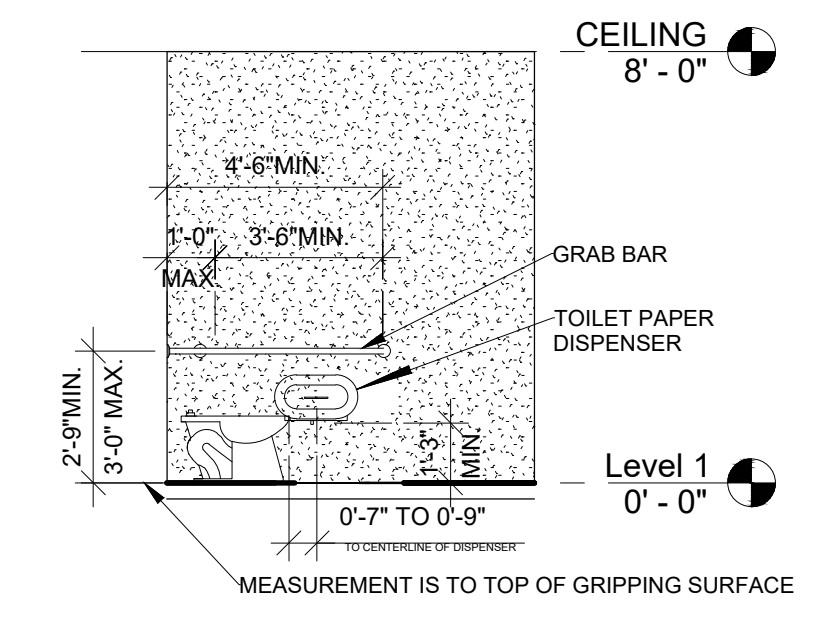
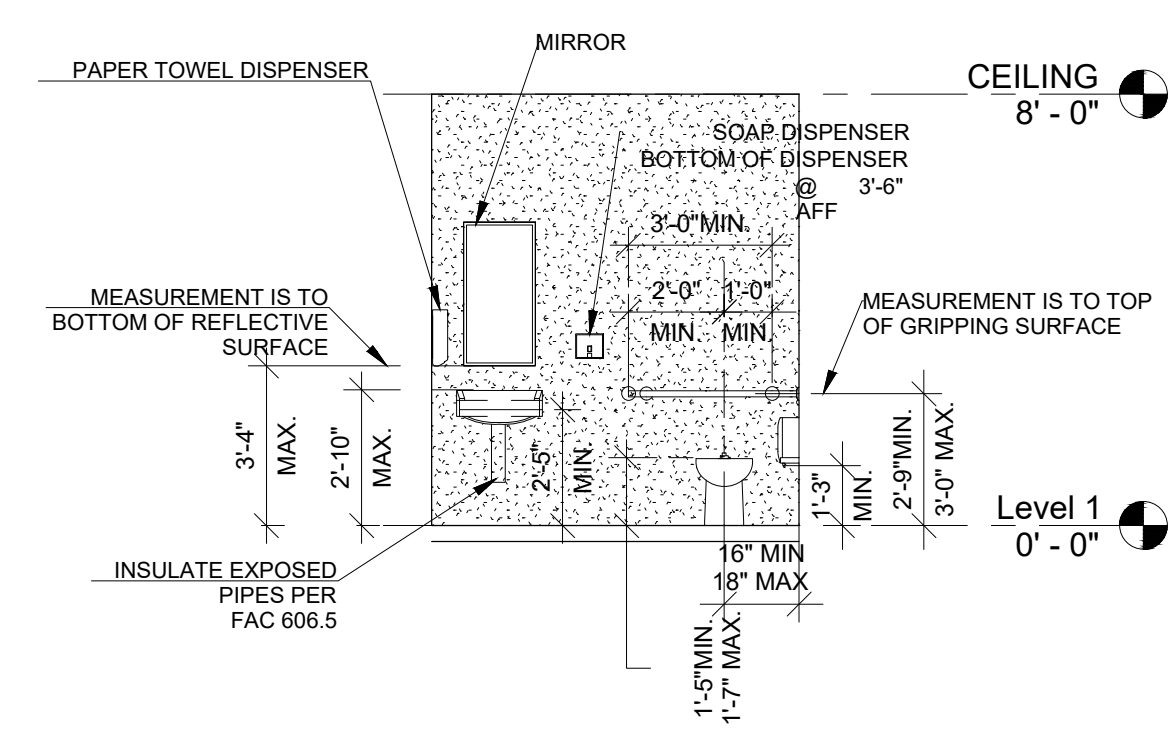
# DOOR SCHEDULE

NOTE: NOT ALL DOORS ON THIS SCHEDULE APPEAR IN THIS PROJECT. SEE FLOOR PLAN FOR DOORS USED.

