

ROCKDALE COUNTY BOARD OF COMMISSIONERS

FIRE STATION #5 RENOVATION

2100 WEST HIGHTOWER TRAIL
 CONYERS, GA 30012

**SAFE BUILT
 REVIEWED FOR CODE
 COMPLIANCE**

These drawings were reviewed under the applicable laws in effect at the time of submittal. Reasonable effort was exercised in checking for code compliance. The stamping of these documents shall not be construed to be a permit for, or an approval of any violation of state and/or local codes, ordinances, or amendments thereto
 Reviewer: B Gardiner
 01/05/2024

PROJECT INFORMATION

SCOPE OF WORK = INTERIOR RENOVATION & ADDITION
 OCCUPANCY CLASSIFICATION = R2 / S1
 TYPE OF CONSTRUCTION IN SCOPE OF WORK = VB
 SPRINKLED = NO
 TOTAL BUILDING AREA = 3,954 SF - R2 (2,034 SF) S1 (1,920 SF)
 NUMBER OF STORES = 1
 OCCUPANT LOAD = 20

CODE REFERENCE

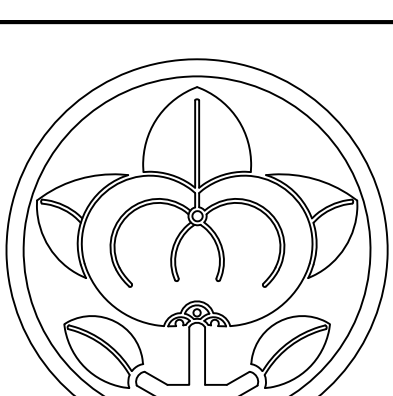
THE GEORGIA STATE MINIMUM STANDARD CODES:
 - INTERNATIONAL BUILDING CODE, 2018 EDITION WITH 2020, 2022, & 2023 GEORGIA AMENDMENTS
 - INTERNATIONAL MECHANICAL CODE, 2018 EDITION WITH 2020 GEORGIA AMENDMENTS
 - INTERNATIONAL PLUMBING CODE, 2018 EDITION WITH 2020, 2022 & 2023 GEORGIA AMENDMENTS
 - INTERNATIONAL FUEL GAS CODE, 2018 EDITION WITH 2020 & 2022 GEORGIA AMENDMENTS
 - NFPA NATIONAL ELECTRIC CODE, 2020 EDITION
 - INTERNATIONAL ENERGY CONSERVATION CODE, 2015 EDITION WITH 2020, 2022 & 2023 GEORGIA AMENDMENTS
 NFPA-101 LIFE SAFETY CODE 2020 EDITION
 INTERNATIONAL FIRE CODE 2020 EDITION
 OCGA TITLES 25 AND 30 GEORGIA ACCESSIBILITY CODE/2010 ADA STANDARDS

PROJECT LOCATION

SHEET INDEX

CVR - COVER SHEET	A5.1 - ADA DETAILS
A0.1 - DEMOLITION PLAN	A6.1 - SCHEDULES
A1.0 - LIFE SAFETY PLAN	M1.1 - MECHANICAL PLAN
A1.1 - FLOOR PLAN	E1.1 - ELECTRICAL PLAN
A1.2 - WALL LAYOUT	P1.1 - PLUMBING PLAN
A1.3 - ENLARGED FLOORPLAN	S1.1 - FOUNDATION PLAN
A2.1 - ELEVATIONS	
A2.2 - ELEVATIONS	
A3.1 - REFLECTED CEILING PLAN	
A4.1 - BUILDING SECTION	
A4.2 - BUILDING SECTION	

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 DESIGNS

Designer: Michael Igarashi - michaeligarashi@gmail.com - 770-653-0666

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FIRE STATION #5
 2100 W HIGHTOWER TRAIL
 CONYERS, GA 30012

sheet title

COVER SHEET

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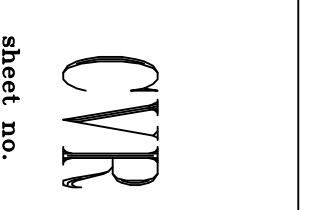
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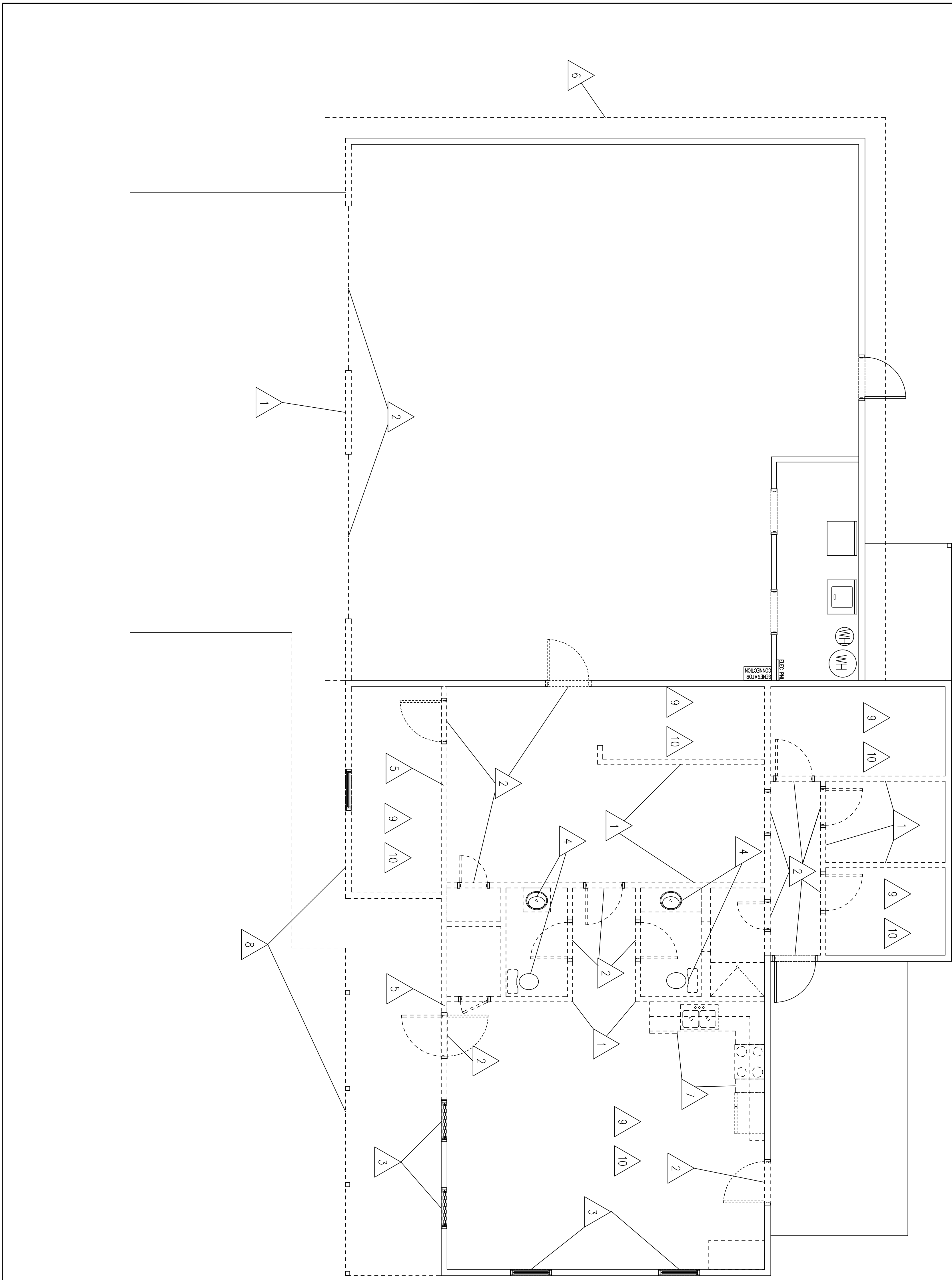
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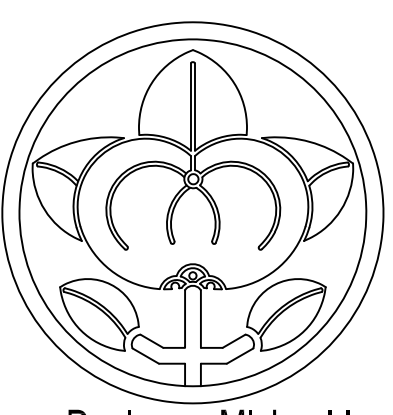




DEMOLITION NOTES:

1. REMOVE WALL, PATCH CONNECTION
2. REMOVE DOOR & FRAME
3. REMOVE WINDOW
4. REMOVE PLUMBING FIXTURE. CAP LINES BELOW FLOOR UNLESS TIED IN PER PLUMBING PLAN.
5. PROVIDE HEADER BEAM, REMOVE WALL BELOW, BRACE W/ 2X COLUMN AS SHOWN
6. REMOVE ROOF AND FRAMING ABOVE VEHICLE BAY IN ENTIRETY, BRACE EXISTING WALLS AS NEEDED
7. REMOVE CABINETS AND COUNTERTOPS, CAP PLUMBING IN WALL
8. REMOVE WALL AND PORCH BACK TO NEW BUILDING LINE, BRACE AS NEEDED
9. REMOVE DRYWALL FROM CEILING
10. REMOVE FLOOR COVERING

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



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DEMOLITION PLAN

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MVA

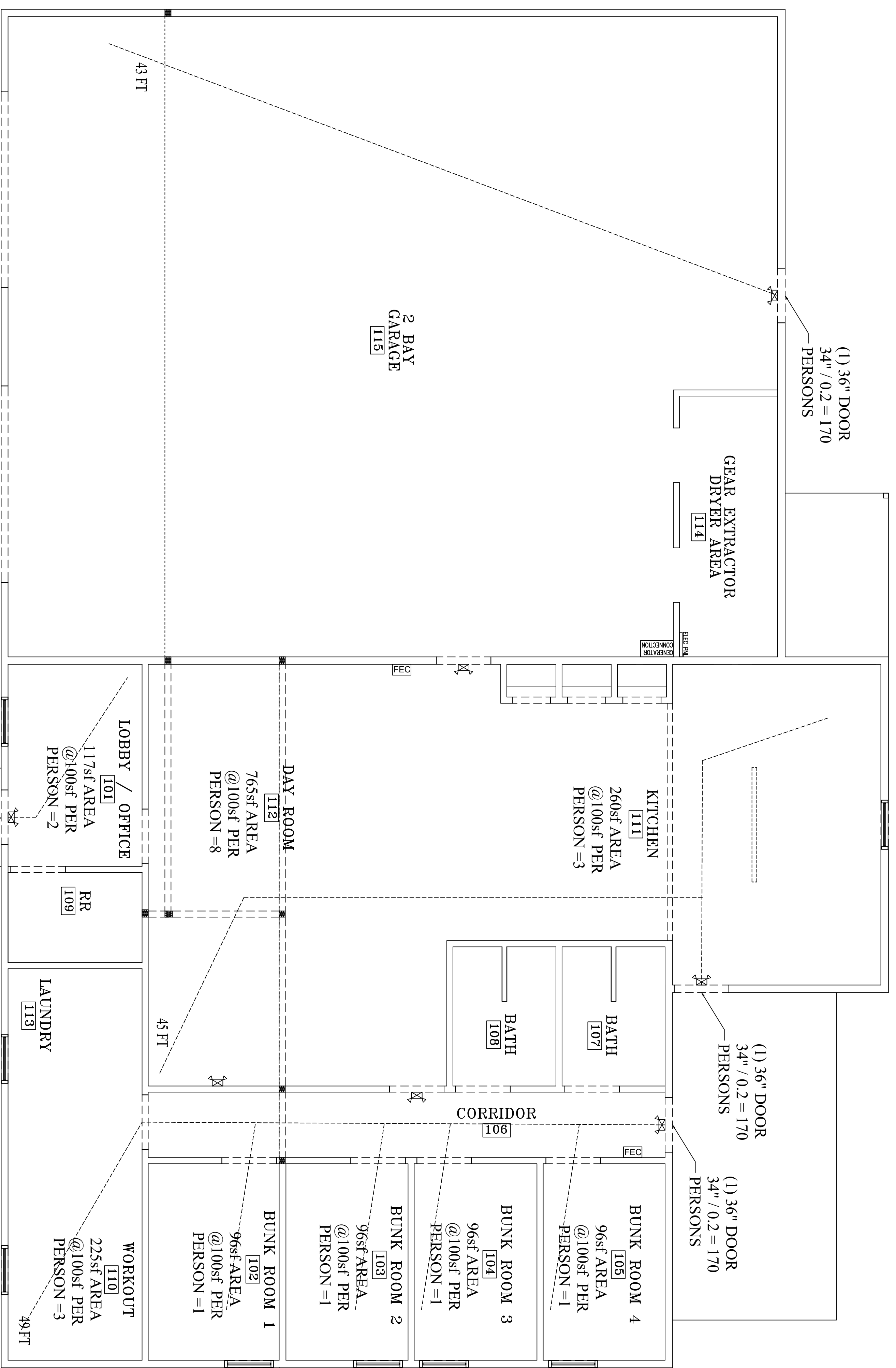
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A0.1



LIFE SAFETY DEVICES SHOWN FOR REFERENCE ONLY
 ADDITIONAL DEVICES TO BE DETERMINED BY FIRE MARSHAL IN FIELD

LIFE SAFETY CALCULATIONS

LOCATION	QTY
KITCHEN	3
DAY ROOM	8
OFFICE	2
WORKOUT	3
BUNK ROOM 1	1
BUNK ROOM 2	1
BUNK ROOM 3	1
BUNK ROOM 4	1
MAY OCCUPANCY	20

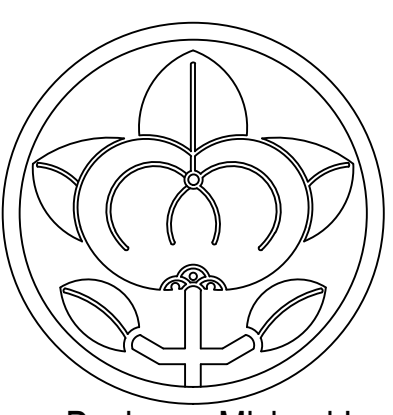
EGRESS WIDTH PROVIDED
 (3) 36" DOORS
 3 X 34" = 102" / 0.2 = 510 PERSONS
 MAX OCCUPANCY = 20 IS LESS THAN 510 PERSONS

TRAVEL DISTANCE
 UNSPRINKLED OCCUPANCY FOR STORAGE = 100 FT MAX
 LONGEST TRAVEL DISTANCE = 49 FT
 MAX TRAVEL = 49 FT IS LESS THAN 100 FT

LEGEND

	EMERGENCY FLOOD LIGHT FIXTURE
	EMERGENCY EXIT FLOOD LIGHT COMBINATION FIXTURE
	EMERGENCY EXIT FIXTURE
	FIRE EXTINGUISHER CABINET

1 LIFE SAFETY PLAN
 SCALE: 1/4" = 1'-0"



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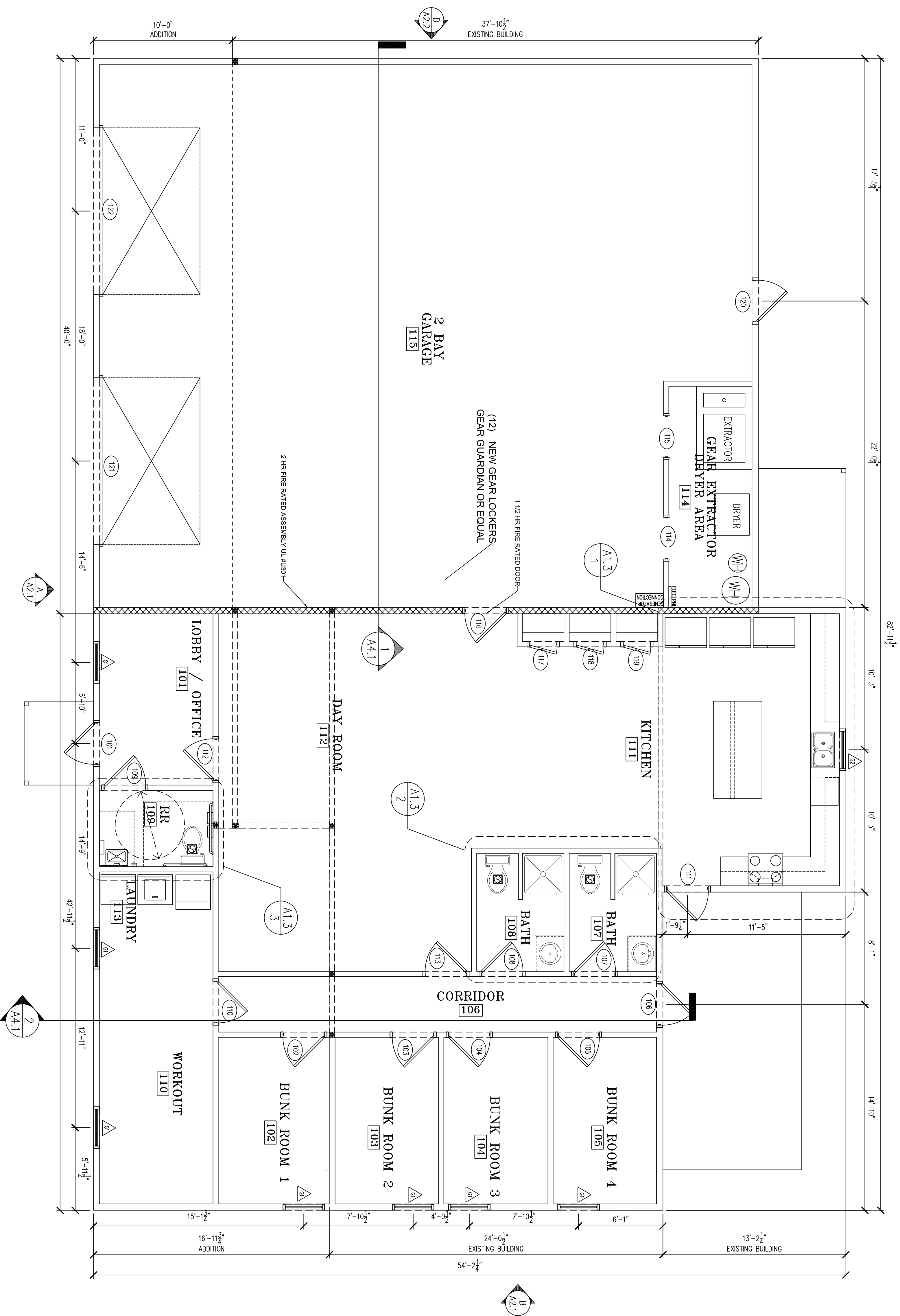
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LIFE SAFETY PLAN

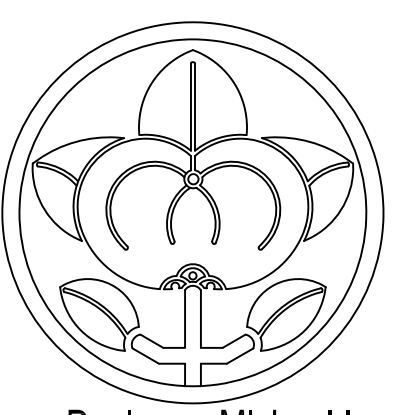
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date 10/16/2023	
sheet no.	

