

RESTROOM & CONCESSION BUILDING

N.F.P.A. 1 & 101 - 2018 EDITION
 FIFC 2023 8TH EDITION
 FBC 2023 - 8TH EDITION

OCCUPANCY: PER SECTION 1004
 BUSINESS, GROUP "B"
 ASSEMBLY - GROUP "B"

CONSTRUCTION TYPE:
 TYPE V-B, COMBUSTIBLE (FBC 2023)

OCCUPANT LOAD:
 BUSINESS
 RESTROOMS BY FIXTURES:
 14 FIXTURES = 14 PEOPLE
 BUSINESS
 360 Sq Ft
 150 Sq Ft /PERSON = 3

ASSEMBLY - GROUP "B"
 121 Sq Ft
 15 Sq Ft /PERSON = 48
 TOTAL = 65 PEOPLE

MINIMUM NUMBER OF EXITS:
 PER SECTION 1006.3.1
 3 REQUIRED
 3 PROVIDED

DEAD END CORRIDOR:
 PER SECTION 1020.5
 20'-0" - NON SPRINKLERED

TRAVEL DISTANCE TO EXIT:
 PER SECTION 1016 TABLE 1017.2
 150'-0" - NON-SPRINKLERED

EXIT CAPACITY:
 PER SECTION 1006
 65 PEOPLE X .3 = 19.5" REQUIRED
 180" PROVIDED

EXIT WIDTH:
 MINIMUM WIDTH REQUIRED = 44"
 MINIMUM WIDTH PROVIDED = 44"

SEPERATION and PROTECTION FROM HAZARDS:

FIRST TO SECOND FLOOR STAIRS & ELEVATOR
 SHAFT ENCLOSURE 1 HOUR RATED
 MEETING SEC. 107 FIRE BARRIER
 FIRST TO SECOND FLOOR FLOOR SEPERATION
 1 HOUR RATED

ILLUMINATION OF MEANS OF EGRESS:
 PER SECTION 1008 FBC 2023

EMERGENCY LIGHTING:
 PER SECTION 1008.2

INTERIOR FINISHES WALL AND CEILING:
 PER SECTION 1210.2.2
 EXIT AND EXIT CORRIDORS: CLASS A or B
 OTHER AREAS: CLASS A, B or C

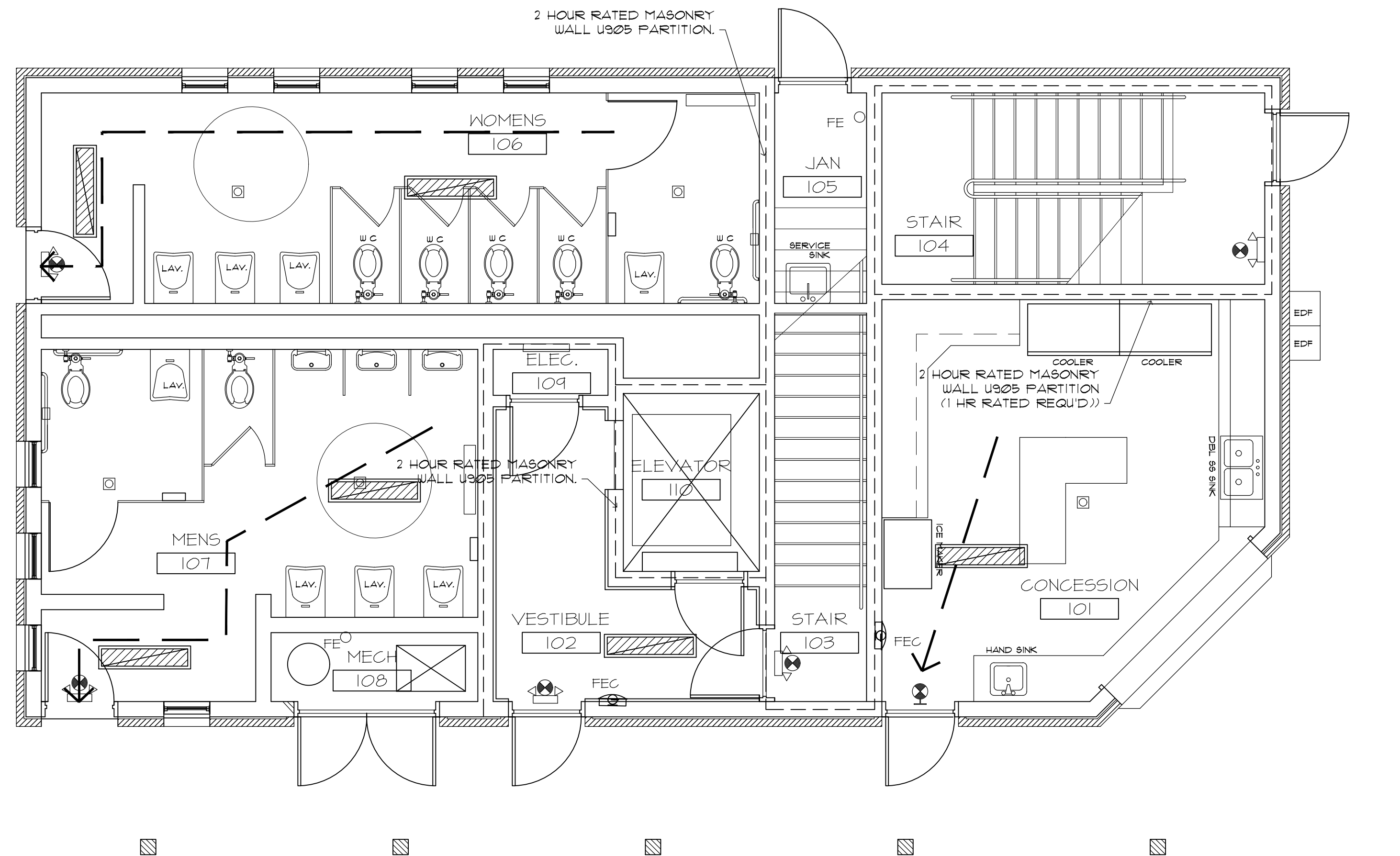
INTERIOR FINISHES AT FLOOR:
 PER SECTION 1210.2
 EXITS - CLASS 1 OR 2
 RESTROOMS - CLASS 1 OR 2

DETECTION, ALARM AND COMMUNICATIONS SYSTEMS:
 ALARM SYSTEM IS NOT REQUIRED AS PER FBC 2023, SECTION 907

EXTINGUISHMENT REQUIREMENTS:
 AUTOMATIC SPRINKLER SYSTEM IS
 SECTION 903 NOT REQUIRED PER FBC 2023
 FIRE EXTINGUISHER CABINETS ARE REQUIRED

PORTABLE FIRE EXTINGUISHERS & CABINETS ARE REQUIRED
 SECTION 906

DOOR THRESHOLDS
 THRESHOLDS TO BE AS PER FBGA 404.2.5

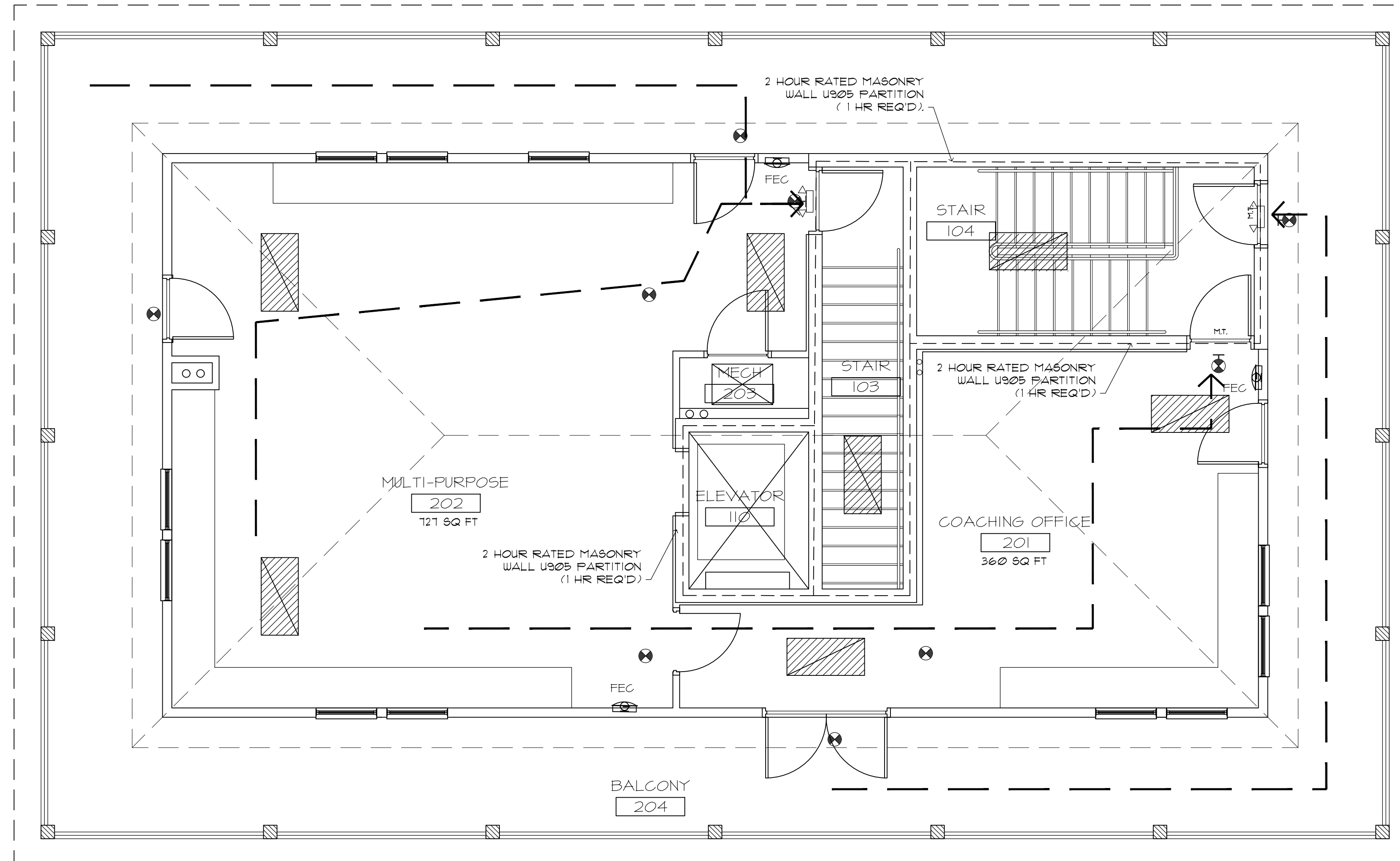


1. LIFE SAFETY 1ST FL PLAN RESTROOM / CONCESSION BLDG

FIRST FLOOR
 1ST FL ENCLOSED AREA = 1555 SQ. FT.
 1ST FL PORCH AREA = 1091 SQ. FT.
 TOTAL 1ST FL AREA = 2,646 SQ. FT.

SECOND FLOOR
 2ND FL ENCLOSED AREA = 1519 SQ. FT.
 2ND FL PORCH AREA = 1133 SQ. FT.
 TOTAL 2ND FL AREA = 2,652 SQ. FT.

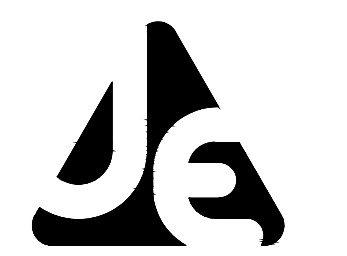
TOTAL:
 TOTAL ENCLOSED AREA = 3,074 SQ. FT.
 TOTAL PORCH AREA = 2,224 SQ. FT.
 TOTAL COVERED AREA = 5,298 SQ. FT.



2. LIFE SAFETY 2ND FL PLAN



AR 0011375
 14346 SANDARAC DRIVE
 BOKEELIA, FLORIDA 33922
 (850)-496-5735



JENKINS ENGINEERING, INC.
 121 HART STREET
 NICEVILLE, FLORIDA 32578
 PHONE: 850.246.5141
 FAX: 850.246.2466
 JECIVIL.COM
 C.O.A. NO. 9927

NO SEAL IS SHOWN
 CLICK TO CHANGE

REV	DATE	DESCRIPTION

FT WALTON BEACH PARK
 HOLLYWOOD BLVD.
 FT. WALTON BEACH • FLORIDA

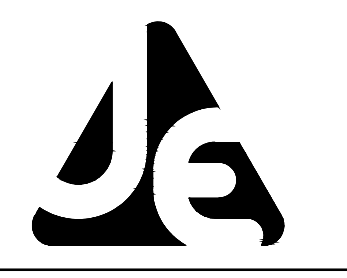
JOB:
 DATE: 02/20/24
 DESIGNED:
 DRAWN:

BAR IS ONE INCH ON ORIGINAL
 1"

IF NOT ONE INCH ON THIS SHEET
 ADJUST SCALES ACCORDINGLY

DRAWING NUMBER

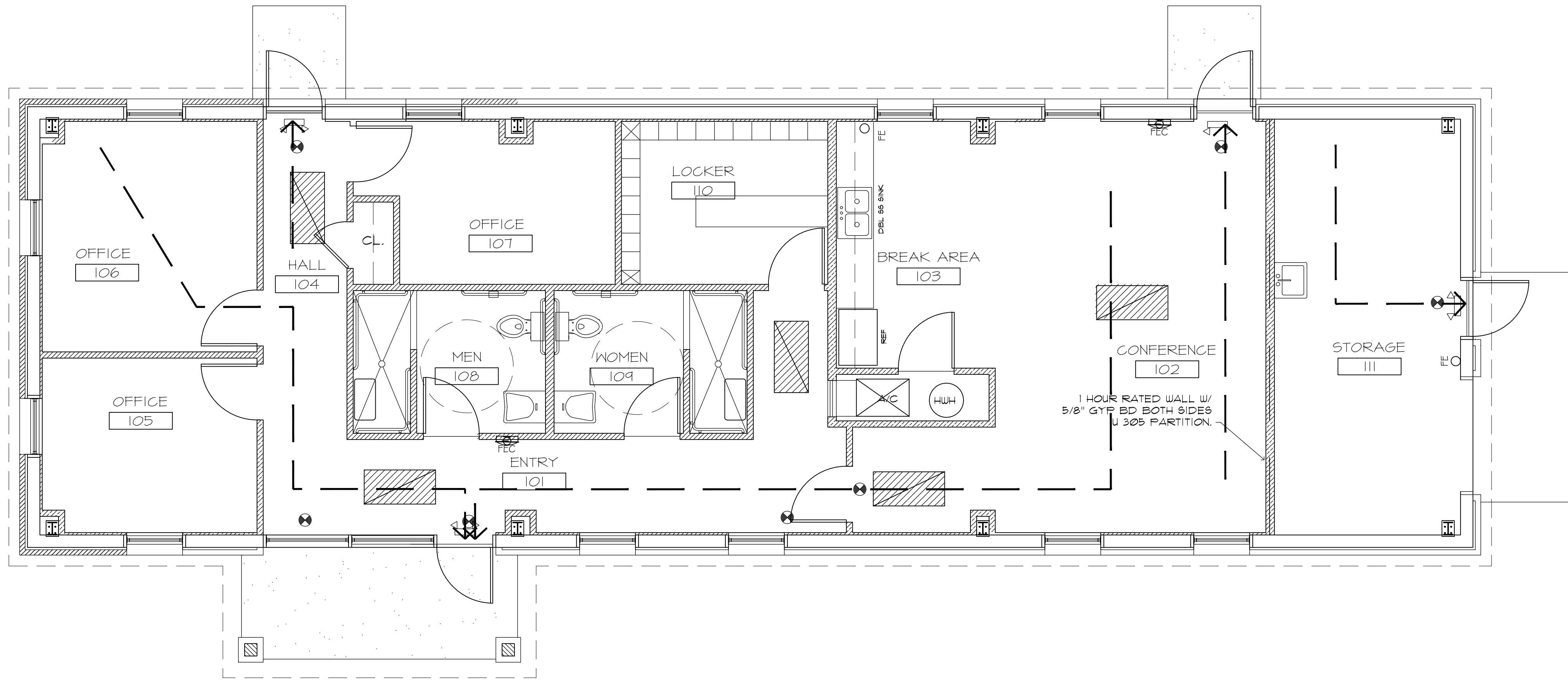
SHEET NUMBER
 A3.1



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1. LIFE SAFETY PLAN

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

RECREATION BUILDING

CONDITION AREA	= 1,518 SQ. FT.
STORAGE AREA	= 286 SQ. FT.
PORCH AREA	= 89 SQ. FT.
TOTAL AREA	= 1,953 SQ. FT.

N.F.P.A. I & 101 - 2018 EDITION
 FFPC 2023 7TH EDITION
 FBC 2023 - 7TH EDITION

OCCUPANCY:
 BUSINESS

CONSTRUCTION TYPE:
 TYPE II B, NON-COMBUSTIBLE (FBC 2023)

OCCUPANT LOAD: PER SECTION 1004
 OFFICE SPACE
 BUSINESS (1 PERSON PER 150 SF) 2,023 SF = 14 PEOPLE

MINIMUM NUMBER OF EXITS: PER SECTION 1006.3.1
 2 REQUIRED
 2 PROVIDED

DEAD END CORRIDOR:
 PER SECTION 1020.5
 20'-0" - UNSPRINKLERED

COMMON PATH OF TRAVEL:
 PER SECTION 1006 TABLE 1011.2
 100'-0" - UNSPRINKLERED

EXIT CAPACITY:
 PER SECTION 1006
 14 PEOPLE X 4.2 = 36" REQUIRED
 72" PROVIDED

SEPERATION and PROTECTION FROM HAZARDS:
 AREAS THAT REQUIRE 1 HR SEPERATION
 6A WPI012

ILLUMINATION OF MEANS OF EGRESS:
 PER SECTION 1008

EMERGENCY LIGHTING:
 PER SECTION 1008.2

INTERIOR FINISHES WALL AND CEILING:
 PER SECTION 803
 EXIT AND EXIT CORRIDORS: CLASS A or B
 OTHER AREAS: CLASS A, B or C

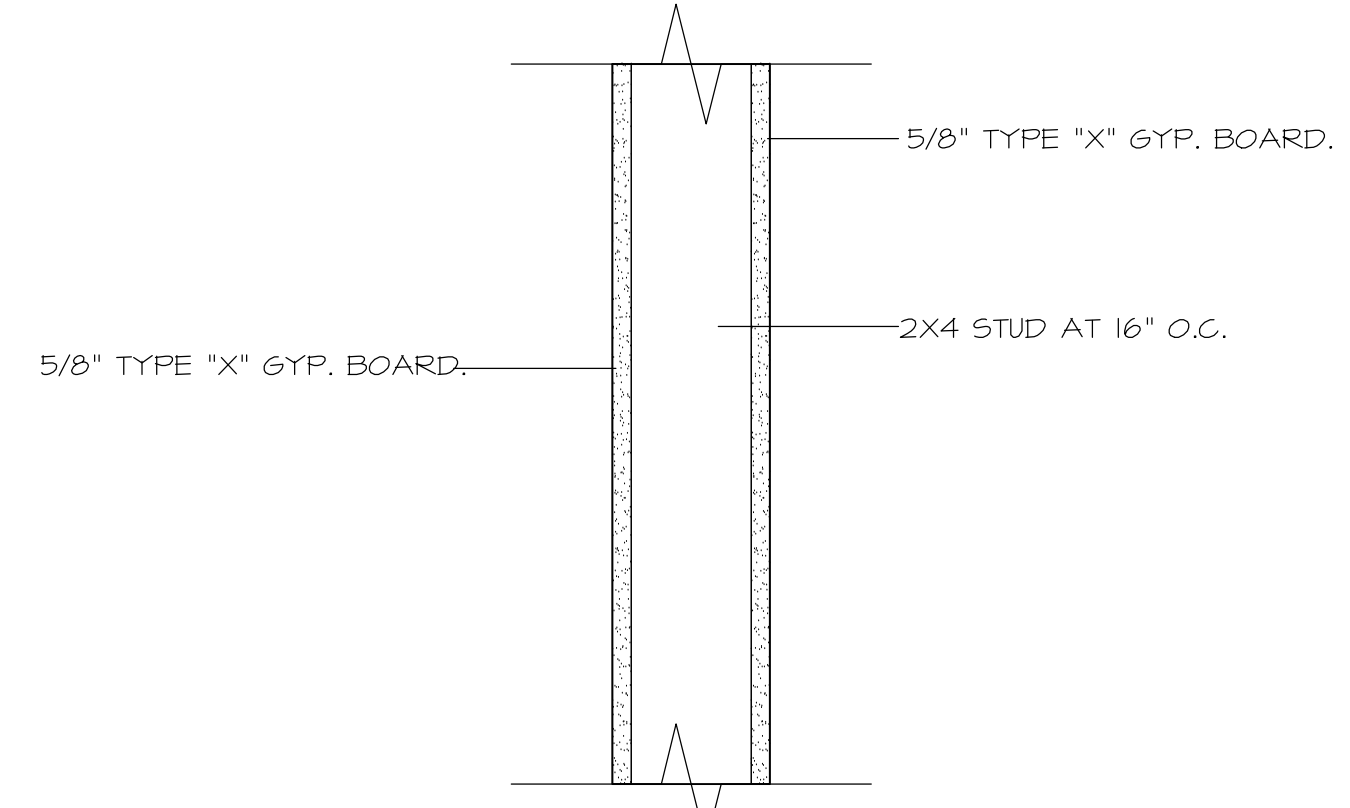
INTERIOR FINISHES AT FLOOR:
 PER SECTION 804
 EXITS - CLASS 1 OR 2

DETECTION, ALARM AND COMMUNICATIONS SYSTEMS:
 ALARM SYSTEM IS NOT REQUIRED AS PER
 FBC 2020, SECTION 907

EXTINGUISHMENT REQUIREMENTS:
 AUTOMATIC SPRINKLER SYSTEM IS
 SECTION 903 NOT REQUIRED PER FBC 2023

PORTABLE FIRE EXTINGUISHERS & CABINETS ARE
 REQUIRED SECTION 906, 2023 FBC

- NOTES:**
1. WALL IS U.L. DESIGN U305 - 1 HOUR RATED WALL ASSEMBLY.
 2. WOOD STUDS ARE TO EXTEND FROM FLOOR TO DECK ABOVE.
 3. TYPE "X" GYPSUM BOARD IS TO EXTEND FROM FLOOR TO DECK ABOVE.
 4. FIRE CAULK JOINT BETWEEN GYPSUM BOARD AND DECK ABOVE.
 5. FIRE CAULK ALL PENETRATIONS.



1 HR RATED PARTITION TYPE
 SCALE : 1-1/2" = 1'-0"

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REV	DATE	DESCRIPTION

FT WALTON BEACH PARK
 HOLLYWOOD BLVD.
 FT. WALTON BEACH • FLORIDA

NOT VALID UNLESS BEARING ENGINEER'S ORIGINAL SIGNATURE



AR 0011375
 14346 SANDARAC DRIVE
 BOKEELIA, FLORIDA 33922
 (850)-496-5735

JOB:
 DATE: 02/20/24
DESIGNED:
DRAWN:
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 ADJUST SCALES ACCORDINGLY

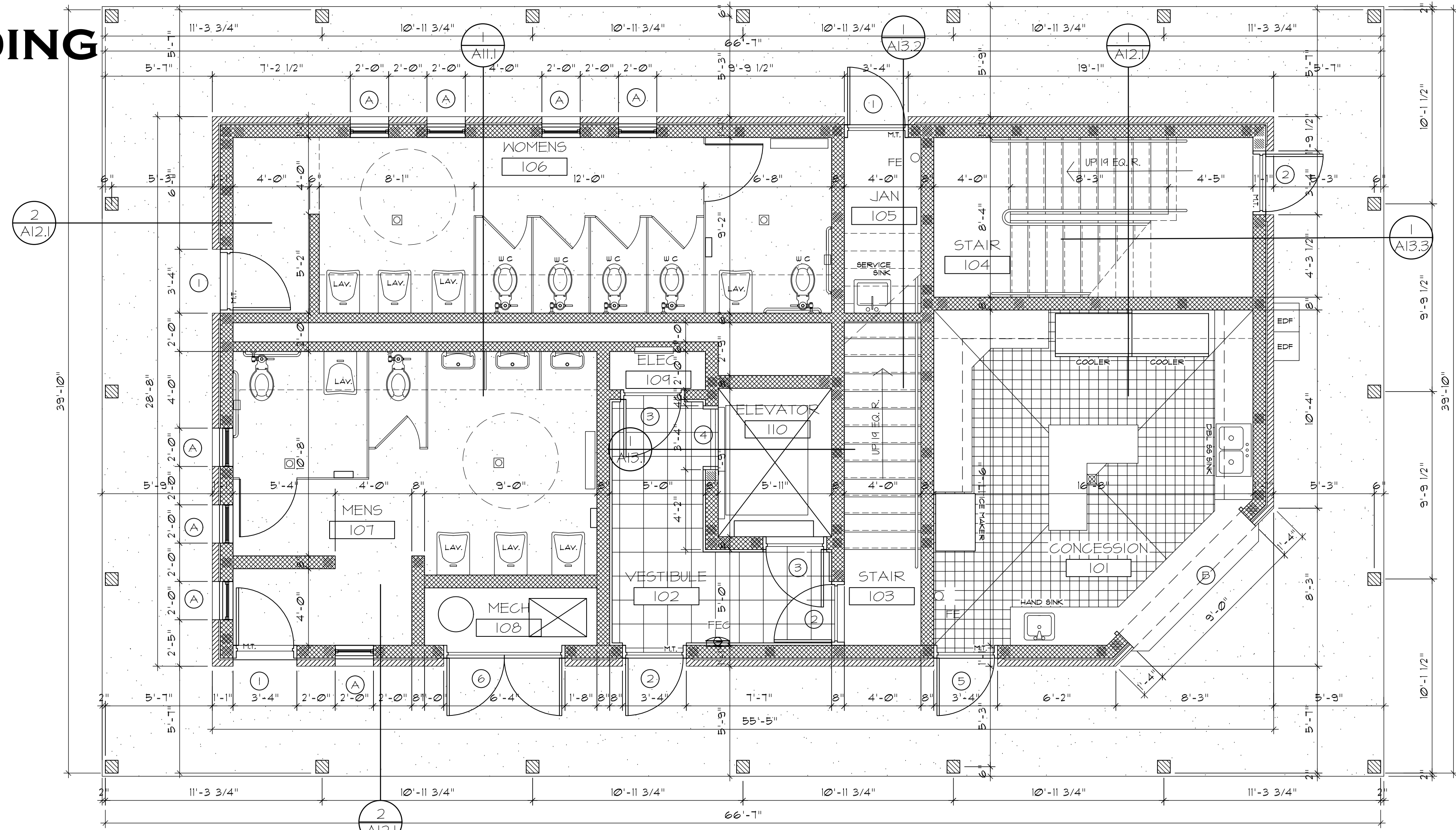
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SHEET NUMBER
A3.2

RECREATION BUILDING

RESTROOM & CONCESSION BUILDING

GENERAL NOTES:

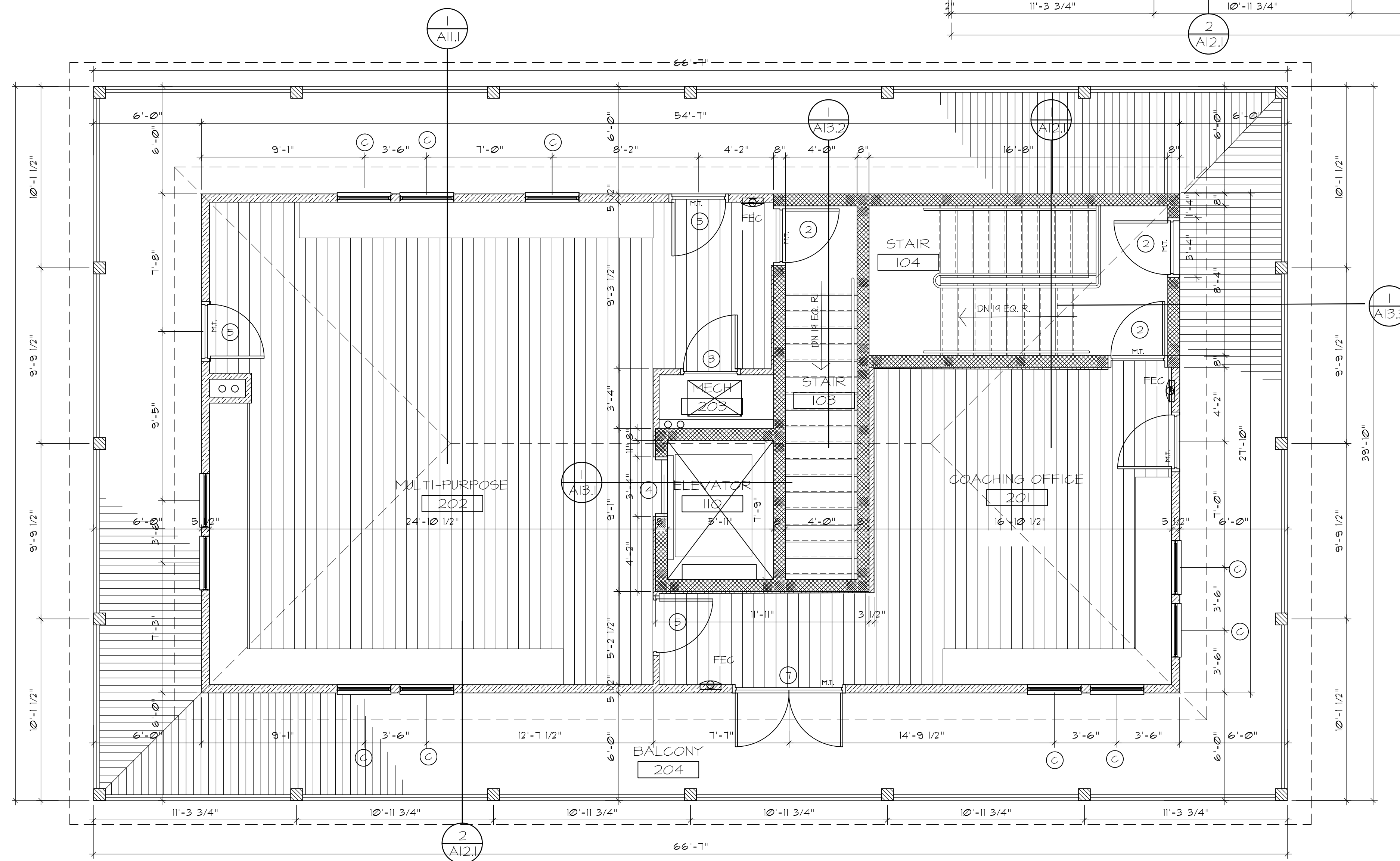
- All construction to be performed in accordance with the Florida Building Code, 2023 8th Edition, Florida Fire Code, 2023, 8th Edition, Florida Plumbing Code, 2023, 8th Edition, Florida Electrical Code, 2023, 8th Edition, NFPA, 1 & 101 - 2018 EDITION.
- AIA Document A201, General Conditions of the Contract for Construction, 2007 Edition, shall be part of contract for any work included in these plans and specifications.
- All work shall be performed in accordance with all applicable national, state, and local codes and regulations.
- Contractor shall obtain all local and state permits as required before start of construction.
- The contractor shall provide any surveys, testing or engineering required to insure safe and complete construction.
- Contractor shall pass all inspections and approvals as required by local authorities during course of construction.
- Contractor shall verify all existing conditions before commencing work.
- Contractor shall verify all dimensions before construction begins. Any discrepancies shall be brought to the Architects attention.
- Contractor shall get all approvals from Okaloosa County, FL and governing agencies prior to beginning any work.
- Contractor shall keep an accurate record of all changes marked in ink on the contract documents during construction, including location of all underground utilities. Contractor shall furnish owner and architect a copy of this record before acceptance is recorded.
- Contractor shall secure and obtain the certificate of occupancy from local authorities before final payment will be issued.
- These drawings have been drawn and checked to insure a reasonable and normally acceptable degree of accuracy. However, the contractor is responsible for checking all dimensions, details and requirements of these plans and specifications prior to start of work.
- The sheets in these construction documents are complementary to each other; what is called for by one shall be binding as if called for by all.
- All dimensions should be read and calculated and never scaled.
- All wall dimensions are taken to the face edge of the stud, unless noted otherwise.
- Contractor shall ask for details whenever uncertain about methods of installation. Lack of details not requested shall not excuse improper installation and correction shall be responsibility of contractor.



1. 1ST FLOOR PLAN RESTROOM / CONCESSION BLDG

1ST FL ENCLOSED AREA = 1555 SQ. FT.
1ST FL PORCH AREA = 1031 SQ. FT.
TOTAL 1ST FL AREA = 2686 SQ. FT.

TOTAL ENCLOSED AREA = 3,074 SQ. FT.
TOTAL PORCH AREA = 2,230 SQ. FT.
TOTAL COVERED AREA = 5,304 SQ. FT.

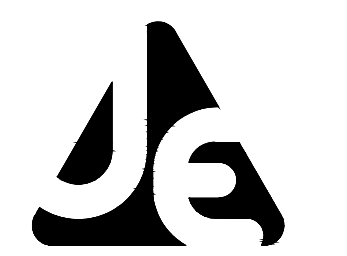


2. 2ND FLOOR PLAN

2ND FL ENCLOSED AREA = 1519 SQ. FT.
2ND FL PORCH AREA = 1133 SQ. FT.
TOTAL 2ND FL AREA = 2652 SQ. FT.



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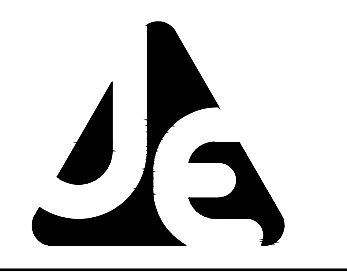
FT WALTON BEACH PARK
HOLLYWOOD BLVD.
FT. WALTON BEACH • FLORIDA

NOT VALID UNLESS BEARING ENGINEER'S ORIGINAL SIGNATURE

JOB: FT WALTON BEACH PARK
DATE: 02/20/24
DESIGNED: [Signature]
DRAWN: [Signature]

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ADJUST SCALES ACCORDINGLY

DRAWING NUMBER
SHEET NUMBER
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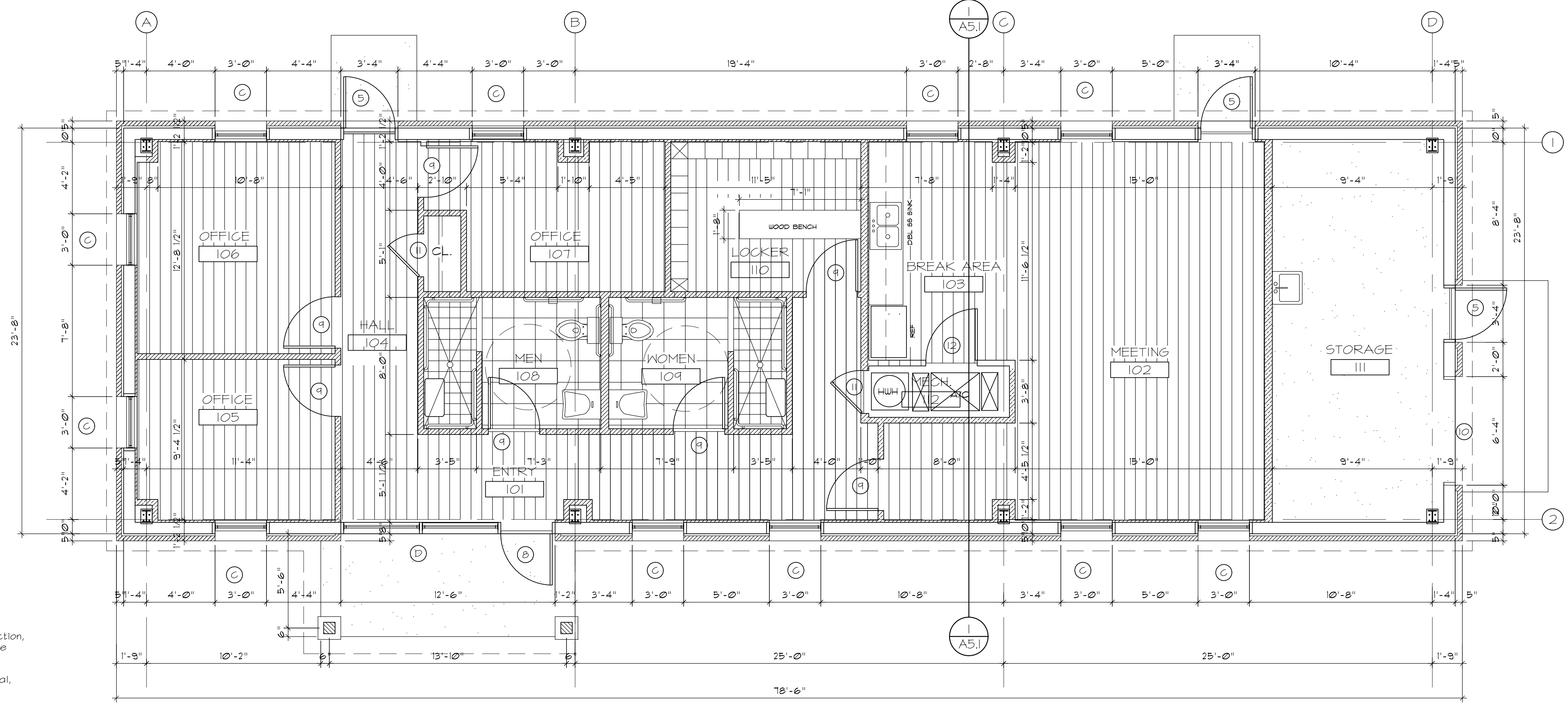
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REV	DATE	DESCRIPTION

FT WALTON BEACH PARK
 HOLLYWOOD BLVD.
 FT. WALTON BEACH • FLORIDA

JOB:
DATE: 02/20/24
DESIGNED:
DRAWN:
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DRAWING NUMBER
SHEET NUMBER
A4.2



1. FLOOR PLAN

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

RECREATION BUILDING

CONDITION AREA	= 1578 SQ. FT.
STORAGE AREA	= 286 SQ. FT.
FORCH AREA	= 89 SQ. FT.
TOTAL AREA	= 1953 SQ. FT.

