

ROOM FINISH SCHEDULE

ROOM NO.	ROOM NAME	FLOOR	BASE	NORTH WALL	SOUTH WALL	EAST WALL	WEST WALL	CEILING	CEILING AFF.	REMARKS
101	HALL	B	A	B	B	B	B	B	8'-0"	
101A	DATA	A	--	--	--	A	--	--	--	1
102	ALCOVE	B	A	--	B	B	A	B	8'-0"	2
103	UNI-SEX RR	B	B	A	C	A	A	B	8'-0"	
104	STORAGE	B	A	B	B	B	B	B	8'-0"	
105	HALL	B	A	--	B	B	B	B	8'-0"	
106	OFFICE	B	A	B	B	B	B	B	9'-0"	
107	OFFICE	B	A	B	B	B	B	B	8'-0"	
108	LOCKERS	B	A	B	B	B	B	B	8'-0"	
109	LOUNGE	B	A	B	B	B	B	B	8'-0"	

ROOM FINISHES KEYS

FLOOR	BASE	WALLS	CEILING
A. EXISTING	A. 4" COVERED VINYL	A. EXISTING	A. EXISTING LATEX ENAMEL PAINT
B. VCT	B. 6" COVERED VINYL	B. LATEX ENAMEL PAINT	B. GYP. BD. LATEX ENAMEL PAINT
		C. FRP PANELS	

REMARKS

- NO PAINT REQD. THIS ROOM, T, B & T ONLY NEW GYP. BD WALLS.
- 54" HIGH FRP PANEL WAINSCOT WITH TRIM AT PLUMBING WALL.

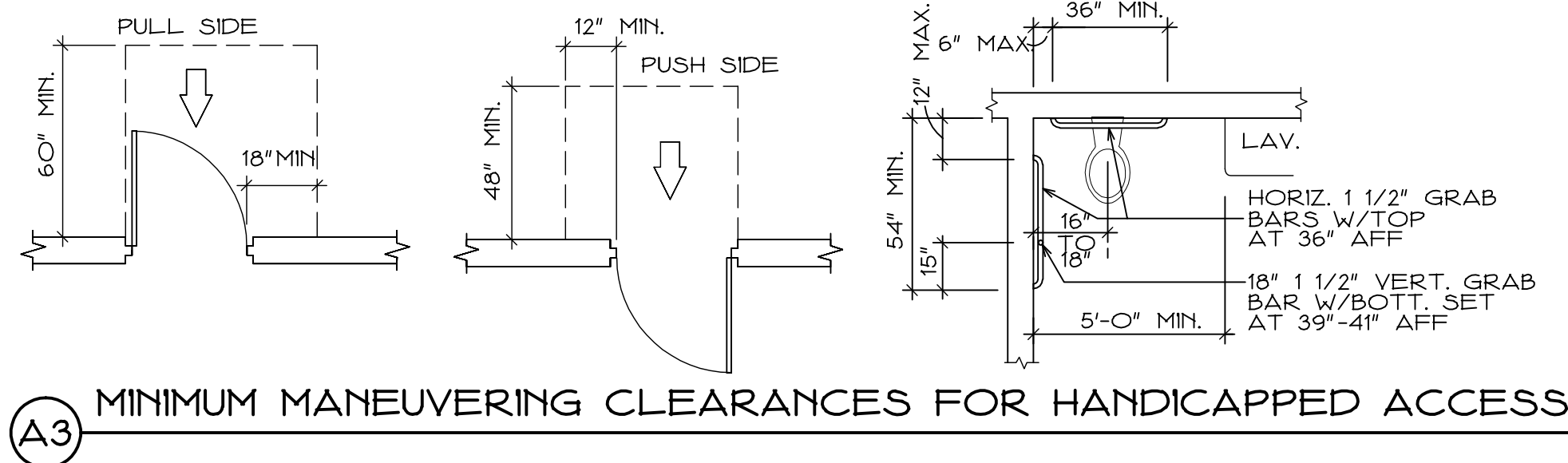
CODE INFORMATION

CONSTRUCTION TYPE	TYPE V-B
OCCUPANCY GROUP	B & S-1
MAXIMUM OCCUPANCY LOAD ALLOWABLE PER IBC TABLE 1004.12	26
ALLOWABLE SQUARE FOOTAGE	9,000
EXISTING BUILDING	8,260

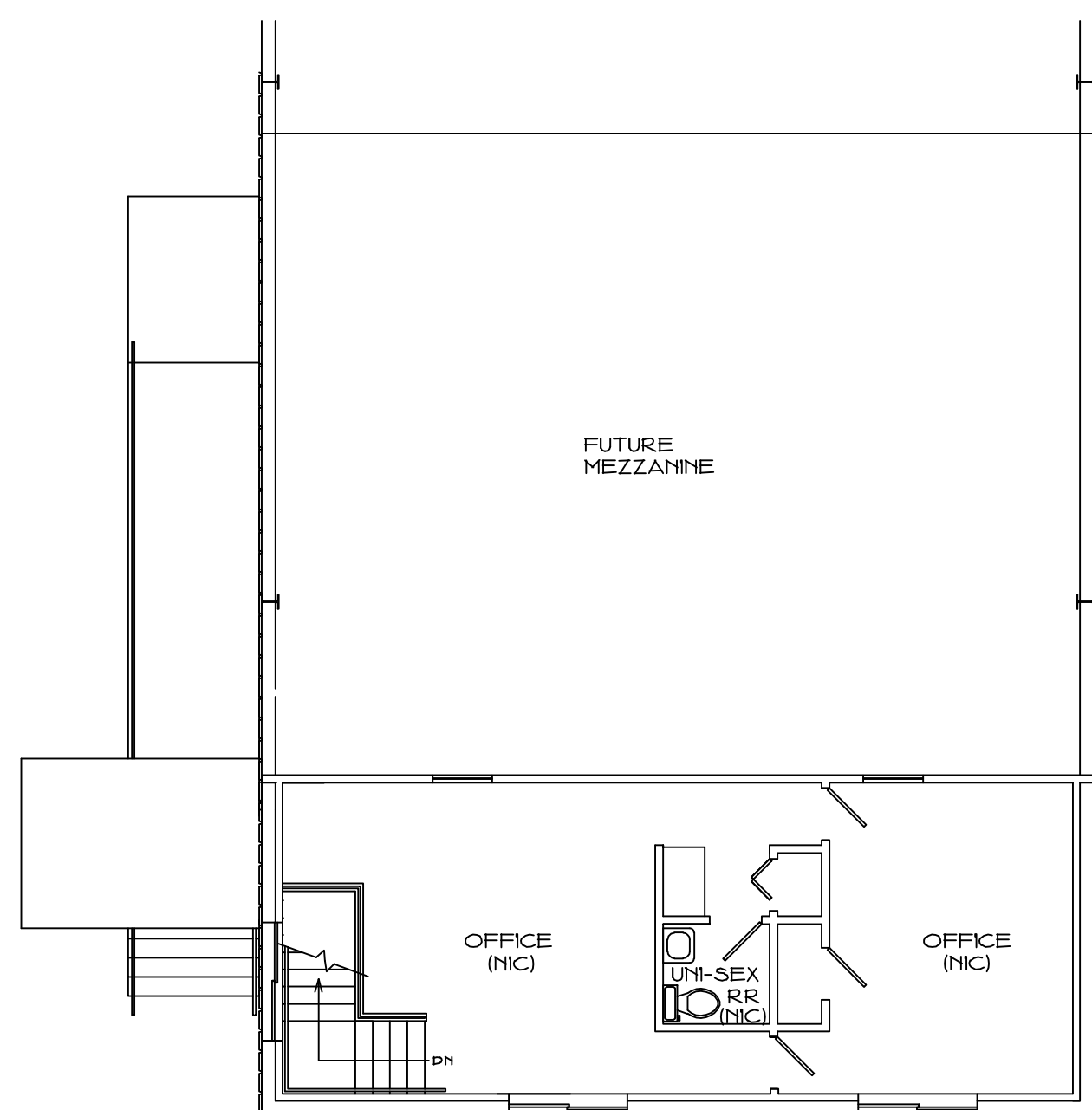
EXIT WIDTH REQUIRED PER IBC TABLE 1005.1	
TOTAL EXIT WIDTH REQUIRED	26 X 0.2' = 5.2'
TOTAL EXIT WIDTH PROVIDED	108'

PLUMBING FIXTURE REQUIREMENTS PER IBC TABLE 2902.1

	REQUIRED	PROVIDED
13 MEN:		
WATER CLOSETS	1	1
URINALS	0	1
LAVATORIES	1	1
13 WOMEN:		
WATER CLOSETS	1	1
LAVATORIES	1	1

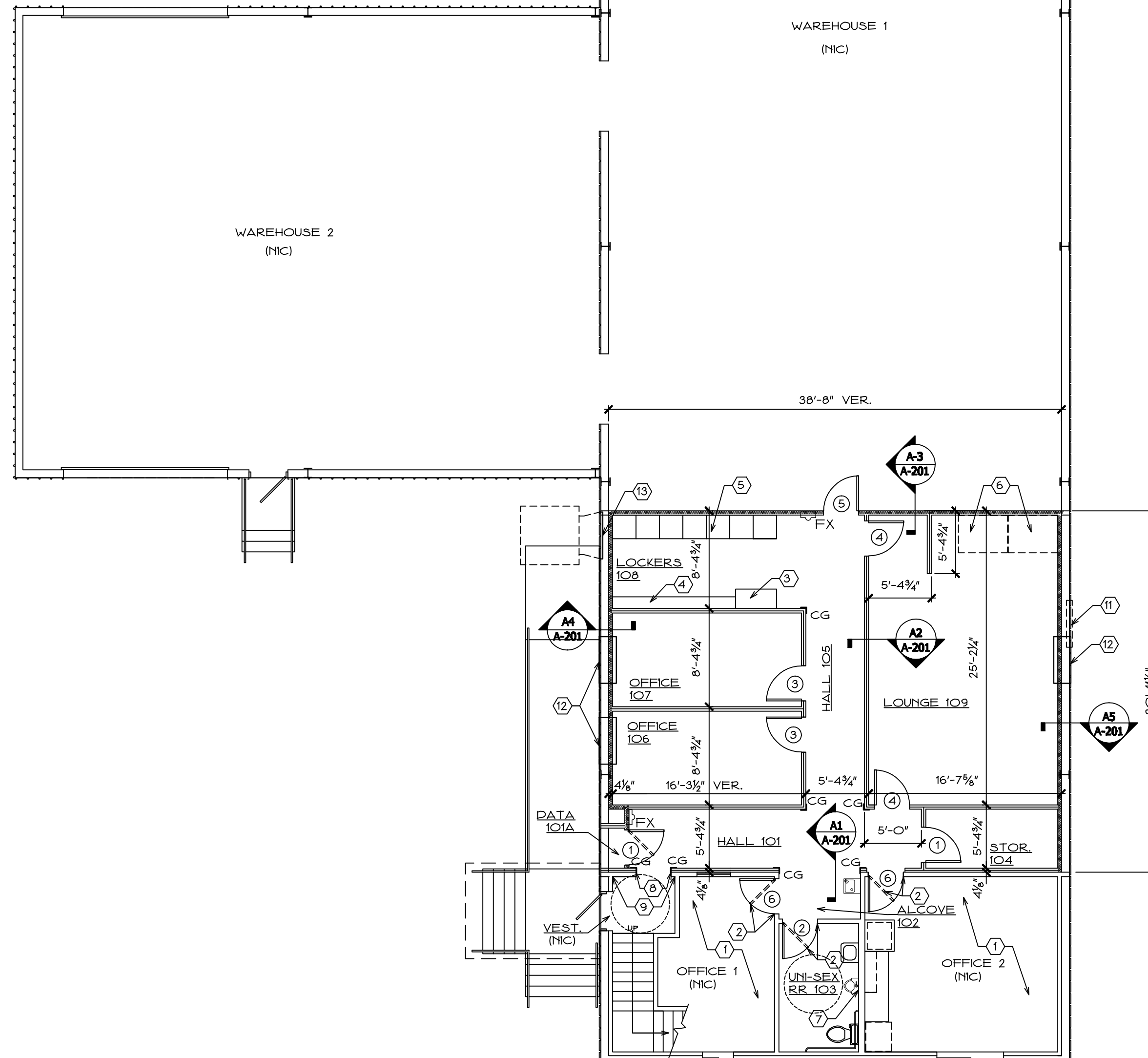


(A3) MINIMUM MANEUVERING CLEARANCES FOR HANDICAPPED ACCESS



PARTIAL SECOND FLOOR PLAN

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



GROUND FLOOR PLAN

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



PLANS LEGEND

- EXIST. PRE-FIN. METAL "A" PANELS ON WALL GRTS W/ NEW 2x4 STUDS AT 16" O.C. ON INTERIOR SIDE COVERED WITH 5/8" GYP. BD. W/6" (R-20) KRAFT-FACED BATT INSUL. IN STUDWALL CAVITIES
- 5/8" GYP. BD. ON EACH SIDE OF 2x4 STUDS SPACED AT 16" O.C.
- 5/8" GYP. BD. ON EACH SIDE OF 2x4 STUDS SPACED AT 16" O.C. W/3 1/2" KRAFT-FACED BATT INSULATION
- I EXIST. PRE-ENG. BLDG. (P.E.B.) RIGID FRAME COLUMN- VERIFY ACTUAL SIZE & LOCATION IN THE FIELD
- FX 10. LB. FIRE EXTINGUISHER & CABINET
- CG CORNER GUARD

GENERAL NOTES

CONTRACTOR SHALL CAREFULLY EXAMINE ALL EXISTING CONDITIONS & SHALL IMMEDIATELY REPORT ANY QUESTIONABLE CONDITIONS TO THE ARCHITECT BEFORE PROCEEDING WITH THE WORK.

ALL CONSTRUCTION SHALL CONFORM TO THE LATEST ADOPTED EDITIONS OF THE IBC, IFC, UMC, NEC, NFPA, & ANS INCLUDING THEIR STATE OF N.M. EDITIONS FOR THESE CODES/STANDARDS.

ALL DIMENSIONS ARE TO FACE OF NEW DRY WALL PARTITIONS, EXT. FACE OF BUILDING, CENTER LINE AND/OR FACE OF BUILDING RIGID FRAME. ALL FLOOR PLAN DIMENSIONS ARE NOMINAL BASED ON 4 1/2" DRYWALL PARTITION THICKNESS, DIMENSIONS AT DOORS & FRAMES ARE ROUGH OPENING WIDTHS. ALL PLAN DIMENSIONS ARE NOMINAL.

OMISSIONS AND/OR CONFLICTS BETWEEN VARIOUS ELEMENTS OF THE DRAWINGS, NOTES & DETAILS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT & RESOLVED BEFORE PROCEEDING WITH THE WORK.

DO NOT USE SCALED DIMENSIONS. USE WRITTEN DIMENSIONS OR WHERE NO DIMENSION IS PROVIDED, CONSULT THE ARCHITECT BEFORE PROCEEDING WITH THE WORK.