BUILDING CALCULATIONS			
AREA	UNHEATED	HEATED	
LIVING AREA	0	2034	
VEHICLE BAY	1920	0	
TOTAL	3954	2034	

NOTES:



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



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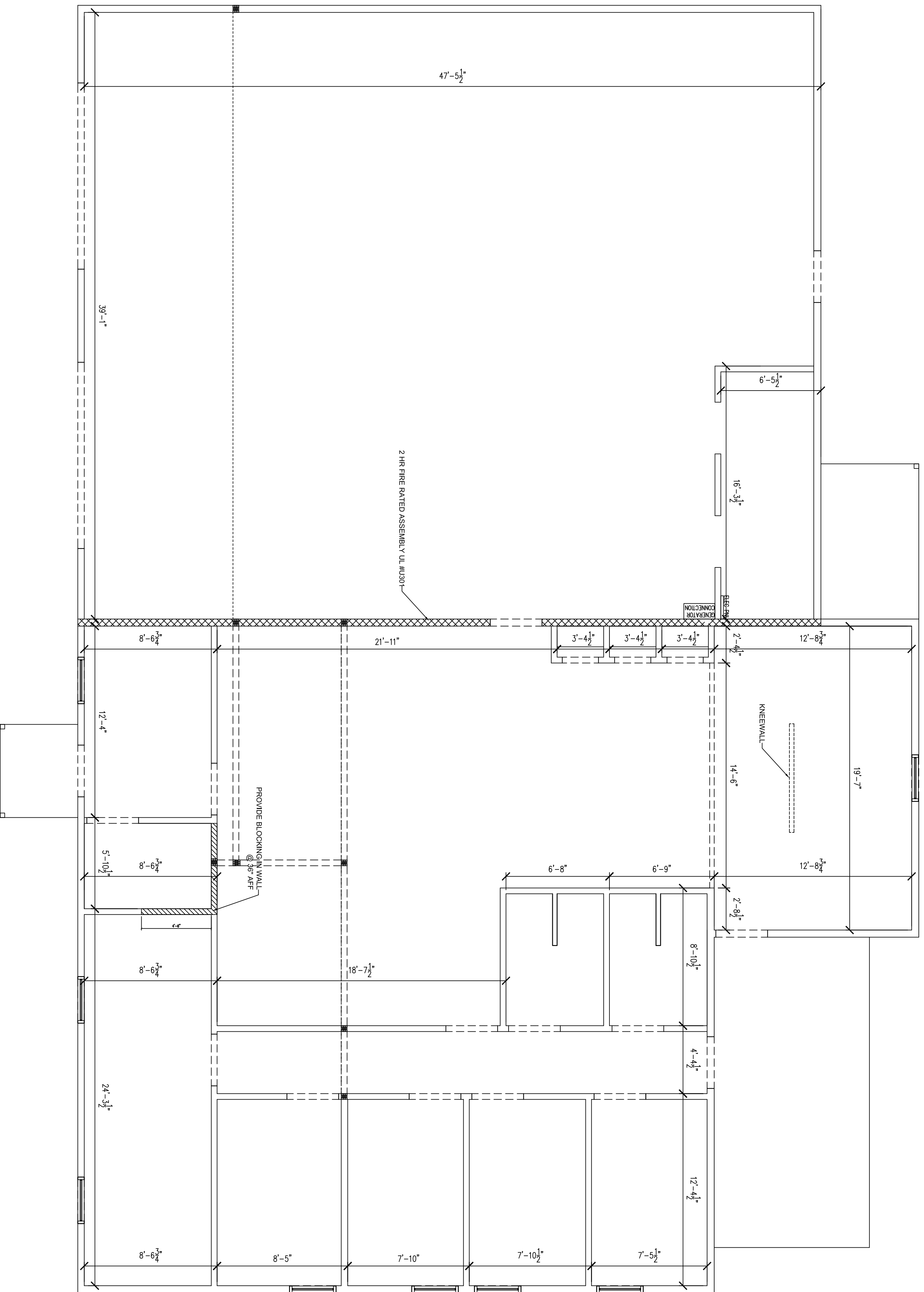
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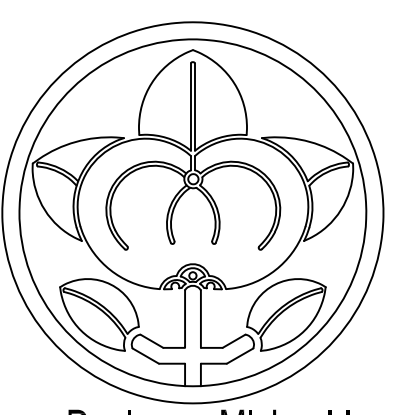
sheet title
FLOOR PLAN
NOTES

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



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FLOOR PLAN
DIMENSIONED

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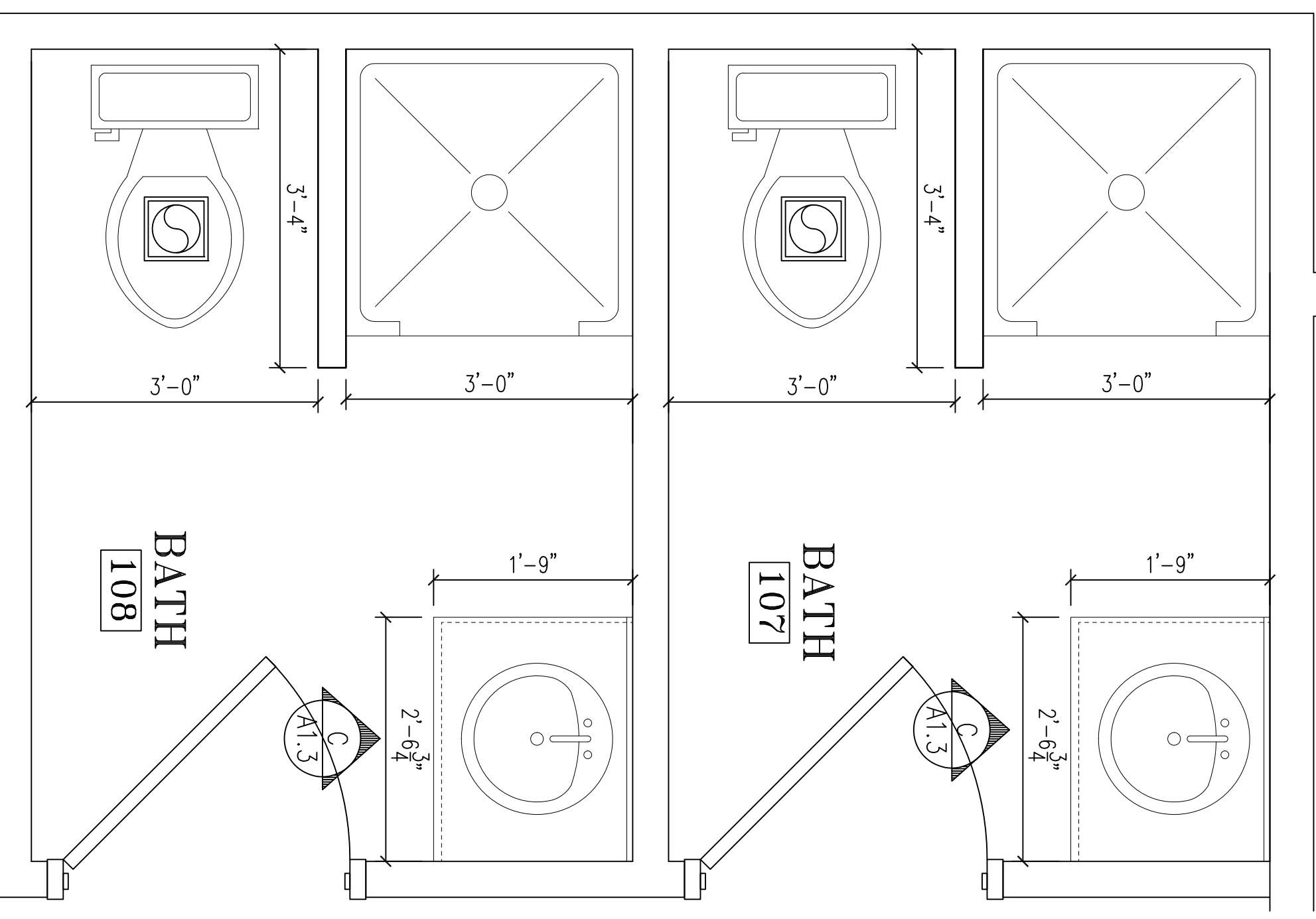
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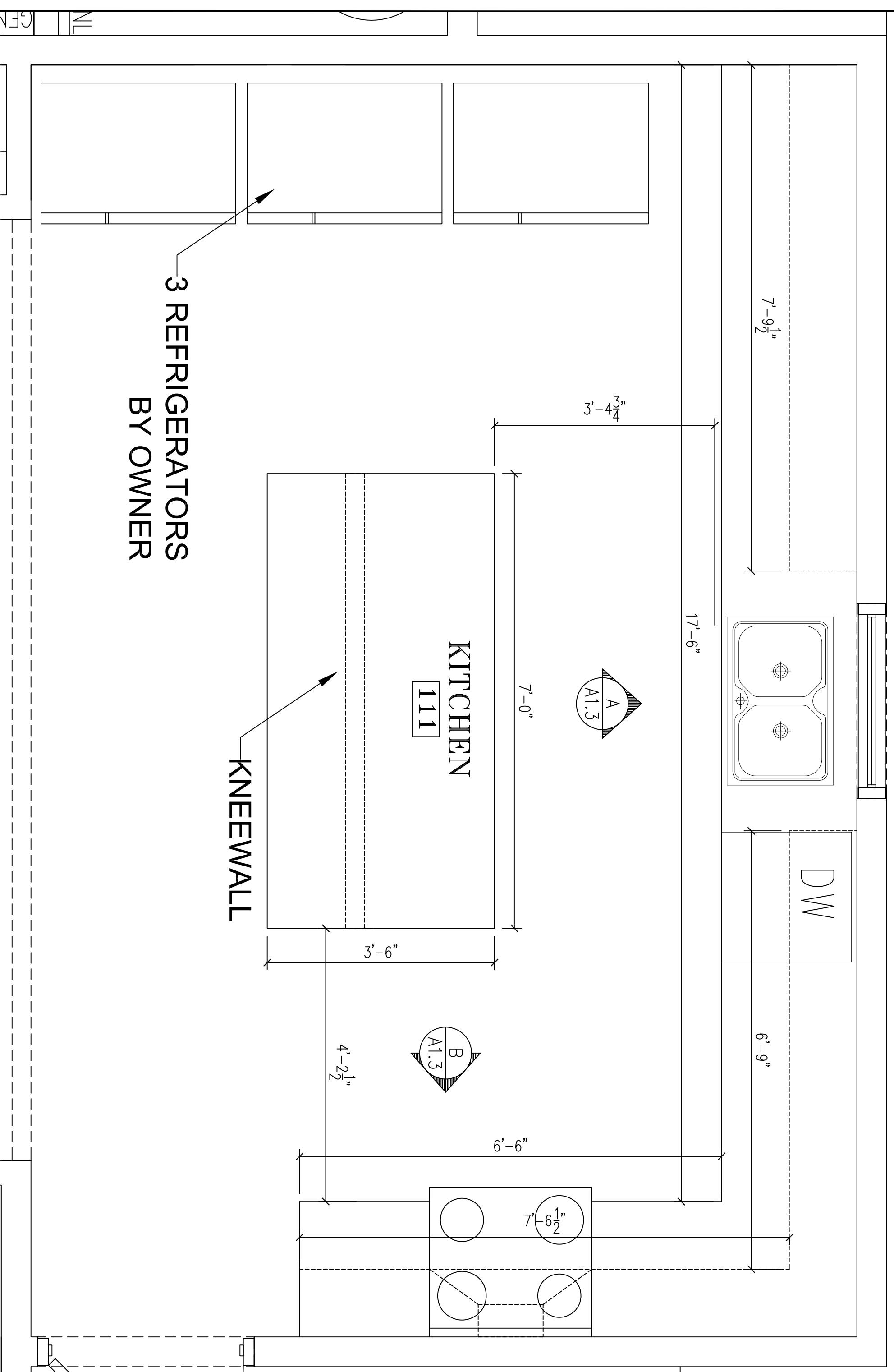
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A1.2

RESTROOM ACCESSORIES			
MARK DESCRIPTION	MANUF	MODEL	REMARKS
1 42" GRAB BAR	BOBRICK	-	-
2 36" GRAB BAR	BOBRICK	-	-
3 TOILET TISSUE DISPENSER	BOBRICK	-	-
4 SANITARY NAPKIN RECEPTACLE	BOBRICK	-	-
5 SOAP DISPENSER	BOBRICK	-	-
6 MIRROR	BOBRICK	-	-
7 ELECTRIC HAND DRYER	XCELATOR	XL-BW	-

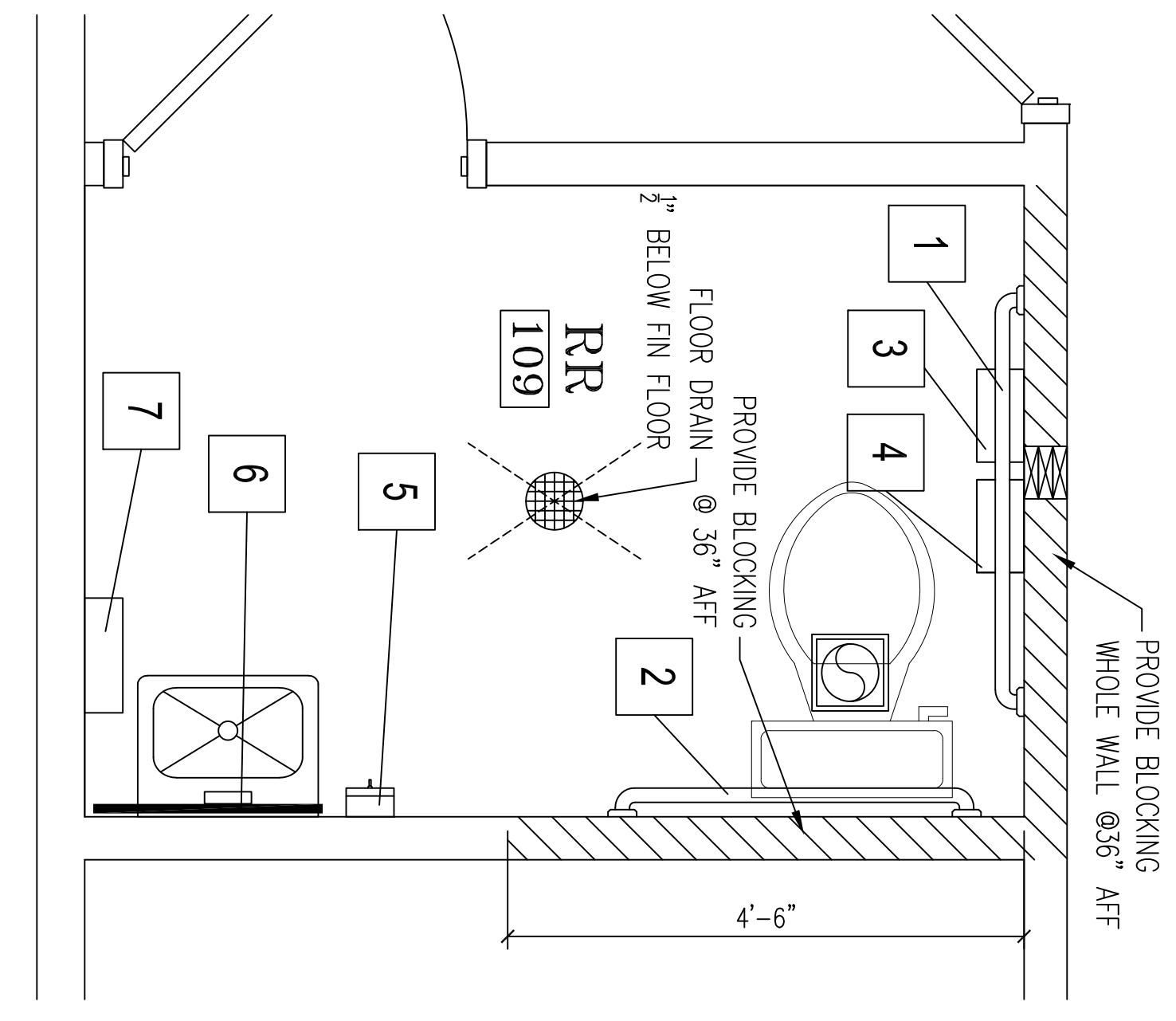
NOTES:
1. SEE ADA SHEET FOR MOUNTING HEIGHTS



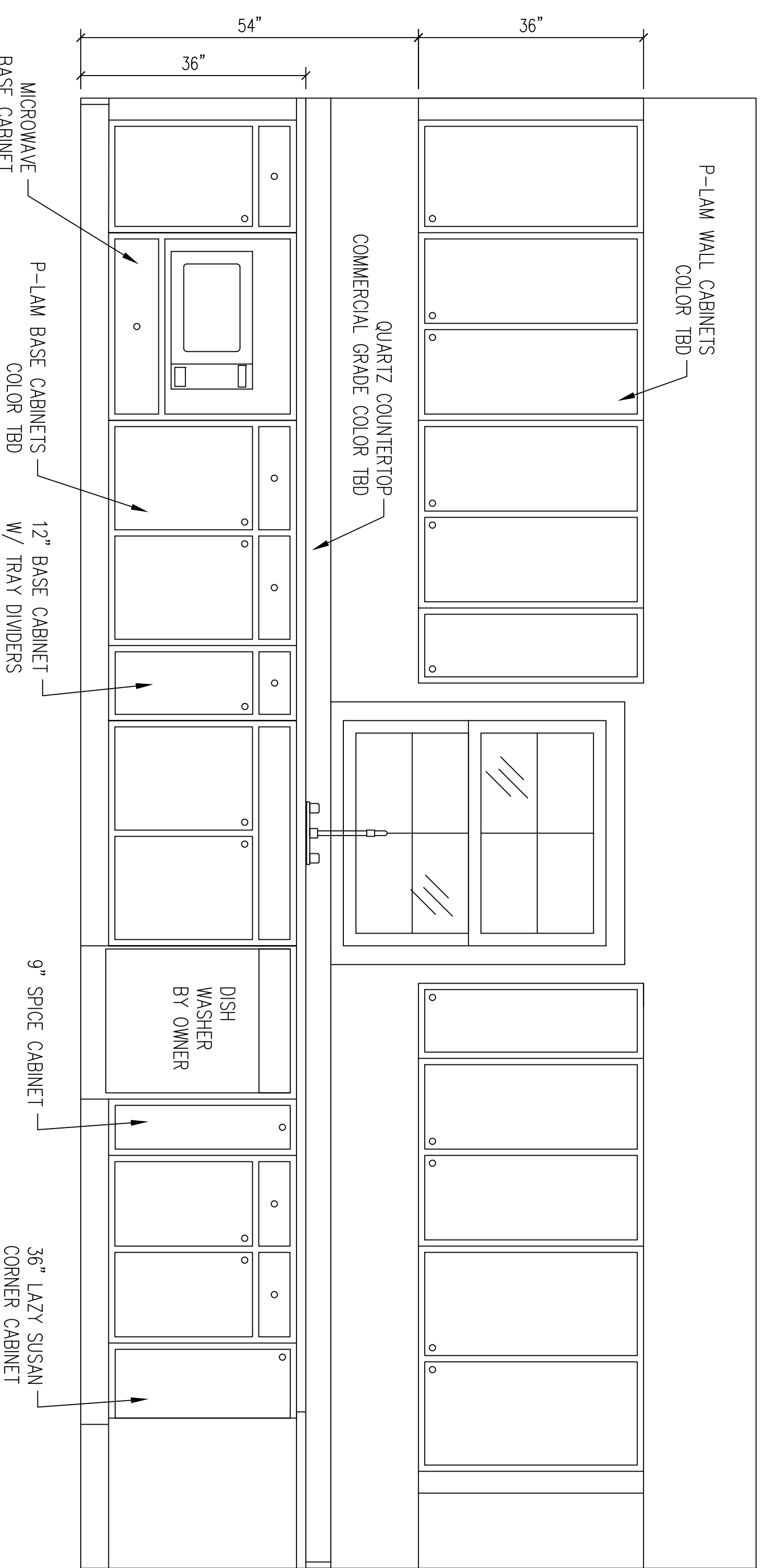
2 ENLARGED FLOORPLAN
SCALE: 3/4" = 1'-0"



