

Colorado State University - Pueblo Art/Music Building Room #120 Remodel

Project #16012

2200 Bonforte Boulevard
Pueblo, Colorado 81001-4901

Abbreviations

#	AND	INT	INTERIOR
@	AT	IRRIG	IRRIGATION
#	FOUND OR NUMBER	JNT	JOINT
ACT	ACOUSTICAL CEILING TILE	JST	JOIST
ADJ	ADJUSTABLE	LAM	LAMINATED
ALUM	ALUMINUM	LAV	LAVATORY
APPROX	APPROXIMATE	MAX	MAXIMUM
ARCH	ARCHITECTURAL	MECH	MECHANICAL
BRG	BEARING	MFR	MANUFACTURER
BD	BOARD	MIN	MINIMUM
BLDG	BUILDING	MISC	MISCELLANEOUS
BLK	BLOCK	MO	MASONRY OPENING
BLKS	BLOCKING	MTD	MOUNTED
BM	BEAM	MTL	METAL
BO	BY OWNER	NIC	NOT IN CONTRACT
BTM	BOTTOM	NTS	NOT TO SCALE
CAB	CABINET	O/	OVER
CI	CAST IRON	OA	OVERALL
CLG	CEILING	OC	ON CENTER
CLO	CLOSET	OD	OUTSIDE DIAMETER
CLR	CLEAR	OPNG	OPENING
COL	COLUMN	OPP	OPPOSITE
CONC	CONCRETE	PCT	PORCELAIN TILE
CONN	CONNECTION	PL	PLATE
CONSTR	CONSTRUCTION	PLAM	PLASTIC LAMINATE
CONT	CONTINUOUS	PLYND	PLYWOOD
CORR	CORRIDOR	FR	PAIR
CB	COVE BASE	PT	PAINT
CMU	CONCRETE MASONRY UNIT	POINT	POINT
CFT	CARPET	RECEPT	RECEPTACLE
CT	CERAMIC TILE	RAD	RADIUS
DBL	DOUBLE	RB	RUBBER BASE
DTL	DETAIL	RD	ROOF DRAIN
DIA	DIAMETER	RE	REFERENCE
DIM	DIMENSION	REINF	REINFORCED
DN	DOWN	REQ'd	REQUIRED
DNKR	DRAWER	RM	ROOM
DS	DOWNSPOUT	RO	ROUGH OPENING
DWG	DRAWING	RVT	RESILIENT VINYL
(E) or EXIST	EXISTING	SAG	SUSPENDED
EA	EACH	SC	SEALED CONCRETE
EJ	EXPANSION JOINT	SC	SOLID CORE
ELEC	ELECTRICAL	SCHED	SCHEDULE
ELEV	ELEVATION	SECT	SECTION
EMER	EMERGENCY	SF	STORE FRONT
ENCL	ENCLOSURE	SHT	SHEET
EP	EPOXY	SHT MTL	SHEET METAL
EPT	EPOXY PAINT	SIM	SIMILAR
EQ	EQUAL	SOL	SOLID SURFACE
EQPT	EQUIPMENT	SPEC	SPECIFICATION
EXIST	EXISTING	SQ	SQUARE
EXP	EXPANSION	SS	STAINLESS STEEL
EXT	EXTERIOR	STD	STANDARD
FA	FIRE ALARM	STL	STEEL
FD	FLOOR DRAIN	STOR	STORAGE
FND	FOUNDATION	STRUCT	STRUCTURAL
FE	FIRE EXTINGUISHER	SUSP	SUSPENDED
FF	FACTORY FINISH	SV	SHEET VINYL
FG	FLOAT GLAZE	SYM	SYMMETRICAL
FIN	FINISH	TEL	TELEPHONE
FL	FLOOR	TER	TERRAZZO
FLUOR	FLUORESCENT	T&G	TONGUE AND GROOVE
FOB	FACE OF BLOCK	THK	THICK
FOG	FACE OF CONCRETE	TV	TELEVISION
FOF	FACE OF FINISH	TOW	TOP OF WALL
FOS	FACE OF STUDS	TYP	TYPICAL
FRP	FIBERGLASS REINFORCED	TO	TOP OF
FT	FOOT OR FEET	TOP	TOP OF PARAPET
FTG	FOOTING	UNO	UNLESS NOTED OTHERWISE
FURR	FURRING	UR	URINAL
FFE	FINISHED FLOOR ELEVATION	VCT	VINYL COMPOSITE TILE
GA	GAUGE	VERT	VERTICAL
GALV	GALVANIZED	VEST	VESTIBULE
GC	GENERAL CONTRACTOR	VIF	VERIFY IN FIELD
GL	GLASS	VTR	PLUMBING VENT THRU ROOF
GRD	GRADE	W	WITH
GYP BD	GYP SUM BOARD	WC	WATER CLOSET
GB	GYP SUM BOARD	WD	WOOD
HB	HOSE BIB	WO	WITHOUT
HC	HOLLOW CORE	WP	WATERPROOF
HWD	HARDWOOD	WR	WATER RESISTANT
HWR	HARDWARE	WRGB	WATER RESISTANT GYPSUM BOARD
HM	HOLLOW METAL	WSCOT	WAINSCOT
HORIZ	HORIZONTAL	WT	WEIGHT
HT	HEIGHT		
ID	INSIDE DIAMETER		
IG	INSULATED GLAZE		
INSUL	INSULATION		

General Notes

- ALL WORK CALLED FOR IN THESE PLANS SHALL BE EXECUTED WITH EXTREME CONCERN FOR CRAFTSMANSHIP AND SAFETY IN FULL ACCORDANCE WITH THE ADOPTED CODES AND ORDINANCES OF THE GOVERNING AGENCY IN WHICH THIS PROJECT IS BEING CONSTRUCTED.
- ALL WORK, WHETHER SPECIFICALLY CALLED FOR OR NOT, SHALL BE CONSTRUCTED UNDER THE LATEST CODES AND ORDINANCES AS ADOPTED BY GOVERNING AGENCY.
- THE GENERAL CONTRACTOR SHALL THOROUGHLY FAMILIARIZE HIMSELF WITH THESE DOCUMENTS PRIOR TO PROCEEDING WITH ANY CONSTRUCTION AND SHALL REPORT ANY DISCREPANCIES TO THE ARCHITECT PRIOR TO COMMENCING WITH ANY WORK. SHOULD ANY DEVIATIONS BE MADE TO THESE PLANS WITHOUT WRITTEN CONSENT FROM THE ARCHITECT, THE OWNER / GENERAL CONTRACTOR SHALL ASSUME ALL RESPONSIBILITY FOR SUCH DEVIATION (S).
- INFREQUENT SITE VISITS BY THE ARCHITECT IN NO WAY ALLEVIATES THE GENERAL CONTRACTORS RESPONSIBILITY IN REGARDS TO CODE COMPLIANCE, SAFETY AND THOROUGHNESS.
- ALL SUBCONTRACTORS SHALL VISIT JOB SITE WITHIN 24 HOURS PRIOR TO COMMENCING WITH WORK. THE SUBCONTRACTOR TO BE RESPONSIBLE FOR REVIEWING RELATED TRADES SUBSURFACE PREPARATION AND SHALL REPORT ANY NON- CONFORMING DISCREPANCY TO THE GENERAL CONTRACTOR. EXECUTION OF WORK BY ANY SUBCONTRACTOR INDICATES ACCEPTANCE OF PREVIOUS TRADES WORK.
- THE OWNER AGREES TO HOLD HARMLESS, INDEMNIFY AND DEFEND THE ARCHITECT, HIS EMPLOYEES AND CONSULTANTS AGAINST ANY AND ALL LIABILITY, CLAIMS, DAMAGES AND COST OF DEFENSE ARISING OUT OF THE ERRORS AND OMISSIONS, OR NEGLIGENT ACTS CAUSED BY THE UNAUTHORIZED MODIFICATIONS TO THESE PLANS.
- ANY CHANGE (S), MODIFICATION (S), OR ALTERATION (S) TO THESE PLANS SHALL BE AT THE SOLE RISK OF PERSON (S) MAKING OR CAUSING THE SAME.
- THE ARCHITECT AND ARCHITECT'S CONSULTANTS SHALL HAVE NO RESPONSIBILITY FOR THE DISCOVERY, PRESENCE, HANDLING, REMOVAL AND DISPOSAL OF OR EXPOSURE OF PERSONS TO HAZARDOUS MATERIALS IN ANY FORM AT THE PROJECT SITE, INCLUDING BUT NOT LIMITED TO ASBESTOS, ASBESTOS PRODUCTS, POLYCHLORINATED BIPHENYL (PCB) OR OTHER TOXIC SUBSTANCES.

Symbol Legend

	= EMERGENCY EGRESS DOOR
	= PORTABLE FIRE EXTINGUISHER, w/BACKET or w/CABINET, 10# TYPE ABC
	= ELEVATION DATUM
	= EXTERIOR ELEVATION CALLOUT
	= SECTION CALLOUT
	= DETAIL CALLOUT
	= INTERIOR ELEVATION
	= DOOR CALLOUT, WINDOW CALLOUT, ROOM CALLOUT, WALL TYPE TAG
	= SHEET TITLE
	= DETAIL TITLE

Sheet Index

GENERAL	
G1	COVER PAGE
ARCHITECTURAL	
D1	DEMOLITION PLAN
A1	FLOOR PLAN & ROOM FINISH SCHEDULE
A2	EQUIPMENT FLOOR PLAN & SCHEDULE
MECHANICAL/PLUMBING	
MPO.1	DRAWING INDEX, GENERAL NOTES, LEGENDS AND SCHEDULES
MP1.1	FLOOR PLAN - HVAC and PLUMBING DEMO
MP2.1	FLOOR PLAN - HVAC
MP2.2	FLOOR PLANS - WASTE/VENT and WATER
ELECTRICAL	
EO.1	OVERALL PLAN and SYMBOL LEGENDS
EI.1	ELECTRICAL PLANS and DETAILS

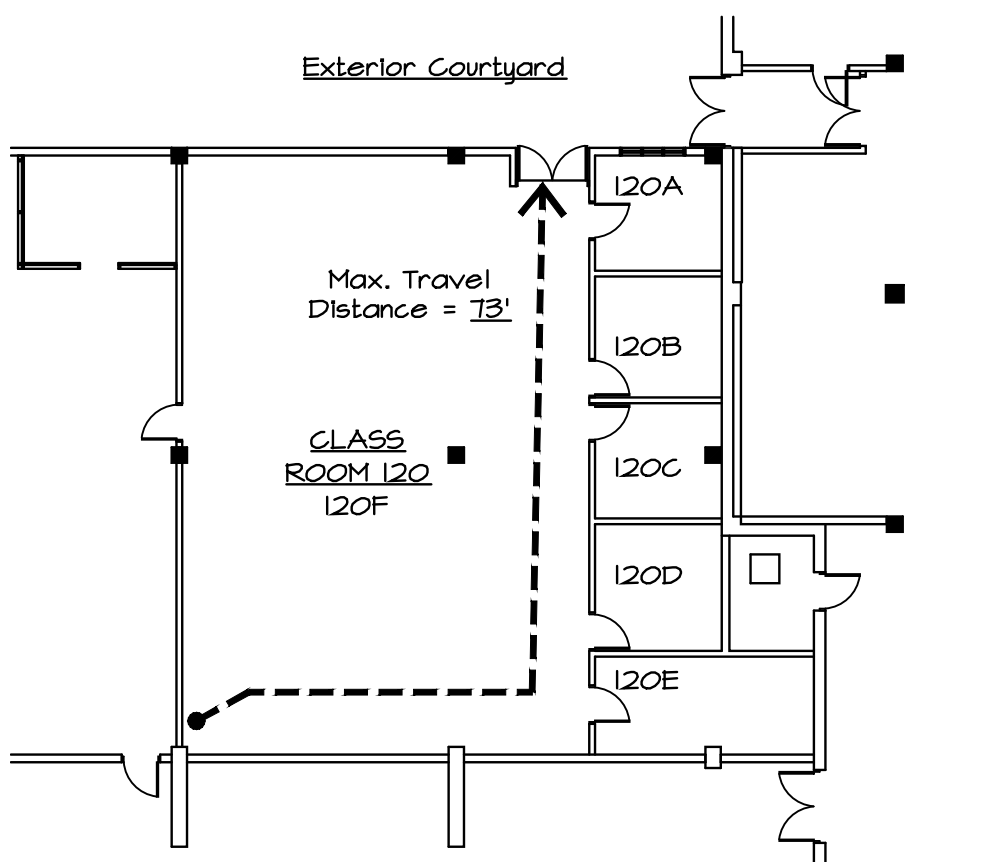
Consultants / Contacts

Owner: Colorado State University - Pueblo Art/Music Building Room #120 Remodel Project #16012 2200 Bonforte Boulevard Pueblo, Colorado 81001	Mechanical Engineer: AE Associates, INC Roger Lemmon, P.E. 308 West Fillmore Suite 308 Colorado Springs, CO 80907 719-262-9430 roger.lemmon@aeassociates.net
Architect: Weldner & Associates, L.L.C. Steve Weldner, RA 301 North Main Street Suite 205 Pueblo, CO 81003 719-696-8241 Steve@WeldnerAndAssociates.net	Electrical Engineer: Kohert Electrical Engineers Mike Kohert, PE 411 South 8th Street Suite 200 Colorado Springs, CO 80906 1-719-693-2631 email@kohertees.com

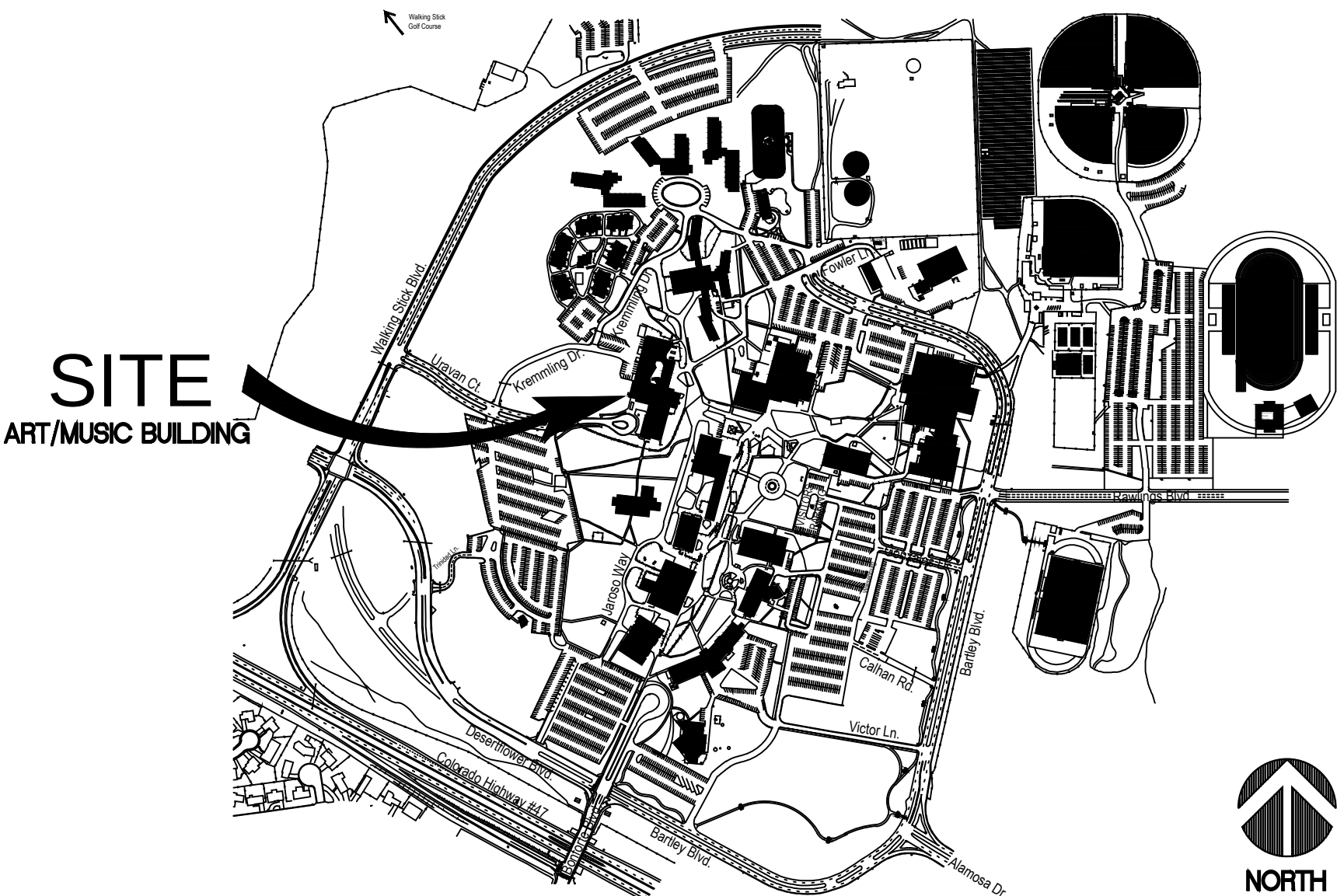
Project Description

Colorado State University - Pueblo
Art/Music Building Room #120 Remodel
Project # 16012
1,977 Sq. Ft. For Art Printmaking Studio.

