

**AIA**[®]**Document G701[®] – 2017****Change Order**

PROJECT: *(Name and address)*
 Illini Central Addition and Renovation
 208 Northwest Avenue
 Mason City, IL 62664

CONTRACT INFORMATION:
 Contract For: General Construction
 Date: 05.24.2023

CHANGE ORDER INFORMATION:
 Change Order Number: 014
 Date: 03.19.2025

OWNER: *(Name and address)*
 Illini Central Community Unit School
 District #189
 208 Northwest Avenue
 Mason City, IL 62664

ARCHITECT: *(Name and address)*
 PCM+Design Architects
 905 W. Main Street, Suite 300
 Peoria, IL 61606

CONTRACTOR: *(Name and address)*
 Peoria Metro Construction, Inc.
 1925 S. Darst Street
 Peoria, IL 61607

THE CONTRACT IS CHANGED AS FOLLOWS:

(Insert a detailed description of the change and, if applicable, attach or reference specific exhibits. Also include agreed upon adjustments attributable to executed Construction Change Directives.)

RFP 37: Toilets / Ramp - ADD \$216,328

Total ADD: \$216,328

The original Contract Sum was	\$	12,846,000.00
The net change by previously authorized Change Orders	\$	215,762.17
The Contract Sum prior to this Change Order was	\$	13,061,762.17
The Contract Sum will be increased by this Change Order in the amount of	\$	216,328.00
The new Contract Sum including this Change Order will be	\$	13,278,090.17

The Contract Time will be increased by Zero (0) days.
 The new date of Substantial Completion will be

NOTE: This Change Order does not include adjustments to the Contract Sum or Guaranteed Maximum Price, or the Contract Time, that have been authorized by Construction Change Directive until the cost and time have been agreed upon by both the Owner and Contractor, in which case a Change Order is executed to supersede the Construction Change Directive.

NOT VALID UNTIL SIGNED BY THE ARCHITECT, CONTRACTOR AND OWNER.

PCM+Design Architects

ARCHITECT *(Firm name)*

SIGNATURE

Stacy Kidd, Architect

PRINTED NAME AND TITLE

03/19/2025

DATE

Peoria Metro Construction, Inc.

CONTRACTOR *(Firm name)*

SIGNATURE

Courtney Meischner, President

PRINTED NAME AND TITLE

3-21-2025

DATE

Illini Central CUSD #189

OWNER *(Firm name)*

SIGNATURE

Jennifer Durbin, Superintendent

PRINTED NAME AND TITLE

DATE

Description: Restrooms & Ramp (RFP #037)

Change Request #CR 039 Break-Down

[illegible]



AIA[®] Document G709™ – 2018

Proposal Request

PROJECT: *(name and address)*
Illini Central CUSD #189 Addition
and Renovation
208 Northwest Avenue
Mason City, IL 62664

CONTRACT INFORMATION:
Contract For: General Construction

Date: 05.24.2023

Architect's Project Number: 10478
Proposal Request Number: 037

Proposal Request Date: 02.10.2025

OWNER: *(name and address)*
Illini Central Community Unit School
District #189
208 Northwest Avenue
Mason City, IL 62664

ARCHITECT: *(name and address)*
PCM+Design Architects

905 W. Main Street, Suite 300
Peoria, IL 61606

CONTRACTOR: *(name and address)*
Peoria Metro Construction

1925 Darst Street
Peoria, IL 61607

The Owner requests an itemized proposal for changes to the Contract Sum and Contract Time for proposed modifications to the Contract Documents described herein. The Contractor shall submit this proposal within Zero (0) days or notify the Architect in writing of the anticipated date of submission.

(Insert a detailed description of the proposed modifications to the Contract Documents and, if applicable, attach or reference specific exhibits.)

Demo and renovate existing Laundry Room into two single-user toilet rooms and one storage room. All associated MEP and architectural finishes to be included per attached drawings. Asbestos abatement will be done under a separate contract.

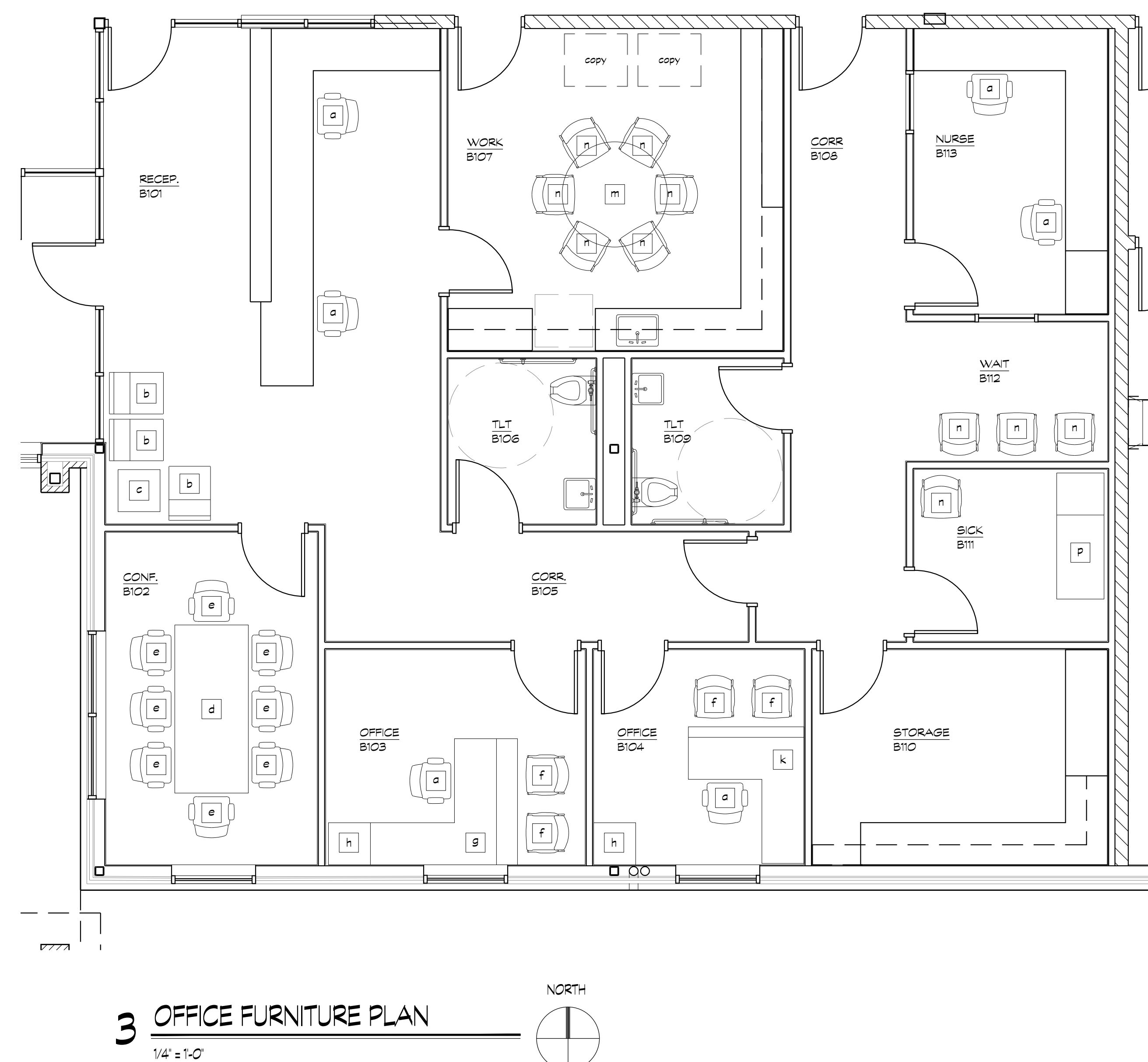
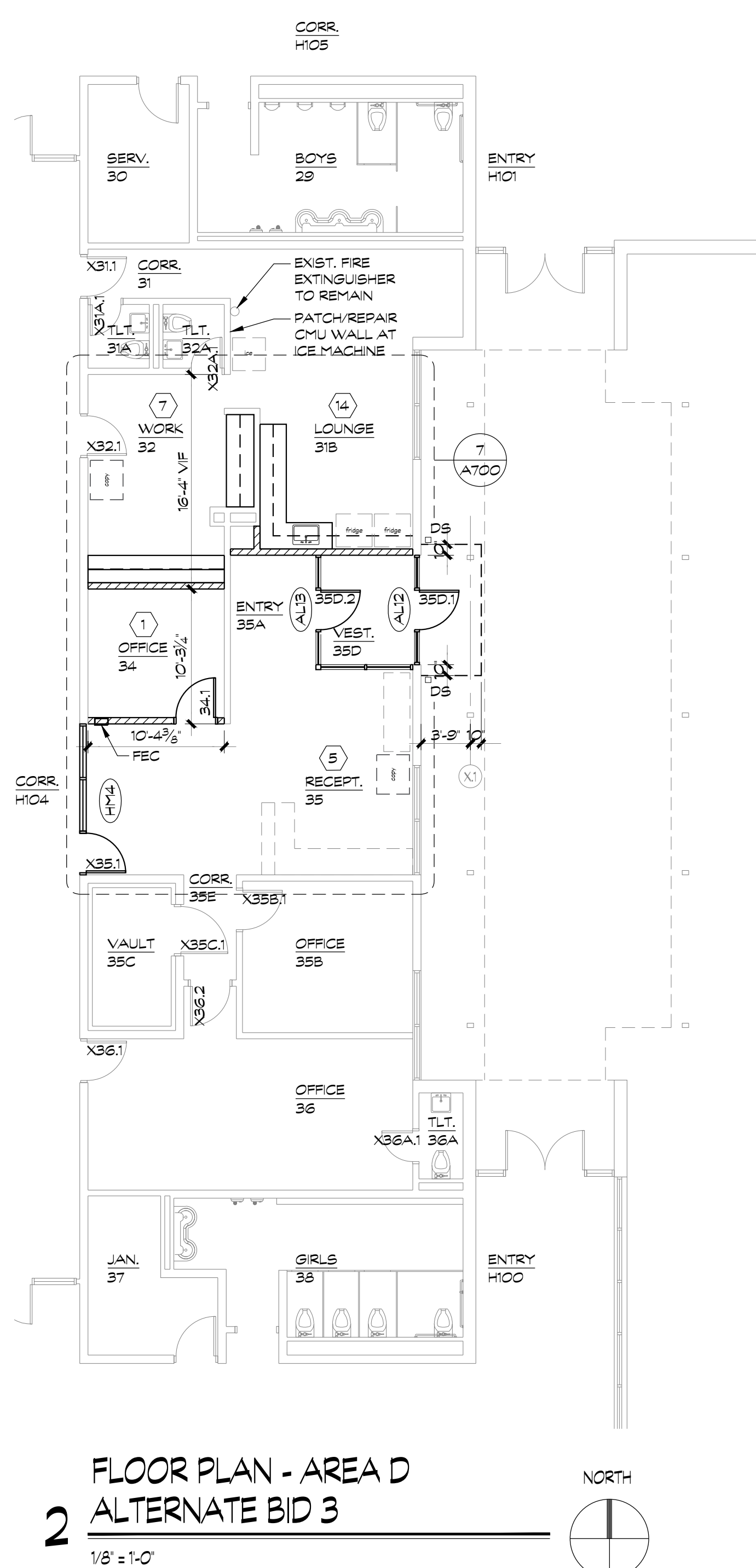
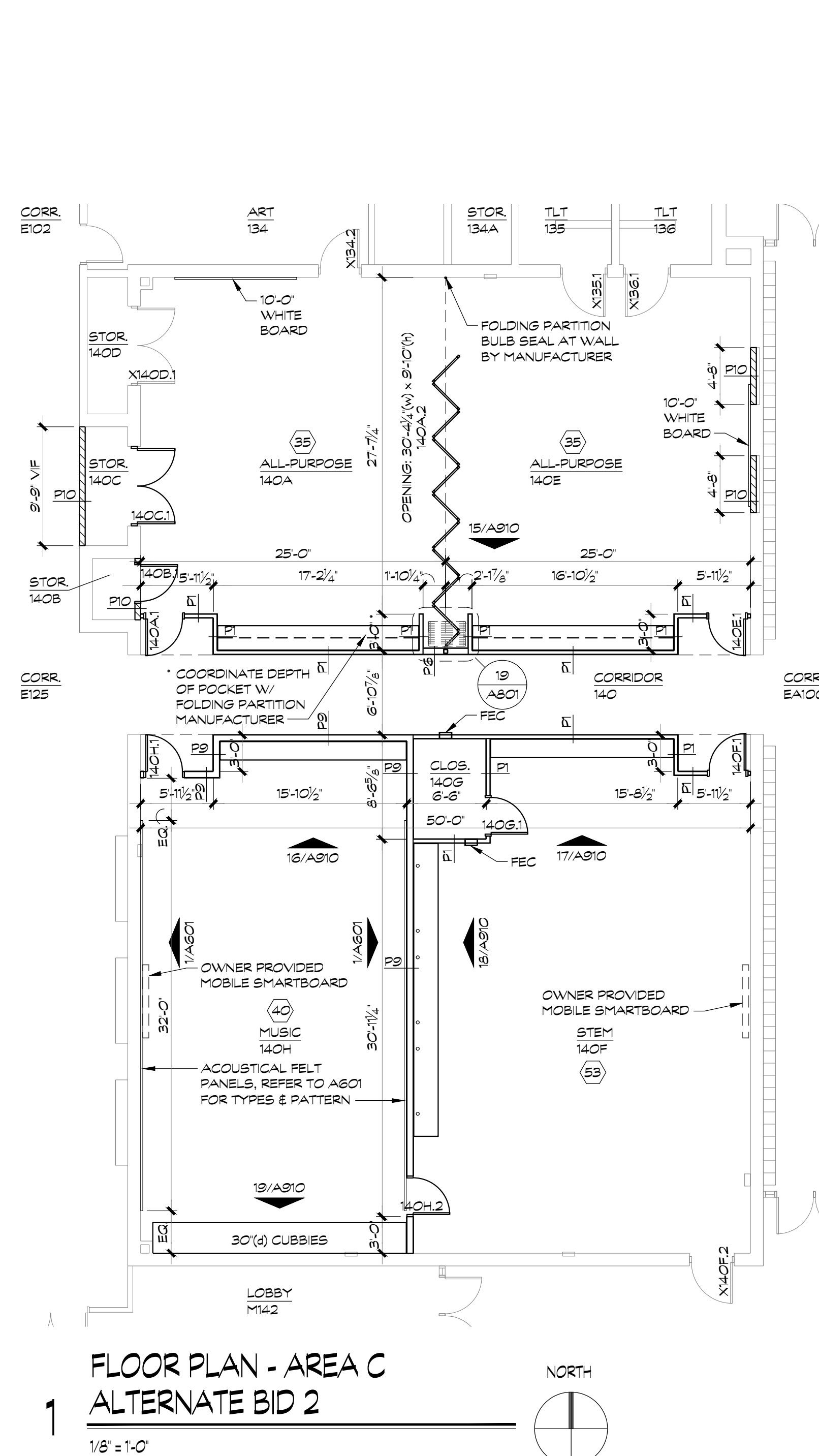
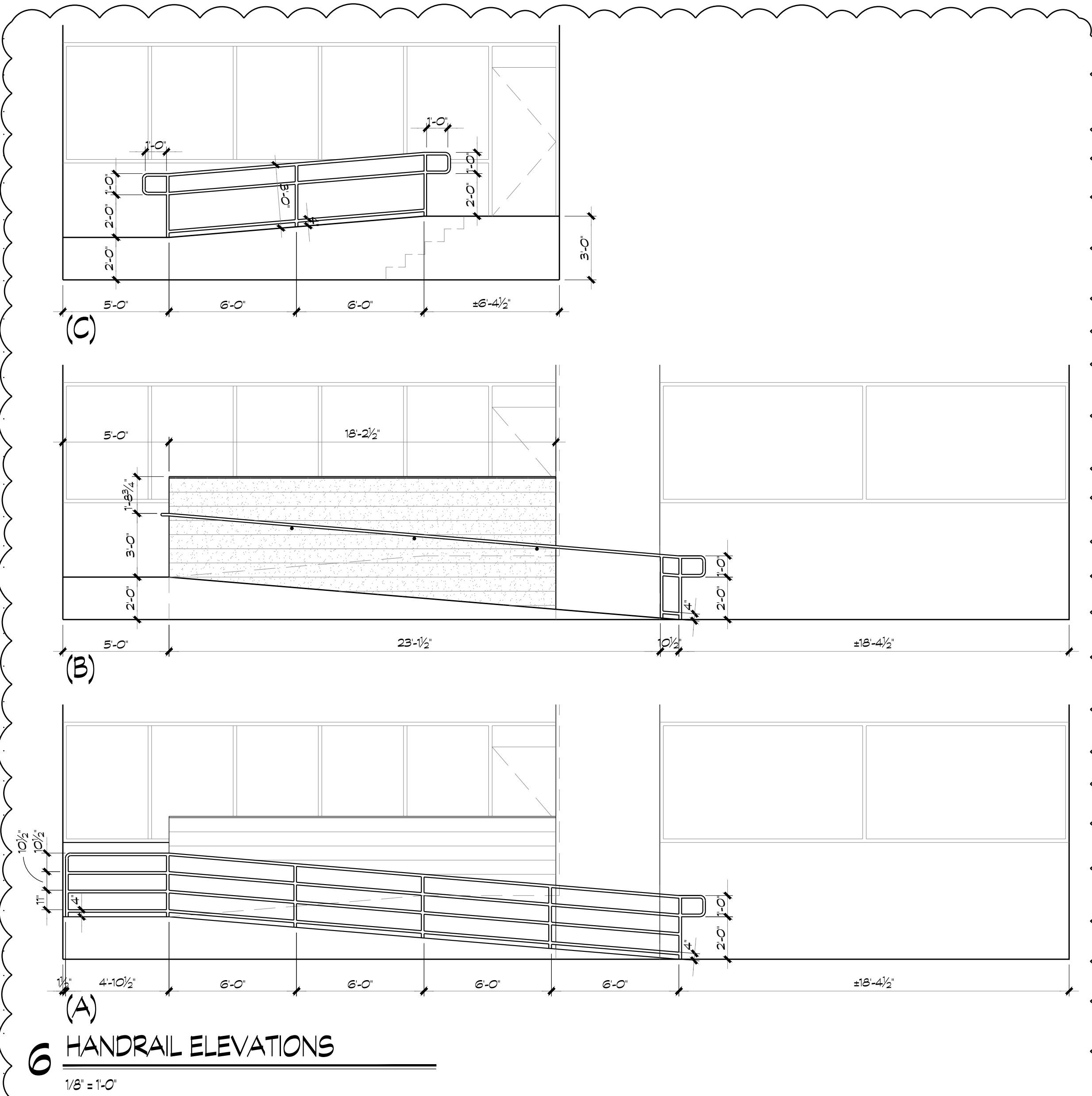
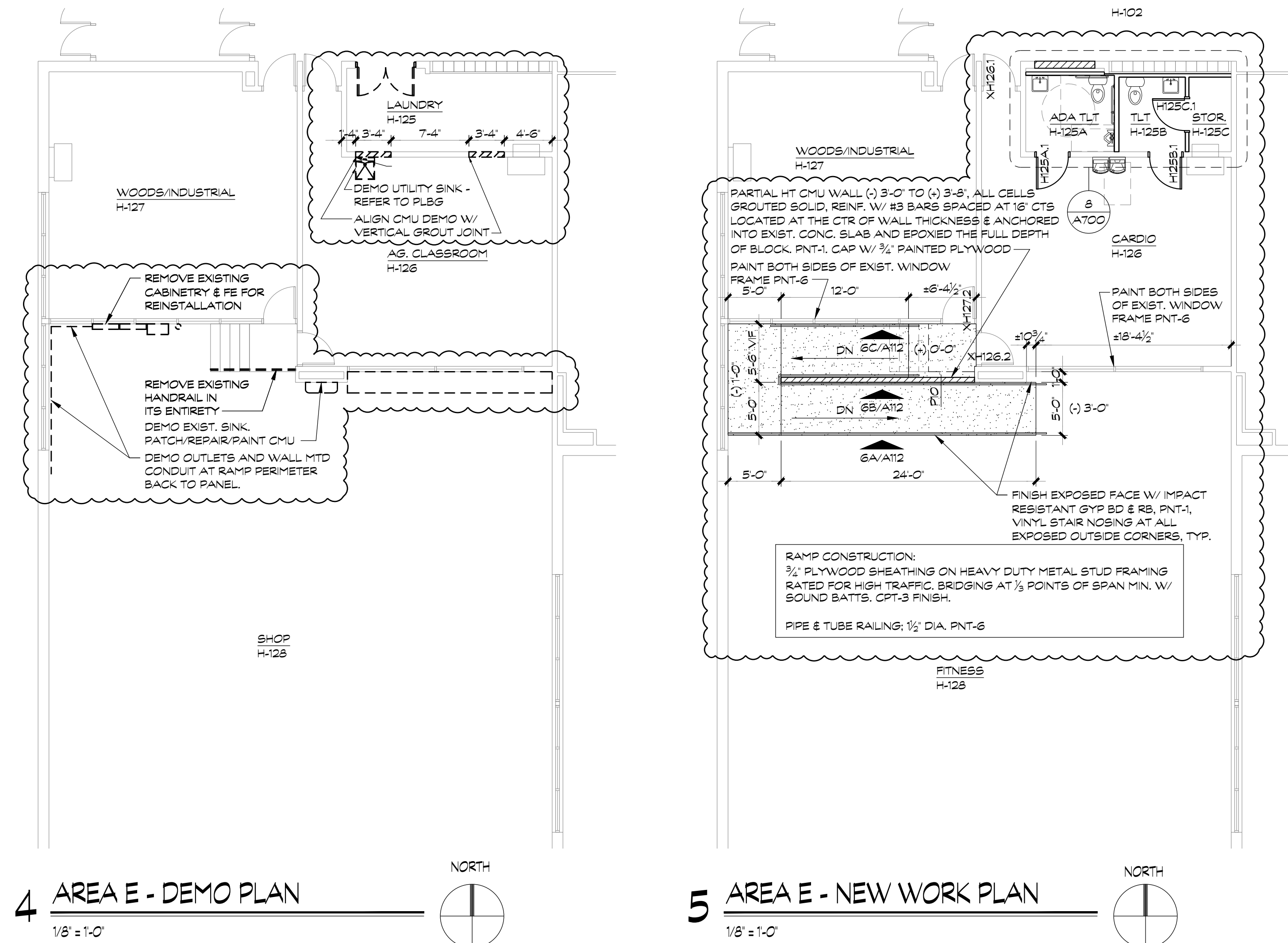
Also, include building an ADA ramp into the previous shop area from the previous Ag Classroom per attached drawings.

