

THE CHIEF C.G. HICKEY FIRE TRAINING FACILITY(FINAL)

WHITEWATER F.D. - WHITEWATER, WI.



CONCEPTUAL VIEWS

UNIT SPECIFICATIONS

- 6 - 40' H.C. CONTAINERS
- 3 - 20' H.C. CONTAINERS
- 3 - ROOFTOP PLAYFORMS
- 1 - DUAL PITCH ATTIC SIM.
- 2 - CHOP-OUTS
- 1 - 4-LEVEL EXT. STAIRCASE
- 1 - 3-LEVEL INT. STAIRCASE
- 1 - 4-DOOR STANDRAD DOOR
- 1 - BASEMENT BAIL-OUT PROP
- 1 - REBAR WINDOW
- 1 - DENVER DRILL WINDOW PROP
- 1 - 3LVL STANDPIPE
- 4 - WALK THROUGH
- 2 - 14'X8' BURN ROOMS
- 3 - 8'X4' BURN APRON
- 24 - FLOOR DRAINS
- 3 - BURN DOORS
- 2 - VENTS
- 2 - BURN WINDOWS
- 2 - BURN CARTS
- 1 - 4-ZONE RTD SYSTEM
- 1 - 4-LEVEL INT. STAIRCASE
- 6 - 36X36 WINDOWS
- 10 - 36X80 DOORS
- 2 - SWING-AWAY BREACH WALLS
- 1 - DUAL PITCH ROOF
- 2 - CHOP-OUTS W/PIKE POLE CHOPS
- 1 - RECESSED BALCONY
- 1 - BULKHEAD DECK ACCESS
- 1 - RAPPEL ANCHOR
- TRAINING AREA = 4160 SQ.FT.



THIS DRAWING AND ANY INFORMATION OR DESCRIPTIVE MATTER SET OUT HEREON, ARE THE CONFIDENTIAL AND COPYRIGHT PROPERTY OF AMERICAN FIRE TRAINING SYSTEMS AND MUST BE HELD IN THE STRICTEST CONFIDENCE BY THE RECIPIENT AND MUST NOT BE COPIED, LOANED OR DISCLOSED TO ANY THIRD PARTY, OR USED FOR ANY OTHER PURPOSE WITHOUT PRIOR WRITTEN CONSENT FROM AMERICAN FIRE TRAINING SYSTEMS.