GENERAL NOTES:

- All construction to be performed in accordance with the Florida Building Code, 2023, 8th addition, Florida Fire Code, 2023 8th Edition, Florida Plumbing Code, 2023 8th Edition, Florida Electric Code, 2023 8th Edition.
- AIA Document A201, General Conditions of the Contract for Construction, 2007 Edition, shall be part of contract for any work included in these plans and specifications.
- All work shall be performed in accordance with all applicable national, state, and local codes and regulations.
- Contractor shall obtain all local and state permits as required before start of construction.
- The contractor shall provide any surveys, testing or engineering required to insure safe and complete construction.
- Contractor shall pass all inspections and approvals as required by local authorities during course of construction.
- Contractor shall verify all existing conditions before commencing work.
- Contractor shall verify all dimensions before construction begins. Any discrepancies shall be brought to the Architects attention.
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- All dimensions should be read and calculated and never scaled.
- All wall dimensions are taken to the face edge of the stud, unless noted otherwise.
- Contractor shall ask for details whenever uncertain about methods of installation. Lack of details not requested shall not excuse improper installation and correction shall be responsibility of contractor.

RECREATION BUILDING

2. DOOR SCHEDULE

MARK	DESCRIPTION	ELEV.	FRAME	GLAZING	WIND PRESSURE		MFGR #	REMARKS
					APPLIED	DESIGN		
CONCESSION BUILDING								
1.	3'-0" X 7'-0" X 1-3/4" METAL DR	1A5.1	METAL	--NONE--	-42/431	-55/455	ALTECH CORP	EXTERIOR
2.	3'-0" X 7'-0" X 1-3/4" METAL DR	2A5.1	METAL	WIRE GLASS	-42/431	-55/455	ALTECH CORP	1 HR RATED
3.	3'-0" X 7'-0" X 1-3/4" METAL DR	3A5.1	METAL	--NONE--	-42/431	-55/455	OVERHEAD 650	1 HR RATED
4.	3'-0" X 7'-0" X 1-3/4" METAL DR	4A5.1	METAL	--NONE--	-42/431	-55/455		ELEVATOR/1 HR RATED
5.	3'-0" X 7'-0" X 1-3/4" METAL DR	4A5.1	METAL	SAFETY GLASS	-42/431	-55/455	ALTECH CORP	EXTERIOR
6.	2'-3'-0" X 7'-0" X 1-3/4" METAL DR	4A5.1	METAL	--NONE--	-42/431	-55/455	ALTECH CORP	EXTERIOR
7.	2'-3'-0" X 7'-0" X 1-3/4" METAL DR	4A5.1	METAL	SAFETY GLASS	-42/431	-55/455	ALTECH CORP	EXTERIOR
RECREATION BUILDING								
8.	3'-0" X 7'-0" X 1-3/4" METAL DR	4A5.1	ALUM	IMPACT RESIS./INSUL.	-42/431	-55/455		STOREFRONT
9.	3'-0" X 6'-8" X 1-3/4" WOOD DR	4A5.1	WOOD	--NONE--	-42/431	-55/455		INTERIOR
10.	6'-0" X 7'-0" GARAGE DOOR	4A5.1	METAL	--NONE--	-42/431	-55/455	OVERHEAD DR	GARAGE DOOR
11.	3'-0" X 6'-8" X 1-3/4" WOOD DR	4A5.1	WOOD	--NONE--	-42/431	-55/455		INTERIOR
12.	3'-0" X 6'-8" X 1-3/4" WOOD DR	4A5.1	WOOD	--NONE--	-42/431	-55/455		INTERIOR

NOTE: PROVIDE WIRE GLASS IN RATED DOORS.
 ALL OTHER DOORS TO BE SAFETY AND IMPACT RESISTANT
 ALL DOOR HARDWARE AND LOCKS TO BE SELECTED BY OWNER.
 INTERIOR WOOD DOORS TO BE SOLID CORE MDF PAINT GRADE.

1. ROOM FINISH SCHEDULE

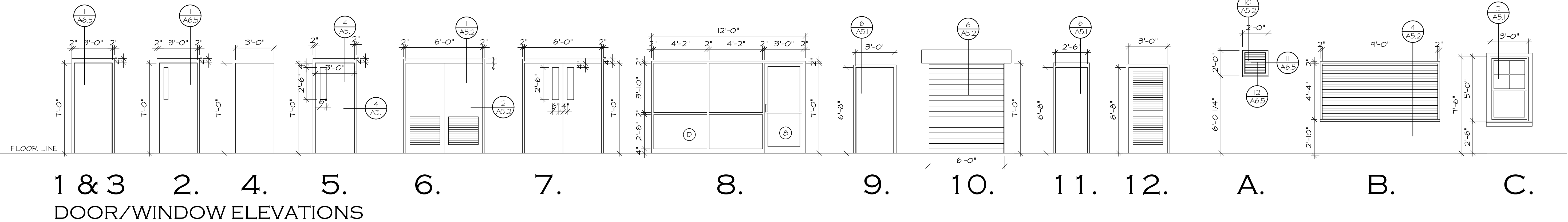
RM. NO.	ROOM NAME	FLOOR	BASE	WALLS	CEILING	CLG. HGT.	REMARKS	RM. NO.						
									NONSLIP TILE	ISAELED CONC	NONSLIP QUARRY CONCRETE	VINYL PLANK	WOOD BASE	CERAMIC TILE
CONCESSION BUILDING														
FIRST FLOOR														
101	CONCESSION	1	3	2	1	2		101						
102	VESTIBULE						4	102						
103	STAIR		2				4	103						
104	STAIR		2				4	104						
105	JANITOR		2				4	105						
106	WOMEN			2			4	106						
107	MEN			2			4	107						
108	MECHANICAL		2				4	108						
109	ELECTRICAL		2				4	109						
110	ELEVATOR			4			3	110						
111	PORCH			4			3	111						
SECOND FLOOR														
201	COACHING OFFICE		5	1			3	201						
202	MULTI-PURPOSE		5	1			3	202						
203	MECHANICAL		2				4	203						
204	BALCONY						3	204						
RECREATION BUILDING														
101	ENTRY			5			1	101						
102	MEETING ROOM			5			1	102						
103	BREAK ROOM			5			1	103						
104	HALL			5			1	104						
105	OFFICE			5			1	105						
106	OFFICE			5			1	106						
107	OFFICE			5			1	107						
108	MEN			1			2	108						
109	WOMEN			1			2	109						
110	LOCKER ROOM			1			2	110						
111	STORAGE			2			3	111						
112	MECHANICAL			2			4	112						

NOTES: 1. ALL GYPSUM DRYWALL TO BE 5/8" THICK.
 2. SMOOTH TEXTURE ON DRYWALL FINISH.
 3. PAINTED SURFACES TO BE PRIMED WITH 2 FINISH COATS.
 4. WALL PAINT TO BE SATIN FINISH EXCEPT AS NOTED.
 5. PROVIDE BLOCK FILLER ON PAINTED CMU WALLS.

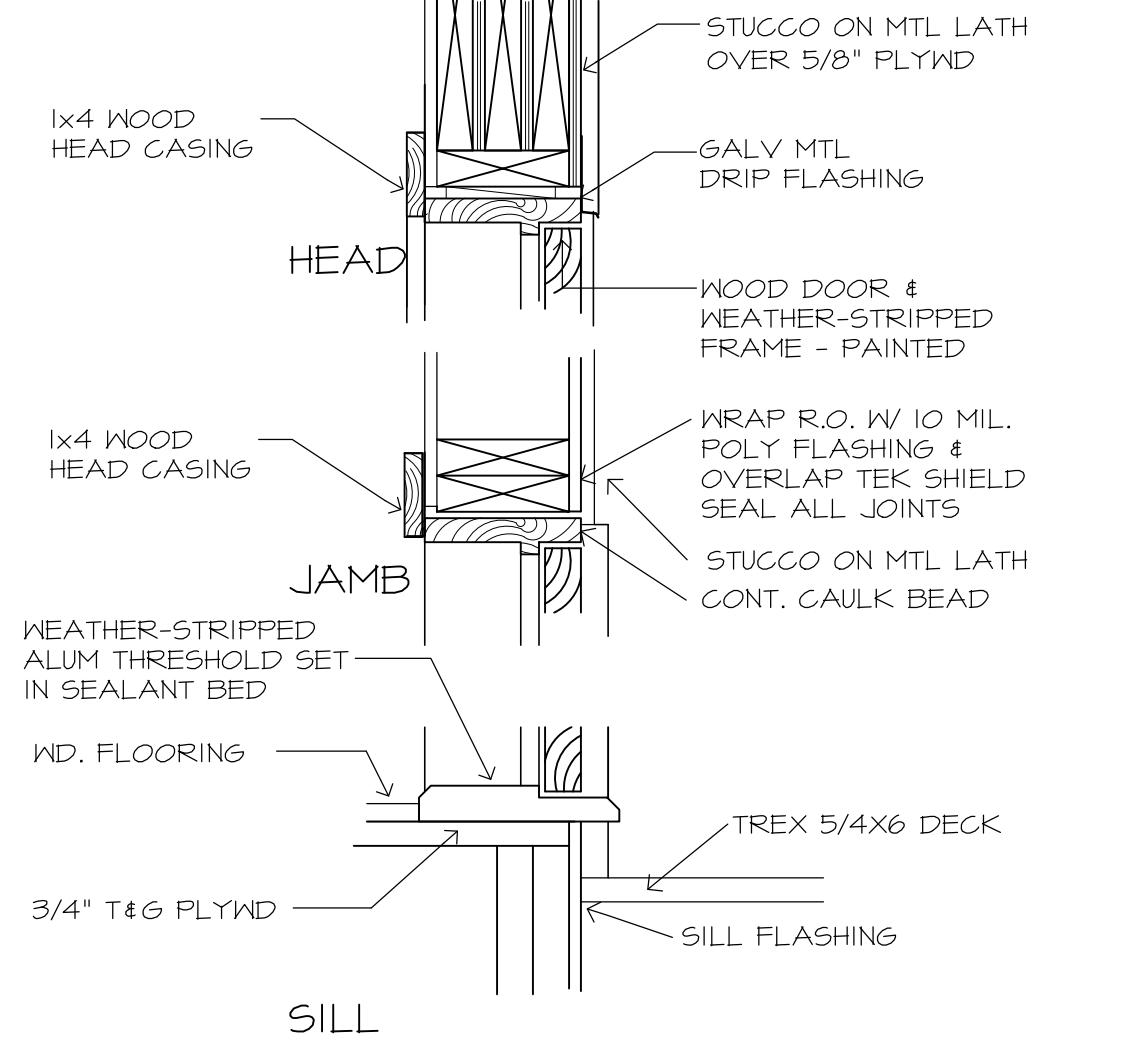
3. WINDOW SCHEDULE

MARK	DESCRIPTION	ELEV.	FRAME	GLAZING	WIND PRESSURE		MFGR #	REMARKS
					APPLIED	DESIGN		
CONCESSION BUILDING								
A.	2'-0" X 2'-0" LOUVER	A-A5.1	H.M.	--NONE--	-42/431	-55/455	GREENHECK	W/ INSECT SC
B.	9'-4" X 4'-0" MTL COILING DOOR	B-A5.1	METAL	--NONE--	-42/431	-55/455	OVERHEAD 650	1 HR RATED
C.	3'-0" X 5'-0" SINGLE HUNG	C-A5.1	VINYL	IMPACT RESIS./INSUL.	-42/431	-55/455		HEAD HT T'-6" W/ INSECT SC
RECREATION BUILDING								
C.	3'-0" X 5'-0" SINGLE HUNG	C-A5.1	VINYL	IMPACT RESIS./INSUL.	-42/431	-55/455		HEAD HT T'-6" W/ INSECT SC
D.	12'-0" X 7'-2" STOREFRONT	D-A5.1	ALUM	IMPACT RESIS./INSUL.	-42/431	-55/455		ALUM. STOREFRONT

NOTE: ALL WINDOWS TO BE LOW 'E' INSULATED AND IMPACT RESISTANT

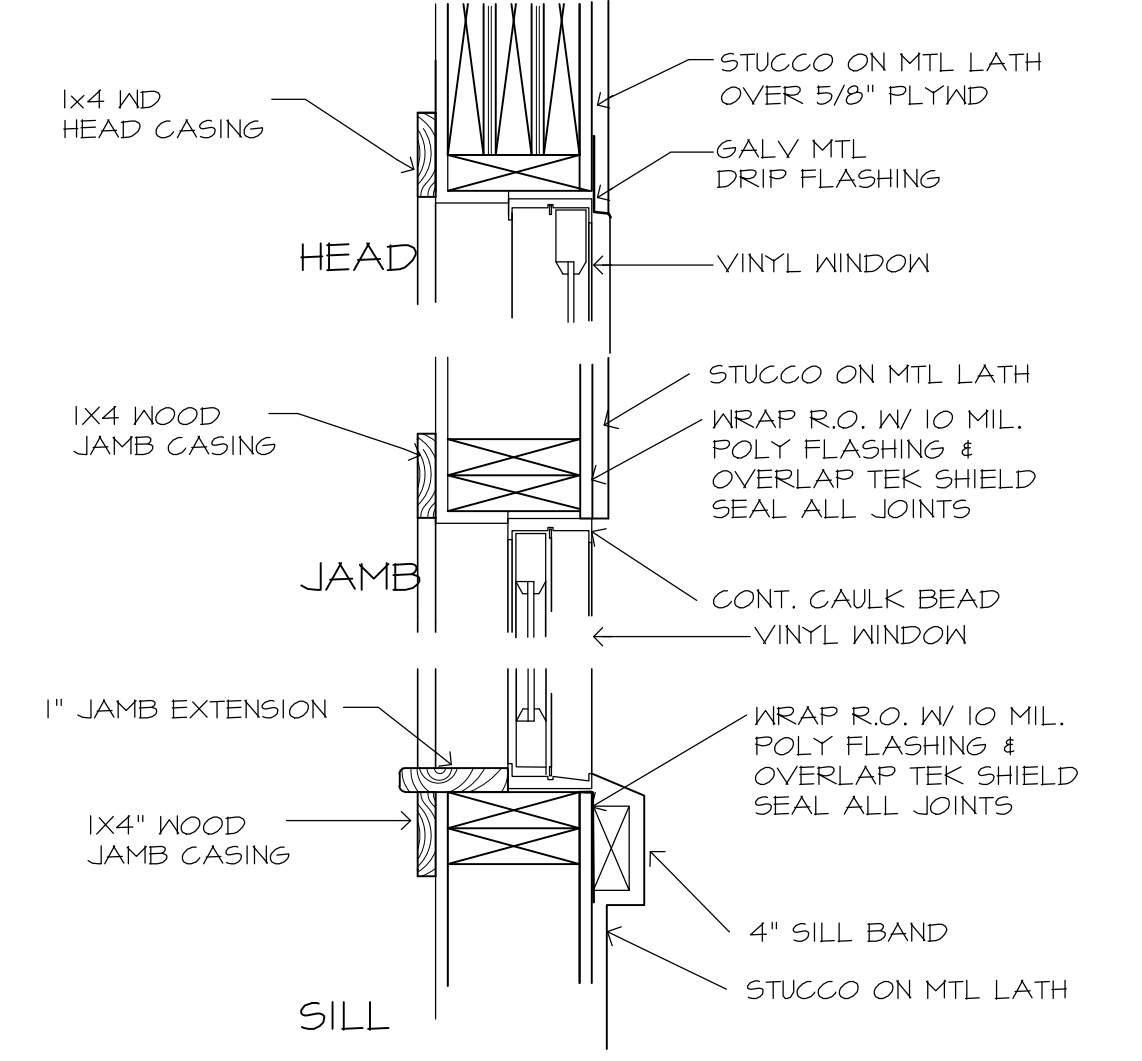


1 & 3 2 4 5 6 7 8 9 10 11 12 A B C
DOOR/WINDOW ELEVATIONS



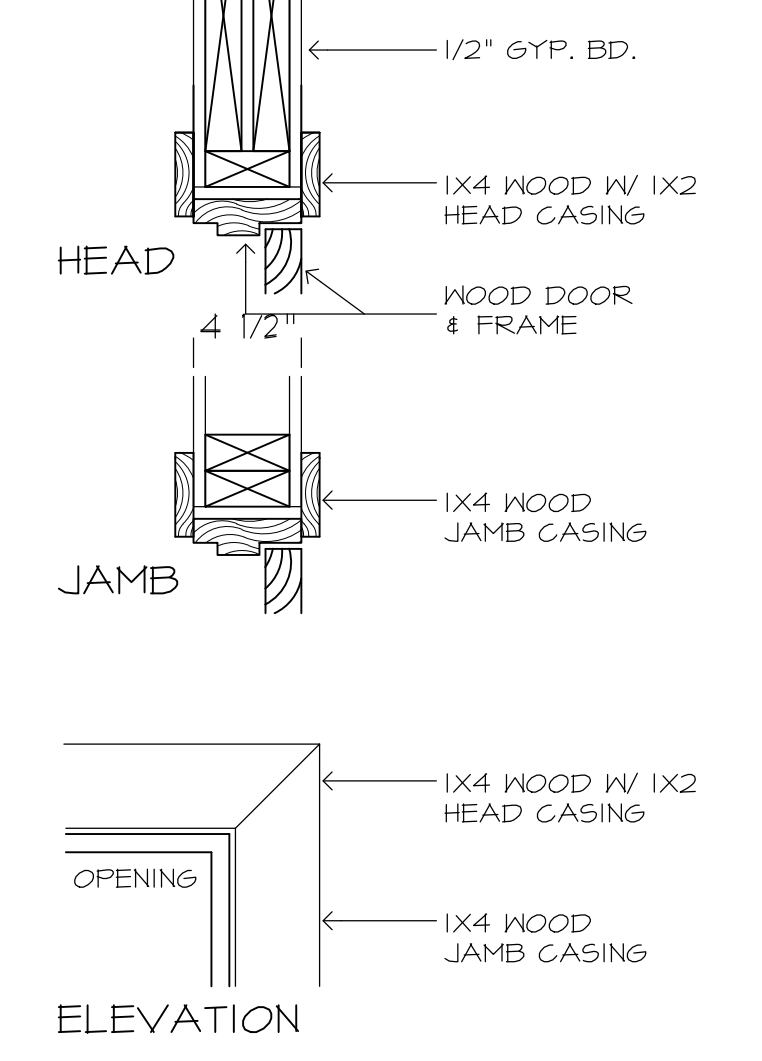
4. DOOR DETAIL

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



5. WINDOW DETAIL

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



6. INT. DR. DETAIL

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



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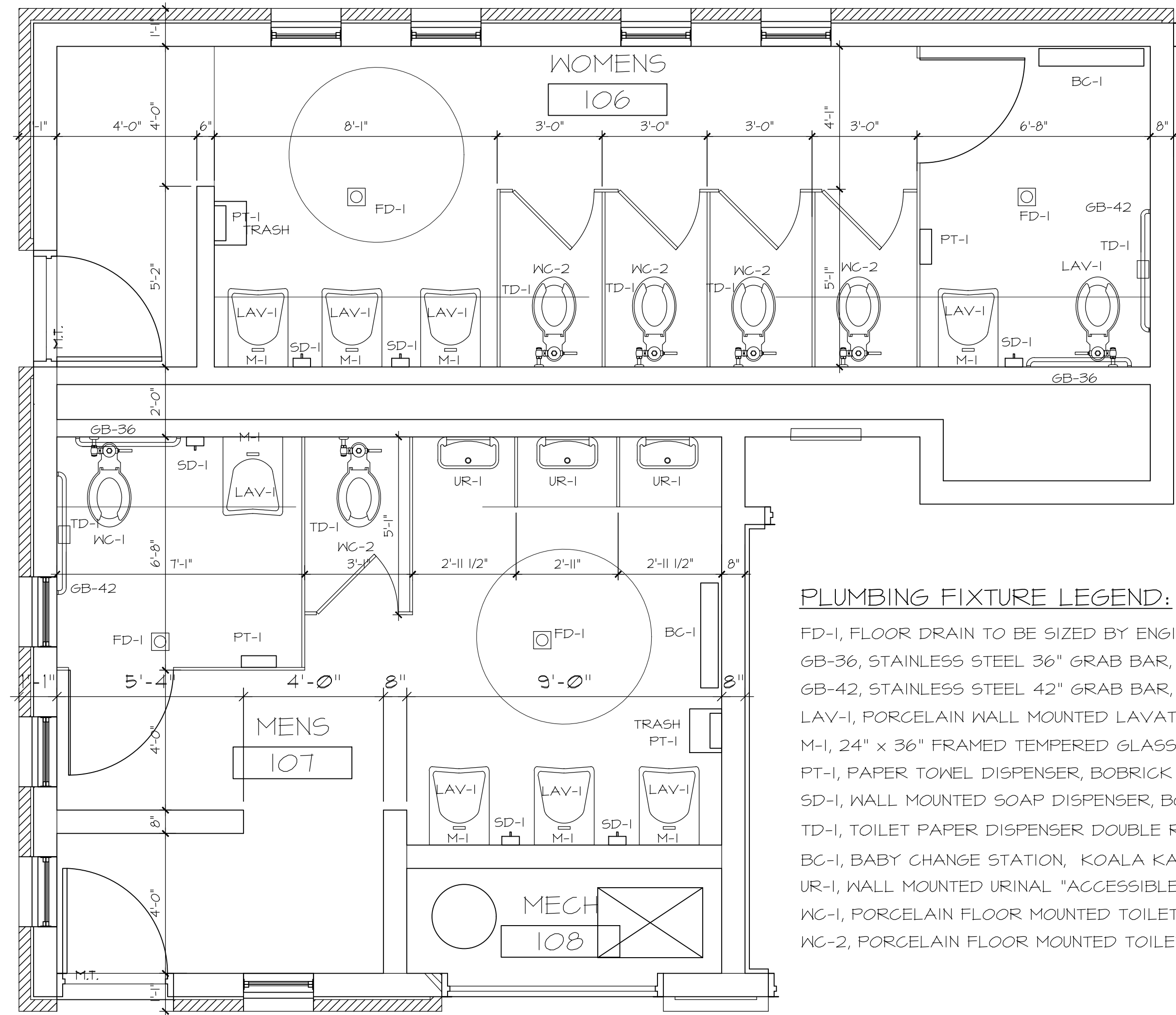
NO SEAL IS SHOWN
 CLICK TO CHANGE

REV	DATE	DESCRIPTION

FT WALTON BEACH PARK
 HOLLYWOOD BLVD.
 FT. WALTON BEACH • FLORIDA

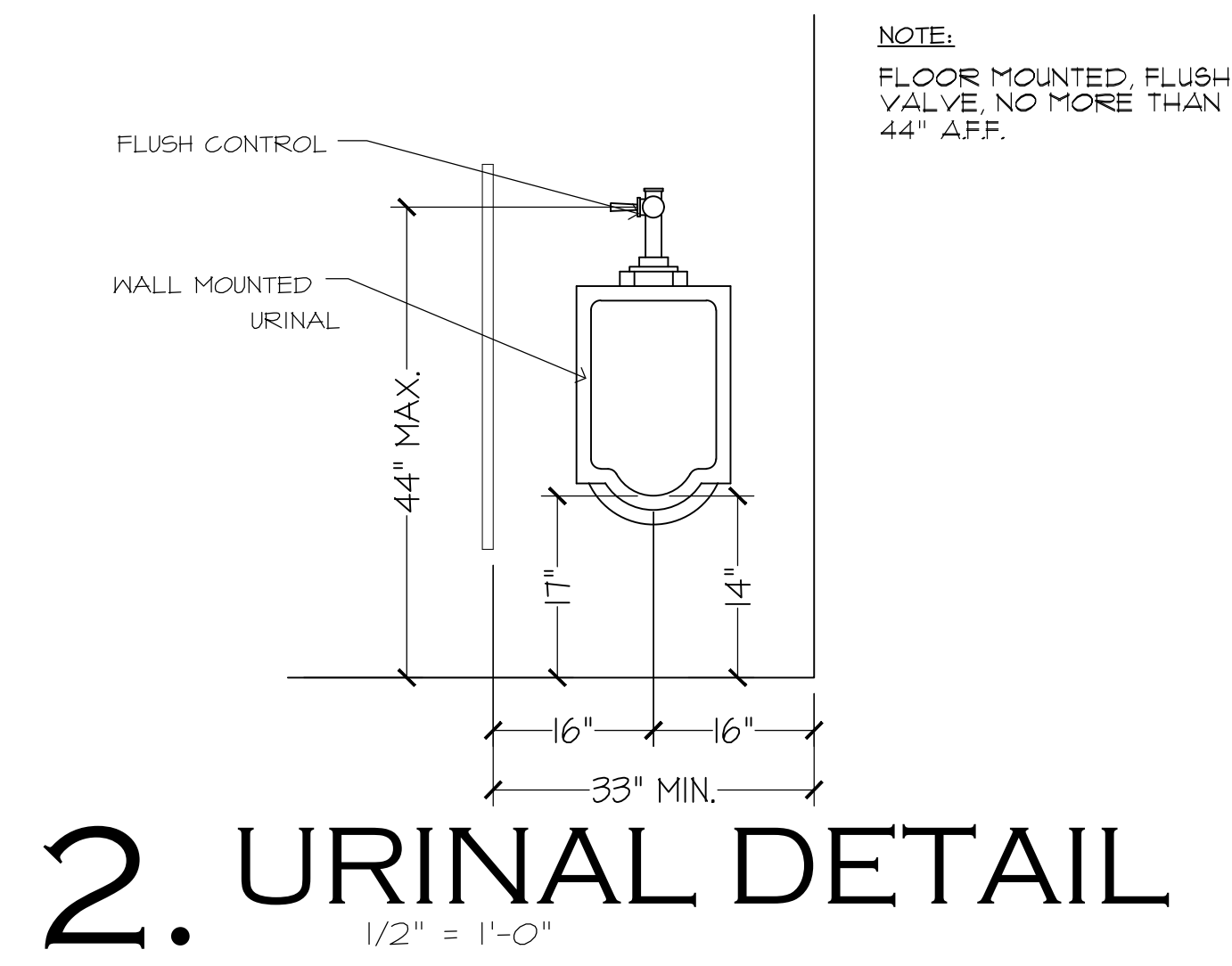
NOT VALID UNLESS BEARING ENGINEER'S ORIGINAL SIGNATURE

JOB:	
DATE:	02/20/24
DESIGNED:	
DRAWN:	
BAR IS ONE INCH ON ORIGINAL	
IF NOT ONE INCH ON THIS SHEET ADJUST SCALES ACCORDINGLY	
DRAWING NUMBER	
SHEET NUMBER	A 5.1



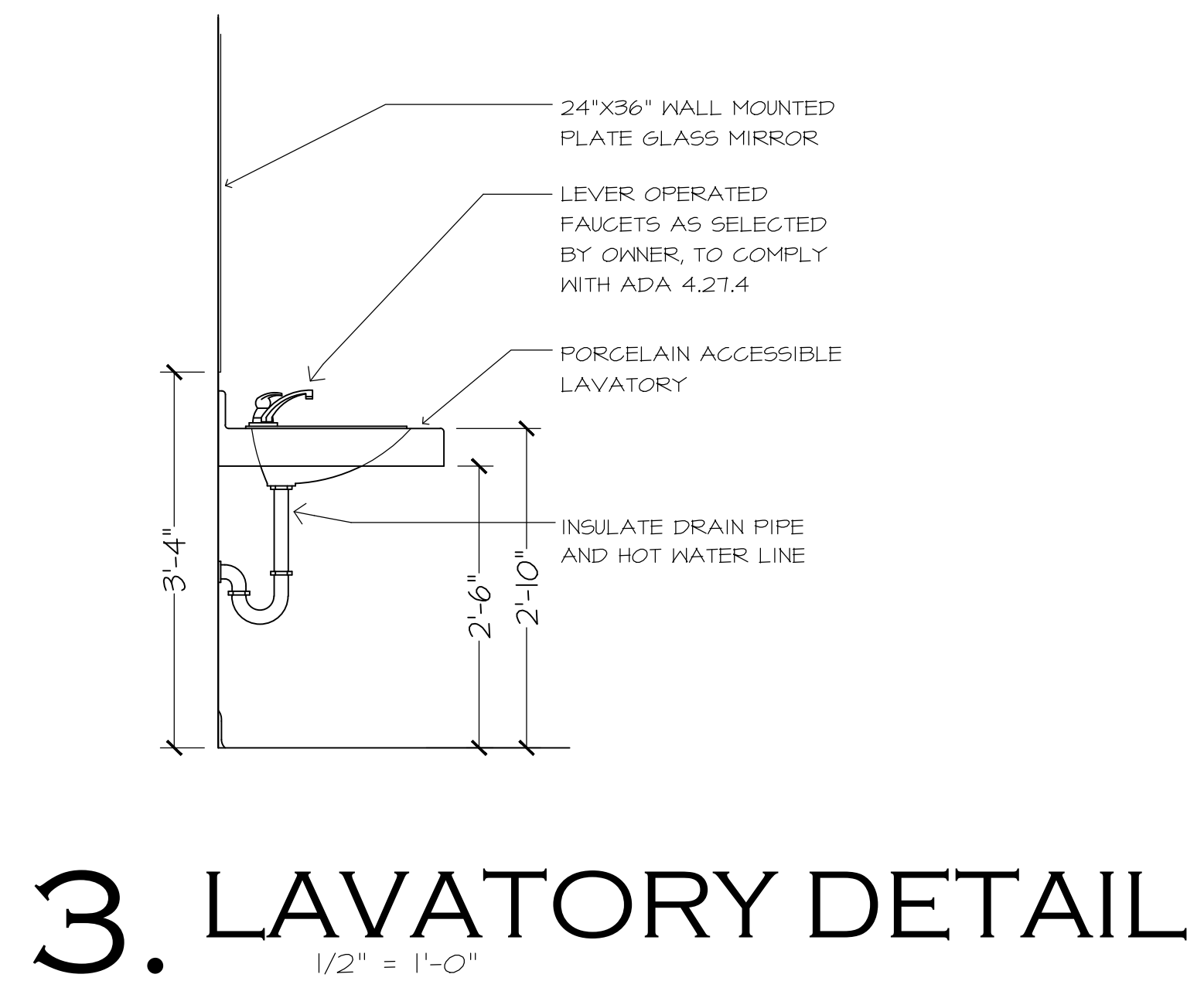
1. RESTROOM PLANS

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



2. URINAL DETAIL

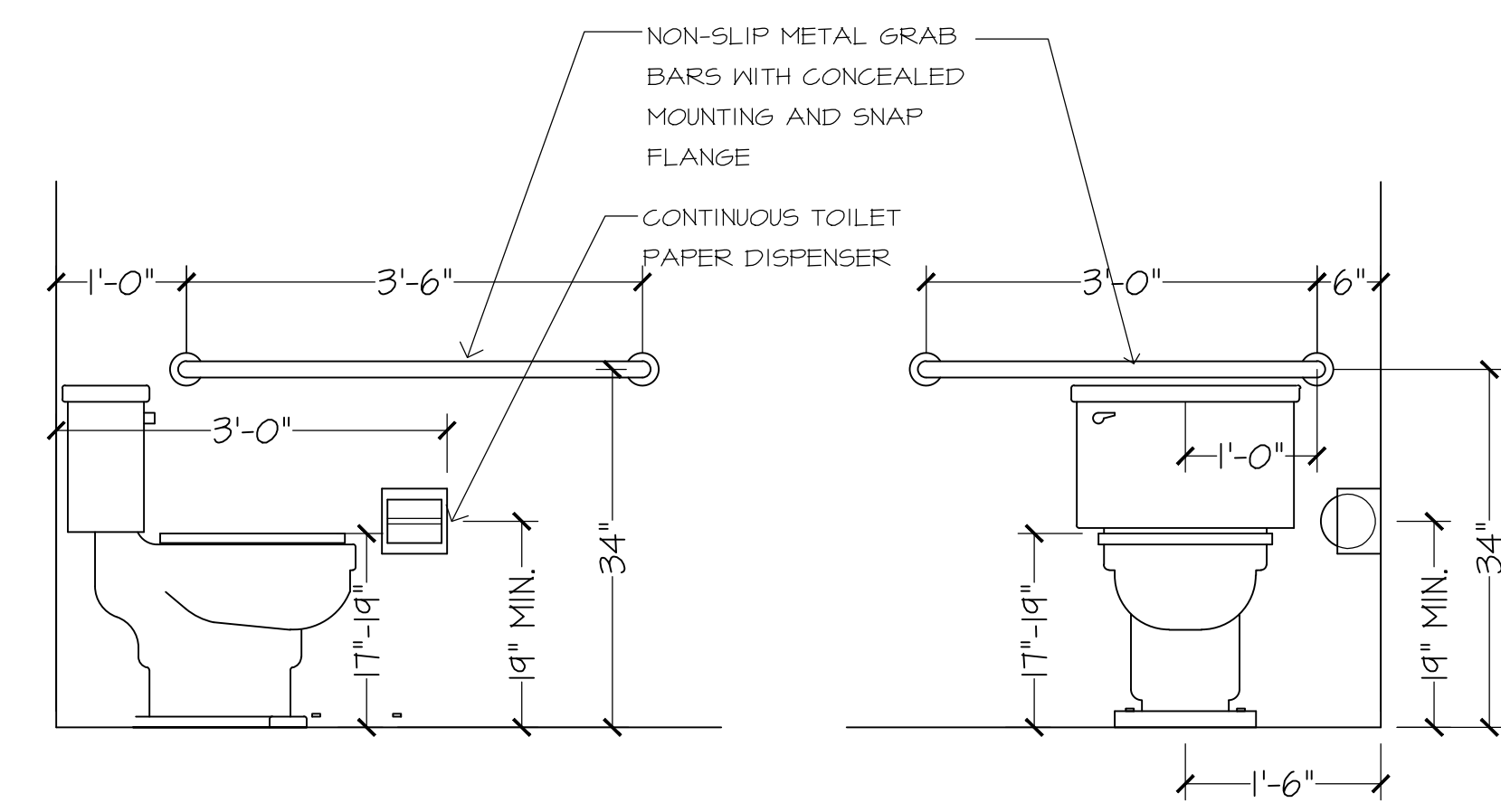
1/2" = 1'-0"