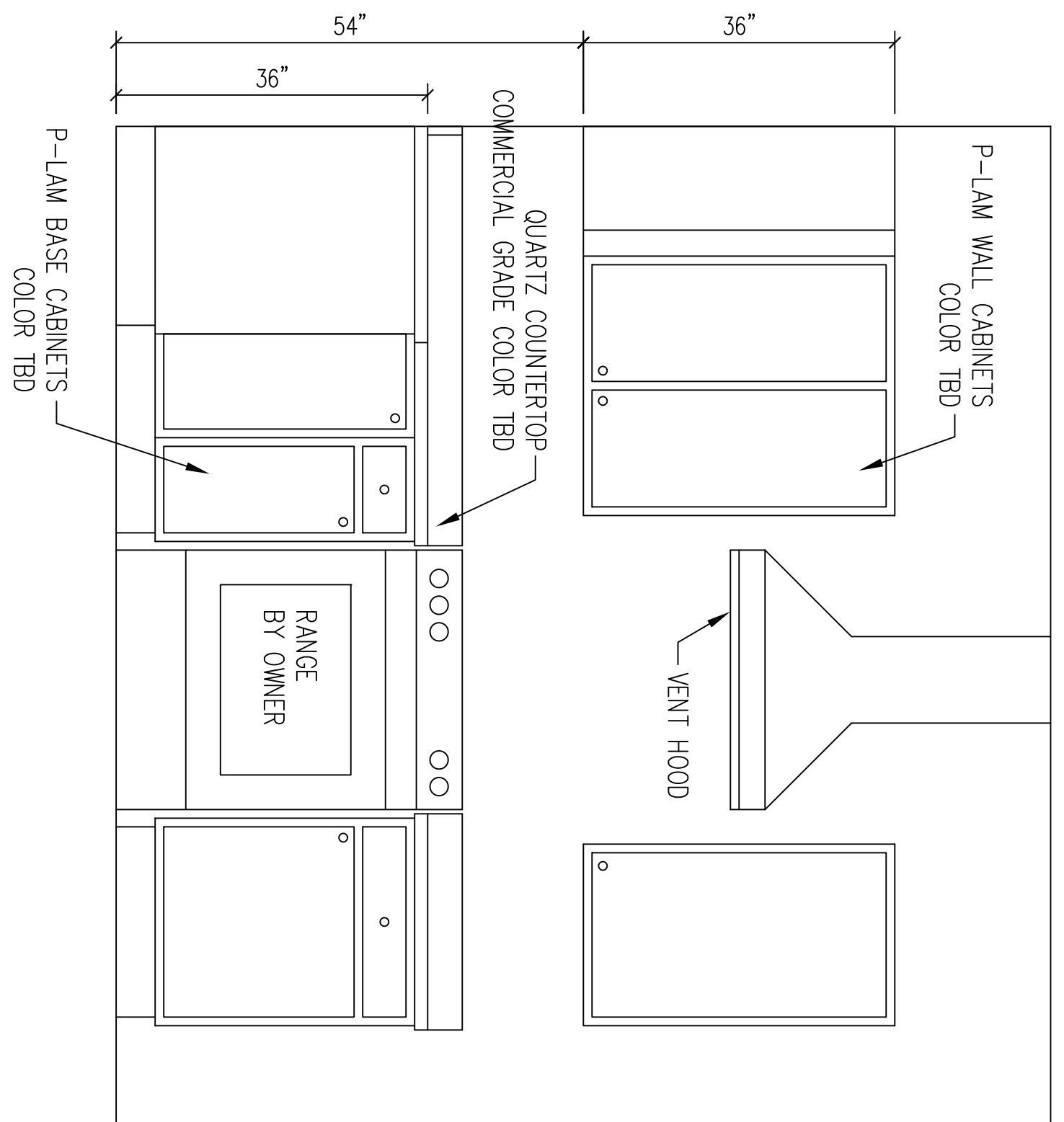
1 ENLARGED FLOORPLAN
SCALE: 3/4" = 1'-0"



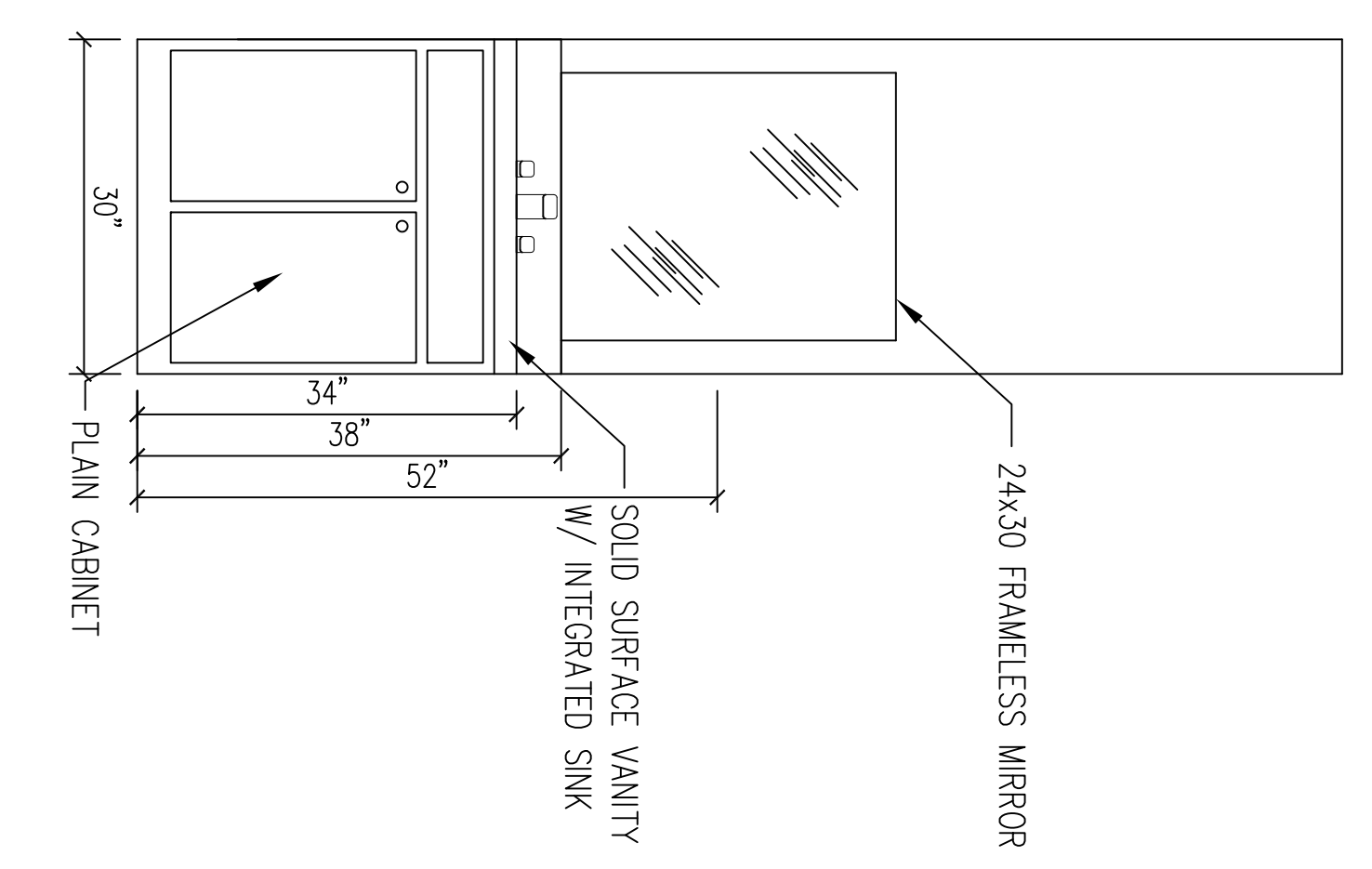
3 ENLARGED FLOORPLAN
SCALE: 3/4" = 1'-0"



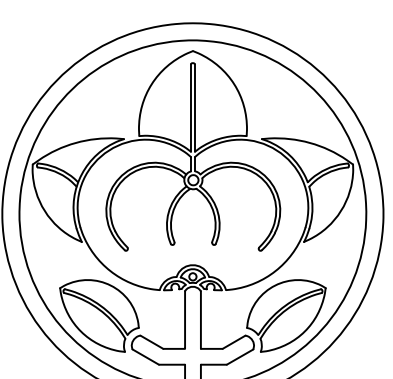
A INTERIOR ELEVATION
SCALE: 3/4" = 1'-0"



B INTERIOR ELEVATION
SCALE: 3/4" = 1'-0"



C INTERIOR ELEVATION
SCALE: 3/4" = 1'-0"



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ENLARGED FLOOR PLAN

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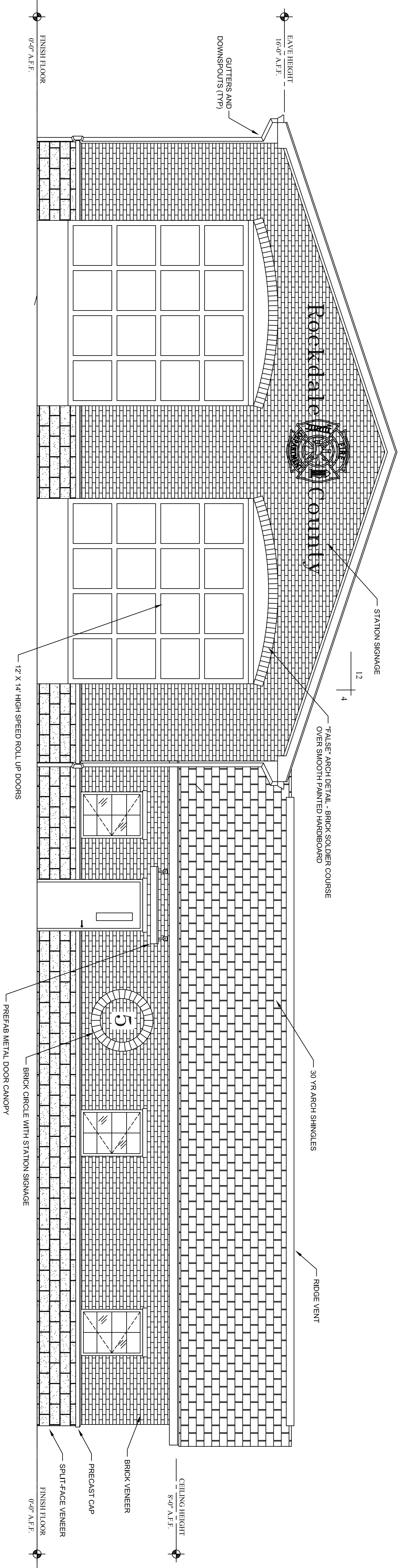
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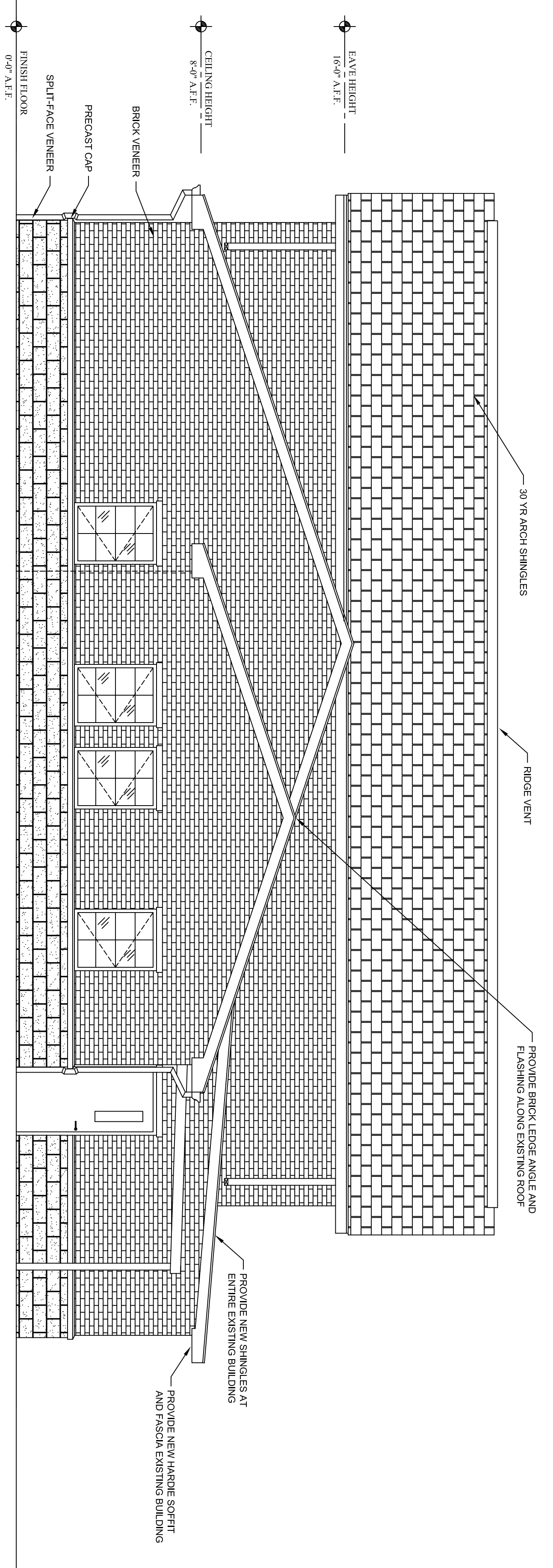
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A1.3

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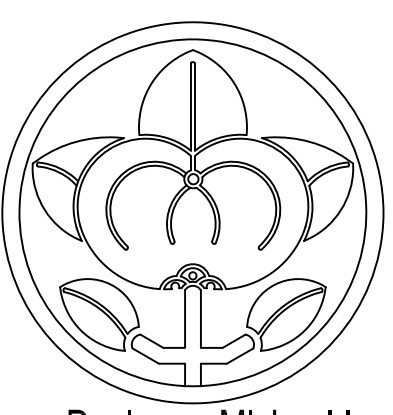


A FRONT ELEVATION
SCALE: 1/4" = 1'-0"



B RIGHT ELEVATION
SCALE: 1/4" = 1'-0"

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



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**EXTERIOR ELEVATIONS
PROPOSED DESIGN**

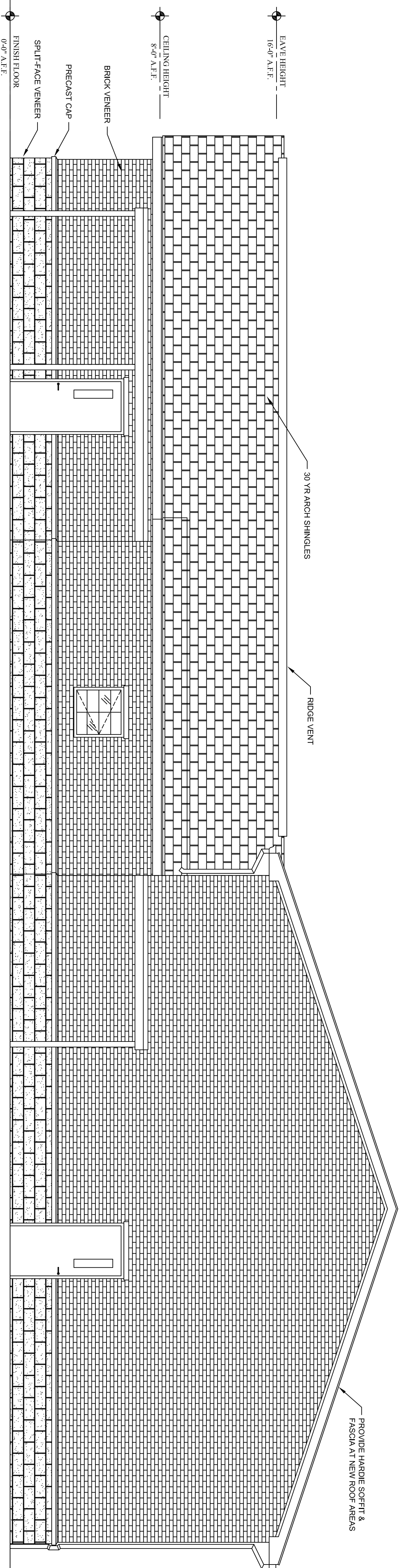
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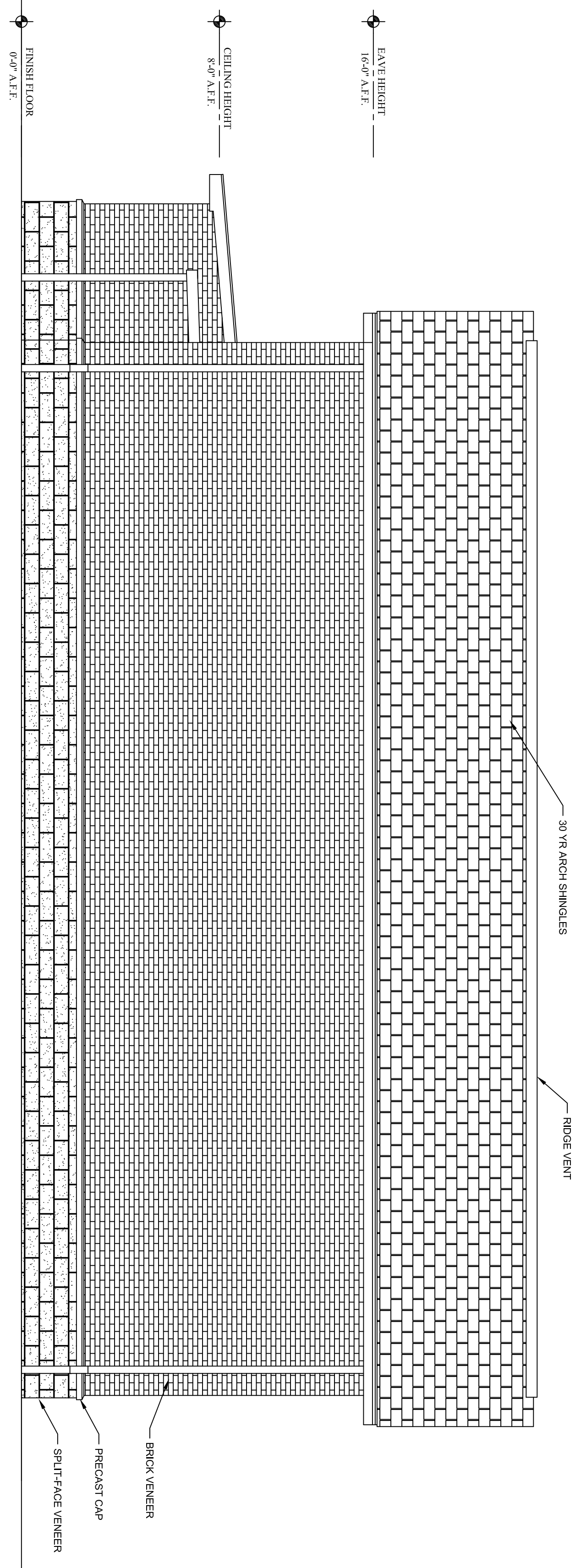
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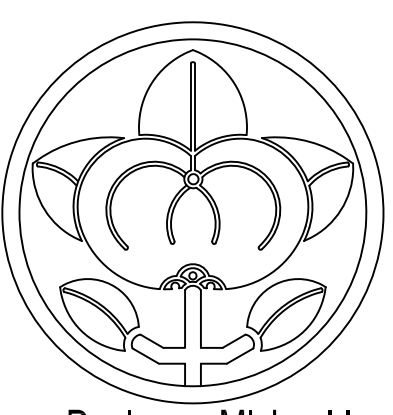
A2.1
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C REAR ELEVATION
SCALE: 1/4" = 1'-0"