ANY CHANGES MADE FROM THESE DRAWINGS SHALL BE MADE ONLY WITH THE ARCHITECT'S WRITTEN APPROVAL. OWNER & CONTRACTOR ASSUME FULL RESPONSIBILITY FOR ANY CHANGES MADE THAT ARE NOT APPROVED IN WRITING BY THE ARCHITECT.

ALL AREAS AFFECTED BY THE WORK SHALL BE FULLY PROTECTED DURING THE COURSE OF THE WORK. ANY DAMAGED SURFACES SHALL BE REPAIRED TO THE ARCHITECT'S & OWNER'S APPROVAL.

ALL OPENINGS AROUND PIPES, CONDUITS, ETC. WHERE THEY PENETRATE ANY FIRE-RATED WALLS SHALL BE INFILLED WITH FIRE CODE WALL COMPOUND MATERIALS AS AS SPECIFIED.

OWNER SHALL STRIP EXIST. PAINT OFF FLOORS AT SPACES SCHEDULED TO RECEIVE NEW FLOORING & WILL GRIND DOWN SURFACE IRREGULARITIES BEFORE NEW FLOORING IS TO BE INSTALLED BY THE CONTRACTOR.

OWNER WILL CLEAN OUT ALL DEBRIS FROM CRACKS IN FLOOR SLAB TO MIN. DEPTH OF 3" BEFORE FILLING CRACKS FULLY W/ ARDEX K-500 OR EQUIVALENT FLOOR PATCH WHERE NEW FLOORING IS SCHEDULED TO BE INSTALLED BY THE CONTRACTOR.

DRAWINGS INTEND TO MEET OR EXCEED BUILDING CODE STANDARDS BUT, IF ANY WORK INDICATED SHOULD BE SUBSTANDARD IN RELATION TO ANY ORDINANCES, LAWS, CODES, RULES OR REGULATIONS, THE GENERAL CONTRACTOR SHALL CONTACT THE ARCHITECT AND PER HIS DIRECTION, SHALL EXECUTE THE WORK CORRECTLY WITHOUT ANY ADDITIONAL PROJECT COST.

ALL WALL OR GIRT MOUNTED ITEMS IN WAREHOUSE 1 THAT WILL INTERFERE WITH NEW WALL CONSTRUCTION SHALL BE REMOVED BY OWNER IN COORDINATION WITH THE CONTRACTOR.

KEYED NOTES

- REMOVE EXISTING FLOOR COVERING AT THIS ROOM & INSTALL NEW VCT TILE FLOORING & 4" VINYL BASE AS PART OF ADD. ALTERNATE #2.
- EXISTING DOOR & FRAME TO BE REMOVED AND ROUGH OPENING TO BE PREPPED TO RECEIVE NEW DOOR, FRAME & HARDWARE AS SCHEDULED.
- 20"D x 42"W WALL MOUNTED BENCH & FRAME. SEE C2/A-201.
- 12"D x 12"W WALL MOUNTED BENCH & FRAME. SEE C1/A-201.
- 7-24" SQ. x 72"H LOCKERS WITH INTEGRAL 4" BASE.
- 2 FLAT FILE CABINETS BY OWNER.
- REMOVE EXISTING FRP PANELS & GYP. BD. AS REQUIRED AT THIS WALL SO THAT EXISTING WALL URINAL CAN BE LOWERED ON THE WALL TO MEET ADA COMPLIANCE IN COORDINATION WITH THE PLUMBING CONTRACTOR.
- REMOVE EXISTING DOOR FRAME AND "CASE" THE OPG. W/ NEW GYP. BD. BEFORE T.B.T & P TO MATCH EXISTING.
- TERMINATE NEW WALL PAINT AT THIS INSIDE CORNER.
- THIS SIDE OF DRYWALL PARTITION TO BE BUILT TO FIT TIGHT AGAINST INSIDE FACE OF EXT. WALL PANELS. T.B.T & P ACCORDINGLY.
- EXISTING WALL FAN TO BE REMOVED BY OWNER & OPG. INFILLED WITH WALL PANEL BY SAME.
- CREATE NEW OPENING THRU NEW & EXIST. WALL CONST. FOR NEW THRU-WALL AC UNIT TO BE INSTALLED BY MECH. CONTR. IN COORDINATION WITH GEN. CONTR.
- EXISTING EVAP. COOLER GRILLE OPG. TO BE CAPPED BY OWNER.

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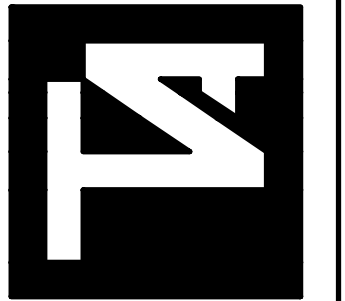
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REMODEL for
CITY OF LOVINGTON
LOVINGTON, NEW MEXICO

MARK	DATE	ISSUE

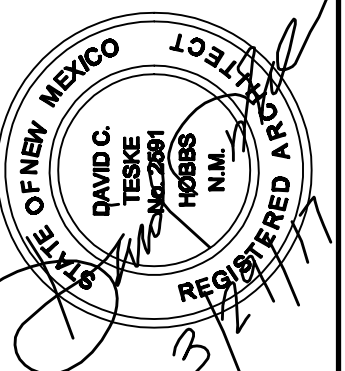
PROJECT NO:
DRAWN BY: -
CHECKED BY: DCT
DATE: 3-29-17
SHEET TITLE
FLOOR PLANS

KEYED NOTES

1. EXISTING PRE-FIN. MET. PANEL WITH 1:12 ROOF SLOPE.
2. EXISTING PRE-FIN. METAL GALVALUME "A" PANELS.
3. EXISTING PRE-FIN. METAL EAVE TRIM.
4. EXISTING CMU STEM WALL FOUNDATION.
5. EXISTING CONCRETE SLAB ON IMPORTED FILL.
6. EXISTING 3"x3" BASE ANGLE.
7. EXISTING RIGID FRAME BEAM AND/OR COLUMN.
8. EXISTING RUBBER CLOSURE STRIP.
9. 2x4 STUDS @ 16" O.C.
10. FINISH FLOOR AS SCHEDULED.
11. 6" KRAFT FACED (R-20) BATT INSULATION SECURED TO FACE OF CONDITIONED SIDE OF STUDS.
12. 5/8" GYPSUM BOARD TAPED, BEDDED, TEXTURED & FINISHED AS SCHEDULED.
13. VINYL BASE AS SCHEDULED.
14. EXISTING "Z" PURLIN, "C" PURLIN, EAVE STRUT, OR ENDWALL CHANNEL.
15. FUTURE MEZZANINE DECK FLOOR USING 2 LAYERS OF 5/8" T&G B-C PLYWOOD. SEE ADD. ALTERNATE #1.
16. 12" KRAFT-FACED (R-38) BATT INSULATION SECURED TO FACE OF CONDITIONED SIDE OF I-JOISTS.
17. 9 1/2" I-JOISTS SPACE AT 16" O.C.- SEE STRUCTURAL. 9 1/2" RIM BOARD AT 17A.
18. 2- 1 1/4" LVL'S SECURED TOGETHER FOR LINTEL- SEE STRUCTURAL.
19. EXISTING FINISH GRADE.
20. 1" W x 20 GA. PERFORATED BRIDGING STRAP AT 48" O.C. SECURED TO TOPS AND BOTTOMS OF I-JOISTS.
21. 3/8" KRAFT-FACED (R-13) BATT INSULATION SECURED TO FACE OF CONDITIONED SIDE OF STUDS.
22. EXISTING DRYWALL AND/OR CEILING CONSTRUCTION.
23. USG 5/8" CONTROL JOINT AT WALLS & CEILING.
24. DOUBLED LVL'S AS SCHD.- SEE STRUCT.
25. 2"x2"x3/8" STEEL L FRAME SECURED TO 2X BLOCKING IN STUD WALL CAVITY W/2- 1/4" DIA. ZINC COATED LAG SCREWS AT EACH BLOCKING LOCATION.
26. 1 1/2" THK. HDPE BENCH SLAB BOLTED TO FRAME W/2-1/4" DIA. TAMPER PROOF CARRIAGE BOLTS W/HOT-DIPPED GALV. FINISH.
27. NOMINAL 8'-0" 3/4" BC GRADE T&G PLYWOOD SCREWED TO 2X'S IN WALL AT MIN. 12" O.C. IN FIELD AND 4" O.C. STAGGERED AT EDGES. INSTALL W/ 1/2" OUTSIDE CORNER TRIM AT TOP BEFORE FULL PREP AND PAINTING.
28. CONT. 2x4 TO BE INSTALLED ONLY AS PART OF ADD. ALT. #1.



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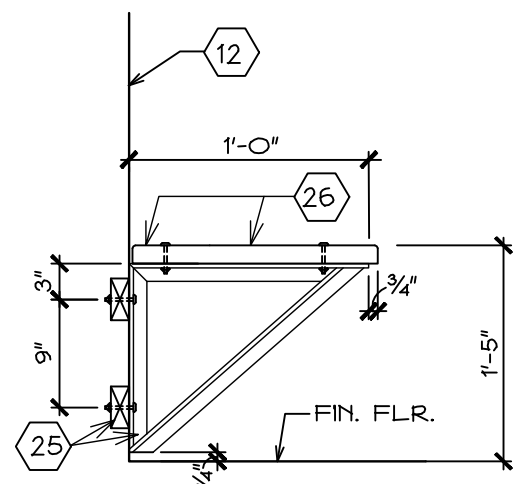


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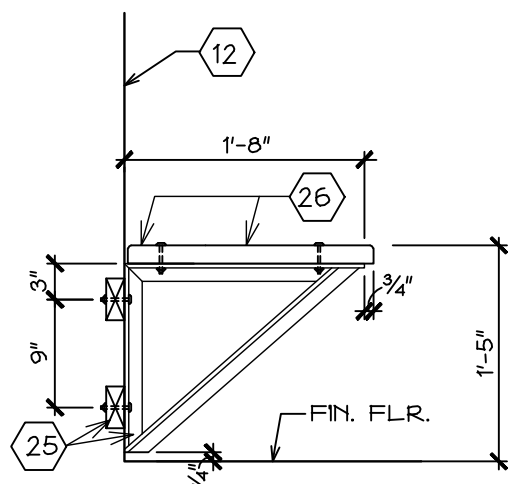
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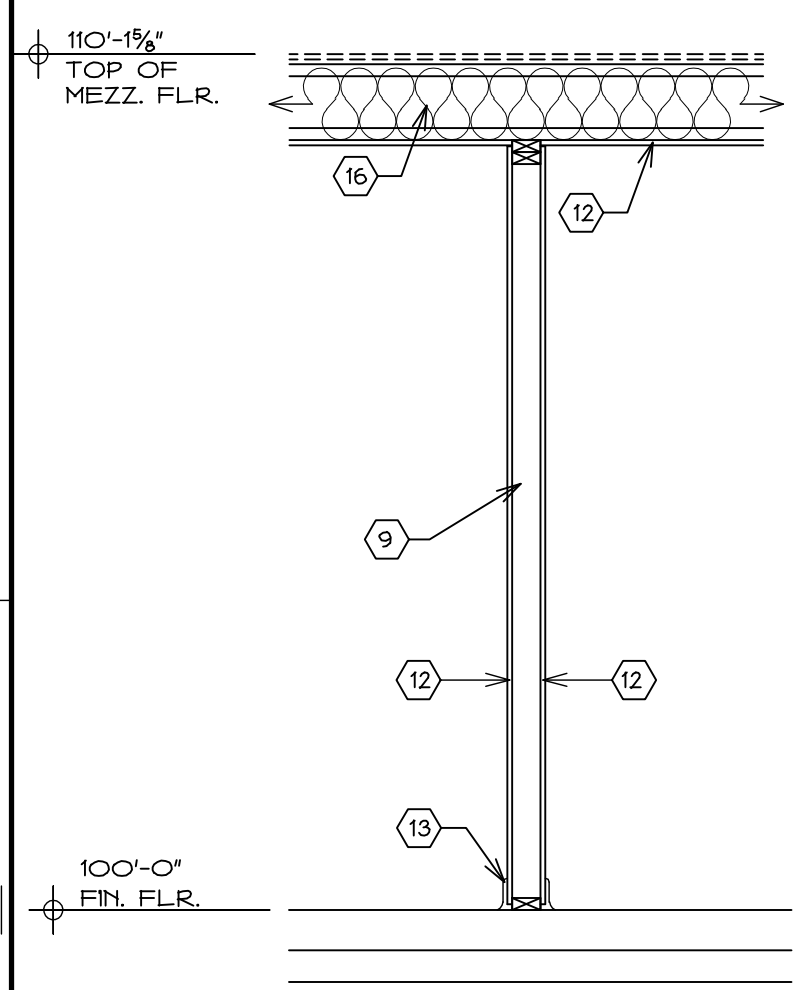
SHEET TITLE
WALL SECTIONS & DETAILS



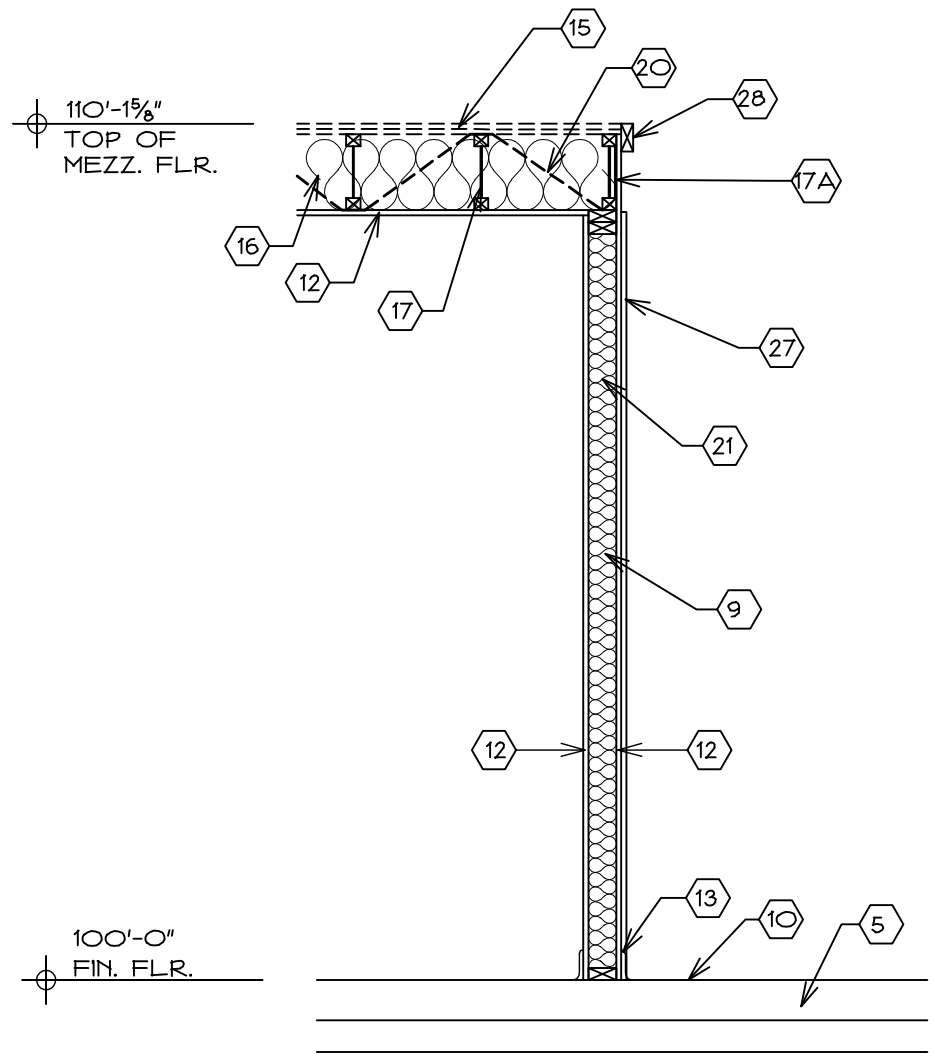
C1 SECTION
 SC. 3/4" = 1'-0"