3. LAVATORY DETAIL

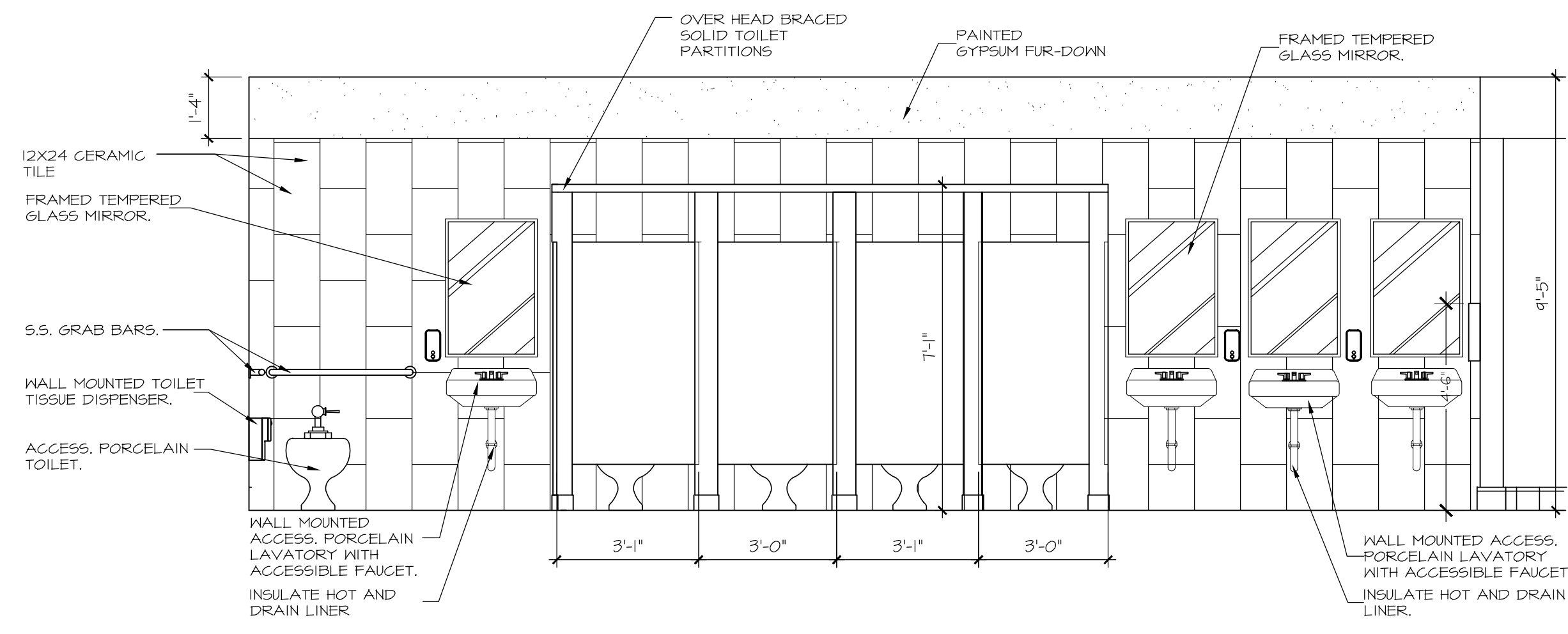
1/2" = 1'-0"

- PLUMBING FIXTURE LEGEND:**
- FD-1, FLOOR DRAIN TO BE SIZED BY ENGINEER, TRIM RING TO BE SELECTED BY ENGINEER
 - GB-36, STAINLESS STEEL 36" GRAB BAR, BOBRICK B-6806 OR APPROVED EQUAL
 - GB-42, STAINLESS STEEL 42" GRAB BAR, BOBRICK B-6806 OR APPROVED EQUAL
 - LAV-1, PORCELAIN WALL MOUNTED LAVATORY WITH FAUCET "ACCESSIBLE", TO BE SELECTED BY ENGINEER
 - M-1, 24" x 36" FRAMED TEMPERED GLASS MIRROR, BOBRICK B-2908-2436 OR APPROVED EQUAL
 - PT-1, PAPER TOWEL DISPENSER, BOBRICK MODEL B-262 OR APPROVED EQUAL
 - SD-1, WALL MOUNTED SOAP DISPENSER, BOBRICK B2III OR APPROVED EQUAL
 - TD-1, TOILET PAPER DISPENSER DOUBLE ROLL, BOBRICK B-2888 OR APPROVED EQUAL
 - BC-1, BABY CHANGE STATION, KOALA KARE - VANDAL RESISTANT
 - UR-1, WALL MOUNTED URINAL "ACCESSIBLE", TO BE SELECTED BY ENGINEER
 - WC-1, PORCELAIN FLOOR MOUNTED TOILET "ACCESSIBLE", TO BE SELECTED BY ENGINEER
 - WC-2, PORCELAIN FLOOR MOUNTED TOILET, TO BE SELECTED BY ENGINEER



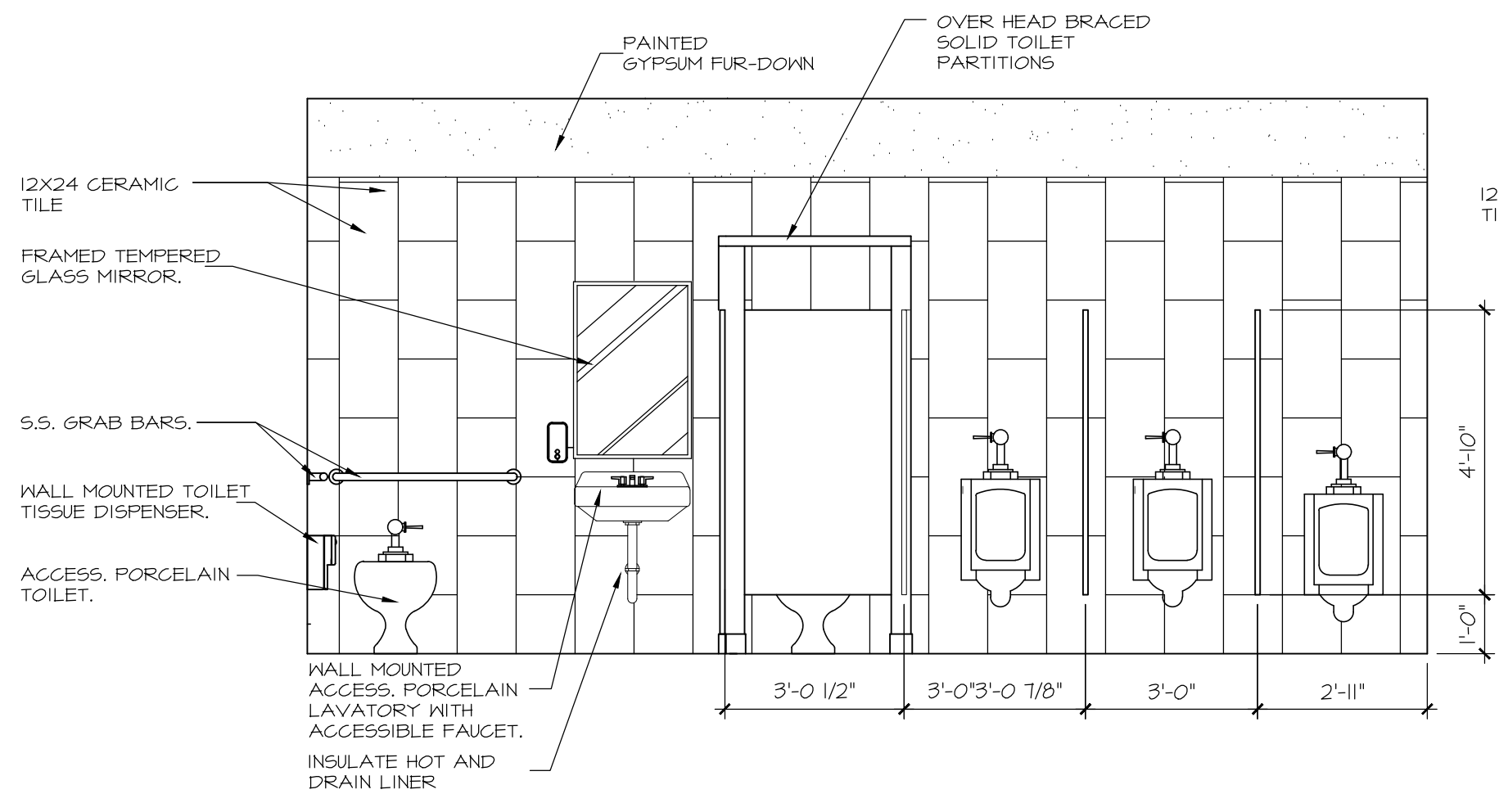
4. ADA DETAIL

1/2" = 1'-0"



WOMENS ELEVATION

SCALE: 3/8" = 1'-0"



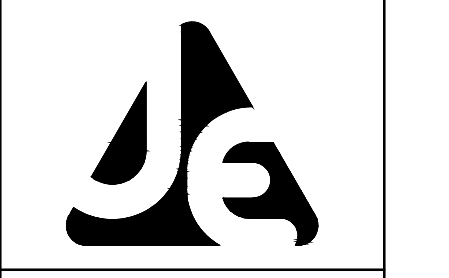
MENS ELEVATIONS

SCALE: 3/8" = 1'-0"

NOTE:
 PROVIDE SOLID 2X BLOCKING IN WALLS FOR ATTACHMENT OF TOILET PARTITIONS, URINAL SCREENS, AND GRAB BARS. NOTIFY ARCHITECT FOR BLOCKING INSPECTION PRIOR TO INSTALLATION OF WALL FINISHES.
 ALL ITEMS TO BE ADA COMPLIANT
 ALL ITEMS TO BE VANDAL RESISTANT



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 C.O.A. NO. 9927

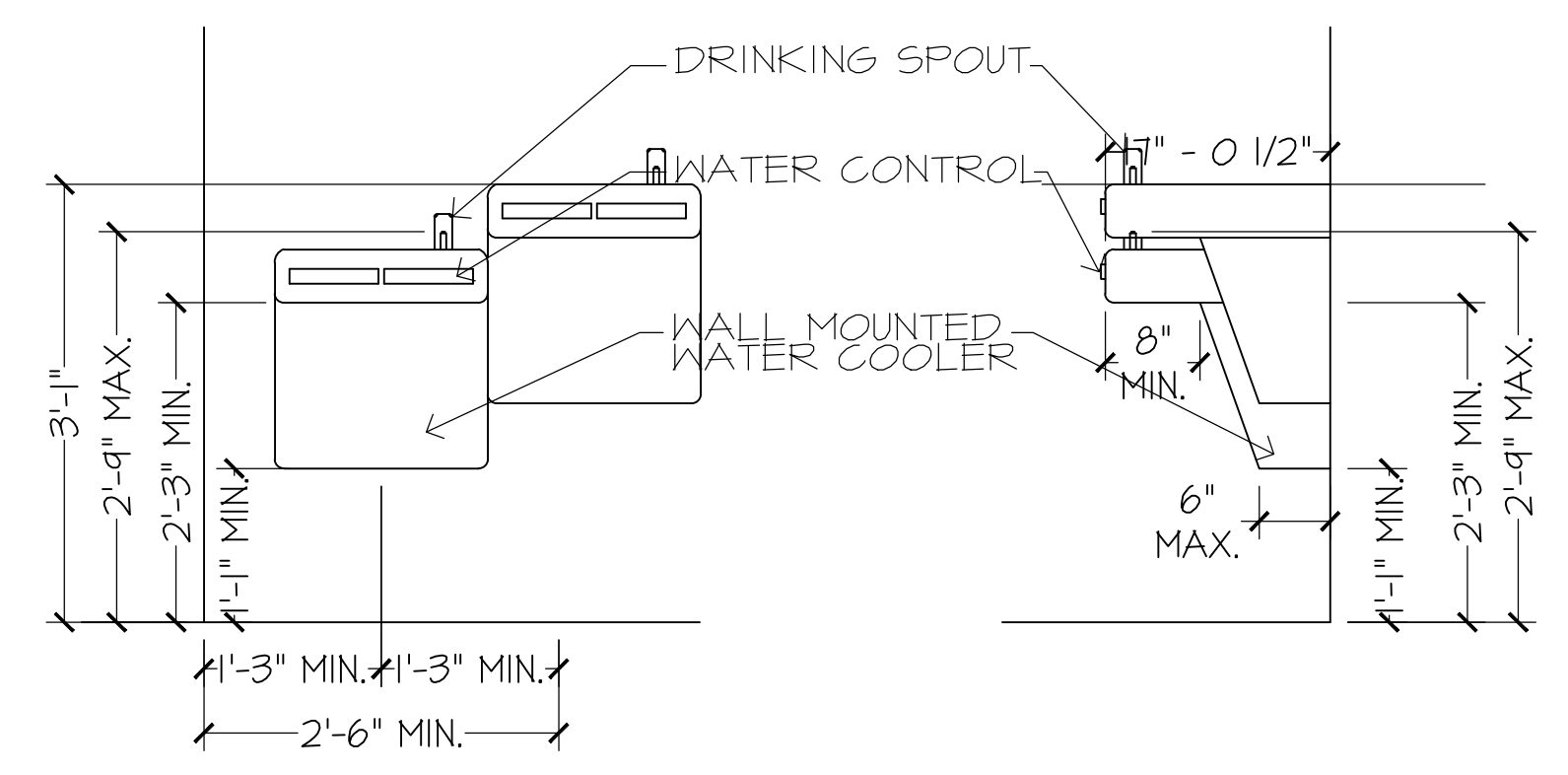
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BY
DESCRIPTION
DATE
REV

FT WALTON BEACH PARK
 HOLLYWOOD BLVD.
 FT. WALTON BEACH • FLORIDA

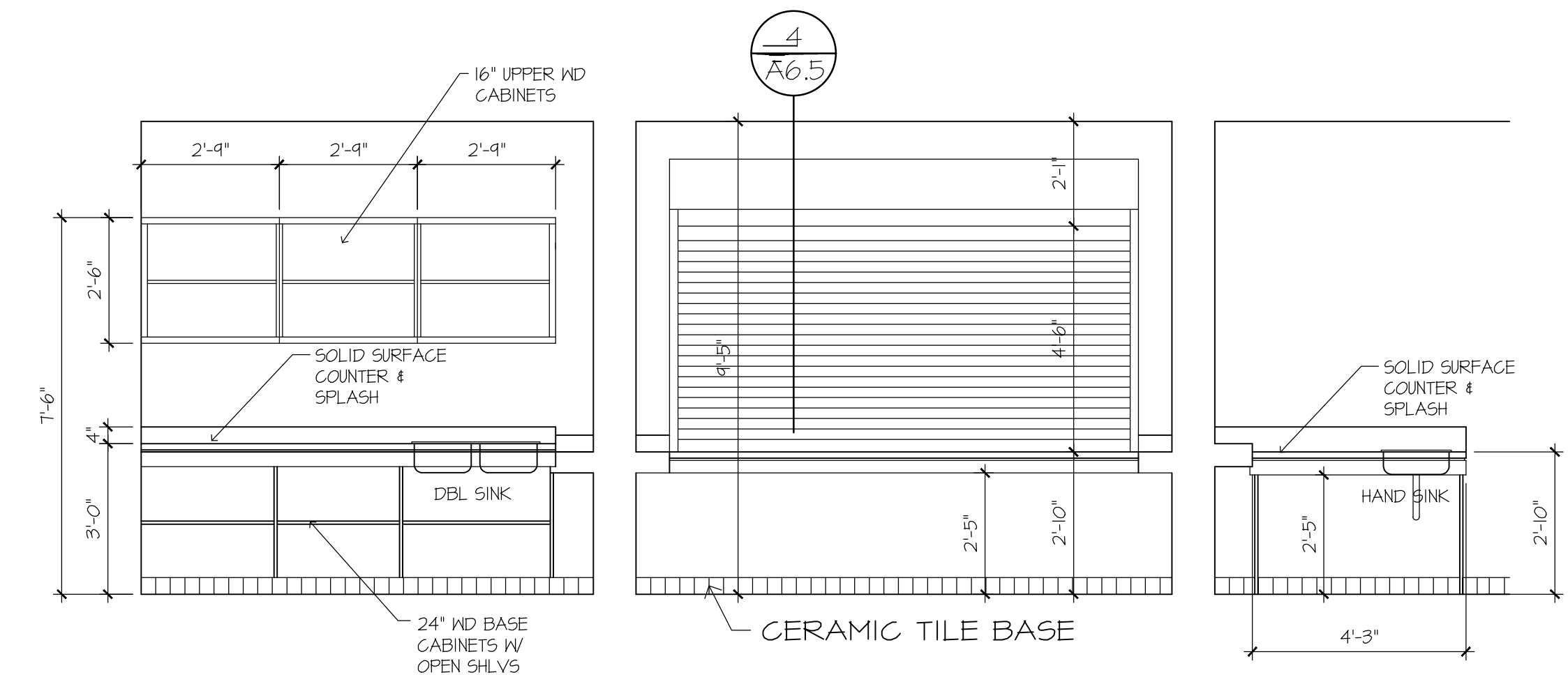
NOT VALID UNLESS BEARING ENGINEER'S ORIGINAL SIGNATURE

JOB:
 DATE: 02/20/24
 DESIGNED:
 DRAWN:
 BAR IS ONE INCH ON ORIGINAL
 IF NOT ONE INCH ON THIS SHEET
 ADJUST SCALES ACCORDINGLY
DRAWING NUMBER
SHEET NUMBER
A 6.1

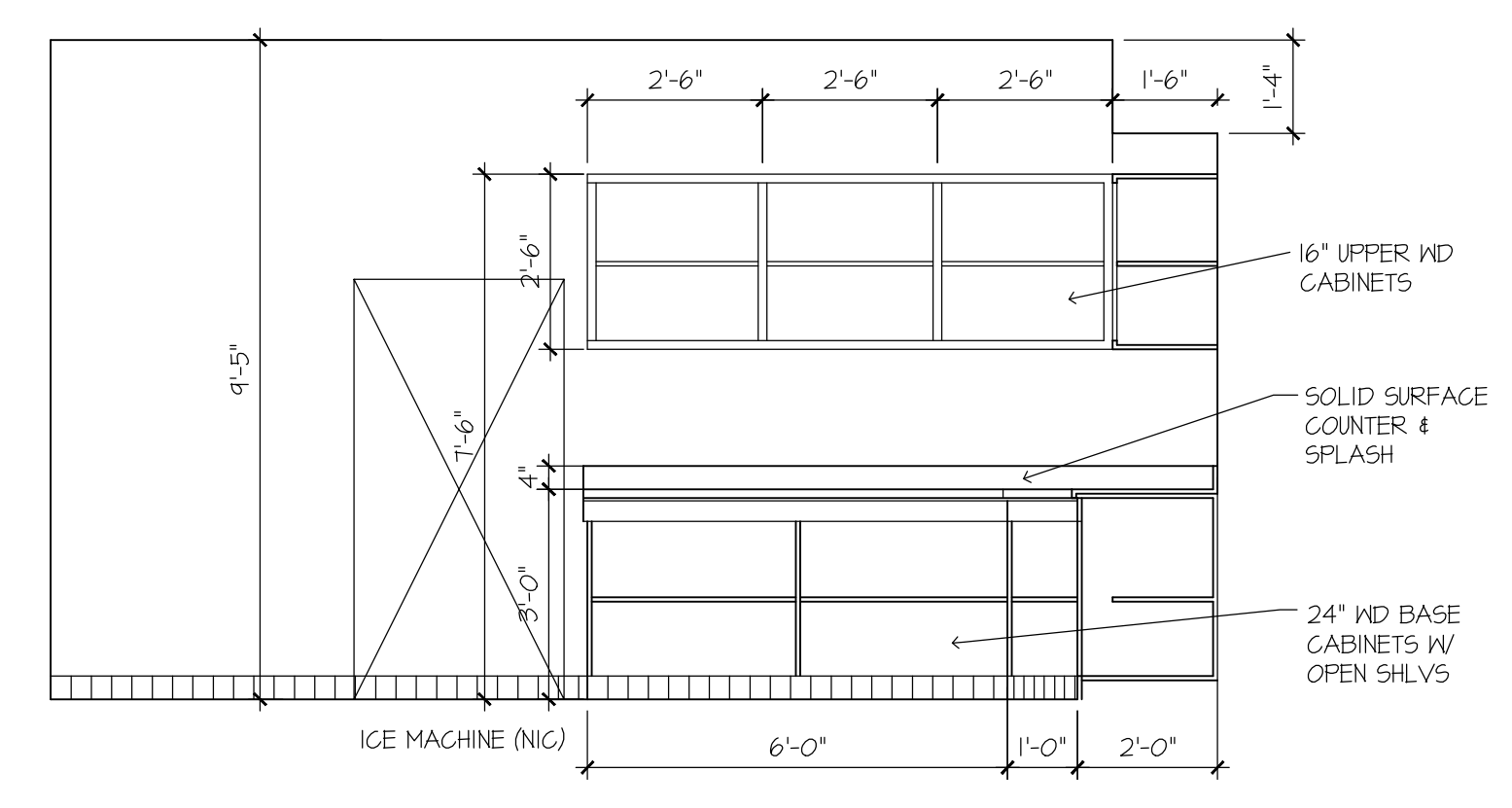
RESTROOM & CONCESSION BUILDING



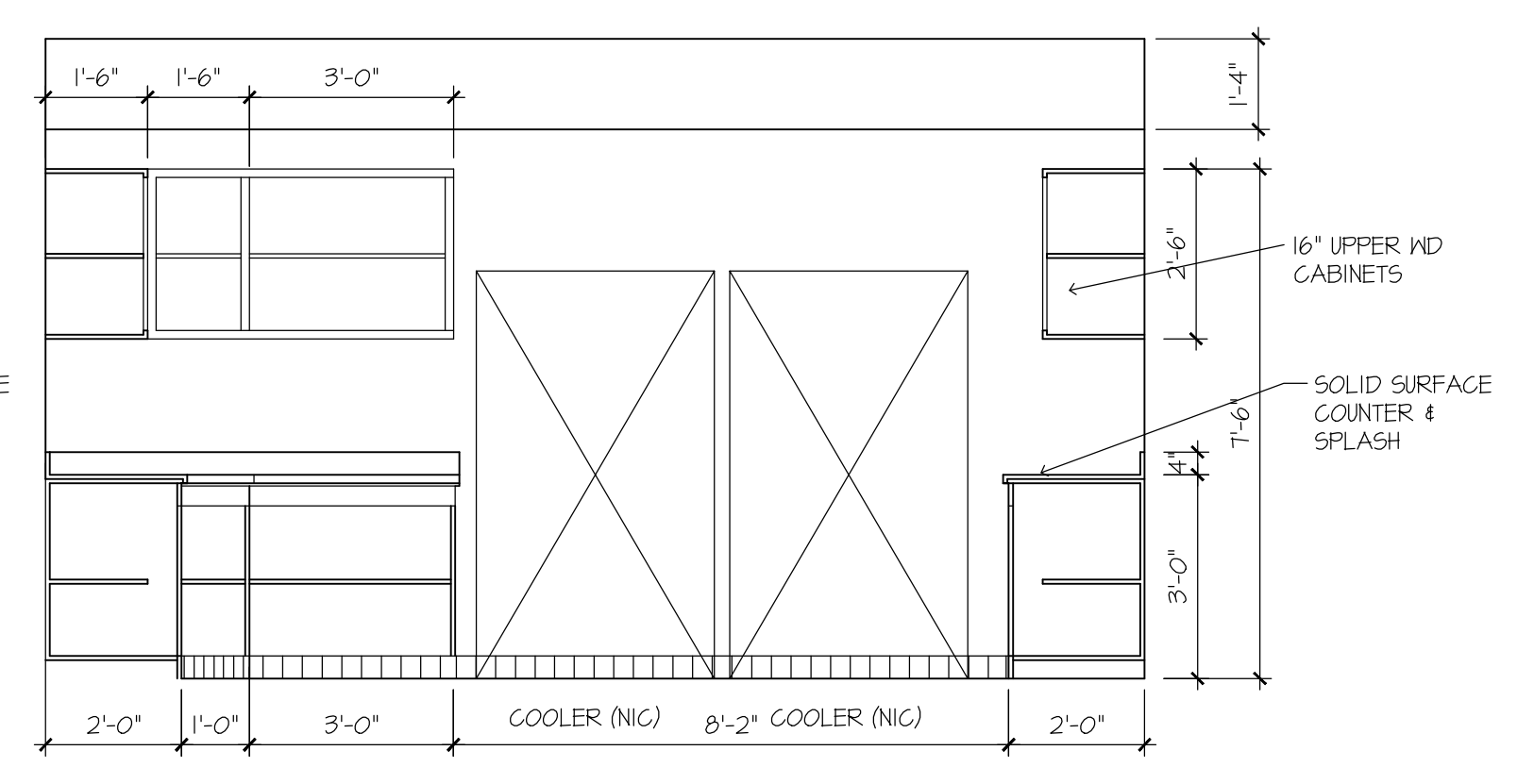
2. ADA WC DETAILS
1/2" = 1'-0"



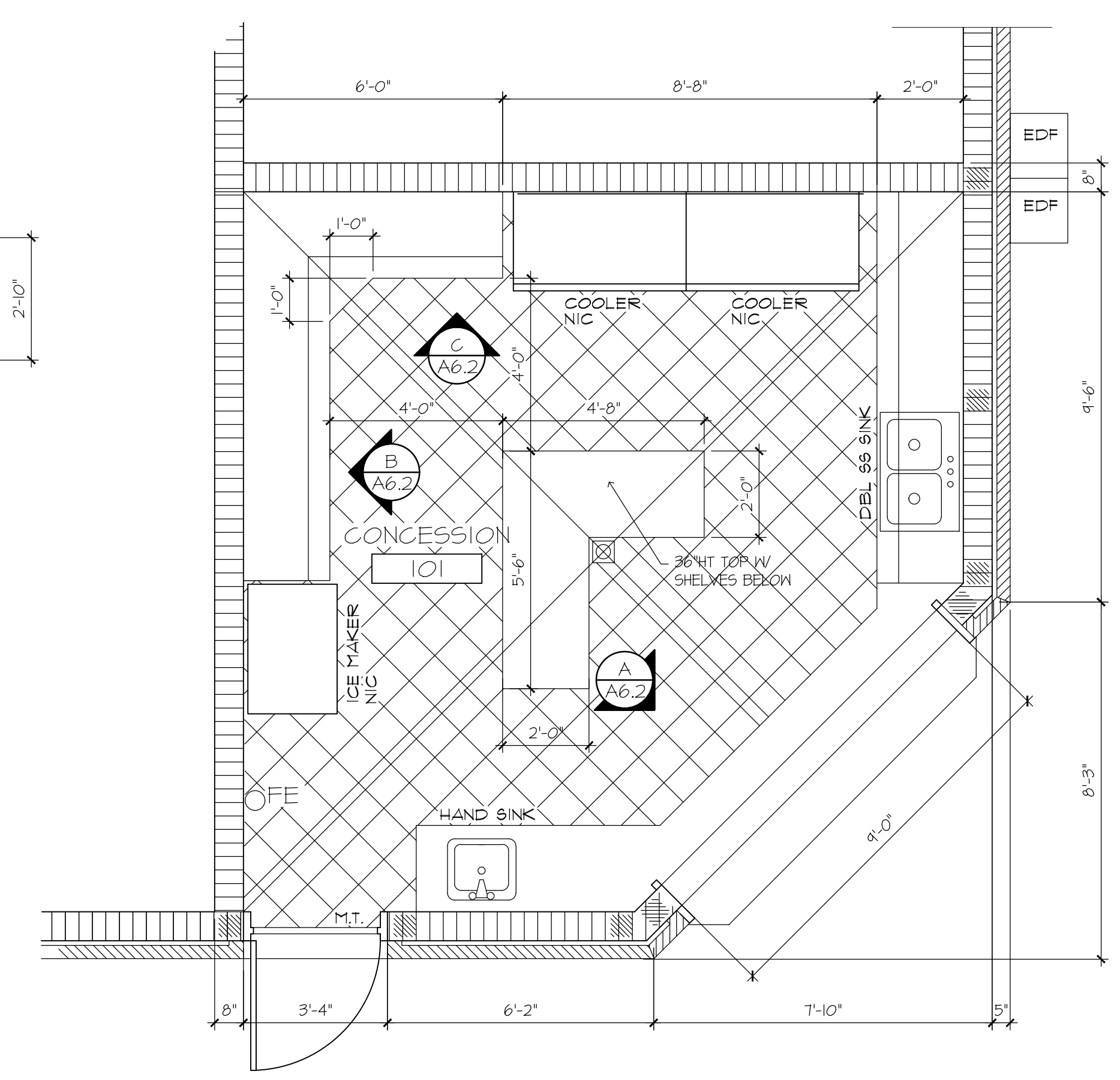
ELEV A - CONCESSION 101
SCALE: 3/8" = 1'-0"



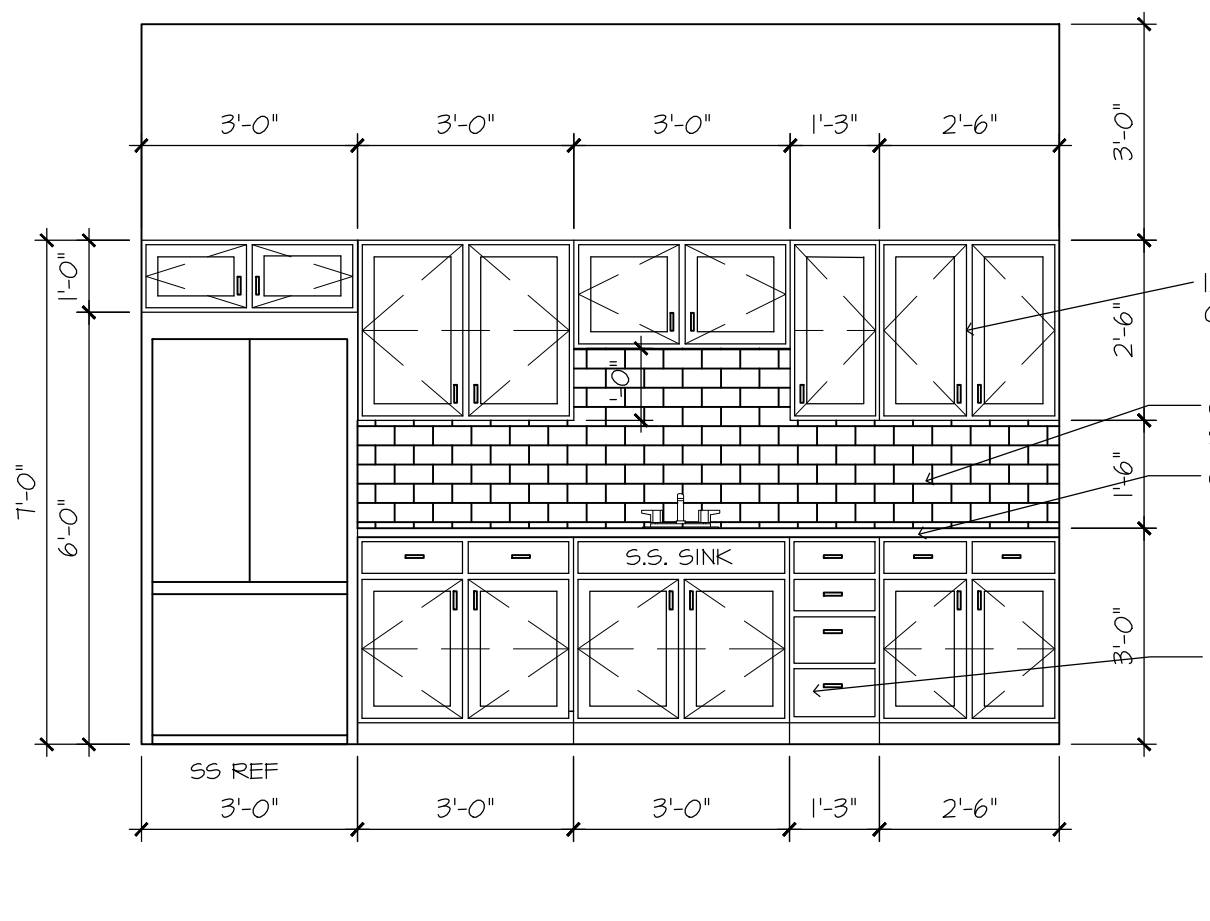
ELEV B - CONCESSION 101
SCALE: 3/8" = 1'-0"



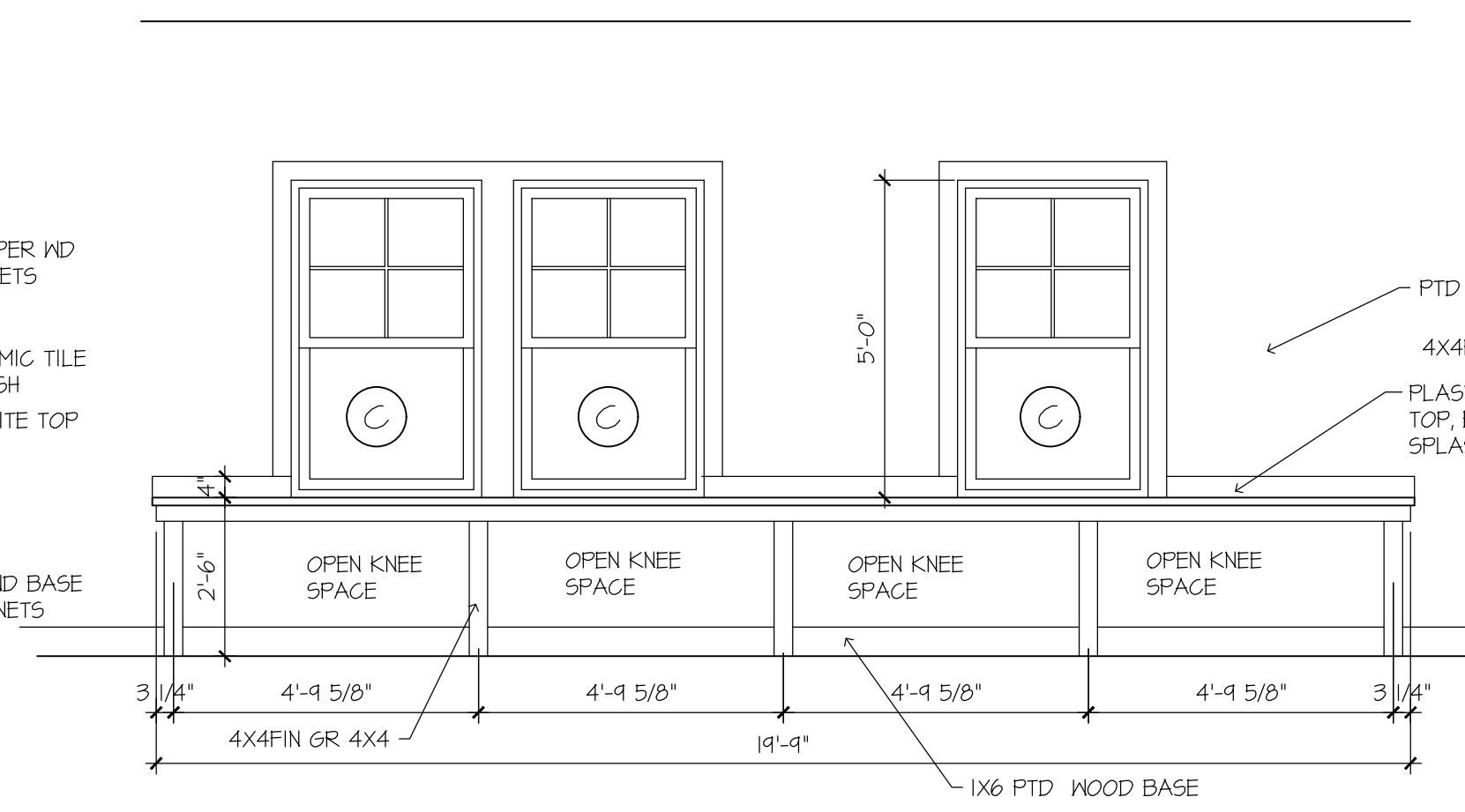
ELEV C
SCALE: 3/8" = 1'-0"