D LEFT ELEVATION
SCALE: 1/4" = 1'-0"



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sheet title
**EXTERIOR ELEVATIONS
PROPOSED DESIGN**

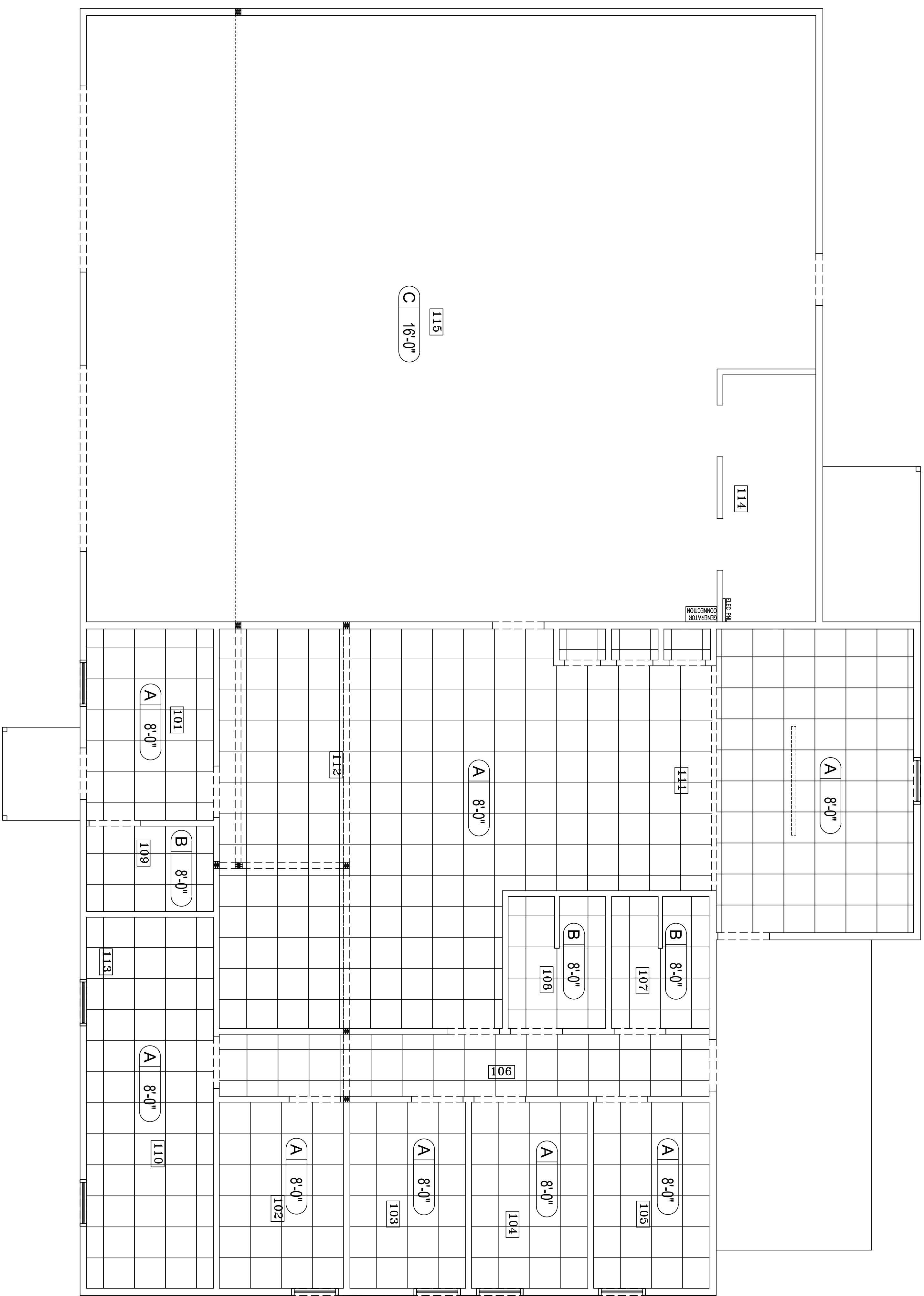
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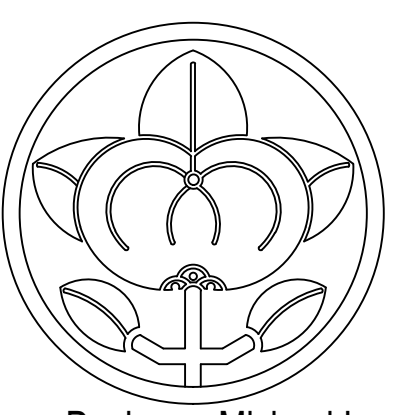


CEILING LEGEND:

MARK	DESCRIPTION	MANUF	MODEL
A	24"x24"x5/8" LAV-IN - 15/16"	ARMSTRONG	-
B	24"x24"x5/8" LAV-IN - 15/16" - WET LOCATIONS	ARMSTRONG	-
C	LINER PANELS	-	-

NOTES:
1. CEILING TILE SHALL BE AS NOTED OR AN APPROVED EQUAL.

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



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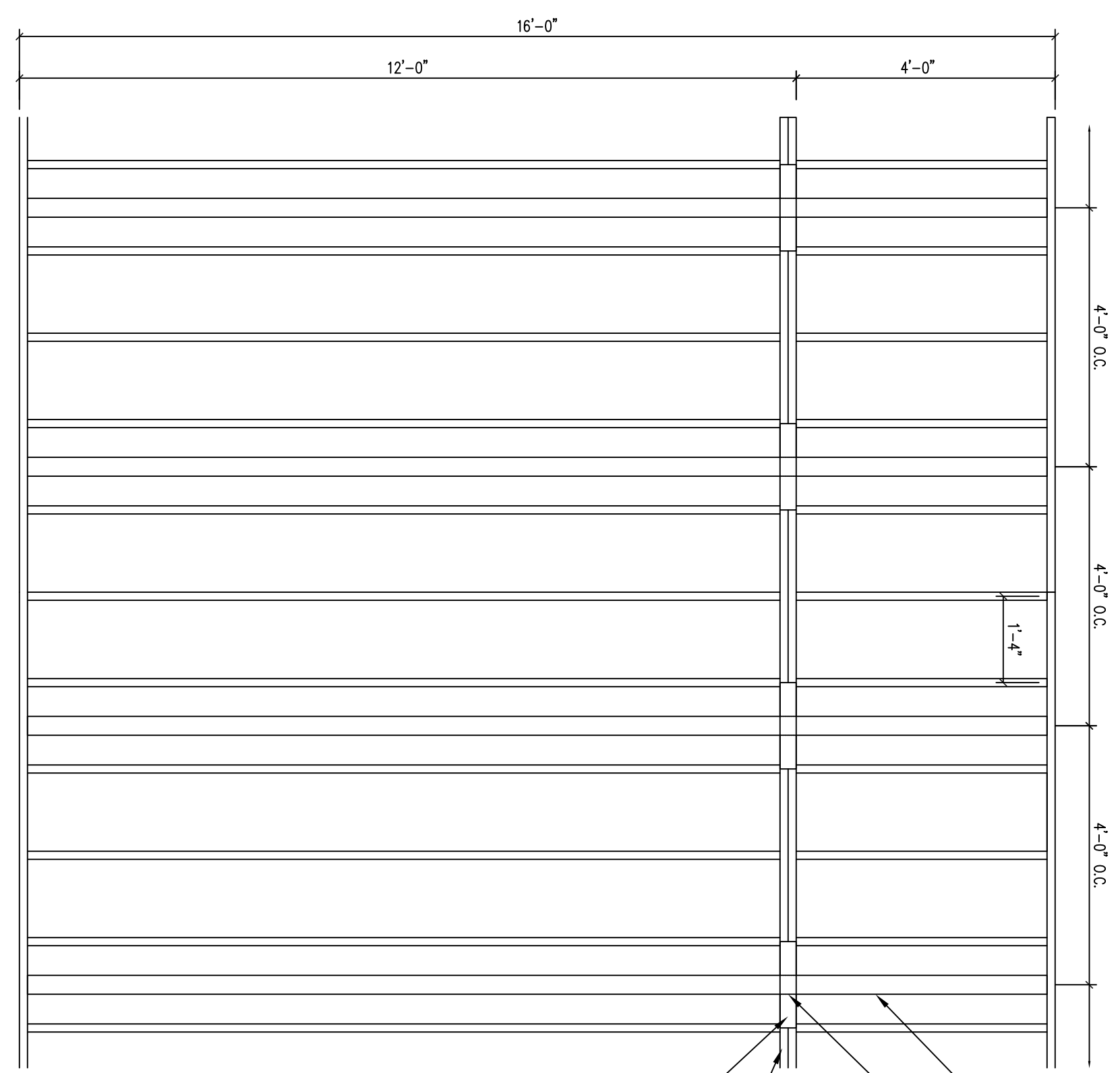
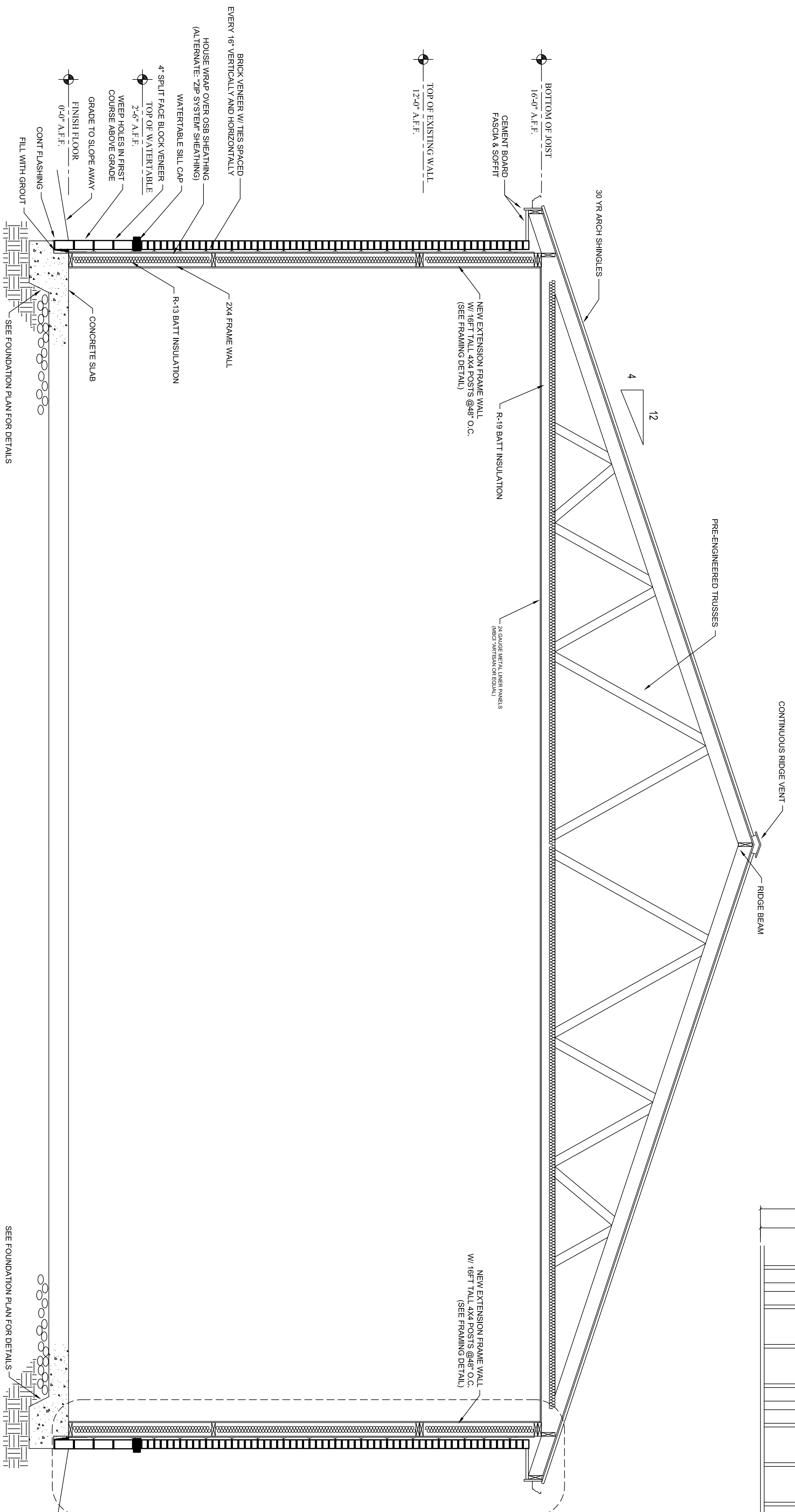
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REFLECTED CEILING PLAN

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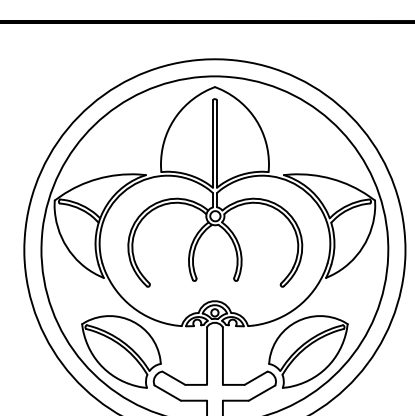


A WALL EXTENSION DETAIL
SCALE: 1/2" = 1'-0"

- PROVIDE NEW 4X4 POST EVERY 48" OC
- CUT BOTH PLATES FOR CLEARANCE OF NEW 4X4
- EXISTING TOP PLATES
- NEW NASTAS STRAP TIE BOTH SIDES (OR EQUIVALENT)

1 BUILDING SECTION
SCALE: 1/2" = 1'-0"

A
A4.1



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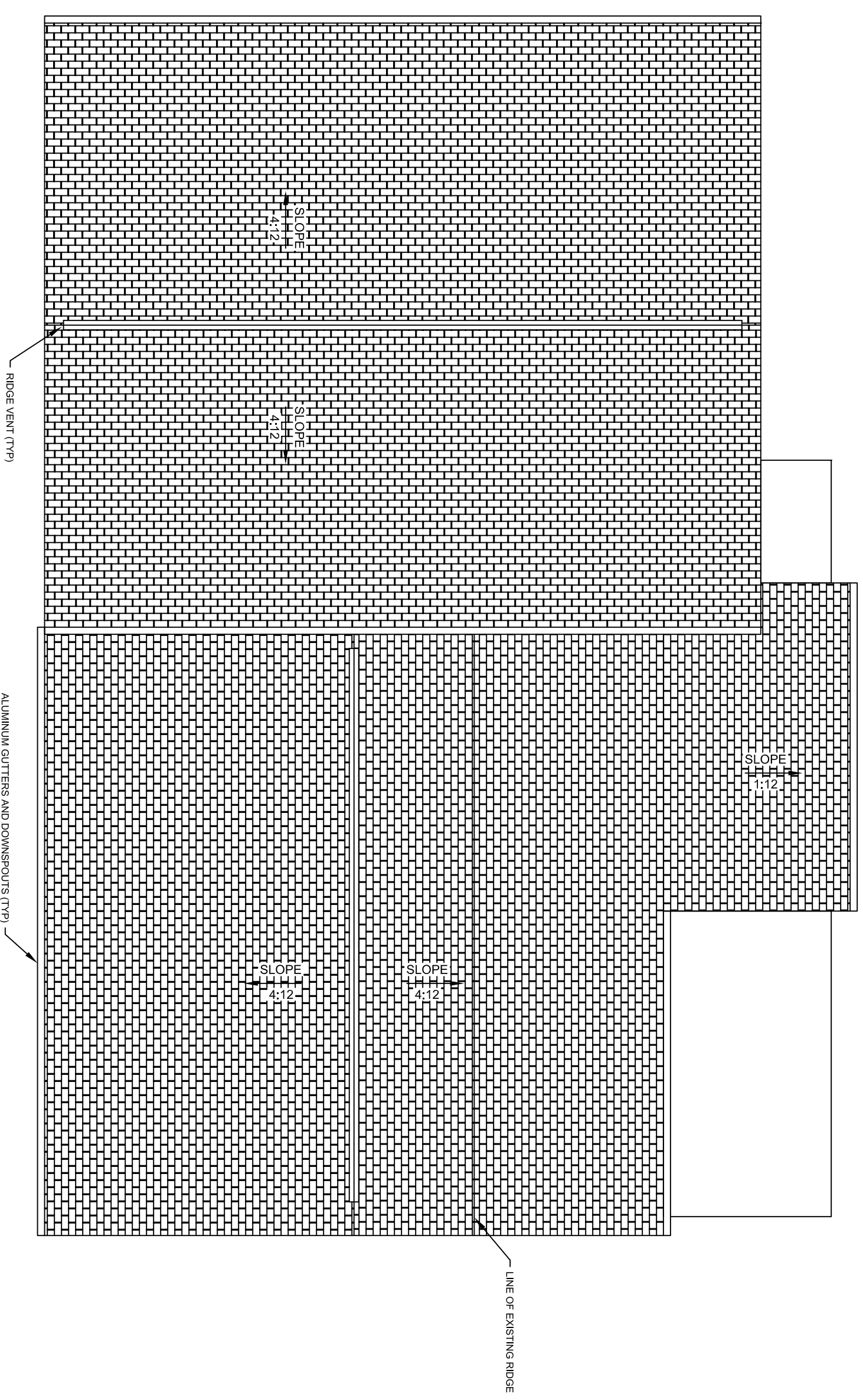
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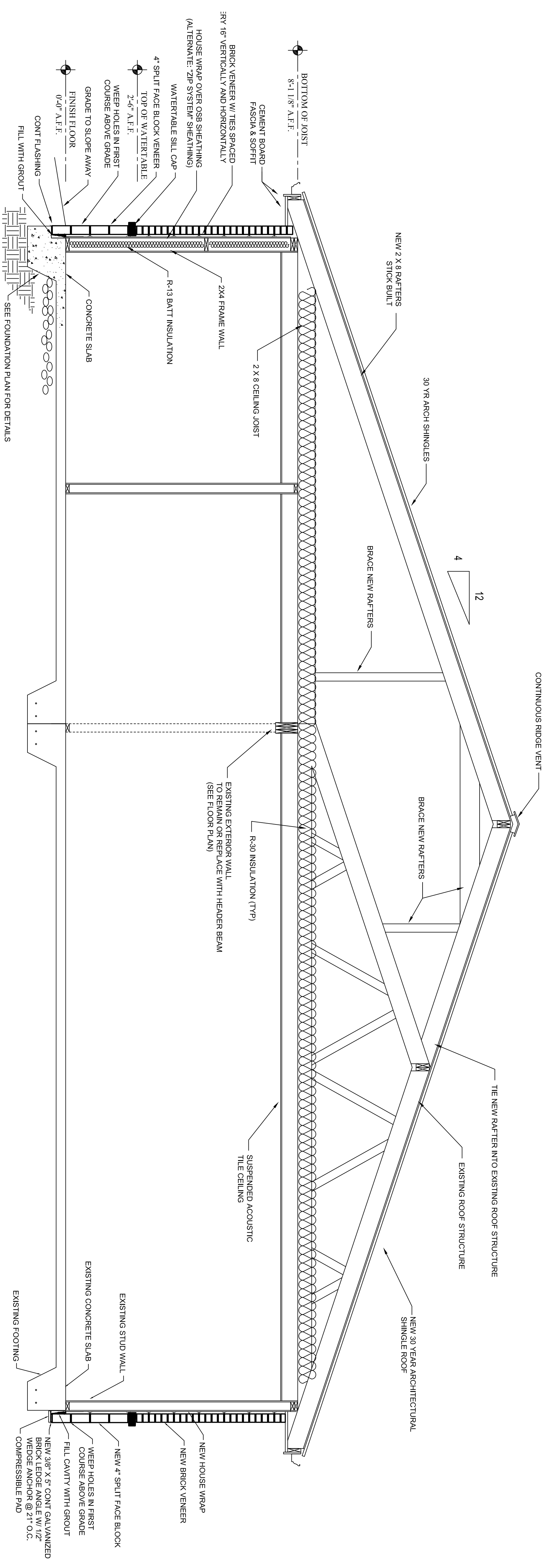
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SECTION