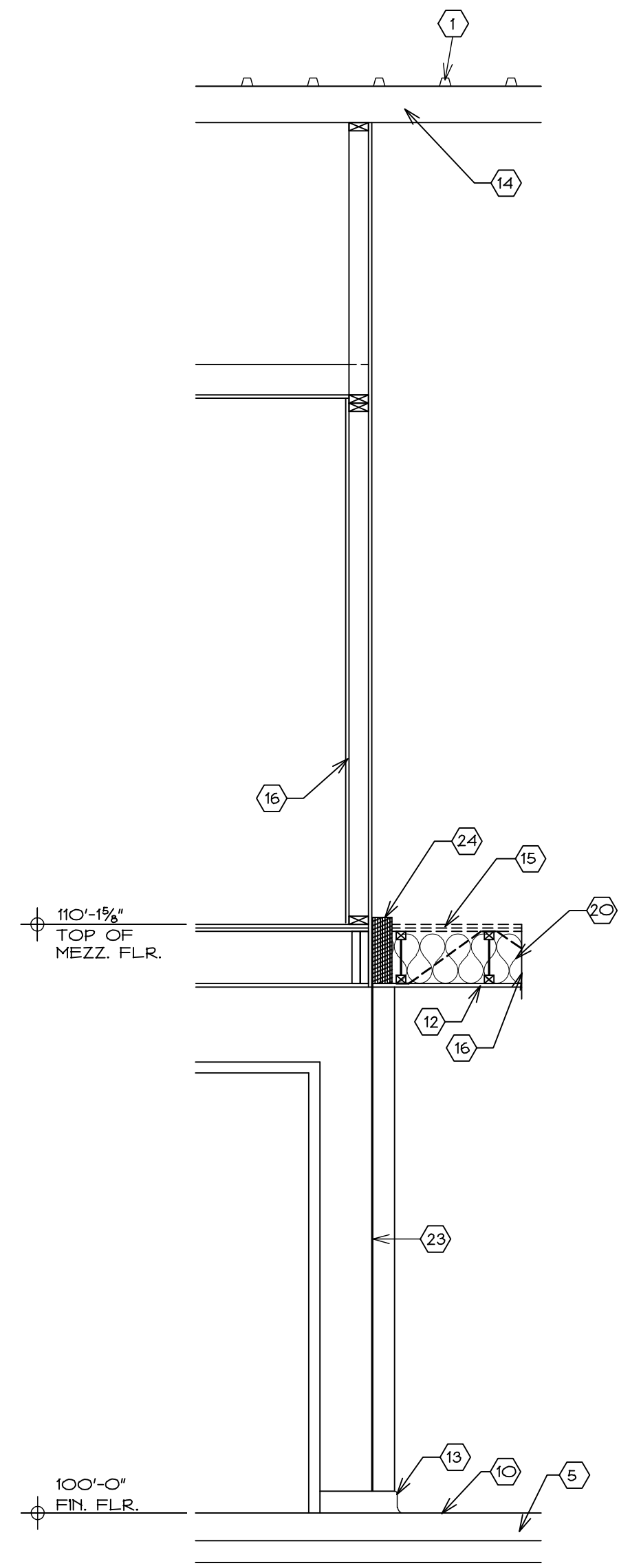
C2 SECTION
 SC. 3/4" = 1'-0"



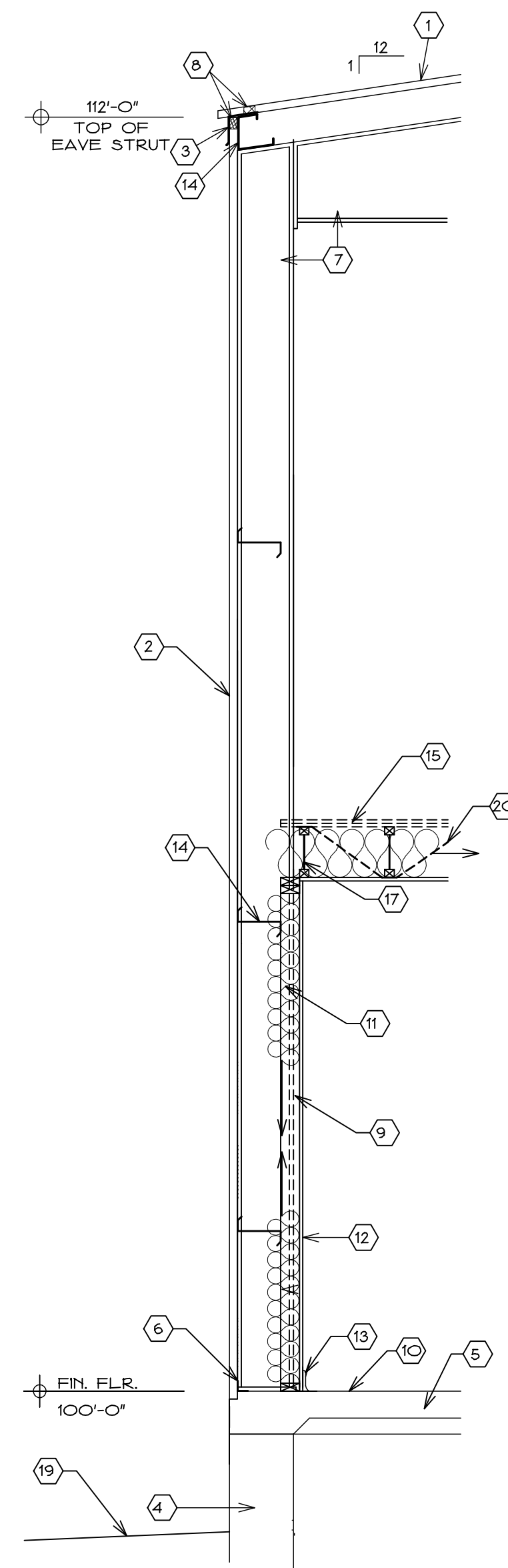
A1 SECTION
 SC. 1/2" = 1'-0"



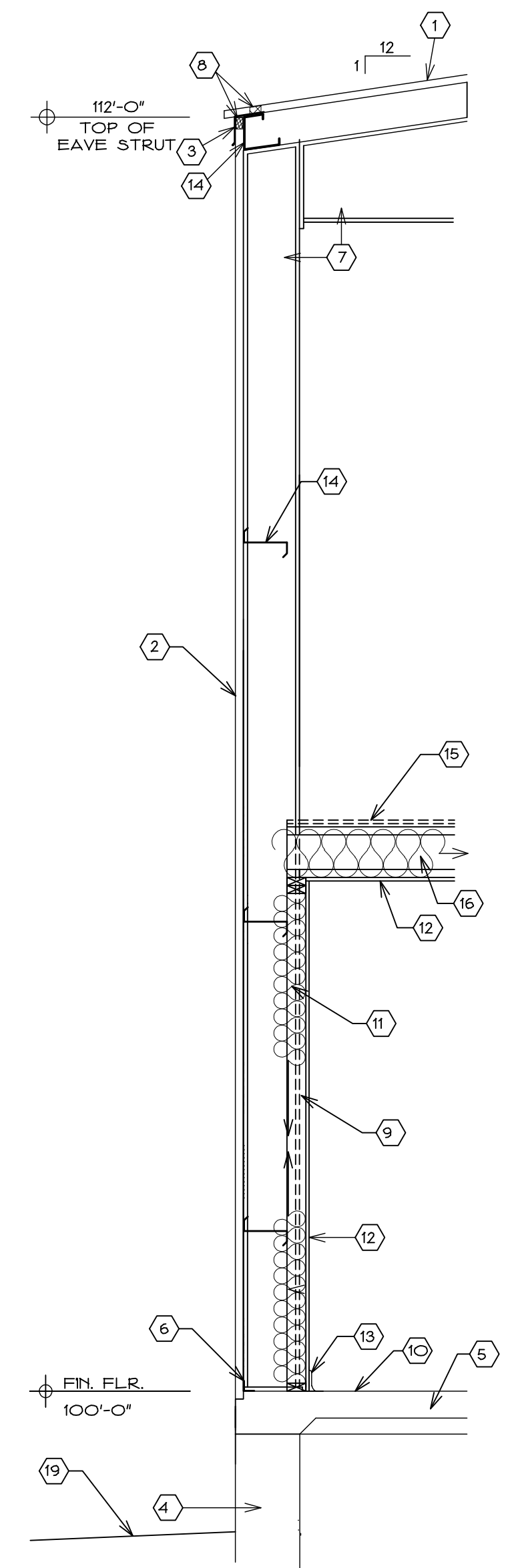
A2 SECTION
 SC. 1/2" = 1'-0"



A3 SECTION
 SC. 1/2" = 1'-0"



A4 SECTION
 SC. 1/2" = 1'-0"



A5 SECTION
 SC. 1/2" = 1'-0"

E

D

C

B

A

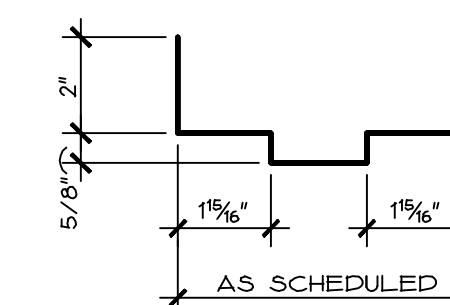
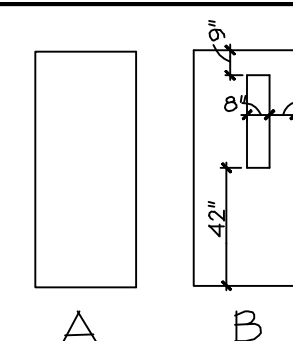
DOOR SCHEDULE FOOTNOTES

- DOOR SIZES:**
UNLESS OTHERWISE NOTED, DOOR SIZES ARE SHOWN IN INCHES
- DOOR THICKNESS:**
UNLESS OTHERWISE NOTED, DOORS SHALL BE 1-3/4" THICK.
- VENEER / CONSTRUCTION:**
SCTF= SOLID CORE TRANSPARENT FINISH
AL= ALUMINUM
SSTL= STAINLESS STEEL
- DETAILS:**
NUMBERS SHOWN ARE DETAIL NOS. AND SHEET NOS. EXAMPLE: A1/301 = DET. NO. A1 & SHEET NO. A-301.
- FRAME SIZE AND TYPE:**
UNLESS OTHERWISE SHOWN ALL FRAMES SHALL BE 4 3/4" HOLLOW METAL.
K6 = KNOCK DOWN PRE-FIN. METAL FRAME
- REMARKS LEGEND:**
GLASS:
G1= 1/4" CLEAR WIRE GLASS (SEE DS-1)
- MISCELLANEOUS:**
M1= NEW KD FRAME TO BE SET INTO EXISTING DRYWALL CONSTRUCTION OPENING.

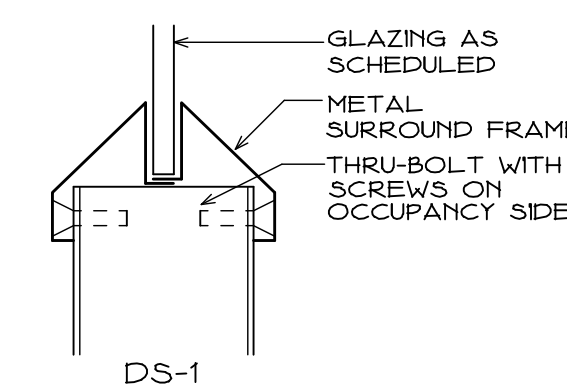
DOOR SCHEDULE

MARK	OPENING SIZE W X H 1	TYPE	THICKNESS 2	VENEER/CONSTRUCTION 3	DETAILS 4			FRAME 5		REMARKS 6
					HEAD	JAMBS	SILL	SIZE	TYPE	
1	36 X 84	A		SCTF	C6/301	B6/301	-	4 3/4"	KD	
2	36 X 80	A		SCTF	C6/301	B6/301	-	4 1/2"	KD	M1
3	36 X 84	A		SCTF	C6/301	B6/301	-	4 3/4"	KD	
4	36 X 84	B		SCTF	C6/301	B6/301	-	4 3/4"	KD	G1
5	36 X 84	A		HM	C6/301	B6/301	A6/301	4 3/4"	KD	
6	36 X 80	A		SCTF	C6/301	B6/301	-	4 1/2"	KD	M1