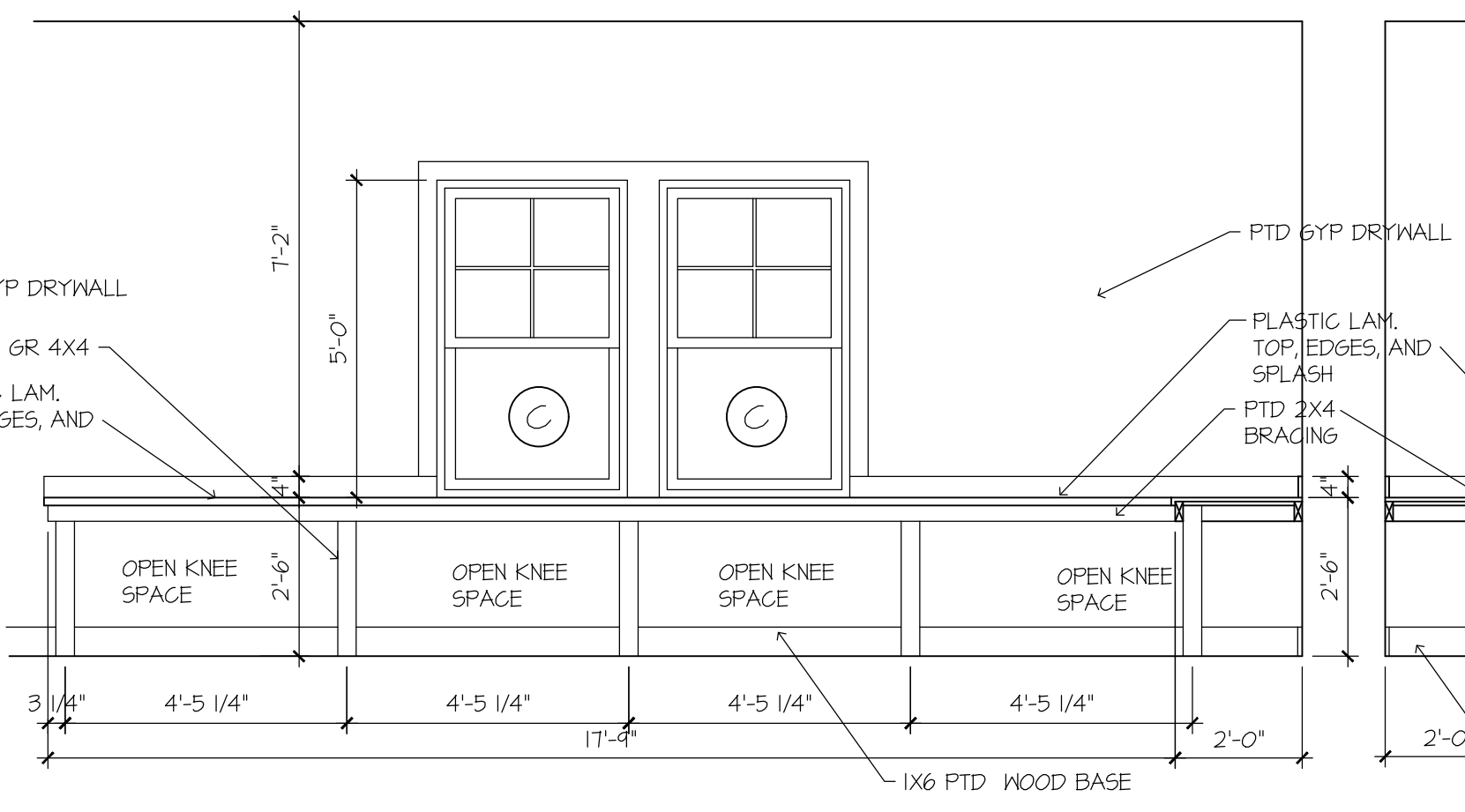
1. CONCESSION PLAN
3/8" = 1'-0"



BREAK RM 103
SCALE: 3/8" = 1'-0"



MULTI-PURPOSE RM 202
SCALE: 3/8" = 1'-0"
COACHING OFFICE 201 CABINETS SIMILAR



INTERIOR ELEVATIONS
SCALE: 3/8" = 1'-0"

Piazza Design
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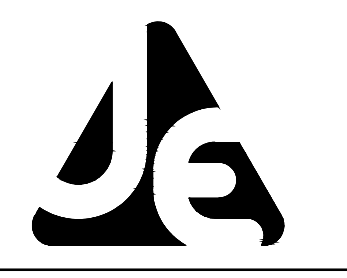
JENKINS ENGINEERING, INC.
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REV	DATE	DESCRIPTION

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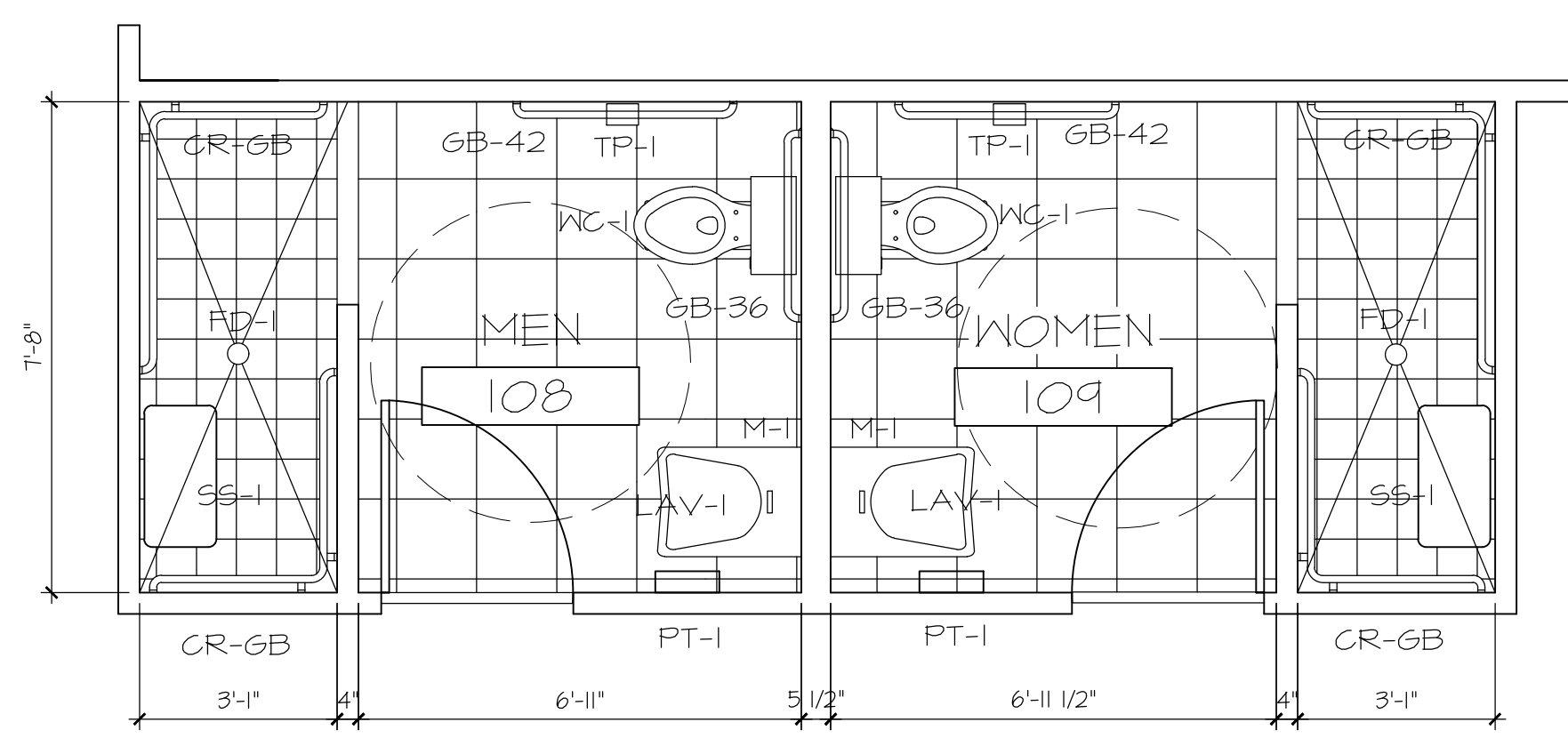
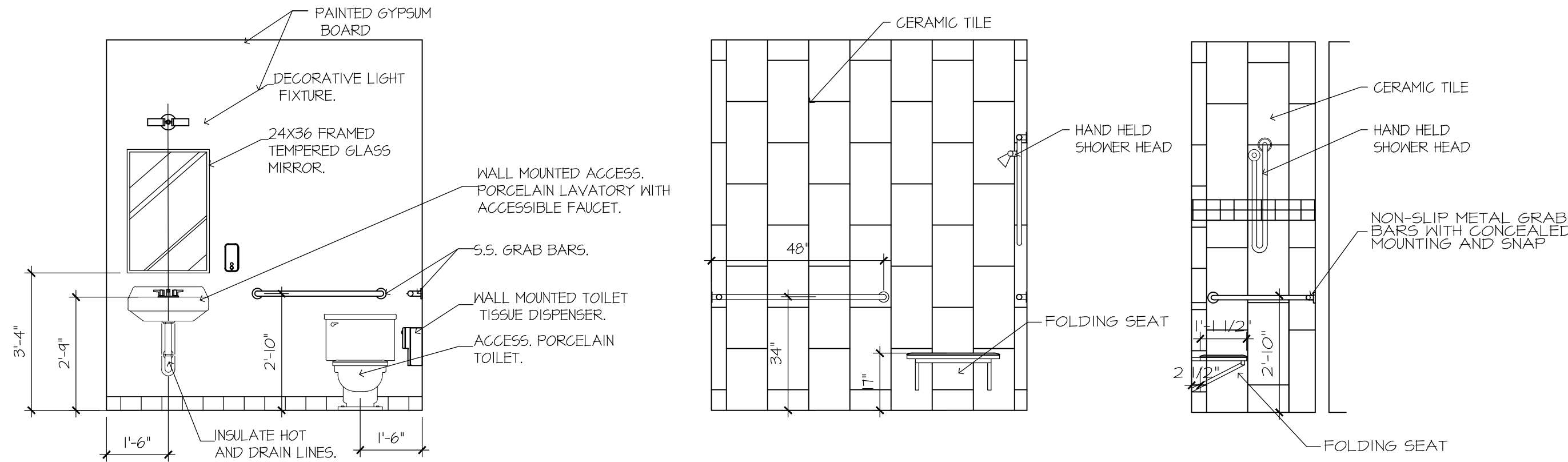
JOB:
DATE: 02/20/24
DESIGNED:
DRAWN:
DRAWING NUMBER
SHEET NUMBER
A 6.2

RESTROOM & CONCESSION BUILDING



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1. REC. BLDG. PLAN

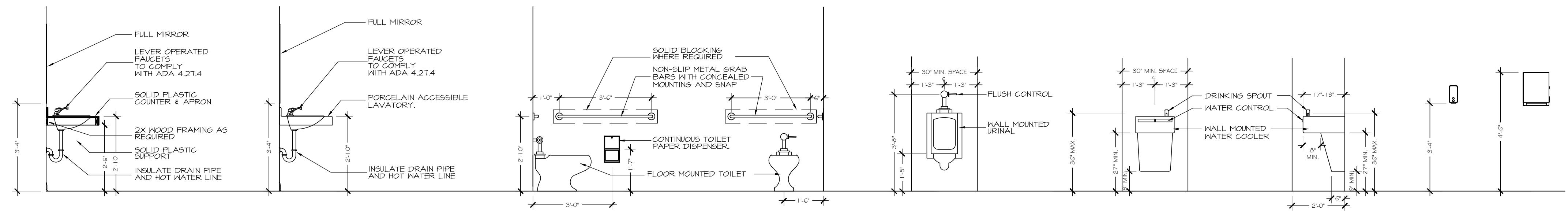
3/8" = 1'-0"

PLUMBING FIXTURE LEGEND:

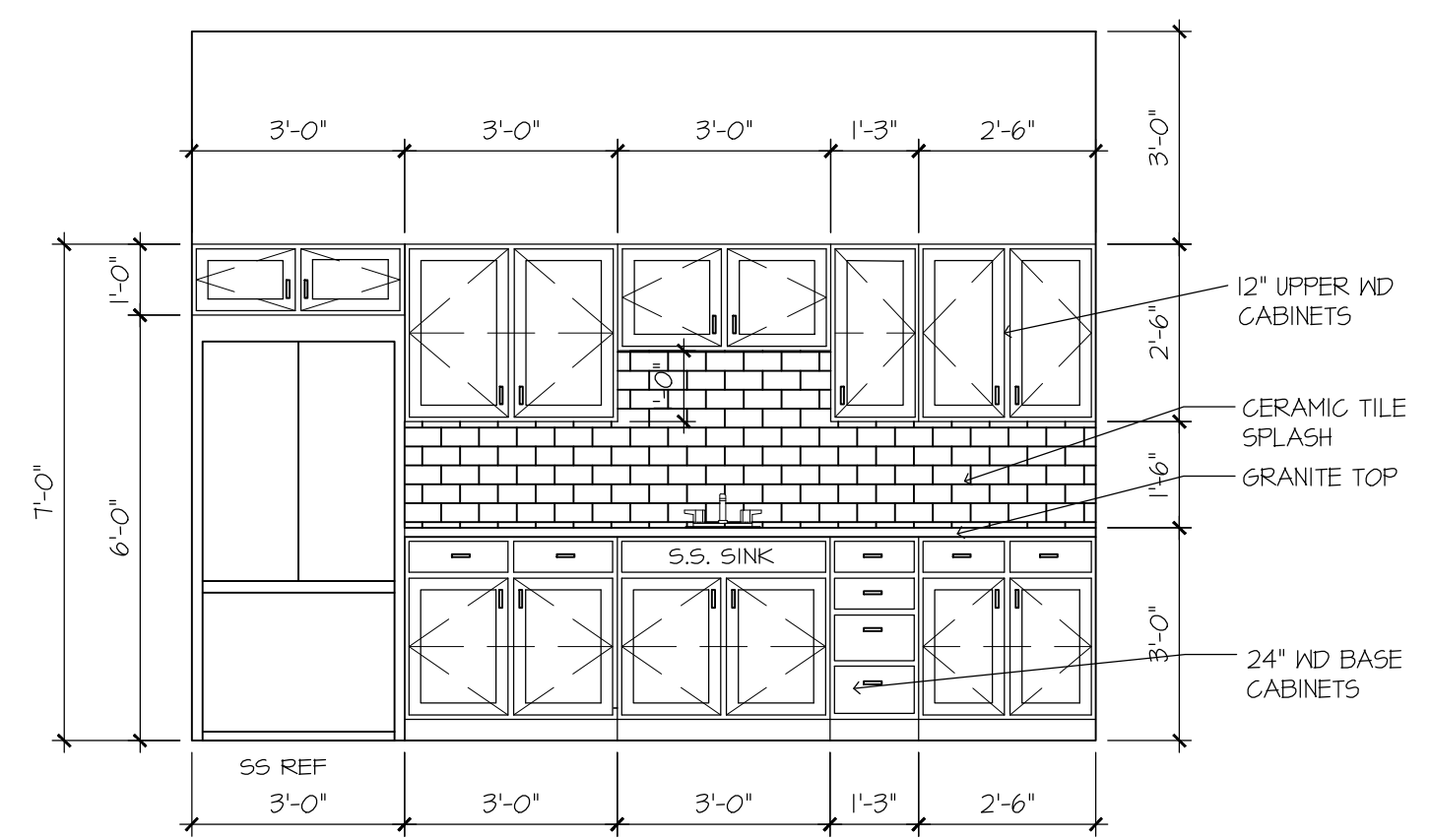
FD-1, FLOOR DRAIN TO BE SIZED BY ENGINEER, TRIM RING TO BE SELECTED BY ENGINEER
 GB-36, STAINLESS STEEL 36" GRAB BAR, BOBRICK B-6806 OR APPROVED EQUAL
 GB-42, STAINLESS STEEL 42" GRAB BAR, BOBRICK B-6806 OR APPROVED EQUAL
 CR-GB CORNER GRAB BAR, BOBRICK B-6816 STAINLESS STEEL
 SS-1 ADA 18" FOLDING SHOWER SEAT, BOBRICK B5191
 LAV-1, PORCELAIN WALL MOUNTED LAVATORY WITH FAUCET "ACCESSIBLE", TO BE SELECTED BY ENGINEER
 M-1, 24" x 36" FRAMED TEMPERED GLASS MIRROR, BOBRICK B-2408-2436 OR APPROVED EQUAL
 PT-1, PAPER TOWEL DISPENSER, BOBRICK MODEL B-262 OR APPROVED EQUAL
 SD-1, WALL MOUNTED SOAP DISPENSER, BOBRICK B2111 OR APPROVED EQUAL
 TD-1, TOILET PAPER DISPENSER DOUBLE ROLL, BOBRICK B-2888 OR APPROVED EQUAL
 WC-1, PORCELAIN FLOOR MOUNTED TOILET "ACCESSIBLE", TO BE SELECTED BY ENGINEER

WOMEN RESTROOM 109 MEN RESTROOM 108 OPPOSIT HAND

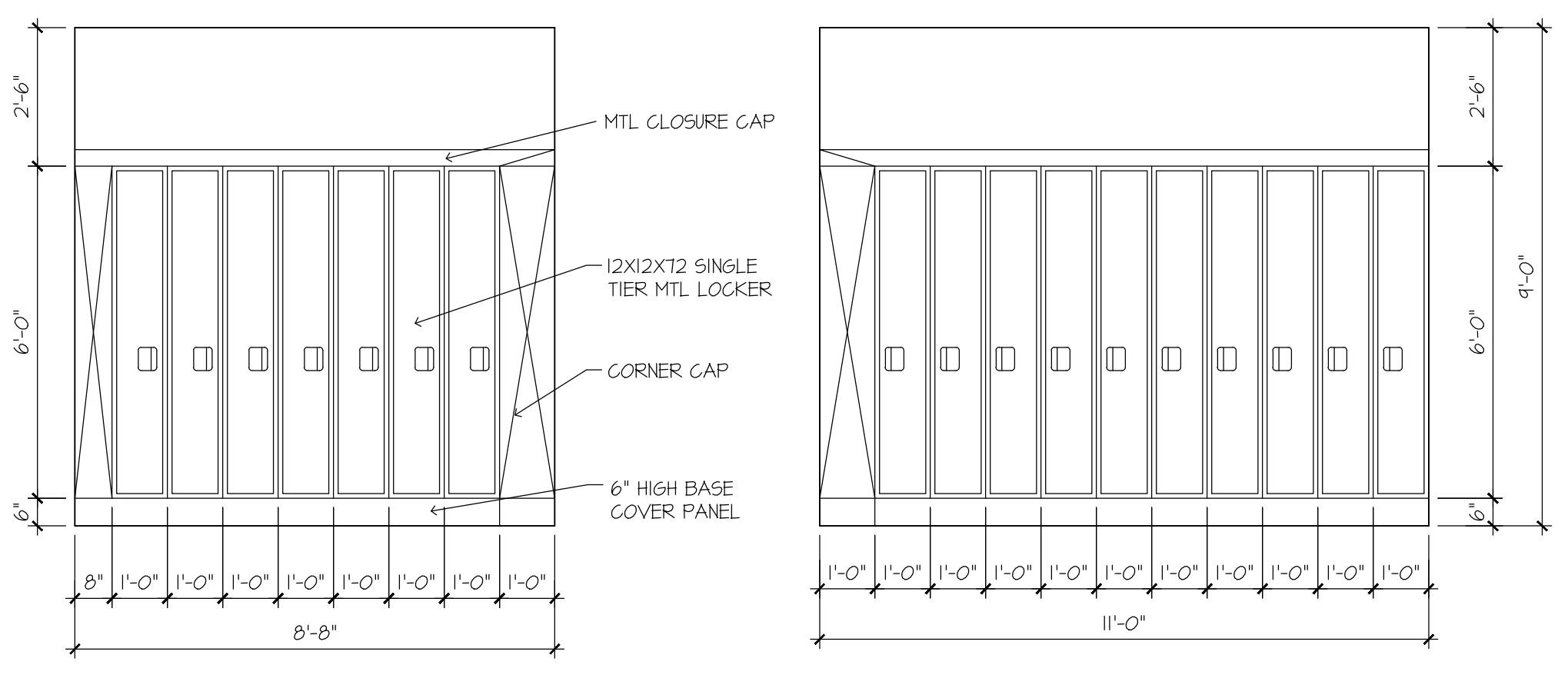
NOTE:
 PROVIDE SOLID 2X BLOCKING IN WALLS FOR ATTACHMENT OF TOILET PARTITIONS, URINAL SCREENS, AND GRAB BARS. NOTIFY ARCHITECT FOR BLOCKING INSPECTION PRIOR TO INSTALLATION OF WALL FINISHES.



ADA PLUMBING MEASUREMENTS



BREAK RM 103
 SCALE: 3/8" = 1'-0"



LOCKER 110
 SCALE: 3/8" = 1'-0"

RECREATION BUILDING

PIAZZA Design
 ARCHITECTS/PLANNERS

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 (850)-496-5735

REV	DATE	DESCRIPTION

NO SEAL IS SHOWN
CLICK TO CHANGE

BY: _____

DATE: _____

DESCRIPTION: _____

FT WALTON BEACH PARK
 HOLLYWOOD BLVD.
 FT. WALTON BEACH • FLORIDA

NOT VALID UNLESS BEARING ENGINEER'S ORIGINAL SIGNATURE

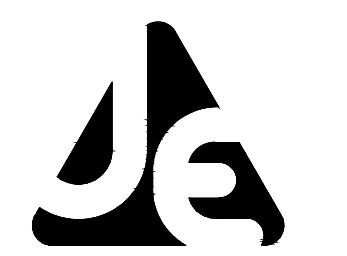
JOB: _____
 DATE: 02/20/24
 DESIGNED: _____
 DRAWN: _____

BAR IS ONE INCH ON ORIGINAL
 IF NOT ONE INCH ON THIS SHEET
 ADJUST SCALES ACCORDINGLY

DRAWING NUMBER _____

SHEET NUMBER
A 6.3

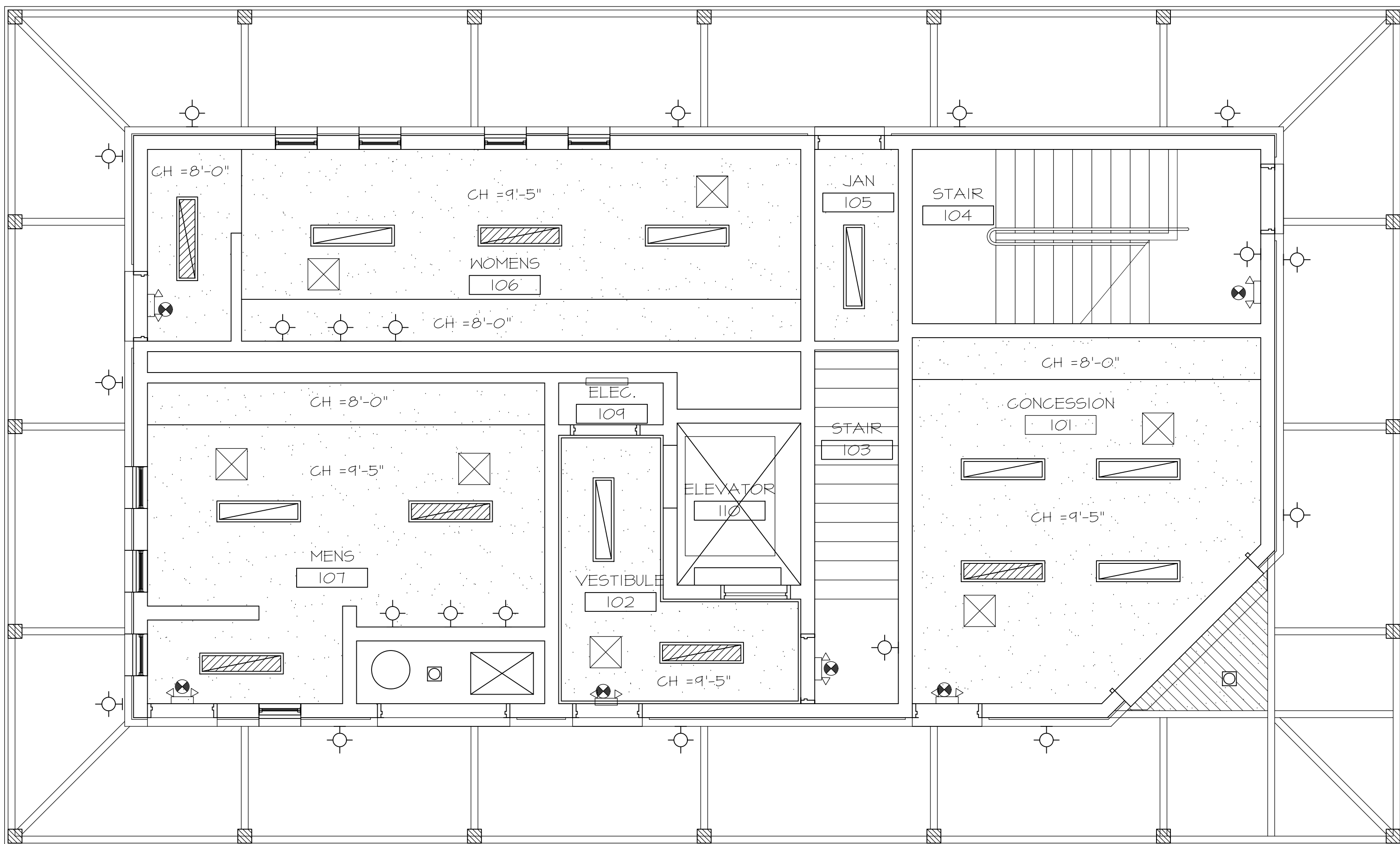
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 NICEVILLE, FLORIDA 32578
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 FAX: (850) 729-2468
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2. CEILING LEGEND

- NONE
- 2'x4' LAY-IN LED LIGHT FIXTURE WITH LENS.
- 2'x4' LAY-IN LED LIGHT FIXTURE WITH LENS, w/ EMG. BATTERY
- 1'x4' SURFACE MT LED LIGHT FIXTURE WITH LENS.
- LED DOWN LIGHT, 75 WATT MAX.
- SURFACE MOUNT HALOGEN LIGHT FIXTURE
- LED WALL SCENCE, 75 WATT MAX.
- EXIT LIGHT, WITH BATTERY BACK-UP, ON EMERGENCY CIRCUIT.
- EMERGENCY LIGHT, WITH BATTERY BACK-UP, ON EMERGENCY CIRCUIT.



1. 1ST FL REFLECTED CLG PLAN

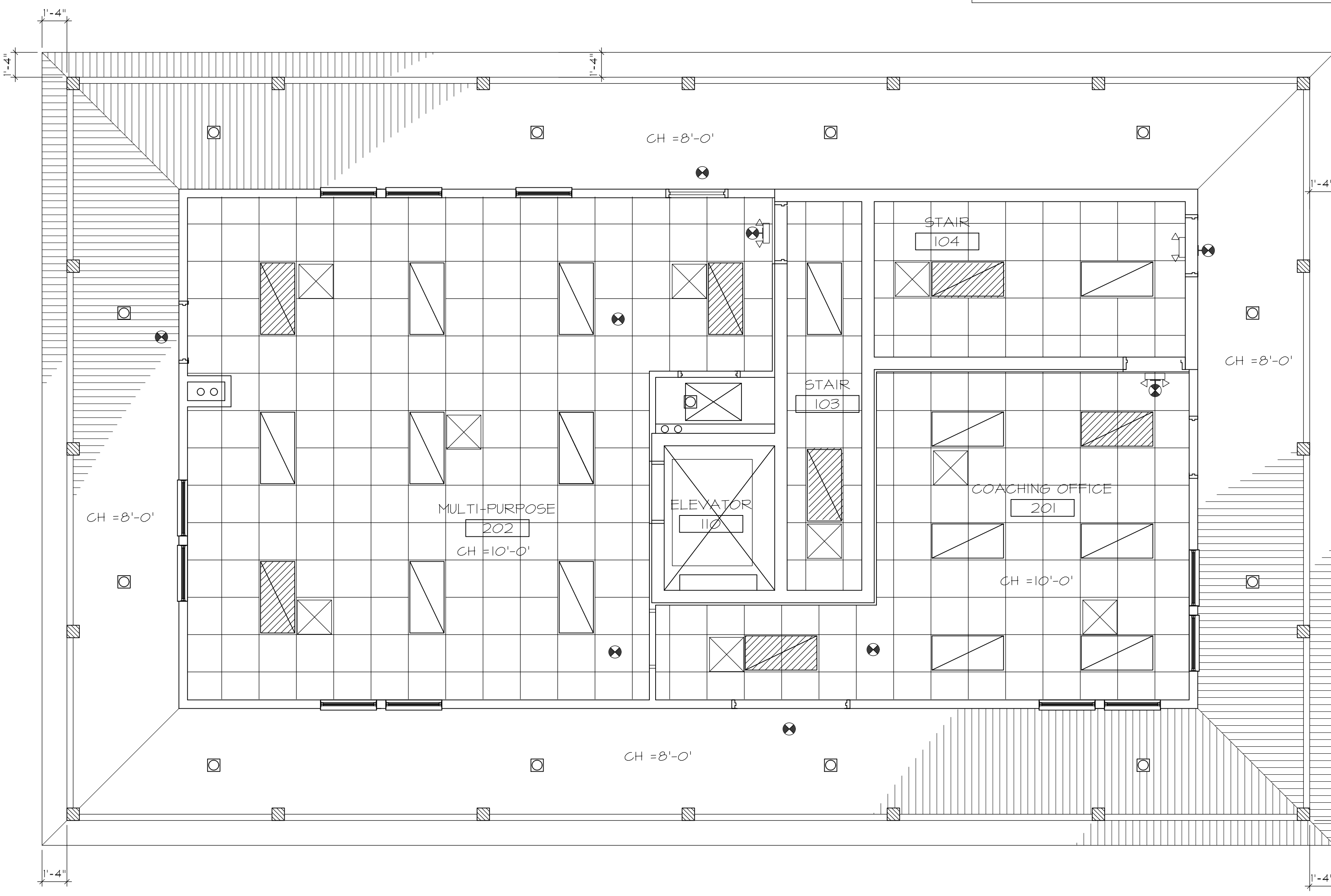
RESTROOM / CONCESSION BLDG
 SCALE: 1/4" = 1'-0"

GENERAL NOTES:

1. Ceiling tile to be 24"x24"x1" Armstrong "Optima" acousical tile square lay-in with beveled edges, or approved equal.
2. Suspended metal grid factory painted white.
3. Suspended gypsum wallboard to be 2 layers 5/8" type "X"
4. Contractor shall provide additional hanging wires at all light fixtures as called for by code.
5. Draft stops shall be installed as per county and state codes.
6. Concealed insulation shall have a flame spread of 0-75 and a smoke development factor of 0-450.

2. 2ND FL REFLECTED CLG PLAN

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



PIAZZA Design
 ARCHITECTS/PLANNERS

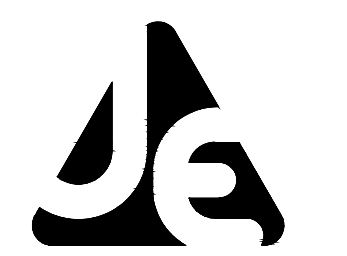
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 (850)-496-5735

NO SEAL IS SHOWN
 CLICK TO CHANGE

REV	DATE	DESCRIPTION

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 HOLLYWOOD BLVD.
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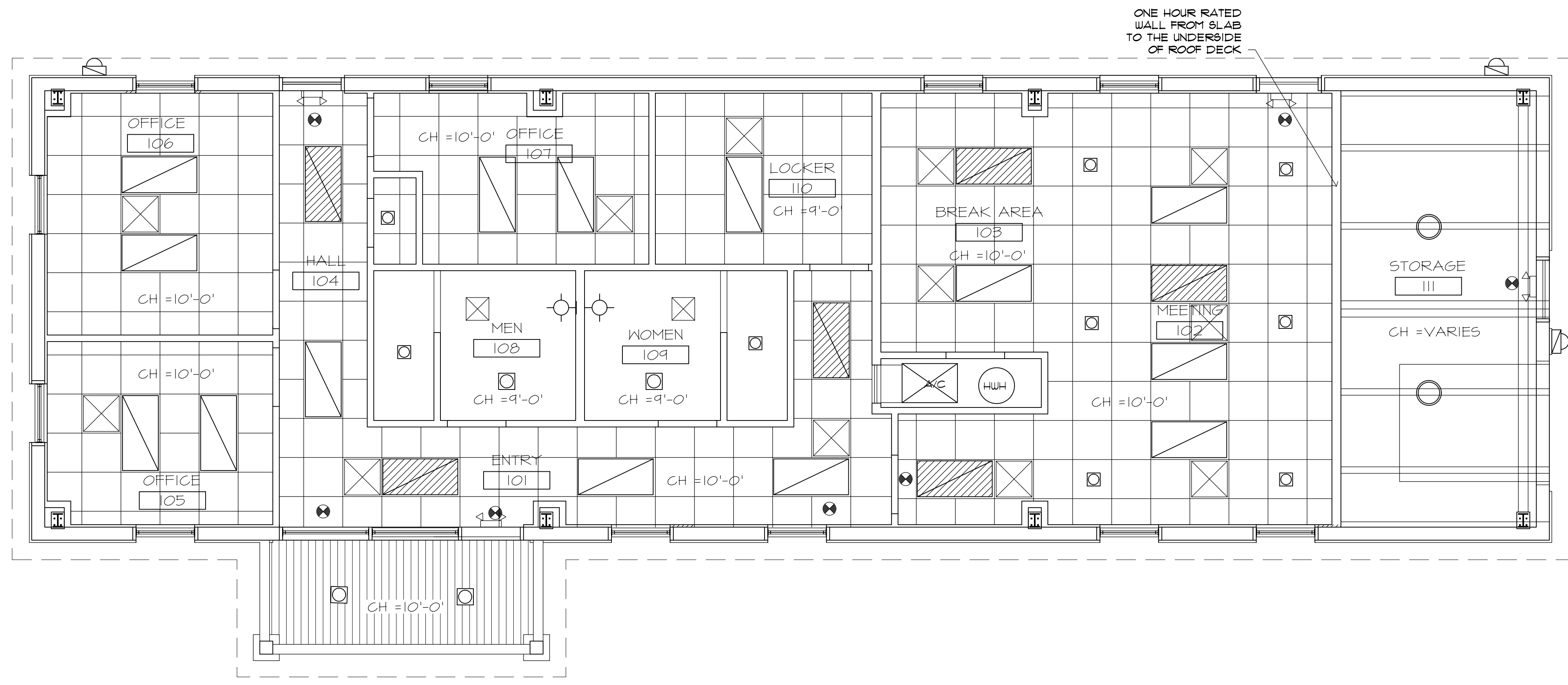
JOB: _____
 DATE: 02/20/24
 DESIGNED: _____
 DRAWN: _____
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 IF NOT ONE INCH ON THIS SHEET
 ADJUST SCALES ACCORDINGLY
 DRAWING NUMBER _____
 SHEET NUMBER
A 8.1



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1. REFLECTED CEILING PLAN
 SCALE: 1/4" = 1'-0"

2. CEILING LEGEND

- GENERAL NOTES:**
1. Ceiling tile to be 24"x24"x1" Armstrong "Optima" acousical tile square lay-in with beveled edges, or approved equal.
 2. Suspended metal grid factory painted white.
 3. Suspended gypsum wallboard to be 5/8" moisture resistant type, on metal grid.
 4. Contractor shall provide additional hanging wires at all light fixtures as called for by code.
 5. Draft stops shall be installed as per county and state codes.
 6. Concealed insulation shall have a flame spread of 0-75 and a smoke development factor of 0-450.