Exiting Plan



Vicinity Map



Code Compliance

IBC 2015	
Building Occupancy (IBC Section 306.2)	B
Seperation of Occupancies (IBC Table 508.4)	NA
Construction Type (IBC Section 602.3)	NA
Allowable Height and Area (IBC Table 503)	
Height (Stories)	NA
Height (Feet)	NA
Area	NA
Actual Height and Area	
Height (Stories)	NA
Height (Feet)	NA
Area of Remodel - Class Room 120	2486 sf
Occupant Load (IBC Table 1004.1.2)	
Class Rooms 120 CDEF = 1776 net sf / 50	35.52
Office 120 A = 110 gross sf / 100	1.1
Storage 120 B = 110 gross sf / 300	.33
Total Occupant Load	36.95 = <u>37</u>
Fire Sprinklers (IBC Section 903)	Not Sprinkled
Allowable Area Increase (IBC Section 506)	NA
Exits (IBC Table 1006.3.1)	
Class Room 120	1 req'd / 1 provided
Exit Travel Distance (IBC Table 1006.2.1)	Max. 75' / Actual 73'

CONSULTANTS:

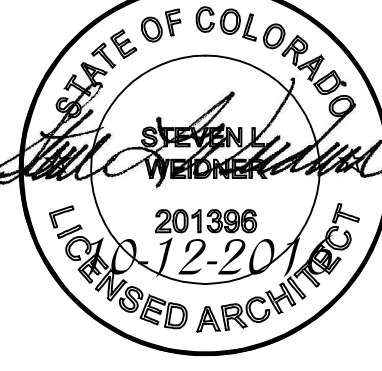
WELDER & ASSOCIATES, LLC
ARCHITECTURE

Colorado State University -Pueblo
Art/Music Building Room #120 Remodel

Project #16012

2200 Bonforte Boulevard
Pueblo, Colorado 81001-4901

STAMP:



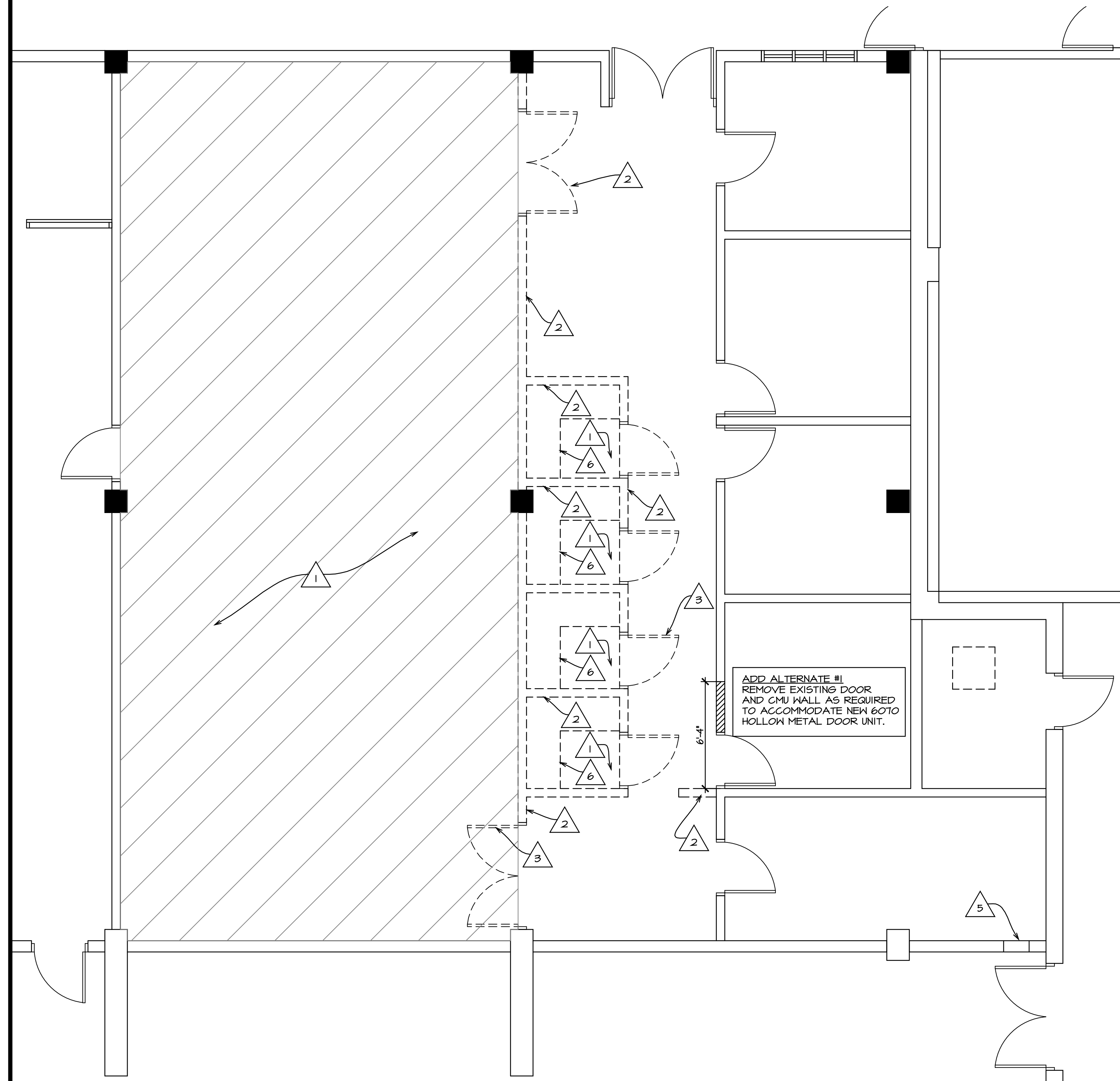
ISSUE RECORD:

REVIEW	5-9-2016
Code Corrections /	100% CD's
	10-12-2016

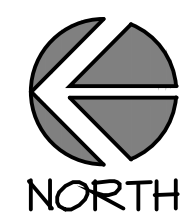
PROJECT NUMBER:	2016-07
DRAWN BY:	L. Ramos
REVIEWED BY:	S. Weldner

Cover Page

G1

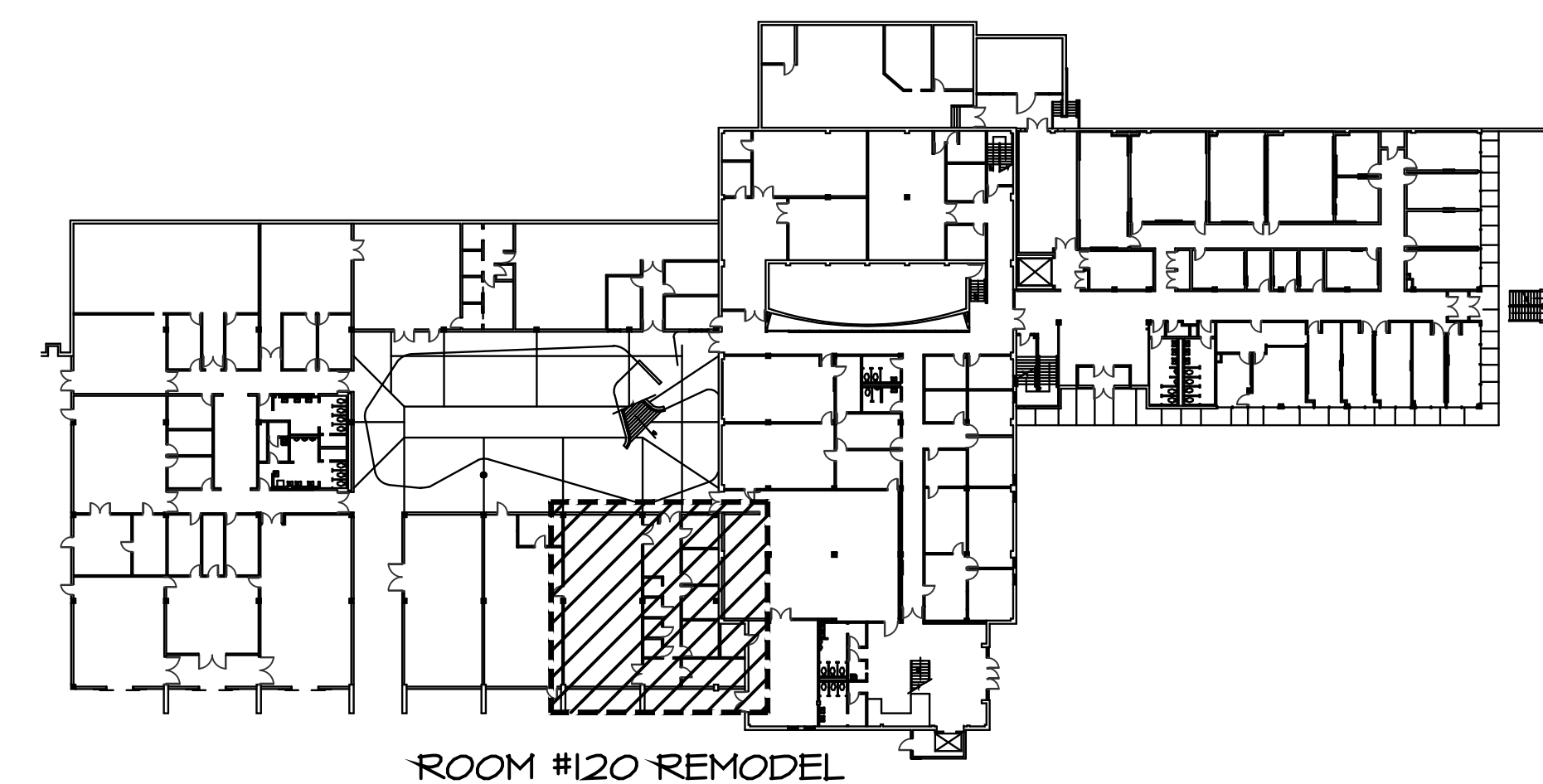


DEMOLITION FLOOR PLAN
1/4" = 1' - 0"

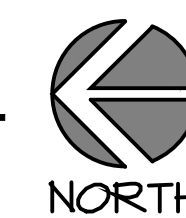


DEMOLITION NOTES:

1. REMOVE EXISTING CARPET AND GLUE FOR NEW CONCRETE SEALER ON EXISTING CONCRETE FLOOR.
2. REMOVE EXISTING PARTITIONS AND CEILING. PREPARE DAMAGED AREAS FOR REFINISH.
3. REMOVE EXISTING DOORS, FRAMES AND HARDWARE. RETURN TO OWNER.
4. NOT USED.
5. REMOVE EXISTING EXTERIOR WALL AS REQUIRED FOR NEW THRU WALL VENT, RE. HVAC PLANS.
6. REMOVE EXISTING CABINETS/COUNTERTOPS.



KEY PLAN - ART/MUSIC BUILDING
N.T.S.



CONSULTANTS:

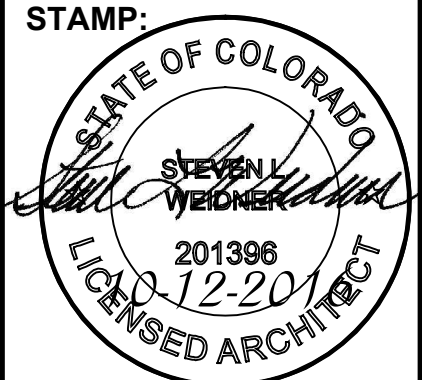


301 N. MAIN ST., SUITE 205 PUEBLO, COLORADO 81003
719-696-8249 (O)

Colorado State University -Pueblo
Art/Music Building Room #120 Remodel
Project #16012

2200 Bonforte Boulevard
Pueblo, Colorado 81001-4901

STAMP:



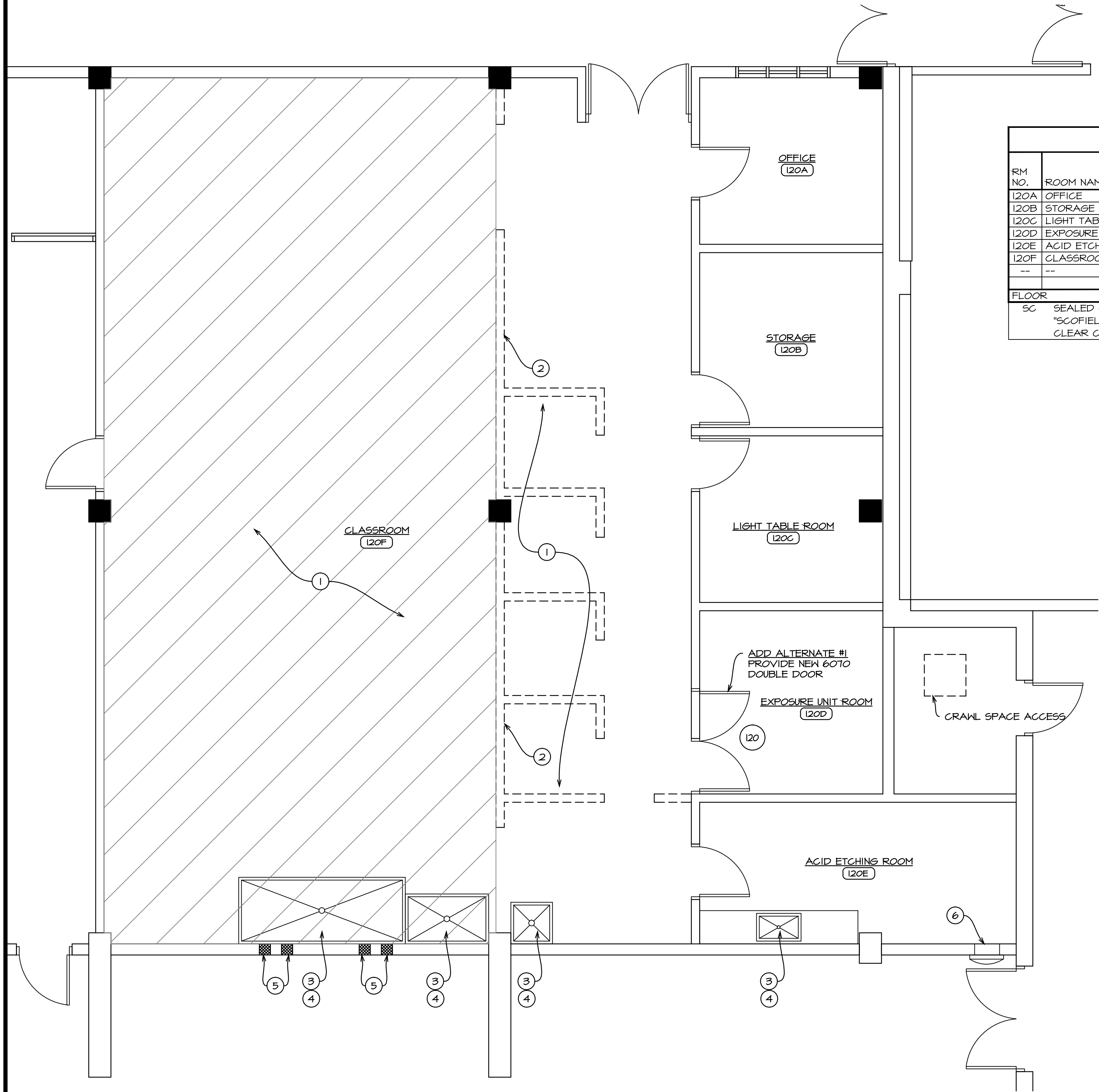
ISSUE RECORD:

REVIEW	5-9-2016
Code Corrections	100% CD's
	10-12-2016

PROJECT NUMBER:	2016-07
DRAWN BY:	L. Ramos
REVIEWED BY:	S. Wedner

DEMOLITION
FLOOR PLAN

D1



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

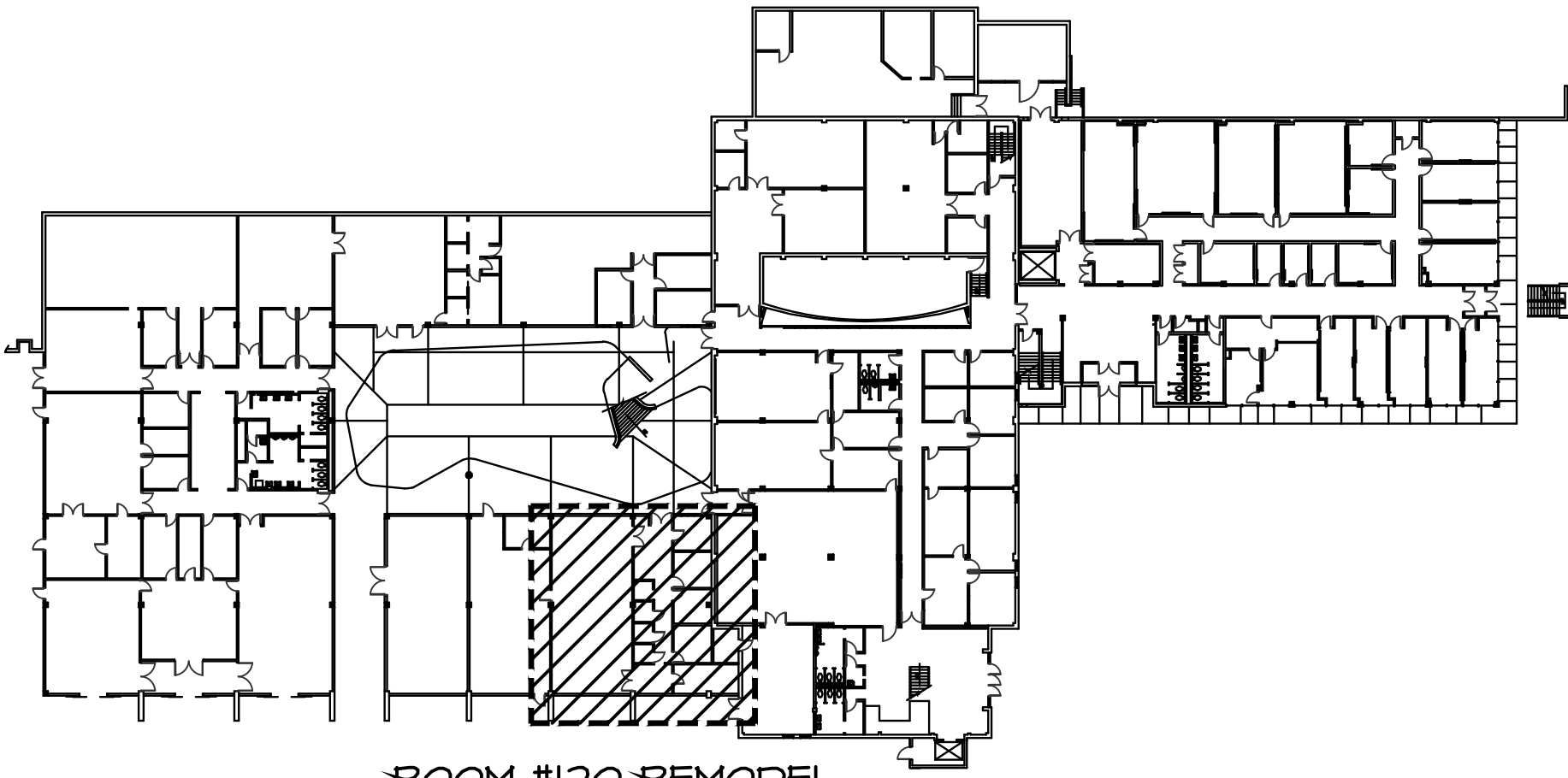
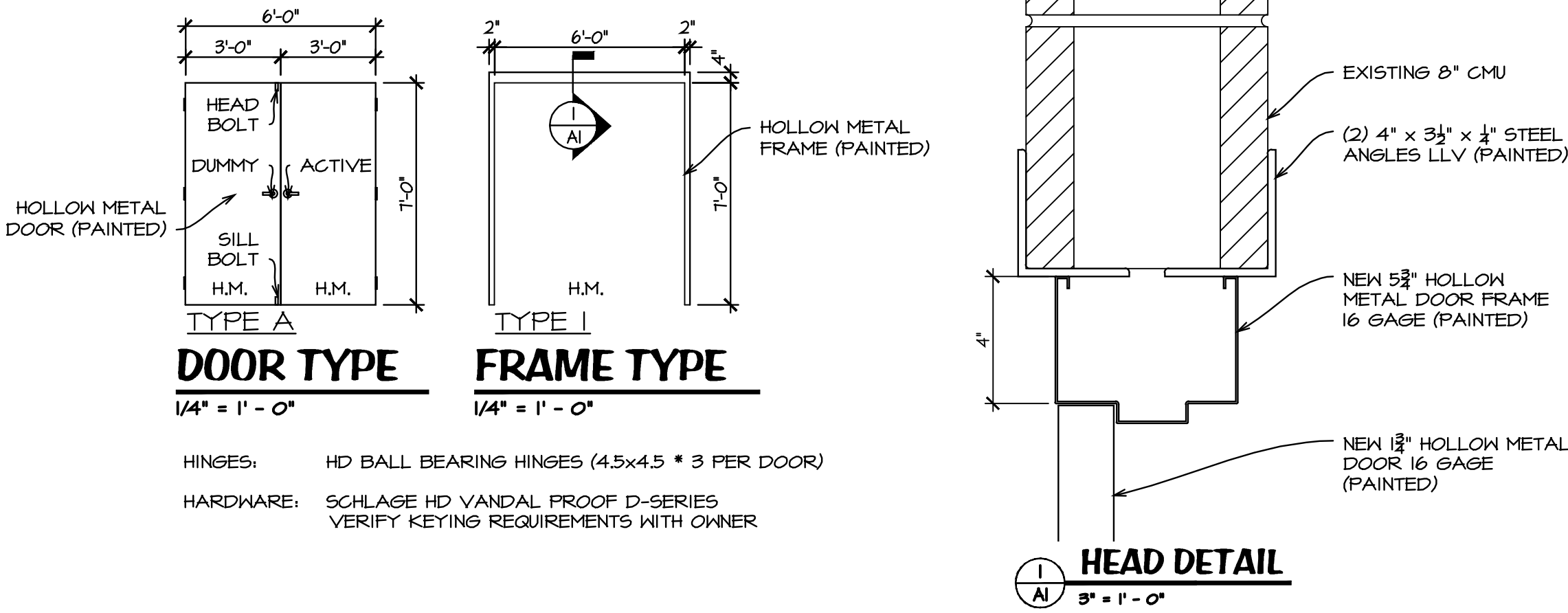


- CONSTRUCTION NOTES:**
1. PREPARE EXISTING CONCRETE FLOOR FOR NEW CONCRETE SEALER.
 2. PATCH AND REPAIR EXISTING DAMAGED AREAS AS REQUIRED FOR NEW REFINISH.
 3. SURFACE MOUNT HCN LINES FROM EXISTING HCN LINE TO NEW SINK LOCATIONS. POINT OF CONNECTION TO OCCUR ABOVE FLOOR. RE: PLUMBING PLANS.
 4. POINT OF CONNECTION FOR NEW WASTE/VENT LINES TO OCCUR IN CRAWL SPACE INTO EXISTING WASTE/VENT LINES. FIELD VERIFY LOCATION. RE: PLUMBING PLANS.
 5. CORE DRILL THROUGH EXTERIOR CMU WALL AT 2ND COURSE DOWN FROM HIGH WINDOW SILL FOR (4) 8" DIA. EXHAUST FAN DUCTS. FIELD VERIFY LOCATION. RE: MECHANICAL PLANS.
 6. PATCH AND REPAIR EXISTING EXTERIOR WALL AS REQUIRED AFTER THRU WALL VENT IS INSTALLED. RE: HVAC PLANS.

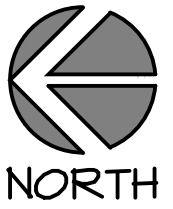
SCHEDULE OF MATERIALS AND FINISHES																			RM NO.
RM NO.	ROOM NAME	FLOOR		BASE		WALLS NORTH		EAST		SOUTH		WEST		CEILING			REMARKS		
		MAT	FIN	MAT	FIN	MAT	FIN	MAT	FIN	MAT	FIN	MAT	FIN	MAT	FIN	HT			
120A	OFFICE	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	120A	
120B	STORAGE	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	120B	
120C	LIGHT TABLE ROOM	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	120C	
120D	EXPOSURE UNIT ROOM	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	120D	
120E	ACID ETCHING ROOM	---	---	---	---	PT	---	PT	---	PT	---	PT	---	---	---	4'- 14'	---	120E	
120F	CLASSROOM	---	SC	VB	---	PT	---	PT	---	PT	---	PT	---	---	---	4'- 14'	VB at NORTH WALL ONLY	120F	
		---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
FLOOR				BASE				WALL				CEILING							
SC SEALED CONCRETE				VB 4" VINYL BASE				PT PAINT - COLOR: WHITE											
"SCOFIELD CEMENTONE"				---				---				---							
CLEAR CONCRETE SEALER OR EQUAL				---				---				---							

ADD ALTERNATE #1- DOUBLE DOOR UNIT

DOOR SCHEDULE														
DOOR MARK	DOOR SIZE	DOOR		FRAME		DETAILS				FIRE LABEL	HDKR GROUP	SWING	REMARKS	DOOR MARK
		TYPE	FIN	TYPE	FIN	HEAD	JAMB	SILL						
120	(2) 3'-0"x7'-0"x1 1/2"	A	H.M.	P	I	H.M.	P	I/AI	--	--				
ABBREVIATIONS														
H.M. HOLLOW METAL				P. PAINT										



KEY PLAN - ART/MUSIC BUILDING
N.T.S.



CONSULTANTS:

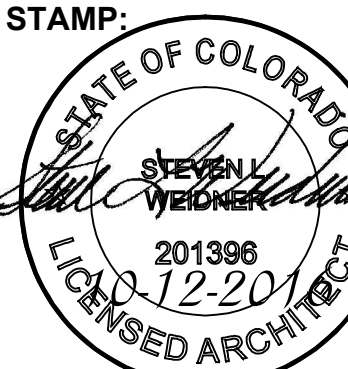
WEDNER & ASSOCIATES, LLC
ARCHITECTURE

301 N. MAIN ST., SUITE 205 PUEBLO, COLORADO 81003
719-696-8249 (O)

Colorado State University -Pueblo
Art/Music Building Room #120 Remodel

Project #16012

2200 Bonforte Boulevard
Pueblo, Colorado 81001-4901

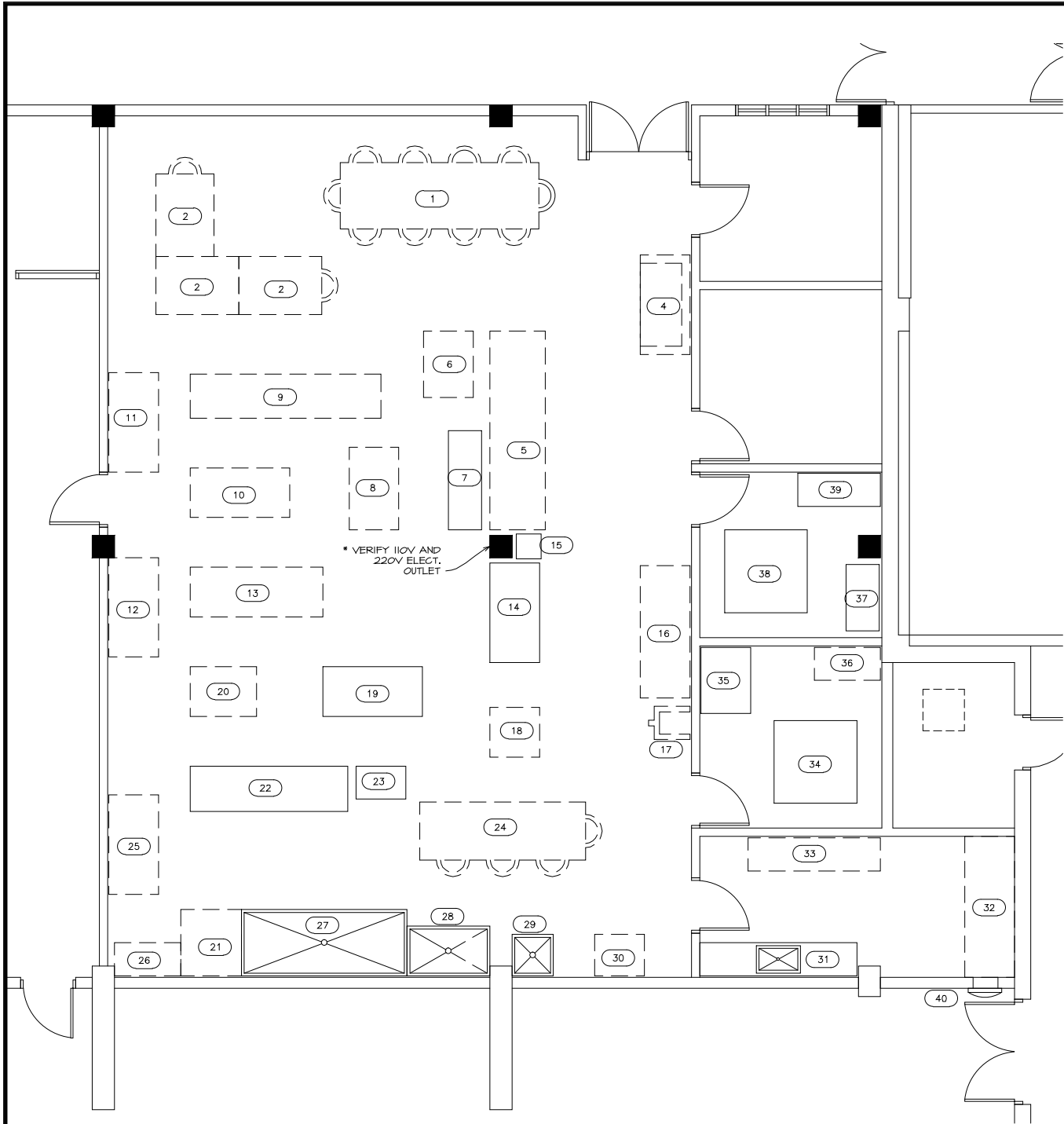


ISSUE RECORD:
REVIEW 5-9-2016
Code Corrections / 100% CD's
10-12-2016

PROJECT NUMBER: 2016-07
DRAWN BY: L. Ramos
REVIEWED BY: S. Wedner

**FLOOR PLAN &
ROOM FINISH
SCHEDULE**

A1

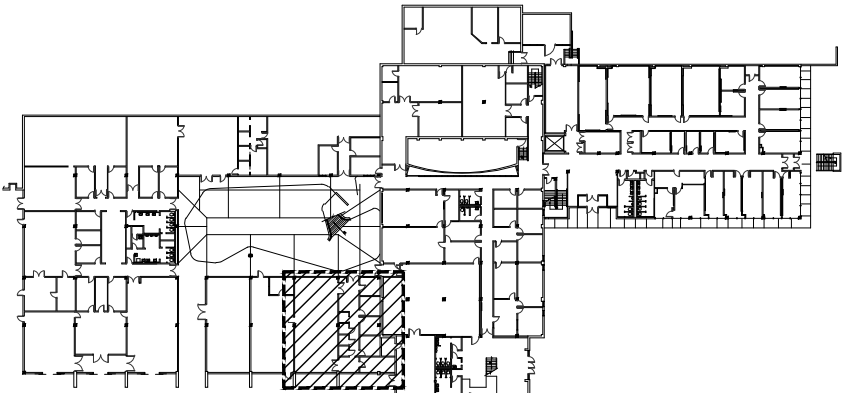


EQUIPMENT FLOOR PLAN
1/4" = 1' - 0"



SCHEDULE OF EQUIPMENT									
EQPT. NO.	DISCRIPTION	SIZE	ELECT. POWER	WATER SUPPLY	DRAIN LINE	MECH. VENT	GAS LINE	REMARKS	RM NO.
1	TABLE AND CHAIRS	48" x 144"	--	--	--	--	--	--	1
2	BLACK WORK TABLE (3)	42" x 60"	--	--	--	--	--	--	2
3	NOT USED	--	--	--	--	--	--	--	3
4	SOFA	36" x 72"	--	--	--	--	--	--	4
5	STUDENT STORAGE DRAWERS	40" x 144"	--	--	--	--	--	--	5
6	AQUATINT BOX	* 36" x 48"	--	--	--	--	--	--	6
7	HOT PLATE	* 24" x 12"	* 110V	--	--	--	--	--	7
8	WIPING TABLE	* 36" x 60"	--	--	--	* DROP VENT	--	--	8
9	LAKE ETCHING	32" x 138"	--	--	--	--	--	--	9
10	PELICAN ETCHING	* 36" x 12"	--	--	--	--	--	--	10
11	* TABLE	* 36" x 12"	--	--	--	--	--	--	11
12	* TABLE	* 36" x 12"	--	--	--	--	--	--	12
13	REMBRANDT LITHO	36" x 96"	--	--	--	* DROP VENT	--	--	13
14	DICKERSON ELECT. PRESS	36" x 72"	* 220V	--	--	--	--	--	14
15	SHARPENING WHEEL	* 18" X 18"	* 110V	--	--	--	--	--	15
16	LITHO STONE RACK	36" x 96"	--	--	--	--	--	--	16
17	STONE JACK PARKING	* 30" x 24"	--	--	--	--	--	--	17
18	DRYING RACK	* 36" x 36"	--	--	--	--	--	--	18
19	FUCHS & LANG LITHO PRESS	* 36" x 12"	* 110V	--	--	* DROP VENT	--	--	19
20	PAPER TABLE	* 44" x 48"	--	--	--	--	--	--	20
21	DRYING RACK	* 36" x 96"	--	--	--	--	--	--	21
22	LAKE LITHO PRESS	33" X 114"	* 110V	--	--	* DROP VENT	--	--	22
23	ETCHING STAND	* 24" x 36"	* 110V	--	--	--	--	--	23
24	TABLE AND CHAIRS	42" x 120"	--	--	--	--	--	--	24
25	* TABLE	* 36" x 12"	--	--	--	--	--	--	25
26	SHELVES	24" x 48"	--	--	--	--	--	--	26
27	* GRAINING SINK	* 48" x 120"	--	* 1/2" CW & 1/2" HW	* 1/2"	--	--	--	27
28	PLATE WASHER	* 36" x 60"	--	* 1/2" CW & 1/2" HW	* 1/2"	--	--	--	28
29	HAND SINK	* 30" x 30"	--	* 1/2" CW & 1/2" HW	* 1/2"	--	--	--	29
30	SOLVENT CABINET	* 30" x 36"	--	--	--	--	--	--	30
31	* SINK	* 24" x 112"	--	* 1/2" CW & 1/2" HW	* 1/2"	--	--	--	31
32	* ACID ETCHING	* 36" x 102"	--	--	--	* VENT HOOD	--	--	32
33	STORAGE SHELVES	-* 24" x 96"	--	--	--	--	--	--	33
34	EXPOSURE UNIT	* 60" x 60"	* 220V	--	--	--	--	* FIT THRU 3 FT DOOR	34
35	LIGHT TABLE	36" x 48"	* 110V	--	--	--	--	--	35
36	SHELVES	24" x 48"	--	--	--	--	--	--	36
37	PRINTER	* 24" x 48"	* 110V	--	--	--	--	--	37
38	LIGHT TABLE	* 60" x 60"	* 110V	--	--	--	--	* FIT THRU 3 FT DOOR	38
39	COMPUTER SCANNER	* 24" x 60"	* 110V	--	--	--	--	--	39
40	ACID ETCHING VENT	* 12" x 12"	* 110V	--	--	* EXHAUST FAN	--	* THRU EXTERIOR WALL	40
--	--	--	--	--	--	--	--	--	--
--	--	--	--	--	--	--	--	--	--

* VERIFY IN FIELD
NOTE:
ALL EQUIPMENT AND FURNITURE TO BE MOVED/RELOCATED BY OWNER
FROM ROOM 101. GENERAL CONTRACTOR TO COORDINATE.



ROOM #120 REMODEL

KEY PLAN - ART/MUSIC BUILDING
N.T.S.



CONSULTANTS:

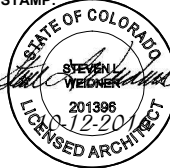


301 N. MAIN ST., SUITE 205 PUEBLO, COLORADO 81003
719-696-8249 (O)

Colorado State University -Pueblo
Art/Music Building Room #120 Remodel
Project #16012

2200 Bonforte Boulevard
Pueblo, Colorado 81001-4901

STAMP:



ISSUE RECORD:

EQUIPMENT REVIEW 3/28-2016
Code Corrections / 100% CD's
10-12-2016

PROJECT NUMBER: 2016-07
DRAWN BY: L. Ramos
REVIEWED BY: S. Wedner

EQUIPMENT
FLOOR PLAN
& SCHEDULE

A2

DRAWING LIMITS: 36x24
DRAWING SIZE: 36x24
PLOT SCALE: 1/1
DRAWING NUMBER: 1100 MP01

LEGEND (NOT ALL ITEMS WILL BE USED)		
ABBR.	SYMBOL	DESCRIPTION
HWS, HWR		HOT WATER SUPPLY AND RETURN PIPING
CHS, CHR		CHILLED WATER SUPPLY AND RETURN PIPING
G		PRESSURE GAS PIPING AND PRESSURE GAS PIPING ON ROOF (DASHED)
SW, CW, NP		SOFT, COLD AND NON-POTABLE WATER PIPING
F		FIRE PROTECTION PIPING
HW, HWC		HOT WATER AND HOT WATER CIRCULATING PIPING
OX, A, VU		MEDICAL OXYGEN, AIR AND VACUUM PIPING
V, FOV		VENT AND FUEL OIL VENT PIPING
SS, GSS		SANITARY SEWER AND GREASE SANITARY SEWER PIPING
SD, OSD		STORM DRAIN AND OVERFLOW STORM DRAIN PIPING
RD, ORD		ROOF DRAIN LEADER, OVERFLOW DRAIN LEADER
FCO, WCO, COTG		FLOOR CLEANOUT, WALL CLEANOUT AND CLEANOUT TO GRADE
		UNION, FLANGE, BLIND FLANGE
		SOV GATE VALVE, BALL VALVE, GLOBE VALVE, BUTTERFLY VALVE
		CHECK VALVE, STRAINER
		PLUG VALVE, CALIBRATED AND DYNAMIC BALANCING VALVES
		LUBRICATED PLUG VALVE
PRV		PRESSURE REDUCING VALVE
		THREE WAY CONTROL VALVE, SOLENOID AND TWO-WAY / MOTORIZED CONTROL VALVE
RFBP		REDUCED PRESSURE BACKFLOW PREVENTER
		ANGLE, RELIEF VALVE, GAUGE AND COCK, THERMOMETER
		TEST PLUG
AAV / MAV, HEV		HOSE END DRAIN VALVE, AUTOMATIC AIR / MANUAL AIR VENT
HB, WH		HOSEBIBB, FROSTPROOF WALL HYDRANT, DOWN SPOUT NOZZLE
		PIPE ELBOW DOWN, PIPE TEE DOWN, PIPE TEE UP, PIPE ELBOW UP
		SQUARE DUCT ELBOW WITH TURNING VANES
		DUCT DOWN AND BACK UP UNDER OBSTACLE
		SUPPLY AIR, RETURN/OUTSIDE AIR AND EXHAUST AIR
		DUCTWORK UNLINED AND DUCTWORK LINED
		FLEXIBLE AND RIGID ROUND DUCT
		PIPING TO BE REMOVED
		DUCTWORK TO BE REMOVED
		FIRE, SMOKE, COMBINATION FIRE AND SMOKE, RADIATION SMOKE AND RADIATION DAMPERS
		BAROMETRIC, MOTORIZED AND MANUAL DAMPERS, SMOKE DETECTOR
T, H, TT, CO, C2		THERMOSTAT, HUMIDISTAT, TEMPERATURE TRANSMITTER, CARBON MONOXIDE OR CARBON DIOXIDE SENSOR
		SUPPLY AIR, RETURN AIR/EXHAUST AIR/OUTSIDE AIR FLOW ARROWS
VTR		VENT THRU ROOF
IE		INVERT ELEVATION
E, R, N		EXISTING, RELOCATED AND NEW
		WORK NOTE 1, REVISION NO. 1, DEMOLITION NOTE 1, POINT OF CONNECTION
		SECTION A ON SHEET M-1 DIAGRAM 1 ON SHEET M-1 RISER R-1 ON SHEET M-1
		FIXTURE/EQUIPMENT TYPE
		FIXTURE/EQUIPMENT NUMBER
		FIXTURE OR EQUIPMENT TAG

PLUMBING FIXTURE SCHEDULE	
NOTES: 1) EXISTING FIXTURE, VERIFY CONNECTION SIZES. 2) USE EXISTING FAUCETS. 3) INSTALL NEW TRAPS.	
TAG	FIXTURE DESCRIPTION
SK-1	GRAINING SINK. NOTES 1, 2, 3.
SK-2	PLATE WASHER SINK. NOTES 1, 2, 3.
SK-3	HAND SINK. NOTES 1, 2, 3.
SK-4	SINGLE COMPARTMENT SINK. NOTES 1, 2, 3.

DRAWING INDEX		REVISIONS									
		● ISSUED FOR CONSTRUCTION ○ ISSUED FOR REFERENCE ONLY, NOT FOR CONSTRUCTION									
NUMBER	DRAWING TITLE	CONSTRUCTION	Code	Corr/100% CD	10/12/16	1	2	3	4	5	
MP01	DRAWING INDEX, GENERAL NOTES, LEGENDS AND SCHEDULES	●	●								
MP11	FLOOR PLAN - HVAC and PLUMBING DEMO	●	●								
MP21	FLOOR PLAN - HVAC	●	●								
MP22	FLOOR PLANS - WASTE/VENT AND WATER	●	●								

GENERAL NOTES - PLUMBING and HVAC	
1. COORDINATE THE INSTALLATION OF PLUMBING SYSTEMS WITH OTHER TRADES. OFFSET PIPING AS NECESSARY TO AVOID CONFLICTS WITH OTHER WORK AND STRUCTURAL ABOVE CEILING AND/OR BELOW FLOOR.	
2. VERIFY EXACT LOCATION, SIZE AND INVERT ELEVATION OF ALL EXISTING UTILITIES AT SITE PRIOR TO INSTALLATION OF ANY PIPING SYSTEMS.	
3. RESOLVE ALL QUESTIONS OR CONFLICTS WITH THE ENGINEER BEFORE ANY EQUIPMENT IS ORDERED, MATERIALS FABRICATED OR SYSTEMS INSTALLED.	
4. REFER TO THE ARCHITECTURAL DRAWINGS FOR THE EXACT LOCATION OF THE PLUMBING FIXTURES AND ROOF DRAINS.	
5. SEAL ROOF PENETRATIONS WATERTIGHT WITH ROOF SYSTEM COMPATIBLE WITH ROOFING.	
6. INSULATE ALL DOMESTIC WATER PIPING AND ROOF DRAIN PIPING PER INSULATION SCHEDULES SHOWN IN PROJECT SPECIFICATIONS.	
7. WASTE AND VENT PIPING SHALL BE SERVICE WEIGHT CAST IRON WITH NO-HUB FITTINGS OR APPROVED PVC WASTE AND VENT PIPE. SLOPE ALL WASTE PIPING AT 1/4" PER FOOT MINIMUM UNLESS OTHERWISE NOTED.	
8. MAINTAIN THE UNIFORM SLOPE SHOWN ON THE PLANS FOR THE SANITARY SEWER, STORM DRAIN AND CONDENSATE DRAIN PIPING SYSTEMS.	
9. ALL SANITARY AND EXHAUST VENTS SHALL BE LOCATED MINIMUM 10'-0" FROM BUILDING OUTSIDE AIR INTAKES.	
10. ALL EXHAUST DUCTS SHALL BE GALVANIZED SHEET METAL WITHOUT DUCT LINER.	
11. COORDINATE AND VERIFY THAT ALL OPENINGS IN WALLS ABOVE CEILING / DOOR LOUVERS / DOOR UNDERCUTS ARE PROVIDED AS INDICATED ON THESE DRAWINGS.	
12. PLUMBING AND HVAC SYSTEMS SHALL BE INSTALLED PER 2015 UPC AND 2015 IMC AND IBC. MUST ALSO COMPLY WITH PUEBLO REGIONAL BUILDING DEPARTMENT ADDENDUMS.	
13. ALL GENERAL EXHAUST DUCTWORK SHALL BE GALVANIZED SHEET METAL WITH NO DUCT LINER EXCEPT WHERE INDICATED ON DRAWINGS.	