THIS IS NOT A CHANGE ORDER, A CONSTRUCTION CHANGE DIRECTIVE, OR A DIRECTION TO PROCEED WITH THE WORK DESCRIBED IN THE PROPOSED MODIFICATIONS.

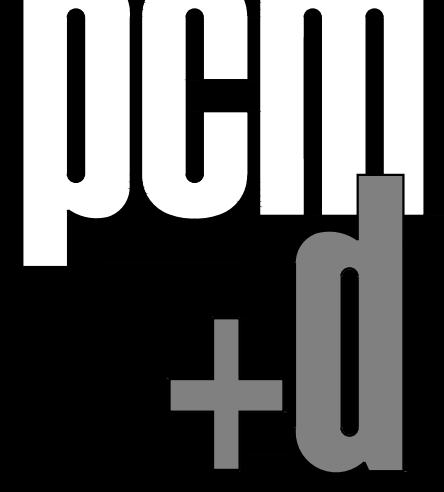
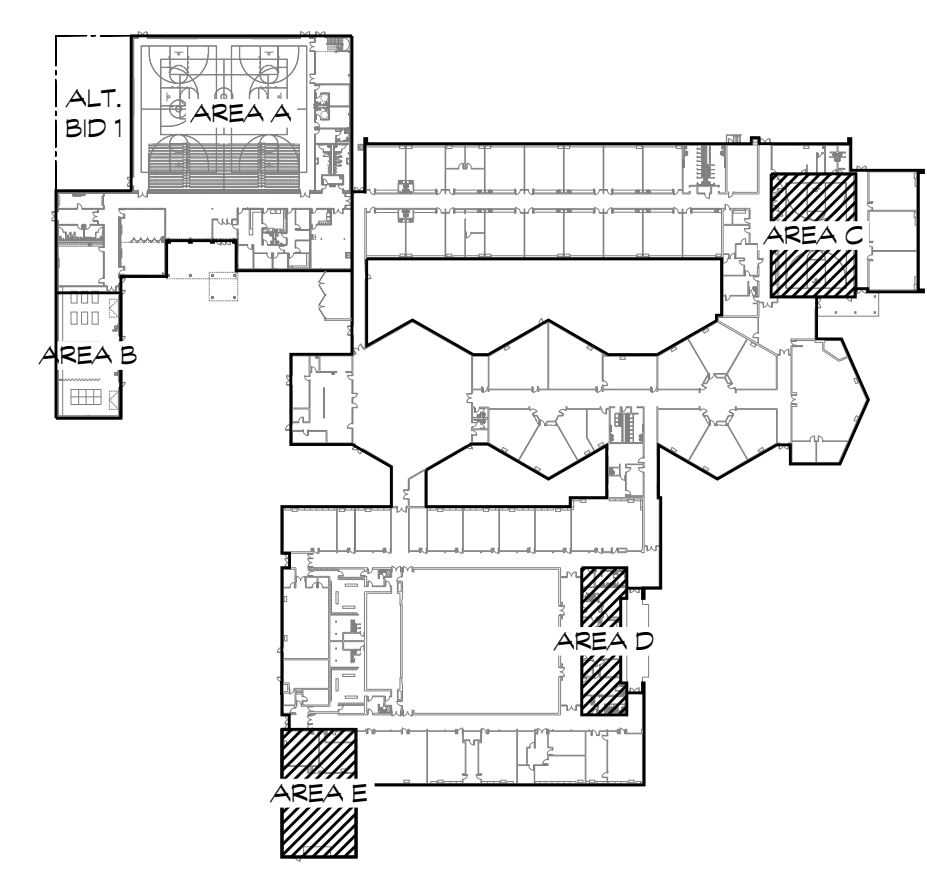
REQUESTED BY THE ARCHITECT:

Stacy Kidd, Architect

PRINTED NAME AND TITLE



CONTRACTOR PROVIDED FURNITURE LEGEND				
NO.	QTY	MFG	MODEL	DESCRIPTION
B101 RECEPTION				
a	2	HON	HWMM	IGNITION 2 TASK MID-BACK, MESH LIRA BACK (COLOR TBD) SYNCHRO-TILT W/ SEAT SLIDER, HEIGHT AND WIDTH ADJUST, ARM, BLACK ALL-SURFACE CASTER, BLACK ADJUST LUMBAR, BLACK STANDARD BASE, GRADE 2 SEAT UPHOLSTERY (COLOR TBD)
b	3	HON	HMLIS	GROVE SINGLE SEAT LOUNGE, ARMLESS, GRADE 2 UPHOLSTERY (COLOR TBD), TAPERED SQUARE LEG
c	1	HON	HSCB5624LM	WEST HILL, SCAMBLE END TABLE, 50QT SQUARE 24W X 24W X 22H, GRADE 1 STANDARD LAMINATES (COLOR TBD), P1 PAINT (COLOR TBD)
B102 CONFERENCE				
d	1	ALLSTEEL	AMPTLK4298RE	STRUCTURE 42'X38' RECTANGLE TOP, KNIFE EDGE, STANDARD WOOD, GRADE 1 STANDARD LAMINATES (COLOR TBD), NO CUTOUT
e	8	HON	HPXT1	STRUCTURE 1' BASE LARGE PAIR, SEATED HEIGHT W/ SLIDER, P1 PAINT GRADE (COLOR TBD)
f	2	HON	HIGSS	IGNITION GUEST/MULTI-PURPOSE CHAIR, FOUR-LEG STACKING, ARMLESS, NYLON SLIDE, GRADE 2 UPHOLSTERY (COLOR TBD), BLACK FRAME
g	1	HON	H105696L	10500 SERIES 12W36D29.5H, SINGLE PEDESTAL DESK, LEFT, RECTANGLE TOP, GRADE 1 LAMINATES (COLOR TBD)
h	1	HON	H10580SR	10500 SERIES 48W24D29.5H, RETURN FILE, RIGHT, GRADE 1 LAMINATES (COLOR TBD)
i	1	HON	H10580SR	10500 SERIES 48W24D29.5H, SIDE ACCESS WAREHOUSE, RIGHT, GRADE 1 LAMINATES (COLOR TBD), STANDARD RANDOM KEYLOCK
B103 OFFICE				
j	1	HON	HWMM	IGNITION 2 TASK MID-BACK, REFER TO B101 RECEPTION FOR DESCRIPTION
k	2	HON	HIGSS	IGNITION GUEST/MULTI-PURPOSE CHAIR, REFER TO B103 OFFICE FOR DESCRIPTION
l	1	HON	H105696L	10500 SERIES 66W30D29.5H, SINGLE PEDESTAL DESK, LEFT, RECTANGLE TOP, GRADE 1 LAMINATES (COLOR TBD)
m	1	HON	H10580SR	10500 SERIES 48W24D29.5H, RETURN FILE, RIGHT, GRADE 1 LAMINATES (COLOR TBD)
n	1	HON	H10580SR	10500 SERIES 24W36D29.5H, SIDE ACCESS WAREHOUSE, RIGHT, GRADE 1 LAMINATES (COLOR TBD), STANDARD RANDOM KEYLOCK
B104 OFFICE				
o	1	HON	HWMM	IGNITION 2 TASK MID-BACK, REFER TO B101 RECEPTION FOR DESCRIPTION
p	2	HON	HIGSS	IGNITION GUEST/MULTI-PURPOSE CHAIR, REFER TO B103 OFFICE FOR DESCRIPTION
q	1	HON	H105696L	10500 SERIES 66W30D29.5H, SINGLE PEDESTAL DESK, LEFT, RECTANGLE TOP, GRADE 1 LAMINATES (COLOR TBD)
r	1	HON	H10580SR	10500 SERIES 48W24D29.5H, RETURN FILE, RIGHT, GRADE 1 LAMINATES (COLOR TBD)
s	1	HON	H10580SR	10500 SERIES 24W36D29.5H, SIDE ACCESS WAREHOUSE, RIGHT, GRADE 1 LAMINATES (COLOR TBD), STANDARD RANDOM KEYLOCK
B107 WORK ROOM				
t	1	ALLSTEEL	AMPTLF60RND	STRUCTURE 60' DIA. ROUND TOP, SQUARE EDGE, STANDARD WOOD, GRADE 1 LAMINATES (COLOR TBD)
u	1	ALLSTEEL	AMPTPR29L	STRUCTURE ROUND PEDESTAL BASE, LARGE SEATED HEIGHT, P1 PAINT GRADE (COLOR TBD)
v	3	HON	HMG1	MOTIVATE 4-LEG STACK CHAIR, SET OF 2, NO ARM, BLACK CASTERS, BLACK FRAME, PLASTIC SHELL (COLOR TBD)
B111 SICK ROOM				
w	1	CLINTON	3600-27	CHROME LEG COUCH, NON-ADJUSTABLE WEDGE HEADREST, UPHOLSTERY (COLOR: COUNTRY MIST - 30C)
x	1	HON	HMG1	MOTIVATE 4-LEG STACK CHAIR, SET OF 2, REFER TO B107 WORK ROOM FOR DESCRIPTION, 1 OF 2 CHAIRS, OTHER CHAIR IN B111 SICK RM
B112 WAITING				
y	1	HON	HMG1	MOTIVATE 4-LEG STACK CHAIR, SET OF 2, REFER TO B107 WORK ROOM FOR DESCRIPTION, 3 CHAIRS SHOWN, OTHER CHAIR IN B111 SICK RM
B113 NURSE				
z	2	HON	HWMM	IGNITION 2 TASK MID-BACK, REFER TO B101 RECEPTION FOR DESCRIPTION



pcm-d
905 W. Main Street, Suite 300
Peoria, IL 61606
phone: 309.684.5012
professional design firm
registration #184.005700

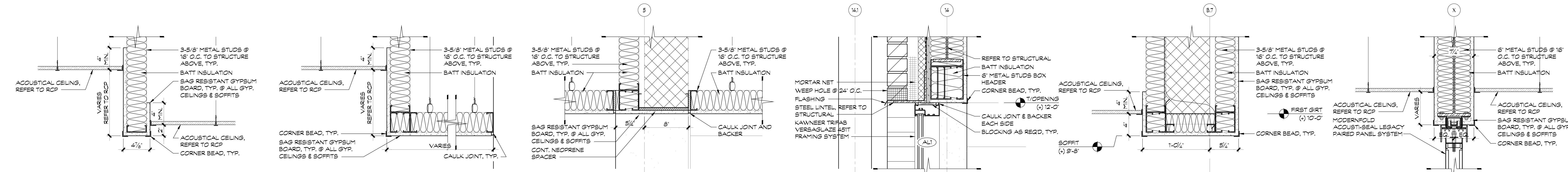
date:	issued for:
4/21/23	OPB
5/2/23	ADDENDUM 1
5/24/23	CONSTRUCTION
2/10/24	RFP-37