- NONE
- 2'x4' LAY-IN LED LIGHT FIXTURE WITH LENS.
 - 2'x4' LAY-IN LED LIGHT FIXTURE WITH LENS. w/ EMG. BATTERY
 - LED DOWN LIGHT, 75 WATT MAX.
 - SURFACE MOUNT HALIGEN LIGHT FIXTURE
 - LED WALL SCONCE, 75 WATT MAX.
 - EXIT LIGHT, WITH BATTERY BACK-UP, ON EMERGENCY CIRCUIT.
 - EMERGENCY LIGHT, WITH BATTERY BACK-UP, ON EMERGENCY CIRCUIT.

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RECREATION BUILDING

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**Plaza
Design**

ARCHITECTS/PLANNERS

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 (850)-496-5735

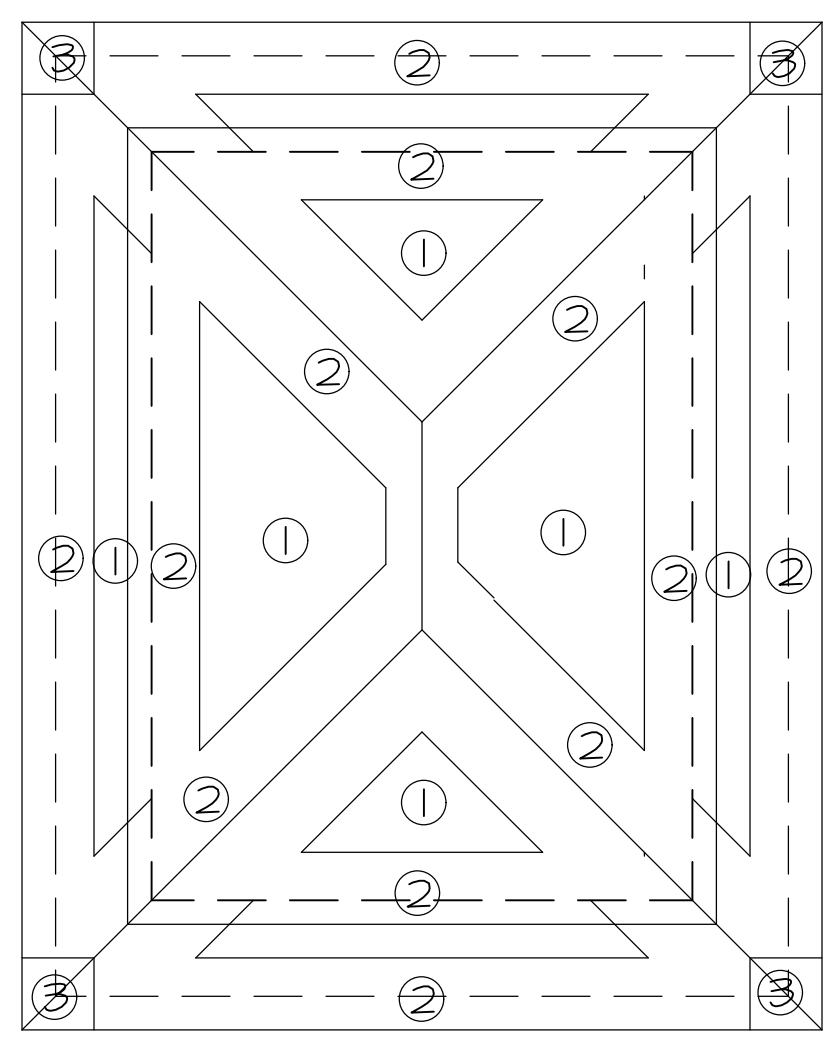
REV	DATE	DESCRIPTION

<p>NO SEAL IS SHOWN CLICK TO CHANGE</p>	<p>BY: _____</p> <p>DATE: _____</p> <p>DESCRIPTION: _____</p>
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<p>FT WALTON BEACH PARK HOLLYWOOD BLVD. FT. WALTON BEACH • FLORIDA</p> <p style="font-size: 0.6em; text-align: right;">NOT VALID UNLESS BEARING ENGINEER'S ORIGINAL SIGNATURE</p>	<p>JOB: _____</p> <p>DATE: 02/20/24</p> <p>DESIGNED: _____</p> <p>DRAWN: _____</p> <p><small>BAR IS ONE INCH ON ORIGINAL IF NOT ONE INCH ON THIS SHEET ADJUST SCALES ACCORDINGLY</small></p> <p>DRAWING NUMBER</p> <p>SHEET NUMBER A 8.2</p>
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FRAMING NOTES:

- 1. All wood framing to be #2 Southern Yellow Pine, kiln dried.
2. All lintels to be min. 2-2x10 at doors and windows, unless otherwise noted.
3. All ridge and valley rafters shall be at least one nominal size larger than the rafters.
4. Wood beams to be #1 Structural Grade SYP.
5. All bolted connections to be extra strength A-307 bolts.
6. All plywood sheathing to be 5/8" exterior grade - bottom to be P.T. (lay @ 4'-0" o.c. vert.)
7. All bottom plates to be pressure treated lumber, when in contact with concrete.
8. Hurricane anchors to be installed at every rafter aligned with ceiling joist, Simpson #H-10.
9. All exposed floor framing and floor beams to be treated.
10. Wood decking to be 5/4x6 #2 SYP treated with 1/8" gap between boards, screwed with ceramic coated 2" deck screws.
11. All exposed framing to be treated.
12. 1/2" continuous bead caulking shall be applied under all exterior plates.
13. All sheathing plywood to be nailed at 4" o.c. around the outside and 6" in the field.
14. Provide "Ty-vek" sheathing on all exterior walls.
15. Wood studs shall be #2 SYP nailed and strapped to sole plate and header plate.
16. Double joist under exterior walls.
17. Approved galvanized metal corner bracing shall be installed on all outside corners, and shall cover top and bottom plates.
18. All inside walls intersecting with exterior walls to have approved galvanized metal corner bracing, diagonally.
19. Corner straps, 1"x24" 1/8 ga. galvanized steel, to be used at top and bottom plates.
20. All rafters to be toe nailed to top plate and have simpson H-10 anchor plate at each rafter.
21. All straps shall be installed as per manufactures directions and shall have not less than 6 10d galvanized nails on each end.
22. All rafters shall have 1"x24" 1/8 ga. straps across ridge matching rafter and shall have not less than 10 10d galvanized nails on each end.



ROOF PLAN PRESSURE DIAGRAM

WIND LOAD INFORMATION:

- 1. BASIC WIND SPEED = 150 MPH
2. WIND IMPORTANCE FACTOR = 1
3. WIND EXPOSURE "B"
HEIGHT & EXPOSURE ADJUSTMENT COEFFICIENT = 1.00
4. VELOCITY PRESSURE q = 0.00256 (Kz)(Kzt)(130)^2 (l)
q = 0.00256 (35)(16,400)(l) = 15.14 PSF
INTRENAL PRESSURE P = 15.14(1.00)(+0.8)-15.14(-0.30) = 17.62 PSF
5. COMPONENTS & CLADDING
MINIMUM PRESSURE REQUIREMENTS ON BUILDING SURFACE.
RESTROOM BUILDING:
ROOF:
ZONE 1: INTERIOR +25.2 -25.2 PSF
ZONE 2: END ZONE (3'-0") +26.0 -32.0 PSF
ZONE 3: GROSSED END (3'-0"x3'-0") +21.8 -35.6 PSF
OVERHANGS -56.7 PSF
WALLS:
ZONE 4: INTERIOR SURFACE +25.4 -28.4 PSF
ZONE 5: CORNERS (4'-0") +27.2 -34.3 PSF
6. STRUCTURE CATAGORY = 2

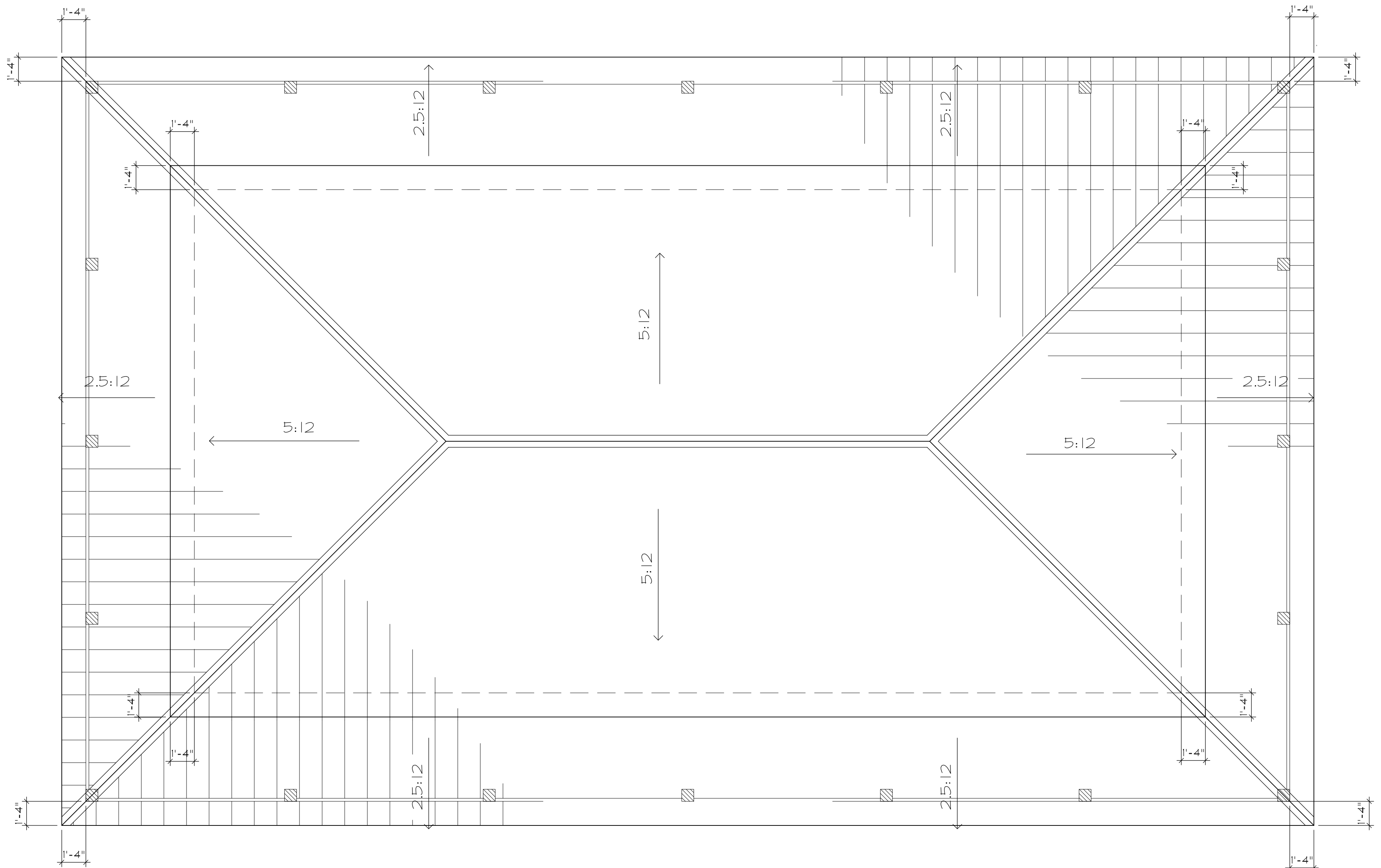
GENERAL ENGINEERING NOTES:

- 1. DESIGN CRITERIA:
A. CODES:
2023 FLORIDA BUILDING CODES, 8th EDITION
AMERICAN INSTITUTE OF TIMBER CONSTRUCTION (TIMBER CONSTRUCTION MANUAL, LATEST EDITION).
BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE (A.C.I. 318).
BUILDING CODE REQUIREMENTS FOR CONCRETE MASONRY STRUCTURES (A.C.I. 531).
B. DESIGN LIVE LOADS:
ROOF..... 20 PSF.
FLOORS..... 40 PSF.
LATERAL FORCES..... 150 MPH.
C. MINIMUM SOIL BEARING PRESSURE: CONT. WALL FOOTING: 2100 PSF.
2. CONCRETE SPECIFICATIONS:
A. ALL DETAILS SHOWN ARE TYPICAL. SIMILAR DETAILS APPLY TO SIMILAR CONDITIONS.
B. CONCRETE OPERATIONS SHALL COMPLY WITH A.C.I. STANDARDS.
C. CONCRETE COMPRESSIVE STRENGTH: 3000 PSI MINIMUM AT 28 DAYS.
D. REINFORCING BARS: ASTM A615 GRADE 60.
E. WELDED WIRE FABRIC (W.W.F.) : ASTM A185
F. REINFORCING BAR PLACING ACCESSORIES: IN ACCORDANCE WITH CRSI SPECIFICATIONS.

- 6. MINIMUM CONCRETE COVERAGE OF REINFORCEMENT: FOOTINGS..... 3" BOTTOM AND SIDE.
H. EARTH SUPPORTED SLAB: 4 INCHES THICK REINFORCED WITH 66-MIL.4 X MIL.4 W.W.F. THE SLAB AND THE CONCRETE PERIMETER BEAM SHALL BE PLACED OVER POLYETHYLENE VAPOR BARRIER OF NOT LESS THAN 0.006 INCH NOMINAL THICKNESS.
I. ANCHOR BOLTS SHALL CONFORM TO ASTM A36 AND SHALL BE 1/2" DIA. WITH MIN. 6" EMBEDMENT DEPTH IN CONCRETE.
J. DETAIL REINFORCING IN ACCORDANCE TO A.C.I. 315. REINFORCING SHALL NOT BE WELDED, EXCEPT AS SHOWN WHERE ASTM A706 BARS ARE USED.
3. MASONRY SPECIFICATIONS:
A. HOLLOW CONCRETE BLOCK (MASONRY) UNITS SHALL CONFORM TO ASTM C90, WITH A MINIMUM COMPRESSIVE STRENGTH OF 2000 PSI ON THE NET AREA AND 1000 PSI ON THE GROSS AREA. (FM = 1500 PSI) FACE BRICK AS SPECIFIED.
B. ALL MORTAR FOR MASONRY SHALL CONFORM TO ASTM C270, TYPE M OR S. ALL GROUT FOR USE IN MASONRY SHALL CONFORM TO ASTM C476, MINIMUM 2500 PSI AT 28 DAYS.
C. ALL CONTINUOUS BARS SHALL HAVE BASIC CLASS "C" TENSION LAPS WITH CORNER BARS AT ALL CORNERS AND WALL INTERSECTIONS.
D. ALL VERTICAL REINFORCEMENT IN MASONRY WALLS SHALL HAVE CLASS "C" TENSION LAPS.
E. HORIZONTAL REINFORCING IN MASONRY WALL FOOTINGS SHALL BE CONTINUOUS W/ 30 DIAMETER MIN. LAP MEMBERS AT ALL INTERIOR AND EXTERIOR CORNERS.

- 3. MASONRY SPECIFICATIONS:
A. HOLLOW CONCRETE BLOCK (MASONRY) UNITS SHALL CONFORM TO ASTM C90, WITH A MINIMUM COMPRESSIVE STRENGTH OF 2000 PSI ON THE NET AREA AND 1000 PSI ON THE GROSS AREA. (FM = 1500 PSI) FACE BRICK AS SPECIFIED.
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D. ALL VERTICAL REINFORCEMENT IN MASONRY WALLS SHALL HAVE CLASS "C" TENSION LAPS.
E. HORIZONTAL REINFORCING IN MASONRY WALL FOOTINGS SHALL BE CONTINUOUS W/ 30 DIAMETER MIN. LAP MEMBERS AT ALL INTERIOR AND EXTERIOR CORNERS.
4. TIMBER SPECIFICATIONS:
A. STRUCTURAL TIMBER SHALL BE #2 SOUTHERN YELLOW PINE (M.C. - 19%), OR APPROVED EQUAL (BY THE STRUCTURAL ENGINEER) UNLESS OTHERWISE NOTED ON DRAWINGS, WITH ALLOWABLE STRESSES AS FOLLOWS:
BENDING STRESS..... 1200 PSI
SHEAR STRESS..... 90 PSI
COMPRESSION STRESS PARALLEL TO GRAIN..... 1,000 PSI
MODULUS OF ELASTICITY..... 1,600,000 PSI
B. PLYWOOD SHEATHING:
I. EACH CONSTRUCTION AND INDUSTRIAL PANEL SHALL BE IDENTIFIED WITH THE APPROPRIATE TRADEMARK OF THE AMERICAN PLYWOOD ASSOCIATION, AND SHALL MEET THE REQUIREMENTS OF THE LATEST EDITION OF U.S. PRODUCT STANDARD PS 1 OR APA PRP-180 PERFORMANCE STANDARDS. ALL PANELS WHICH HAVE ANY EDGE OR SURFACE PERMANENTLY EXPOSED TO THE WEATHER SHALL BE GLASSED EXTERIOR.

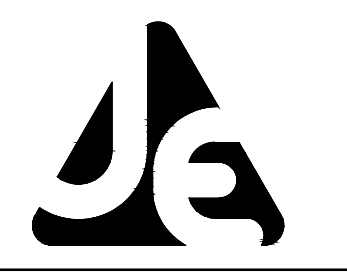
- II. PANEL ROOF, WALL, AND FLOOR SHEATHING SHALL BE 5/8" THICK APA STRUCTURAL I RATED SHEATHING EXP. 2. SHEATHING PERMANENTLY EXPOSED TO WEATHER SHALL BE GLASSED EXTERIOR.
III. NAIL PANELS W/OD COMMON RING SHANKED NAILS AT 4" O.C. ALONG SUPPORTED PANEL EDGES AND AT 6" O.C. AT INTERMEDIATE SUPPORTS.
C. ALL BEARING STUD WALLS SHALL HAVE SOLID BLOCKING AT ALL SHEATHING JOINTS.
D. PREFABRICATED WOODEN STRUCTURAL MEMBERS, INCLUDING TRUSSES SHALL BE DESIGNED SPECIFICALLY FOR THIS PROJECT FOR A 130 MPH LATERAL LOAD, AND SEALED BY A FLORIDA REGISTERED ENGINEER.
E. WOOD TO WOOD FRAMED CONNECTIONS ARE TO BE MADE WITH BOLTS AND/OR JOIST HANGERS AS SHOWN. TOE-NAILING IS NOT PERMITTED.
H. MAXIMUM SPANS OF DIMENSIONAL LUMBER USED FOR JACK RAFTERS AT HIPPED ROOF SECTIONS SHALL BE IN ACCORDANCE WITH "SPAN TABLES FOR JOISTS AND RAFTERS" AS PUBLISHED BY THE NATIONAL WOOD PRODUCTS ASSOCIATION.
I. HIP RAFTERS SHALL BE TWO (2) INCHES DEEPER THAN JACK RAFTERS.
J. ALL TRUSSES AND RAFTERS SHALL BE STRAPPED OR HURRICANE CLIPPED TO SUPPORTING MEMBERS AT ALL BEARING POINTS.
NOTES:
1. SECURE EACH ROOF TRUSS/RAFTER TO TOP PLATE WITH SIMPSON H-10 HURRICANE CLIP OR AS INDICATED ON PLANS.
USE SIMPSON H-10.2 TO SECURE ALL GIRDER TRUSSES AND PROVIDE MINIMUM 2 STUDS UNDER GIRDER TRUSS BEARING END. CONTRACTOR TO SUBMIT SHOP DRAWINGS OF TRUSSES TO ENGINEER TO VERIFY/MODIFY UP-LIFT CONNECTORS IF NECESSARY.
2. ALL EXTERIOR WALL FRAMING SHALL BE 2X6 AT 16" ON CENTER WITH 5/8" CDX PLYWOOD SHEATHING. PLYWOOD PANELS SHOULD EXTEND TO TOP & BOTTOM PLATES. NAIL PLYWOOD AT 4" O.C. AT ALL EDGES.



1. ROOF PLAN
SCALE: 1/4" = 1'-0"

RESTROOM & CONCESSION BUILDING

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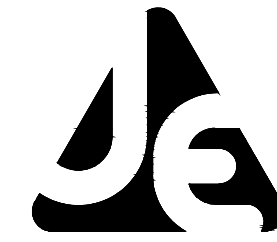
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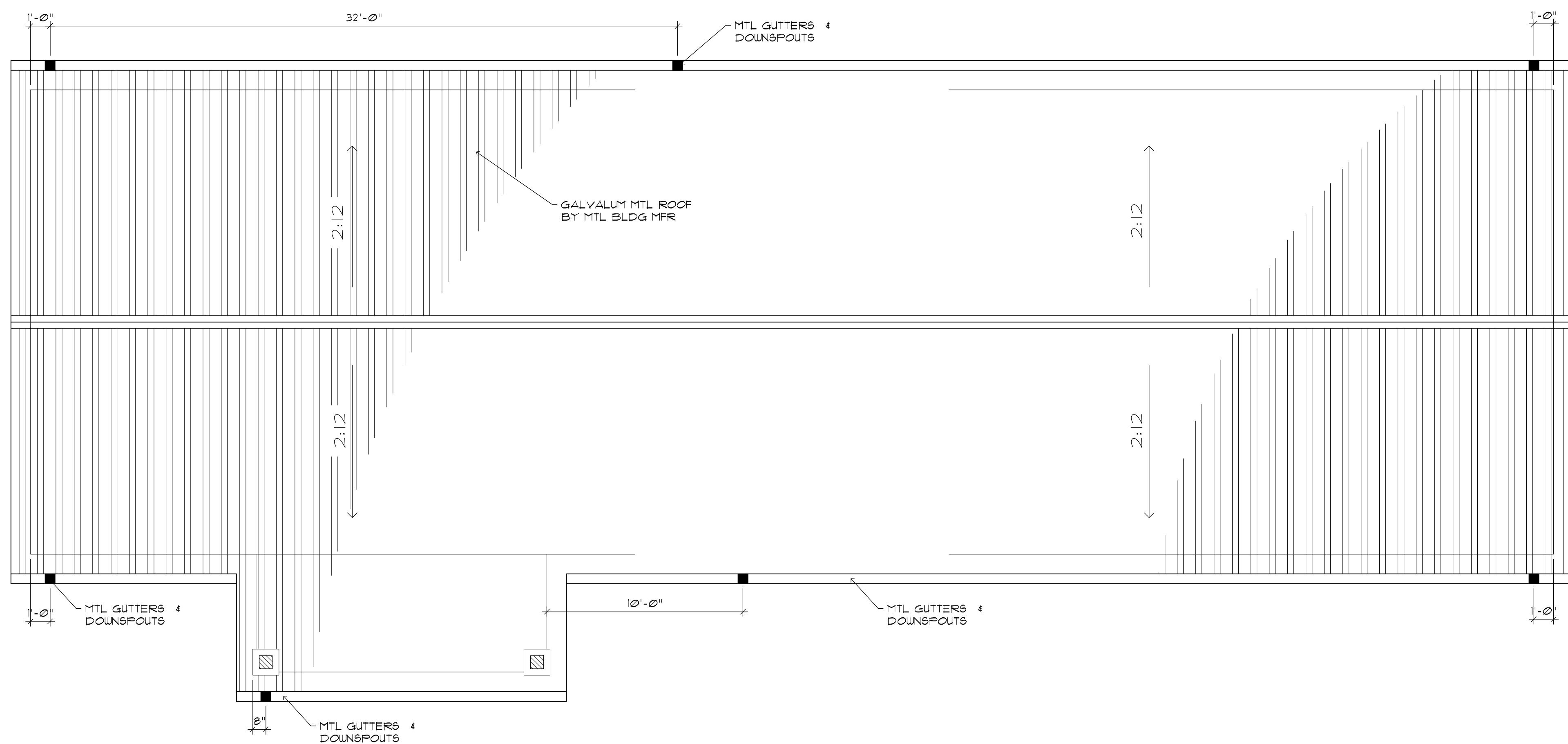
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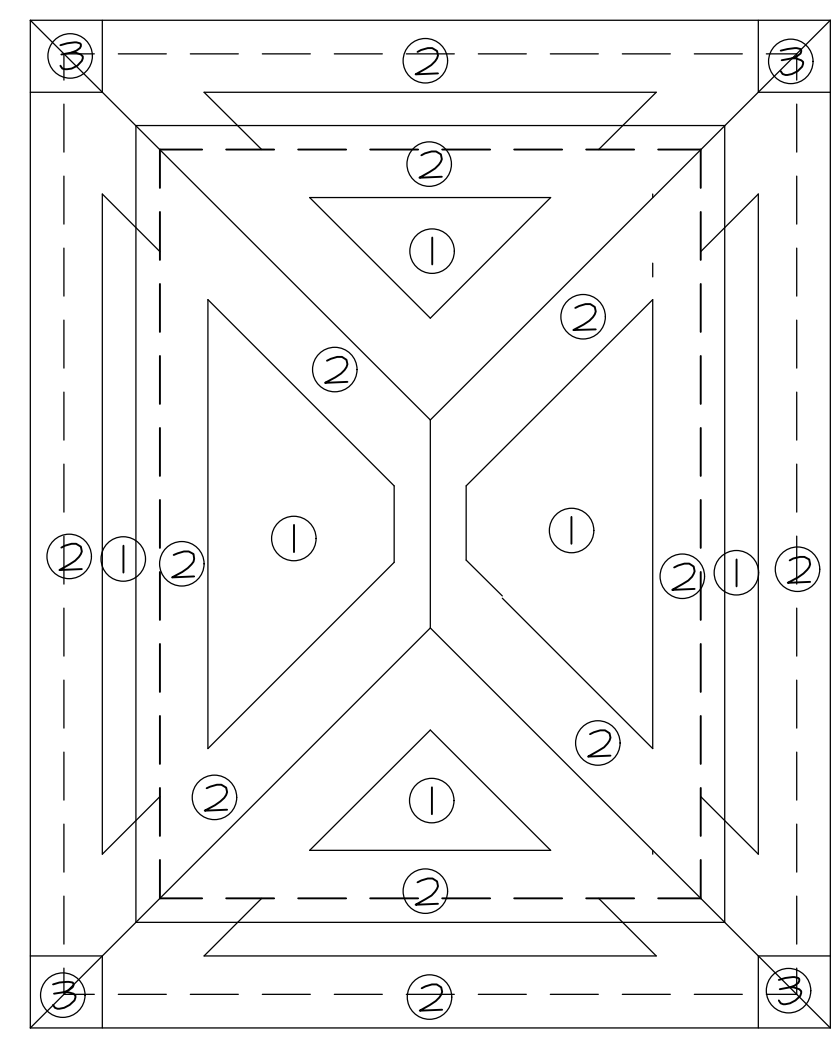
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1. ROOF PLAN
SCALE: 1/4" = 1'-0"
RECREATION BUILDING



ROOF PLAN PRESSURE DIAGRAM

WIND LOAD INFORMATION:

- BASIC WIND SPEED = 150 MPH
- WIND IMPORTANCE FACTOR = 1
- WIND EXPOSURE "B"
 HEIGHT & EXPOSURE ADJUSTMENT COEFFICIENT = 1.00
- VELOCITY PRESSURE $q = 0.00256 (Kz)(Kz1)(130)^2 (I)$
 $q = 0.00256 (.35)(16.900)(1) = 15.14$ PSF
 INTRENAL PRESSURE $P = 15.14(1.00)(+0.8) = 15.14(-0.30) = 17.62$ PSF
- COMPONENTS & CLADDING
 MINIMUM PRESSURE REQUIREMENTS ON BUILDING SURFACE.
 RESTROOM BUILDING:
 ROOF:
 ZONE 1: INTERIOR +25.2 -25.2 PSF
 ZONE 2: END ZONE (3'-0") +26.0 -32.0 PSF
 ZONE 3: CROSSED END (3'-0"x3'-0") +27.8 -35.6 PSF
 OVERHANGS -56.7 PSF
 WALLS:
 ZONE 4: INTERIOR SURFACE +25.4 -28.4 PSF
 ZONE 5: CORNERS (4'-0") +27.2 -34.3 PSF
- STRUCTURE CATEGORY = 2

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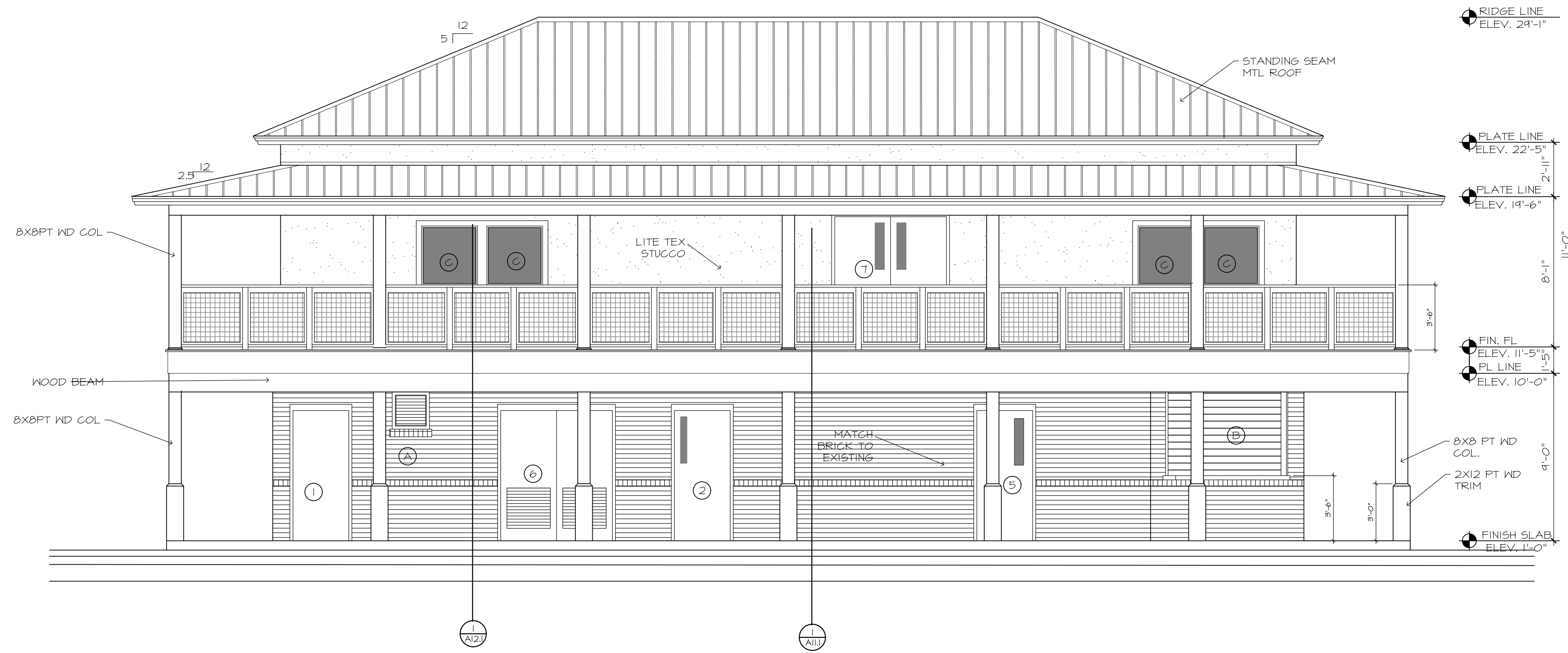
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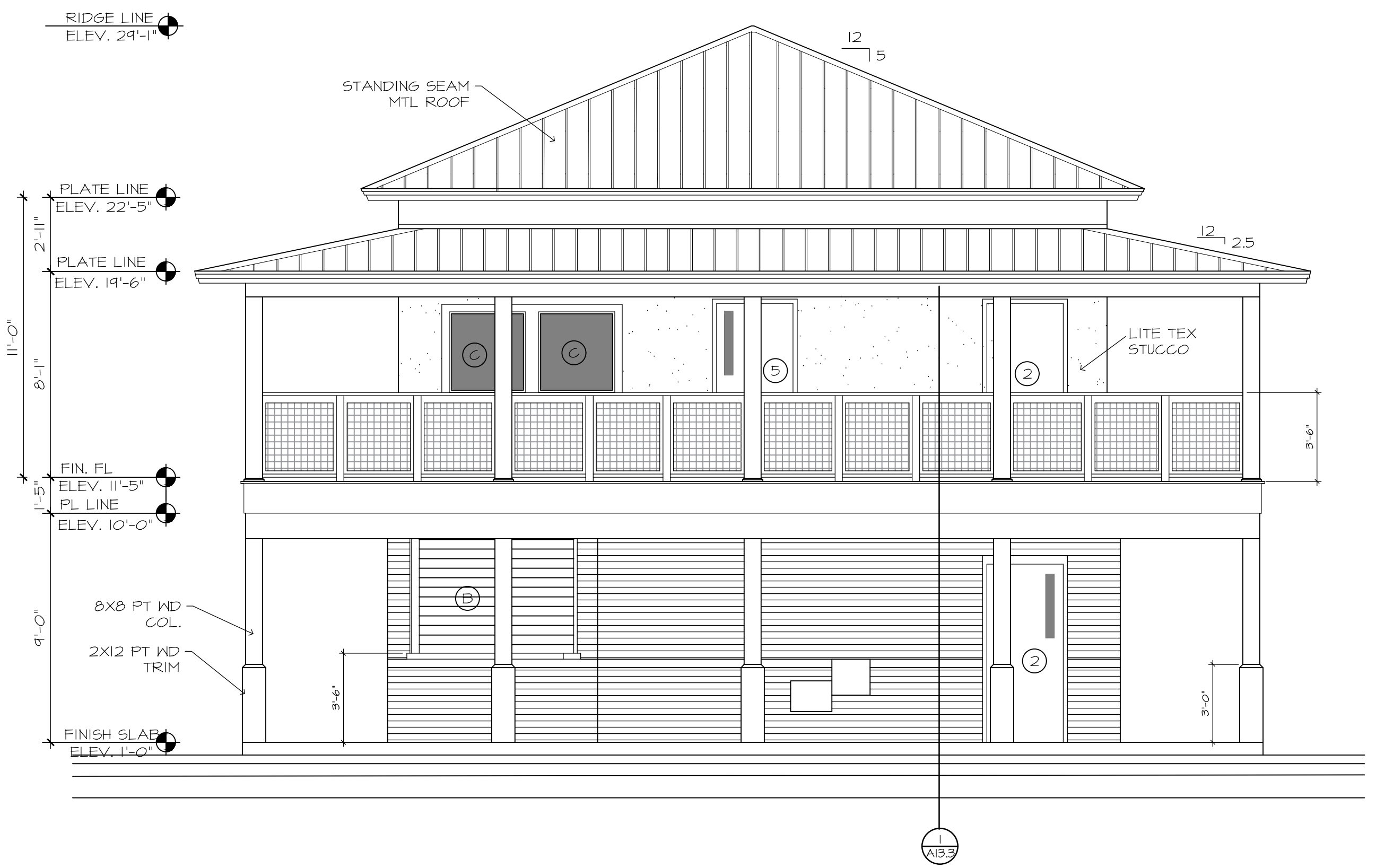
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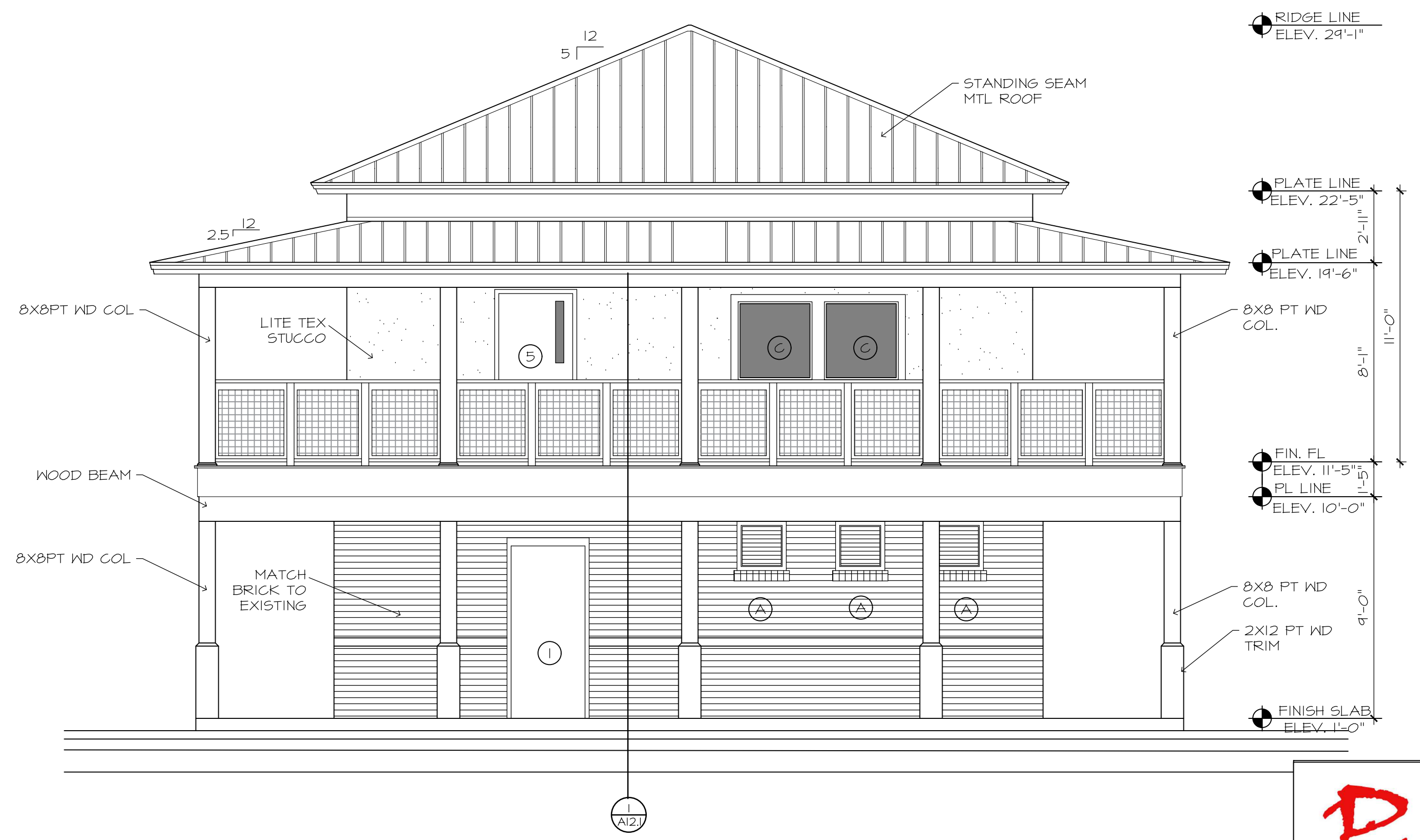
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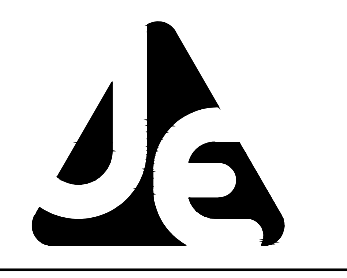
1. FRONT ELEVATION
 RESTROOM / CONCESSION BLDG
 SCALE: 1/4" = 1'-0"