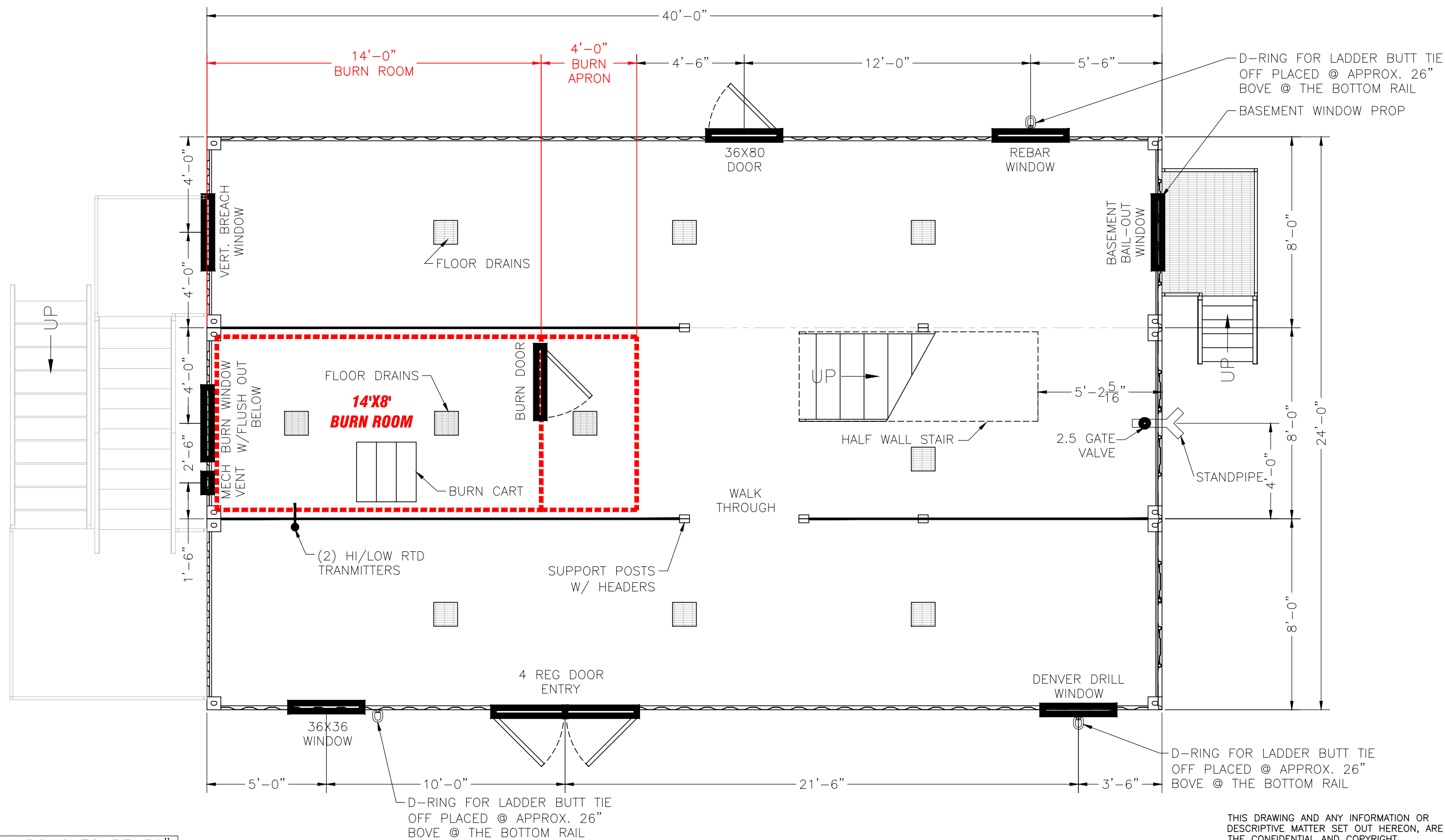
AMERICAN FIRE TRAINING SYSTEMS, INC.
12315 SOUTH NEW AVE., POB #39
LEMONT, ILLINOIS 60439
(630) 257-0112



THE CHIEF C.G. HICKEY FIRE TRAINING FACILITY
WHITEWATER F.D. - WHITEWATER, WI.

DRAWN BY: JTB
REV: -
DATE: 07-14-25
SCALE: -
P NO. J0081
DWG NO.

A00



FIRST FLOOR PLAN

THIS DRAWING AND ANY INFORMATION OR DESCRIPTIVE MATTER SET OUT HEREON, ARE THE CONFIDENTIAL AND COPYRIGHT PROPERTY OF AMERICAN FIRE TRAINING SYSTEMS AND MUST BE HELD IN THE STRICTEST CONFIDENCE BY THE RECIPIENT AND MUST NOT BE COPIED, LOANED OR DISCLOSED TO ANY THIRD PARTY, OR USED FOR ANY OTHER PURPOSE WITHOUT PRIOR WRITTEN CONSENT FROM AMERICAN FIRE TRAINING SYSTEMS.