ILLINOIS CENTRAL CUSD 189
ADDITION & RENOVATION
208 Northwest Avenue, Mason City, IL 62664

sheet title:	
FLOOR PLAN - ALTERNATE BIDS 2 AND 3	
proj. no.:	10478
date:	XX/XX/XX
drawn:	rmm
checked:	scb
approved:	scb
sheet no.:	

A112

date:	issued for:
4/21/23	OPB
5/24/23	CONSTRUCTION
2/10/25	RFP-37



5 SOFFIT DETAIL - TYP.
1/2" = 1'-0"

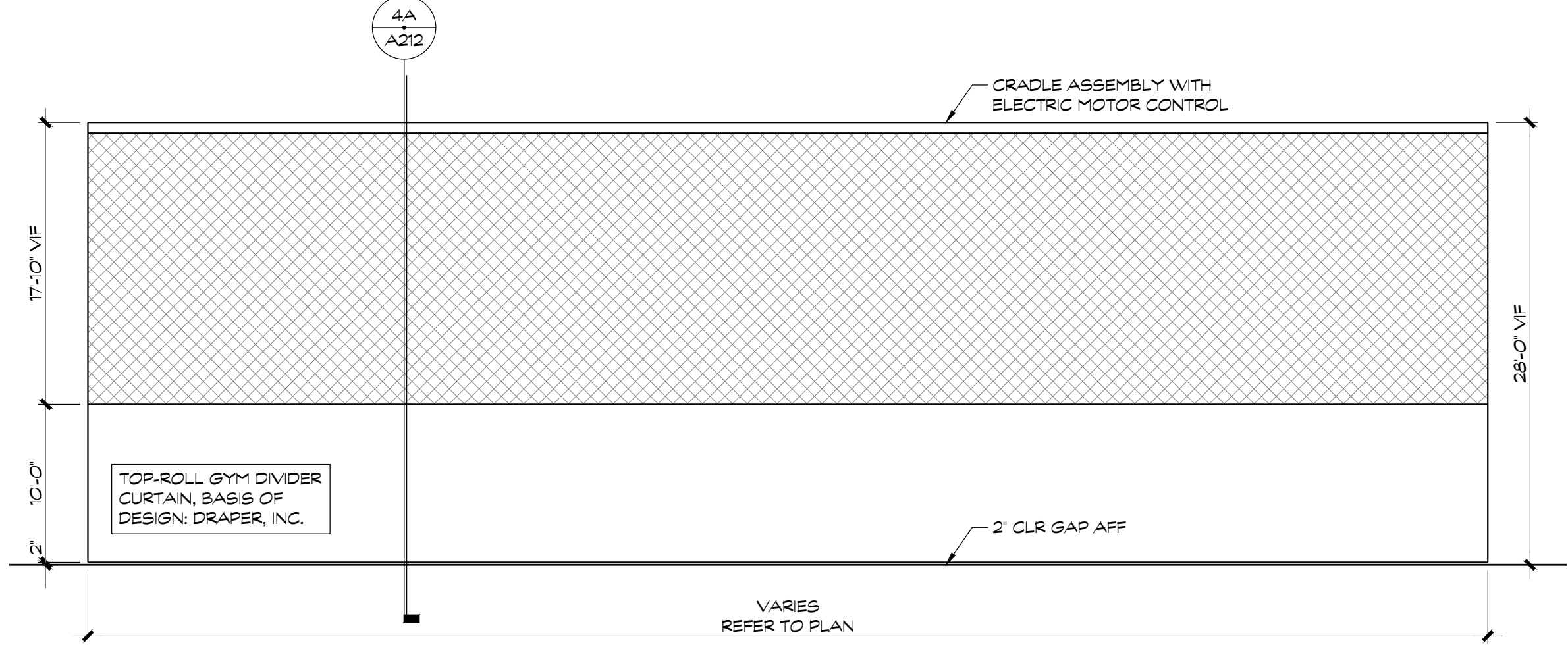
6 SOFFIT DETAIL - TYP.
1/2" = 1'-0"

7 SOFFIT DETAIL
1/2" = 1'-0"

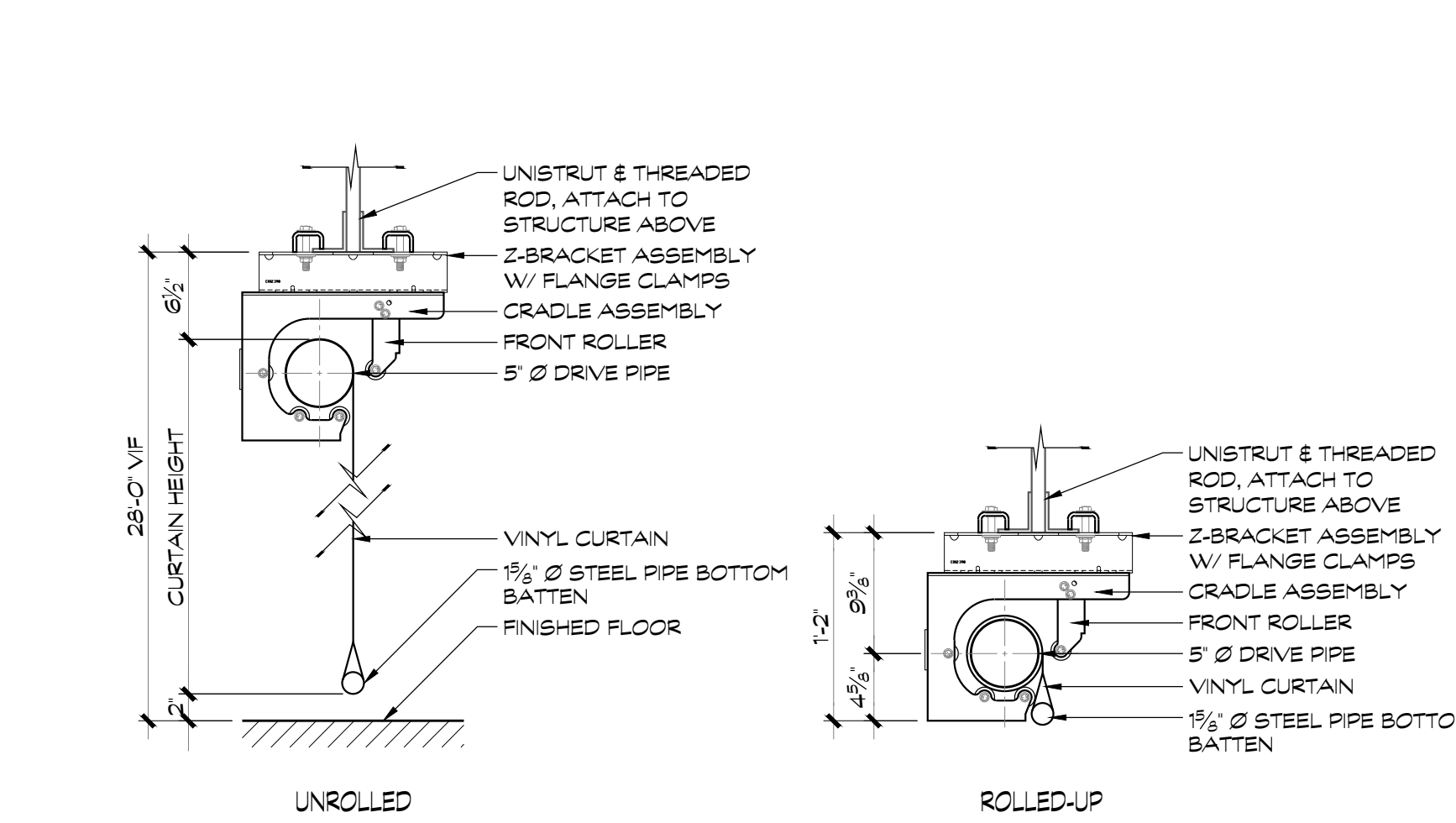
8 WINDOW HEAD DETAIL
1/2" = 1'-0"

9 SOFFIT DETAIL
1/2" = 1'-0"

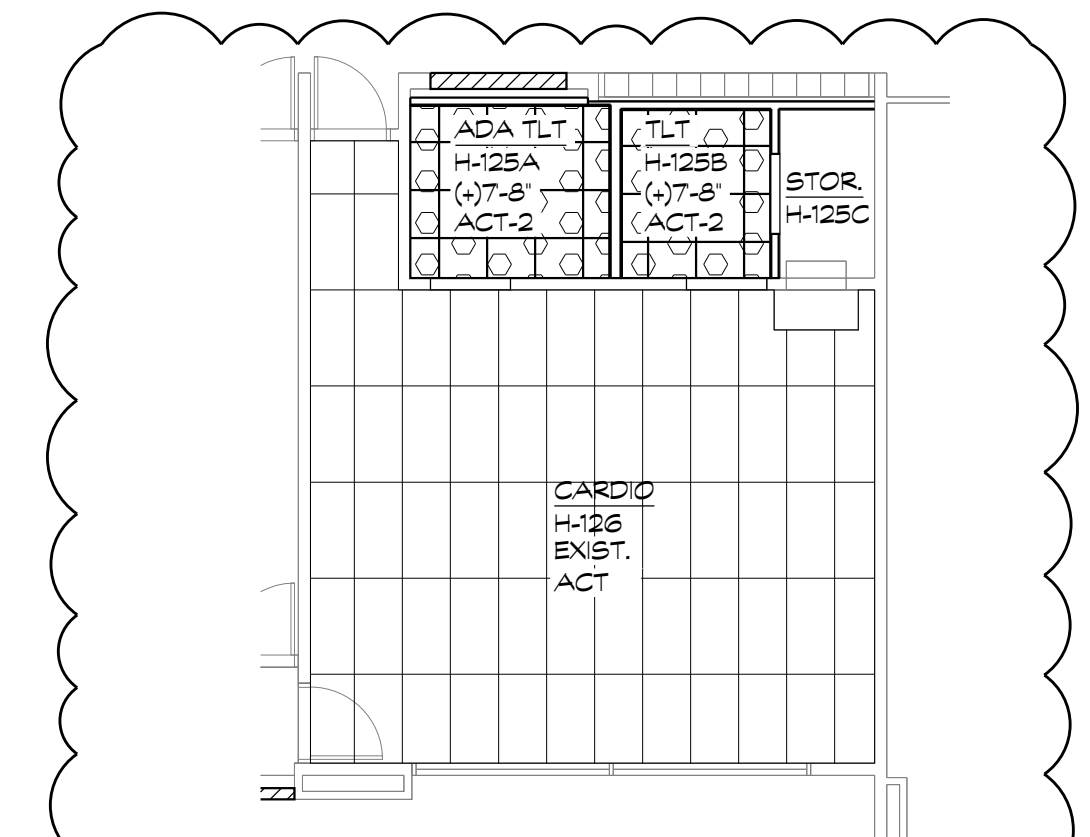
10 MODERNFOLD SOFFIT DTL
1/2" = 1'-0"



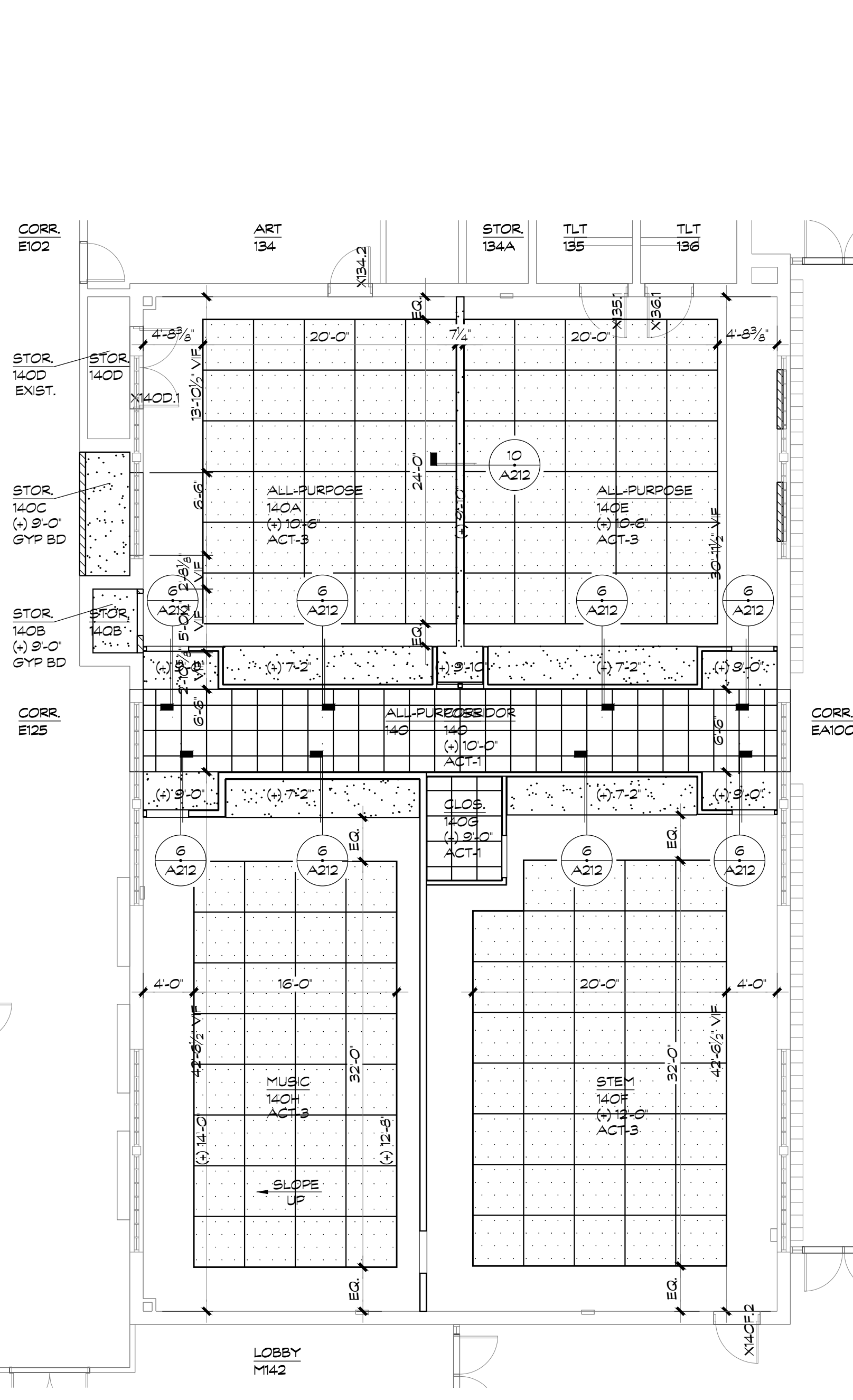
4 CURTAIN ELEVATION
1/8" = 1'-0"