2. EAST ELEVATION
 SCALE: 1/4" = 1'-0"



3. WEST ELEVATION
 SCALE: 1/4" = 1'-0"



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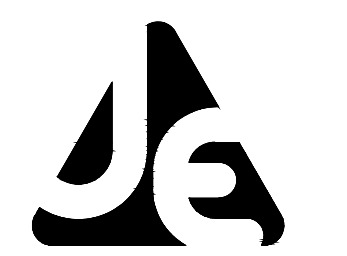
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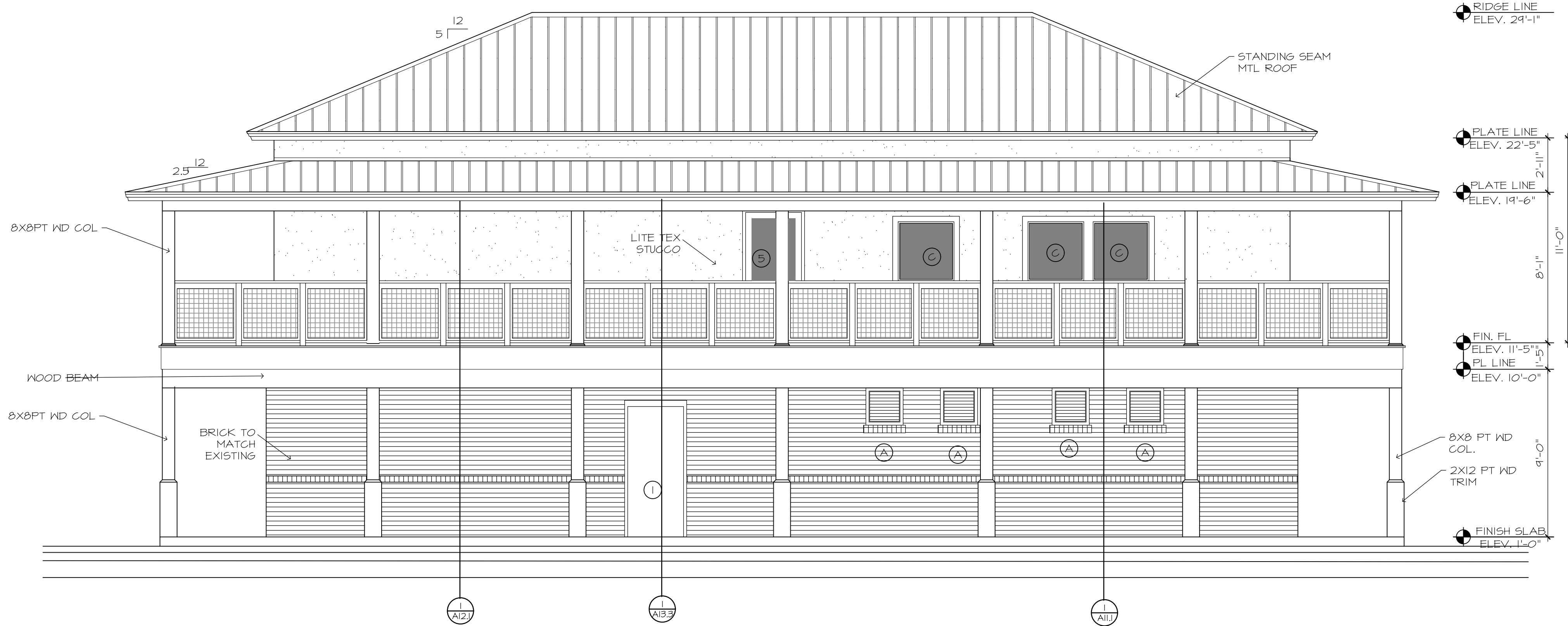
ARCHITECTS/PLANNERS
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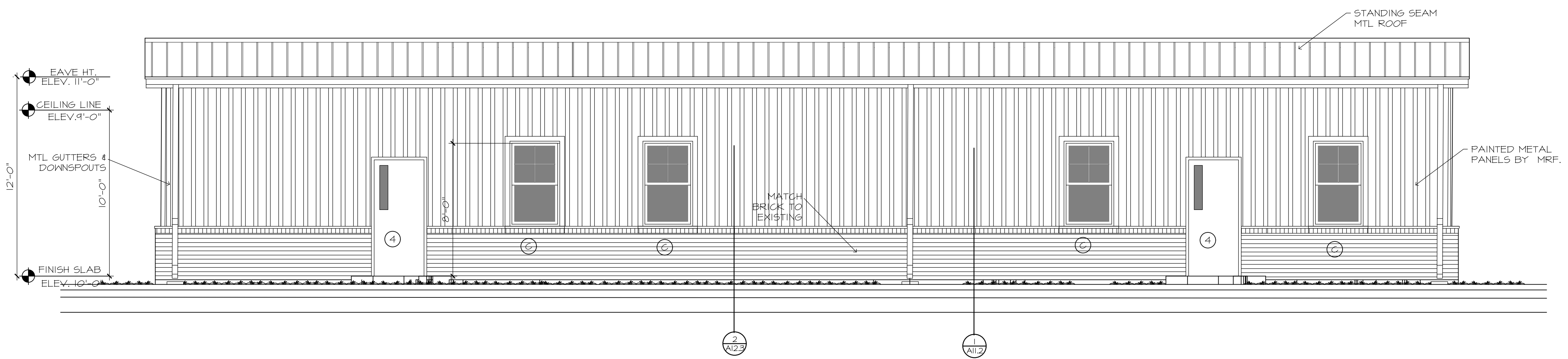
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1. NORTH ELEVATION
 SCALE: 1/4" = 1'-0"
 RESTROOM / CONCESSION BLDG



2. REAR ELEVATION
 SCALE: 1/4" = 1'-0"
 RECREATION BUILDING

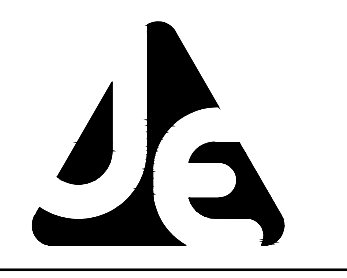
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PIAZZA
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 ARCHITECTS/PLANNERS
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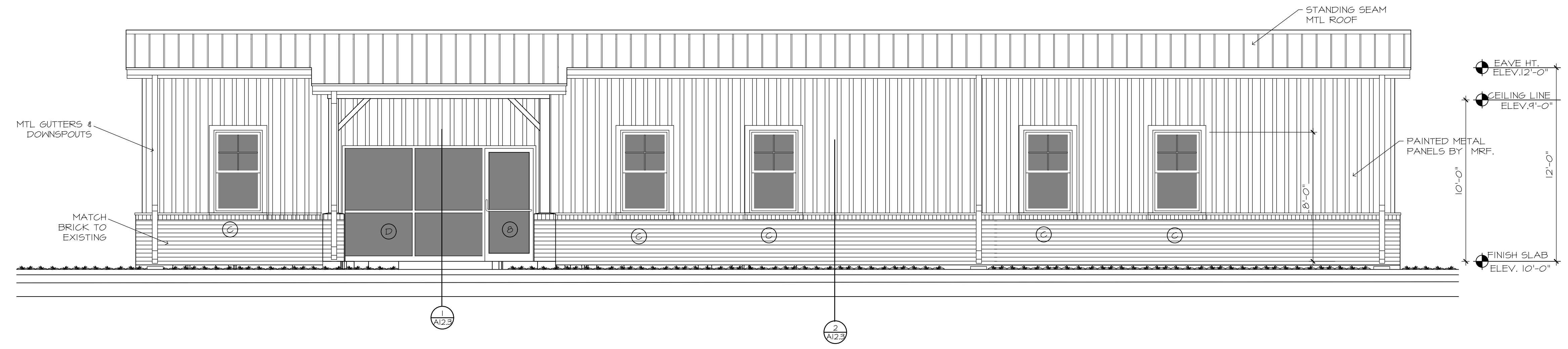
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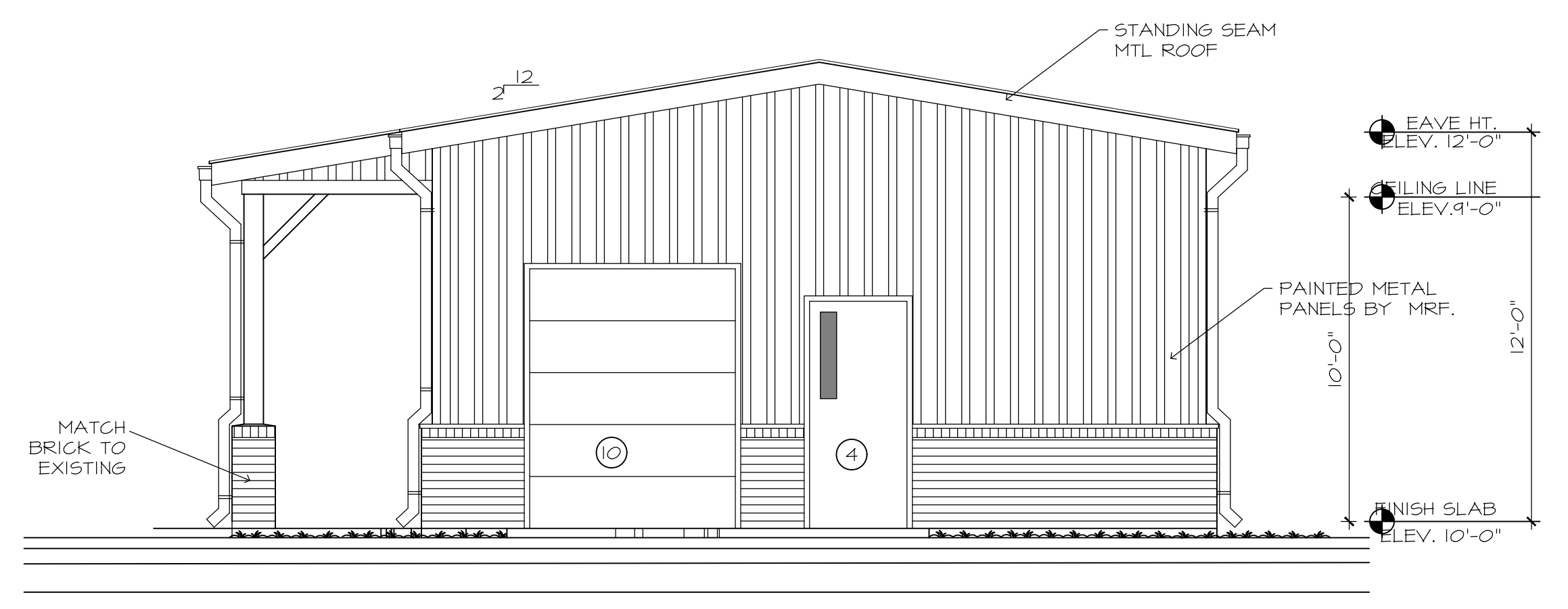
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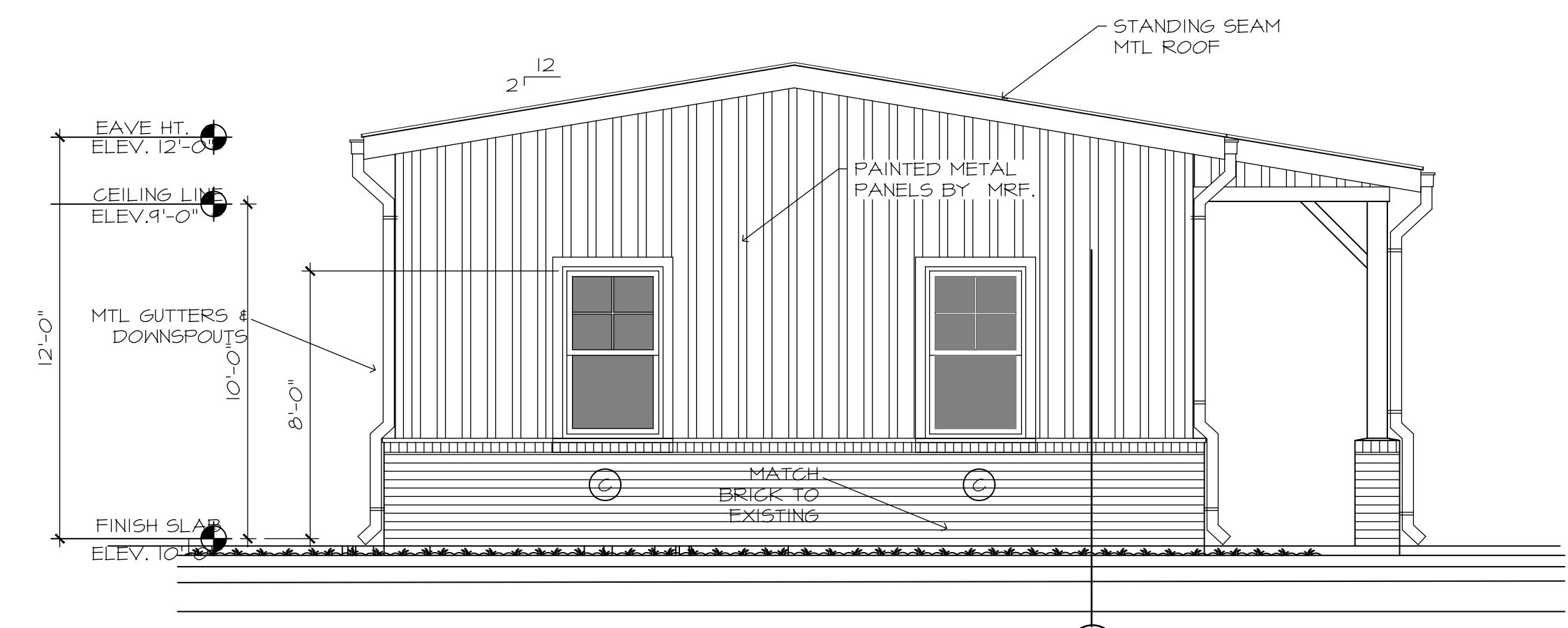
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1. FRONT ELEVATION
 SCALE: 1/4" = 1'-0"
 RECREATION BUILDING



2. SIDE ELEVATION
 SCALE: 1/4" = 1'-0"



3. SIDE ELEVATION
 SCALE: 1/4" = 1'-0"

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REV	DATE	DESCRIPTION

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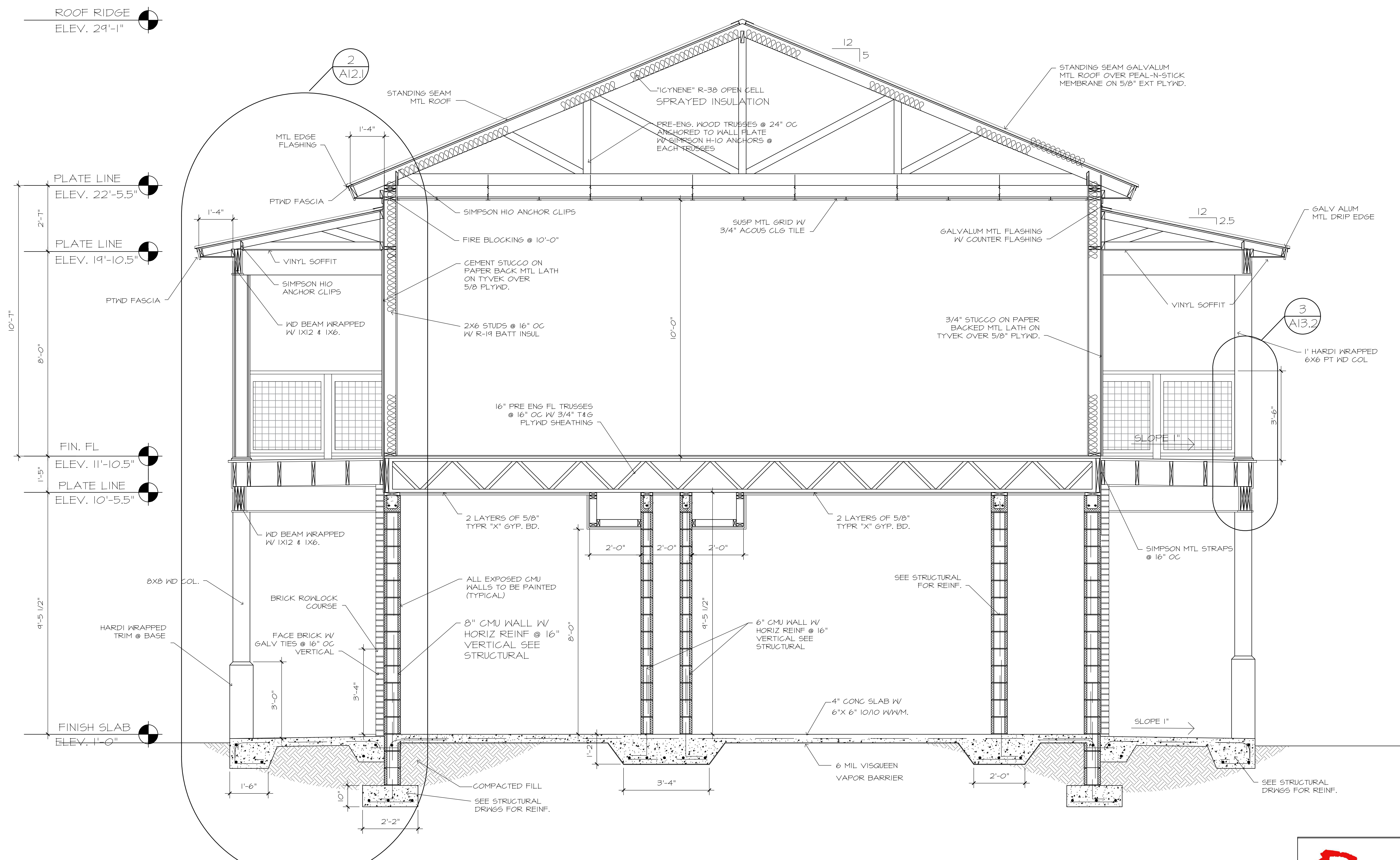
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PIAZZA
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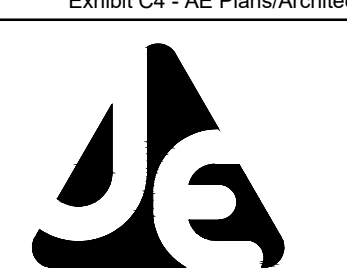


1. BUILDING SECTION
SCALE: 1/2" = 1'-0"

RESTROOM & CONCESSION BUILDING



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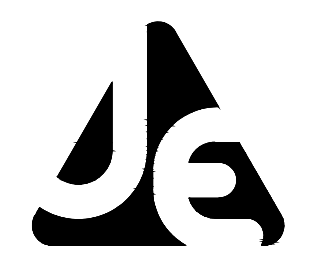


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JENKINS ENGINEERING, INC.
121 HART STREET
NICEVILLE, FLORIDA 32578
PHONE: (904) 676-5141
FAX: (904) 676-2466

REV	DATE	DESCRIPTION

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DATE: 02/20/24
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DRAWN: _____
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STRUCTURAL STEEL FRAMING SYSTEM:

- Design of Structural System: Clear or multi-span rigid frame with straight columns and roof beams with gable roof.
- Roof slope to be 2 inches in 12 inches.
- Structural Mill Sections or Welded-up Plate Sections: Designed in accordance w/ AISC.
- Cold-Formed Steel Structural members to be designed in accordance w/ AISI n American specifications.
- Structural System: Designed in accordance w/ FBC 2023 and related county requirements.
- Primary Framing:
 - Rigid Frames: Welded-up plate section columns & roof beams, complete w/ necessary splice plates for bolted field assembly.
 - Endwall Structural members: Cold-formed channel members designed in accordance w/ AISI N. American Specifications.
- Secondary Structural Members:
 - Purlins & truss purlins
 - Eave Members
 - Girts
 - Bracing
- Welding: Welding procedures, operator qualifications, & quality standards as per AWS D11 Structural Welding Code.
- Painting of Structural Steel Framing System: All steel members to be clean in accordance w/ SSPC-SP2 and factory primed w/ manufacturer's requirements.
- Supply all materials, fasteners, and end caps necessary to complete to job as required by the manufacturer.

METAL ROOF SYSTEM:

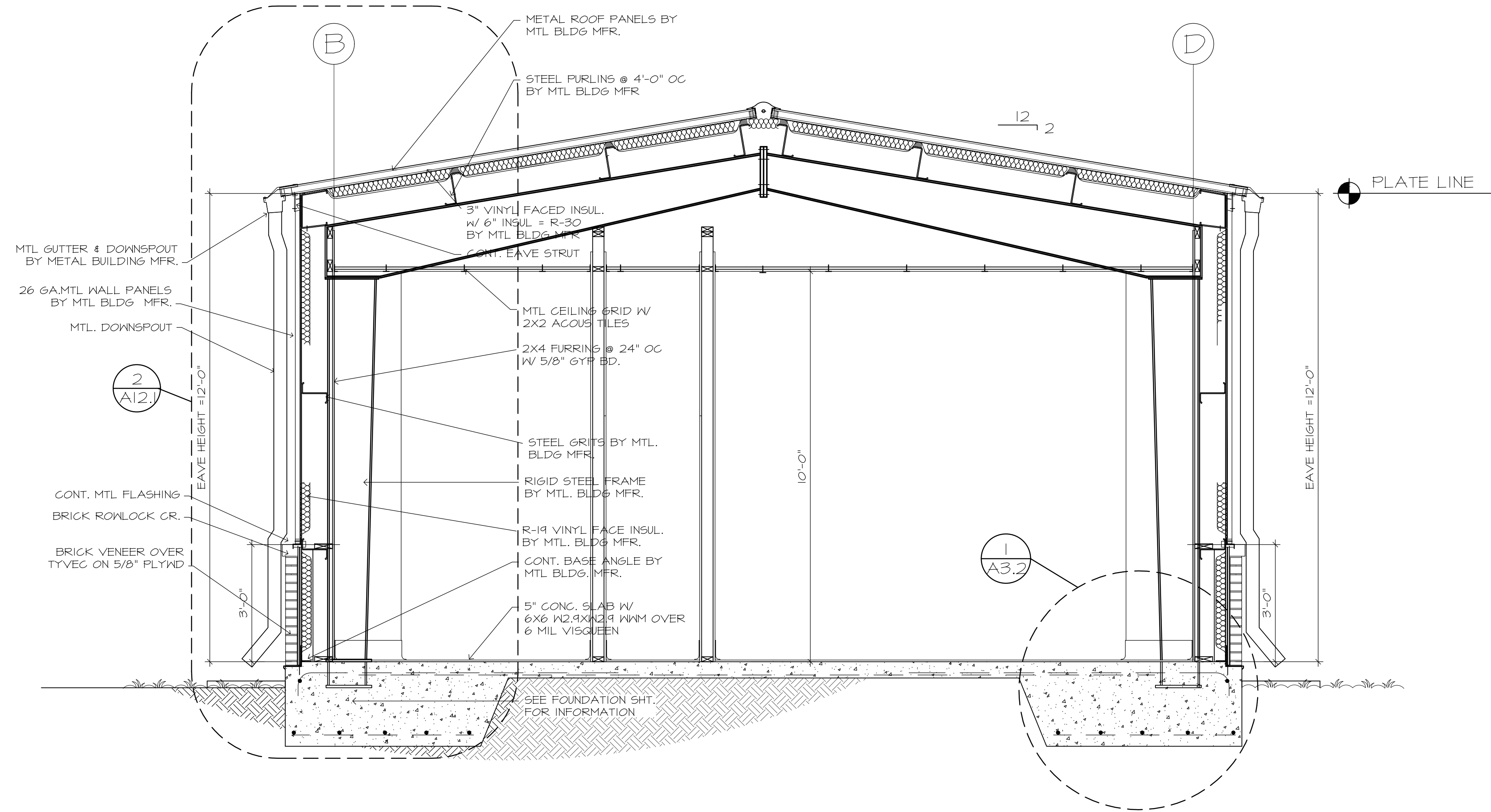
- Metal Roof System to be Dean Steel Bldg. "PV"- PROVR roof panel & "PL" PROLOK roof panels or approved equal, see elevations for location.
- ProVR 16" Panel Material & Finish to be 24 gauge steel coated both sides w/ layer of acrylic-coated Kynar finish with colors to be selected by Owner. PROLOK 24" Panels to be 24 gage steel Galvalume aluminum-zinc alloy applied by continuous hot-dip method. Apply clear acrylic film for additional protection.
- Installation of metal roof panel as per manufacturer's recommendations.
- Supply all materials, fasteners, and end caps necessary to complete to job as required by the manufacturer.

METAL WALL PANELS:

- Metal wall panels to be Dean Steel Bldg. "R-12" - Rib Twelve wall panel or approved equal.
- Wall panel design in accordance w/ AISI N American Specifications for the design of Cold-Formed Steel Structural Members.
- Wall Panels:
 - 36 inches wide w/ interlocking joints.
 - 26 gauge galvanized steel, ASTM A653, G90.
 - Embossed finish.
 - Panel exterior: Pre-finished w/ Butler-cote finish system, full-strength, 70% "Kynar 500" or "hylar 5000" fluoropolymer (PVDF) coating.
 - PVDF coating warranty to be 25 years standard warranty from the b metal building MFR.
- Acrylic-translucent panels intergrated into the R-12 panel design for clearstory lites.
- Color to be selected by the Owner from the standard colors by the Mfr.
- Supply all materials, fasteners, and end caps necessary to complete to job as required by the manufacturer.

ROOF & WALL INSULATION :

- Laminated Fiberglass: Owens-Corning Fiberglass, NAIMA 202 "Certified R" metal bldg. Insul.
- Back-Fill Insulation: Owens-Corning Fiberglass unfaced "Pink Mtl. Bldg. Insulation Plus".
- Roof Insulation: Nominal thickness - 6 & 4 inches, w/ R-Value equaling : 38.
- Wall Insulation: Nominal thickness 4 inches, w/ R-Value 13, vinyl faced.
- ProLOK-24 roof system height 12" lower layer R-19" (6") Upper layer R-19 (6") vinyl faced = total R-38.
- Install all insulation in accordance with manufacturer's recommendations and requirements.



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

DESIGN CRITERIA:

- A. CODES:
 2023 FLORIDA BUILDING CODES, 8th EDITION.
 AMERICAN INSTITUTE OF TIMBER CONSTRUCTION (TIMBER CONSTRUCTION MANUAL, LATEST EDITION).
 BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE (A.C.I. 318).
 BUILDING CODE REQUIREMENTS FOR STEEL FRAME STRUCTURES (A.C.I. 531).
- B. DESIGN LIVE LOADS:
 ROOF..... 20 PSF.
 FLOORS..... 40 PSF.
 LATERAL FORCES..... 150 MPH.

WIND LOAD INFORMATION:

- BASIC WIND SPEED = 150 MPH
- WIND IMPORTANCE FACTOR = 1
- WIND EXPOSURE "B"
 HEIGHT & EXPOSURE ADJUSTMENT COEFFICIENT = 1.00
- GUST FACTOR SUMMARY = 0.85
 INTRENAL PRESSURE COEFFICIENTS GCPI = 0.18 / - 0.18
- VELOCITY PRESSURE $Q = 0.00256 (Kz)(Kzt)(1.45)2 (1.0)$
 $Q = 0.00256 (0.85)(21,000)(1.0) = 45.69 \text{ PSF}$
 INTRENAL PRESSURE $P = 45.7(1.08)(+0.8) - 45.7(-0.30) = 53.21 \text{ PSF}$
- COMPONENTS & CLADDING
 MINIMUM PRESSURE REQUIREMENTS ON BUILDING SURFACE.
 WALLS:
 ZONE 5 CORNERS (4'-0") +31.9 -50.7 PSF
 ZONE 4 INTERIOR SURFACE +32.2 -35.4 PSF
 ROOF:
 ZONE 3 CROSSED END (3'x3') +5.4 -95.6 PSF
 ZONE 2 END (3'-0") +2.2 -41.1 PSF
 ZONE 1 INTERIOR +2.2 -34.7 PSF
- STRUCTURE CATAGORY = 2

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REV	DATE	DESCRIPTION

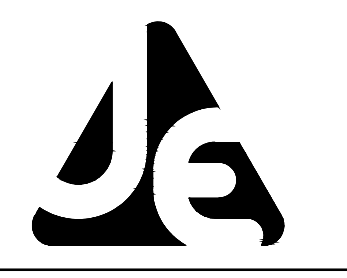
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 SHEET NUMBER
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PIAZZA
Design
 ARCHITECTS/PLANNERS
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RECREATION BUILDING



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 121 HART STREET
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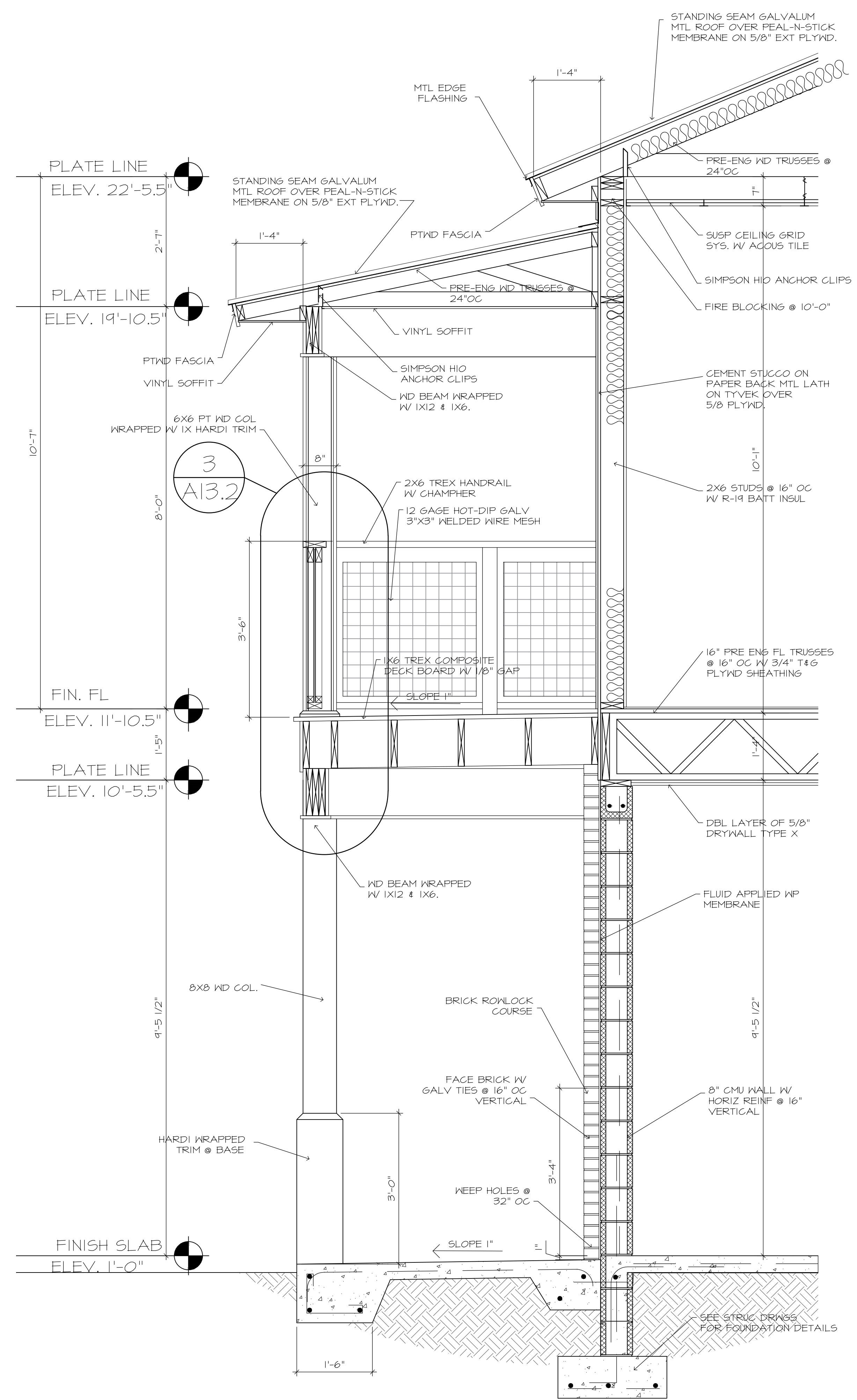
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 HOLLYWOOD BLVD.
 FT. WALTON BEACH • FLORIDA

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 DATE: 02/20/24
 DESIGNED: [Signature]
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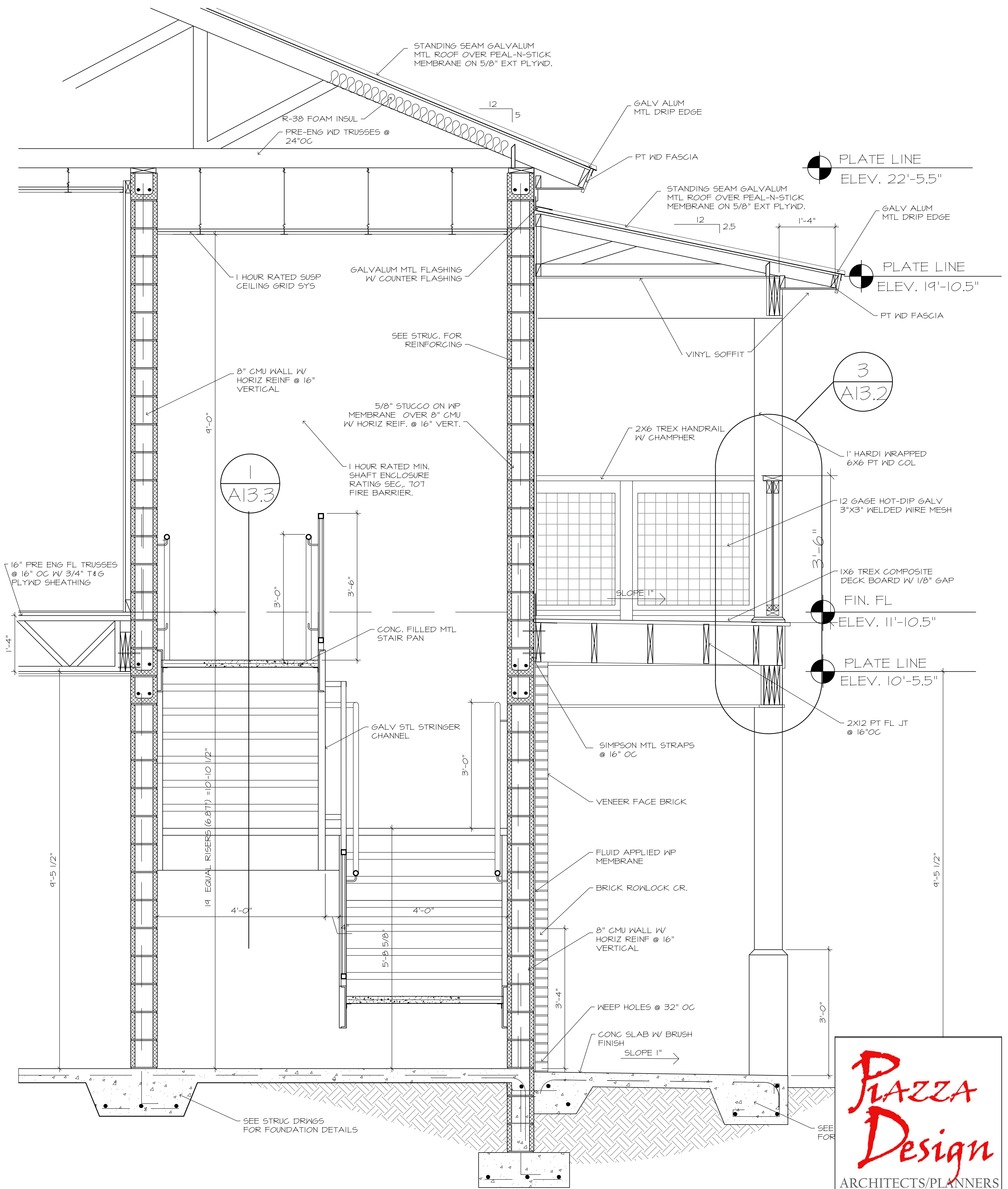
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A12.1



2. WALL SECTION
 SCALE: 3/4" = 1'-0"

RESTROOM & CONCESSION BUILDING



1. WALL SECTION
 SCALE: 3/4" = 1'-0"



AR 0011375
 14346 SANDARAC DRIVE
 BOKEELIA, FLORIDA 33922
 (850)-496-5735

1. PROJECT NOTES

SCALE: NONE

DESIGN CRITERIA:

- A. CODES:
 2023 FLORIDA BUILDING CODES, 8th EDITION, w/ SUPPLEMENTS.
 AMERICAN INSTITUTE OF TIMBER CONSTRUCTION (TIMBER CONSTRUCTION MANUAL, LATEST EDITION).
 BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE (A.C.I. 318).
 BUILDING CODE REQUIREMENTS FOR CONCRETE MASONRY STRUCTURES (A.C.I. 531).
- B. DESIGN LIVE LOADS:
 ROOF..... 20 PSF.
 FLOORS..... 40 PSF.
 LATERAL FORCES..... 150 MPH.