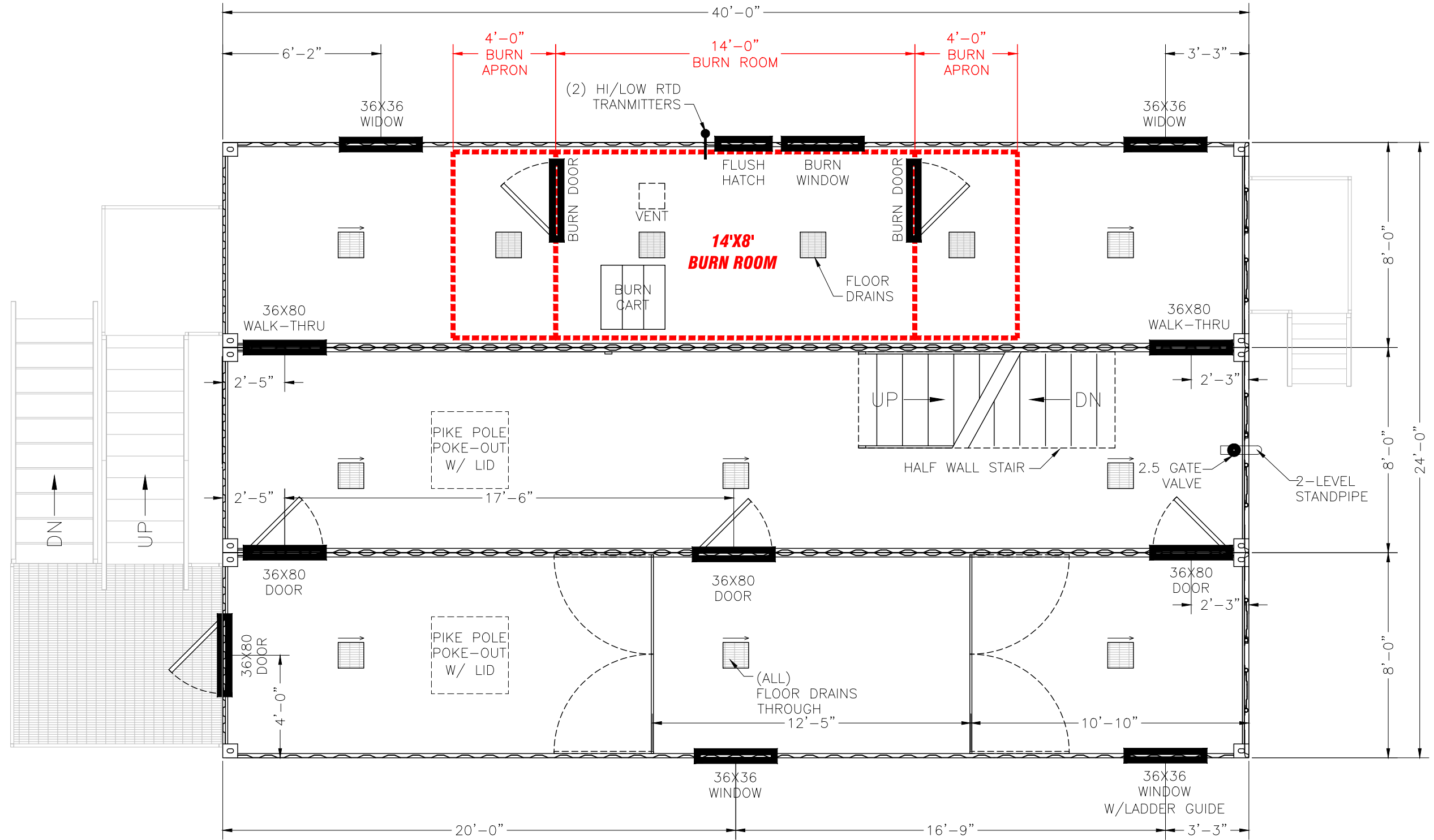
AMERICAN FIRE TRAINING SYSTEMS, INC.
12315 SOUTH NEW AVE., POB #39
LEMONT, ILLINOIS 60439
(630) 257-0112



THE CHIEF C.G. HICKEY FIRE TRAINING FACILITY
WHITEWATER F.D. - WHITEWATER, WI.

DRAWN BY: JTB
REV: -
DATE: 07-14-25
SCALE: -
P NO. J0081
DWG NO.

A01



SECOND FLOOR PLAN

THIS DRAWING AND ANY INFORMATION OR DESCRIPTIVE MATTER SET OUT HEREON, ARE THE CONFIDENTIAL AND COPYRIGHT PROPERTY OF AMERICAN FIRE TRAINING SYSTEMS AND MUST BE HELD IN THE STRICTEST CONFIDENCE BY THE RECIPIENT AND MUST NOT BE COPIED, LOANED OR DISCLOSED TO ANY THIRD PARTY, OR USED FOR ANY OTHER PURPOSE WITHOUT PRIOR WRITTEN CONSENT FROM AMERICAN FIRE TRAINING SYSTEMS.