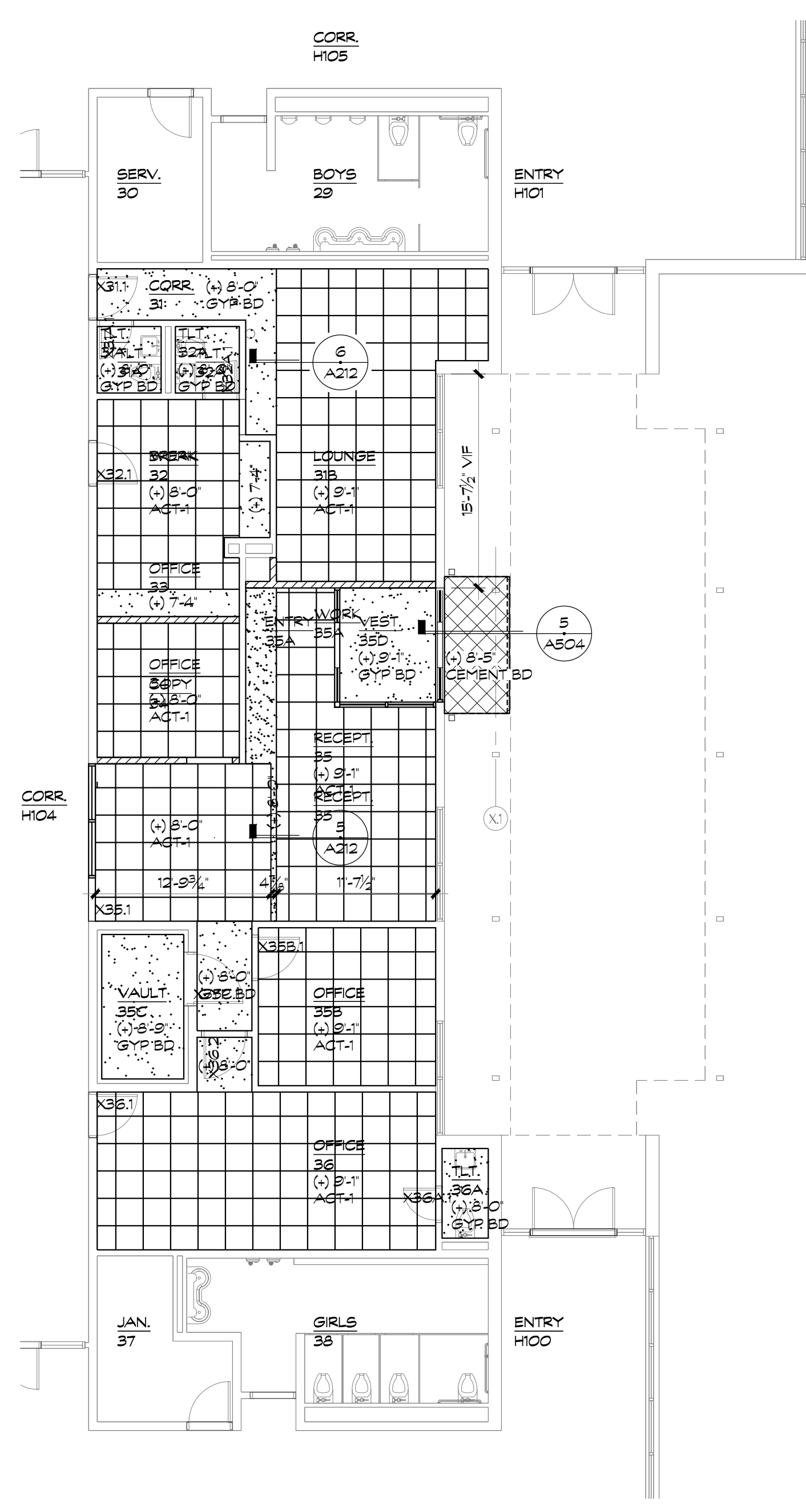
4A CURTAIN SECTIONS
NO SCALE



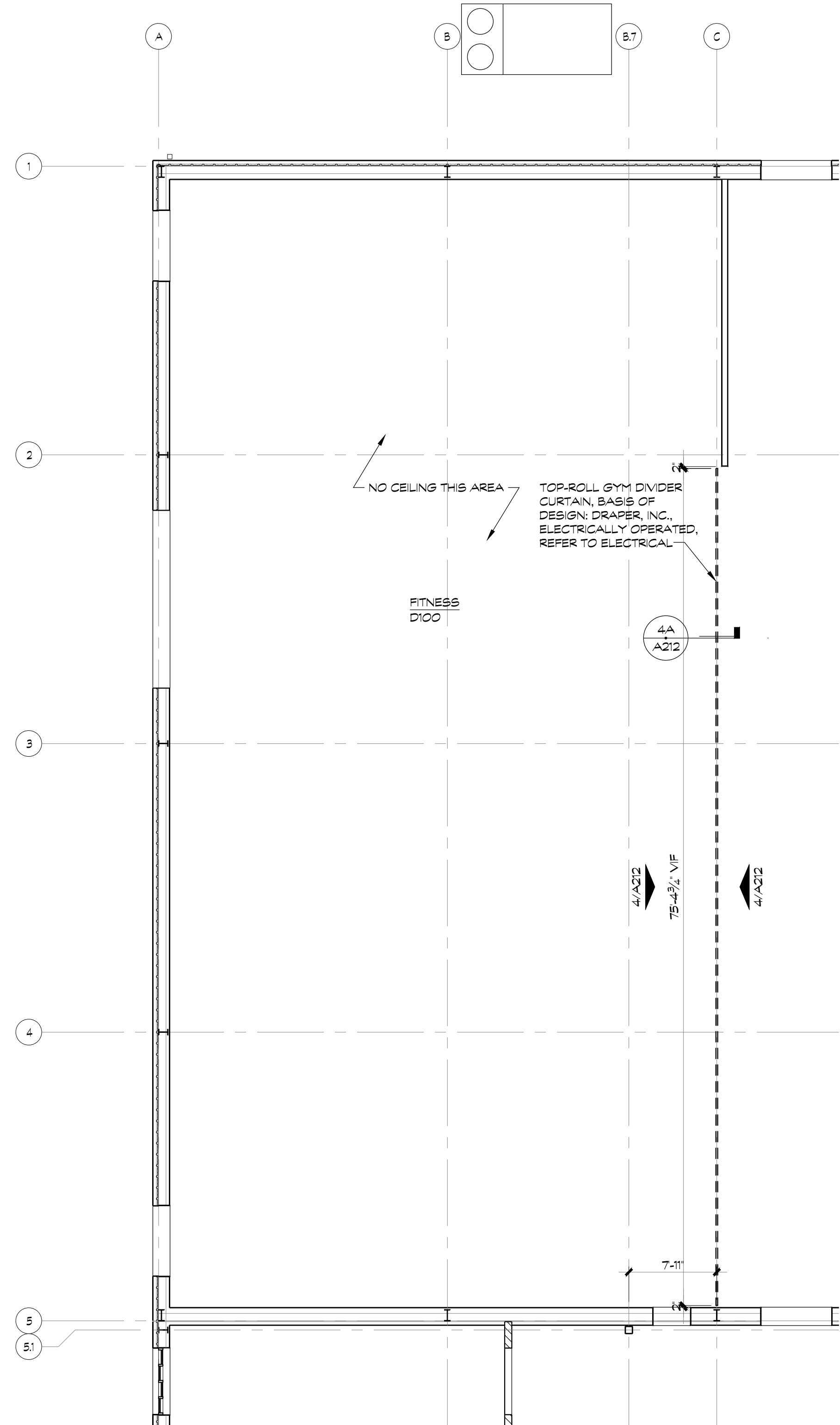
11 RCP - WEIGHT RM TOILETS
1/8" = 1'-0"



1 REFLECTED CEILING PLAN - AREA C ALTERNATE BID 2
1/8" = 1'-0"

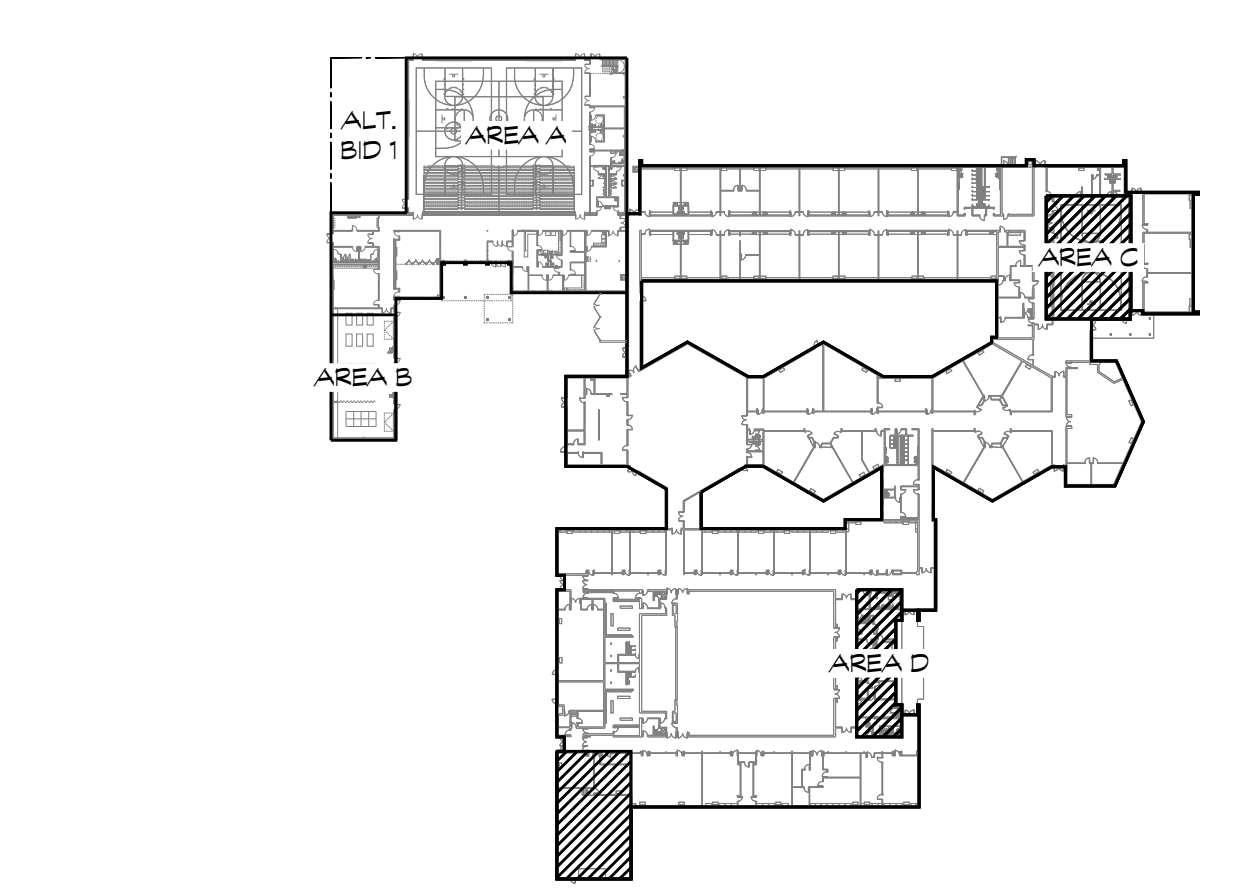


2 REFLECTED CEILING PLAN - AREA D ALTERNATE BID 3
1/8" = 1'-0"



3 REFLECTED CEILING PLAN - AREA D ALTERNATE BID 1
1/8" = 1'-0"

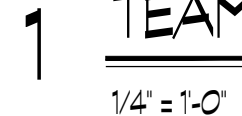
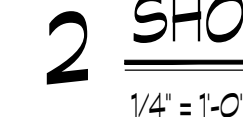
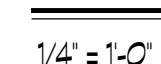
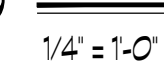
CEILING LEGEND		
	ACT-1: ARMSTRONG DUNE, 24"x24"x5/8"	
	ACT-3: ARMSTRONG OPTIMA VECTOR, 48"x48"x7/8"	
	CEMENT BOARD, PAINTED	
(X) X-X	CEILING HEIGHT AFF. AS NOTED	
		CEILING ORIGIN POINT, IF APPLICABLE



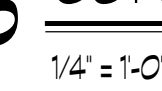
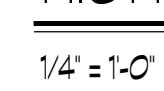
ILLINOIS CENTRAL CUSD 189
ADDITION & RENOVATION
208 Northwest Avenue, Mason City, IL 62664

sheet title:	
REFLECTED CEILING PLAN - AREA C, AREA D, & ALT. BID 1	
proj. no.:	10478
date:	4/21/23
drawn:	rmm
checked:	sck
approved:	sck
sheet no.:	

A212



GENERAL NOTES:
1. REFER TO TYPICAL MOUNTING HEIGHTS.
2. ALL TOILET ACCESSORIES ARE CONTRACTOR INSTALLED.



date:	issued for:
4/21/23	OFB
5/24/23	CONSTRUCTION
2/10/24	RFP-037

ILLINI CENTRAL CUSD 189
ADDITION & RENOVATION
208 Northwest Avenue, Mason City, IL 62664

sheet title:
ENLARGED FLOOR PLANS

proj. no.:	10478
date:	4/21/23
drawn:	sch
checked:	trp
approved:	sch
sheet no.:	

A700

DOOR SCHEDULE

DOOR									FIRE RATING	FRAME			DETAIL		REMARKS	DOOR
NO.	SIZE		THICK	TYPE	MAT'L	FINISH	HDWRE SET	GLAZING		TYPE	MAT'L	FINISH	HEAD	JAMB		NO.
	WD.	HT.														
H125A.1	3 - 0	7 - 0	1 3/4	F	HM	PNT-3	18H	--	--	HM-1	HM	PNT-6	3/A600	1/A600	--	H125A.1
H125B.1	3 - 0	7 - 0	1 3/4	F	HM	PNT-3	18H	--	--	HM-1	HM	PNT-6	3/A600	1/A600	--	H125B.1
H125C.1	3 - 0	7 - 0	1 3/4	F	HM	PNT-3	10H	--	--	HM-1	HM	PNT-6	4/A600	5/A600	--	H125C.1
XH126.1	EXIST	EXIST	EXIST	F	WD	EXIST	EXIST	--	EXIST	EXIST	EXIST	PNT-9	EXIST	EXIST	--	XH126.1
XH126.2	EXIST	EXIST	EXIST	F	WD	EXIST	EXIST	--	EXIST	EXIST	EXIST	PNT-6	EXIST	EXIST	--	XH126.2
XH127.2	EXIST	EXIST	EXIST	F	WD	EXIST	EXIST	--	EXIST	EXIST	EXIST	PNT-6	EXIST	EXIST	--	XH127.2

PNT-9 SHERWIN WILLIAMS, SW6991 BLACK MAGIC

ROOM FINISH SCHEDULE

ROOM		FLOOR		BASE		WALLS								CEILING			ROOM
NO.	NAME	MAT.	FIN.	MAT.	FIN.	NORTH		EAST		SOUTH		WEST		MAT'L	FINISH	REMARKS	NO.
						MAT.	FIN.	MAT.	FIN.	MAT.	FIN.	MAT.	FIN.				
H-125A	ADA TLT	EXIST. CONC	VCT-3	RB	MFR	GYP BD	FRP	GYP BD	FRP	EXIST. CMU	PNT-1	EXIST. CMU	PNT-1	ACT-2	MFR	--	H-125A
H-125B	TOILET	EXIST. CONC	VCT-3	RB	MFR	GYP BD	FRP	GYP BD	FRP	EXIST. CMU	PNT-1	GYP BD	FRP	ACT-2	MFR	--	H-125B
H-125C	STORAGE	EXIST. CONC	VCT-3	RB	MFR	GYP BD	PNT-1	EXIST. CMU	PNT-1	EXIST. CMU	PNT-1	GYP BD	PNT-1	--	--	--	H-125C
H-126	CARDIO	EXIST. CONC	VCT-3	RB	MFR	EXIST. CMU	PNT-1	EXIST. CMU	PNT-1	EXIST. CMU	PNT-1	EXIST. CMU	PNT-1	EXIST	EXIST	--	H-126



WEIGHT ROOM TOILETS/RAMP

ADDITION & RENOVATION
ILLINI CENTRAL CUSD 189

DRAWING
REFERENCE:

A601

PCM+d PROJECT
NO:

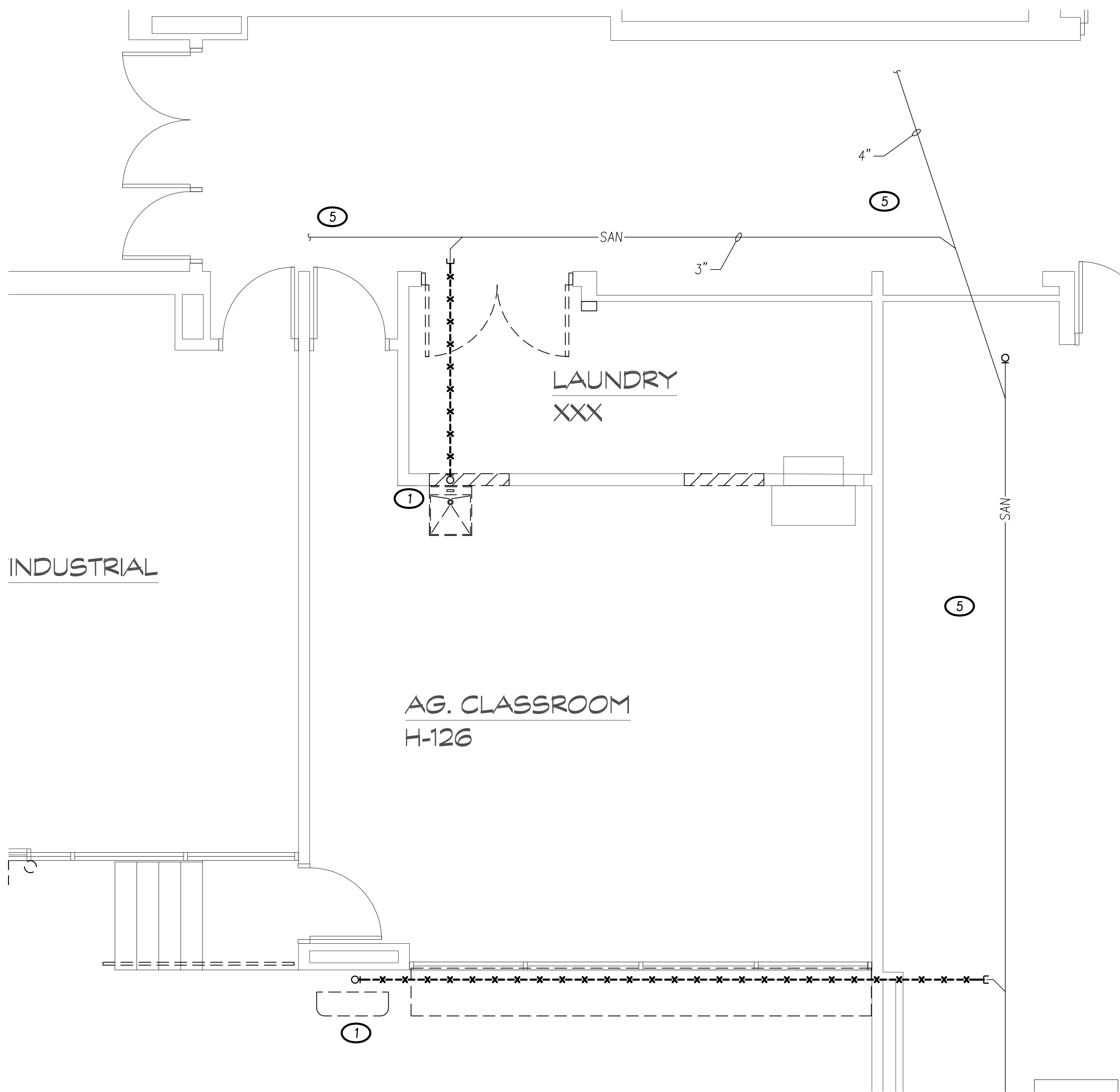
14078

DATE:

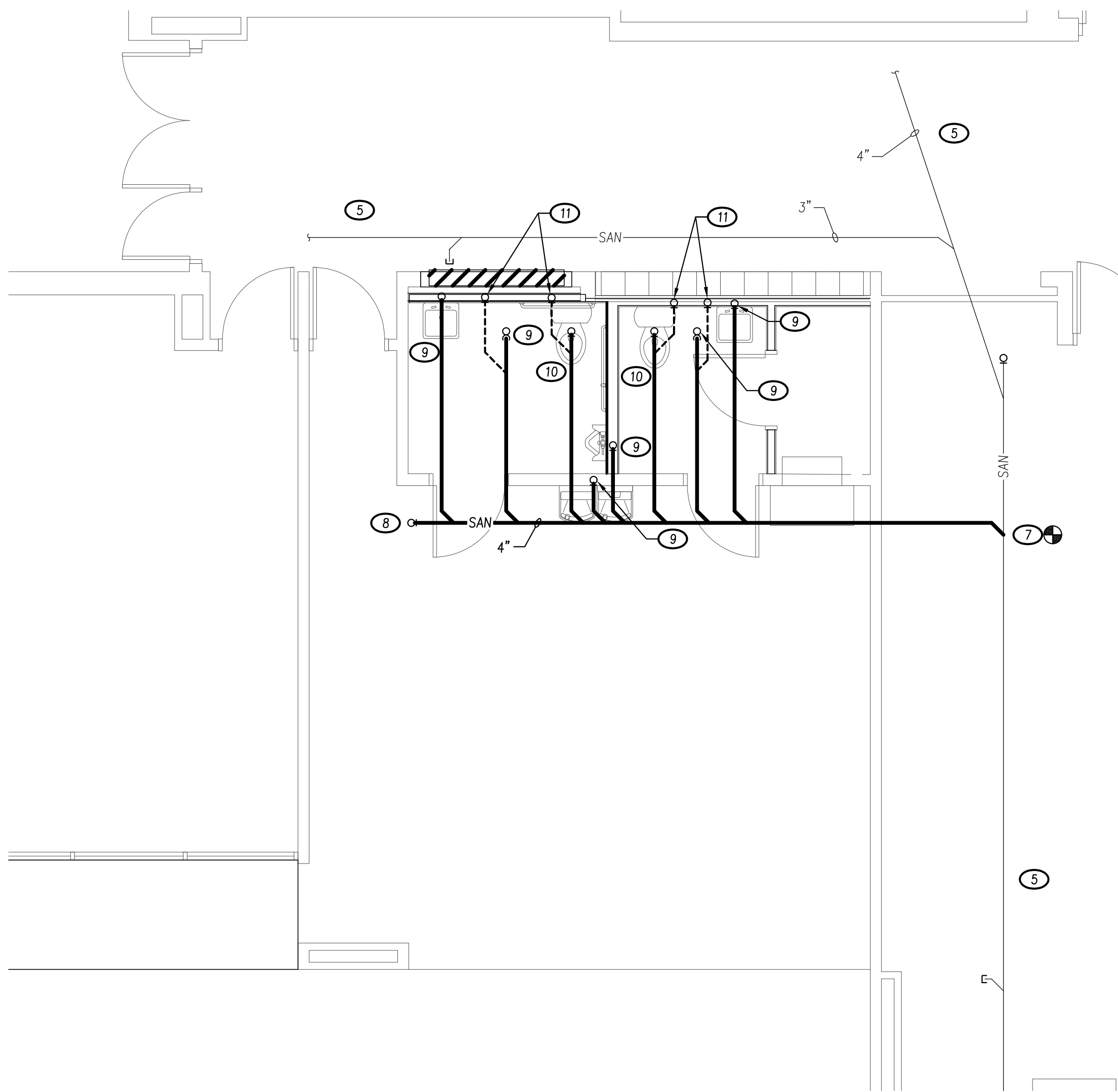
02/10/25

DRAWING NO:

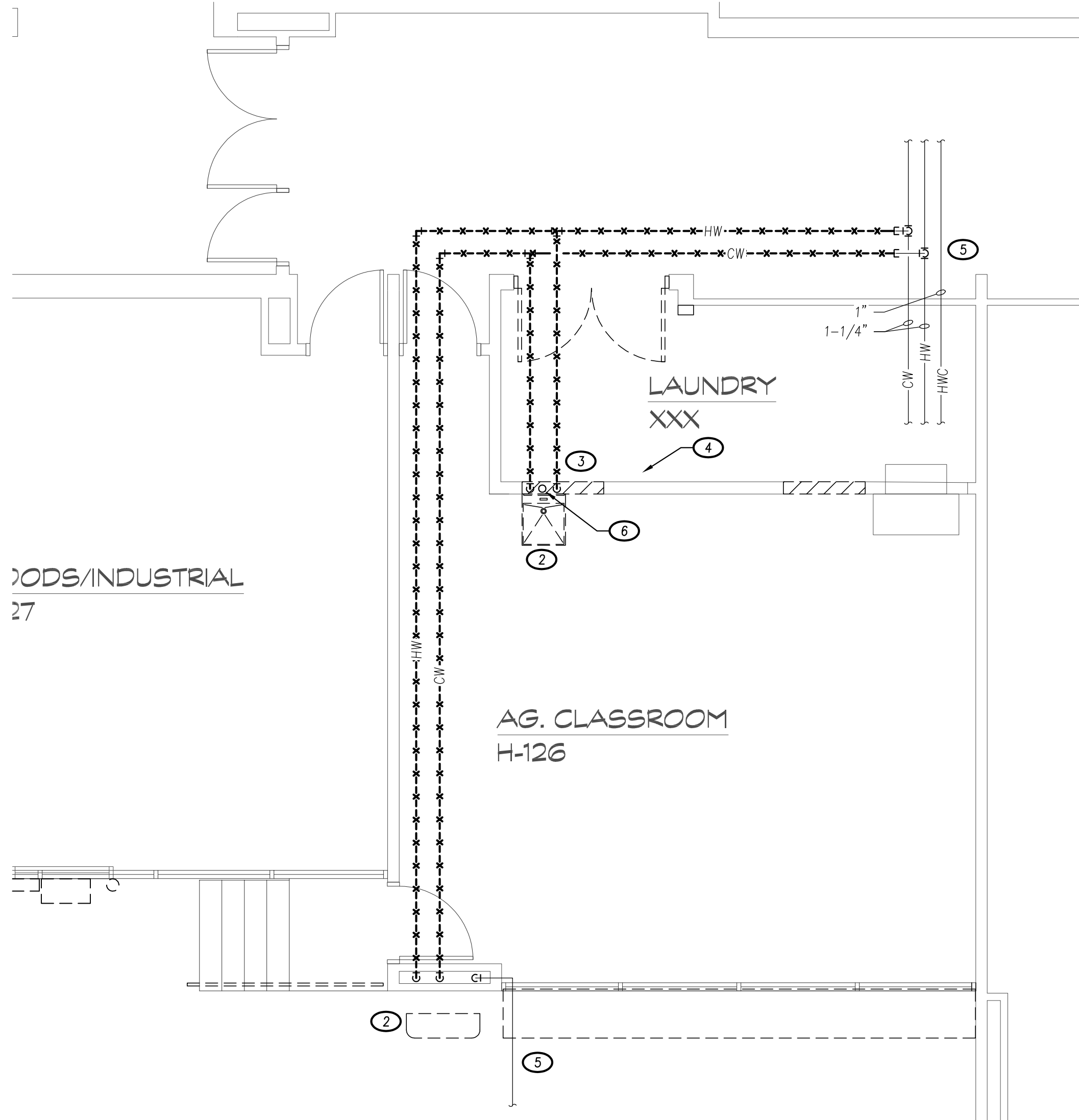
RFP 37



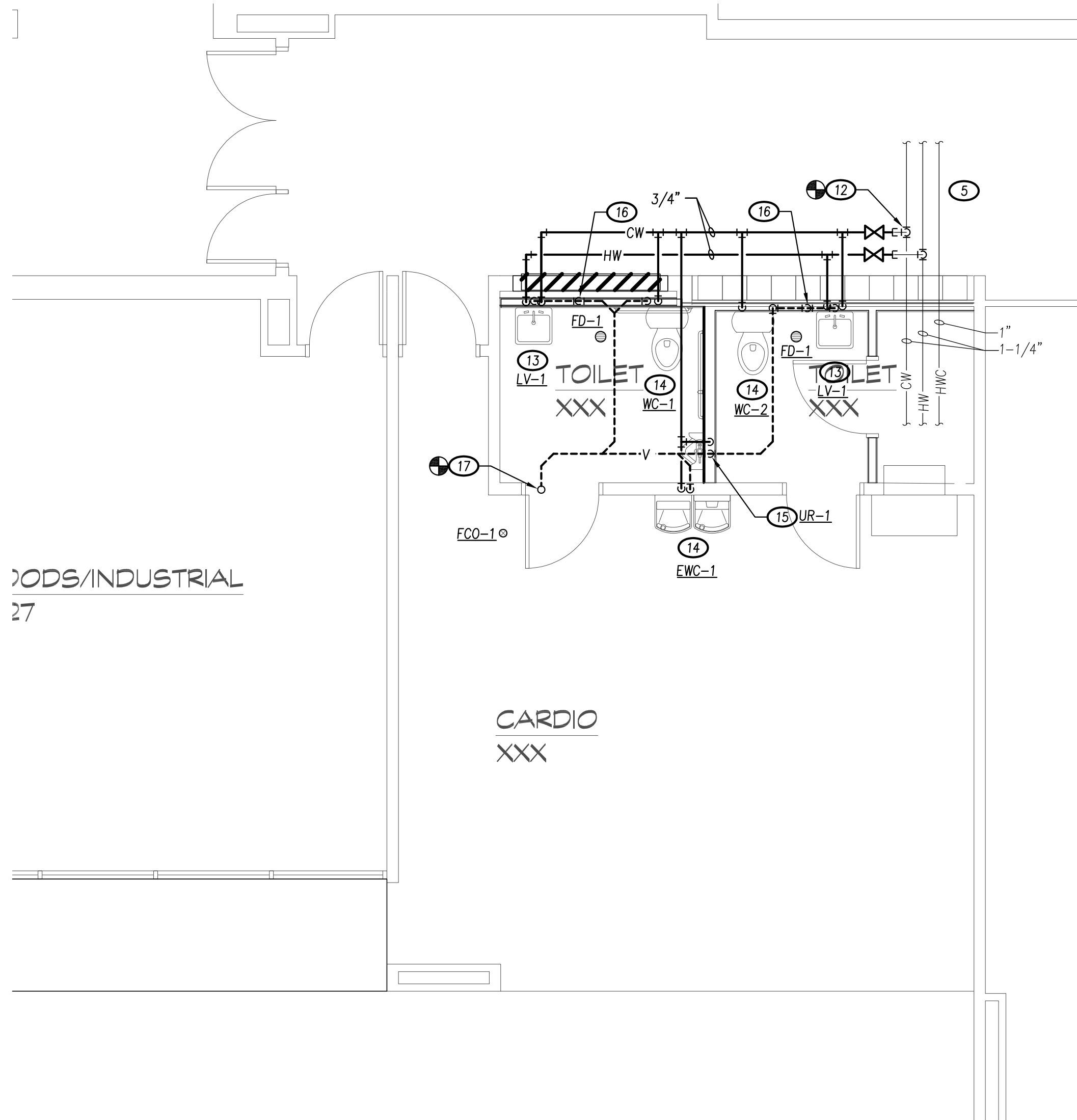
1 UNDERFLOOR PLAN - AREA E - PLUMBING DEMOLITION
SCALE: 1/4" = 1'-0"



3 UNDERFLOOR PLAN - AREA E - PLUMBING
SCALE: 1/4" = 1'-0"



2 FLOOR PLAN - AREA E - PLUMBING DEMOLITION
SCALE: 1/4" = 1'-0"



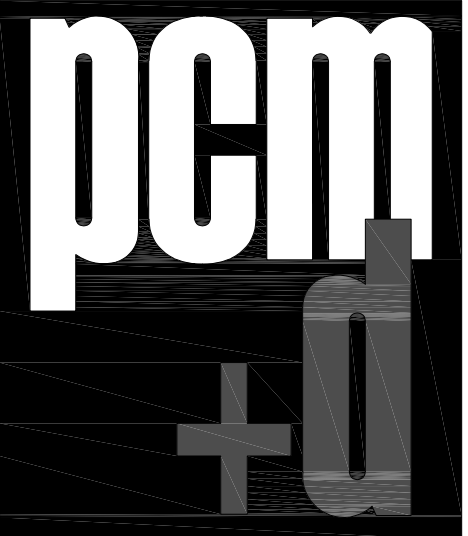
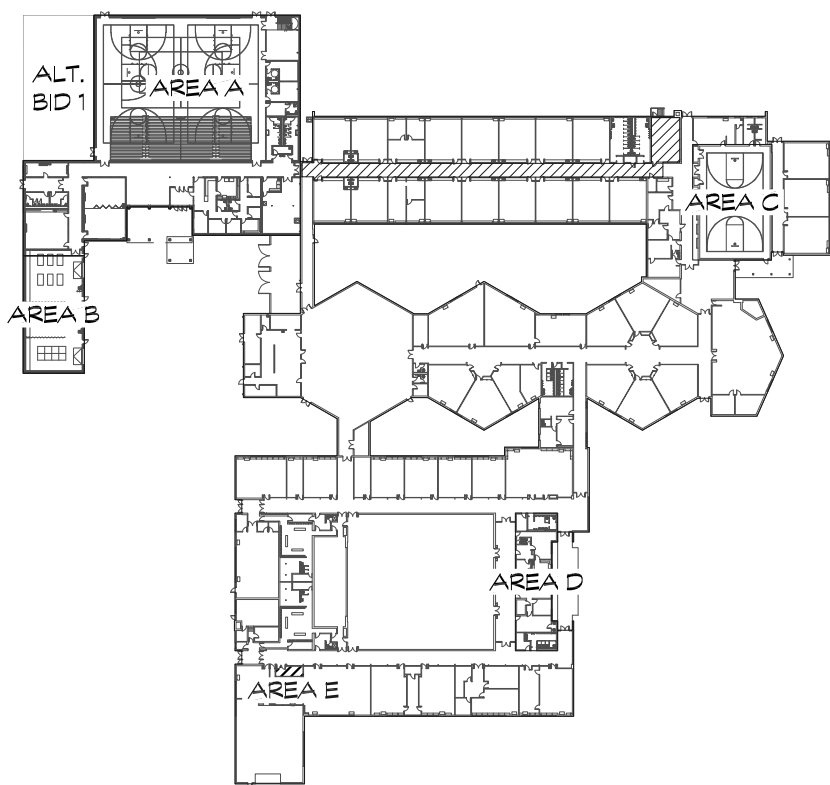
4 FLOOR PLAN - AREA E - PLUMBING
SCALE: 1/4" = 1'-0"

PLUMBING KEYED NOTES (THIS SHEET):

- 1 REMOVE EXISTING 3" WASTE PIPING FROM ABOVE, BACK TO MAIN AND CAP.
- 2 REMOVE EXISTING SINK AND ASSOCIATED SUPPLY, WASTE AND VENT PIPING, BACK TO MAIN AND CAP.
- 3 REMOVE EXISTING WASHER BOX AND ASSOCIATED SUPPLY, WASTE AND VENT PIPING, BACK TO MAIN AND CAP.
- 4 REMOVE EXISTING GAS PIPING FROM DRYER IN THIS APPROXIMATE LOCATION, BACK TO MAIN AND CAP.
- 5 EXISTING PIPING TO REMAIN.
- 6 EXISTING 3" VENT THROUGH ROOF TO REMAIN.
- 7 CONNECT NEW 4" WASTE PIPING TO EXISTING WASTE PIPING IN THIS APPROXIMATE LOCATION.
- 8 4" WASTE TO CLEANOUT ABOVE.
- 9 2" WASTE FROM ABOVE.
- 10 4" WASTE FROM ABOVE.
- 11 2" VENT UP.
- 12 CONNECT NEW 3/4" CW PIPING AND 1/2" H2 PIPING TO EXISTING PIPING IN THIS APPROXIMATE LOCATION.
- 13 1/2" H&CW DOWN. 2" VENT FROM BELOW.
- 14 1/2" CW DOWN. 2" VENT FROM BELOW.
- 15 3/4" CW DOWN. 2" VENT FROM BELOW.
- 16 2" VENT FROM BELOW.
- 17 CONNECT NEW 2" VENT PIPING TO EXISTING 3" VENT THROUGH ROOF.

