

PROPOSAL FOR FIRE TRAINING PROP ROCHELLE F.D. - ROCHELLE, IL.



CONCEPTUAL VIEWS

UNIT SPECIFICATIONS

- 9 - 40' CONTAINER
 - 1 - 40' IS VERTICAL
- 1 - 20' CONTAINER
- 18 - 36X80 DOOR
 - 3 - 4X4 METAL POCKETS FOR 2X4 (2ND FLOOR F.E. TRAINING)
- 1 - 10'X80" WALK-THROUGH
- 1 - FOLDING CLOSET DOOR
- 7 - 36X36 WINDOW
- 1 - DENVER DRILL WINDOW
- 1 - 30" FLOOR/CEILING HATCH
- 1 - 30" FLOOR/CEILING HATCH FOR C.S. TRIPOD
- 1 - 4'X40' DECKING PLATFORM
 - 4 - 4X4 POSTS FOR SUPPORT
- 3 - 20' DECKING W/ RAILINGS
- 1 - 40' DECKING W/ RAILINGS
- 1 - 9'-6" DECKING W/ RAILINGS
- 2 - EXT. STAIRCASE
 - 1 - 4'X4' LANDING
 - 1 - 5'X4' LANDING
- 2 - INT. SWITCHBACK STAIRCASE
- 2 - 4'X8' CANTILEVERED BALCONY
- 2 - OSHA LADDER
- 2 - 28' RECONFIG. WALL MAZE
- 1 - 18' RECONFIG. WALL MAZE
- 1 - 40' RAPPEL SKID WALL
- 1 - SAFETY GATE
- 3 - RECESSED ANCHOR POINT
 - 1 - REMOVABLE COVER PLATE
- 1 - 3LVL STANDPIPE
- 2 - 12'X12' BURN ROOM
- 1 - 4'X8' EXT. BURN CELL
- 2 - 4' BURN APRON
- 1 - 6' BURN APRON
- 5 - BURN DOOR
- 3 - BURN WINDOW
- 1 - 36X36 BURN OPENING(SET TO WINDOW HEIGHT
- 2 - FLUSH-OUT HATCH
- 2 - MECH VENT
- 2 - BED PROP
- 3 - HI/LOW RTD SYSTEM
- 25 - FLOOR DRAIN

TRAINING AREA = 3,716 SQ.FT.

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AMERICAN FIRE TRAINING SYSTEMS, INC.
12315 SOUTH NEW AVE., POB #39
LEMONT, ILLINOIS 60439
(630) 257-0112



PROPOSAL FOR FIRE TRAINING PROP
ROCHELLE F.D. - ROCHELLE, IL.

DRAWN BY: J.T.B.