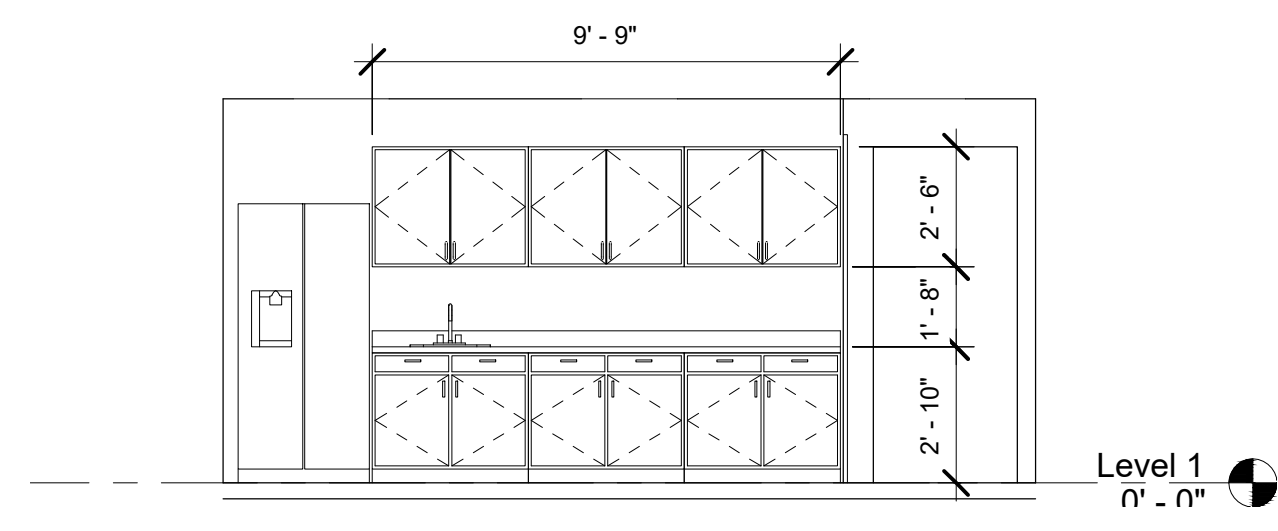
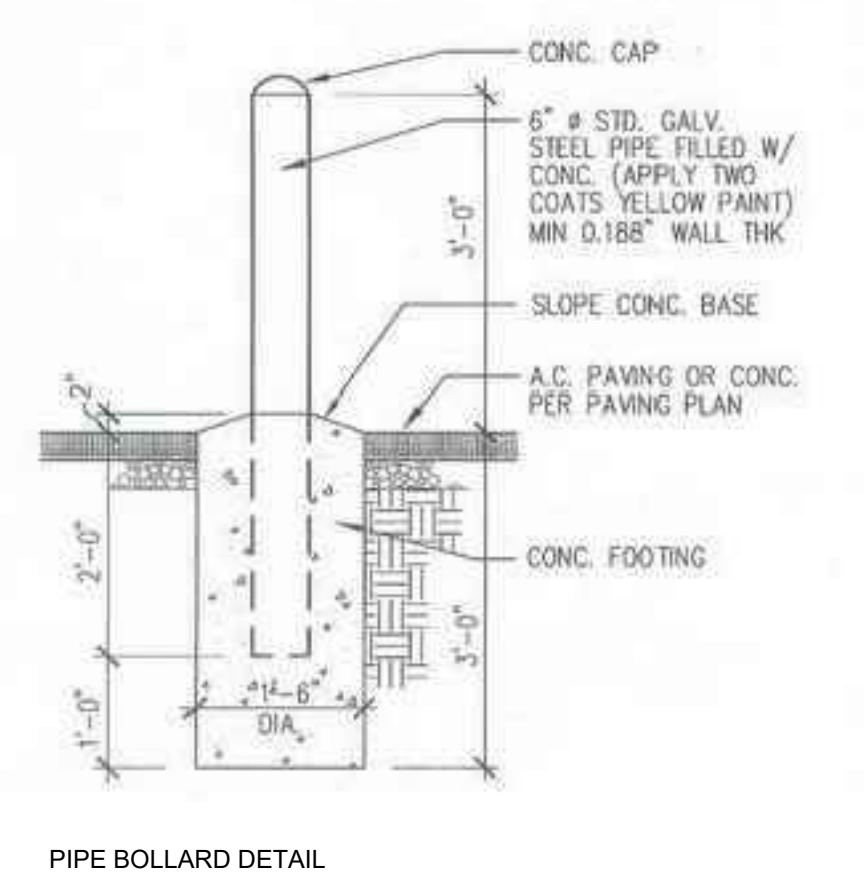
DOOR	SIZE	MATERIAL	GLASS	JAMB	HARDWARE	REMARKS
A	3070	SC WOOD	NONE	HOLLOW METAL	PASSAGE	
B	3070	SC WOOD	NONE	HOLLOW METAL	PRIVACY	
C	3670	SC WOOD	NONE	HOLLOW METAL	PASSAGE	
D	3670	SC WOOD	NONE	HOLLOW METAL	PASSAGE	PROVIDE CLOSER
E	3070	SC WOOD	NONE	HOLLOW METAL	PASSAGE	1-1/2 HOUR RATED DOOR W/ CLOSER
F	3070	SC WOOD	NONE	HOLLOW METAL	PRIVACY	1-1/2 HOUR RATED DOOR W/ CLOSER
G	3070	HOLLOW METAL	NONE	HOLLOW METAL	DEADBOLT	PROVIDE CLOSER
H	12'X16'	METAL	NONE	BY MANUF	BY MANUF	OVERHEAD ROLLING DOOR
I	3070	N/A	NONE	N/A	N/A	DOOR OPENING
J	3670	ALUM	FULL	ALUMINUM	DEADBOLT	COORDINATE POSITION OF SPRINKLER HEADS, PROVIDE CLOSER
K	3070	SC WOOD	NONE	HOLLOW METAL	REMOTE LATCHING DEVICE	PROVIDE CLOSER
L	3070	SC WOOD	NONE	HOLLOW METAL	PASSAGE	PROVIDE CLOSER
M	3070	SC WOOD	NONE	HOLLOW METAL	CARD READER LATCH	3/4 HOUR RATED DOOR W/ CLOSER
N	3670	SC WOOD	NONE	HOLLOW METAL	LOCKSET	3/4 HOUR RATED DOOR W/ CLOSER
O	3670	SC WOOD	NONE	HOLLOW METAL	CARD READER LATCH	
P	3070	SC WOOD	NONE	HOLLOW METAL	LOCKSET	3/4 HOUR RATED DOOR W/ CLOSER
Q	3670	SC WOOD	VIEW	HOLLOW METAL	PASSAGE	
R	3070	SC WOOD	NONE	HOLLOW METAL	LOCKSET	
S	3080	ALUM	FULL	ALUM	DEADBOLT	PROVIDE CLOSER
T	3070	SC WOOD	NONE	HOLLOW METAL	LOCKSET	PROVIDE CARD READER, PROVIDE CLOSER
U	(2) 3070	SC WOOD	NONE	HOLLOW METAL	LOCKSET	
V	PAIR 3080	ALUM	FULL	ALUM	DEADBOLT	PROVIDE CLOSER
W	3070	HOLLOW METAL	NONE	HOLLOW METAL	PANIC	PROVIDE CLOSER