PLUMBING FIXTURE & EQUIPMENT SCHEDULE						
TAG	DESCRIPTION	ROUGH-IN SIZE (NPS)			ACCESSORIES/ TRIM	
		W/V	CW	HW		
WC-1 ADA	WATER CLOSET: FLOOR SET, BOTTOM OUTLET, VITREOUS CHINA, FLUSH TANK, 1.6 GPF, PRESSURE ASSIST, 16-1/2" RIM HEIGHT. AMERICAN STANDARD MODEL 2467.016 OR OWNER APPROVED EQUAL.	4"/2"	1/2"	-	• OPEN FRONT ANTI-MICROBIAL SEAT. • LOOSE KEY STOPS. • BRAIDED S.S. RISERS.	
WC-2	WATER CLOSET: FLOOR SET, BOTTOM OUTLET, VITREOUS CHINA, FLUSH TANK, 1.6 GPF, PRESSURE ASSIST, 15" RIM HEIGHT. AMERICAN STANDARD MODEL 2462.016 OR OWNER APPROVED EQUAL.	4"/2"	1/2"	-	• OPEN FRONT ANTI-MICROBIAL SEAT. • LOOSE KEY STOPS. • BRAIDED S.S. RISERS.	
UR-1	URINAL: WALL HUNG, WASH-DOWN, VITREOUS CHINA, 3/4" TOP SPUD, AUTOMATIC FLUSH VALVE, HARDWIRED. REFER TO ARCHITECTURAL SECTIONS FOR MOUNTING HEIGHTS. AMERICAN STANDARD MODEL 6590.001 OR OWNER APPROVED EQUAL. FLUSH VALVE: SLOAN ROYAL MODEL 186 SMOOTH-1.0-HW OR OWNER APPROVED EQUAL.	2"/2"	3/4"	-	• POWER WIRING BY ELECTRICAL CONTRACTOR. • CARRIER FOR WALL HUNG FIXTURE.	
LV-1 ADA AND NON-ADA	LAVATORY - WALL MOUNT, FRONT OVERFLOW, VITREOUS CHINA, CARRIER FOR WALL HUNG FIXTURE. REFER TO ARCHITECTURAL SECTIONS FOR MOUNTING HEIGHTS. AMERICAN STANDARD MODEL 0355.012 OR APPROVED EQUAL. TOUCHLESS FAUCET - CHICAGO FAUCETS MODEL 116.121.AB.1 OR OWNER APPROVED EQUAL. TRANSFORMER - CHICAGO FAUCETS MODEL 243.260.00.1	2"/2"	1/2"	1/2"	• 1-1/2" PVC P-TRAP. • LOOSE KEY STOPS. • BRAIDED S.S. RISERS. • PROVIDE & INSTALL ADA INSULATION KIT FOR OPEN FRONT COUNTERS • COORDINATE FAUCET HOLE PUNCHES BEFORE ORDERING. • PROVIDE & INSTALL TMV-1. • POWER WIRING BY ELECTRICAL CONTRACTOR.	
EW-1	ELECTRIC WATER COOLER: REFRIGERATED, TOUCHLESS, SENSOR ACTIVATION BOTTLE FILLER, PUSH BAR ACTIVATION BUBBLER, LAMINAR FLOW, FILTERED, 115V, 60HZ. ELKAY MODEL LZSTL8WSVRLK OR OWNER APPROVED EQUAL.	2"/2"	1/2"	-		
TMV-1	THERMOSTATIC MIXING VALVE: LEONARD VALVE MODEL 170-LF-BP OR OWNER APPROVED EQUAL.	-/-	3/8"	3/8"		
FD-1	FLOOR DRAIN: CAST IRON BODY, NICKEL BRONZE TOP. ZURN MODEL 2415-B21 OR OWNER APPROVED EQUAL.	SEE SHEET	-	-		
EQO-1	FLOOR CLEANOUT: CAST IRON BODY, NICKEL BRONZE TOP. ZURN MODEL 21400 OR OWNER APPROVED EQUAL.	SEE SHEET	-	-		

NOTE: THE FIXTURES IN THE TABLE ABOVE APPLY TO THIS SHEET ONLY.



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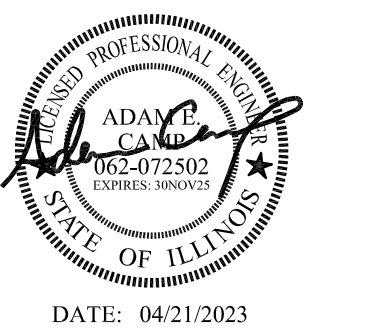


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11/6/24	RFP-029
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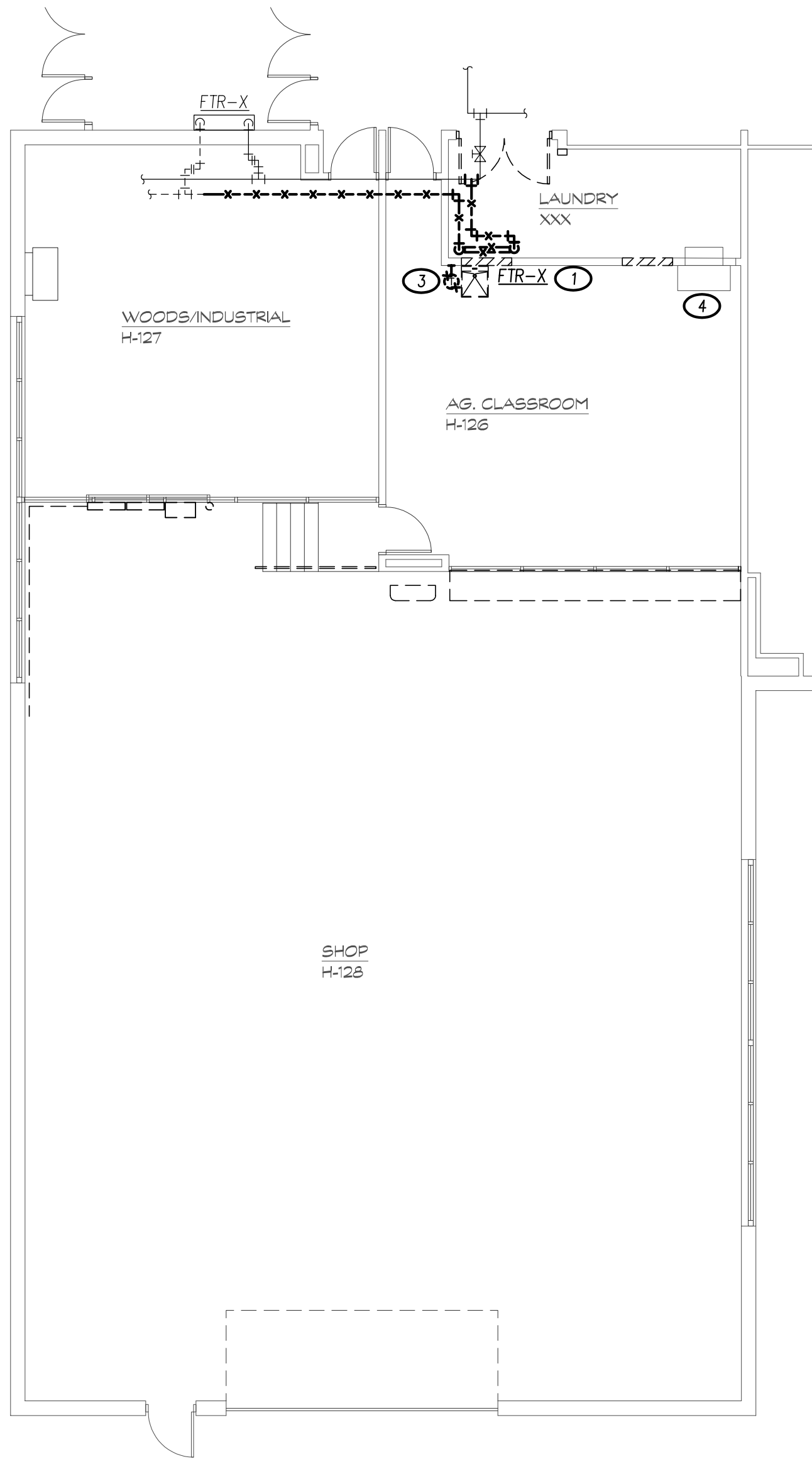
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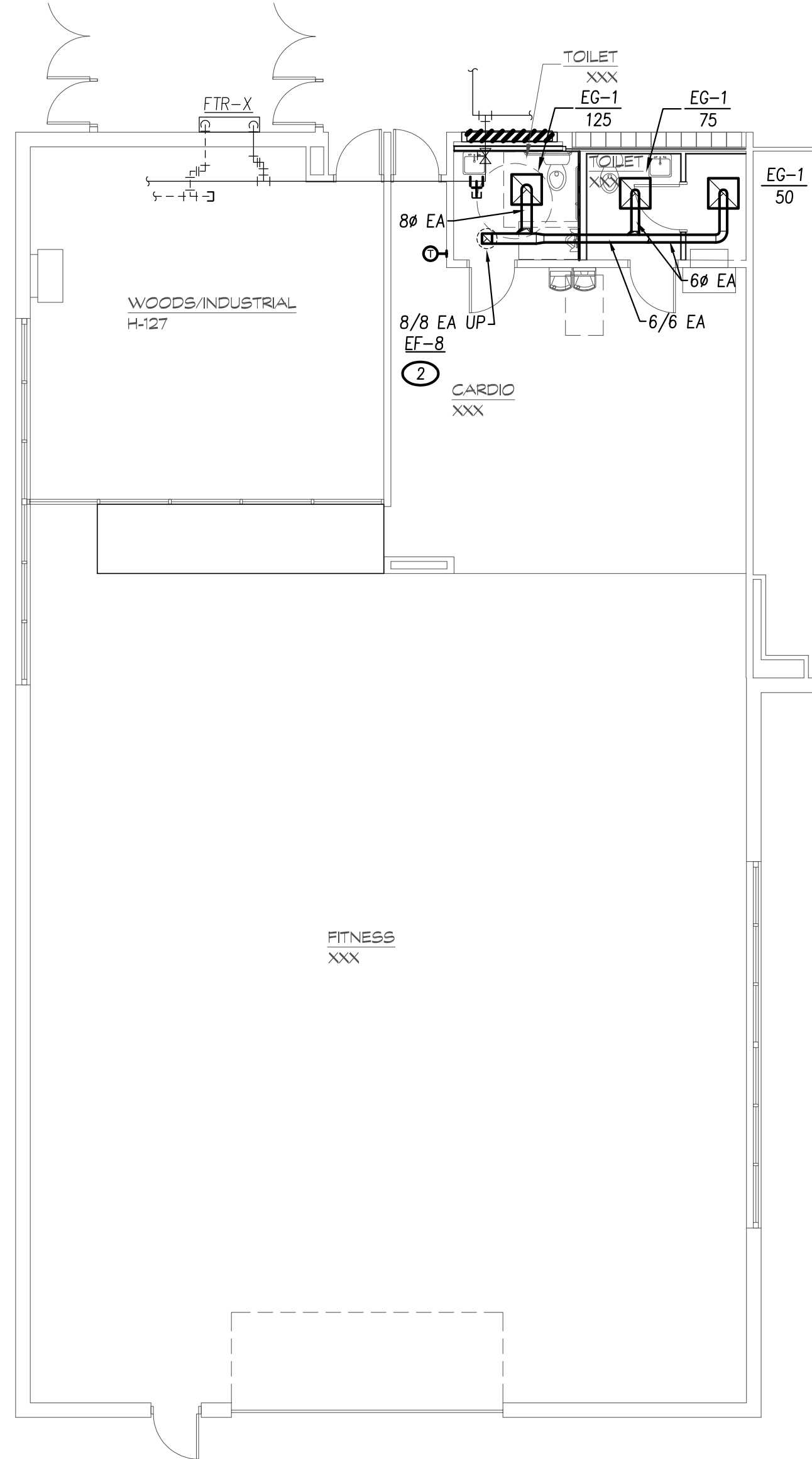
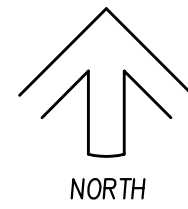
Sheet title:
FLOOR PLAN - AREA E -
PLUMBING

proj. no.: 10478
date: 04/21/23
drawn: BKB
checked: JPH
approved: AEC
sheet no.:

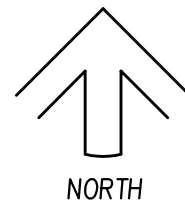
P113



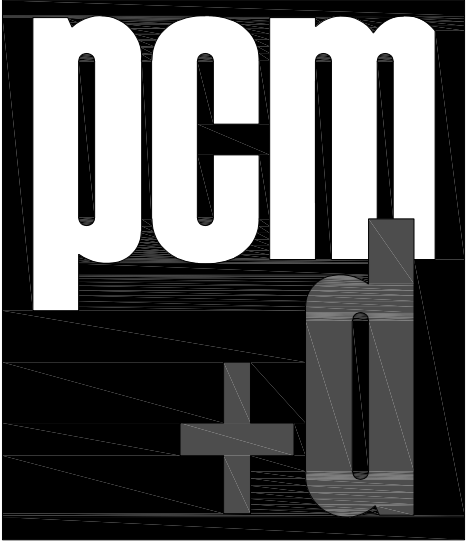
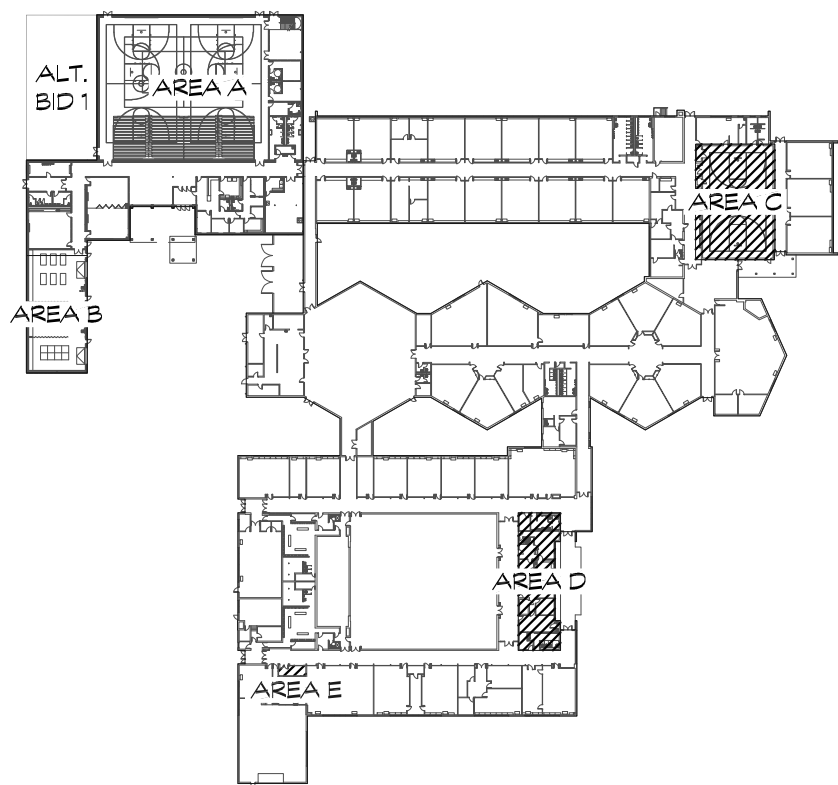
1 DEMOLITION FLOOR PLAN - MECHANICAL
SCALE: 1/8" = 1'-0"



2 FLOOR PLAN - MECHANICAL
SCALE: 1/8" = 1'-0"



- MECHANICAL KEYED NOTES (THIS SHEET):
- 1 PROVIDE ALL MATERIALS AND LABOR TO DEMOLISH FINNED TUBE HEATING SYSTEM AND ALL ASSOCIATED PIPING AND PIPING ENCLOSURES. CAP PIPING BACK AT MAIN.
 - 2 FURNISH AND INSTALL NEW EXHAUST FAN PER MANUFACTURER'S INSTALLATION INSTRUCTIONS. REFER TO 1/M401.
 - 3 RELOCATE EXISTING THERMOSTAT AND PNEUMATIC CONTROLS.
 - 4 EXISTING MECHANICAL UNIT AND ASSOCIATED DUCK WORK TO REMAIN.