EXHAUST FAN SCHEDULE											
NOTES: 1) INTEGRAL BACK DRAFT DAMPER. 2) ACTIVATED BY DESIGNATED WALL SWITCH. 3) ATTACHED TO HOOD.											
TAG	MANUFACTURER	MODEL	AIR QTY CFM	ESP "WC	TYPE	MOUNT	DRIVE	MOTOR WATTS	VOLTS	WEIGHT LBS	NOTES
EF-01	COOK	GN-340	180	0.3	IN-LINE	CEILING	DIRECT	137	115/1	25	1, 2
EF-02	COOK	GN-340	180	0.3	IN-LINE	CEILING	DIRECT	137	115/1	25	1, 2
EF-03	COOK	GN-340	180	0.3	IN-LINE	CEILING	DIRECT	137	115/1	25	1, 2
EF-04	COOK	GN-340	180	0.3	IN-LINE	CEILING	DIRECT	137	115/1	25	1, 2
EF-05	COOK	GN-640	350	0.4	IN-LINE	CEILING	DIRECT	350	115/1	35	1, 2, 3

DIFFUSER, GRILLE AND REGISTER SCHEDULE				
NOTES: 1) STANDARD FACTORY WHITE FINISH. 2) SEE DRAWINGS FOR NECK SIZE AND AIR QUANTITY.				
TAG	MANUF.	MODEL	DESCRIPTION	NOTES
A	TITUS	350ZR	EXHAUST GRILLE, 3/4" SPACING, 0" DEFLECTION, STEEL CONSTRUCTION, DUCT MOUNT	1, 2
B	TITUS	T1006	DOOR LOUVER, SIGHT PROOF, 1/2" SPACING, STEEL CONSTRUCTION, DOOR MOUNT	1, 2

CONSULTANTS:

AE Associates, Inc.
Mechanical Engineers
308 West Filmore Street
Suite 200
Colorado Springs, CO 80907
(719) 262-9430
FAX (719) 262-9614

WEIDNER & ASSOCIATES, LLC
ARCHITECTURE

301 N. MAIN ST., SUITE 205 PUEBLO, COLORADO 81003
719-696-8249 (O)

Colorado State University - Pueblo
Art/Music Building Room #120 Remodel
Project # 16012

2200 Bonforte Boulevard
Pueblo, Colorado 81001-4901

STAMP:

ISSUE RECORD:

CONSTRUCTION	05-25-16
Code Corrections	100% CD's
	10-12-16

PROJECT NUMBER:

2016-07

DRAWN BY:

GAZ

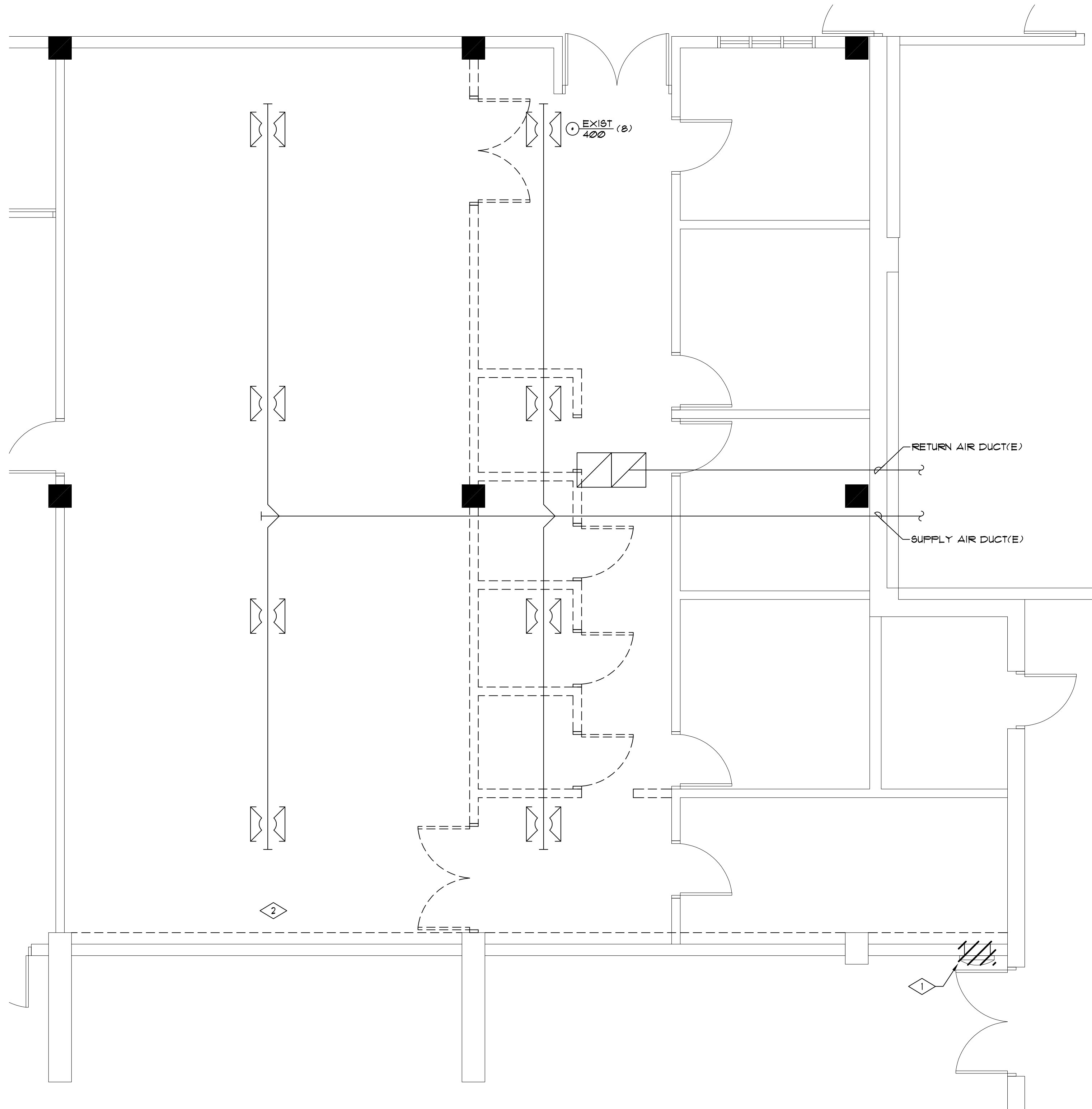
REVIEWED BY:

RDL

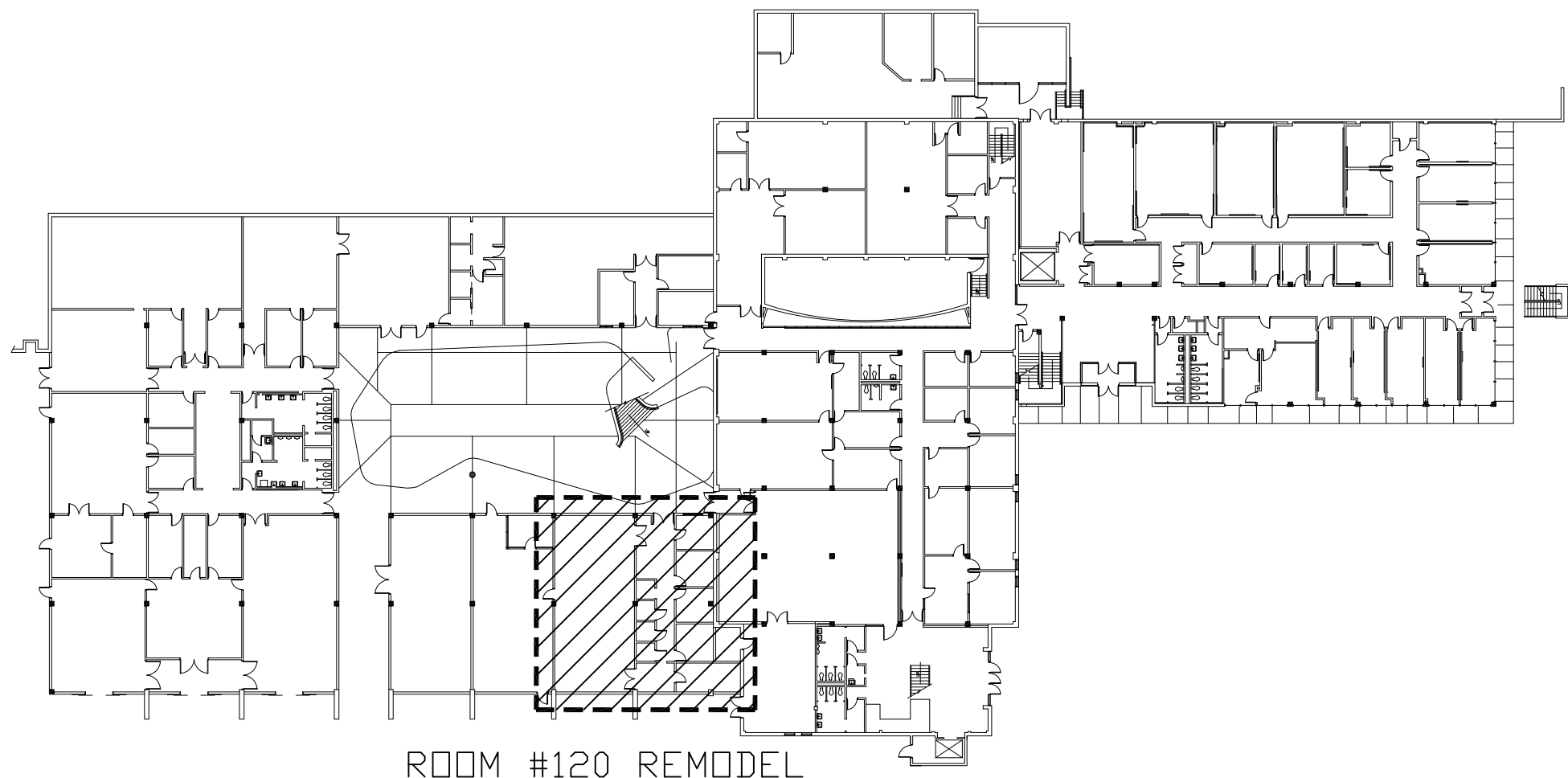
Dwg Index,
Gen. Notes,
Legends &
Diagrams

MP0.1

DRAWING LIMITS: 36x24
DRAWING SIZE: 36x24
PLOT SCALE: 1/4" = 1'-0"
DRAWING NO: 16/1120 MP11



FLOOR PLAN - HVAC DEMO
SCALE: 1/4" = 1'-0"



KEY PLAN
SCALE: NONE

- DEMO NOTES** (THIS SHEET ONLY)
- 1 DEMO EXISTING SIDE WALL EXHAUST FAN.
 - 2 RELOCATE EXISTING PLUMBING FIXTURES ACCORDING TO MP2.1.

CONSULTANTS:

AE Associates, Inc.
Mechanical Engineers
308 West Filmore Street
Suite 200
Colorado Springs, CO 80907
(719) 262-9430
FAX (719) 262-9614

WEIDNER & ASSOCIATES, LLC
ARCHITECTURE

301 N. MAIN ST., SUITE 205 PUEBLO, COLORADO 81003
719-696-8249 (O)
719-696-8249 (F)

Colorado State University - Pueblo
Art/Music Building Room #120 Remodel
Project # 16012
2200 Bonforte Boulevard
Pueblo, Colorado 81001-4901

STAMP:

COLORADO REGISTERED
ROGER D. LEWIS
32686
10/12/2016
MECHANICAL ENGINEER

ISSUE RECORD:

CONSTRUCTION	05-25-16
Code Corrections / 100% CD's	10-12-16

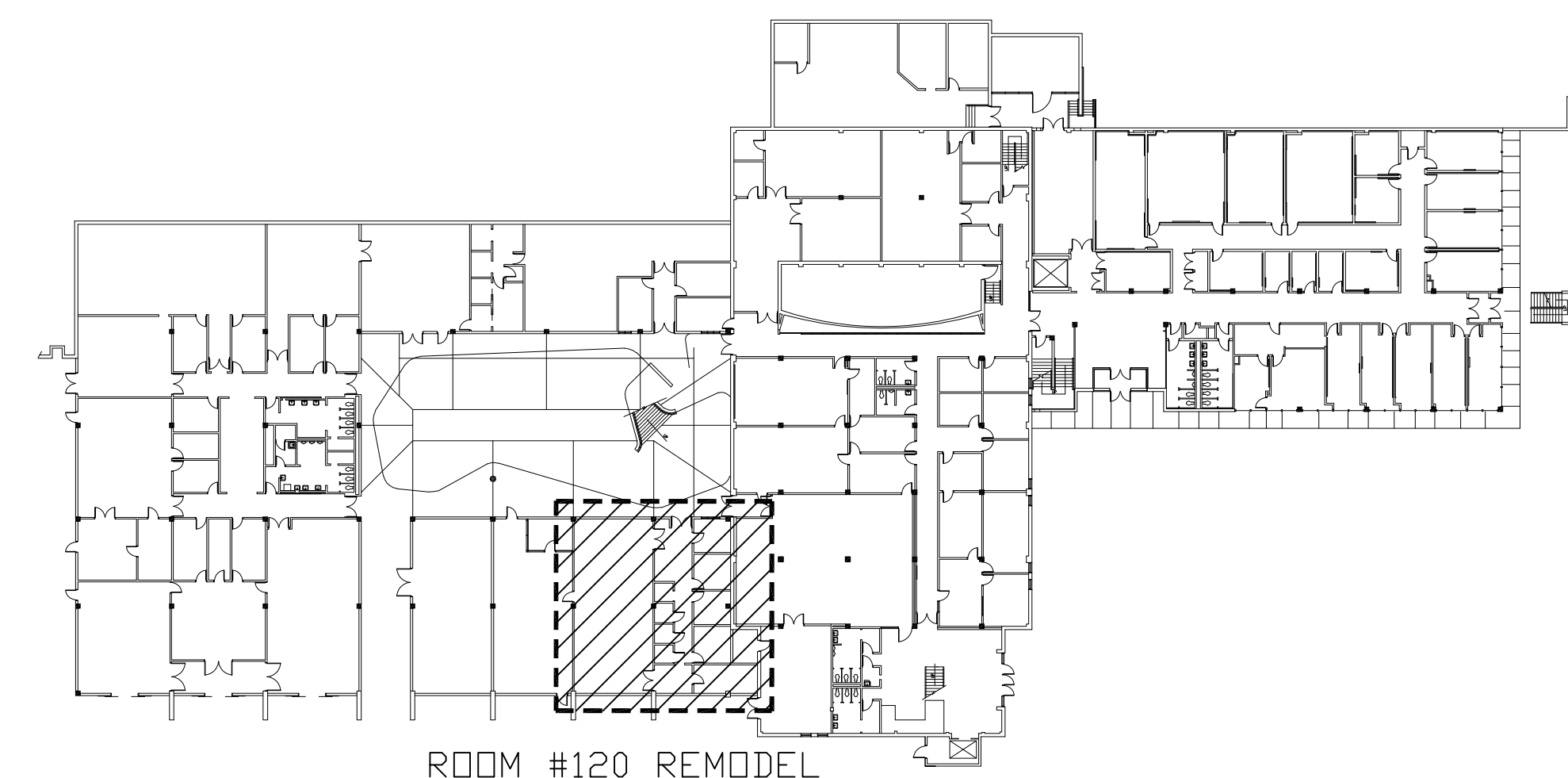
PROJECT NUMBER: 2016-07
DRAWN BY: GAZ
REVIEWED BY: RDL