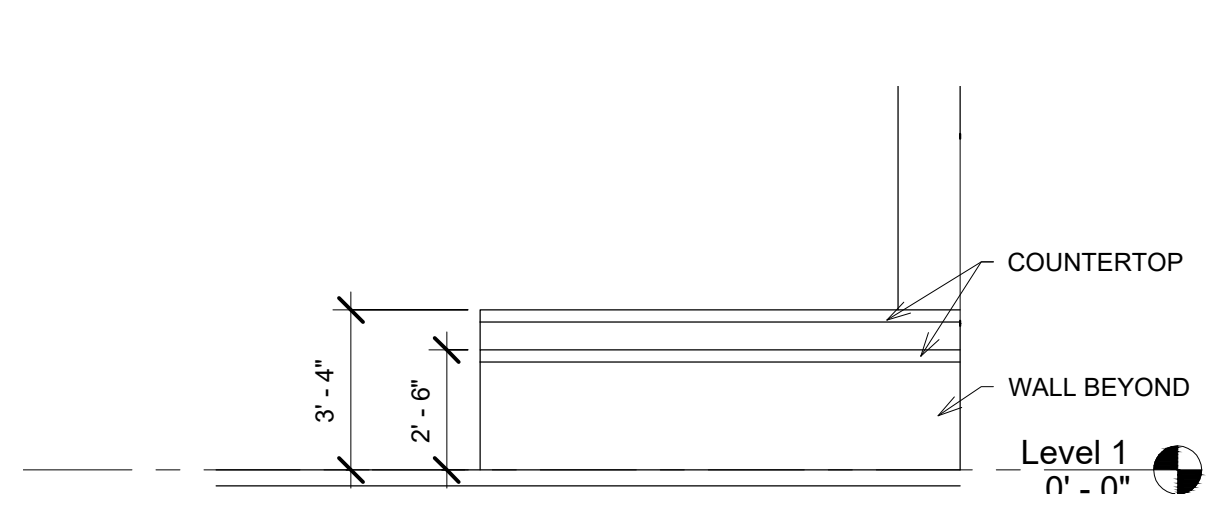
1 RESTROOM PLAN  
1/4" = 1'-0"