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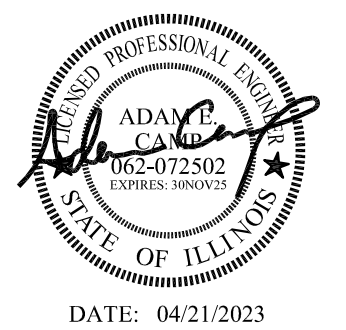


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VAV TERMINAL UNIT SCHEDULE																			
UNIT	DESIGN BASIS		PRIMARY INLET	DESIGN COOLING AIRFLOW	MINIMUM COOLING AIRFLOW	APD @ COOLING AIRFLOW	COOLING INLET VELOCITY	HEATING AIRFLOW	PRIMARY EDB	COIL HEATING CAPACITY	ELECTRIC HEATER KILOWATT	UNIT LAT	DISCHARGE VALVE	RADIATED VALVE	VOLTS/ PHASE	MCA	MOCP	REMARKS	
TAG	MAKE	MODEL	(IN)	(CFM)	(CFM)	(IN W.C.)	(FPM)	(CFM)	(DEG F)	(MBH)	(KW)	(DEG F)	(NC)	(NC)	(VOLTS)	(AMPS)	(AMPS)		
VAV-1A	TRANE	VCEF	12	1,500	450	0.04	1,910	900	55	40.98	12	96.9	22	21	480/3	18.04	20		
VAV-1B	TRANE	VCEF	12	1,500	450	0.04	1,910	1000	55	47.81	14	99.06	22	21	480/3	15.63	20		
VAV-1C	TRANE	VCEF	16	2,200	660	0.01	1,576	1300	55	58.06	17	96	20	21	480/3	11.72	15		
VAV-2A	TRANE	VCEF	8	675	200	0.06	1,934	500	55	22.2	6.5	95.92	24	20	480/3	9.77	15		
VAV-2B	TRANE	VCEF	8	400	120	0.03	1,146	210	55	10.24	3	99	16	15	480/3	19.53	20		
VAV-2C	TRANE	VCEF	6	350	105	0.11	1,783	250	55	12.85	4	95	20	15	480/3	6.01	15		
VAV-2D	TRANE	VCEF	8	475	150	0.03	1,361	325	55	15.37	4.5	95.5	17	16	480/3	11.72	15		
VAV-2E	TRANE	VCEF	8	650	195	0.06	1,862	500	55	22.2	6.5	95.9	24	19	480/3	9.77	15		
NOTES:																			
1. PROVIDE SCR CONTROL .																			
2. PROVIDE FACTORY MOUNTED DISCONNECT.																			
3. MECHANICAL CONTRACTOR TO DETERMINE LH / RH UNIT CONFIGURATION.																			

GRILLE AND DIFFUSER SCHEDULE											
MARK	DESIGN BASIS		DESCRIPTION	MODULE SIZE	NECK SIZE	AIR PATTERN	FRAME	C.F.M.	S.P. (WATER)	NOISE LEVEL (NC)	REMARKS
	MAKE	MODEL / SERIES									
CD-1	TITUS	OMNI-AA	SQUARE PLAQUE ARCHITECTURAL DIFFUSER	24" X 24"	6"	4-WAY	SEE NOTE #2	50 - 125	0.044"	13	
CD-2	TITUS	OMNI-AA	SQUARE PLAQUE ARCHITECTURAL DIFFUSER	24" X 24"	8"	4-WAY	SEE NOTE #2	126 - 250	0.055"	12	
CD-3	TITUS	OMNI-AA	SQUARE PLAQUE ARCHITECTURAL DIFFUSER	24" X 24"	10"	4-WAY	SEE NOTE #2	251 - 425	0.082"	15	
CD-4	TITUS	OMNI-AA	SQUARE PLAQUE ARCHITECTURAL DIFFUSER	24" X 24"	12"	4-WAY	SEE NOTE #2	426 - 650	0.036"	20	
CD-5	TITUS	OMNI-AA	SQUARE PLAQUE ARCHITECTURAL DIFFUSER	12" X 12"	6"	4-WAY	SEE NOTE #2	50 - 125	.044"	13	
LS-1	TITUS	ML-38	LINEAR SLOT DIFFUSER - 3/4" SLOT - 2 SLOTS	48" LENGTH	8"	180 DEG ADJ.	SEE NOTE #2	40 CFM / FT	0.032"	17	PROVIDE INSULATED PLENUM
LS-2	TITUS	ML-38	LINEAR SLOT DIFFUSER - 3/4" SLOT - 4 SLOTS	48" LENGTH	8"	180 DEG ADJ.	SEE NOTE #2	60 CFM / FT	0.032"	17	PROVIDE INSULATED PLENUM
LS-3	TITUS	ML-38	LINEAR SLOT DIFFUSER - 3/4" SLOT - 6 SLOTS	48" LENGTH	12"	180 DEG ADJ.	SEE NOTE #2	100 CFM / FT	0.032"	17	PROVIDE INSULATED PLENUM
DL-1	TITUS	SDL	DUCT MOUNTED DRUM LOUVER	24" X 8"	24" X 8"	ADJUSTABLE	SEE NOTE #2	500	0.06"	13	PROVIDE OPPOSED BLADE BALANCE DAMPER
SG-1	TITUS	S301FL	SPIRAL MOUNTED GRILLE - 3/4" BLADE SPAOCING IN LONG DIM. W/ RADIUS ENDCAPS	16" X 6"	16" X 6"	ADJUSTABLE	SEE NOTE #2	300	0.051"	19	PROVIDE ADJUSTABLE AIR SCOOP VOLUME DAMPER
SG-2	TITUS	300FL	SUPPLY GRILLE - SINGLE DEFLECTION - 3/4" BLADE SPACING	18" X 10"	18" X 10"	ADJUSTABLE	SEE NOTE #2	500	.030"	17	
SG-3	TITUS	S301FL	SPIRAL MOUNTED GRILLE - 3/4" BLADE SPACING IN LONG DIM. W/ RADIUS ENDCAPS	30" X 12"	30" X 12"	ADJUSTABLE	SEE NOTE #2	1000	.102"	21	PROVIDE ADJUSTABLE AIR SCOOP VOLUME DAMPER
EG-1 / RG-1	TITUS	PDR	PERFORATED CEILING	24" X 24"	6"	RETURN / EXHAUST	SEE NOTE #2	50 - 125	0.13"	13	
EG-2 / RG-2	TITUS	PDR	PERFORATED CEILING	24" X 24"	8"	RETURN / EXHAUST	SEE NOTE #2	126 - 250	0.17"	21	
EG-3 / RG-3	TITUS	PDR	PERFORATED CEILING	24" X 24"	10"	RETURN / EXHAUST	SEE NOTE #2	251 - 400	0.17"	24	
EG-4 / RG-4	TITUS	PDR	PERFORATED CEILING	24" X 24"	12"	RETURN / EXHAUST	SEE NOTE #2	401 - 650	0.12"	25	
EG-5 / RG-5	TITUS	PDR	PERFORATED CEILING	12" X 12"	6"	RETURN / EXHAUST	SEE NOTE #2	50 - 125	0.13"	13	
RG-6	TITUS	33RS	HEAVY DUTY RETURN GRILLE - 1/2" BLADE SPAOCING	48" X 48"	48" X 48"	RETURN	SEE NOTE #2	6000	0.04"	24	
RG-7	TITUS	350RL	RETURN GRILLE - 3/4" HORIZONTAL BLADE SPACING	48" X 24"	48" X 24"	RETURN	SEE NOTE #2	4500	0.022"	26	
RG-8	TITUS	350RL	RETURN GRILLE - 3/4" HORIZONTAL BLADE SPACING	12" X 12"	12" X 12"	RETURN	SEE NOTE #2	500	.03"	17	
RG-9	TITUS	33RL	HEAVY DUTY RETURN GRILLE - 1/2" BLADE SPACING	12" X 12"	12" X 12"	RETURN	SEE NOTE #2	500	0.16"	23	
RG-10	TITUS	350RL	RETURN GRILLE - 3/4" HORIZONTAL BLADE SPACING	22" X 22"	22" X 22"	RETURN	SEE NOTE #2	1750	.023"	20	
RG-11	TITUS	350RL	RETURN GRILLE - 3/4" HORIZONTAL BLADE SPACING	18" X 10"	18" X 10"	RETURN	SEE NOTE #2	500	.023"	20	
NOTES:											
1. ALL SUPPLY GRILLES AND DIFFUSERS SHALL BE CONSTRUCTED OF ALUMINUM UNLESS OTHERWISE NOTED.											
2. COORDINATE DIFFUSER FRAME TYPE TO ENSURE COMPATIBILITY WITH CEILING AND/OR WALL TYPE, SEE ARCHITECTURAL SHEETS FOR ADDITIONAL INFORMATION.											

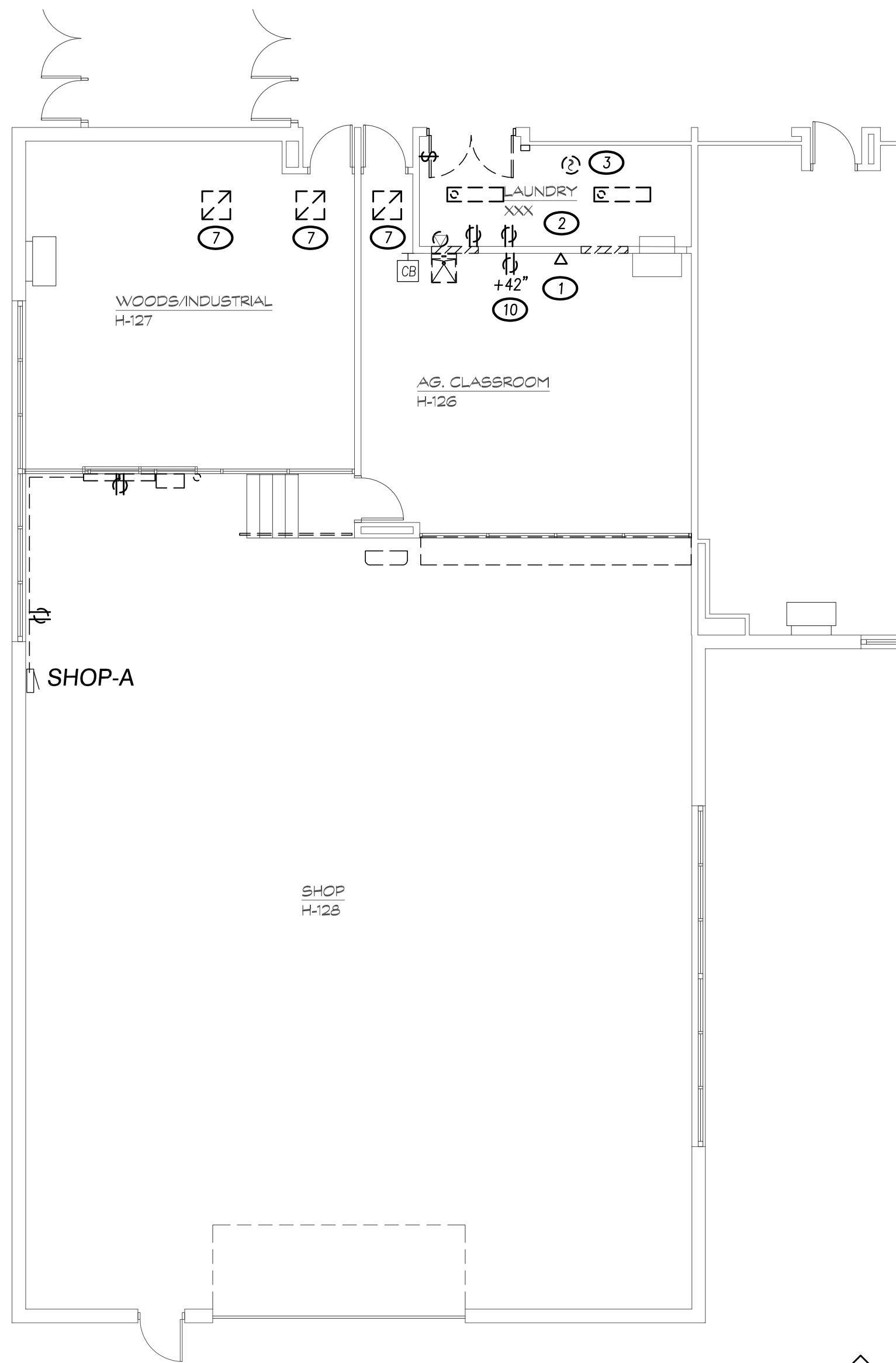
UNIT HEATER SCHEDULE												
MARK	DESIGN BASIS		LOCATION	DESCRIPTION	DESIGN AIRFLOW CFM	EXTERNAL STATIC (IN. W.C.)	HEAT OUTPUT		ELECTRICAL			REMARKS
	MAKE	MODEL / SERIES					KW	BTUH	MCA (A)	VOLTS	PHASE	
CUH-1	QMARK	CU945	VEST – B100	HORIZONTAL CONCEALED ELECTRIC CABINET UNIT HEATER	500	0.2	10.0	34,130	13	480	3	SEE NOTES 1, 2
CUH-2	QMARK	CU945	VEST – C107	HORIZONTAL CONCEALED ELECTRIC CABINET UNIT HEATER	500	0.2	10.0	34,130	13	480	3	SEE NOTES 1, 2
CUH-3	QMARK	CU935	CORR. C103	HORIZONTAL RECESSED ELECTRIC CABINET UNIT HEATER	250	0.0	5.0	17,060	15	208	3	SEE NOTES 1, 2
CUH-4	QMARK	CU935	VEST – 350	VERTICAL CABINET ELECTRIC CABINET UNIT HEATER	250	0.0	3.0	10,236	9	208	3	SEE NOTES 1, 2
UH-1	QMARK	MUH-154	MAINT. B115	HORIZONTAL WALL HUNG ELECTRIC UNIT HEATER	910	0	15	51,180	18	480	3	SEE NOTES 1, 2, 3
UH-2	QMARK	MUH-254	MEZANINE A200	HORIZONTAL WALL HUNG ELECTRIC UNIT HEATER	1,800	0	25	85,300	24	480	3	SEE NOTES 1, 2, 3
NOTES:												
1. PROVIDE FACTORY MOUNTED DISCONNECT SWITCH.												
2. PROVIDE TWO-SPEED FAN MOTOR.												
3. PROVIDE WALL MOUNTING KIT												

EXHAUST FAN SCHEDULE													
MARK	DESIGN BASIS		LOCATION	DESCRIPTION	DRIVE	PERFORMANCE		MOTOR				REMARKS	
	MAKE	MODEL				AIRFLOW (CFM)	E.S.P. (IN. H2O)	R.P.M.	HP	VOLTS	PHASE		
EF-1	GREENHECK	CUE-120-A	MEZZANINE	SIDEWALL CENTRIFUGAL EXHAUST FAN	DIRECT	1,500	0.5	1,490	1/2	120	1	NOTES: 2 & 4	
EF-2	COOK	ACED / 90C15DH	ROOF	DOWNBLAST CENTRIFUGAL EXHAUST FAN	DIRECT	200	0.5	1,252	1/8	120	1	NOTES: 1 & 2	
EF-3	COOK	ACED / 90C15DH	ROOF	DOWNBLAST CENTRIFUGAL EXHAUST FAN	DIRECT	325	0.5	1,488	1/8	120	1	NOTES: 1 & 2	
EF-4	COOK	ACED / 100C15DH	ROOF	DOWNBLAST CENTRIFUGAL EXHAUST FAN	DIRECT	500	0.5	1,515	1/8	120	1	NOTES: 1 & 2	
EF-5	COOK	ACED / 90C15DH	ROOF	DOWNBLAST CENTRIFUGAL EXHAUST FAN	DIRECT	350	0.5	1,487	1/8	120	1	NOTES: 1 & 2	
EF-6	COOK	ACED / 135C15D	SMALL ENGINES	DOWNBLAST CENTRIFUGAL EXHAUST FAN	DIRECT	1,750	0.5	1,376	1/2	120	1	NOTES: 1 & 2	
EF-7	HOLCOMBER	BI-180 / 180CP6	MECHANICAL ROOM	ROOF MOUNTED DOWNBLAST FAN	DIRECT	1,800	0.5	1,425	1/2	480	3	NOTES: 1 & 2	
EF-8	COOK	ACED / 90C15DH	ROOF	DOWNBLAST CENTRIFUGAL EXHAUST FAN	DIRECT	250	0.5	1,488	1/8	120	1	NOTES: 1 & 2	
NOTES:													
1. PROVIDE INSULATED ROOF CURB AND MOTORIZED DAMPER													
2. PROVIDE FACTORY MOUNTED DISCONNECT SWITCH AND FAN SPEED CONTROLLER													
3. PROVIDE FACTORY VFD FOR SPEED CONTROL.													
4. PROVIDE MANUFACTURERS SIDEWALL MOUNTING KIT.													