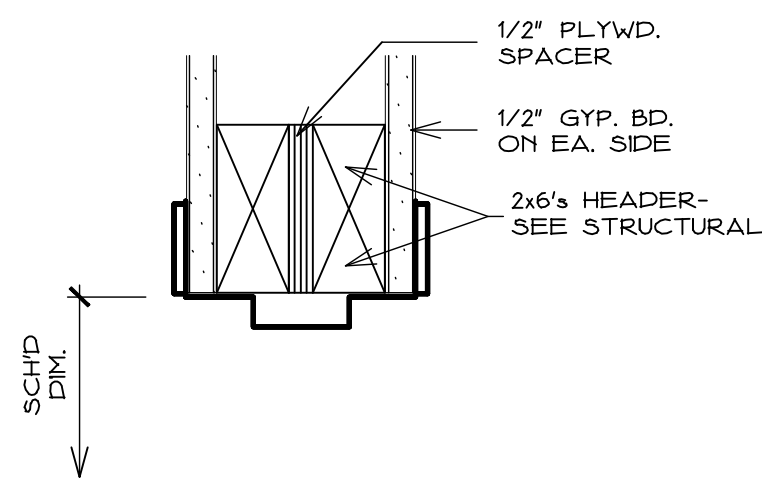
DOOR TYPES



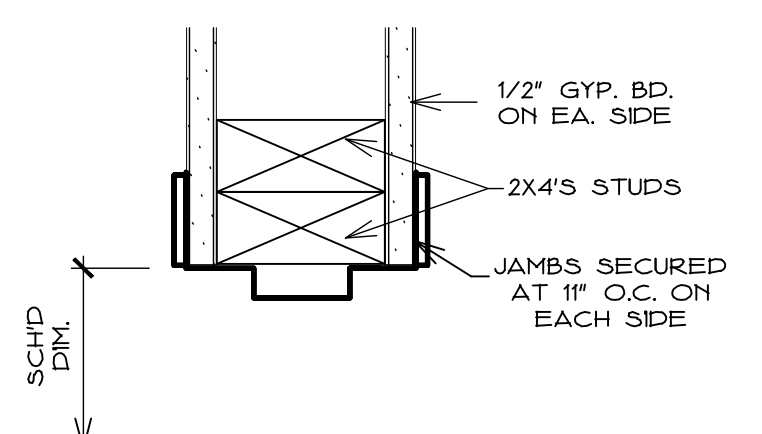
TYP. KD. FRAME PROFILE



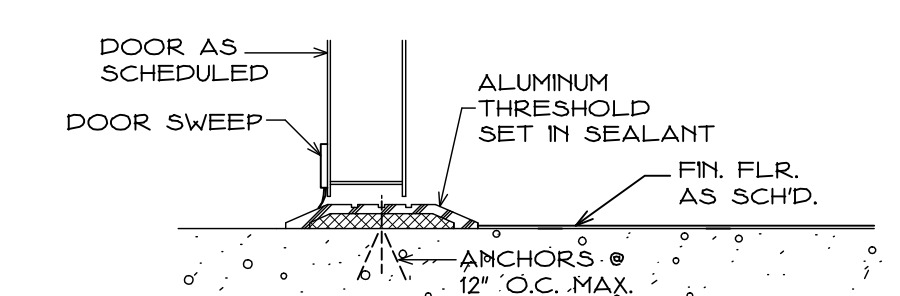
DOOR SCHEDULE DETAIL



C6 HEAD
SC. 3'-11"-0"



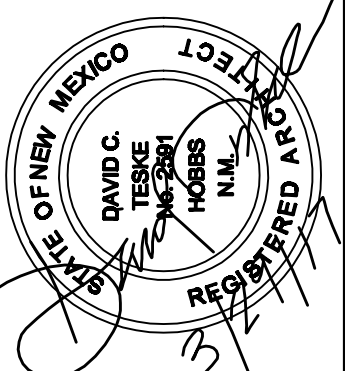
B6 JAMB
SC. 3'-11"-0"



A6 THRESHOLD
SC. 3'-11"-0"



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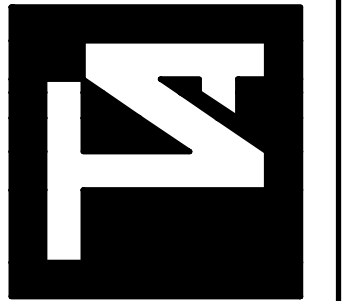
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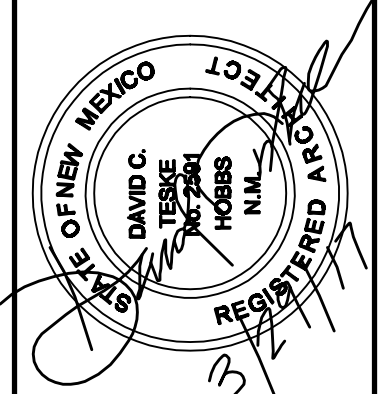
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SHEET TITLE
**DOOR SCHEDULE &
3" Sc. DETAILS**

A-301



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PUBLIC WORKS FACILITY
 REMODEL for
CITY OF LOVINGTON
 LOVINGTON, NEW MEXICO

MARK	DATE	DESCRIPTION

PROJECT NO: -
 DRAWN BY: DCT
 DATE: 3-29-17
 SHEET TITLE
**MEZZANINE FLOOR
 FRAMING PLAN &
 SCHEDULES**

S-101

GENERAL STRUCTURAL NOTES

1. DESIGN LOADS
 LIVE LOADS: 40 PSF
 DEAD LOADS: 20 PSF

TIMBER AND WOOD STUD FRAMING
 1. FRAMING LUMBER SHALL COMPLY WITH THE LATEST EDITION OF THE GRADING RULES OF THE WESTERN WOOD PRODUCTS ASSOCIATION OR THE WEST COAST LUMBER INSPECTION BUREAU. ALL SAWN LUMBER SHALL BE STAMPED WITH THE GRADE MARK OF AN APPROVED LUMBER GRADING AGENCY. STUDS, HEADERS, ETC. SHALL HAVE THE FOLLOWING MINIMUM PROPERTIES:

STUDS/ FRAMING	F _b (PSI)	F _v (PSI)	E (PSI)	F _c (PSI)	WOOD TYPE
2X4 @ 2X6	1450 (REP)	95	1,700,000	N/A	D.F. #2
HEADERS @ SILL/TOP PLATES	1250 (SING)	95	1,700,000	N/A	D.F. #2

2. ALL FRAMING MEMBERS SHALL BE OF SIZE AS SHOWN ON THE DRAWINGS. GRADE SHALL BE #2 YELLOW PINE, #2 HEM-FIR, USE #2 CEDER OR DOUG FIR. AT FLOOR LOCATIONS SILL PLATES SHALL BE PRESSURE TREATED WITH WOOD PRESERVATIVE.

3. ALL MEMBERS SHOWN AS HEADERS & COMPOSITE WOOD BEAM LINTELS SHALL BE GLUED & NAILED W/16d NAILS STAGGERED AT 12" O.C. EACH SIDE.

4. ALL FLOOR DECKING SHALL BE APA RATED, EXPOSURE 1 WITH EXTERIOR GLUE AND SHALL BEAR THE STAMP OF AN APPROVED TESTING AGENCY. STAGGER JOINTS. ALL NAILING TO BE COMMON NAILS. ALL DECKING SHALL BE OF THE FOLLOWING NOMINAL THICKNESS, SPAN/INDEX RATIO AND SHALL BE NAILED AS FOLLOWS UNLESS NOTED OTHERWISE:

USE	THICKNESS	SPAN/INDEX	EDGE NAILING	INTERMEDIATE NAILING
FLOOR	5/8"	24/O	8D @ 6" O.C.	8D @ 12" O.C.
WALL	1/2"	24/O	8D @ 4" O.C.	8D @ 8" O.C.

- BRIDGING UNLESS COVERED BY INTERIOR OR EXTERIOR WALL COVERINGS OR SHEATHING MEETING THE MINIMUM REQUIREMENTS OF THE CODE. ALL STUD PARTITIONS/WALLS OF 6' OR HIGHER SHALL HAVE BRIDGING NOT LESS THAN 2 INCHES IN THICKNESS AND OF THE SAME WIDTH AS THE STUDS FITTED SNUGLY AND NAILED THERETO TO PROVIDE ADEQUATE LATERAL SUPPORT.
- CUTTING AND NOTCHING ANY EXTERIOR OR BEARING WOOD STUD WALL MAY BE CUT OR NOTCHED TO A DEPTH NOT EXCEEDING 25 PERCENT OF ITS OVERALL WIDTH.
- BORED HOLES NOT GREATER IN DIAMETER THAN 40 PERCENT OF THE STUD WIDTH MAY BE BORED IN ANY WOOD STUD. IN NO CASE SHALL THE EDGE OF THE BORED HOLE BE NEARER THAN 1/4" INCH TO THE EDGE OF THE STUD. BORED HOLES SHALL NOT BE LOCATED AT THE SAME SECTION OF STUD AS A CUT OR NOTCH IN THE STUD. SEE STUD NOTCH/BORING DETAILS THIS SHEET.
- ALL PLAN DIMENSIONS ARE TAKEN FROM FACE OF STUDWALLS.
- ALL FLOOR/CEILING JOISTS SHALL BE 9/8" I-JOISTS UNLESS NOTED OTHERWISE. ALL JOISTS SHALL BE SPACED AT 16" O.C. UNLESS NOTED OTHERWISE.
- TOP PLATE OF STUD WALLS SHALL BE 8'-1/8" AFF UNLESS NOTED OTHERWISE. BEARING ELEV. FOR ALL LINTELS TO BE 8'-1/8" UNLESS NOTED OTHERWISE.

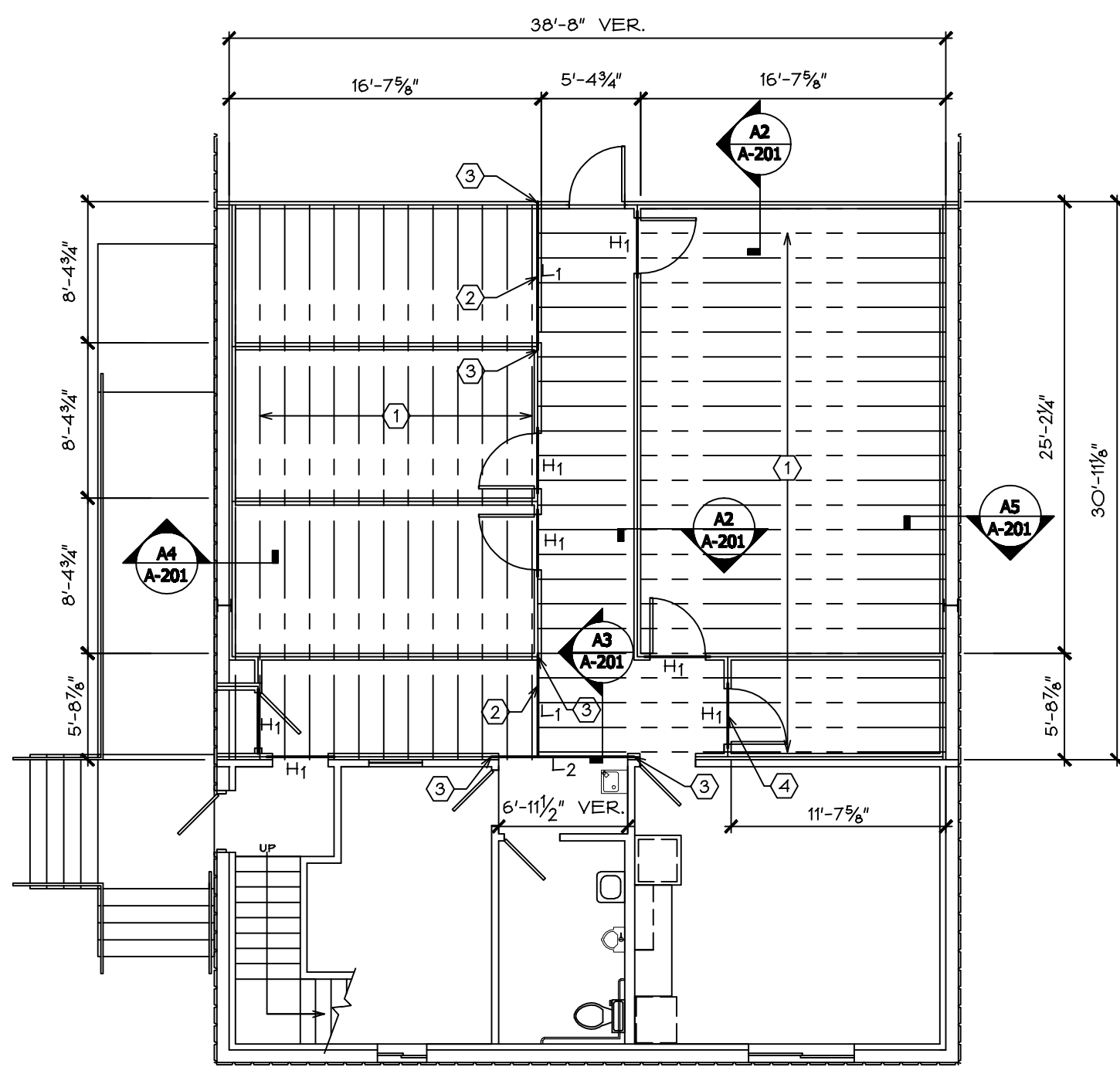
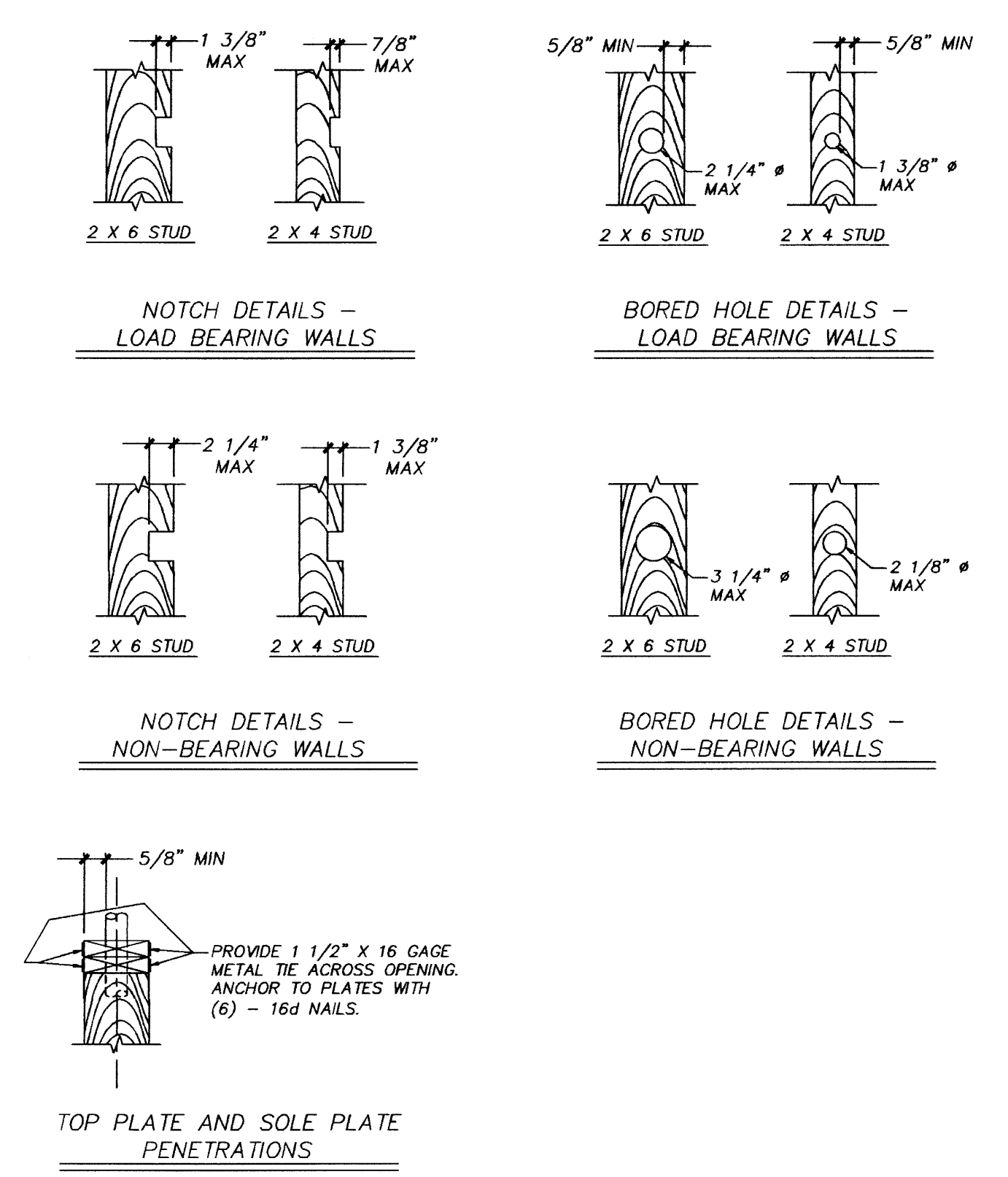
- LVL & I-JOIST MEMBERS**
- MANUFACTURER OF ALL LVL, I-JOIST MEMBERS SHALL BE BY ROSEBURG FOREST PRODUCTS OR EQUIVALENT MANUFACTURER.
 - ALL LVL MEMBER HEADERS SHALL BEAR FULLY ON MINIMUM OF ONE STUD MEMBER & ALL LVL MEMBER LINTELS SHALL BEAR FULLY ON MINIMUM OF TWO STUD MEMBERS.
 - ALL LVL MEMBERS SHALL BE 1&E GRADE OF WHICH SHALL BE CLEARLY STAMPED ON EACH MEMBER ALONG WITH MEMBER'S DEPTH.
 - ALL I-JOIST MEMBERS SHALL BE RFI 40 (PRI 40) GRADE OF WHICH SHALL BE CLEARLY STAMPED ON EACH MEMBER ALONG WITH MEMBER'S DEPTH.
 - ALL MEMBERS SHALL BE STORED, HANDLED, ERECTED, INSTALLED AND BRACED PER MANUFACTURE'S MINIMUM REQUIREMENTS.
 - ANY DAMAGED MEMBERS SHALL NOT BE INSTALLED WITHOUT CONFERRING WITH THE MANUFACTURER. FIRST, ULTIMATE LIABILITY FOR USING ANY DAMAGED MEMBERS RESTS SOLELY WITH THE INSTALLING CONTRACTOR.
 - NEED FOR FIELD CUTTING OR KNOCK-OUT OF ANY HOLES THRU WEB OF ANY I-JOIST MEMBER SHALL BE APPROVED BY I-JOIST MANUFACTURER & COORDINATED WITH ARCHITECT PRIOR TO BEING DONE IN THE FIELD & PENETRATIONS SHALL BE MADE IN STRICT ACCORDANCE WITH I-JOISTS MFGR'S. WEB HOLE CUTTING SPECIFICATIONS.