REV: 1

DATE: 08-08-25

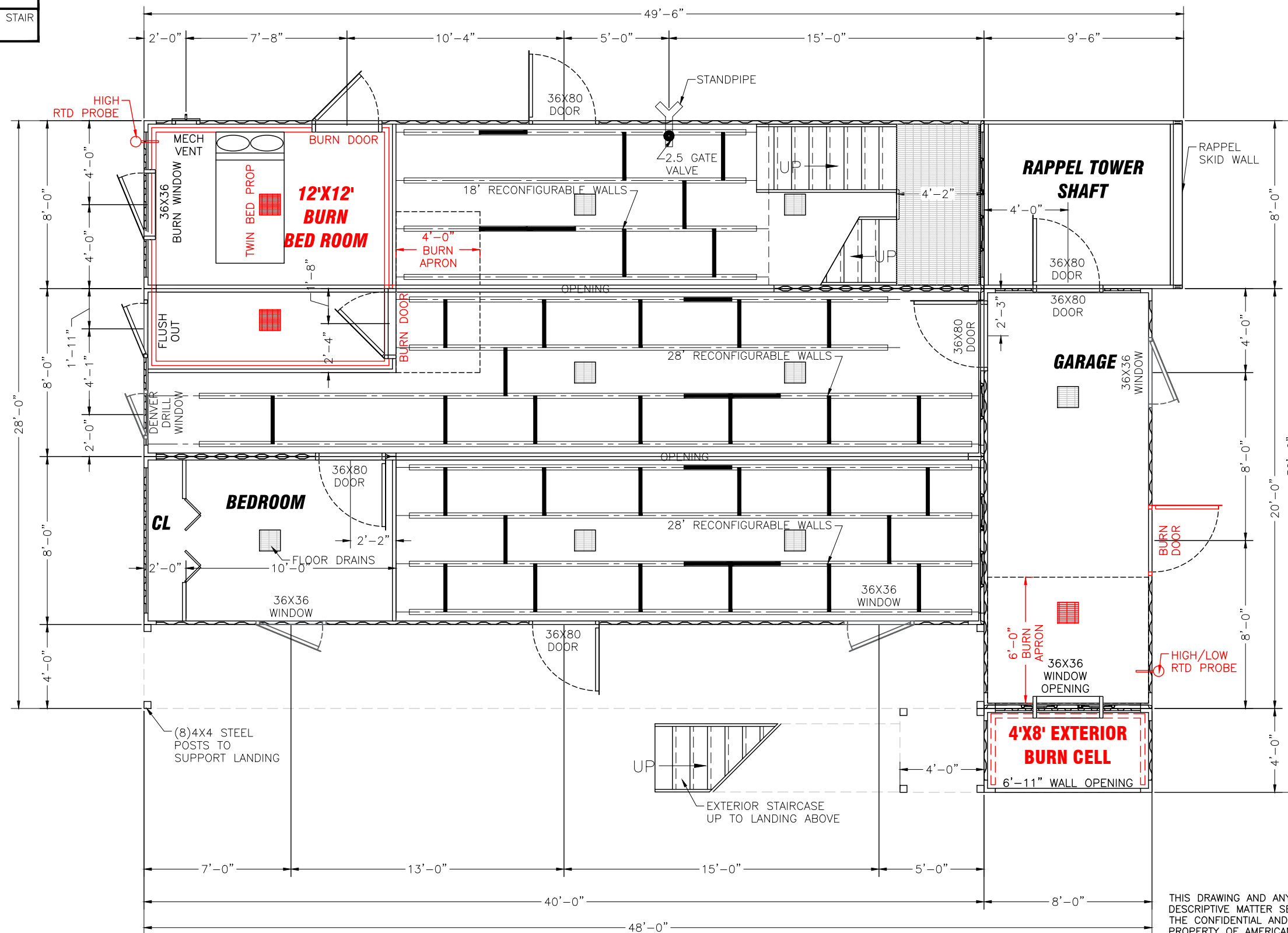
SCALE: -

PROJECT #: J0092

DWG #:

A00

ALL FLOORS TO BE SCORPION LINED TO PREVENT WARPING
ALL WINDOWS TO BE 36" ABOVE FLOOR LEVEL
ALL STAIR DIMENSIONS TO BE TO STAIR OPENING ONLY



FIRST FLOOR LEVEL

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PROPOSAL FOR FIRE TRAINING PROP
ROCHELLE F.D. – ROCHELLE, IL.

DRAWN BY: J.T.B.

REV: 1

DATE: 08-08-25

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

PROJECT #: J0092

DWG #:

A01

ALL FLOORS TO BE SCORPION LINED TO PREVENT WARPING

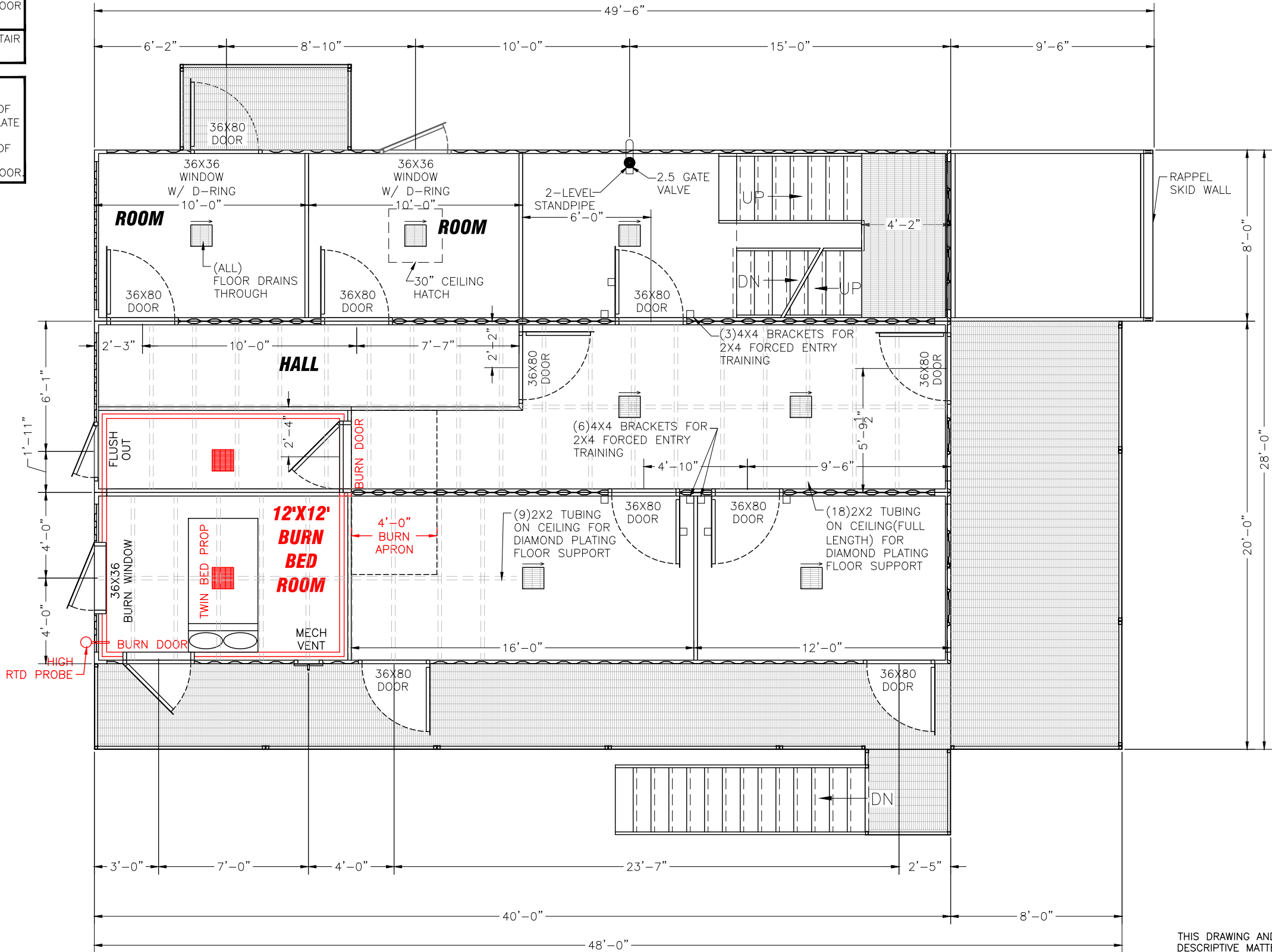
ALL WINDOWS TO BE 36" ABOVE FLOOR LEVEL

ALL STAIR DIMENSIONS TO BE TO STAIR OPENING ONLY

NOTE: THE NOTED INTERIOR 36X80 DOORS ON SECOND FLOOR TO HAVE 4X4 POCKETS ON THE HINGE SIDE OF DOOR FOR WOODEN 2X4'S TO SIMULATE FORCED ENTRY.