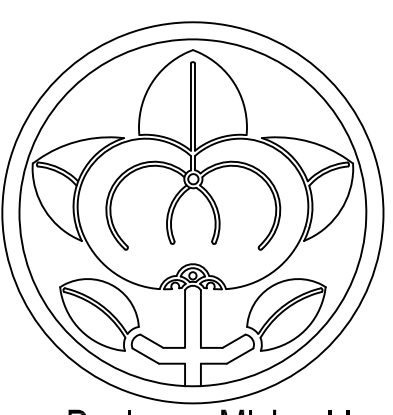
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1 ROOF PLAN
SCALE: 1/8" = 1'-0"



2 BUILDING SECTION
SCALE: 1/2" = 1'-0"



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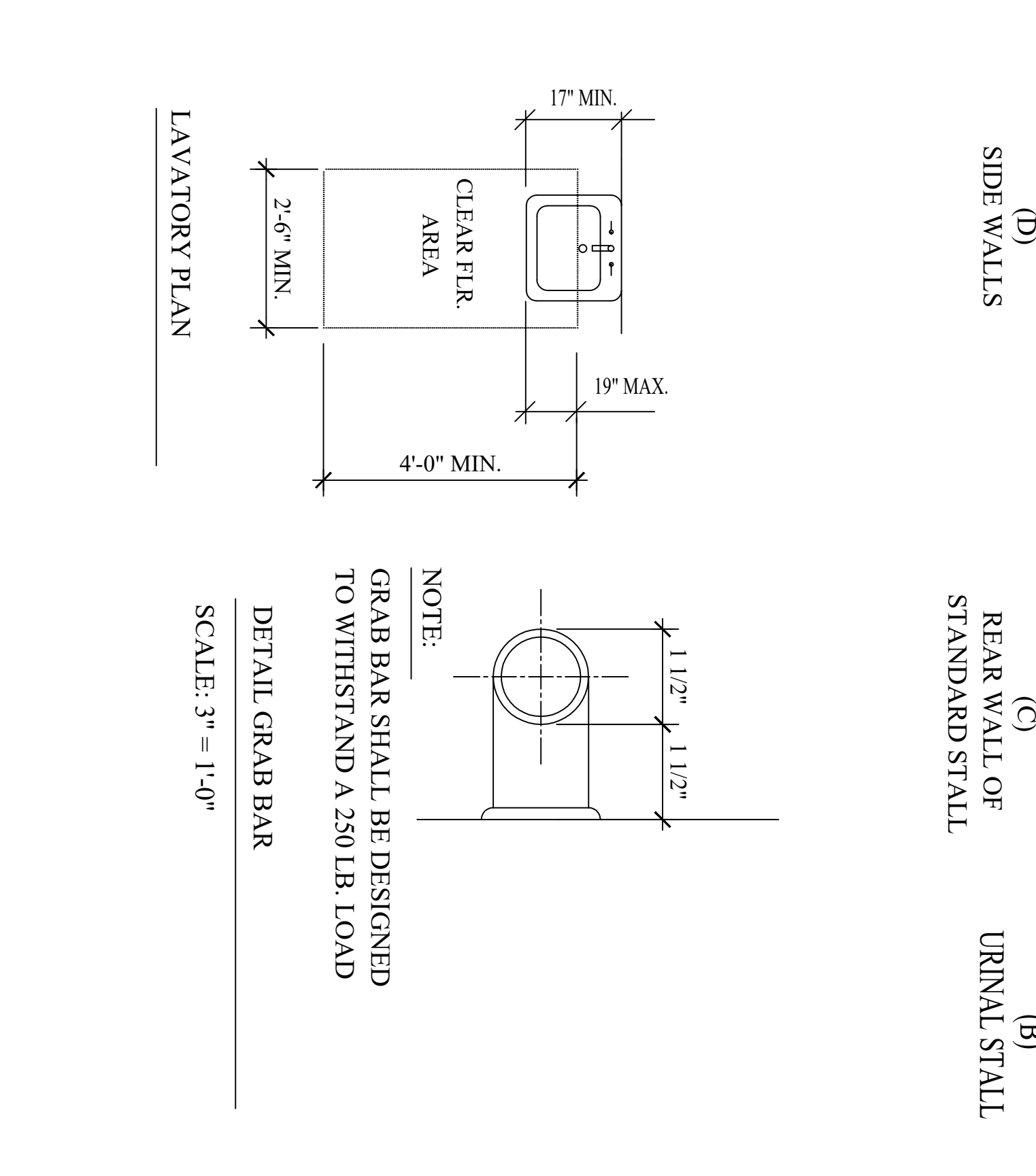
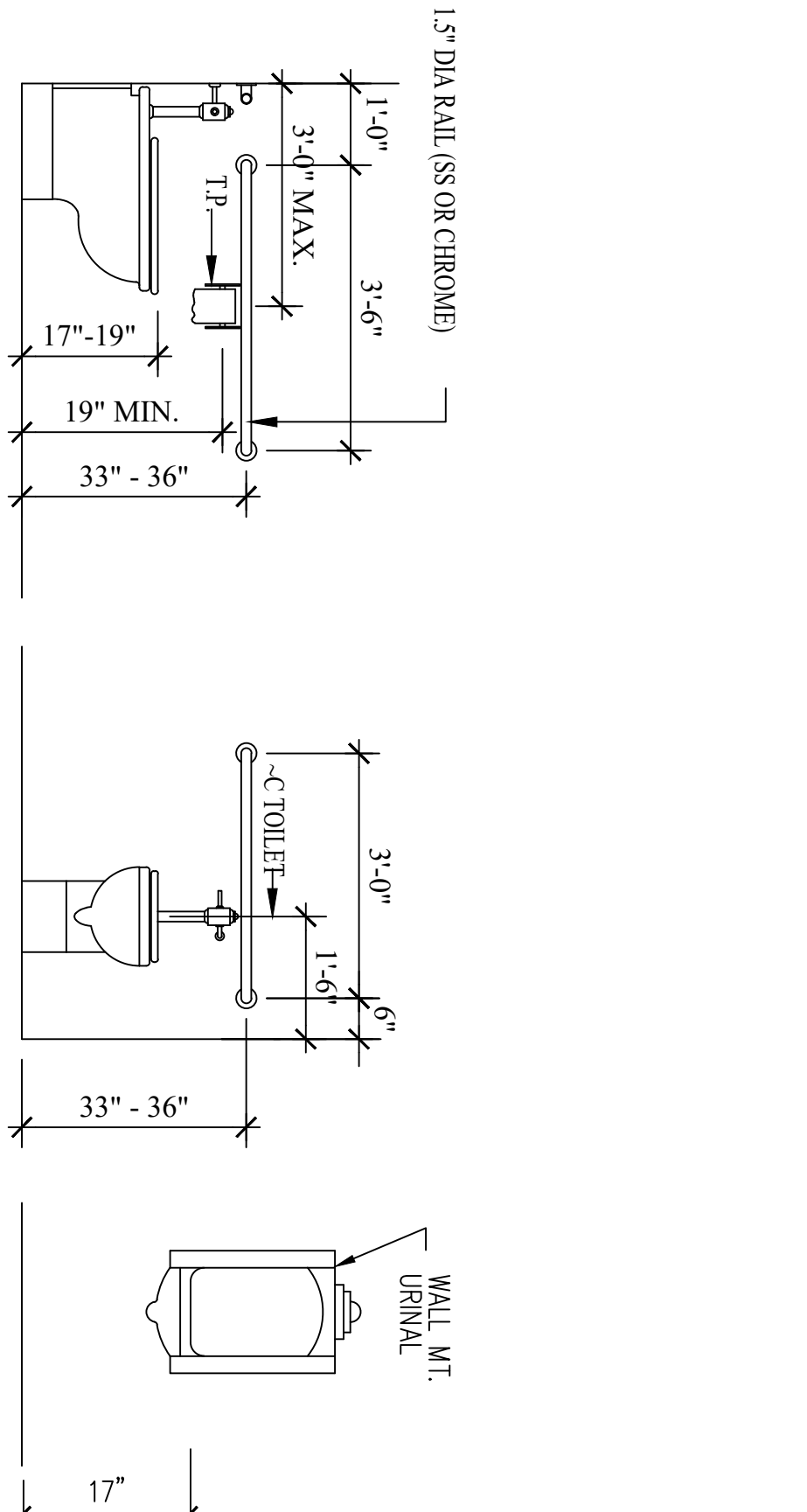
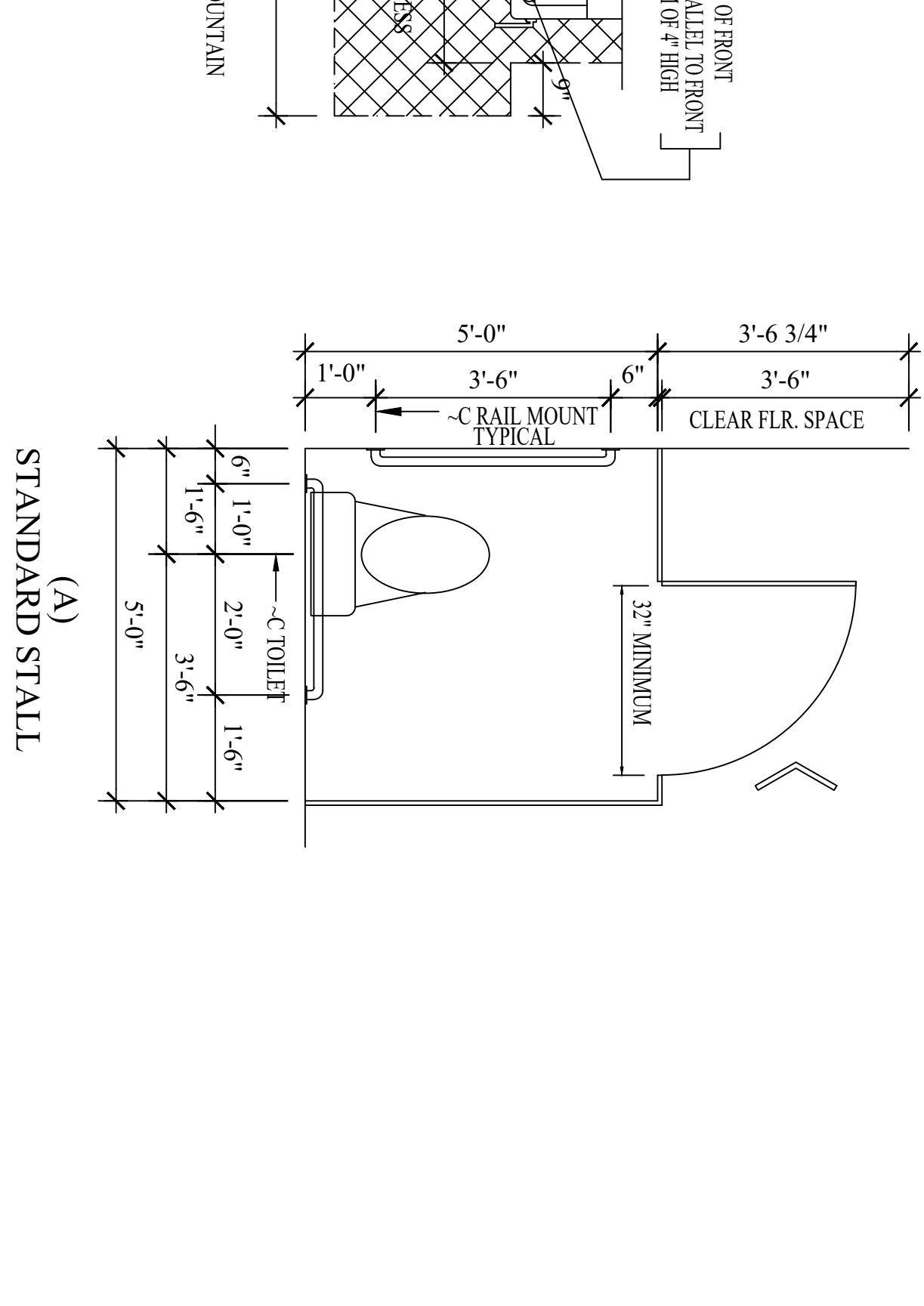
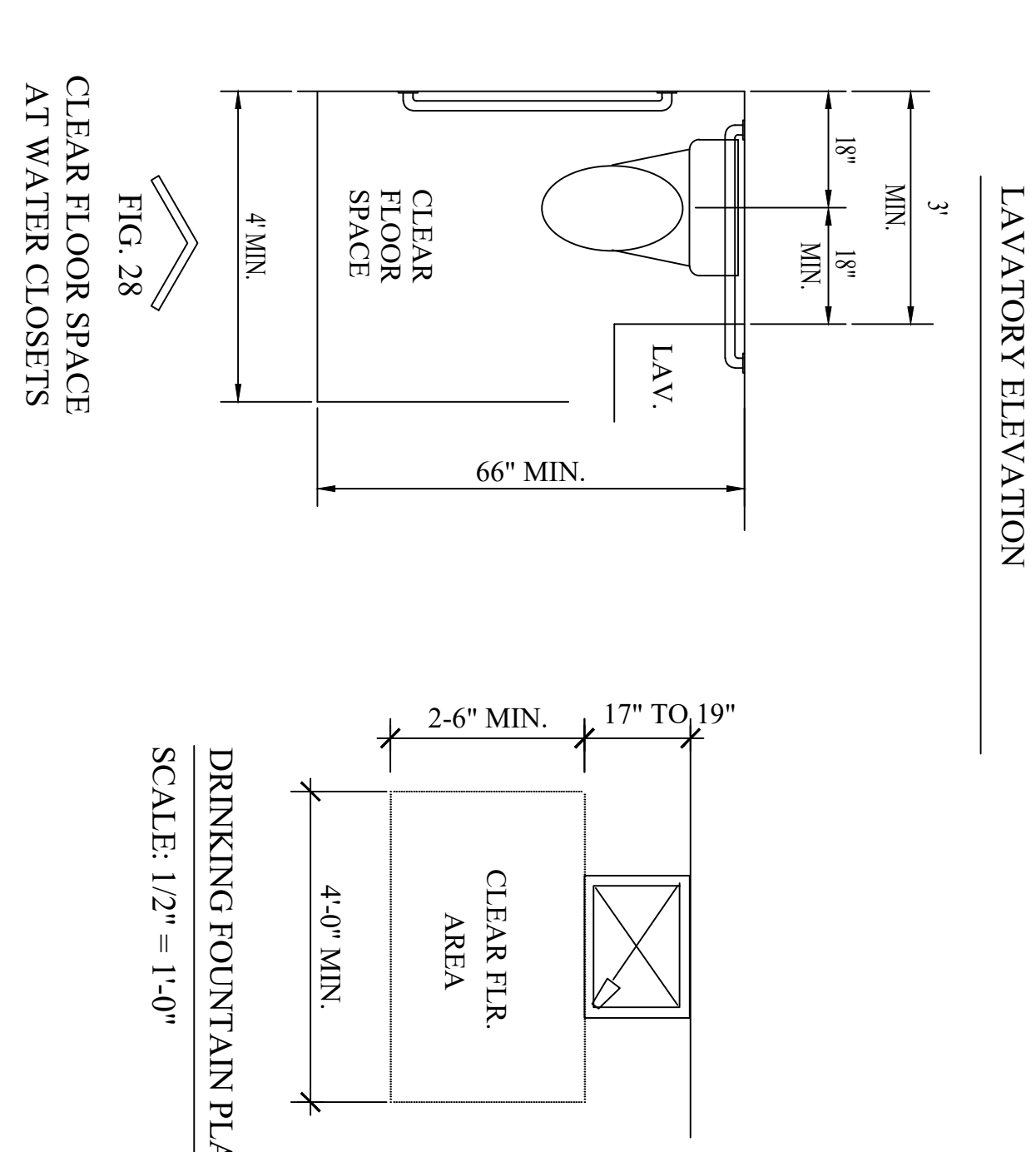
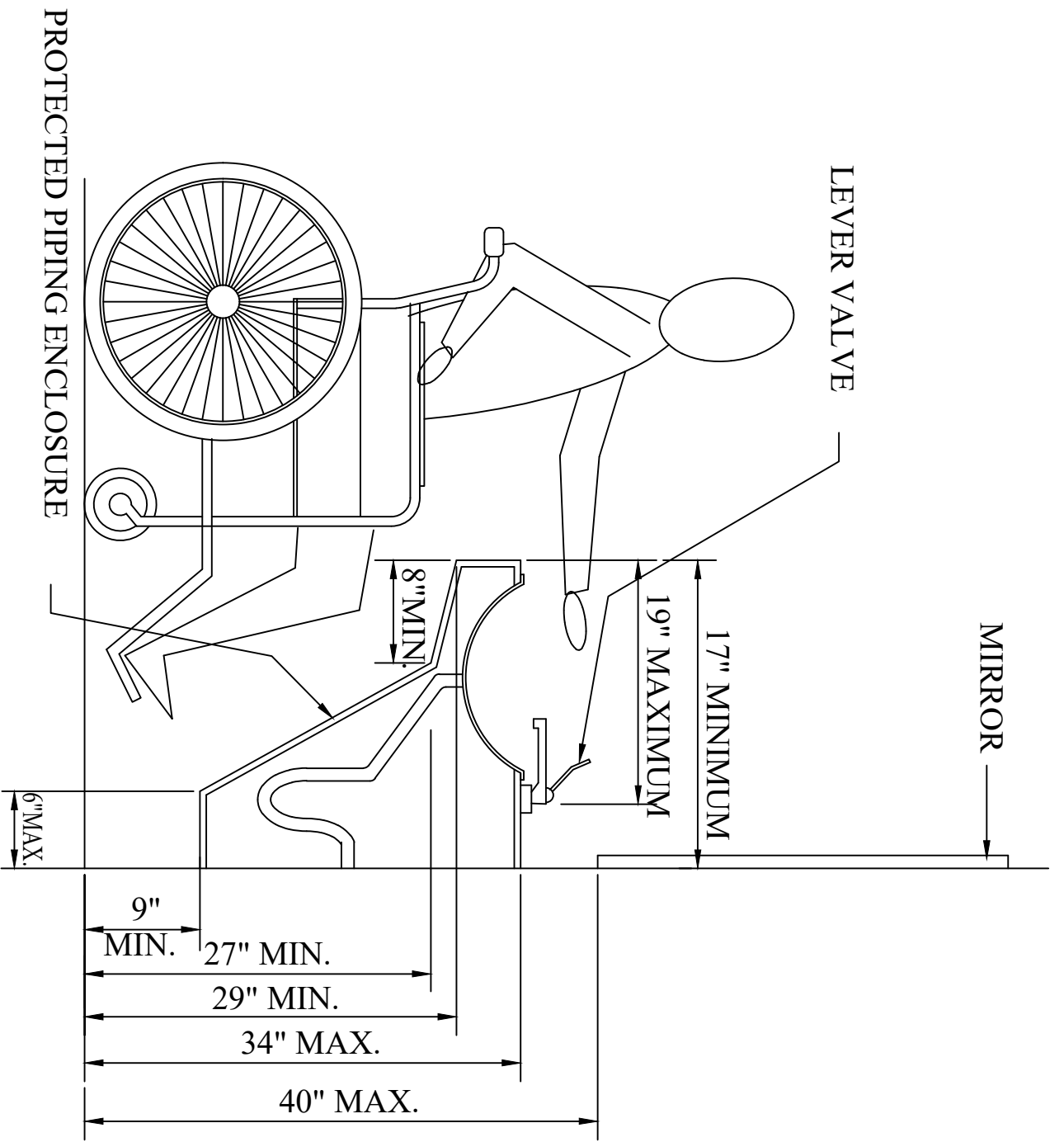
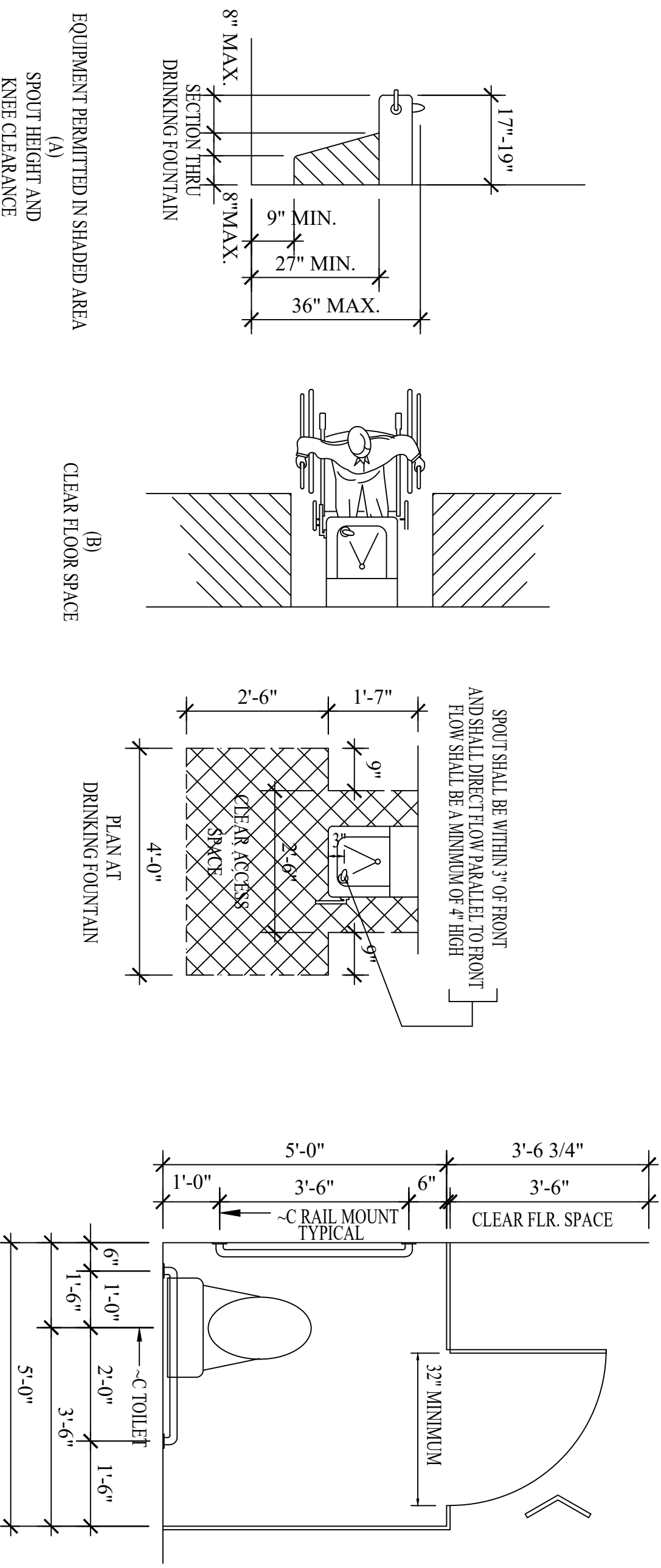