PLYWOOD/OSB
 1. FLOOR PLYWOOD SHALL BE 5/8" STANDARD T&G CDX APA RATED SHEATHING (4-PLY) WITH STAMP OF APPROVED TESTING AGENCY.
 2. OSB SHEATHING CAN BE USED IN LIEU OF PLYWOOD UNLESS IT IS SPECIFICALLY NOTED OTHERWISE AS LONG AS IT MEETS SAME CRITERIA AND WITH STAMP OF AN APPROVED TESTING AGENCY.

KEYED NOTES

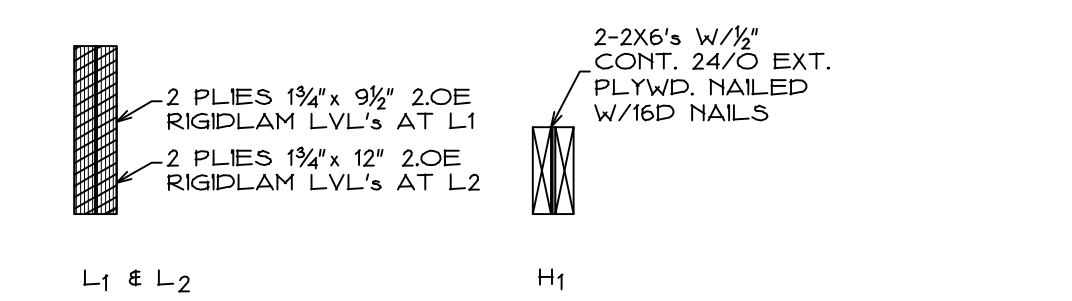
- TYPICAL 9/8" I-JOIST CEILING/FLOOR JOISTS FRAMING AT 16" O.C. BELOW (NOT SHOWN) ARE AT 24" O.C. NOTE THAT CEILING/SOFFIT JOISTS CAN RUN PARALLEL OR PERPENDICULAR TO RAFTERS.
- TYPICAL DOUBLED 9/8" LVL'S LINTEL AS SCHEDULED.
- EACH LINTEL TO FULLY REST ON MINIMUM OF 2 JOINED STUDS SET IN STUD WALL CAVITY.
- TYPICAL DOUBLED 2x's HEADER AS SCHEDULED.

STUD NOTCHES AND HOLE DETAILS



NAILING SCHEDULE

1. STUD TO SOLE PLATE.....	3-16d
2. DOUBLE STUDS.....	16d @ 30" O.C.
3. TOP PL. SPIKE TOGETHER.....	16d @ 24" O.C.
4. TOP PL. TO STUD.....	3-16d
5. HEADER TO STUD.....	3-16d
6. ALL OTHER NAILING SHALL BE PER IBC TABLE 230A.9.1 UNLESS OTHERWISE NOTED.	



LINTEL & HEADER SCHEDULE

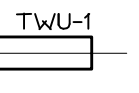

MEZZANINE FLOOR/CEILING JOISTS FRAMING PLAN

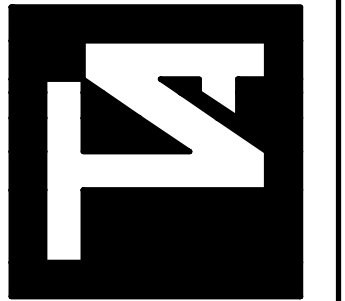
Sc. 1/8"=1'-0"



HVAC EQUIPMENT SCHEDULE	
ITEM	DESCRIPTION
TWU-1	AMANA PTH153G5OAXX THRU-WALL AC UNIT RATED AT 14,200 BTU COOLING & 13,800 BTU HEATING WITH 5.0 KW HEAT STRIP, 230V/208 VOLTS, 9.7 EER. INSTALL UNIT W/ AGKIOCB EXTERIOR GRILLE, W590OE INSULATED WALL SLEEVE, DK900D CONDEN. DRAIN KIT & 224600B PROGRAMMABLE T-STAT. INSTALL FOAM WEATHER SEAL AT EXT. OF UNIT TO MAKE ENTIRE INSTALLATION WATER TIGHT. MOUNT W/ TOP OF UNIT AT 80" AFF.
TWU-2	AMANA PTH093G35AXXX THRU-WALL AC UNIT RATED AT 9,000 BTU COOLING & 8,000 BTU HEATING WITH HEAT BACK UP, 230V/208 VOLTS, 11.5 EER. INSTALL UNIT W/ AGKIOCB EXTERIOR GRILLE, W590OE INSULATED WALL SLEEVE, DK900D CONDEN. DRAIN KIT & 224600B PROGRAMMABLE T-STAT. INSTALL FOAM WEATHER SEAL AT EXT. OF UNIT TO MAKE ENTIRE INSTALLATION WATER TIGHT. MOUNT W/ TOP OF UNIT AT 80" AFF.

PLANS LEGEND

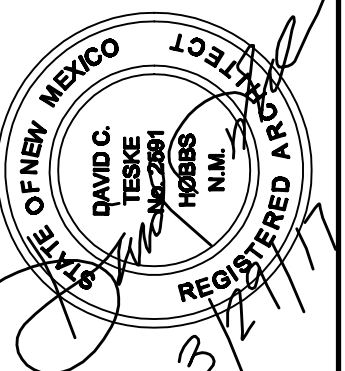
-  THRU-WALL PTAC UNIT TO BE MOUNTED WITH TOP SET AT 80" AFF
-  NEW WALL MOUNTED PROGRAMMABLE THERMOSTAT TO BE SET AT 54" AFF



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 1000 N. TURNER
 HOBBS, NEW MEXICO
 PHONE # (575)395-0960

GENERAL NOTES

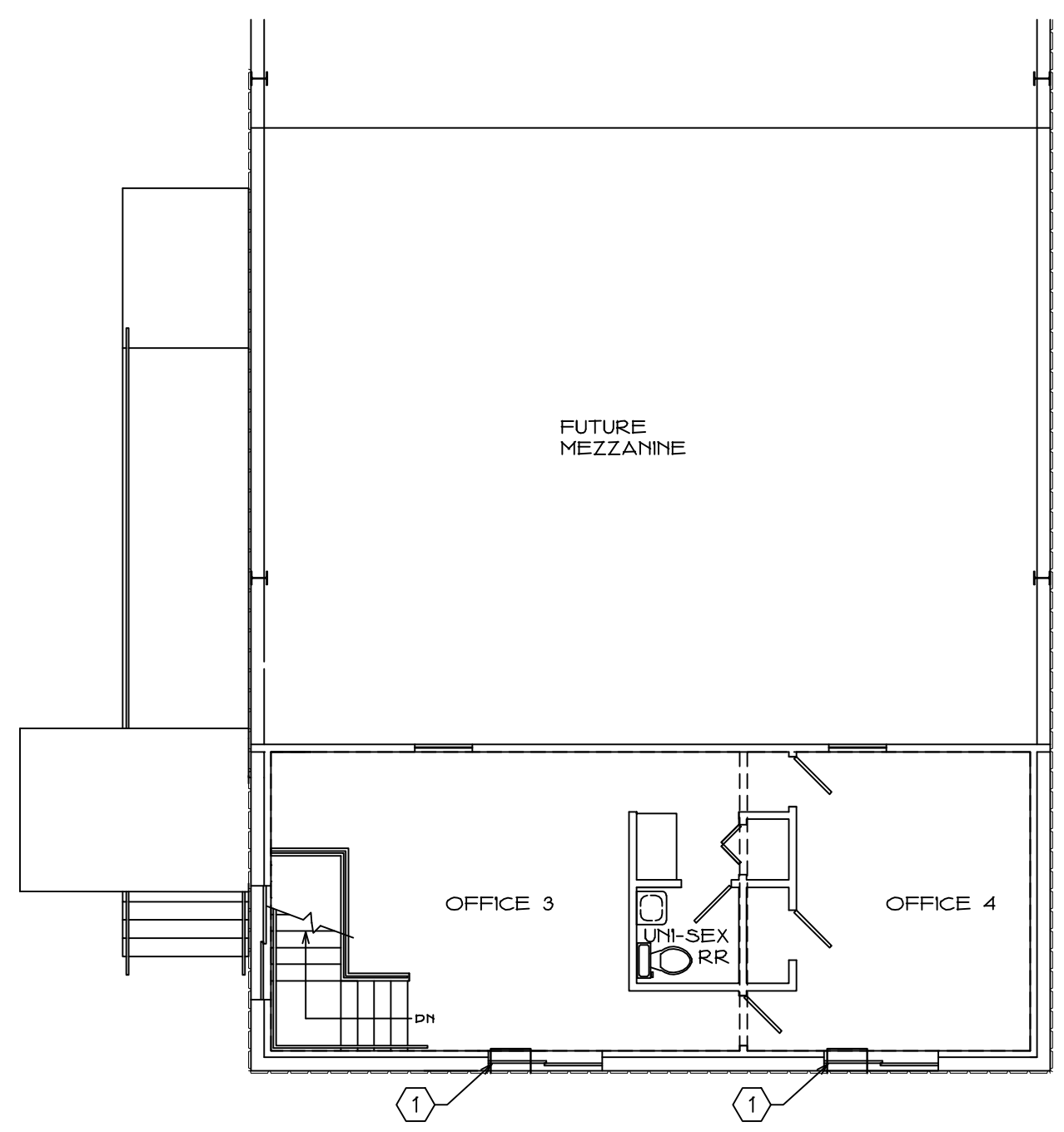
ALL WORK SHALL BE PER LATEST UNIFORM MECHANICAL CODE, UNIFORM PLUMBING CODE AND THEIR STATE ADOPTED EDITIONS.
 MECHANICAL CONTRACTOR SHALL COORDINATE HIS WORK WITH THE ELECTRICAL CONTRACTOR AS NEEDED TO AVOID ANY POSSIBLE CONFLICTS.
 CONTRACTORS SHALL CAREFULLY EXAMINE ALL BUILT CONDITIONS AND SHALL IMMEDIATELY REPORT ANY QUESTIONABLE CONDITIONS TO THE ARCHITECT & JOB SUPERINTENDENT BEFORE PROCEEDING WITH THE WORK.