DUST COLLECTOR SCHEDULE													
MARK	DESIGN BASIS		DESCRIPTION	FILTER				UNIT ELECTRICAL DATA			UNIT WEIGHT (LBS)	REMARKS	
	MAKE	MODEL		TYPE / QTY	INLET DIAMETER	FILTER AREA	CFM	SHAKER MOTOR	UNIT MOTOR	VOLTS			PHASE
DC-1	DONALDSON	UMA-750	SHOP DUST COLLECTOR	BAG / 1	13.6 IEER	753 SQ FT	4,500	3/4 HP	25 HP	480	3	3025	SEE NOTES
NOTES:													
1. PROVIDE BOSS WIGFLAP INLET AND OUTLET EXPLOSION VALVES													
2. PROVIDE FACTORY SEALED DRUM KIT / 55 GAL DRUM													
3. PROVIDE REMOTE PUSH BUTTON START/STOP/CLEAN CONTROLS AND PANEL FOR INTERIOR MOUNTING.													

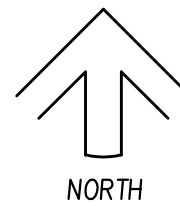
GRAVITY RELIEF VENT SCHEDULE								
MARK	DESIGN BASIS		LOCATION	DESCRIPTION	INTAKE VS RELIEF	PERFORMANCE		REMARKS
	MAKE	MODEL				AIRFLOW (CFM)	SP ("W.C.)	
GRV-1	COOK	GI - 36X24	MEZZANINE	GRAVITY VENTILATOR	INTAKE	-	-	NOTES: 1 & 2
GRV-140E	COOK	12 TR	ALL-PURPOSE 140E	GRAVITY VENTILATOR - ALTERNATE BID	RELIEF	300	.05"	NOTES: 1 & 2
GRV-140F	COOK	12 TR	STEM 140F	GRAVITY VENTILATOR - ALTERNATE BID	RELIEF	300	.05"	NOTES: 1 & 2
NOTES:								
1. PROVIDED INSULATED ROOF CURB, MOTORIZED DAMPER AND BIRDSCREEN								

ELECTRIC CANOPY UNIT HEATER SCHEDULE									
MARK	DESIGN BASIS		LOCATION	DESCRIPTION	OUTPUT (KW)	MCA / MOCP (A)			REMARKS
	MAKE	MODEL / SERIES					VOLTS	PHASE	
EUH-1	SOLAIRA	SICRH360240	CANOPY	RECESSED ELECTRIC RADIANT HEATER	6.0	22 / 30	277	1	SEE NOTES
EUH-2	SOLAIRA	SICRH360240	CANOPY	RECESSED ELECTRIC RADIANT HEATER	6.0	22 / 30	277	1	SEE NOTES
EUH-3	SOLAIRA	SICRH360240	CANOPY	RECESSED ELECTRIC RADIANT HEATER	6.0	22 / 30	277	1	SEE NOTES
NOTES:									
1. PROVIDE SOLAIRA ICR SERIES FLUSH / RECESS TRIM KIT FOR H3 MODEL UNITS									
2. GENERAL CONTRACTOR TO PROVIDE 1-HOUR RATED ENCLOSURE BOX. COORDINATE LOCATION WITH MECHANICAL CONTRACTOR. SEE MANUFACTURERS INSTALL INSTRUCTIONS FOR SIZE.									
3. HEATERS SHALL BE WATERPROOF, 1050 GRADE ALUMINUM W/ HIGH-GRADE POLYESTER POWDER COATING. ALL MOUNTING COMPONENTS/THREADED HARDWARE TO BE STAINLESS STEEL.									
4. PROVIDE SOLAIRA – PASCOR CONTROL PANEL TO DISTRIBUTE POWER/CONTROL ALL 3 HEATERS. BREAKERS AND ALL NECESSARY COMPONENTS TO BE INCLUDED TO PROVIDE COMPLETE INSTALL.									
5. UNITS TO BE CONTROLLED BY REMOTE OUTDOOR DIAL. PROVIDE TIMER IN CONTROL PANEL FOR POWER SHUTOFF.									



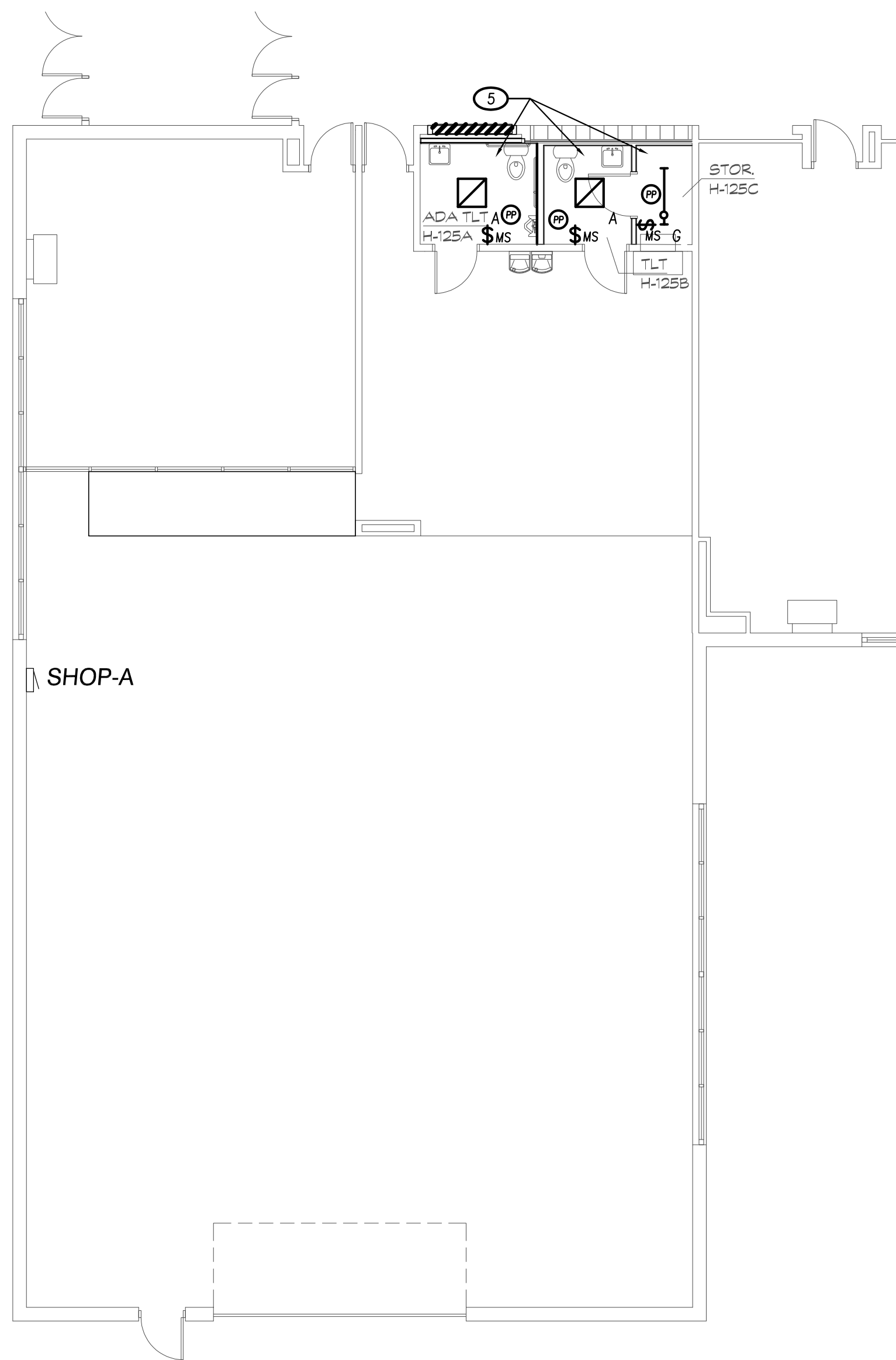
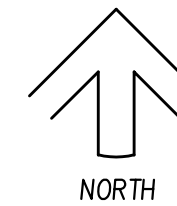
1 FLOOR PLAN - AREA E - ELECTRICAL DEMOLITION

SCALE: 1/8" = 1'-0"



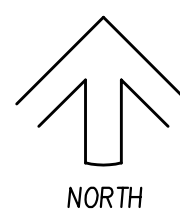
2 FLOOR PLAN - AREA E - ELECTRICAL POWER & SYSTEMS

SCALE: 1/8" = 1'-0"



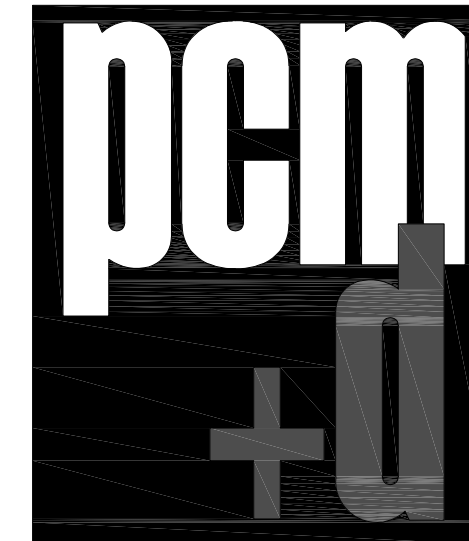
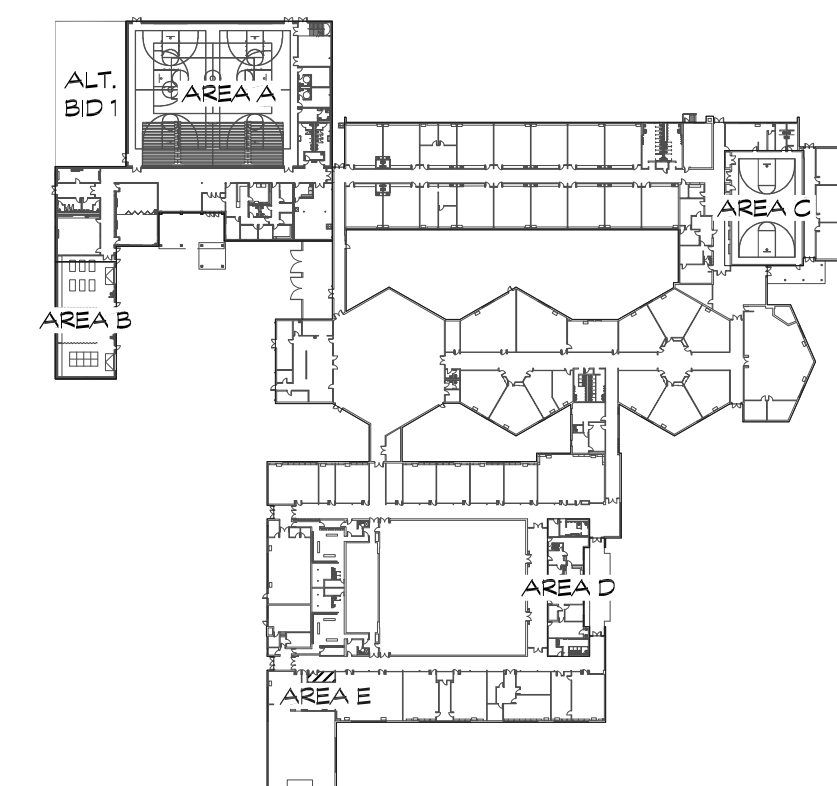
3 FLOOR PLAN - AREA E - ELECTRICAL LIGHTING

SCALE: 1/8" = 1'-0"



ELECTRICAL KEYED NOTES (THIS SHEET):

- 1 COMPLETELY DEMOLISH EXISTING DATA. REMOVE ALL CABLING AND ASSOCIATED SUPPORTS, RACEWAY, ETC. BACK TO ACTIVE SOURCE.
- 2 COMPLETELY DEMOLISH EXISTING LIGHTING. EXISTING CIRCUITRY IS TO SERVE NEW LIGHTING.
- 3 REMOVE AND DEMOLISH EXISTING SMOKE DETECTOR. REINSTALL SMOKE DETECTOR IN NEW STORAGE ROOM. REFER TO DETAIL 2 ON SHEET E113 FOR FURTHER INFORMATION.
- 4 REINSTALL PREVIOUSLY REMOVED SMOKE DETECTOR. ALL WIRING SHALL BE EXTENDED AS REQUIRED TO RECONNECT EXISTING DEVICE IN NEW LOCATION.
- 5 FURNISH AND INSTALL NEW LIGHTING. CONNECT NEW LIGHTING EXISTING CIRCUITRY. EXTEND 2#12 & 1#12G IN 3/4" CONDUIT TO NEW LIGHTING.
- 6 FURNISH AND INSTALL EQUIPMENT CONNECTION TO NEW EXHAUST FAN. COORDINATE ALL REQUIREMENTS WITH MECHANICAL CONTRACTOR PRIOR TO INSTALLATION.
- 7 REMOVE AND REINSTALL LIGHTING TO ALLOW FOR ABOVE CEILING WORK BY OTHER TRADES. ALL DAMAGED CEILING TILES SHALL BE REPLACED.
- 8 FURNISH AND INSTALL NEW BREAKERS AS REQUIRED TO SERVE NEW LOADS. NEW BREAKERS SHALL MATCH EXISTING TYPE AND RATING. EXISTING PANEL IS A SQUARE D NOOB PANEL. EXISTING BREAKERS HAVE A 10KA RATING. SPARE BREAKERS FROM OWNER REMOVED SHOP EQUIPMENT SHALL BE REPLACED WITH NEW SINGLE POLE, 20-AMPERE BREAKER TO SERVE NEW LOADS.
- 9 COORDINATE FLUSH VALVE AND ASSOCIATED JUNCTION BOX LOCATIONS WITH PLUMBING CONTRACTOR PRIOR TO ROUGH-IN. URINAL AND SINKS ARE HARDWIRED CONNECTIONS. ALL WORK SHALL BE COORDINATE WITH ALL TRADES PRIOR TO BID.
- 10 REMOVE AND DEMOLISH EXISTING RECEPTACLE. FURNISH AND INSTALL A STAINLESS STEEL COVER PLATE OVER EXISTING BACK BOX.



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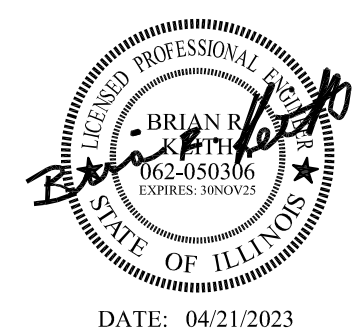
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Sheet title:
FLOOR PLAN - AREA E -
ELECTRICAL

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