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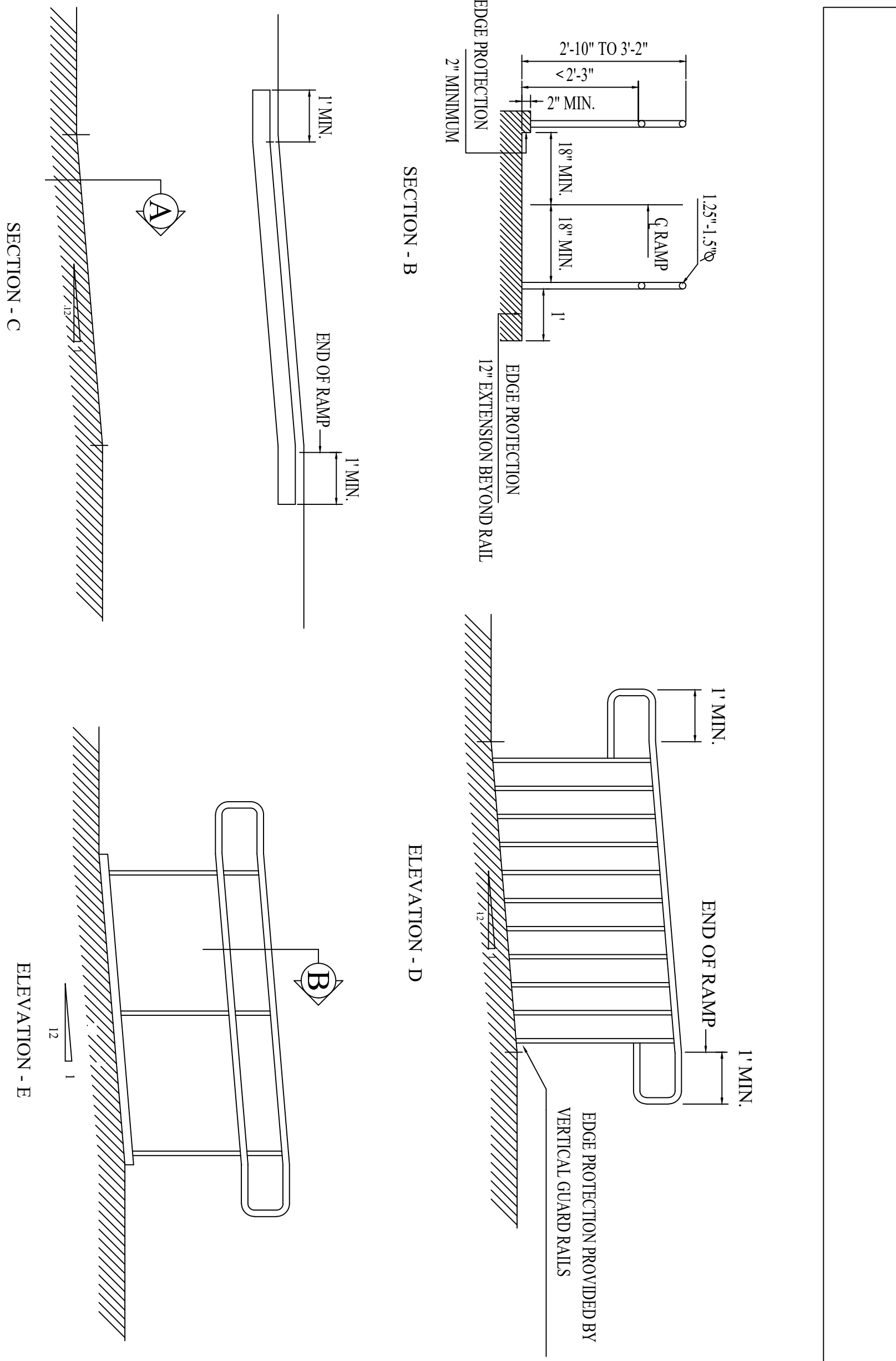
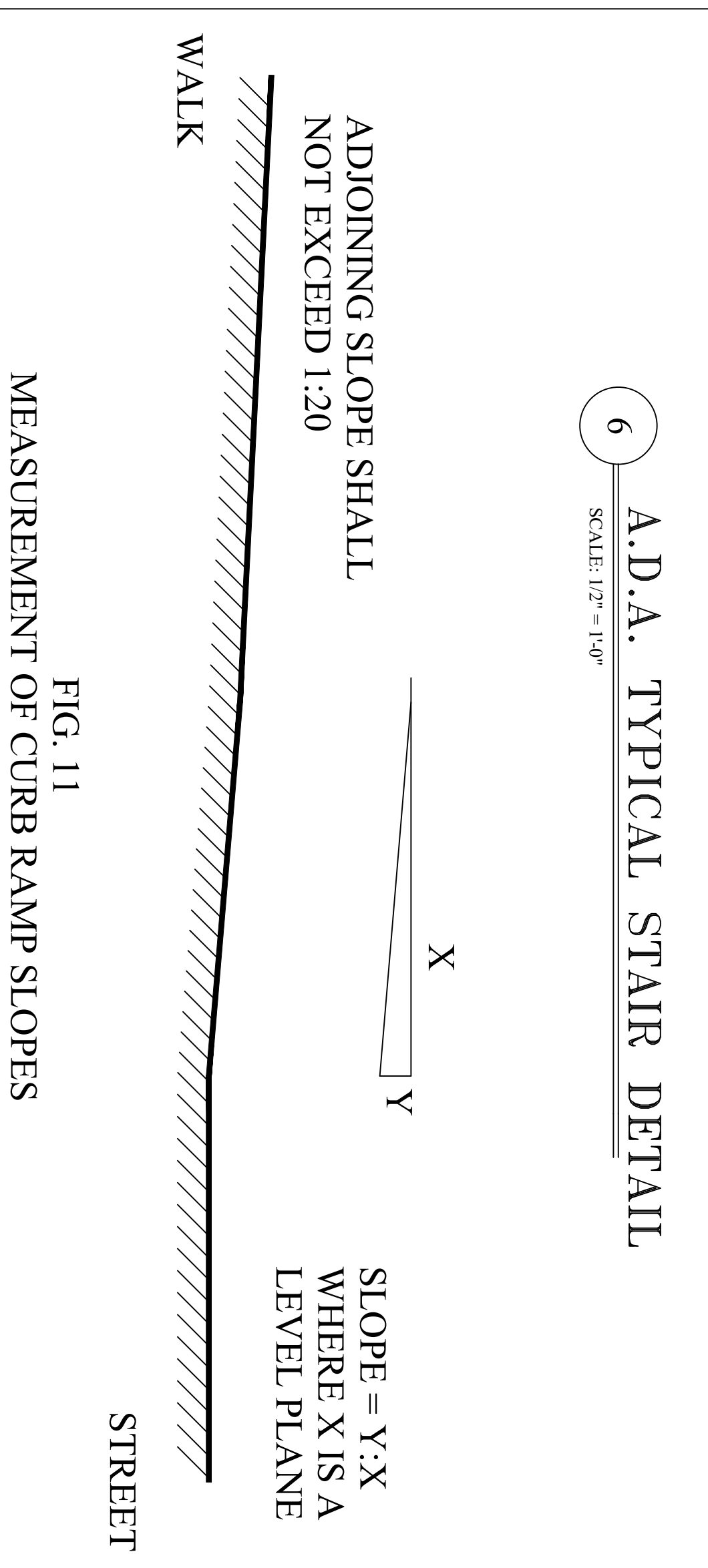
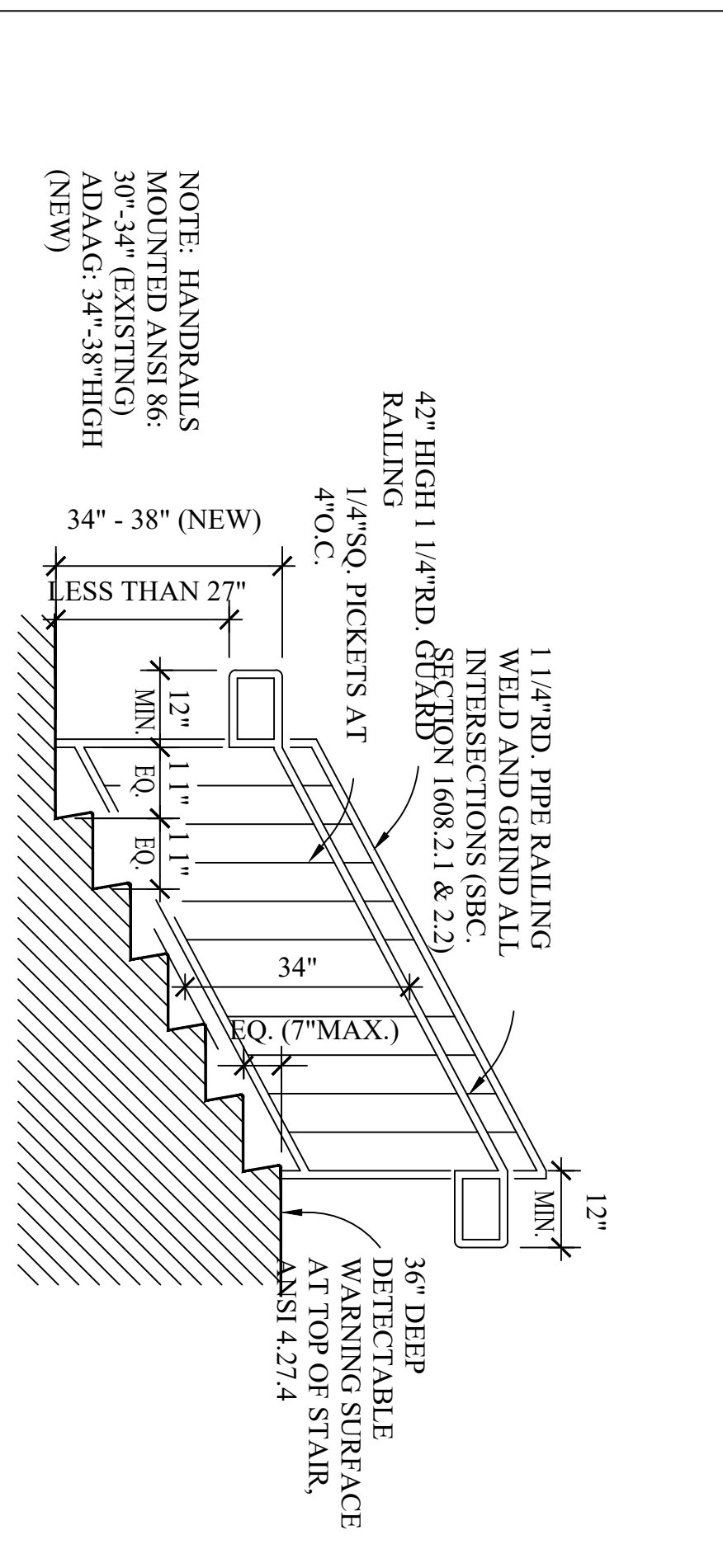
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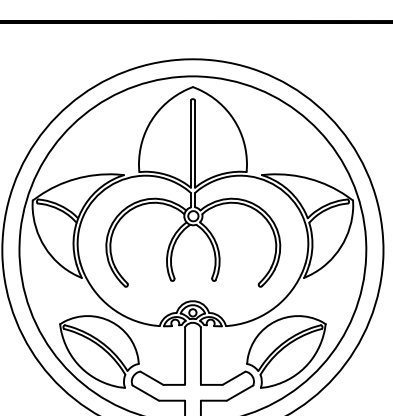
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SECTION

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1 A.D.A. / G.A.C. DETAILS
NOT TO SCALE





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SCHEDULES

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sheet no.