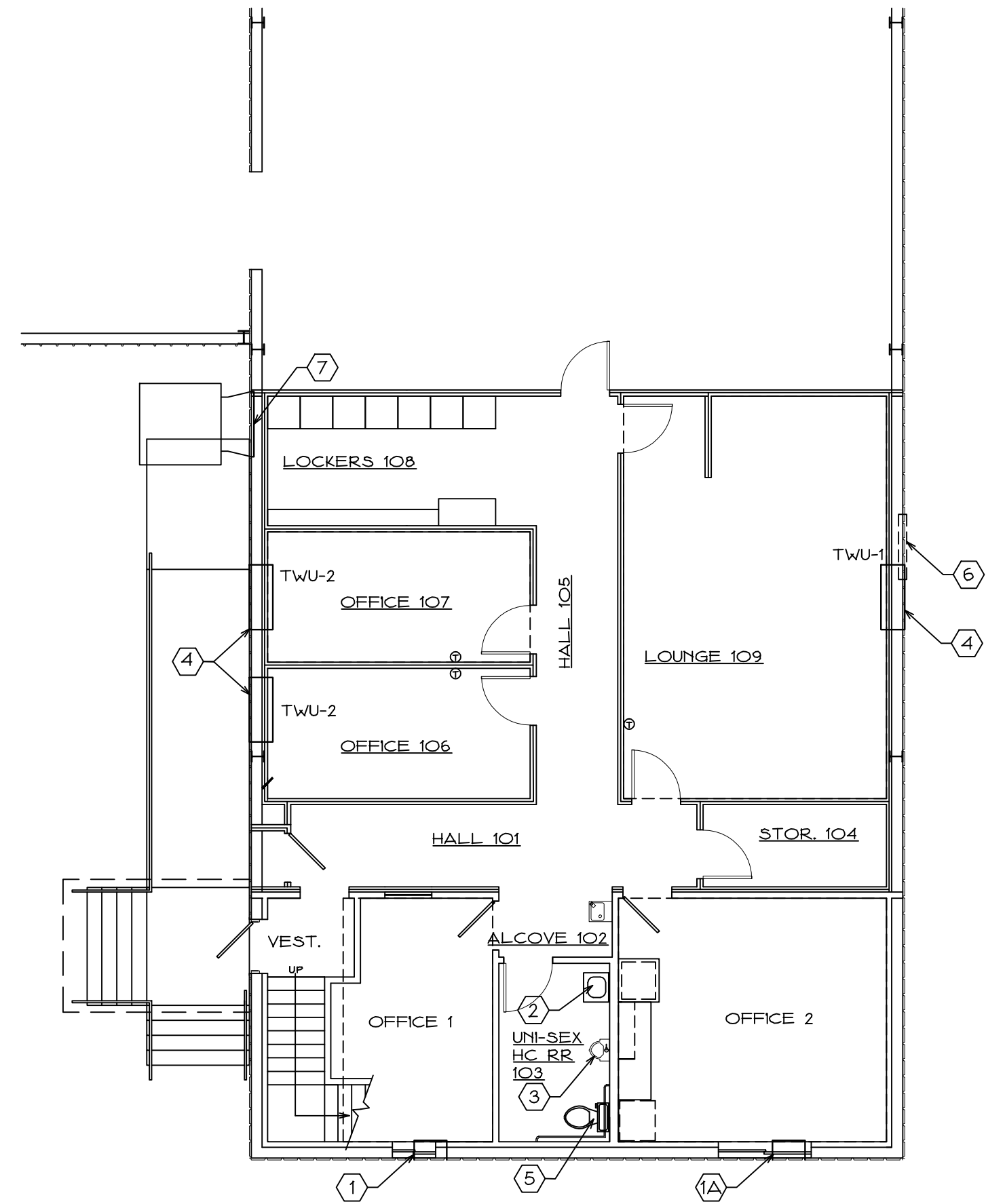
KEYED NOTES

1. EXISTING THRU-WALL HVAC UNIT TO BE REMOVED & REPLACED BY OWNER. EXISTING UNIT TO REMAIN IN PLACE AT 1A.
2. EXISTING LAVATORY & CABINET TO REMAIN IN PLACE.
3. EXISTING URINAL TO BE REMOVED & REINSTALLED ON WALL WITH A NEW RIM HGT. OF 17". INSTALL NEW FITTINGS & PIPE AS REQUIRED.
4. NEW THRU-WALL HVAC UNIT AS SCHEDULED TO BE INSTALLED IN NEW OPENING MADE THRU NEW & EXISTING WALL IN COORDINATION WITH THE GENERAL CONTRACTOR.
5. EXISTING WATER CLOSET TO BE REMOVED & SALVAGED FOR THE OWNER. INSTALL NEW HC COMPLIANT WATER CLOSET EQUIVALENT TO KOHLER HIGHLINE K-3519 WATER CLOSET.
6. EXISTING WALL FAN TO BE REMOVED BY OWNER & POWER TO FAN TERMINATED BY SAME.
7. EXISTING EVAP COOLER GRILLE OPENING TO BE BLANKED-OFF WITH 20 GA. GALV. BROKE SHEET METAL BY OWNER & SEALED TIGHT.

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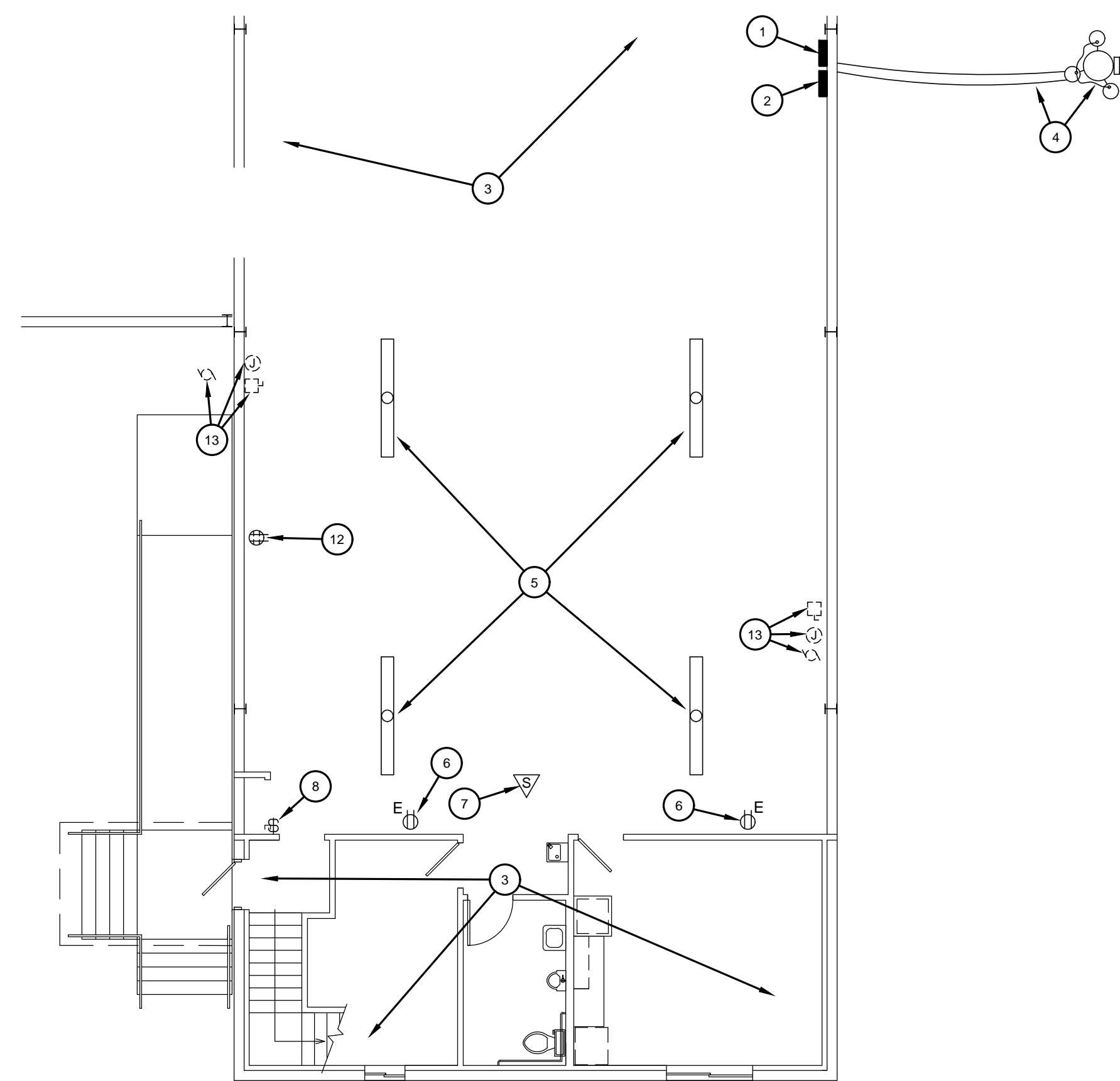
PARTIAL MECH. SECOND FLOOR PLAN
 SC. 1/8"=1'-0" 



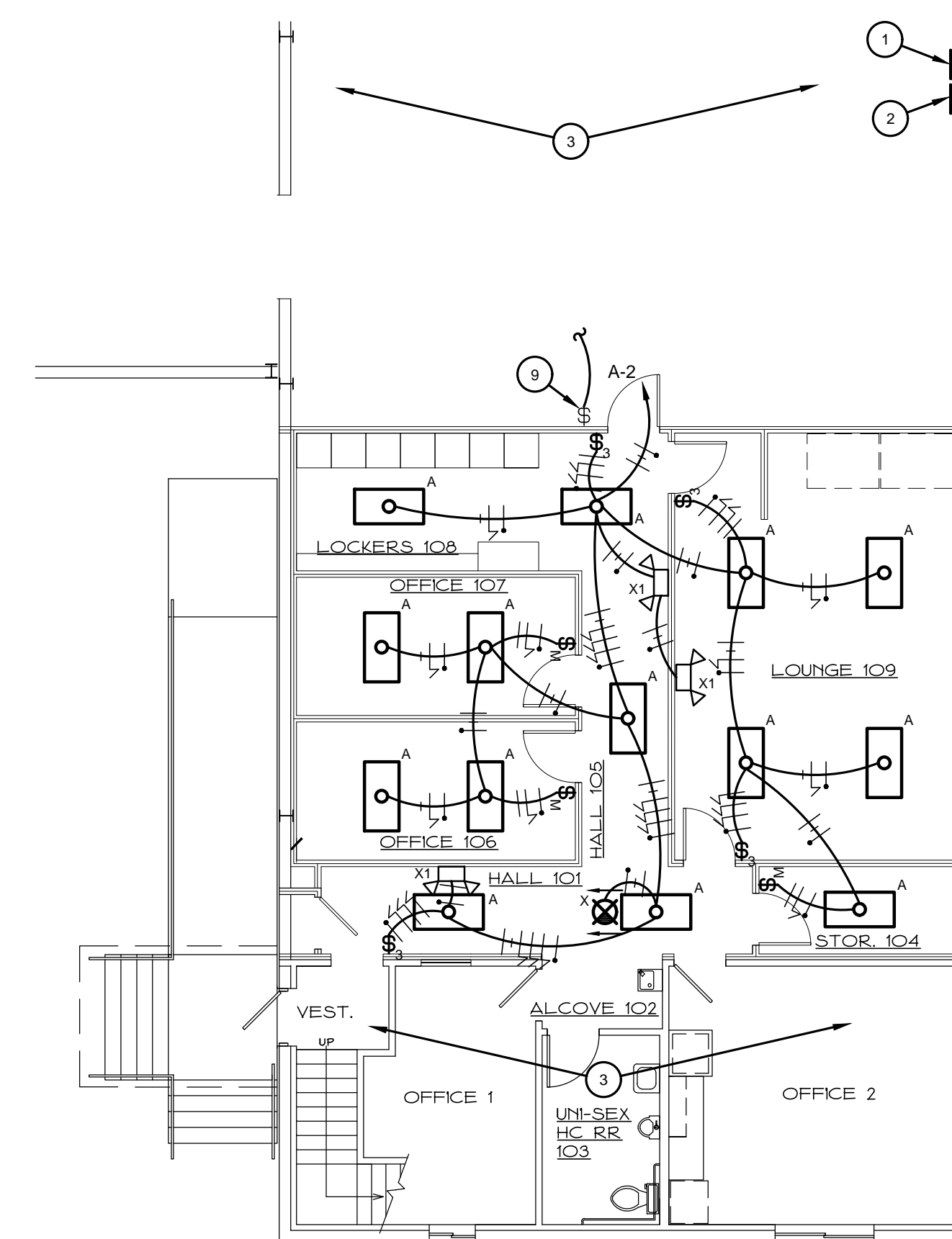
PARATIAL MECH. & PLUMBING FLOOR PLAN
 SC. 1/8"=1'-0" 

MARK	DATE	DESCRIPTION	ISSUE

PROJECT NO: -
 DRAWN BY: -
 CHECKED BY: DCT
 DATE: 3-29-17
 SHEET TITLE
PARTIAL MECHANICAL & PLUMBING FLOOR PLANS



PARTIAL GROUND FLOOR PLAN - DEMOLITION
SC. 1/8"=1'-0"



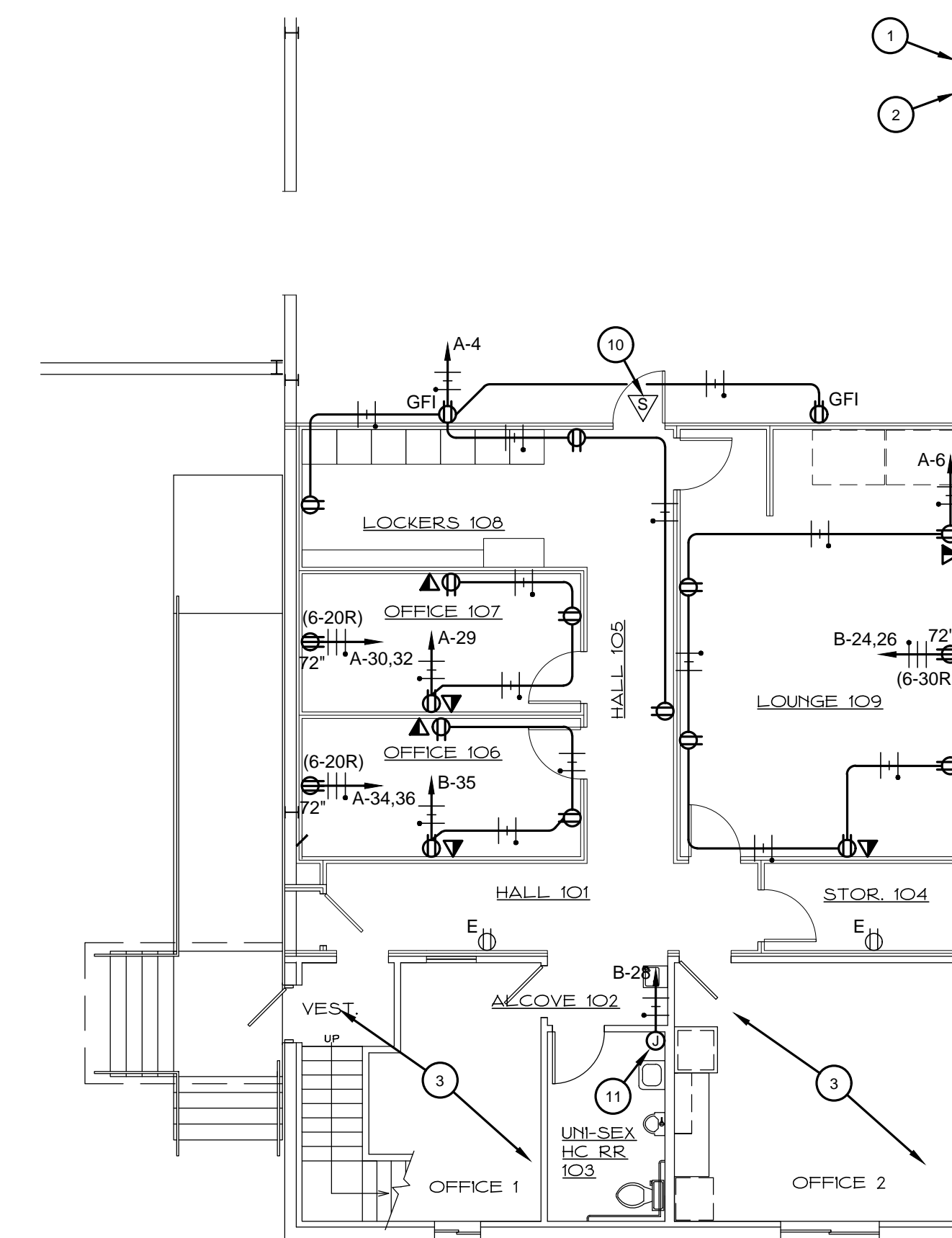
PARTIAL GROUND FLOOR PLAN - LIGHTING
SC. 1/8"=1'-0"

GENERAL NOTES:

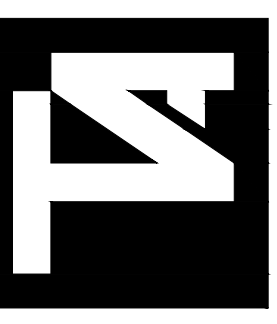
- A. VERIFY EXACT LIGHT FIXTURE LOCATIONS WITH ARCHITECTURAL REFLECTED CEILING PLAN.
- B. WALL BOX LIGHT SWITCH OCCUPANCY (MOTION) SENSORS SHALL BE EQUAL TO WATT-STOPPER NO. DW-100.
- C. IT IS ASSUMED THAT ANY OUTLET, SWITCH, RECEPTACLE, FIXTURE OR PANEL MAY BE RELOCATED WITHIN A TEN (10) FOOT RADIUS OF THE INDICATED LOCATION WITHOUT ADDITIONAL CHARGE TO THE OWNER.
- D. CONTRACTOR SHALL VERIFY EXISTING CONDITIONS BEFORE BIDDING TO DETERMINE THE TOTAL SCOPE OF WORK REQUIRED AND INCLUDE ALL IN BID.
- E. ALL ABOVE CEILING CABLING SHALL BE SEPARATED BY TYPE, BUNDLED NEATLY AND SUPPORTED BY J-HOOKS FROM STRUCTURE.
- F. VERIFY EXACT LOCATION OF ALL WALL, FLOOR AND CEILING MOUNTED DEVICES AND EQUIPMENT WITH THE ARCHITECT. VERIFY EXACT MOUNTING HEIGHTS OF ALL RECEPTACLES WITH ARCHITECT PRIOR TO ROUGH-IN.
- G. ELECTRICAL DEVICE INSTALLATION SHALL COMPLY WITH ACCESSIBILITY CODES ADOPTED FOR STATE OF NEW MEXICO.
- H. COORDINATE ALL RECEPTACLE, COMMUNICATION OUTLETS AND J-BOX LOCATIONS WITH ARCHITECTURAL WALL ELEVATIONS TO AVOID SHELIVING, MILLWORK, ETC.
- I. VERIFY EXACT MOUNTING HEIGHT OF ALL RECEPTACLES, COMMUNICATION OUTLETS AND J-BOXES SHOWN ABOVE OR BELOW MILLWORK, CABINETS, TABLES, ETC. WITH ARCHITECT PRIOR TO ROUGH-IN.
- J. CONTRACTOR SHALL PROVIDE COMMUNICATION OUTLET AND CONDUIT ROUGH-INS AS DIRECTED BY OWNER.
- K. VERIFY EXACT MECHANICAL EQUIPMENT, THERMOSTAT AND SENSOR LOCATIONS WITH MECHANICAL PLANS. PROVIDE A J-BOX AT ALL THERMOSTAT AND SENSOR LOCATIONS AND STUB UP 1/2" C. TO 6" ABOVE THE CEILING.
- L. COORDINATE EXACT LOCATIONS AND CONTROL REQUIREMENTS OF NEW HVAC EQUIPMENT WITH MECHANICAL CONTRACTOR. IF EQUIPMENT WITH ELECTRICAL REQUIREMENTS OTHER THAN INDICATED IS PROVIDED, IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO COORDINATE AND MODIFY THE ASSOCIATED ELECTRICAL EQUIPMENT (CIRCUIT BREAKERS, FUSES, DISCONNECTS, WIRING, CONDUIT, ETC.) TO ACCOMMODATE THE INSTALLATION. ALL REQUIRED MODIFICATIONS SHALL COMPLY WITH THE REQUIREMENTS OF THE NATIONAL ELECTRICAL CODE (NEC).
- M. TELEPHONE, DATA, COMBINATION TELEPHONE/DATA, CABLE T.V. AND AUDIO/VIDEO OUTLETS SHALL EACH CONSIST OF (1) TWO-GANG SQUARE BOX WITH SINGLE GANG ADAPTER TRIM RING AND (1) 3/4" CONDUIT STUBBED UP TO 6" ABOVE AN ACCESSIBLE CEILING. ALL COMMUNICATION CONDUITS SHALL BE INSTALLED WITH INSULATED THROAT BUSHINGS AT EACH END. ALL TELEPHONE, DATA, CABLE T.V. AND AUDIO/VIDEO WIRING, DEVICES AND TERMINATIONS INSTALLED BY OTHERS (OWNER'S VENDOR).

KEYED NOTES:

- 1 EXISTING PANEL "A" (208v) TO REMAIN.
- 2 EXISTING PANEL "B" (208v) TO REMAIN.
- 3 NO WORK IN THIS AREA.
- 4 EXISTING POWER POLE, METER BASE AND OVERHEAD SERVICE TO REMAIN AS EXISTING.
- 5 EXISTING LIGHT FIXTURES TO REMAIN FOR ILLUMINATION OF MEZZANINE LEVEL.
- 6 EXISTING RECEPTACLE TO REMAIN AS EXISTING.
- 7 EXISTING CEILING MOUNTED SPEAKER TO BE RELOCATED (SEE NOTE #10).
- 8 EXISTING SWITCH SERVING WAREHOUSE LIGHTING TO BE RELOCATED (SEE NOTE #9).
- 9 EXISTING RELOCATED SWITCH. EXTEND AND RECONNECT ALL FROM PREVIOUS LOCATION FOR OPERATION AS EXISTING.
- 10 EXISTING RELOCATED SPEAKER. EXTEND AND RECONNECT ALL FROM PREVIOUS LOCATION FOR OPERATION AS EXISTING.
- 11 SURFACE MOUNT J-BOX TO SERVE POWER CONNECTIONS TO NEW WALL HEATER. NEW SURFACE MOUNTED WALL HEATER SHALL BE EQUAL TO MARKEL NO. E3313TRPW (1500W, 120V). PROVIDE WITH A MARKEL NO. 3310EX33WR SURFACE MOUNTING FRAME. MOUNT HEATER A MINIMUM OF 12" A.F.F. TO HEATER BOTTOM.
- 12 EXISTING DOUBLE DUPLEX RECEPTACLE AND CONDUIT/WIRING TO BE REMOVED. REWORK/EXTEND EXISTING CIRCUIT AS REQUIRED THAT IS SERVING RECEPTACLES DOWNSTREAM TO REMAIN. VERIFY EXACT REQUIREMENTS AT JOBSITE.
- 13 EXISTING MECHANICAL EQUIPMENT AND ASSOCIATED ELECTRICAL TO BE REMOVED BY OWNER.

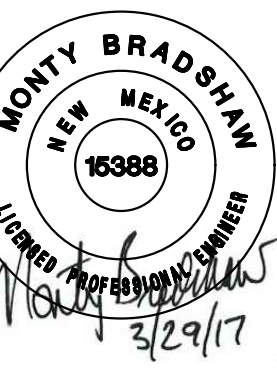


PARTIAL GROUND FLOOR PLAN - POWER & COMMUNICATIONS
SC. 1/8"=1'-0"



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LOVINGTON, NEW MEXICO

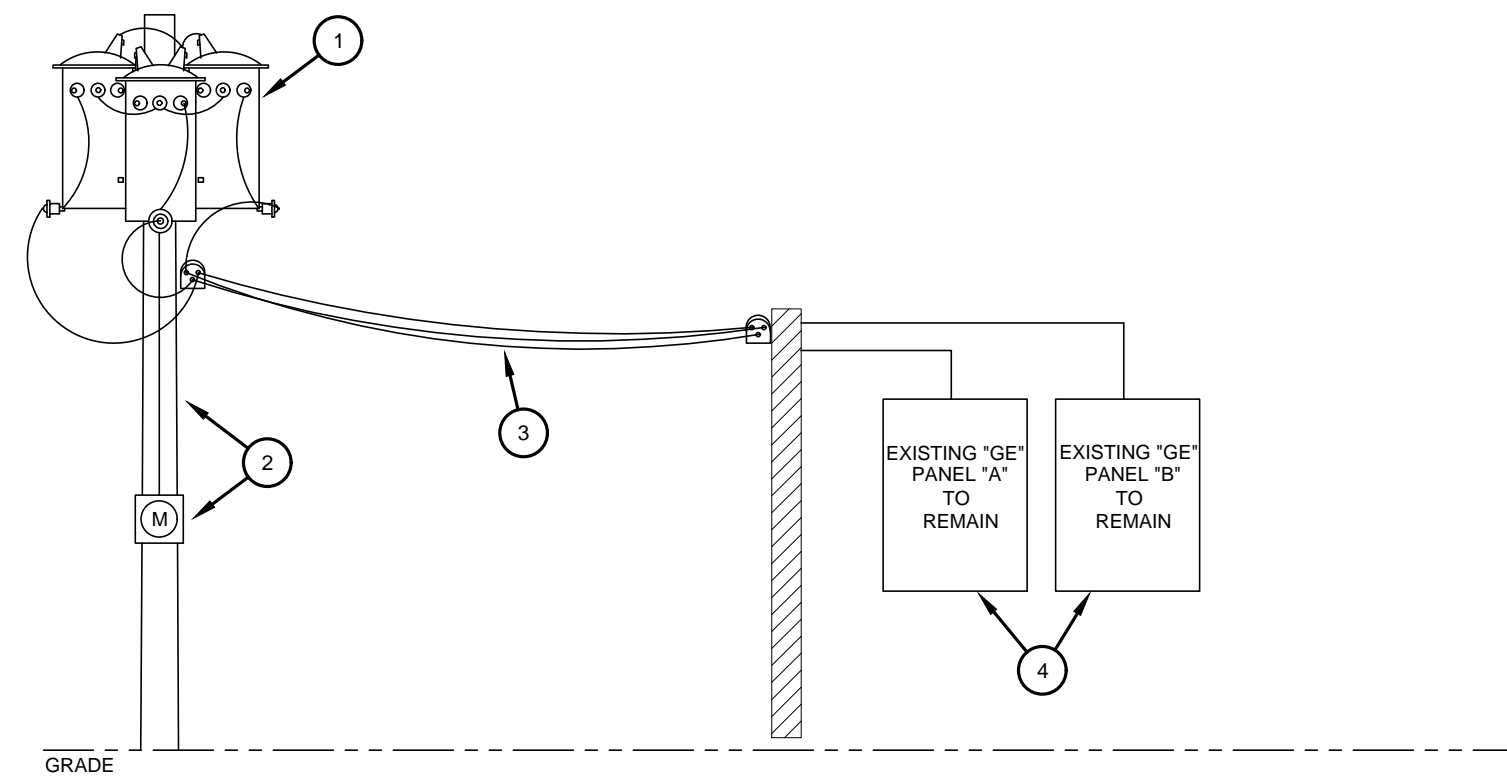
MARK	DATE	DESCRIPTION

PROJECT NO:
DRAWN BY: SAC
CHECKED BY: MDB
DATE: 3-29-17
SHEET TITLE
PARTIAL ELECTRICAL
FLOOR PLANS

WIRE AND CONDUIT SIZING CHART

BREAKER	15	20	25	30	35	40	45	50	60	70	80	90	100	125	150	175	200	225	250	300	350	400	450	500	600
PHASE	#12	#12	#10	#10	#8	#8	#8	#8	#6	#4	#4	#2	#2	#1	#1/0	#2/0	#3/0	#4/0	#250 MCM	#350 MCM	#500 MCM	(2) #3/0	(2) #4/0	(2) #250 MCM	(2) #350 MCM
NEUTRAL	#12	#12	#10	#10	#8	#8	#8	#8	#6	#4	#4	#2	#2	#1	#1/0	#2/0	#3/0	#4/0	#250 MCM	#350 MCM	#500 MCM	(2) #3/0	(2) #4/0	(2) #250 MCM	(2) #350 MCM
GROUND	#12	#12	#10	#10	#10	#10	#10	#10	#10	#10	#10	#8	#8	#6	#6	#4	#4	#4	#4	#4	#2	(2) #2	(2) #2	(2) #2	(2) #1/0
CONDUIT	1/2"	1/2"	1/2"	1/2"	1"	1"	1"	1"	1"	1-1/4"	1-1/4"	1-1/4"	1-1/4"	1-1/2"	2"	2"	2"	2-1/2"	2-1/2"	3"	4"	(2) 2-1/2"	(2) 2-1/2"	(2) 2-1/2"	(2) 3"

NOTE: UNLESS OTHERWISE INDICATED ON THE DRAWINGS, ALL CONDUCTORS AND CONDUIT SHALL BE SIZED FROM THIS CHART.
 (*) INDICATES NUMBER OF PARALLEL SETS



ELECTRICAL RISER DIAGRAM
NO SCALE

KEYED NOTES:

- EXISTING POLE MOUNTED 208V/3Ø TRANSFORMER BANK TO REMAIN AS EXISTING.
- EXISTING SECONDARY POLE AND METER BASE TO REMAIN.
- EXISTING OVERHEAD CONDUCTORS TO REMAIN.
- EXISTING PANEL, FEEDERS, BRANCH CIRCUITS AND CIRCUIT BREAKERS TO REMAIN AS EXISTING. INSTALL NEW CIRCUIT BREAKERS IN AVAILABLE OPEN SPACES AS SCHEDULED.

FAULT CALCULATION:

EXISTING 75KVA TRANSFORMER BANK @ 1.5% IMPEDANCE
 $75K / (208 \times 1.73205) = 208/1.5\% = 13,889 \text{ AIC}$
 EXISTING SERVICE ENTRANCE & SWITCHBOARD ARE RATED AT 22 KAIC

LOAD SUMMARY:

EXISTING PEAK SUMMER DEMAND LOAD AS MEASURED BY THE UTILITY COMPANY WAS 56KW = 156 AMPS.
 EXISTING SERVICE ENTRANCE EQUIPMENT AND MAINS ARE RATED AT 200 AMPS

NOTE: VERIFY ALL PANEL CONDITIONS PRIOR TO BID AND INCLUDE ALL LABOR AND MATERIALS NECESSARY FOR A COMPLETE OPERATION.