WIND LOAD INFORMATION:

- BASIC WIND SPEED = 150 MPH
- WIND IMPORTANCE FACTOR = 1
- WIND EXPOSURE "B"
 HEIGHT & EXPOSURE ADJUSTMENT COEFFICIENT = 1.00
- GUST FACTOR SUMMARY = 0.85
 INTERNAL PRESSURE COEFFICIENTS GCPI = 0.18 / -0.18
- VELOCITY PRESSURE $Q = 0.00256 (Kz)(Kz1)(46)^2 (1.21) = 22.45$ PSF
 INTERNAL PRESSURE $P = 22.45(1.08)(+0.8) - 22.45(-0.30) = 26.14$ PSF
- COMPONENTS & CLADDING
 MINIMUM PRESSURE REQUIREMENTS ON BUILDING SURFACE.

WALLS:		
CORNERS (3'-4')	+40.8	-53.2 PSF
INTERIOR SURFACE	+36.3	-34.4 PSF

ROOF:		
END ZONE (3'-0")	+35.5	-42.1 PSF
CROSSED END (3'-0"X3'-0")	+36.2	-44.4 PSF
INTERIOR	+35.5	-35.5 PSF
OVERHANGS		-62.3 PSF

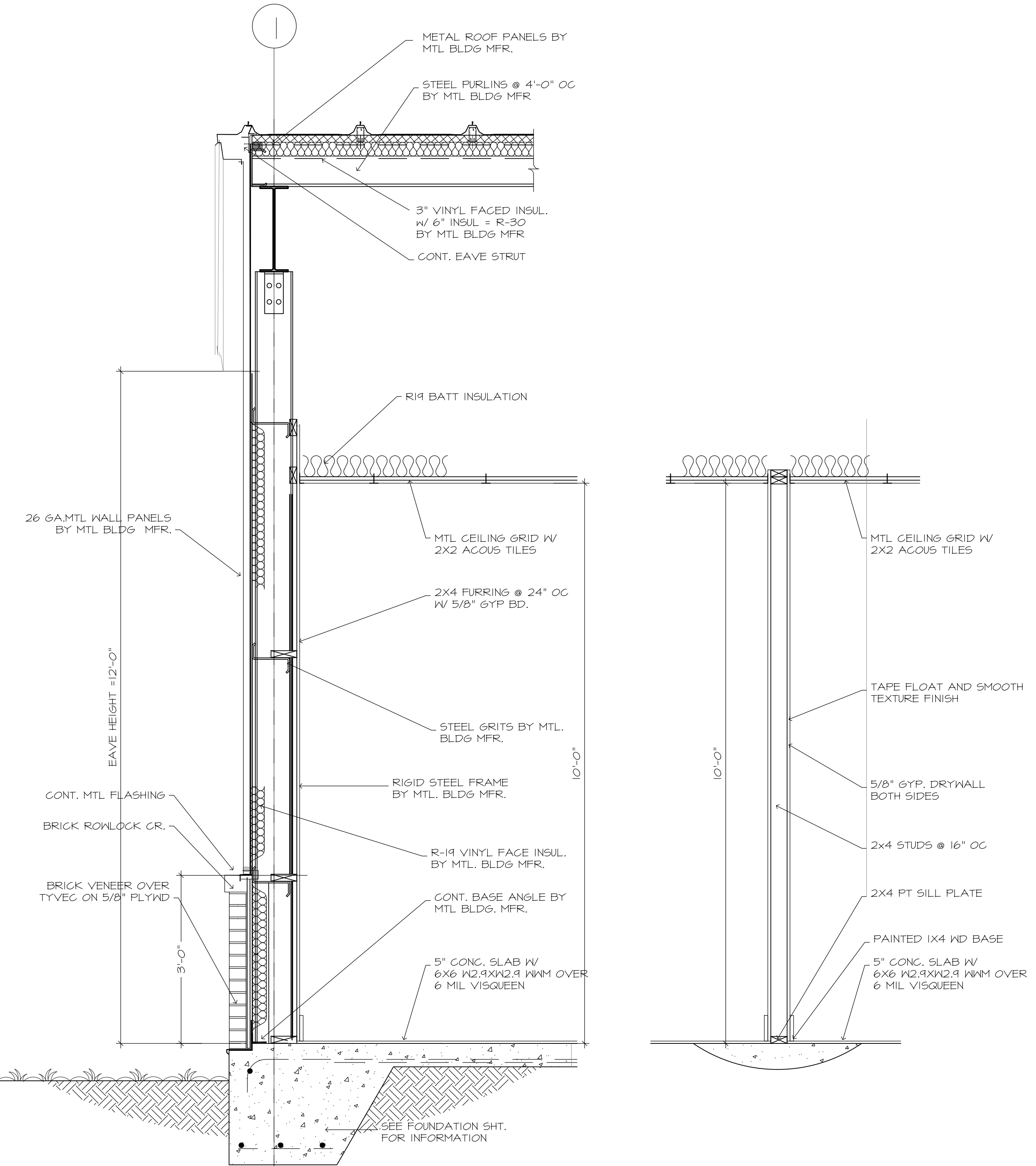
FRAMING NOTES:

- All wood framing to be #2 Southern Yellow Pine, kiln dried.
- All lintels to be min. 2-2x10 at doors and windows, unless otherwise noted.
- All bridging to be solid, max. 8'-0" o.c.
- Only metal joist hangers shall be used.
- Wood beams to be #1 Structural Grade S.Y.P.
- All bolted connections to be extra strength A-304 bolts.
- All plywood sheathing to be exterior grade, w/ 8D galv. common @ 4' perimeter & 4" field.
- All bottom plates to be pressure treated lumber, when in contact with concrete.
- Hurricane anchors, Simpson # H10 to be installed at every truss or rafter.
- All exposed floor framing and beams to be pressure treated.
- Wood decking to be 5/4x6 #2 SYP treated with 1/8" gap between boards, screwed with ceramic coated 2" deck screws.
- All exposed framing to be treated.
- 1/2" continuous bead caulking shall be applied under all exterior plates.
- Each corner and intersection to have minimum of three studs.
- Provide "Ty-vek" sheathing on all exterior walls.
- 5/8" galv. threaded rod system from floor to top plate, provide 3" sq plate @ top. 12" max @ every corner side, & openings 5'-0" and larger.
- Wood studs shall be #2 SYP nailed to sole plate and header plates with Simpson SP1 and SP2.
- All straps shall be installed as per manufactures directions and shall have not less than 6 10d galvanized nails on each end.
- Gable ends shall have Simpson # MSTC32 1/8" ga. galvanized steel straps @ 16" oc overlapping floor joist and nailed as required by code.
- Approved galvanized metal corner bracing shall be installed on all outside corners, and shall cover top and bottom plates.
- All exterior 2x6 stud wall headers to be min. 3-2x10 w/ 2- 1/2" plynd. and all 2x4 stud walls headers to be 2-2x10 w/ 1/2" plynd.
- All rafters shall have Simpson MSTA21 straps across ridge matching rafter and shall have not less than 10 10d galvanized nails on each end.
- Column anchors are to be 3/4" dia. thru bolts w/ nut and washers.
- Siding to be Hardi Board with factory primed finish and wood texture.
- Truss Manufacture to submit shop drawings signed and sealed by structural Engineer to meet the velocity pressure design requirements for 150 MPH for review and approval prior to fabrication.
- Roof trusses shall be design for the following loads:

a. Top chord live load	= 25 lb/sf
b. Top chord dead load	= 15 lb/sf
c. Bottom chord dead load	= 10 lb/sf
Total Load	= 50 lb/sf

PROJECT DESIGN NOTES:

- ### 2. TIMBER SPECIFICATIONS
- A. STRUCTURAL TIMBER SHALL BE #2 SOUTHERN YELLOW PINE (M.C.-14%), OR LODGE POLE OR EQUAL UNLESS OTHERWISE NOTED ON DRAWINGS, WITH ALLOWABLE STRESSES AS FOLLOWS:
- | | | |
|--------------------------------------|---------------|---------------|
| BENDING STRESS | 1,200 PSI | 1,050 PSI |
| SHEAR STRESS | 90 PSI | 70 PSI |
| COMPRESSION STRESS PARALLEL TO GRAIN | 1,000 PSI | 700 PSI |
| MODULUS OF ELASTICITY | 1,600,000 PSI | 1,200,000 PSI |
- B. STRUCTURAL GLUE LAMINATED TIMBER SHALL BE VISUALLY GRADED SOUTHERN PINE WITH THE FOLLOWING MINIMUM ALLOWABLE STRESSES:
- | | |
|-----------------------|---------------|
| BENDING STRESS | 2,400 PSI |
| SHEAR STRESS | 200 PSI |
| MODULUS OF ELASTICITY | 1,800,000 PSI |
- C. STRUCTURAL PARALLAM BEAMS ALL SHALL HAVE THE FOLLOWING MINIMUM ALLOWABLE STRESSES:
- | | |
|-----------------------|---------------|
| BENDING STRESS | 2,400 PSI |
| SHEAR STRESS | 240 PSI |
| MODULUS OF ELASTICITY | 2,000,000 PSI |
- D. PLYWOOD SHEATHING:
- EACH CONSTRUCTION AND INDUSTRIAL PANEL SHALL BE IDENTIFIED WITH THE APPROPRIATE TRADEMARK OF THE AMERICAN PLYWOOD ASSOCIATION, AND SHALL MEET THE REQUIREMENTS OF THE LARGEST EDITION OF U.S. PRODUCT STANDARDS PS 1 OR PRP-180 PERFORMANCE STANDARDS. ALL PANELS WHICH HAVE ANY EDGE OR SURFACE PERMANENTLY EXPOSED TO WEATHER SHALL BE CLASSIFIED EXTERIOR.
 - PANEL ROOF, WALL AND FLOOR SHEATHING SHALL BE 1/2" THICK APA STRUCTURAL I RATED SHEATHING EXP 2 (UNLESS OTHERWISE NOTED ON PLANS). SHEATHING PERMANENTLY EXPOSED TO WEATHER SHALL BE CLASSIFIED EXTERIOR.
 - NAIL PANELS WITH 8D COMMON NAILS AT 3" O.C. ALONG SUPPORTED PANEL EDGES AND 6" O.C. AT INTERMEDIATE SUPPORTS, OR AS INDICATED ON PLANS.
- E. ALL BEARING STUD WALLS SHALL HAVE SOLID BLOCKING AT MID-HEIGHT OR AS OTHERWISE NOTED ON BUILDING SECTIONS.
- F. PREFABRICATED WOOD STRUCTURAL MEMBERS, INCLUDING TRUSSES SHALL BE DESIGNED SPECIFICALLY FOR THIS PROJECT FOR A 130 MPH WIND LOAD IAW ASCE 7-16 LATERAL LOAD, AND SEALED BY A FLORIDA REGISTERED ENGINEER.
- G. REVIEW ALL DRAWINGS INCLUDING MECHANICAL, ELECTRICAL, PLUMBING ETC. TO ASCERTAIN LOADS FROM EQUIPMENT, OPENINGS FOR DUCTS ETC. AND PROVIDE MODIFICATION TO TRUSSES IF REQUIRED TO SUPPORT SAME.
- H. TRUSS LAYOUT AS SHOWN ON PLANS IS SCHEMATIC AND MAY BE MODIFIED WITH APPROVAL OF THE ENGINEER.
- I. ALTHOUGH WEB LAYOUT MAY BE SHOWN ON PLANS, IT IS THE RESPONSIBILITY OF THE TRUSS DESIGNER TO ACCEPT, APPROVE, OR MODIFY, AS REQUIRED FOR THE DESIGN PURPOSE.
- J. WOOD-TO-WOOD FRAMED CONNECTIONS ARE TO BE MADE WITH BOLTS AND/OR JOIST HANGERS AS SHOWN. TOE-NAILING IS NOT PERMITTED.
- K. MAXIMUM SPANS OF DIMENSIONAL LUMBER USED FOR JACK RAFTERS AT HIPPED ROOF SECTIONS SHALL BE IN ACCORDANCE WITH "SPAN TABLES FOR JOISTS AND RAFTERS" AS PUBLISHED BY THE NATIONAL WOOD PRODUCTS ASSOCIATION.
- L. HIP RAFTERS SHALL BE 2 INCHES DEEPER THAN JACK RAFTERS.
- M. ALL TRUSSES AND RAFTERS SHALL BE STRAPPED OR HURRICANE CLIPPED TO SUPPORTING MEMBERS AT ALL BEARING POINTS.
- N. SECURE EACH ROOF TRUSS/RAFTER TO TOP PLATE WITH SIMPSON HURRICANE CLIPS AS INDICATED ON PLANS. CONTRACTOR TO SUBMIT SHOP DRAWINGS OF TRUSSES TO ENGINEER TO VERIFY/MODIFY UP-LIFT CONNECTORS.
- O. ALL EXTERIOR WALL FRAMING SHALL BE 2"x6" @ 16" O.C. UNLESS NOTED OTHERWISE. 5/8" CDX PLYWOOD PANELS SHOULD EXTEND TO THE TOP PLATE AND TO THE BOTTOM OF EXTERIOR GIRDBERS OR SILL PLATE. NAIL PLYWOOD AT 4" O.C. AT ALL EDGES & 6" O.C. AT INTERMEDIATE SUPPORTS OR AS INDICATED PER PLAN.
- P. USE SIMPSON ST10 (OR EQUAL) RIDGE/RAFTER CONNECTORS OR SIMPSON RR STRAPS AT ALL RAFTERS/RIDGE BEAMS OR AS INDICATED PER PLAN.
- Q. USE SIMPSON SP1 & SP2 (OR EQUAL) TO SECURE STUDS TO BOTTOM AND TOP PLATES, OR AS INDICATED ON PLAN.
- R. USE TWO (2) SIMPSON LSTA21 (OR EQUAL) TO SECURE EACH BEAM HEADER BEARING END TO EACH SUPPORT, OR AS INDICATED PER PLAN.
- S. USE SIMPSON LSTA21 STRAP TIES (OR EQUAL) OR SIMPSON SP4 (OR EQUAL) AT TOP OF EACH EXTERIOR WINDOW AND DOOR FRAME OPENING, OR AS INDICATED PER PLANS.
- T. CUTTING, NOTCHING BORED HOLES IN STUD WALLS, RAFTERS, ETC., SHALL BE DONE IN ACCORDANCE WITH THE FLORIDA BUILDING CODE 2012, CHAPTER 23.
- U. RIDGE BOARDS WHERE INDICATED ON FRAMING PLANS SHALL NOT BE LESS THAN 1" IN THICKNESS, & NOT LESS IN DEPTH THAN CUT END RAFTERS. RAFTERS SHALL BE PLACED DIRECTLY OPPOSITE EACH OTHER AND NAILED TO RIDGE BOARD.
- V. ALL WOOD BUILT-UP GIRDBERS, BEAMS, STUDS TO SOLE PLATES, ETC. TO BE CONNECTED AS PER FLORIDA BUILDING CODE FASTENING SCHEDULE 2306-1.
- W. AT OPENINGS IN EXTERIOR WALLS, A WALL STUD SHALL BE AT EACH SIDE OF THE OPENING w/ THE ENDS OF THE HEADER SUPPORTED AS FOLLOWS (UNLESS OTHERWISE NOTED):
- FOR OPENINGS LESS THAN 3 FEET IN WIDTH, EACH SIDE OF HEADER SHALL REST ON A SINGLE HEADER STUD OR MAY BE SUPPORTED BY FRAMING ANCHORS ATTACHED TO WALL STUD.
 - FOR OPENINGS OVER 3 FEET TO LESS THAN 6'-0", EACH END SHALL BEAR ON A SINGLE HEADER STUD.
 - FOR OPENINGS MORE THAN 6'-0" AND LESS THAN 12' IN WIDTH, EACH END SHALL BEAR ON A DOUBLE HEADER STUD.
 - ANY HEADER SUPPORTING CONCENTRATED LOADS FROM BEAMS ABOVE, EACH END SHALL BEAR ON DOUBLE HEADER STUDS.
- X. WHERE WOOD BEAMS BEAR ON STUD WALLS, PROVIDE MINIMUM DOUBLE OR TRIPLE STUDS, DEPENDING ON BEAM WIDTH AND LOADS, UNDER FOUNDATION.
- Y. AT AREAS WHERE TRUSSES REQUIRE HEADERS TO ADJACENT TRUSSES, PROVIDE HEADERS AS DETERMINED BY ACCEPTABLE ENGINEERING DESIGNS.



1. WALL SECTION SCALE: 3/4" = 1'-0"
2. TYP. INTERIOR WALL SCALE: 3/4" = 1'-0"

Piazza Design
 ARCHITECTS/PLANNERS

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 FAX: 904.729.2468

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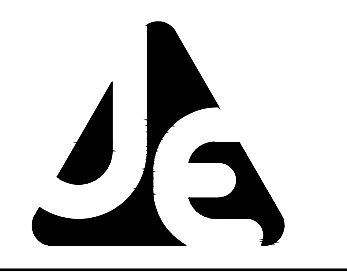
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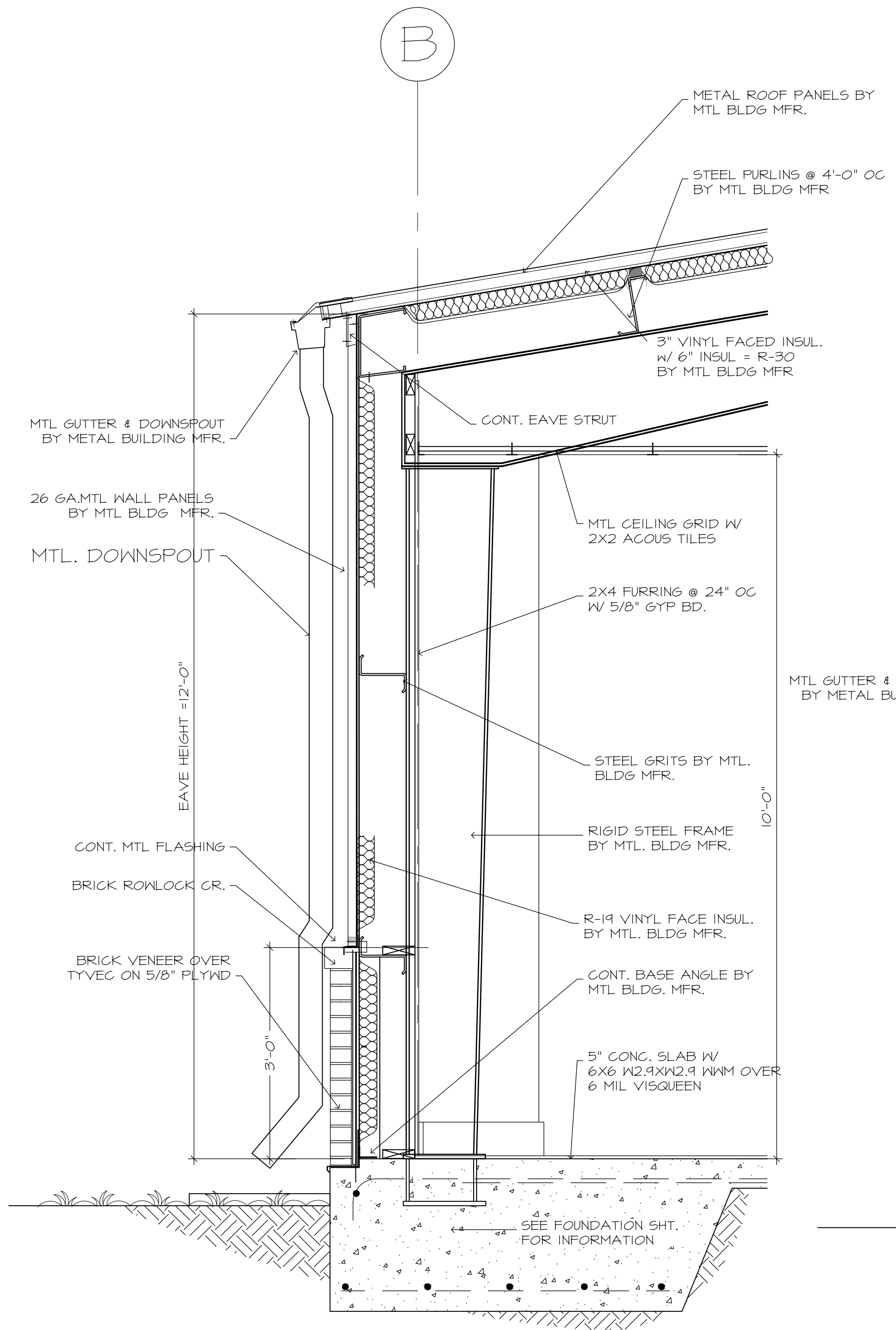
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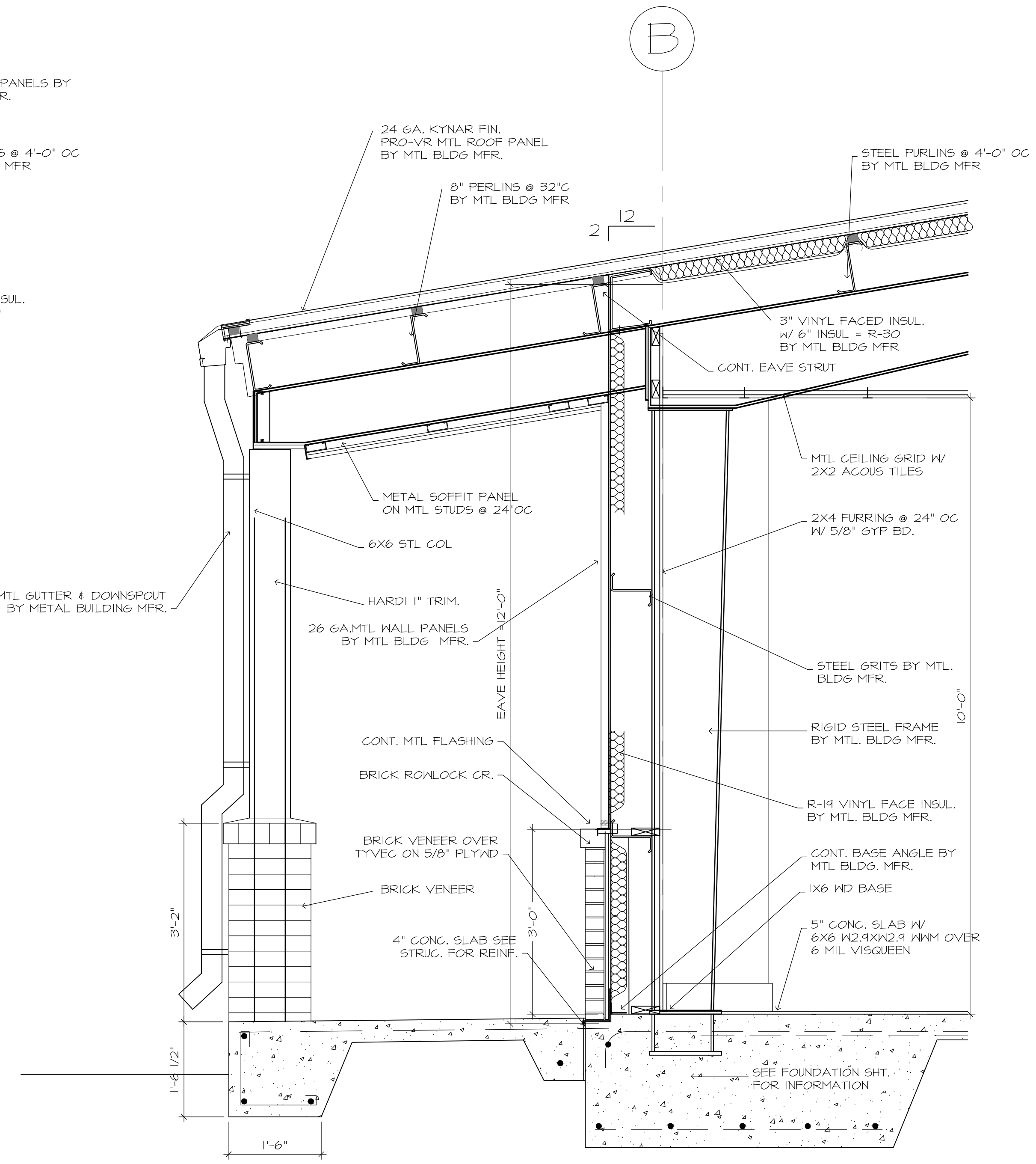


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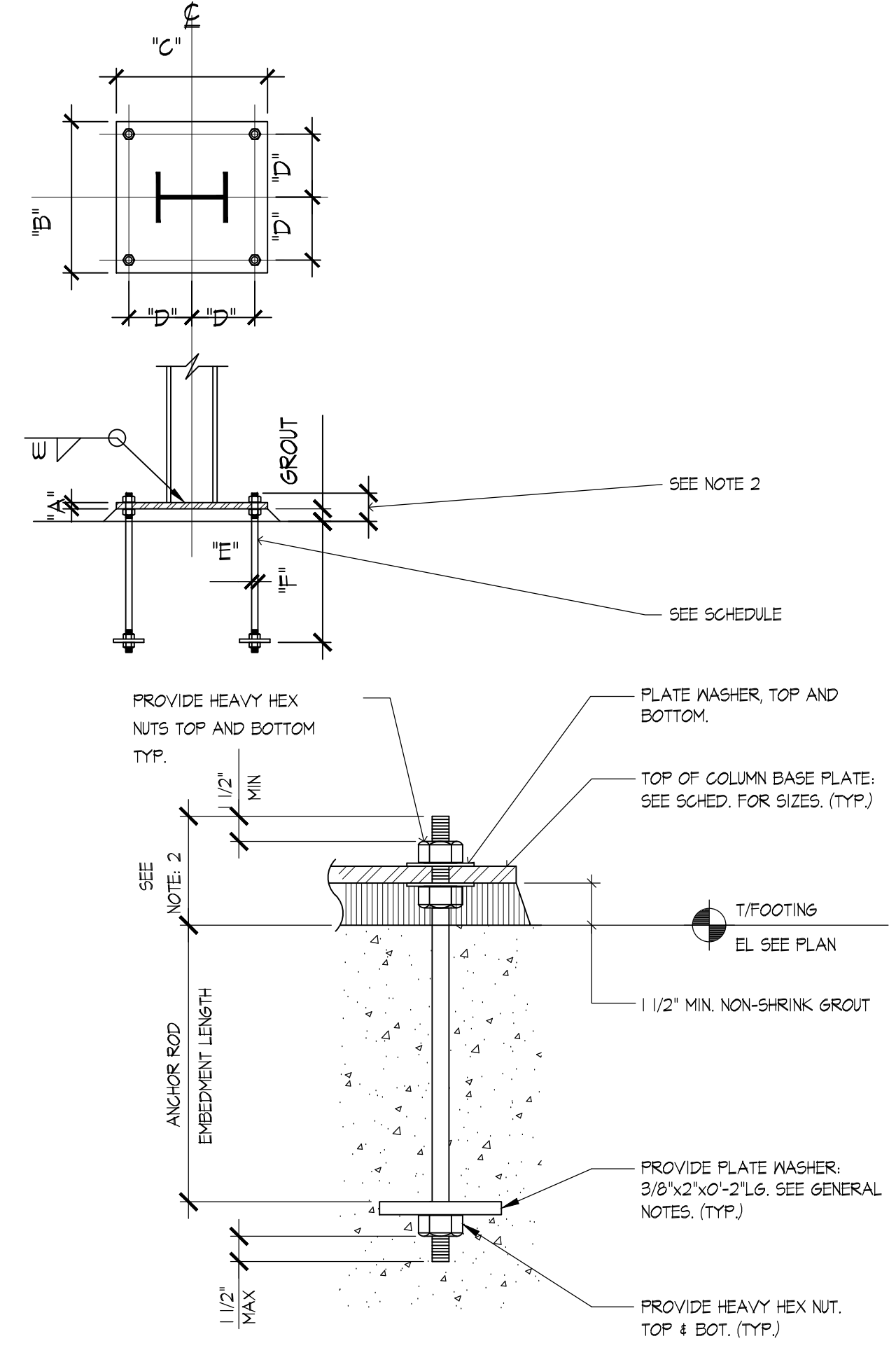
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2. WALL SECTION
 SCALE: 3/4" = 1'-0"



1. WALL SECTION
 SCALE: 3/4" = 1'-0"



- ANCHOR ROD NOTES:**
1. INFORMATION SHOWN IN THIS DETAIL, IS FOR USE WITH ANCHOR RODS - 3/4" DIA. AND LARGER.
 2. ANCHOR ROD PROJECTION, MINIMUM LENGTH AS REQUIRED TO ACCOUNT FOR NON-SHRINK GROUT, COLUMN BASE PLATE THICKNESS, WASHERS / NUT, PLUS 1/2" MIN. (THREADED LENGTH ABOVE NUT)
 3. HOLES IN PLATE WASHERS SHALL BE SIZED 1/16" OVER THAT OF ANCHOR ROD DIAMETER.
 4. ALL ANCHOR ROD NUTS SHALL BE "SNUG TIGHTENED" AS DEFINED BY "AISC" AFTER THE FOOTING CONCRETE HAS A MINIMUM OF 14 (FOURTEEN) DAYS TO CURE. (TYPICAL UNLESS NOTED OTHERWISE)
 5. ALL STEEL SIZES, ANCHORS, FITTINGS, AND CONNECTIONS ARE TO BE AS PER THE MANUFACTURER DESIGN AND ENGINEERING.