No	ROOM	WALL		CHAIRRAIL		CROWN		BASEBOARD		FLOOR		CEILING		REMARKS
		Type	Color	Type	Color	Type	Color	Type	Color	Type	Color	Type	Color	
101	LOBBY OFFICE	PD	TBD	-	-	-	-	R1	TBD	PC	PC	ACT	ACT	-
102	BUNK ROOM 1	PD	TBD	-	-	-	-	R1	TBD	PC	PC	ACT	ACT	-
103	BUNK ROOM 2	PD	TBD	-	-	-	-	R1	TBD	PC	PC	ACT	ACT	-
104	BUNK ROOM 3	PD	TBD	-	-	-	-	R1	TBD	PC	PC	ACT	ACT	-
105	BUNK ROOM 4	PD	TBD	-	-	-	-	R1	TBD	PC	PC	ACT	ACT	-
106	CORRIDOR	PD	TBD	-	-	-	-	R1	TBD	PC	PC	ACT	ACT	-
107	BATHROOM	PD	TBD	-	-	-	-	R1	TBD	PT	PT	ACT	ACT	-
108	BATHROOM	PD	TBD	-	-	-	-	R1	TBD	PT	PT	ACT	ACT	-
109	RESTROOM	PD	TBD	-	-	-	-	R1	TBD	PT	PT	ACT	ACT	-
110	WORKOUT ROOM	PD	TBD	-	-	-	-	R1	TBD	BBHC	BBHC	ACT	ACT	STOP BB-FT FROM LAUNDRY WALL
111	KITCHEN	PD	TBD	-	-	-	-	R1	TBD	PC	PC	ACT	ACT	-
112	DAY ROOM	PD	TBD	-	-	-	-	R1	TBD	PC	PC	ACT	ACT	-
113	LAUNDRY	PD	TBD	-	-	-	-	R1	TBD	PC	PC	ACT	ACT	-
114	GEAR EXTRACTOR	PD	TBD	-	-	-	-	R1	TBD	SC	SC	LP	CF	-
115	2 BAY GARAGE	PD	TBD	-	-	-	-	R1	TBD	SC	SC	LP	CF	-

NOTES:
1
2

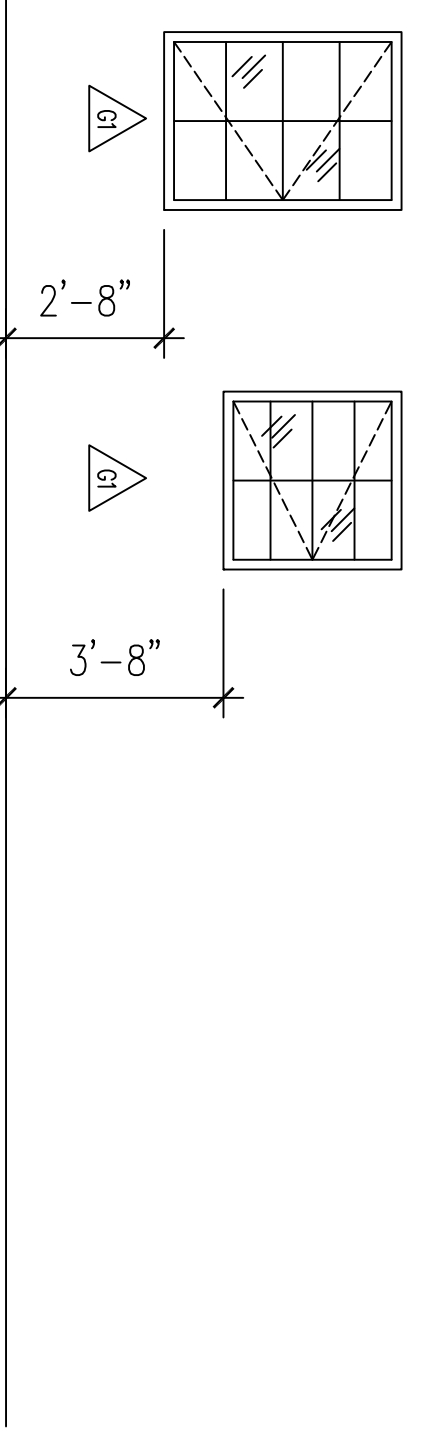
FINISH SCHEDULE

WALL	
PD	= PAINTED DRYWALL
UD	= UNPAINTED DRYWALL
BM	= BY MANUFACTURER
VB	= WHITE VINYL BACKED INSULATION
CHAIR RAIL MOLDING	
W1	= WOOD CHAIR RAIL - RB-8806 W/ RB-8803
CROWN MOLDING	
W2	= WOOD CROWN - RB-87
BASEBOARD MOLDING	
R1	= RUBBER BASEBOARD (COLOR TBD)
CB1	= CERAMIC COVE BASE (COLOR TO MATCH CT1)
W3	= WOOD BASE - 5" SPEED BASE
W3S	= WOOD BASE - 5" SPEED BASE WITH SHOE
FLOOR	
RB	= RUBBER MAT
LV1	= LUXURY VINYL TILE - MANNINGTON PLANK
R	= POLISHED CONCRETE
SC	= SEALED CONCRETE
PI	= PORCELAN TILE
CEILING	
ACT	= ACOUSTICAL TILE
LP	= LINER PANEL
COLOR	
TBD	= TO BE DETERMINED
WFI	= LATEX FLAT - ANTIQUE WHITE
SGI	= SEMI-GLOSS TRIM - COLOR FORD WHITE
STI	= STAIN - COLOR TBD
CF	= CEILING WHITE - FLAT FINISH

WINDOW SCHEDULE

Mark	Frame			Glazing				Remarks		
	Width	Height	Material	Mullion	Pane	Insul	Tint		U-Factor	SHGC
G1	3'-0"	4'-0"	VINYL	AS SHOWN	DOUBLE	LOW-E	BRONZE	0.30	0.25	CASEMENT WINDOW
G2	3'-0"	3'-0"	VINYL	AS SHOWN	DOUBLE	LOW-E	BRONZE	0.30	0.25	CASEMENT WINDOW

NOTES:
1. MANUFACTURER TO BE SELECTED BY CONTRACTOR AND SUBMITTED TO OWNER FOR APPROVAL.



DOOR SCHEDULE

No.	Width	Height	Door		Frame			Hardware	Set	Remarks
			Lable	Swing	Material	Type	Type			
101	3'-0"	6'-8"	-	RH	M/G	1	HM	534"	1	-
102	3'-0"	6'-8"	-	LH	W	2	W	534"	4	-
103	3'-0"	6'-8"	-	LH	W	2	W	534"	4	-
104	3'-0"	6'-8"	-	RH	W	2	W	534"	4	-
105	3'-0"	6'-8"	-	RH	W	2	W	534"	4	-
106	3'-0"	6'-8"	-	LH	M/G	1	HM	534"	1	-
107	3'-0"	6'-8"	-	LH	W	2	W	534"	4	-
108	3'-0"	6'-8"	-	LH	W	2	W	534"	4	-
109	3'-0"	6'-8"	-	LH	W	2	W	534"	4	-
110	3'-0"	6'-8"	-	LH	W	2	W	534"	4	-
111	3'-0"	6'-8"	-	RH	M/G	1	HM	534"	3	-
112	3'-0"	6'-8"	-	LH	W	2	W	534"	2	-
113	3'-0"	6'-8"	-	RH	W	2	W	534"	2	-
114	3'-0"	6'-8"	-	-	-	-	W	534"	-	CASED OPENING
115	3'-0"	6'-8"	-	-	-	-	W	534"	-	CASED OPENING
116	3'-0"	6'-8"	1 1/2 HR	LH	M	1	M	534"	2	-
117	3'-0"	6'-8"	-	RH	W	2	W	534"	2	-
118	3'-0"	6'-8"	-	RH	W	2	W	534"	2	-
119	3'-0"	6'-8"	-	RH	W	2	W	534"	2	-
120	EXISTING	6'-8"	-	-	-	-	-	-	-	EXISTING TO REMAIN
121	12'-0"	14'-0"	-	ROLL UP	M/G	3	M	N/A	-	-
122	12'-0"	14'-0"	-	ROLL UP	M/G	3	M	N/A	-	KEYED SLIDE LOCK

HARDWARE

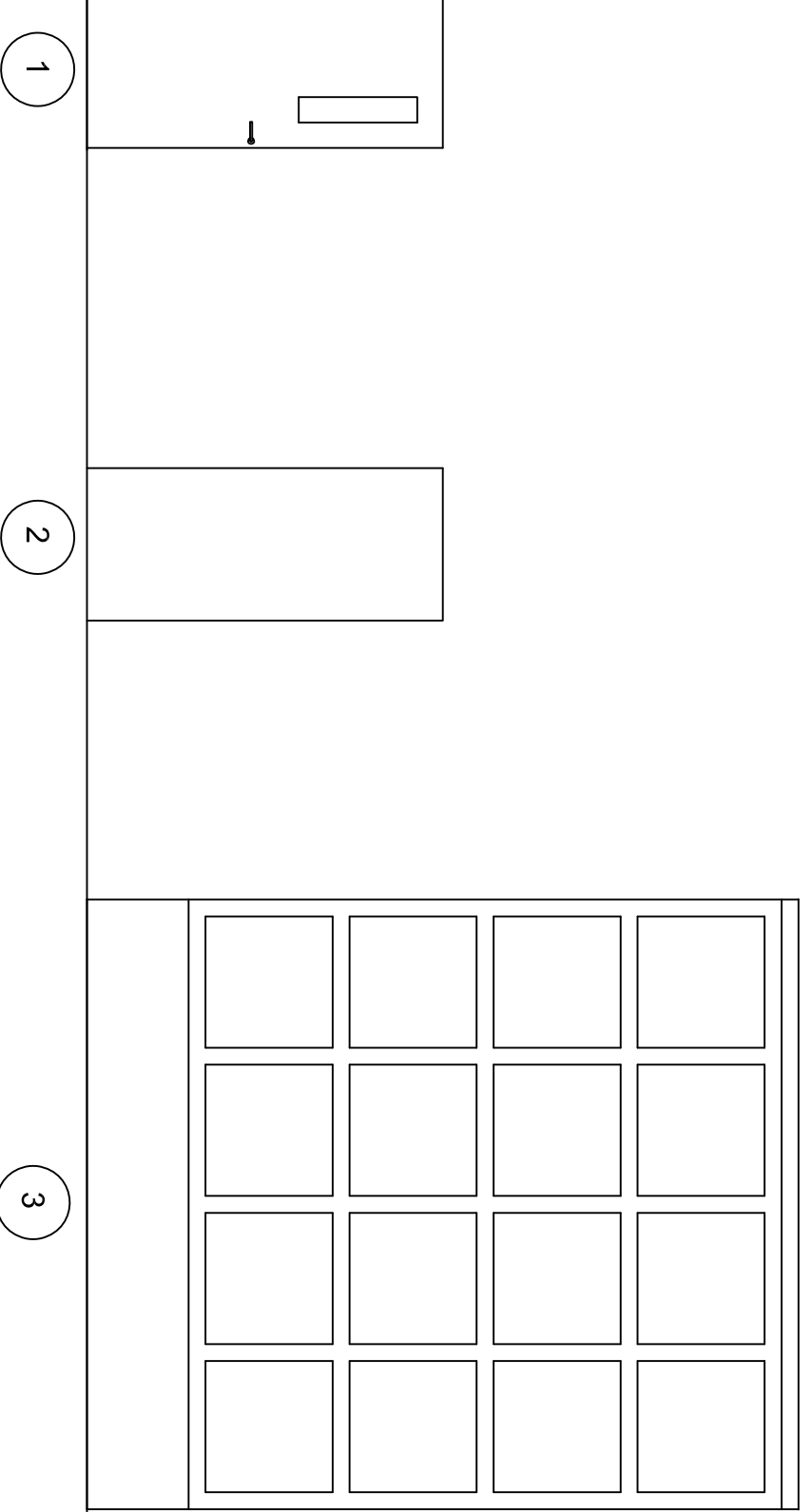
- SET #1
HINGE BB
LOCKSET - KEYED
WALL STOP
SILENCERS
- SET #2
HINGE BB
LOCKSET - PASSAGE
CLOSER
SILENCERS
- SET #3
HINGE BB
LOCKSET - PANIC BAR
DEADBOLT KEYED
CLOSER
SILENCERS
- SET #4
HINGE BB
LOCKSET - PRIVACY
CLOSER
WALL STOP
SILENCERS

LEGEND

- HM = HOLLOW METAL
- HRM = INSUL HOLLOW METAL
- P/P = PUSH PULL
- D = DEADBOLT
- W = WOOD (SOLID CORE)
- A = ALUMINUM
- P = PASSAGE LEVER
- C = CLOSER W/ HOLD OPEN
- PB = PANIC HARDWARE
- K = KEYED LEVER
- PL = PRIVACY LEVER
- G = GLASS (1/4" TEMP)

NOTES:

- ALL HARDWARE TO BE COMMERCIAL GRADE BRUSHED STEEL - SCHLAGE.
- PROVIDE FLOOR OR WALL DOORSTOPS FOR ALL DOORS AS APPROPRIATE.
- SELF-CLOSING DEVICES (SEE LEGEND ABOVE) SHALL MEET THE REQUIREMENTS OF THE NFPA 101, 721.4.
- ALL FIRE RATED DOORS SHALL RECEIVE SELF-CLOSING DEVICES AND POSITIVE LATCHES PER THE NFPA 101, SEC 8.4.1.1.
- KEYING TO MATCH OWNERS SECURED KEY SYSTEM



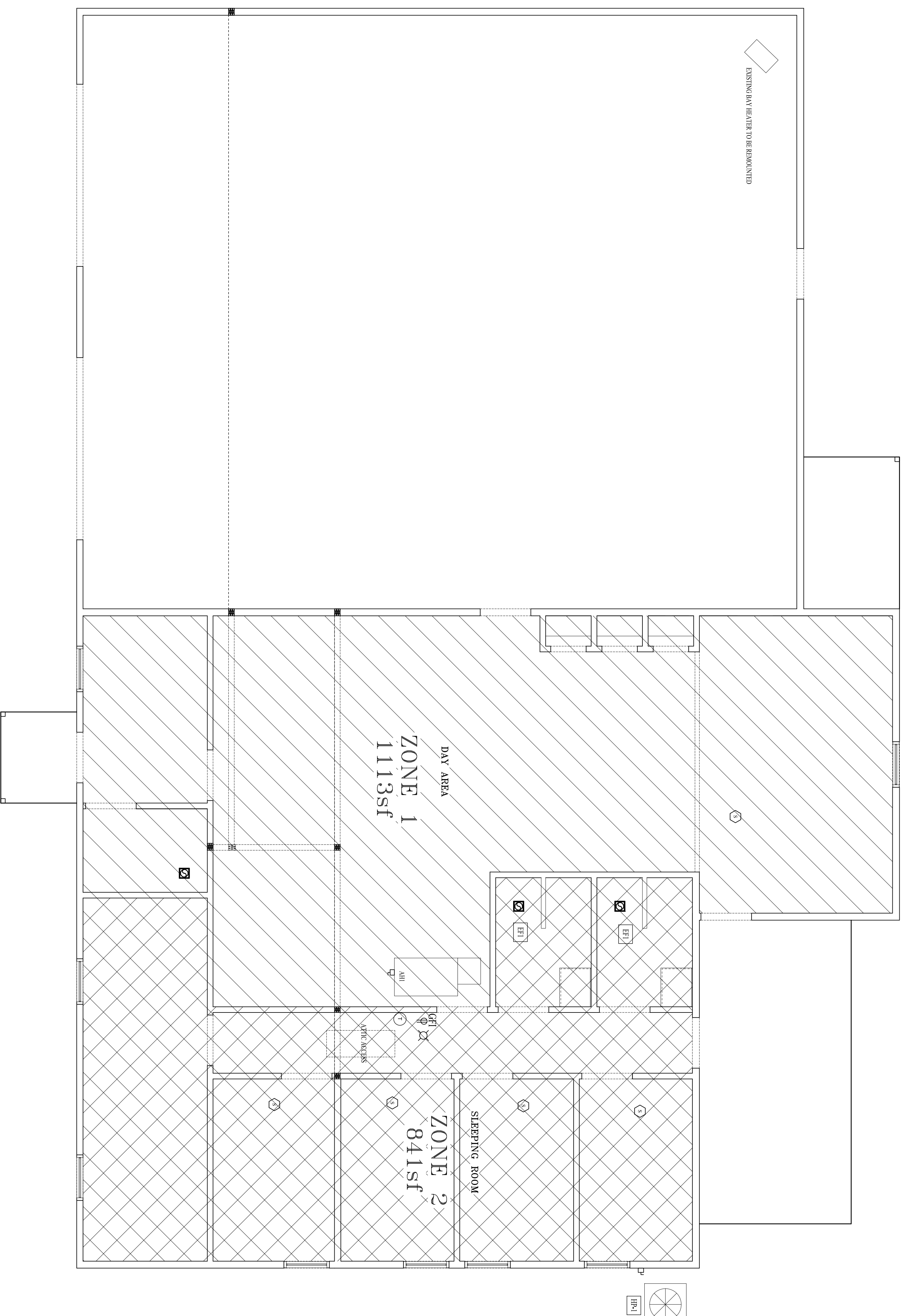
ZONING LEGEND			
HATCHING	DESCRIPTION	AREA	CEILING HEIGHT
	ZONE 1 - DAY AREA	1113 SF	8 FT
	ZONE 2 - SLEEPING AREA	841 SF	8 FT

MECHANICAL EQUIPMENT SCHEDULE	
MARK	DESCRIPTION
AH-1	AIR HANDLER - 4 TON, BASIS OF DESIGN = CARRIER VARIABLE SPEED, DUAL ZONE
HP-1	HEAT PUMP - 4 TON, BASIS OF DESIGN = CARRIER

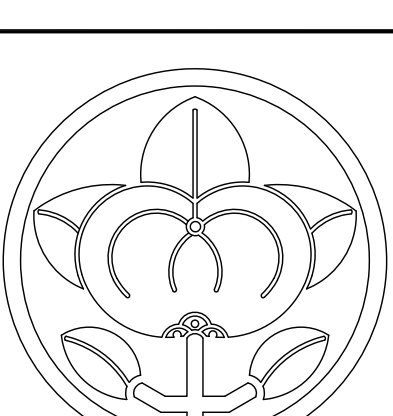
- NOTES:
1. PROVIDE PROGRAMMABLE THERMOSTATS.
 2. PROVIDE SMOKE DETECTORS AS SHOWN.

EXHAUST FAN SCHEDULE						
MARK	FUNCTION	CFM	MFR	MODEL	VOLTS/PH	NOTES
EFL	RR EXHAUST	75	BROAN	684	115 V	1,2

NOTES: 1. EXHAUST FANS TO VENT TO EXTERIOR THRU WALL.
2. PROVIDE BACKDRAFT DAMPER



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



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Issue date/revision

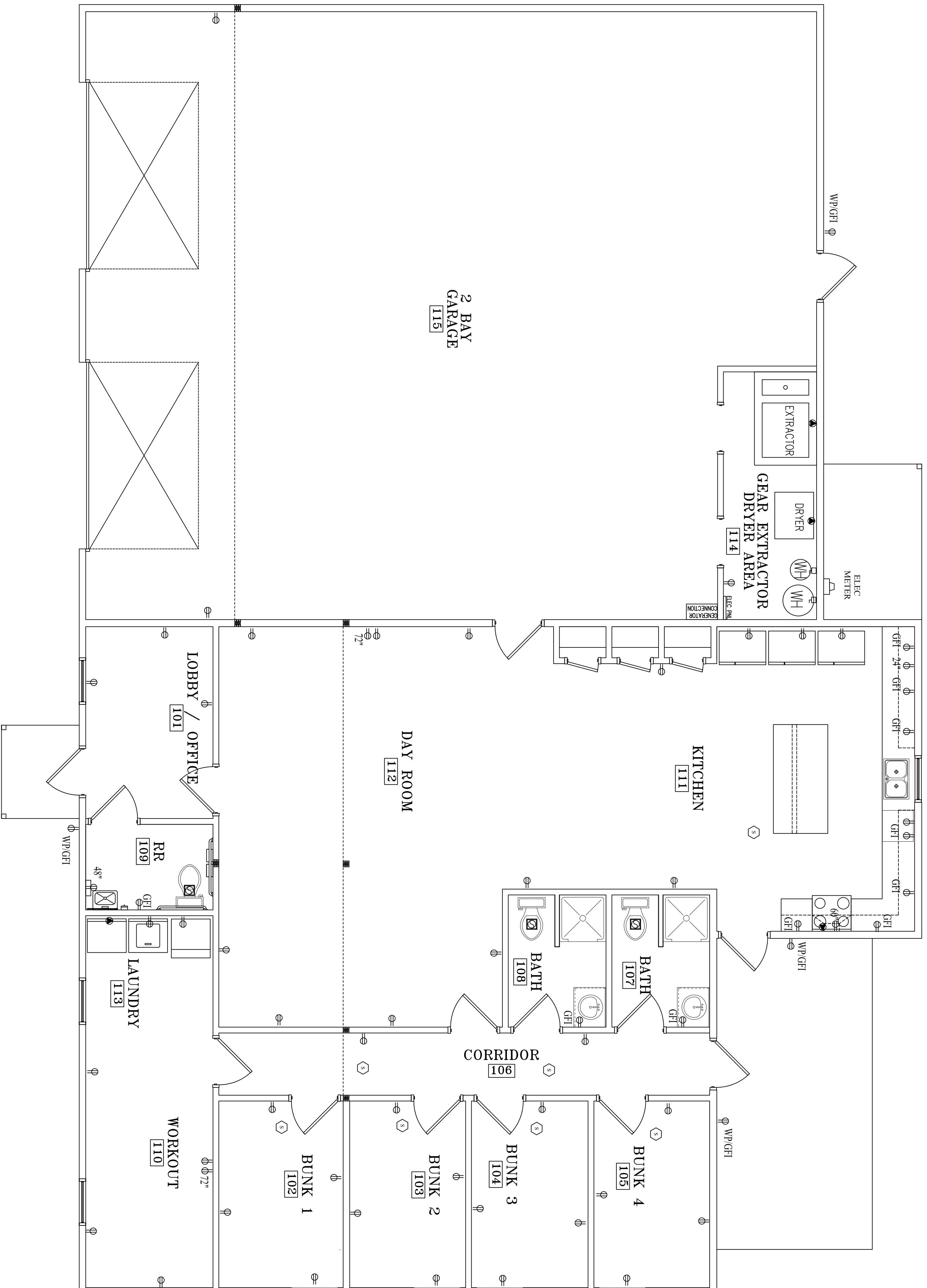
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project name
FIRE STATION #5
2100 W HIGHTOWER TRAIL
CONNERS, GA 30012

sheet title
HVAC ZONING PLAN

drawn by
checked by
project no.
date
10-2-23

M-1
sheet no.