Floor Plan -
HVAC and
Plumbing -
Demo

MP1.1

FLOOR PLAN - HVAC

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



KEY PLAN

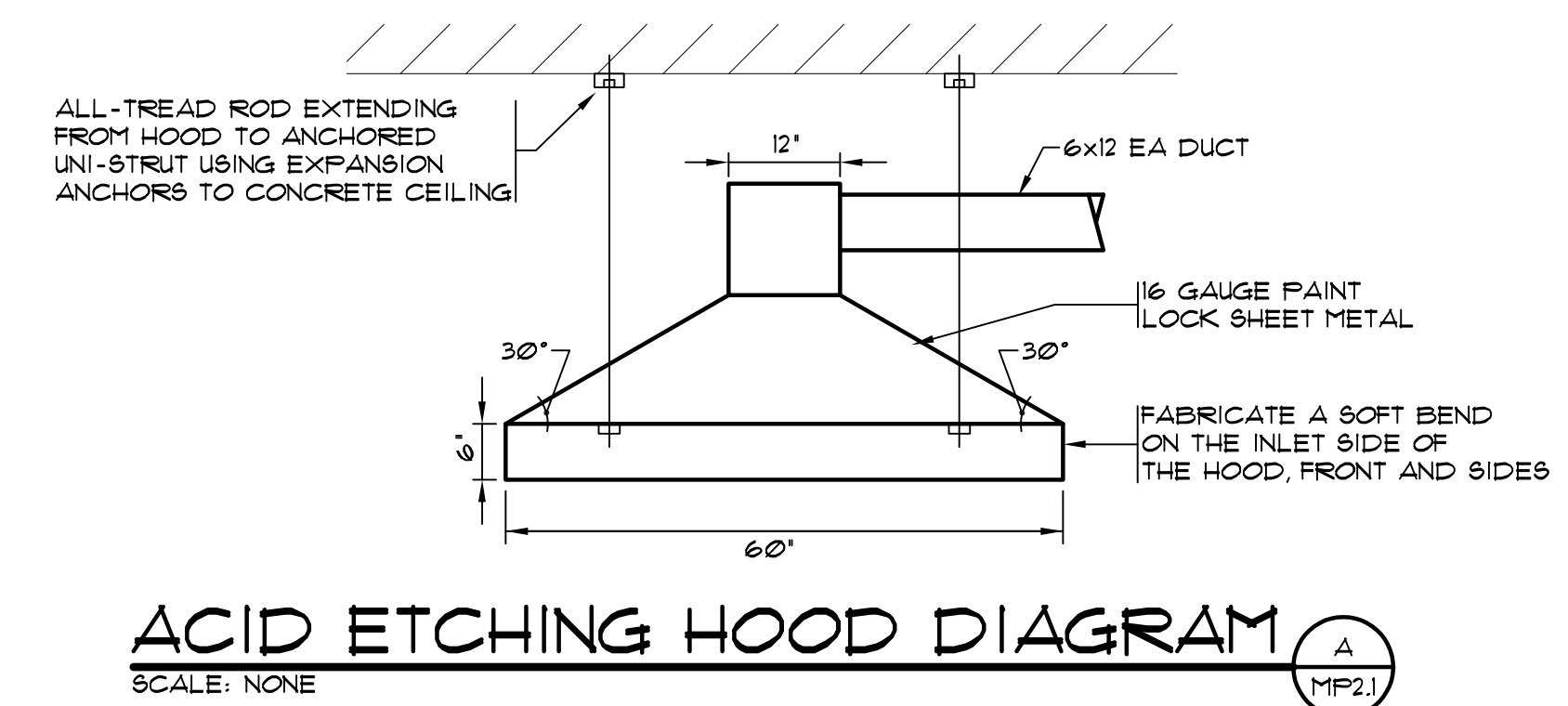
SCALE: NONE

GENERAL NOTES

- AHU SERVING THIS AREA WILL BRING IN UP TO 20% OA DURING OCCUPIED HOURS. WITH 8 DIFFUSERS AT 400 CFM, THIS WILL PROVIDE 640 CFM OF MAKE-UP AIR. THIS WILL SUFFICE FOR ALL EXHAUST FANS IN THE MAIN AREA.
- THE ACID ETCHING HOOD FAN WILL NEVER RUN IF TWO OR MORE EXHAUST FANS ARE RUNNING. THIS WILL BE CONTROLLED BY THE INSTRUCTOR.
- EXHAUST FANS AND ACID ETCHING EXHAUST FAN ARE USED PERIODICALLY, GENERALLY FOR 5-10 MINUTE INTERVALS.

WORK NOTES (THIS SHEET ONLY)

1. HANG EXHAUST FAN AS HIGH AS POSSIBLE FROM CEILING STRUCTURE. DROP 8x8 EA DUCT FROM BOTTOM OF EXHAUST FAN TO APPROXIMATELY 48" ABOVE TOP OF TABLE. THIS HEIGHT MAY VARY DEPENDING ON OWNER REQUIREMENTS. ANCHOR DUCTWORK TO CEILING STRUCTURE. ATTACH EXHAUST GRILLE TO BOTTOM OPENING OF EA DUCT. AVOID CONFLICT WITH EXISTING LIGHTING.
2. HANG EXHAUST FAN FROM CEILING STRUCTURE. ATTACH 5x3" FABRICATED HOOD TO THE EXHAUST FAN. SUPPORT HOOD FROM THE CEILING STRUCTURE. THE SUGGESTED HEIGHT IS FOR THE BOTTOM OF THE HOOD TO BE 48" FROM THE TOP OF THE TABLE. THIS MAY ALSO VARY. ACCORDING TO THE OWNER. THE BOTTOM COLLAR SHOULD BE ATTACHED TO THE BACK WALL.
3. TERMINATE WITH WALL CAP.
4. UTILIZE EXISTING WALL OPENING TO LOCATE NEW WEATHER PROOF LOUVER. TRANSITION EA DUCT TO MATCH LOUVER.



ACID ETCHING HOOD DIAGRAM

STAMP:



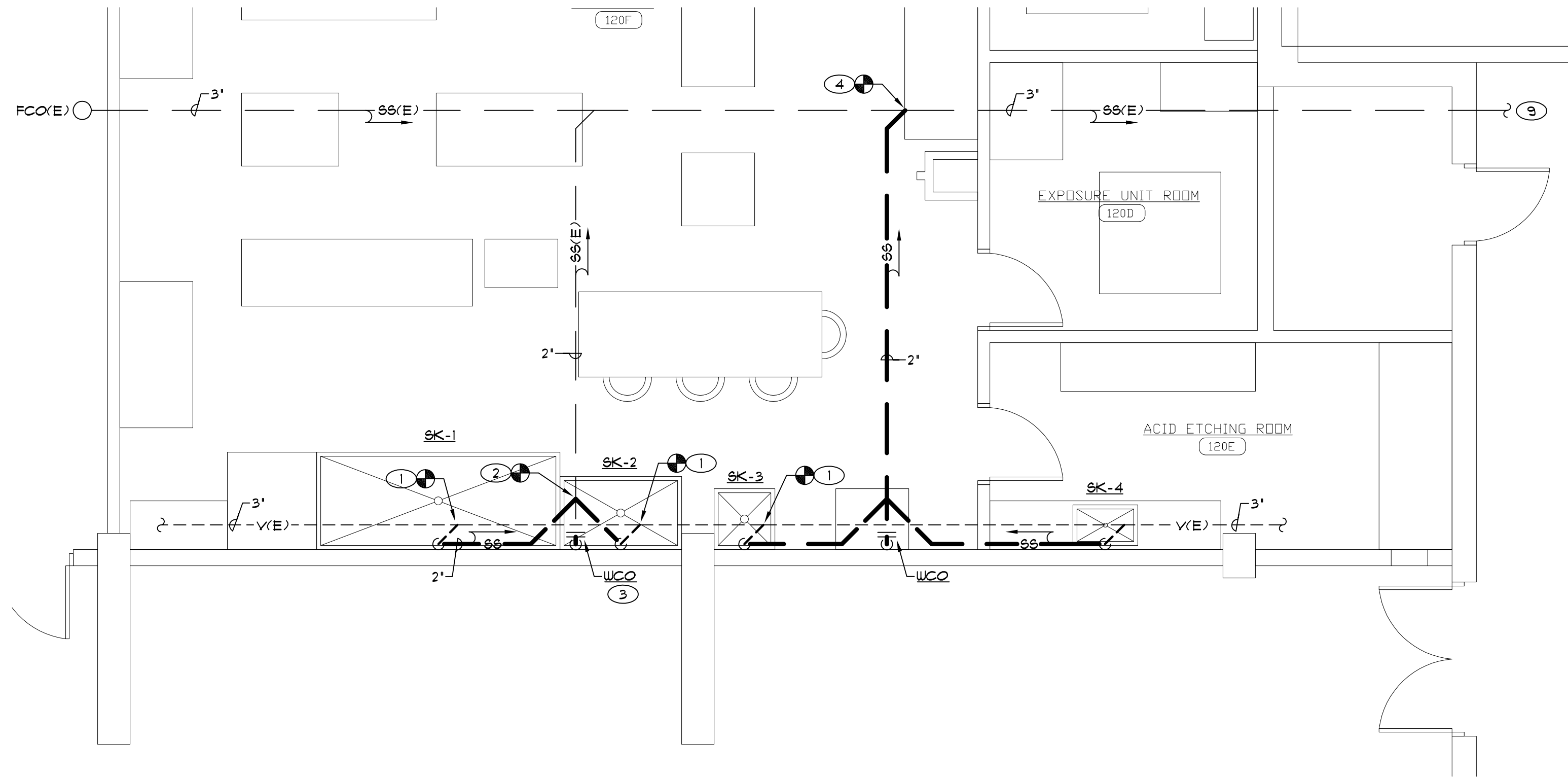
ISSUE RECORD:

CONSTRUCTION	05-25-16
Code Corrections / 100% CD's	10-12-16

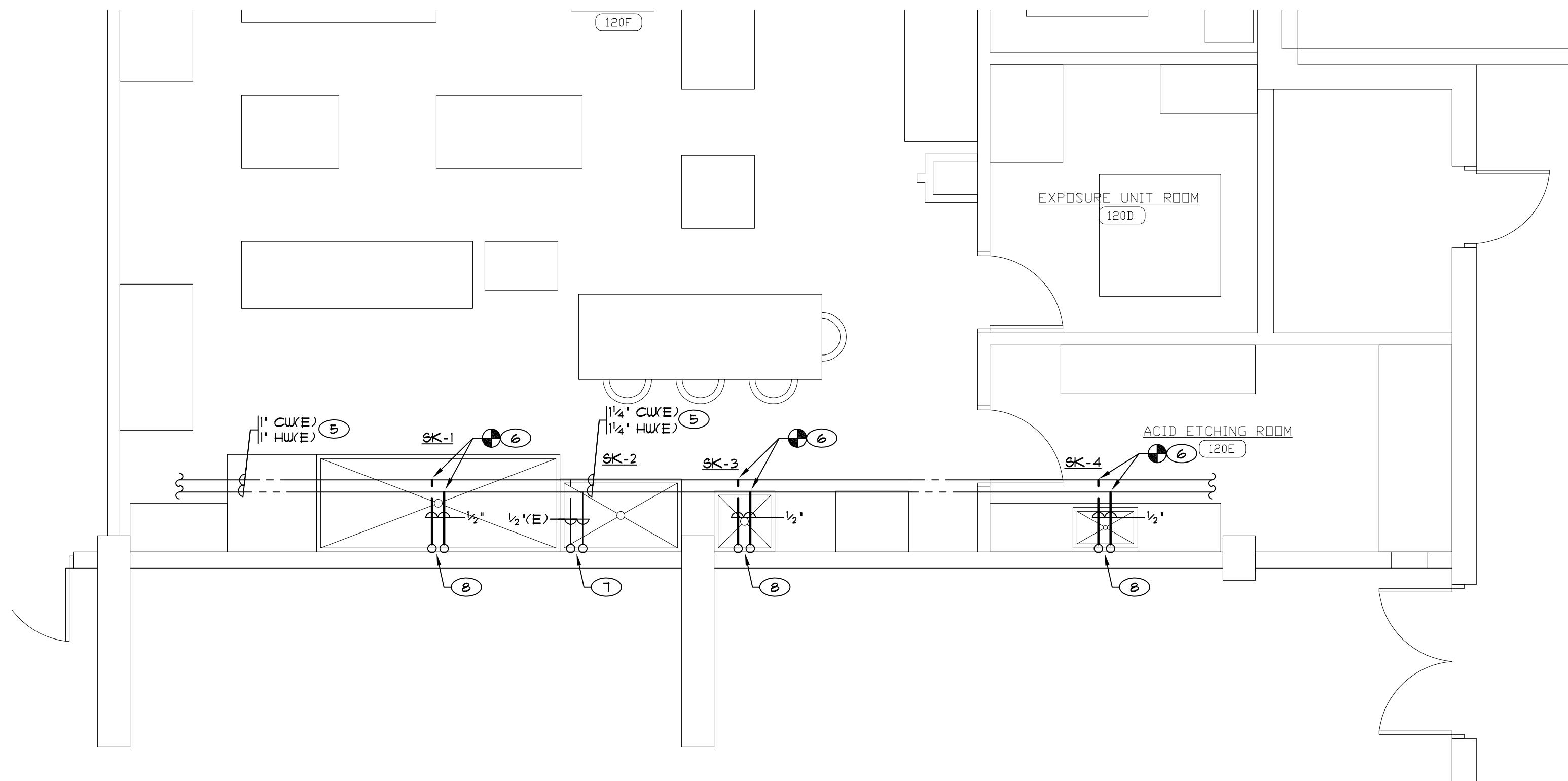
PROJECT NUMBER: 2016-07
DRAWN BY: GAZ
REVIEWED BY: RDL