3. TYP. ANCHOR DETAILS
 SCALE: NOT TO SCALE



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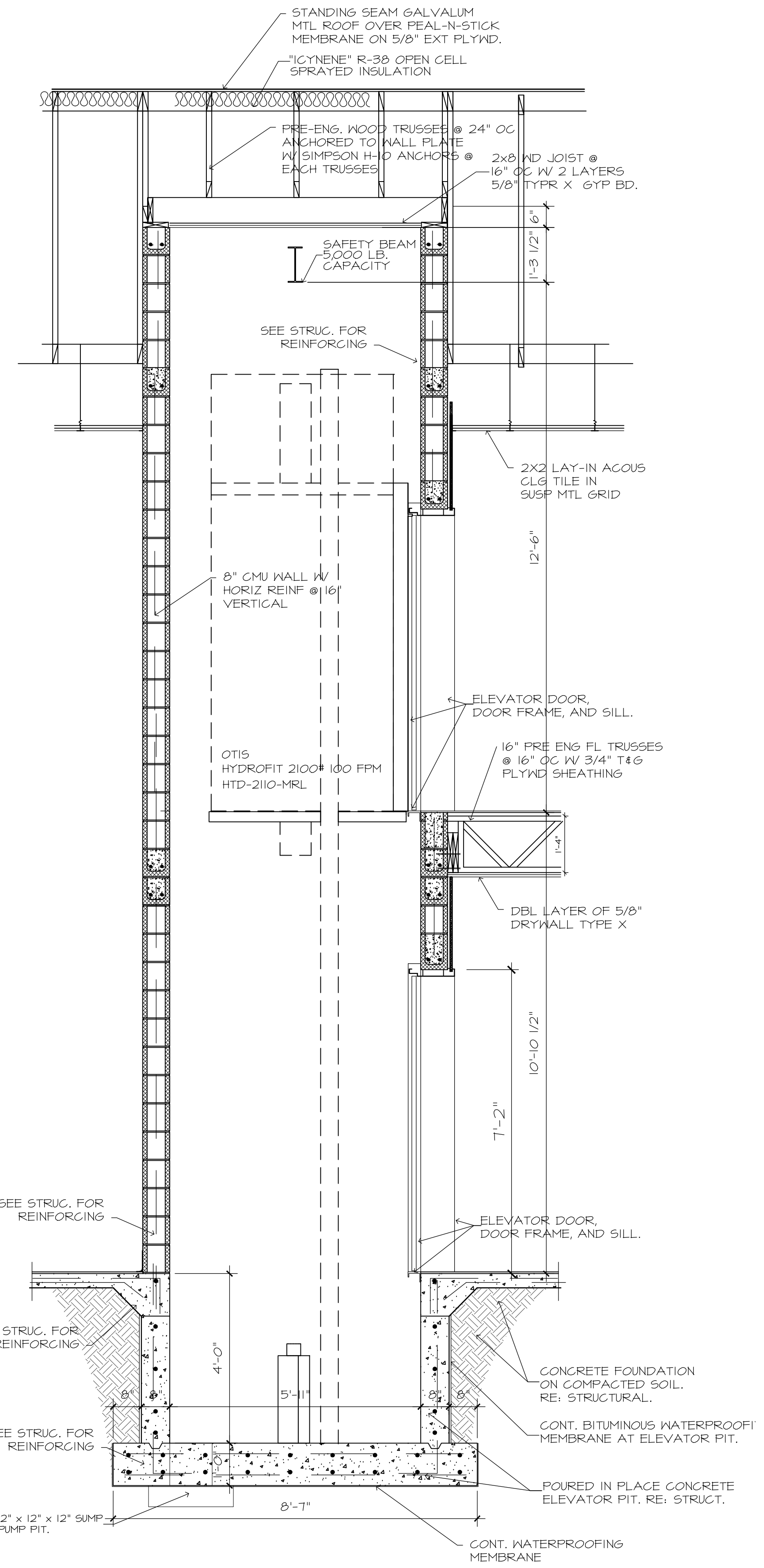
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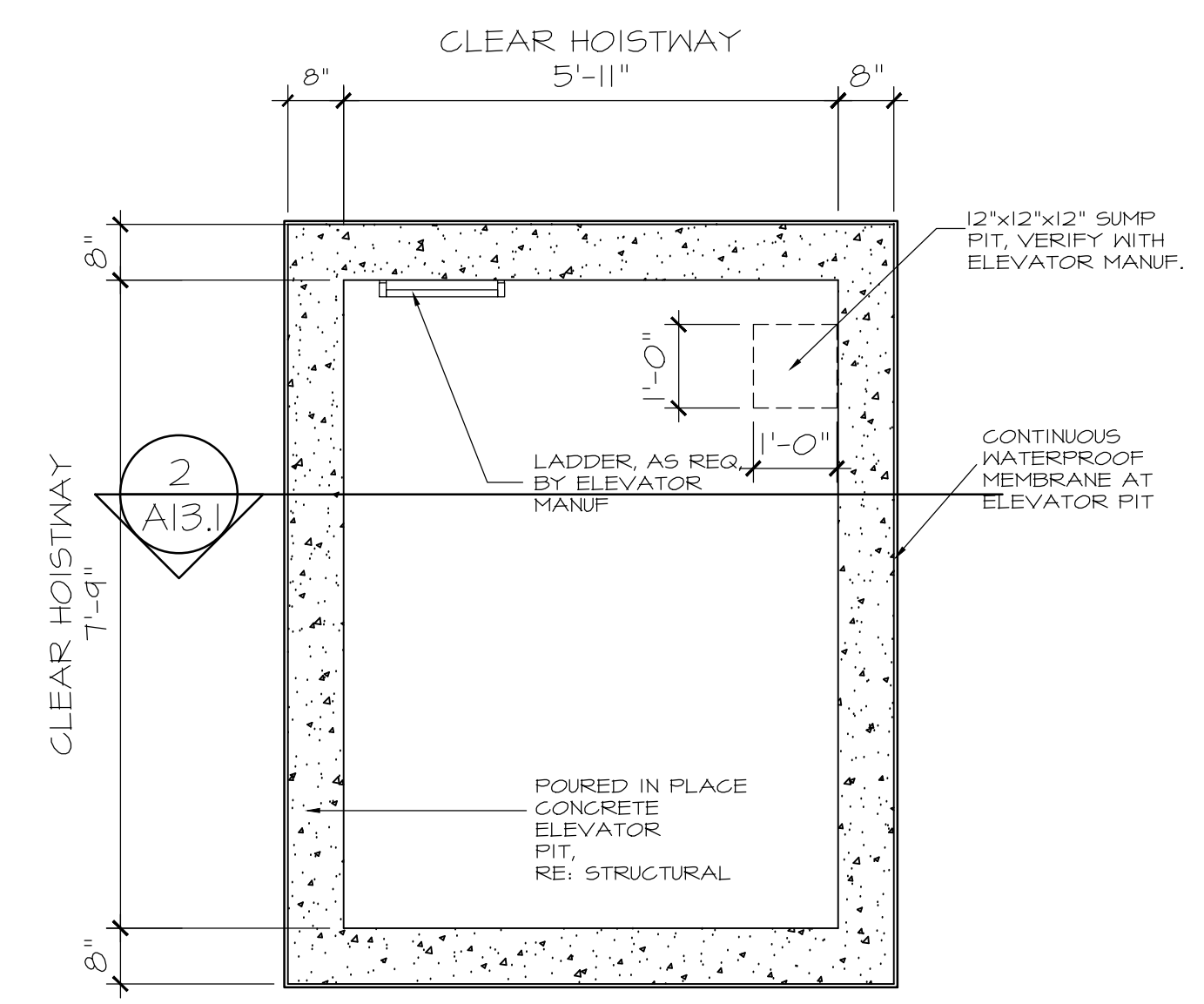
RECREATION BUILDING



2. ELEVATOR SECTION

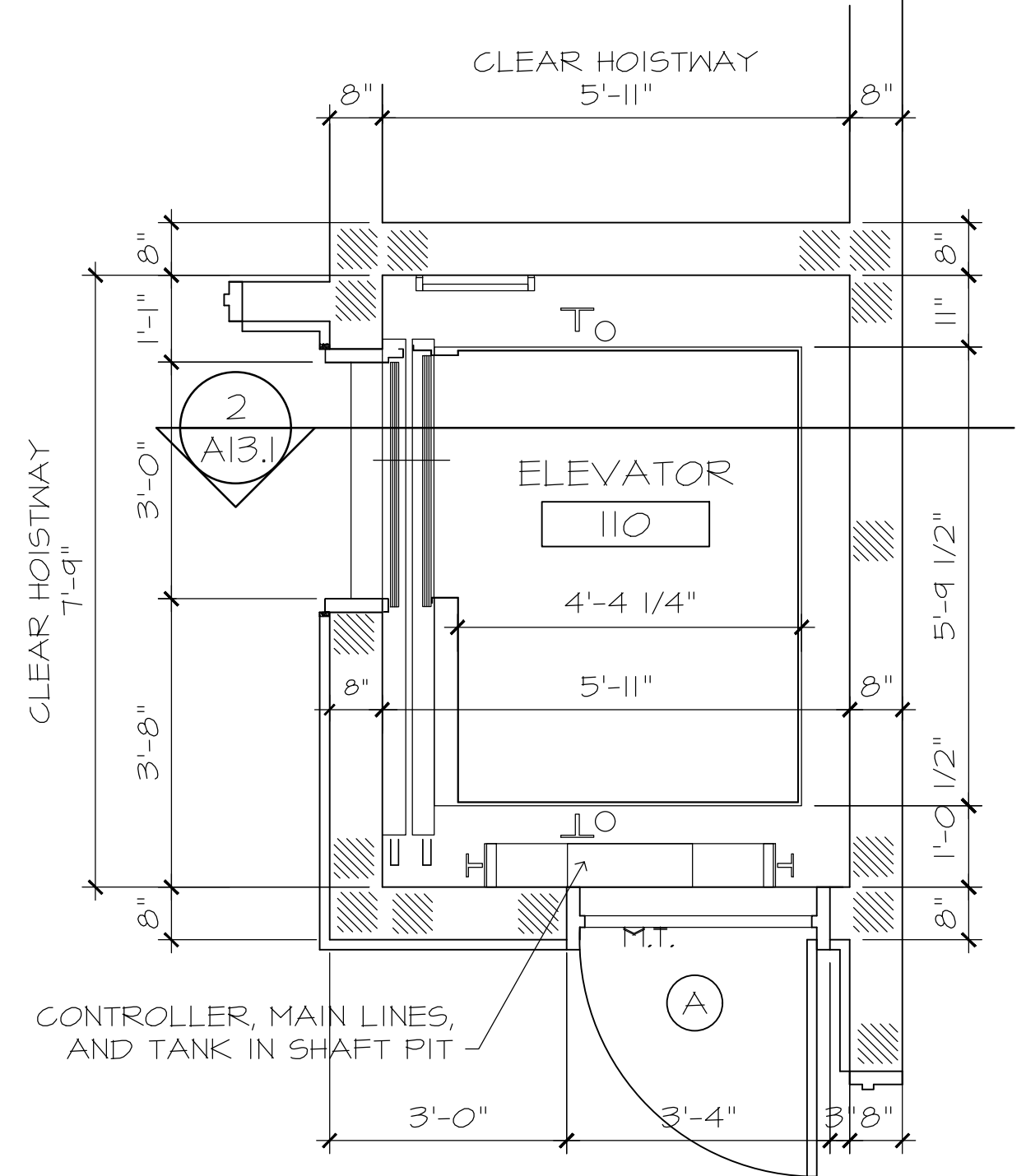
SCALE: 3/8" = 1'-0"

RESTROOM & CONCESSION BUILDING



3. ELEV PIT PLAN

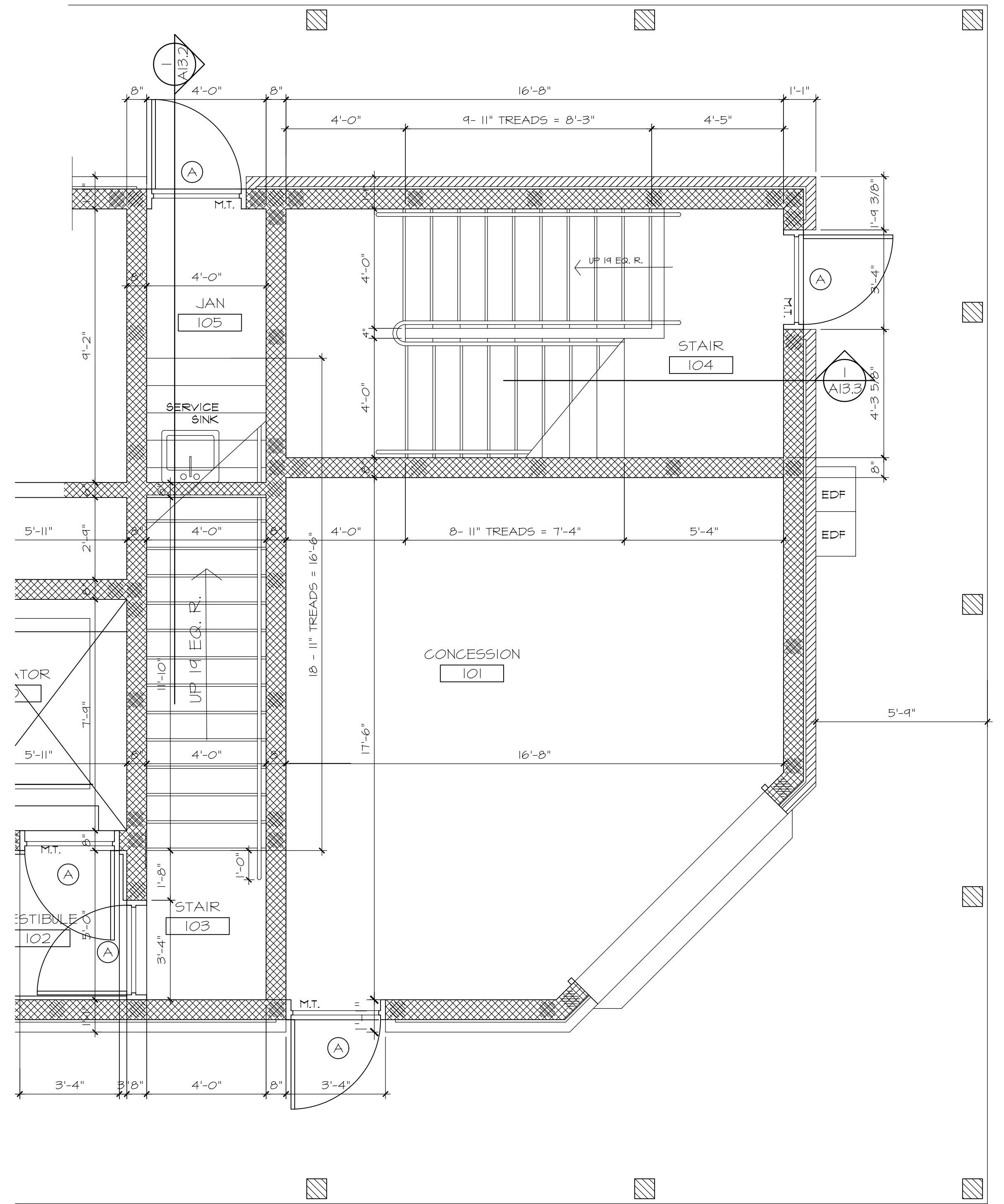
SCALE: 3/8" = 1'-0"



4. ELEV 1ST FL PLAN

SCALE: 3/8" = 1'-0"

- ELEVATOR NOTES:**
- GENERAL:
1. ELEVATOR TO BE OTIS HYDROFIT 2100# 100 FPM HTD-2110-MRL OR APPROVED EQUAL.
 2. INSTALL AS PER MANUFACTURER REQUIREMENTS AND BY AN OTIS APPROVED INSTALLER.
 3. CAB INTERIOR COLOR AND FINISHES TO BE SELECTED BY OWNER.
 4. SUBMIT SHOP DRAWINGS AND SUBMITTAL INFORMATION FOR APPROVAL.
 5. PROVIDE ALL STATE APPROVALS AND TESTING REQUIRED BY MANUFACTURER.



1. ENLARGED STAIR PLAN

SCALE: 3/8" = 1'-0"

PLAZZA Design
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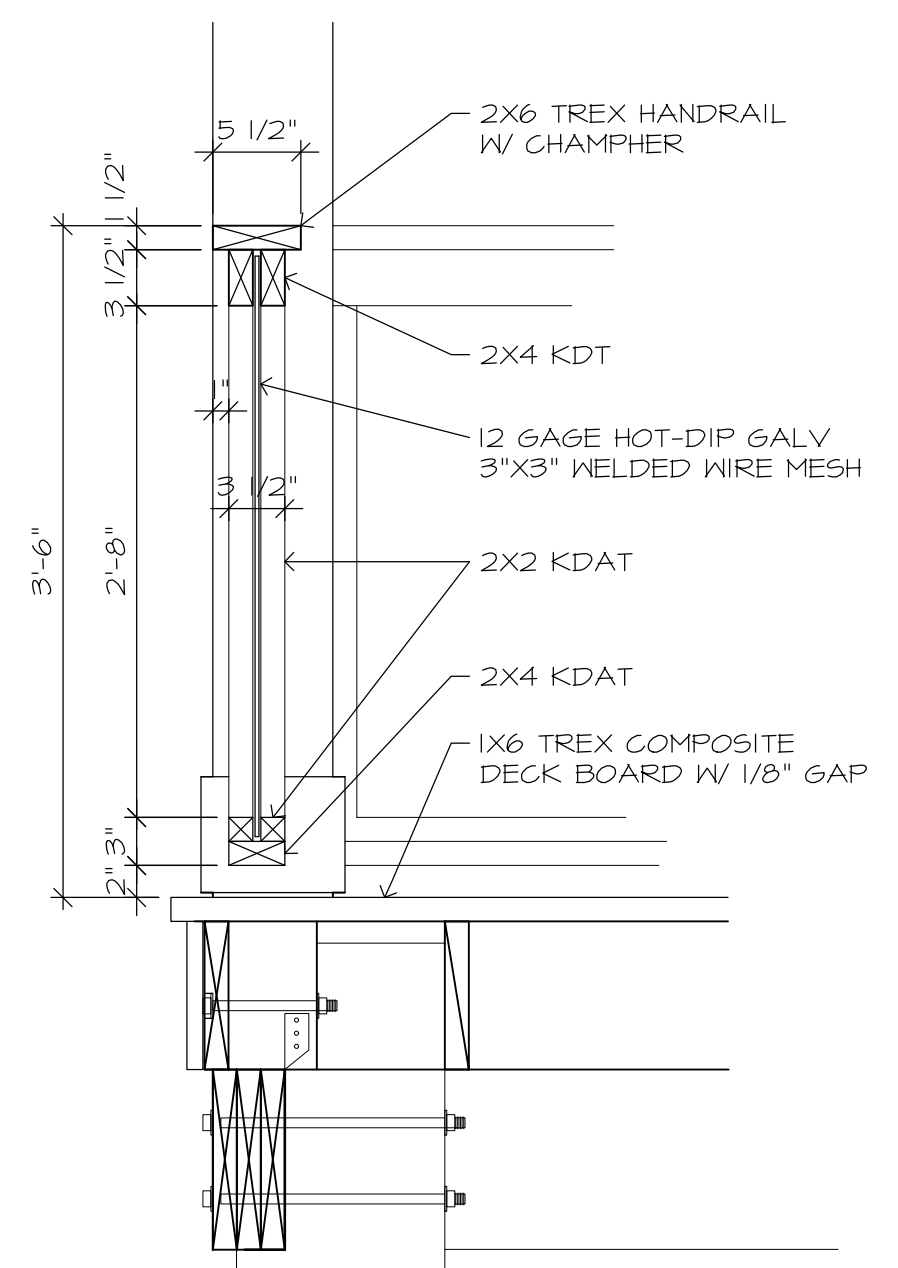
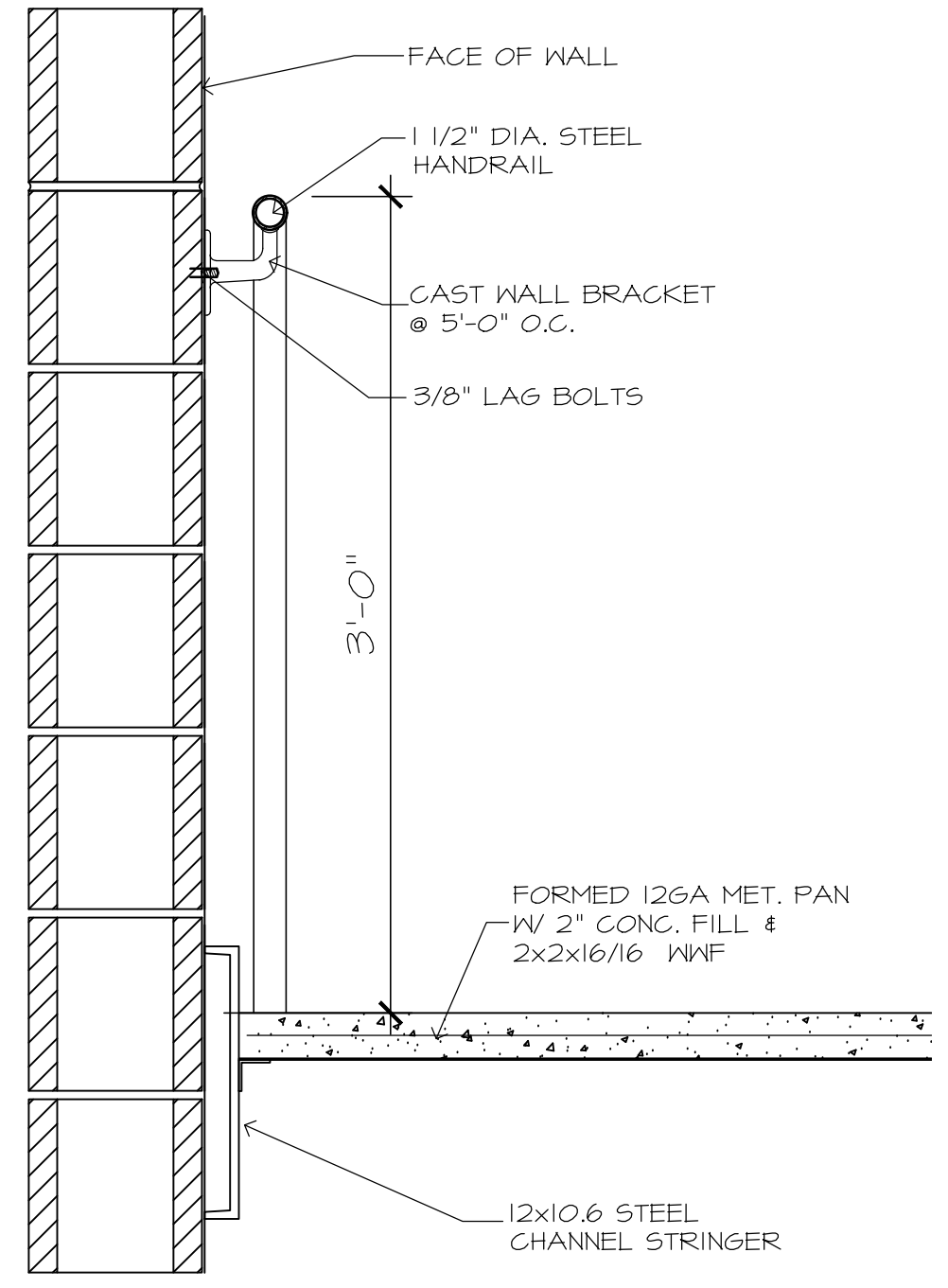
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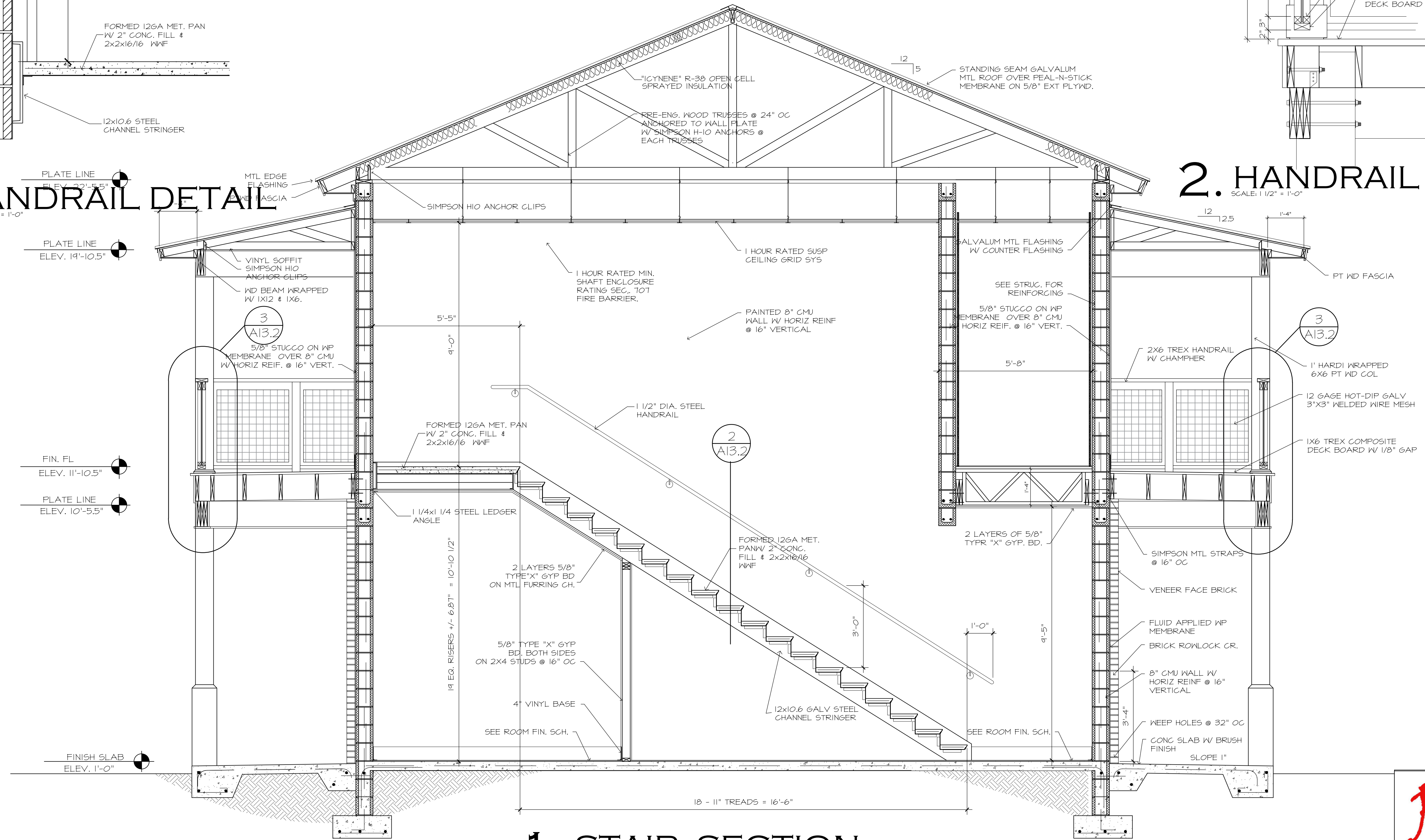


3. HANDRAIL DETAIL

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

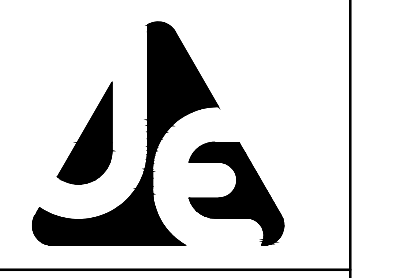
2. HANDRAIL DETAIL

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



1. STAIR SECTION

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



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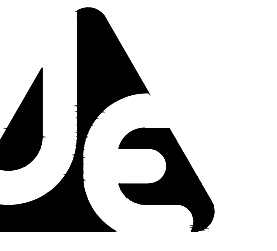
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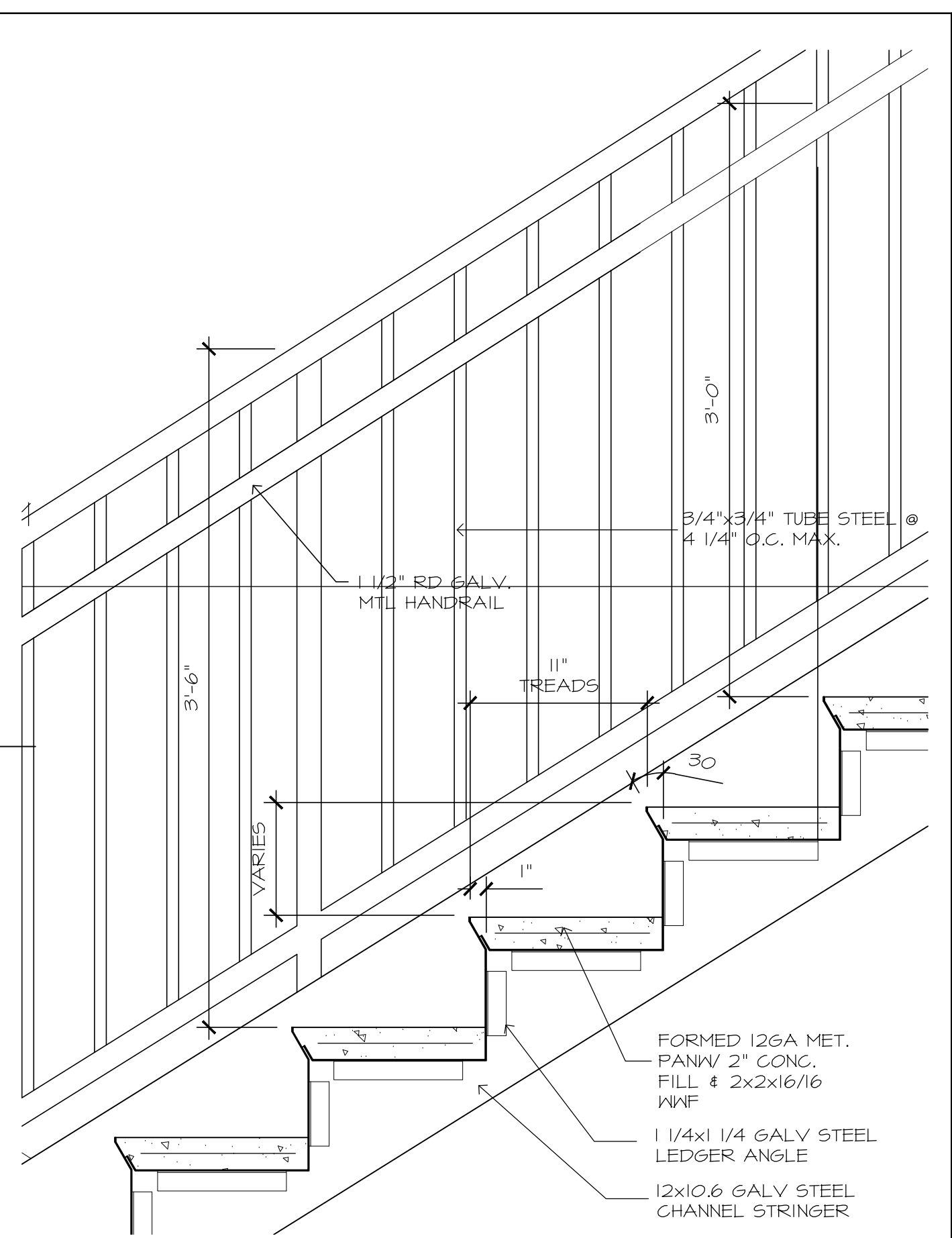
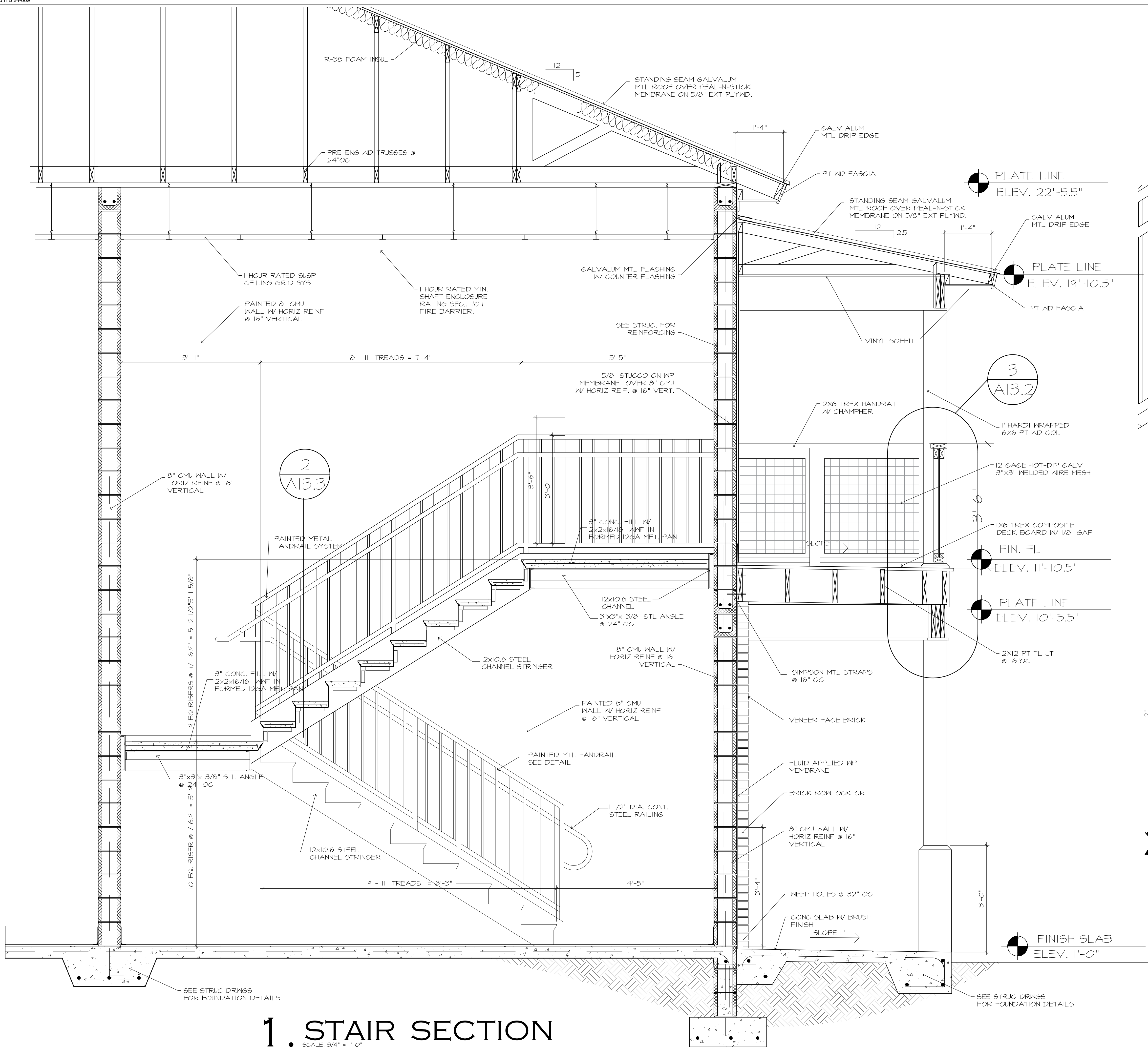
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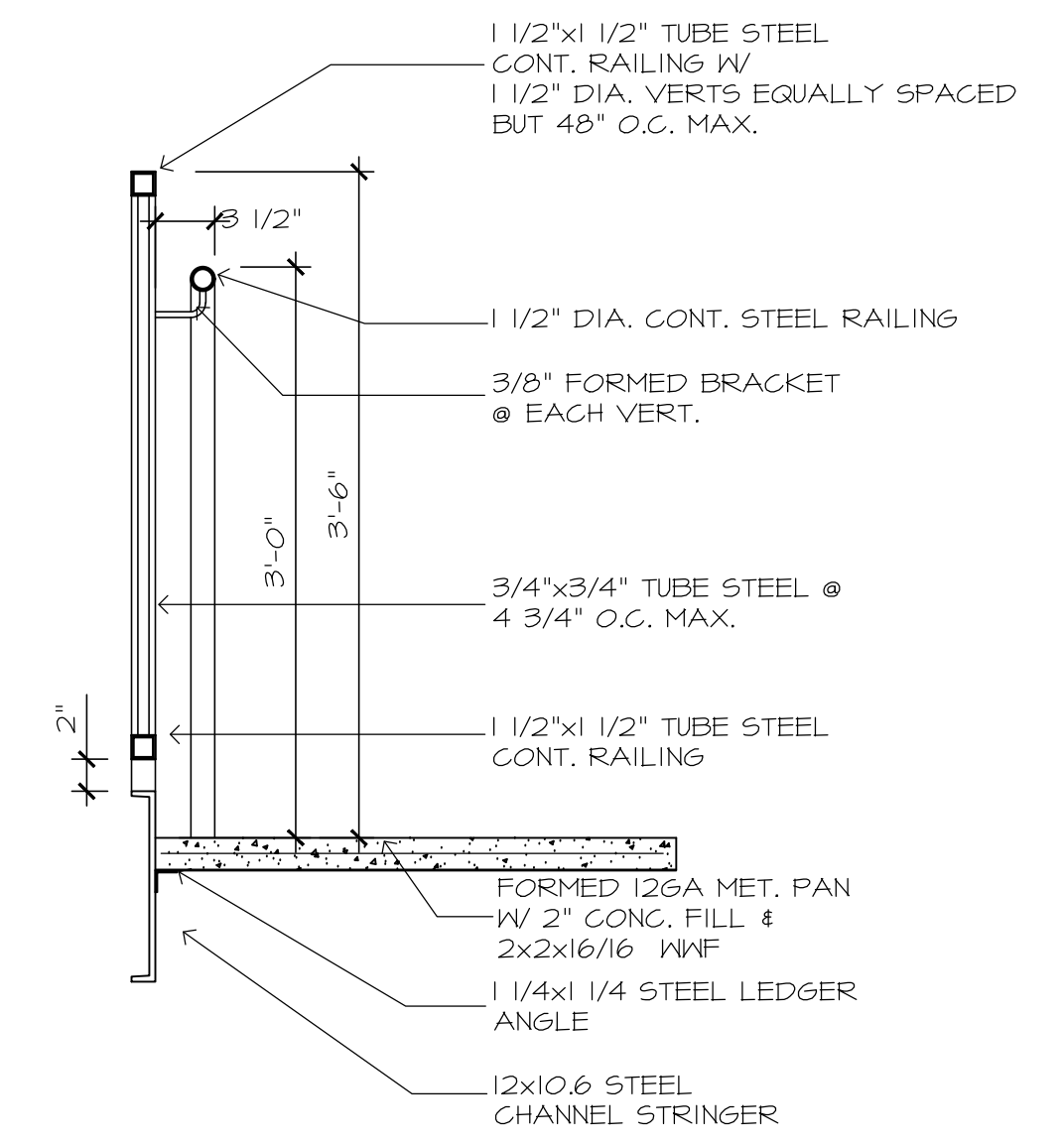
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2. STAIR DETAIL
 SCALE: 1/2" = 1'-0"



3. STAIR DETAIL
 SCALE: 1" = 1'-0"

1. STAIR SECTION
 SCALE: 3/4" = 1'-0"

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