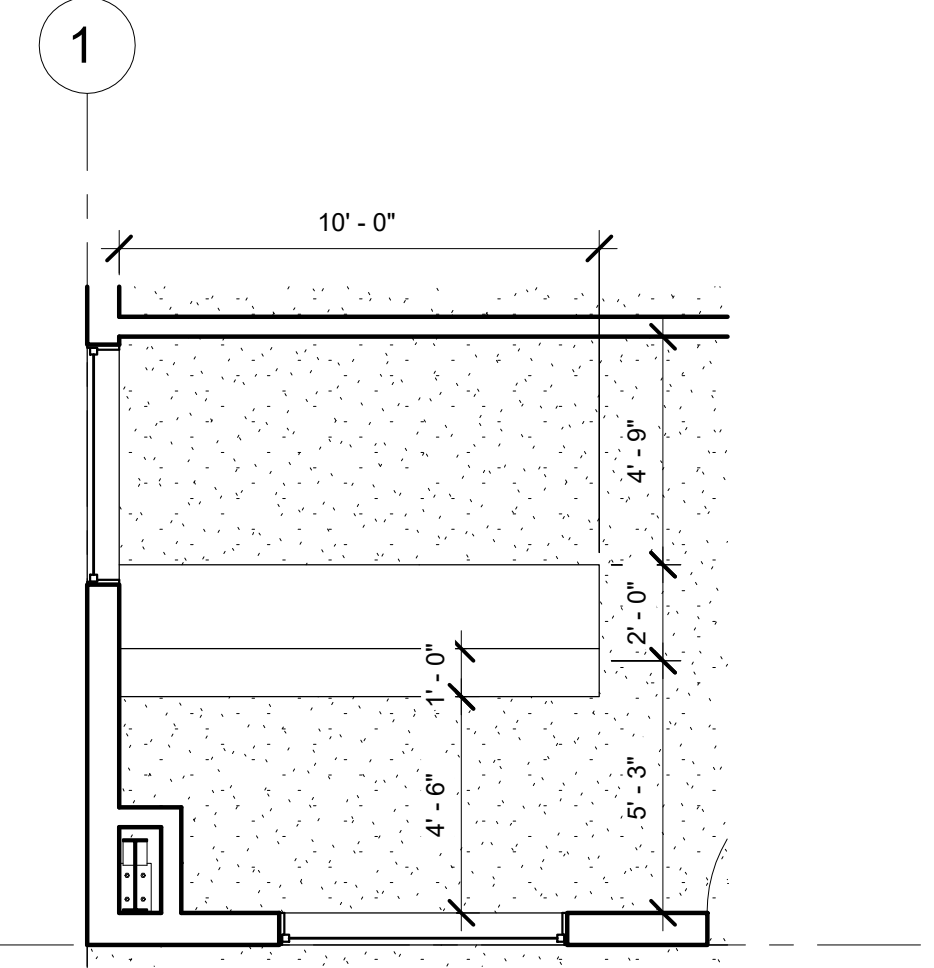
Room Schedule					
Number	Name	Floor Finish	Base Finish	Ceiling Finish	Wall Finish
1	RECEPTION	VCT	4" VINYL	2X2 ACOUSTICAL PAINT	
2	CONFERENCE	CARPET	4" VINYL	2X2 ACOUSTICAL PAINT	
3	OFFICE	CARPET	4" VINYL	2X2 ACOUSTICAL PAINT	
4	OFFICE	CARPET	4" VINYL	2X2 ACOUSTICAL PAINT	
5	BREAK	VCT	4" VINYL	2X2 ACOUSTICAL PAINT	
6	RR	VCT	4" VINYL	2X2 ACOUSTICAL PAINT	
7	RR	VCT	4" VINYL	2X2 ACOUSTICAL PAINT	



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



3 RECEPTION ELEVATION  
1/4" = 1'-0"



2 RECEPTION PLAN  
1/4" = 1'-0"

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**IMESON 12 KSF METAL BUILDING**  
K&G CONSTRUCTION  
IMESON ROAD, JACKSONVILLE FLORIDA  
DETAILS AND SCHEDULES

REVISIONS

D. SCOTT FRASER

AR-0013099

DATE  
8/10/2022  
12:19:22 PM  
JOB NUMBER  
Project Number

SCALE  
1/4" = 1'-0"  
DRAWING NUMBER

**A-5**