2 POCKETS WELDED 4" OFF SIDES OF DOOR.

1 POCKET WELDED TO MIDDLE OF DOOR.



SECOND FLOOR LEVEL

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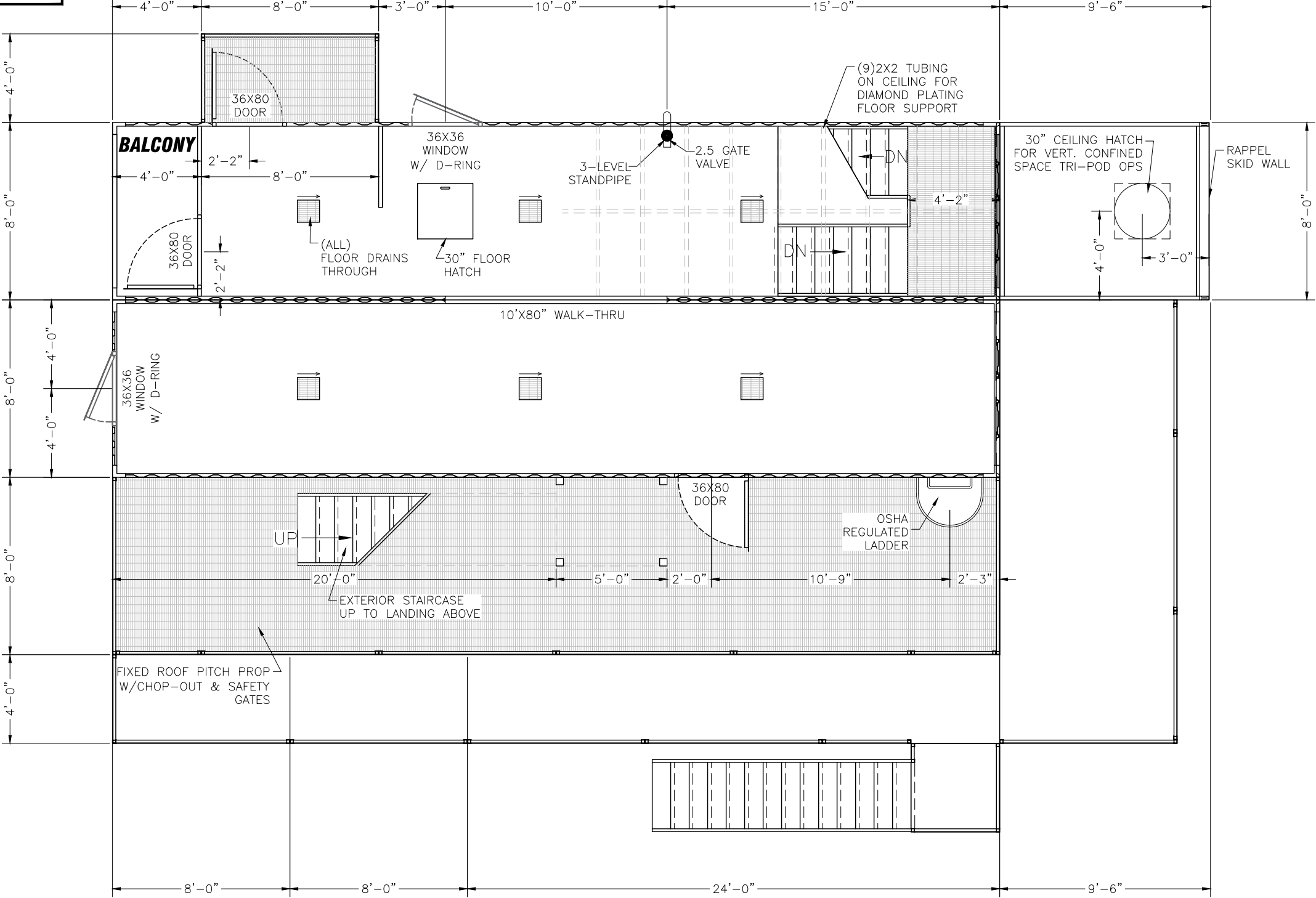
DRAWN BY: J.T.B.
REV: 1
DATE: 08-08-25
SCALE: 1/8"=1'-0"
PROJECT #: J0092
DWG #:

A02

ALL FLOORS TO BE SCORPION LINED
TO PREVENT WARPING

ALL WINDOWS TO BE 36" ABOVE FLOOR
LEVEL

ALL STAIR DIMENSIONS TO BE TO STAIR
OPENING ONLY



THIRD FLOOR LEVEL

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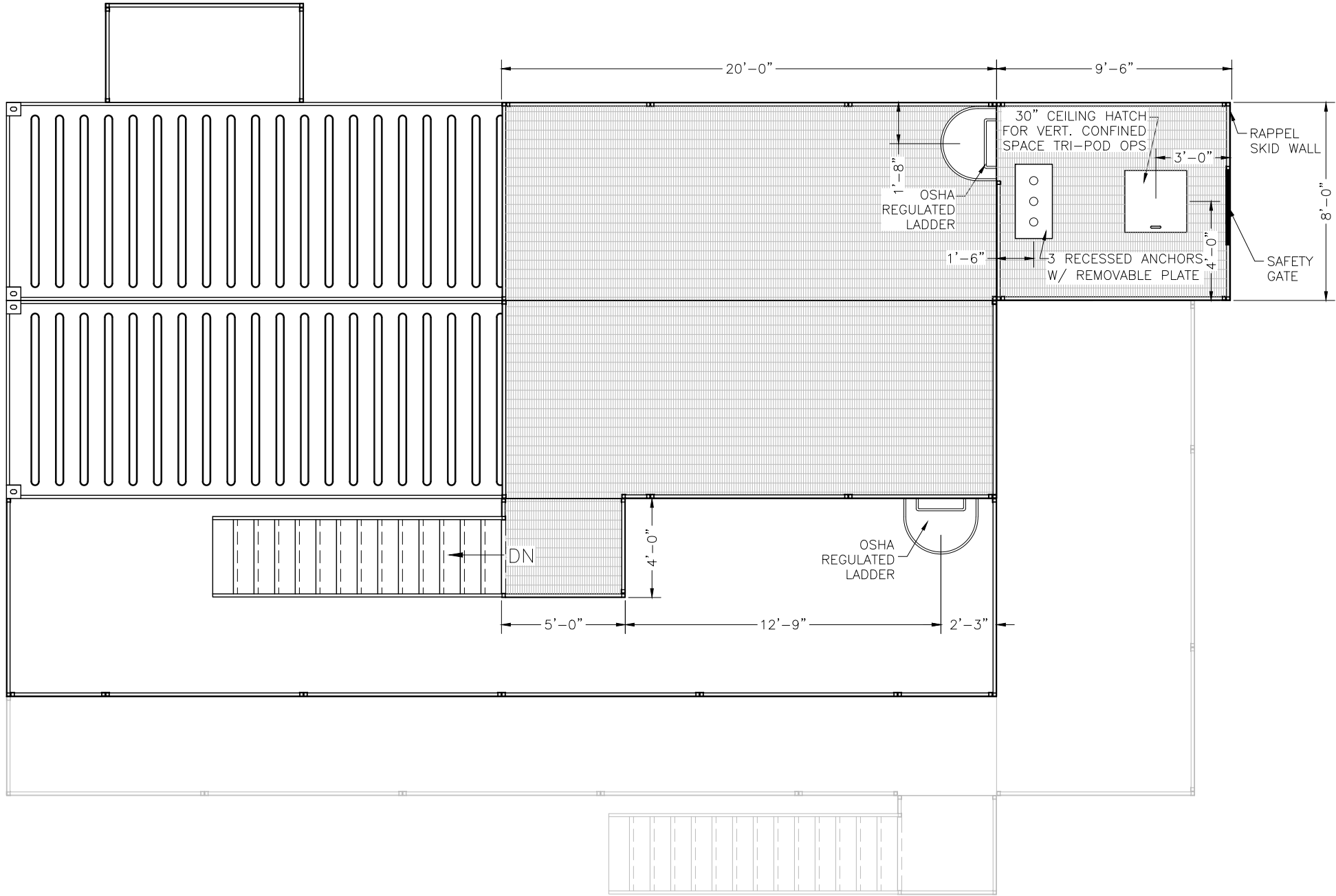
DWG #:

A03

ALL FLOORS TO BE SCORPION LINED
TO PREVENT WARPING

ALL WINDOWS TO BE 36" ABOVE FLOOR
LEVEL

ALL STAIR DIMENSIONS TO BE TO STAIR
OPENING ONLY



FOURTH FLOOR LEVEL



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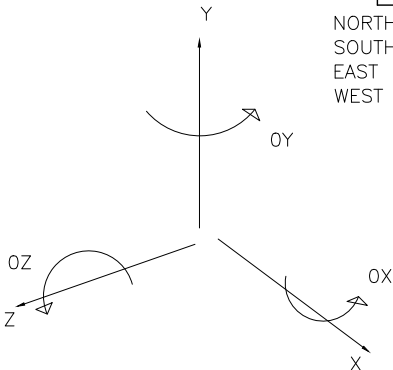
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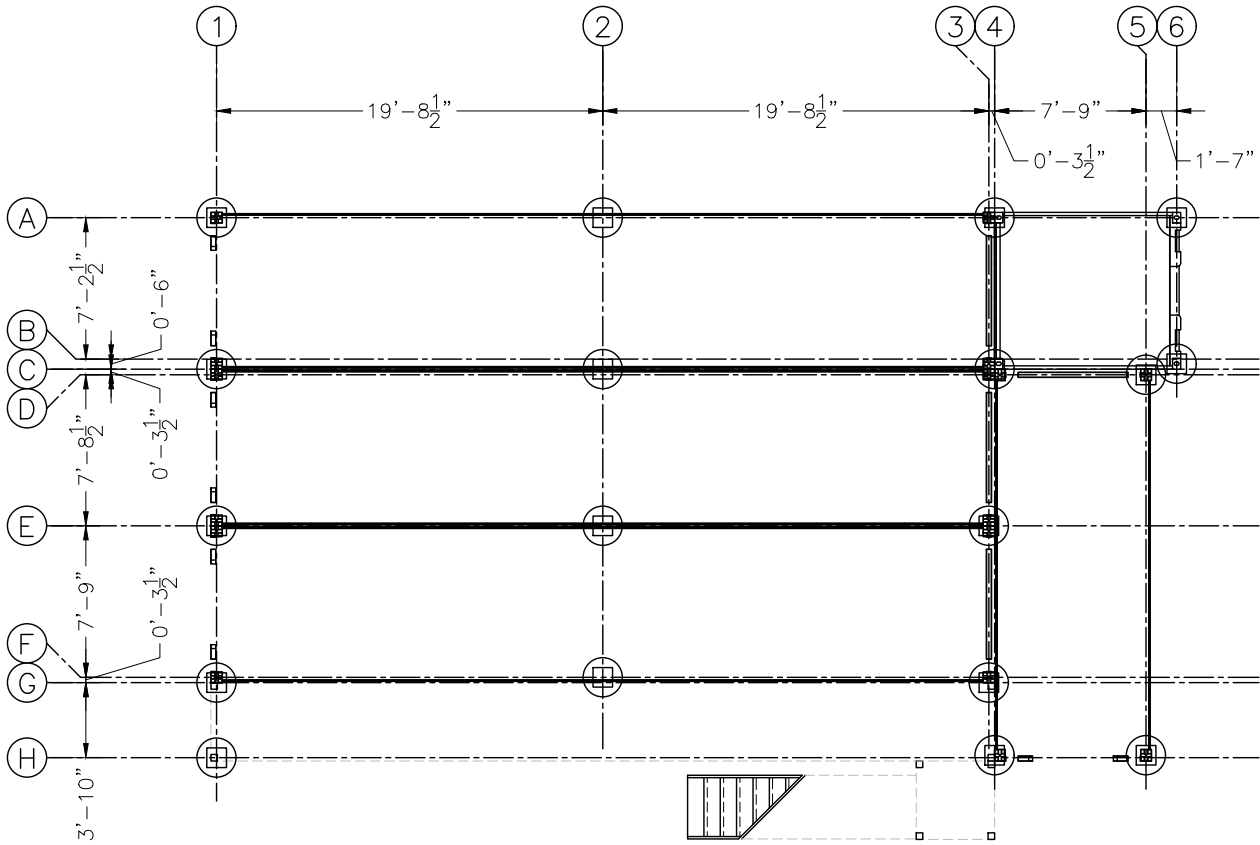
A04