- GENERAL NOTES:**
1. CONDUIT SHALL BE ELECTRICAL METALLIC TUBING (EMT), PVC, RIGID CONDUIT PVC OR RIGID SHALL BE USED IN WET LOCATIONS.
 2. CONDUIT CONCEALED IN WALLS SHALL BE EMT OR METAL CLAD CABLE (MC).
 3. ALL FIRE WALL PENETRATIONS SHALL BE SEALED WITH AN APPROVED FIRE STOP COMPOUND.
 4. ALL WIRING AND ELECTRICAL WORK SHALL CONFORM TO THE LATEST EDITION OF THE NATIONAL ELECTRICAL CODE (NEC). IN CASE OF A CONFLICT BETWEEN THIS DWG. AND THE NEC, NEC SHALL PREVAIL.
 5. THE GROUNDING PATH FROM PANELBOARD TO EACH LOAD SHALL BE CONTINUOUS. PULL #12 GREEN IN EACH RACEWAY UNLESS NOTED OTHERWISE.
 6. CONDUIT SIZING AND CIRCUIT GROUPING SHALL BE THE RESPONSIBILITY OF ELECTRICAL CONTRACTOR & SHALL CONFORM TO ARTICLE 310 OF THE NEC.
 7. ALL REGRESS LIGHTING TO BE UNSWITCHED ON LOCAL LIGHTING CIRCUIT.

PANEL BOARD SCHEDULE 'A'

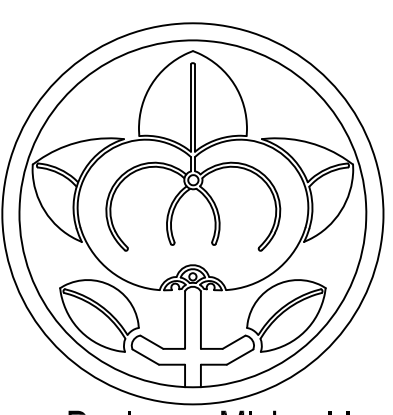
120/240V, 1Ø 3-W, 200A MAIN BREAKER
TOTAL CONNECTED LOAD = 38.8 KW

LOAD	TRIP NO. AMPS	TRIP NO. POLES	WATS	NO.	CR. A	PHASE	CR. B	NO.	TRIP AMPS	LOAD
AIR HANDLER	60	2	3600	1	2	2000	2	40		CONDENSER
WATER HEATER	30	2	3600	3	4	2000	4	30		DRYER
WASHING MACHINE	20	1	2250	5	8	1800	2	30		WASHER EXTRACTOR
RANGE HOOD	20	1	800	9	10	1800	1	30		
MICROWAVE	20	1	300	11	12	1800				
RANGE/OVEN	30	2	1000	13	14	1800	1	30		GEAR DRYER
REFRIGERATOR	20	1	1500	15	16	1800	1	20		RECEPTACLES - GFI
REFRIGERATOR	20	1	400	19	18	600	1	20		RECEPTACLES - KITCHEN GFI
REFRIGERATOR	20	1	400	23	19	600	1	20		RECEPTACLES - BEDROOMS
REFRIGERATOR	20	1	400	25	20	600	1	20		RECEPTACLES - BEDROOMS
REFRIGERATOR	20	1	400	25	22	600	1	20		RECEPTACLES - DAY ROOM
DISHWASHER	20	1	400	27	24	600	1	20		RECEPTACLES - EXTENOR
LIGHTS - SLEEPING ROOMS	20	1	400	29	26	600	1	20		RECEPTACLES - VEHICLE BAY
LIGHTS - DAY ROOM	20	1	800	31	28	-	-	-		SPACE
LIGHTS - VEHICLE BAY	20	1	800	31	30	-	-	-		SPACE
SPACE	-	-	-	33	32	-	-	-		SPACE
SPACE	-	-	-	35	32	-	-	-		SPACE
Ø 7/8"	19,800 W					38,800 W				40,350 W
Ø 5"	19,000 W					1,750 W				240
TOTAL	38,800 W					40,350 W				40,350 W = 188.9 A

LEGEND

	2FT X 4FT LED LAV-IN LIGHT FIXTURE
	2FT X 2FT LED LAV-IN LIGHT FIXTURE
	LED HIGH BAY LIGHT
	6\" LED WATERER LIGHT
	COMBINATION PHONEDATA CAT 5E JACK
	DUPLEX RECEPTACLE
	SINGLE POLE LIGHT SWITCH
	3-WAY LIGHT SWITCH
	INDOOR CEILING FAN

1 ELECTRICAL POWER PLAN
SCALE: 1/4" = 1'-0"



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120/240V, 1Ø 3-W, 200A MAIN BREAKER
TOTAL CONNECTED LOAD = 38.8 KW

project name
FIRE STATION #5
2100 W HIGHTOWER TRAIL
CONVERS, GA 30012

sheet title
ELECTRICAL POWER PLAN

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date
10-2-23

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R1-1

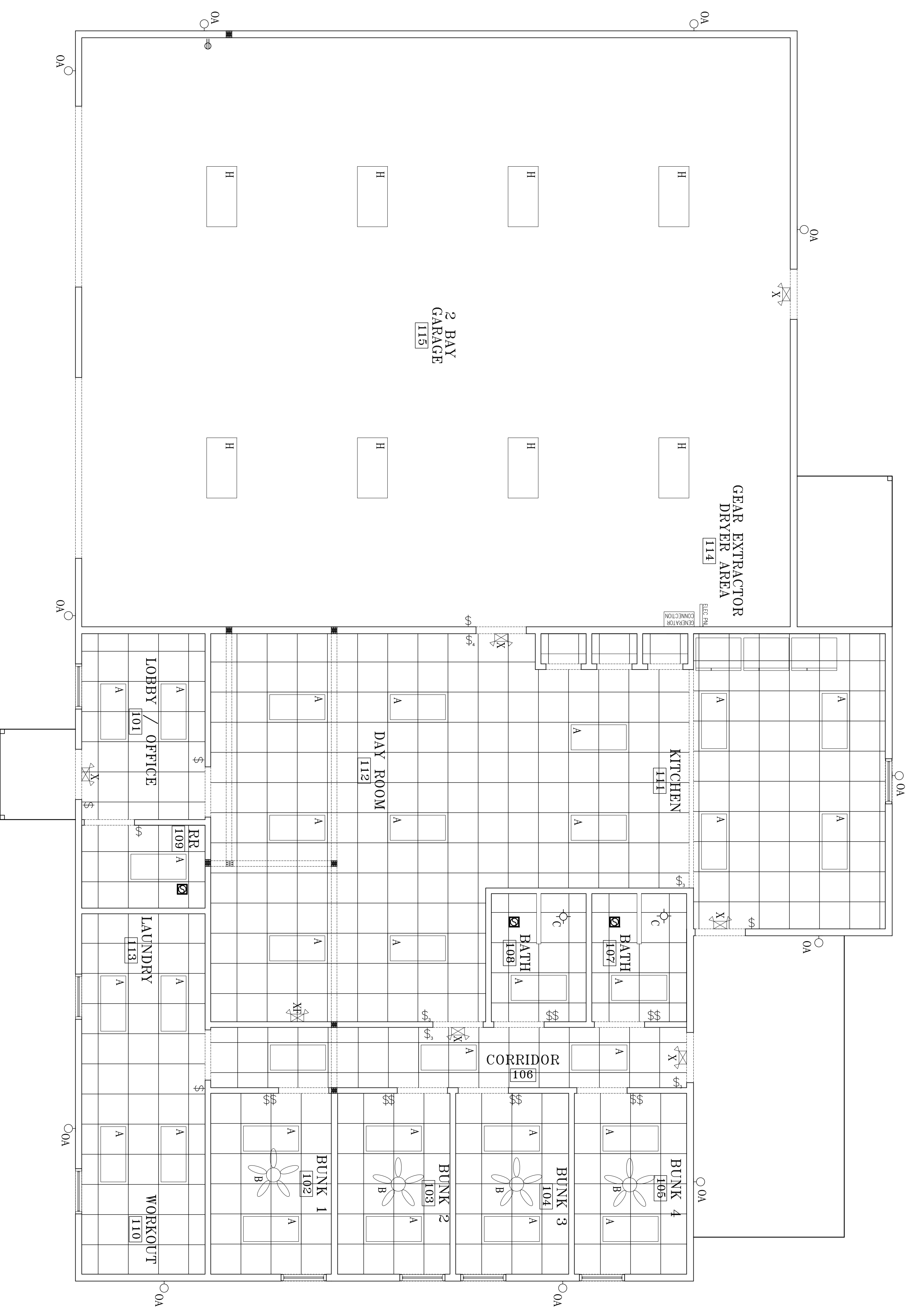
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Type	Description	Lamp	Manuf	Model	NOTES
A	2X4 LED LAY-IN FIXTURE	LED	LITHONIA	GTL SERIES	
B	INDOOR 42" CEILING FAN	NONE	HUNTER BAY	LOW PROFILE III	
C	6" LED WAFER FIXTURE, WET LISTED	LED, 4000K COLOR	LITHONIA	W6	
H	LED HIGH BAY	LED, 4000K COLOR	COLUMBIA LIGHTING	LHV SERIES	
OA	ARCHITECTURAL WALL PAK	LED, 4000K COLOR	LITHONIA	WSR SERIES	
XF	EMERGENCY FLOOD, TWO HEAD, 90 MIN BATTERY	FLOOD	LITHONIA	LHQX SERIES	
X	EMERGENCY EXIT/FLOOD COMBO, LED, 90 MIN BATTERY	LED	LITHONIA	LHQX SERIES	

NOTES:
1.

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LEGEND	
	2FT X 4FT LED LAY-IN LIGHT FIXTURE
	2FT X 2FT LED LAY-IN LIGHT FIXTURE
	LED HIGH BAY LIGHT
	6" LED WAFER LIGHT
	COMBINATION PHONEDATA CAT SE JACK
	DUPELEX RECEPTACLE
	SINGLE POLE LIGHT SWITCH
	3-WAY LIGHT SWITCH
	INDOOR CEILING FAN



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

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project name
FIRE STATION #5
2100 W HIGHTOWER TRAIL
CONNERS, GA 30012

sheet title
ELECTRICAL LIGHTING PLAN

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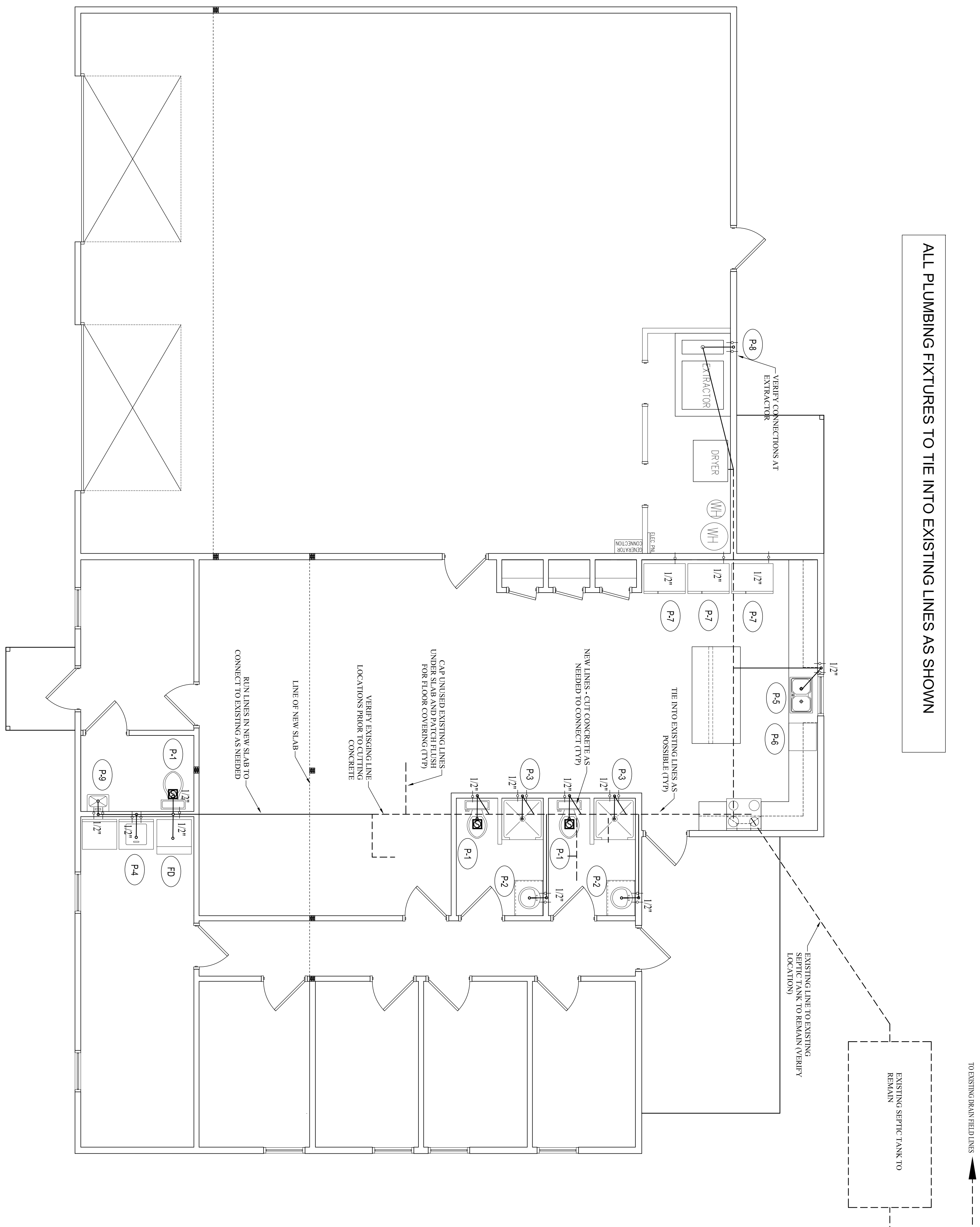
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ALL PLUMBING FIXTURES TO TIE INTO EXISTING LINES AS SHOWN

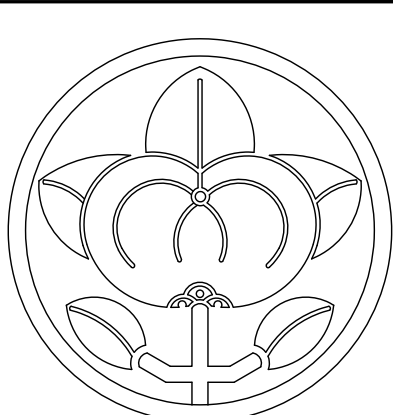


MARK	DESCRIPTION
P-1	HANDICAPPED WATER CLOSET
P-2	LAVATORY - MOUNTED IN COUNTER
P-3	PREFABRICATED SHOWER
P-4	WASHING MACHINE CONNECTION
P-5	KITCHEN SINK - MOUNTED IN COUNTER
P-6	DISHWASHER
P-7	WATER CONNECTION FOR REFRIGERATOR
P-8	WASHER EXTRACTOR
P-9	HANDICAPPED SINK - MOUNTED WITH CARRIER IN WALL
FD	FLOOR DRAIN W/ TRAP PRIMER

LEGEND:

- C - COLD WATER _____
- H - HOT WATER _____
- T - TEMPERED WATER - - - - -
- DWV - DRAIN, WASTE, VENT _____
- SS - SANITARY SEWER _____
- "B" - WATER HAMMER ARRESTOR
- FD - FLOOR DRAIN
- HD - HUB DRAIN
- FCO - FINISHED FLOOR CLEANOUT
- OSCO - OUTSIDE CLEANOUT W/ PAD
- HWH - HOT WATER HEATER
- FPWH - FROST PROOF WALL HYDRANT
- RCP - RECIRCULATING PUMP
- VTR - VENT THRU ROOF
- SV - STUDOR VENT
- WCO - WALL CLEANOUT

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



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PLUMBING PLAN

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P1-1

FOUNDATION DESIGNED FOR AN ALLOWABLE SOIL BEARING PRESSURE OF 2000 PSF. IF SOFT "PUMPING" SOILS ARE ENCOUNTERED OR IF FILL ACTIVITY IS CONDUCTED, A GEOTECHNICAL ENGINEER MUST VERIFY THE COMPACTION AND BEARING CAPACITY OF SOIL POURING CONCRETE.

- PLUMBING ROUGH-IN NOTES:
1. PLUMBER TO VERIFY ALL DIMENSIONS WITH PLUMBING FIXTURE MANUFACTURER'S SPECS PRIOR TO POURING SLAB.
 2. DESIGN BASIS USES THE FOLLOWING DIMENSIONS:
 - 12 1/2" FROM FACE OF STUD TO CENTER OF TOILET DRAIN
 - 15 1/2" FROM FACE OF STUD TO CENTER OF BIDET DRAIN
 - 10 1/2" FROM FACE OF STUD TO CENTER OF FREESTANDING TUB DRAIN
 - 12 1/2" FROM FACE OF STUD TO CENTER OF TUB/SHOWER DRAIN
 - SINK DRAIN CENTERED IN WALL
 3. BASIS OF DESIGN FOR FIXTURES IS KOHLER