TYPE	VOLTS	MOUNTING	MANUFACTURER	CATALOG NUMBER	LAMPS	NOTES
A	120	SURFACE	TEXAS LED	207-A-248L-S32W3450L-DMV-35K	LED	---
X	120	UNIVERSAL	EELP	CA-2-R-1VV-EM	LED	---
X1	120	WALL	EELP	OEM-LED	LED	1

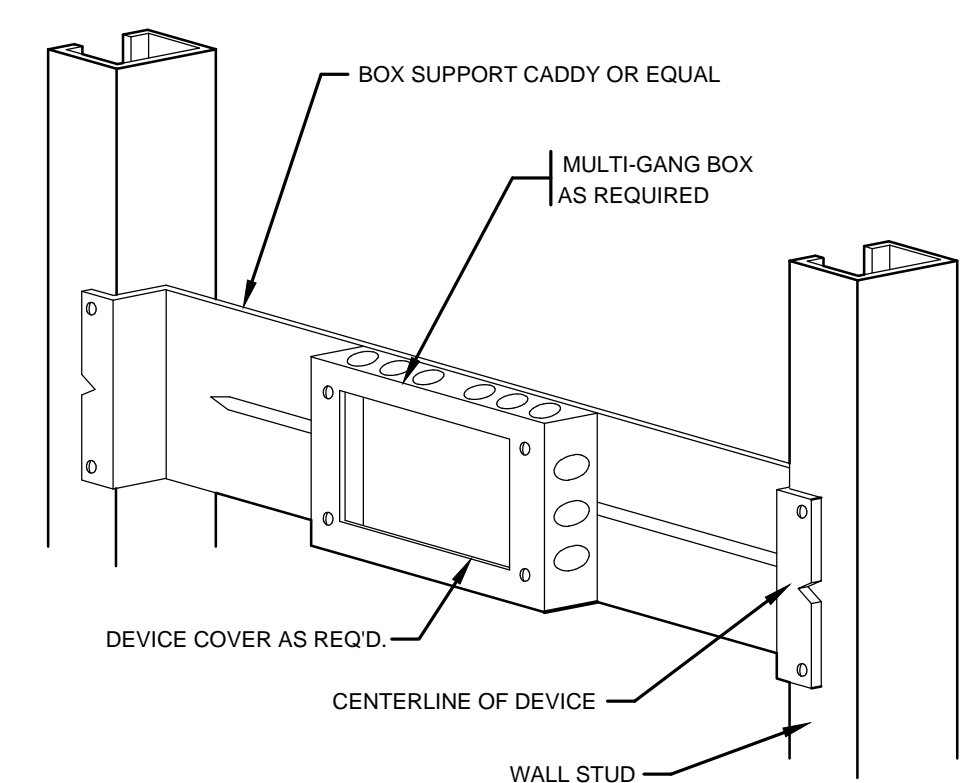
LIGHTING FIXTURE NOTES:
 1. MOUNT FIXTURE AT 8'-0" AFF TO FIXTURE BOTTOM OR AS DIRECTED BY ARCHITECT.

EXISTING PANEL "A"																	
MOUNTING SURFACE						MAINS											
208/120 VOLTS 3 PHASE 4 WIRE + GR.						200A MCB (22KAIC) BUS 225 AMPS. MIN. CKT. BKR. I.C. 10,000 AMPS.											
DESCRIPTION	LOAD / PHASE			BKR	CKT NO.	NOTES	CKT NO.	BKR	LOAD / PHASE			DESCRIPTION					
	A	B	C						A	B	C						
EXISTING LOAD	2400			60	1	2	2	20	1050			LIGHTING					
		2400			3	1	2	4	20		1000	RECEPTACLE					
			2400		5	2	6	20			1000	RECEPTACLE					
EXISTING LOAD	5000			100	7	8	7	2000				EXISTING LOAD					
		5000			9	1	10	70		2000		EXISTING LOAD					
			5000		11	12	12			2000		EXISTING LOAD					
EXISTING LOAD	500			20	13	14	14	750				EXISTING LOAD					
		500			15	1	16	20		750		EXISTING LOAD					
			500		17	18	18			750		EXISTING LOAD					
EXISTING LOAD	1500			50	19	20	20	700				EXISTING LOAD					
		1500			21	1	22	20		700		EXISTING LOAD					
			1500		23	24	24			700		EXISTING LOAD					
EXISTING LOAD	500			20	25	1	26	20	500			EXISTING LOAD					
EXISTING LOAD	500			20	27	1	28	20	500			EXISTING LOAD					
RECEPTACLE			600	20	29	2	30	20		2028		TWU-2					
EXISTING LOAD	700			30	31	2	32	20	2028			TWU-2					
		700			33	1	34	20		2028		TWU-2					
			600		35	2	36	20		2028		TWU-2					
EXISTING LOAD	600			20	37	38	38	1250				EXISTING SPARE					
EXISTING LOAD	500			20	39	1	40	30		1250		EXISTING SPARE					
EXISTING LOAD	500			20	41	1	42	20		500		EXISTING LOAD					
CONNECTED LOAD: 58,912						DEMAND LOAD: 58,912											
PHASE A: 19478 AMPS 162			PHASE A: 19478 AMPS 162			PHASE B: 19328 AMPS 161			PHASE B: 19328 AMPS 161			PHASE C: 20106 AMPS 168			PHASE C: 20106 AMPS 168		

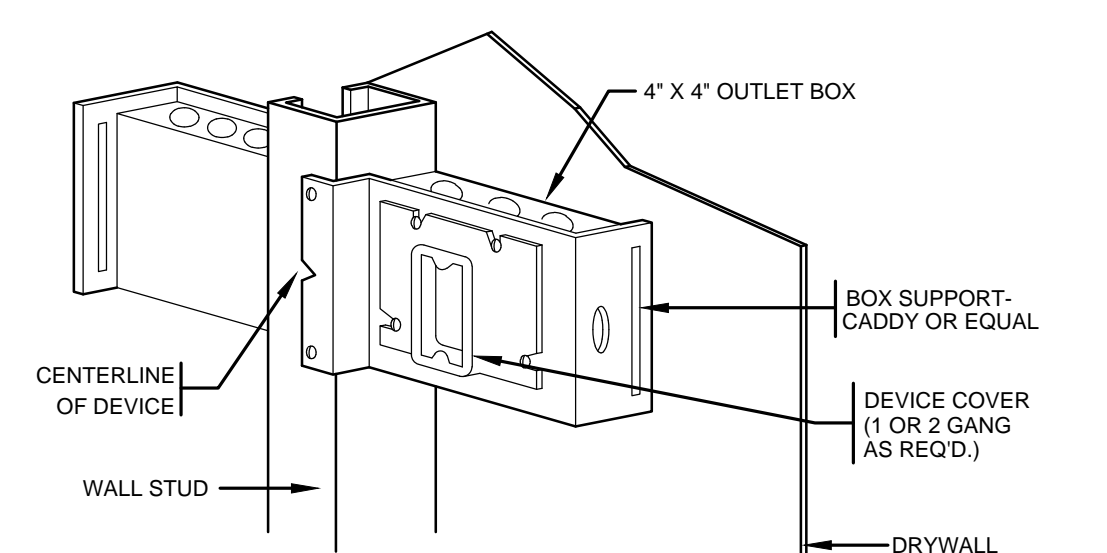
GENERAL NOTES:
 A. ALL 120V SINGLE PHASE BRANCH CIRCUITS SHALL BE PROVIDED WITH A DEDICATED NEUTRAL.
 NOTES:
 1. EXISTING CIRCUIT BREAKER/LOAD TO REMAIN AS EXISTING.
 2. PROVIDE/INSTALL NEW CIRCUIT BREAKER IN AVAILABLE OPEN SPACE.

EXISTING PANEL "B"																	
MOUNTING SURFACE						MAINS											
208/120 VOLTS 3 PHASE 4 WIRE + GR.						200A MCB (22KAIC) BUS 225 AMPS. MIN. CKT. BKR. I.C. 10,000 AMPS.											
DESCRIPTION	LOAD / PHASE			BKR	CKT NO.	NOTES	CKT NO.	BKR	LOAD / PHASE			DESCRIPTION					
	A	B	C						A	B	C						
EXISTING LOAD	5000			100	1	1	2	20	1250			EXISTING LOAD					
		5000			3	4	4	20		1250		EXISTING LOAD					
			5000		5	6	6			1250		EXISTING LOAD					
EXISTING LOAD	2000			70	7	8	8	1500				EXISTING LOAD					
		2000			9	1	10	60		1500		EXISTING LOAD					
			2000		11	12	12			1500		EXISTING LOAD					
EXISTING LOAD	750			20	13	14	14	500				EXISTING LOAD					
		750			15	1	16	20		500		EXISTING LOAD					
			750		17	18	18			500		EXISTING LOAD					
EXISTING LOAD	1000			20	19	20	20	15		400		EXISTING LOAD					
		1000			21	1	22	20		400		EXISTING LOAD					
			1000		23	2	24	30		2870		TWU-1					
EXISTING LOAD	800			20	25	26	26	20		1500		ELEC.HEATER					
		800			27	1	28	20				EXISTING SPARE					
			800		29	30	30					EXISTING SPARE					
EXISTING SPARE				60	31	32	32	60				EXISTING SPARE					
					33	34	34					EXISTING SPARE					
RECEPTACLE			600	20	35	2	36	20			400	EXISTING LOAD					
EXISTING LOAD	500			20	37	1	38	20	500			EXISTING LOAD					
		500			39	1	40	20		500		EXISTING LOAD					
EXISTING LOAD	500			20	41	1	42	20				SPACE					
CONNECTED LOAD: 49,940						DEMAND LOAD: 49,940											
PHASE A: 17070 AMPS 142			PHASE A: 17070 AMPS 142			PHASE B: 15700 AMPS 131			PHASE B: 15700 AMPS 131			PHASE C: 17170 AMPS 143			PHASE C: 17170 AMPS 143		

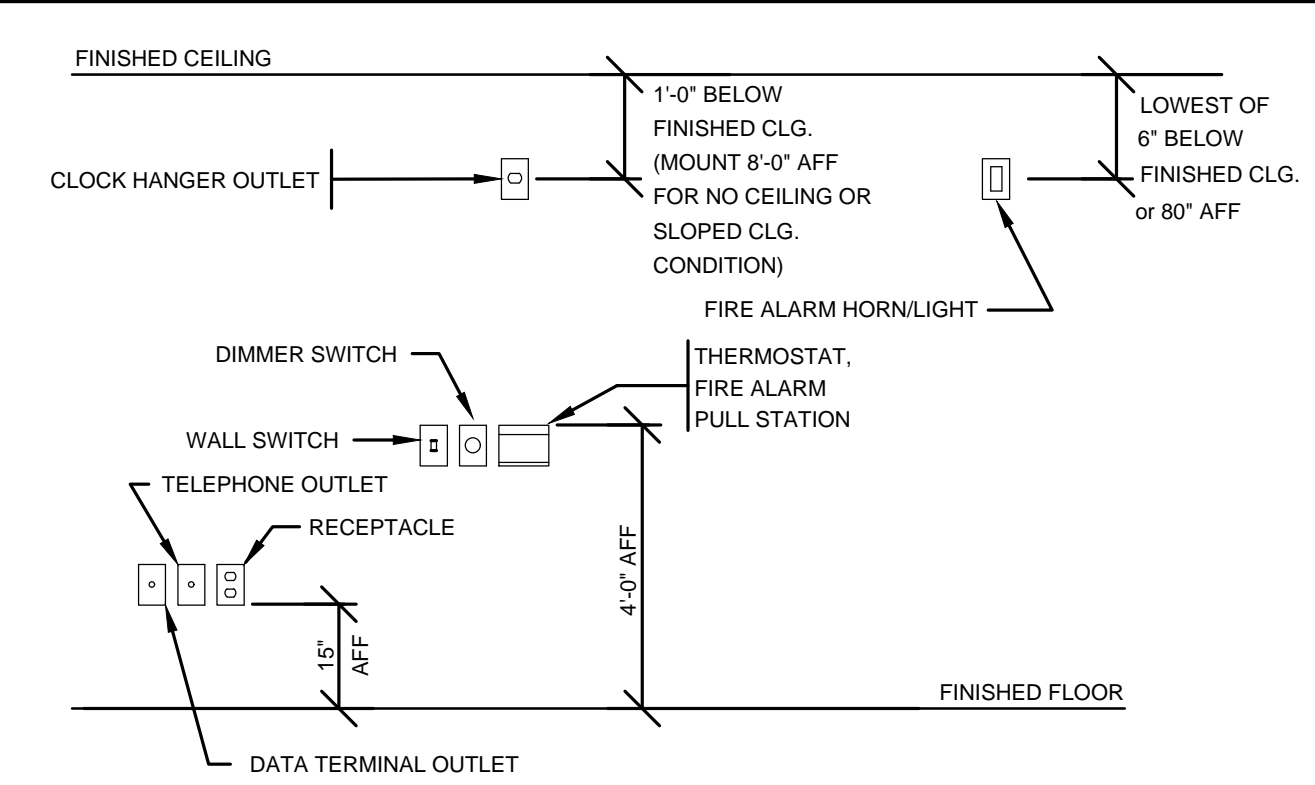
GENERAL NOTES:
 A. ALL 120V SINGLE PHASE BRANCH CIRCUITS SHALL BE PROVIDED WITH A DEDICATED NEUTRAL.
 NOTES:
 1. EXISTING CIRCUIT BREAKER/LOAD TO REMAIN AS EXISTING.
 2. PROVIDE/INSTALL NEW CIRCUIT BREAKER IN AVAILABLE OPEN SPACE.



MULTI-GANG OUTLET BOX DETAIL
NO SCALE

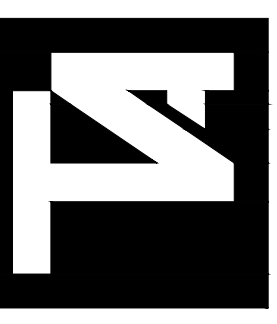


1 OR 2 GANG "BACK-TO-BACK" BOX DETAIL
NO SCALE



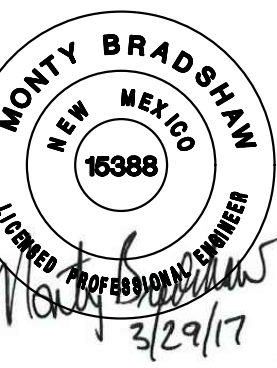
WIRING DEVICE MOUNTING HEIGHTS - TYPICAL
NO SCALE

SYMBOL	DESCRIPTION
○	2 X 4 LED LIGHTING FIXTURE - TYPE NOTED
⊞	EXIT LIGHT - TYPE NOTED
⊞X2	EMERGENCY LIGHT - TYPE NOTED
⊞	SPST, 3-WAY, 4-WAY, OCCUPANCY (MOTION) WALL SWITCH
⊞	DUPLEX RECEPTACLE - 20A, 125V, 2P, 3W, GROUNDING
⊞ ^{GFI}	DUPLEX RECEPTACLE WITH GFI
▽▽▽	TELEPHONE OUTLET, DATA OUTLET, COMBINATION TELEPHONE/DATA OUTLET LOCATION (I-BOX WITH 3/4" CONDUIT STUBBED TO 6" ABOVE ACCESSIBLE CEILING WITH CONDUIT BUSHINGS)
○	JUNCTION BOX
⊞	CIRCUIT RUN TO PANELBOARD - NUMBER OF WIRES SHOWN



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PUBLIC WORKS FACILITY
 REMODEL for
 CITY OF LOVINGTON
 LOVINGTON, NEW MEXICO

MARK	DATE	DESCRIPTION	ISSUE

PROJECT NO:
 DRAWN BY: SAC
 CHECKED BY: MDB
 DATE: 3-29-17
 SHEET TITLE
 ELECTRICAL RISER
 DIAGRAM, PANEL
 SCHEDULES, SYMBOL
 LEGEND AND DETAILS