FDN. MARK	DEAD LOAD			LIVE LOAD			WIND LOAD			SNOW LOAD			EARTHQUAKE			RevNo	Revision note	Date	Signature	Checked
	Fx(kip)	Fy(kip)	Fz(kip)	Fx(kip)	Fy(kip)	Fz(kip)	Fx(kip)	Fy(kip)	Fz(kip)	Fx(kip)	Fy(kip)	Fz(kip)	Fx(kip)	Fy(kip)	Fz(kip)					
A1	0.00	6.88	0.00	0.00	17.59	0.00	-1.14	-3.57	-1.10	0.00	1.05	0.00	-0.41	-0.84	-0.30					
A2	0.00	10.48	0.00	0.00	30.14	0.00	-0.78	-3.75	-1.12	0.00	2.13	0.00	-0.49	-0.57	-0.30					
A3	0.00	6.15	0.00	0.00	18.26	0.00	0.11	-2.26	-0.66	0.00	1.42	0.00	-0.22	-0.13	-0.17					
B1	0.00	8.69	0.00	0.00	27.15	0.00	-0.32	0.43	-1.35	0.00	2.18	0.00	-0.30	-0.25	-0.31					
B2	0.00	12.95	0.00	0.00	46.87	0.00	-1.33	2.13	-2.02	0.00	3.98	0.00	-0.65	0.34	-0.55					
B3	0.00	8.03	0.00	0.00	27.98	0.00	-1.19	1.40	-1.24	0.00	2.53	0.00	-0.43	0.54	-0.41					
C1	0.00	6.65	0.00	0.00	22.82	0.00	0.09	3.36	-2.15	0.00	2.73	0.00	-0.24	0.22	-0.42					
C2	0.00	10.66	0.00	0.00	41.80	0.00	-1.36	5.75	-2.82	0.00	4.86	0.00	-0.61	0.77	-0.65					
C3	0.00	6.47	0.00	0.00	23.87	0.00	-1.59	4.01	-1.84	0.00	2.79	0.00	-0.46	0.87	-0.49					
D1	0.00	2.86	0.00	0.00	8.79	0.00	0.24	3.30	-1.48	0.00	1.37	0.00	-0.13	0.38	-0.25					
D2	0.00	4.91	0.00	0.00	16.34	0.00	-1.00	4.80	-1.98	0.00	2.28	0.00	-0.44	0.74	-0.42					
D3	0.00	2.65	0.00	0.00	8.16	0.00	-1.10	3.50	-1.57	0.00	1.13	0.00	-0.35	0.76	-0.40					
E4	0.00	0.48	0.00	0.00	2.53	0.00	0.02	0.09	-0.09	0.00	0.52	0.00	-0.01	-0.61	0.01					
E5	0.00	0.44	0.00	0.00	2.37	0.00	-0.07	0.26	0.26	0.00	0.49	0.00	-0.04	0.09	-0.10					

VAN WERT, OH FIRE DEPARTMENT TRAINING FACILITY UNFACTORED FOUNDATION LOAD CASES



NORTH = -X UPLIFT = -Y
SOUTH = +X
EAST = +Z
WEST = -Z



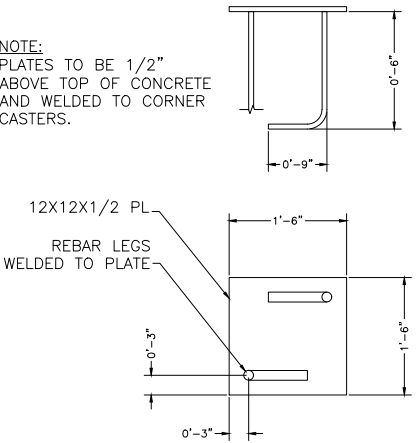
STEEL INSERT PLATE LAYOUT

TOP OF INSERT PLATE IS AT LOCAL ELEVATION 0.00'

STEEL INSERT PLATE LAYOUT ONLY. NO FOUNDATION DESIGN IS PROVIDED OR RECOMMENDED IN THIS LAYOUT, OR THE PROPOSAL PLAN SET.

RECOMMENDED PIER DESIGN ONLY. LOCAL SOIL AND CODE REQUIREMENTS MAY REQUIRE CHANGE IN DESIGN. SEE LOCAL CODE.

NOTE:
PLATES TO BE 1/2"
ABOVE TOP OF CONCRETE
AND WELDED TO CORNER
CASTERS.



DETAIL "B"

Itemref	Quantity	Title/Name, designation, material, dimension etc			Article No./Reference	
Designed by	-	Checked by	-	Approved by - date	File name	Date
					J0092	08-08-25
AFTS				ROCHELLE, IL.		
				PIER LAYOUT		Scale AS NOTED
				Edition	Sheet	
				-	S02	