Floor Plan - HVAC and Plumbing

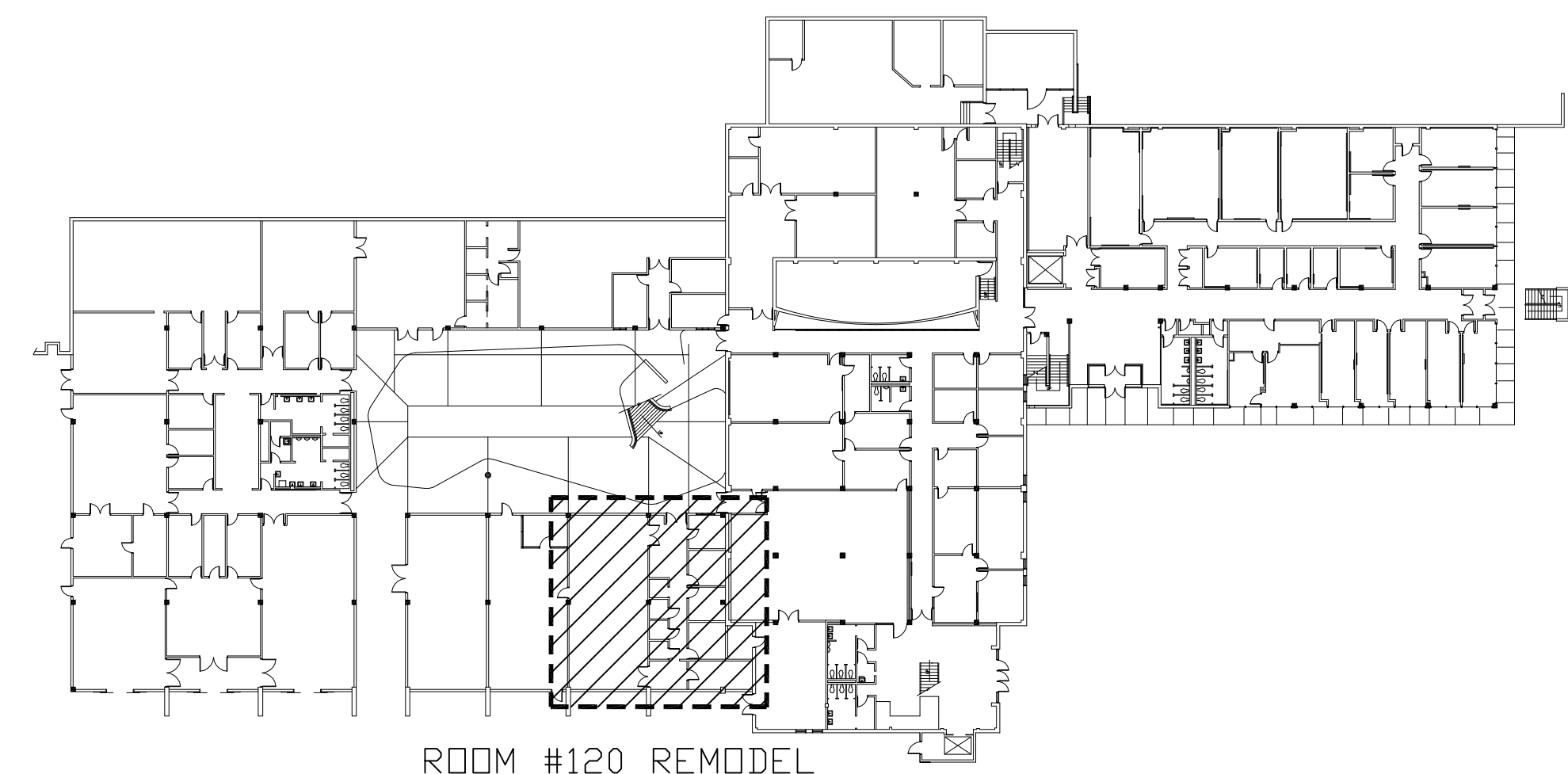
MP2.1



FLOOR PLAN - WASTE/VENT
SCALE: 1/4" = 1'-0"



FLOOR PLAN - WATER
SCALE: 1/4" = 1'-0"



KEY PLAN
SCALE: NONE

GENERAL NOTES

- ALL SOURCES OF CONTAMINATION OR CROSS CONNECTIONS NEED TO BE PROTECTED.
- THREADED HOSE CONNECTIONS ARE NOT ALLOWED.

WORK NOTES (THIS SHEET ONLY)

- CONNECT 1 1/2" VENT LINE FROM RELOCATED FIXTURE TO EXISTING 3" VENT LINE.
- CONNECT 2" SS LINE FROM RELOCATED FIXTURES TO EXISTING 2" SS LINE.
- INSTALL WCO ON EXISTING 2" SS LINE.
- CONNECT 2" SS LINE TO EXISTING 3" SS LINE.
- DOMESTIC WATER LINES RUN UNDER THE FLOOR. VERIFY LOCATION.
- CONNECT 1/2" CW AND HW LINES TO EXISTING CW AND HW LINES.
- CONNECT EXISTING CW AND HW LINES TO 9K-2 (RELOCATED).
- CONNECT 1/2" CW AND HW LINES TO RELOCATED FIXTURES.
- RUNS TO AN EXISTING ACID WASTE NEUTRALIZATION SYSTEM.

CONSULTANTS:

AE Associates, Inc.
Mechanical Engineers
308 West Filmore Street
Suite 200
Colorado Springs, CO 80907
(719) 262-9430
FAX (719) 262-9614

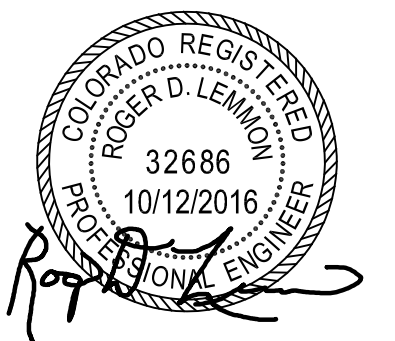
WEIDNER & ASSOCIATES, LLC
ARCHITECTURE

301 N. MAIN ST., SUITE 205 PUEBLO, COLORADO 81003
719-696-8249 (O)

Colorado State University - Pueblo
Art/Music Building Room #120 Remodel
Project #16012

2200 Bonforte Boulevard
Pueblo, Colorado 81001-4901

STAMP:



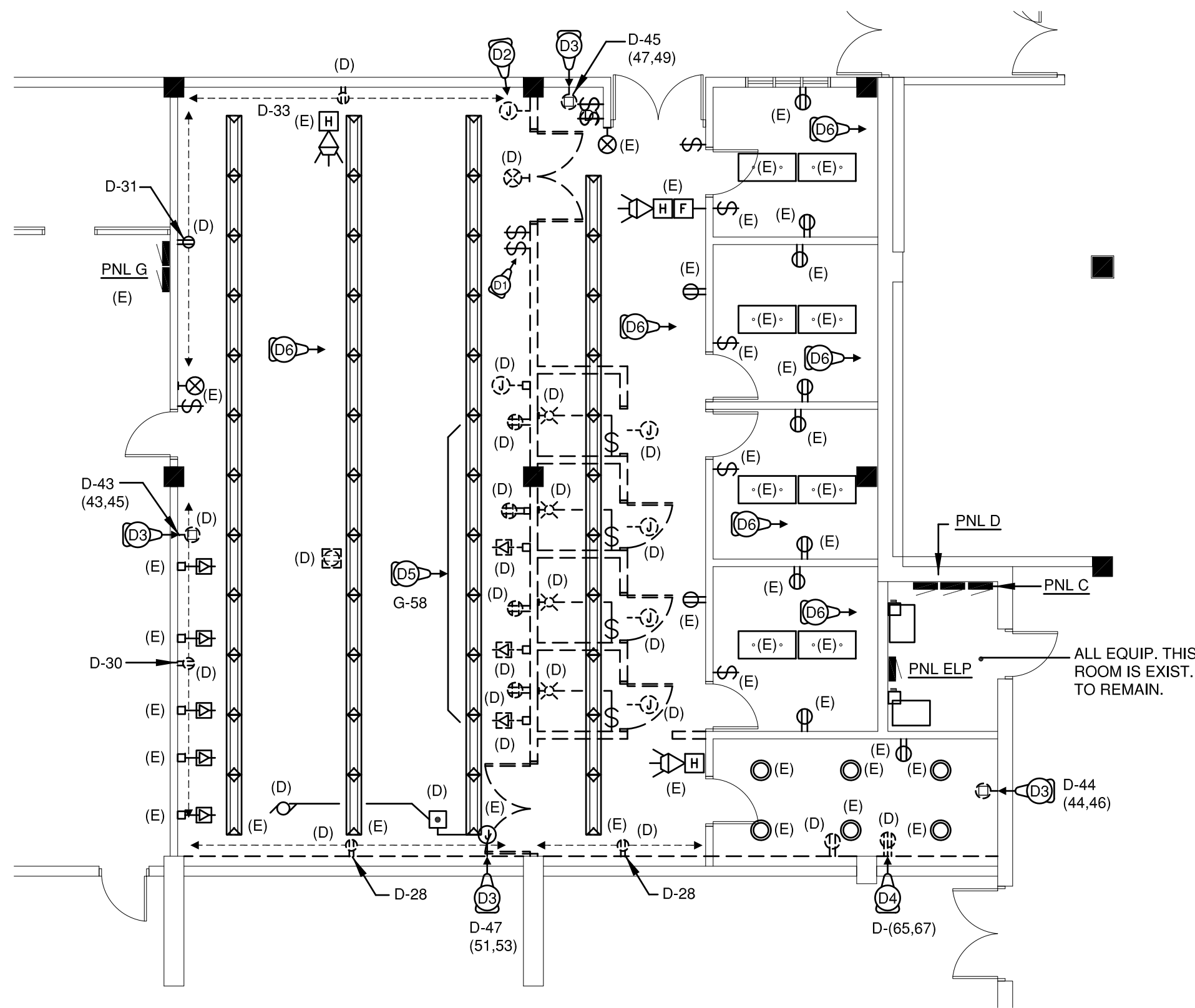
ISSUE RECORD:

CONSTRUCTION	05-25-16
Code Corrections	100% CD's
	10-12-16

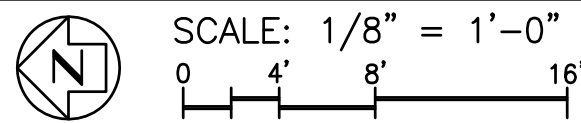
PROJECT NUMBER:	2016-07
DRAWN BY:	GAZ
REVIEWED BY:	RDL

Floor Plans -
Waste/Vent and
Water

MP2.2



ELECTRICAL DEMOLITION PLAN



DEMOLITION GENERAL NOTES:

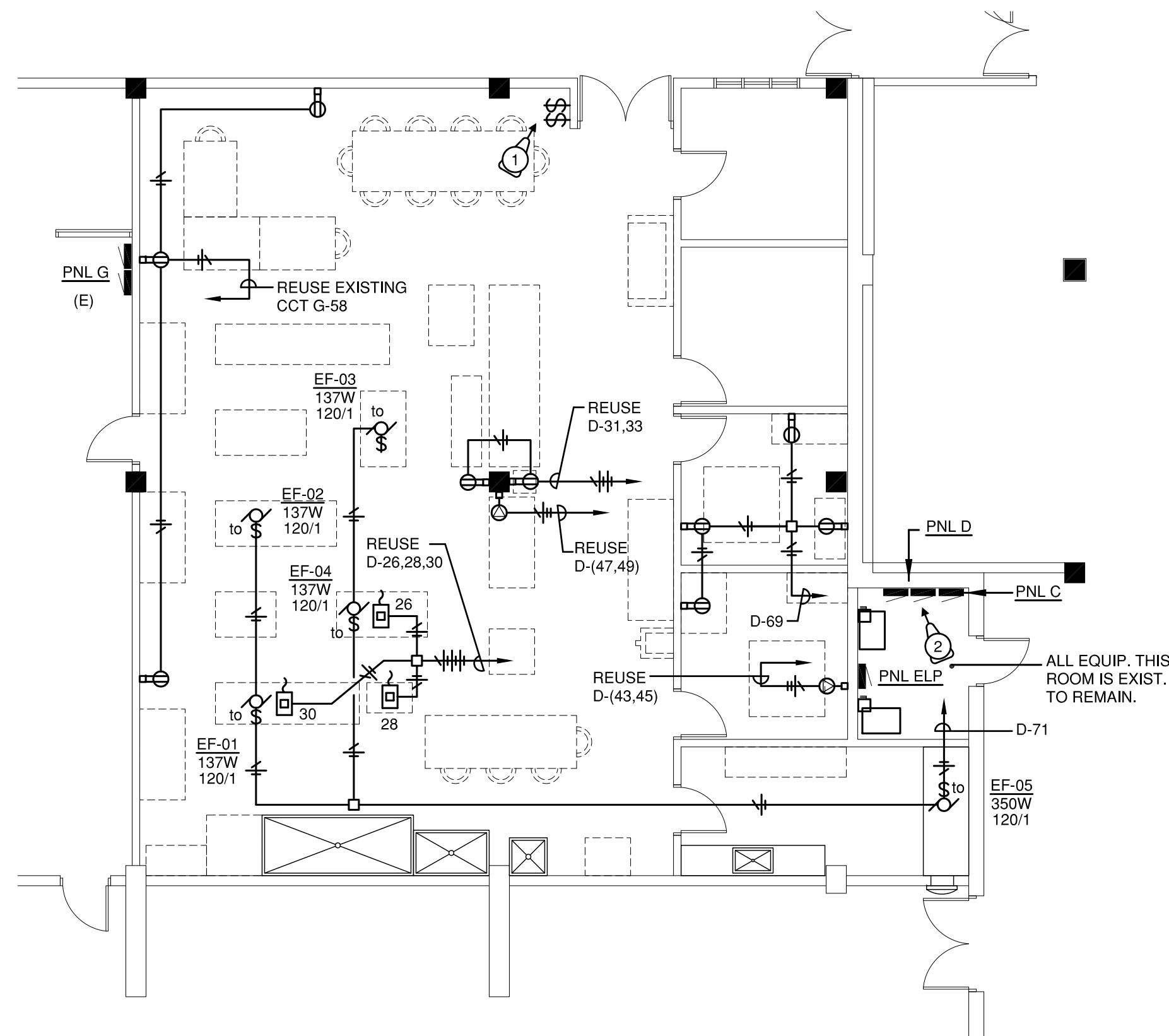
- IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO FAMILIARIZE THEMSELVES WITH THE LAYOUT OF THE FACILITY PRIOR TO DEMOLITION.
- THE CONTRACTOR HAS FIRST RIGHT OF SALVAGE OF ALL EQUIPMENT REMOVED. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO HAUL AWAY AND DISPOSE OF ALL UNCLAIMED MATERIALS.
- CONTRACTOR IS TO COORDINATE WITH THE G.C., ARCHITECT AND OWNER FOR ANY/ALL SCHEDULED OUTAGES.
- LOCATIONS OF DEVICES AND EQUIPMENT INDICATED HAVE BEEN VERIFIED BY THE ENGINEER. HOWEVER, ALL DEVICES MAY NOT BE INDICATED.
- ALL DEVICES SHOWN AS (D) ARE SCHEDULED FOR DEMOLITION. REMOVE ALL DEVICES, SWITCHES, LIGHT FIXTURES, FIRE ALARM DEVICES, INFORMATION TECHNOLOGY DEVICES, AND BRANCH CIRCUITS BACK TO PANEL.
- ANY FLUORESCENT LAMPS REMOVED SHALL BE CONSIDERED AS HAZARDOUS MATERIAL AND DISPOSED OF ACCORDINGLY.
- COORDINATE WITH THE G.C. TO PATCH, REPAIR OR COVER ALL UNUSED OPENINGS THAT REMAIN AFTER NEW CONSTRUCTION.
- COORDINATE WITH THE G.C., AS REQUIRED, FOR CUTTING AND PATCHING OF EXISTING WALLS.

DEMOLITION ABBREVIATIONS:

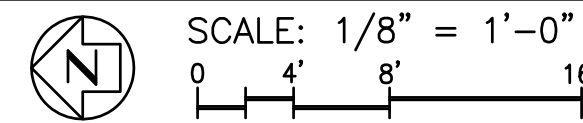
- (E) = DEVICE OR LIGHT FIXTURE SCHEDULED TO REMAIN IN SERVICE. MAINTAIN CIRCUIT CONTINUITY TO SUCH.
- (D) = DEVICE OR LIGHT FIXTURE SCHEDULED FOR DEMOLITION. REMOVE ALL UNUSED WIRING BACK TO SERVING PANEL OR CLOSEST ACTIVE OUTLET.
- (R) = DEVICE OR LIGHT FIXTURE SCHEDULED TO BE REPLACED. MAINTAIN CIRCUIT CONTINUITY TO LOCATION. RE: NEW WORK PLAN FOR NEW DEVICE/LIGHT FIXTURE.

DEMOLITION FLAG NOTES:

- ① → RELOCATE SWITCHES TO NEW LOCATION SHOWN ON NEW WORK PLAN.
- ② → REWORK FIRE ALARM CONDUIT AS REQUIRED TO ACCOMMODATE FOR REMOVAL OF WALL.
- ③ → REMOVE EXISTING 208V RECEPTACLE AND WIRING BACK TO PANEL D. CIRCUITS TO BE REUSED AS SHOWN ON NEW WORK PLAN.
- ④ → REMOVE EXISTING FEED FOR OLD KILN BACK TO PANEL D.
- ⑤ → DEVICES THIS WALL FED FROM PANEL G - CIRCUIT 58.
- ⑥ → ALL LIGHT FIXTURES THIS AREA TO REMAIN AS IS - REPLACE T8 LAMP BULBS AS REQUIRED.



ELECTRICAL NEW WORK PLAN



NEW WORK - GENERAL NOTES:

- EXISTING IT DEVICES, FIRE ALARM DEVICES, EXIT SIGNS, SWITCHES AND LIGHT FIXTURES SCHEDULED TO REMAIN ARE NOT SHOWN ON THIS PLAN FOR CLARITY.
- CONFIRM 220V OUTLET CONFIGURATION WITH OWNER PRIOR TO INSTALLATION.
- LOAD REMOVED ON PANEL G:

(4) DOUBLE DUPLEX REC: 1440Va

LOAD ADDED ON PANEL G:

RECEPTACLES: 540Va

LOAD REDUCED BY: 900Va

LOAD REMOVED ON PANEL D:

90 FEET OF PLUMBOLD: 3240Va

(4) 208V RECEPTACLES: 13320Va

(1) KILN OUTLET 8000Va

(2) RECEPTACLES: 360Va

(4) INCANDESCENT KEYLESS: 400Va

LOAD ADDED ON PANEL D:

(2) 20A-220V OUTLETS: 6660Va

(5) 20A - SPECIAL USE: 3600Va

(4) 20A - GENERAL USE: 720Va

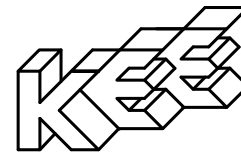
(5) Ex Fan 888Va

LOAD REDUCED BY: 13442Va

NEW WORK - FLAG NOTES:

- ① → NEW LOCATION OF SWITCH. REWORK CIRCUIT AS REQUIRED.
- ② → PROVIDE (2) NEW 20/1 BREAKERS AT POSITIONS 69 & 71. EXISTING PANEL IS A SQUARE D 'NA1B' PANEL BOARD.

CONSULTANTS:



KOHNERT ELECTRICAL
ENGINEER'S, INC.

911 South 8Th Street
Colorado Springs Co 80905
Phone (719) 633-2637
Fax: (719) 633-3465
email@kohnertee.com



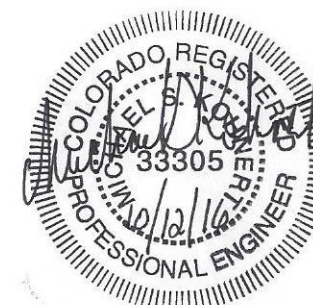
301 N. MAIN ST., SUITE 305 PUEBLO, COLORADO 81003
719-696-8249 (O)

Colorado State University -Pueblo
Art/Music Building Room #120 Remodel

Project #16012

2200 Bonforte Boulevard
Pueblo, Colorado 81001-4901

STAMP:



ISSUE RECORD:

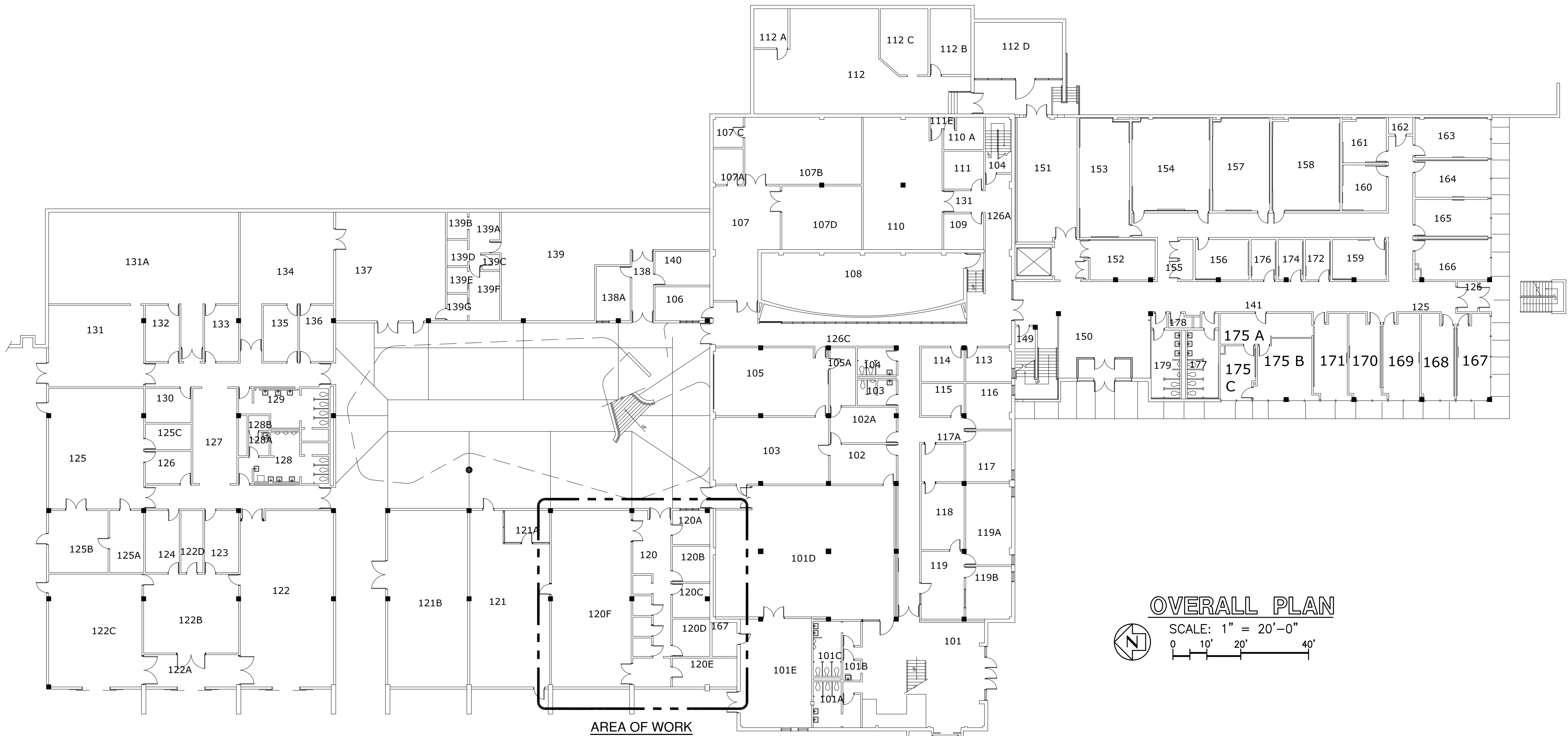
REVIEW	5-9-2016
Code Corrections	100% CD's
	10-12-2016

PROJECT NUMBER:	2016-07
DRAWN BY:	MSK
REVIEWED BY:	LMAK

ELECTRICAL
PLANS
& DETAILS

E1.1

Z:\2016\2016.008 2016.008 Elec CD 10-12-16 with Stamp.dwg Oct 12, 2016 - 5:08pm



OVERALL PLAN

SCALE: 1" = 20'-0"
0 10' 20' 40'

DIVISION 16 ELECTRICAL

SECTION 16010 - BASIC REQUIREMENTS

Part 1. General

- A. Provisions of the General Conditions apply to the Electrical Work.
- B. Coordinate work with other trades.
- C. Obtain & pay for required permits; schedule building inspections.
- D. The installation shall conform to the 2014 National Electrical Code.

SECTION 16050 - BASIC MATERIALS & METHODS

Part 1. Conduit

- A. Use EMT throughout.
- B. Flexible conduit limited to 6' length.
- C. Use metal bushings w/insulated throat (OZ type "BLO").

Part 2. Outlets

- A. One piece only, 4"sq min. for wall outlets w/appropriate ring.

Part 3. Wiring, Devices & Plates:

- A. Receptacles - 20A Ivory, Commercial grade or better.

Part 4. Wire

- A. Copper, min. 75 degree C. insulated (THHN, THWN or XHHW).
- B. Branch circuit conductors #12 minimum.

Part 5. Installation

- A. Support conduit from structure, not from ceiling suspension wires. Supports to be maximum of 7' apart.

SECTION 16180 EQUIPMENT WIRING SYSTEMS

Part 1. Mechanical Units

- A. Raintight liquid flexible conduit.

SECTION 16190 SUPPORTING DEVICES

Part 1. Conduits

- A. One or two hole straps or adjustable steel hanger attached to structure.

Part 2. Boxes and Cabinet Supports

- A. Surface mounted cabinets - provide a min. of (4)anchors.

Part 3. Anchors

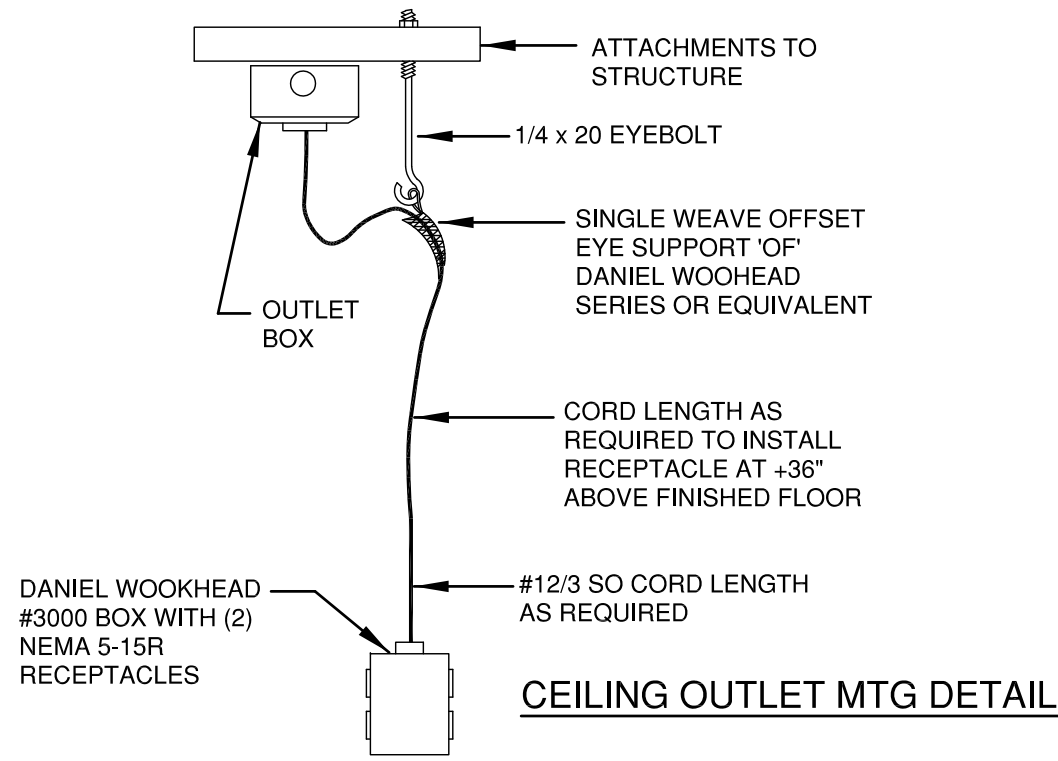
- A. Hollow masonry - Toggle bolts.
- B. Solid masonry - Lead expansion anchors and preset inserts.
- C. Metal surfaces - Machine screws, bolts or welded studs.

SECTION 16195 - ELECTRICAL IDENTIFICATION

PART 1 GENERAL

- A. Directory Cards - Revise existing to accommodate for new work.

POWER & SIGNAL LEGEND	
SYMBOL	DESCRIPTION
	20A, DUPLEX RECEPTACLE NEMA TYPE 5-20R. MOUNT AT +18" UNLESS NOTED OTHERWISE.
	20A, DOUBLE DUPLEX RECEPTACLE MOUNTED UNDER ONE FACEPLATE. MOUNT AT +18" UNLESS NOTED OTHERWISE.
	20A, GROUND FAULT CIRCUIT INTERRUPTER TYPE DUPLEX RECEPTACLE MOUNTED AT +18" A.F.F. UNLESS INDICATED OTHERWISE.
	20A, 'GFCI' RECEPTACLE PROVIDED WITH 'RAINTIGHT WHILE IN-USE' WEATHERPROOF COVER. MOUNT AT +24" UNLESS INDICATED OTHERWISE.
	20A, DUPLEX RECEPTACLE "A" INDICATES MOUNTED ABOVE COUNTER BACKSPASH AND "B.C" INDICATES MOUNTED BELOW COUNTER. CONFIRM HEIGHTS W/CASEWORK DRAWINGS PRIOR TO ROUGH-IN.
	20A, DUPLEX RECEPTACLE WIRED TO A DEDICATED 20A CIRCUIT. MOUNT AT +18" A.F.F. UNLESS NOTED OTHERWISE.
	20A, CEILING DROP CORD RECEPTACLE. RE: DETAIL ON THIS SHEET.
	20A-220V OUTLET FOR EQUIPMENT. NEMA L6-20R GROUND PER NEC.
	JUNCTION BOX.
	FRACTIONAL HORSEPOWER MOTOR CONNECTION. PROVIDE MOTOR RATED SNAP SWITCH WITH THERMAL OVERLOAD. MOUNT AT MOTOR.
	FRACTIONAL HORSEPOWER MOTOR CONNECTION. PROVIDE MOTOR RATED SNAP SWITCH W/O THERMAL OVERLOAD. MOUNT AT MOTOR.
	SURFACE MOUNTED BRANCH CIRCUIT PANEL.
	FLUSH MOUNTED BRANCH CIRCUIT PANEL.
	CONTROL PANEL.
	BRANCH CIRCUIT CONDUIT RUN EXPOSED. PROVIDE (GREEN) EQUIPMENT GROUND IN ALL RUNS. SEPERATE NEUTRALS REQUIRED PER CODE.
	INFORMATION TECHNOLOGY DEVICE
	FIRE ALARM PULLSTATION
	FIRE ALARM HORN-STROBE
	SURFACE MOUNTED DEVICE.



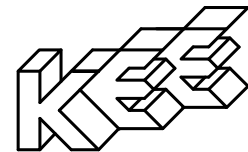
CEILING OUTLET MTG DETAIL

INDEX TO ELECTRICAL DRAWINGS

E0.1 OVERALL PLAN, SMBOL LEGEND AND SPECIFICATIONS

E1.1 ELECTRICAL PLANS AND CALCULATIONS

CONSULTANTS:



KOHNERT ELECTRICAL
ENGINEER'S, INC.

911 South 8Th Street
Colorado Springs Co 80905
Phone (719) 633-2637
Fax: (719) 633-3465
email@kohnertee.com



301 N. MAIN ST., SUITE 305 PUEBLO, COLORADO 81003
719-696-8249 (O)

Colorado State University -Pueblo
Art/Music Building Room #120 Remodel
Project #16012
2200 Bonforte Boulevard
Pueblo, Colorado 81001-4901

STAMP:



ISSUE RECORD:

REVIEW	5-9-2016
Code Corrections	100% CD's
	10-12-2016

PROJECT NUMBER: 2016-07
DRAWN BY: MSK
REVIEWED BY: LMAK

OVERALL
PLAN
& SYMBOL
LEGENDS
E0.1

Z:\2016\2016.008 2016.008 Elec CD 10-12-16 with Stamp.dwg Oct 12, 2016 - 5:08pm