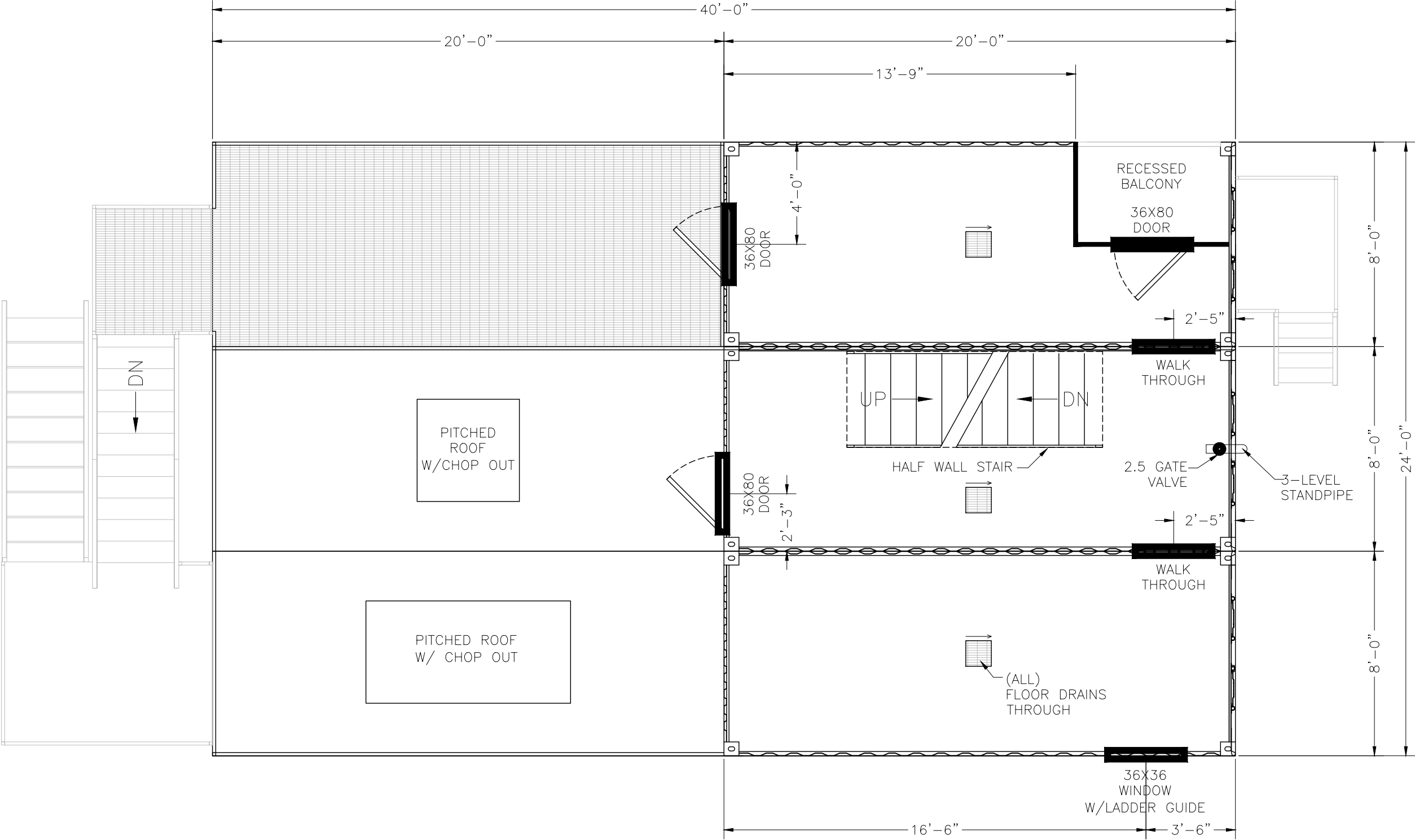
AMERICAN FIRE TRAINING SYSTEMS, INC.
12315 SOUTH NEW AVE., POB #39
LEMONT, ILLINOIS 60439
(630) 257-0112



THE CHIEF C.G. HICKEY FIRE TRAINING FACILITY
WHITEWATER F.D. - WHITEWATER, WI.

DRAWN BY: JTB
REV: -
DATE: 07-14-25
SCALE: -
P NO. J0081
DWG NO.

A02



THIRD FLOOR PLAN

THIS DRAWING AND ANY INFORMATION OR DESCRIPTIVE MATTER SET OUT HEREON, ARE THE CONFIDENTIAL AND COPYRIGHT PROPERTY OF AMERICAN FIRE TRAINING SYSTEMS AND MUST BE HELD IN THE STRICTEST CONFIDENCE BY THE RECIPIENT AND MUST NOT BE COPIED, LOANED OR DISCLOSED TO ANY THIRD PARTY, OR USED FOR ANY OTHER PURPOSE WITHOUT PRIOR WRITTEN CONSENT FROM AMERICAN FIRE TRAINING SYSTEMS.

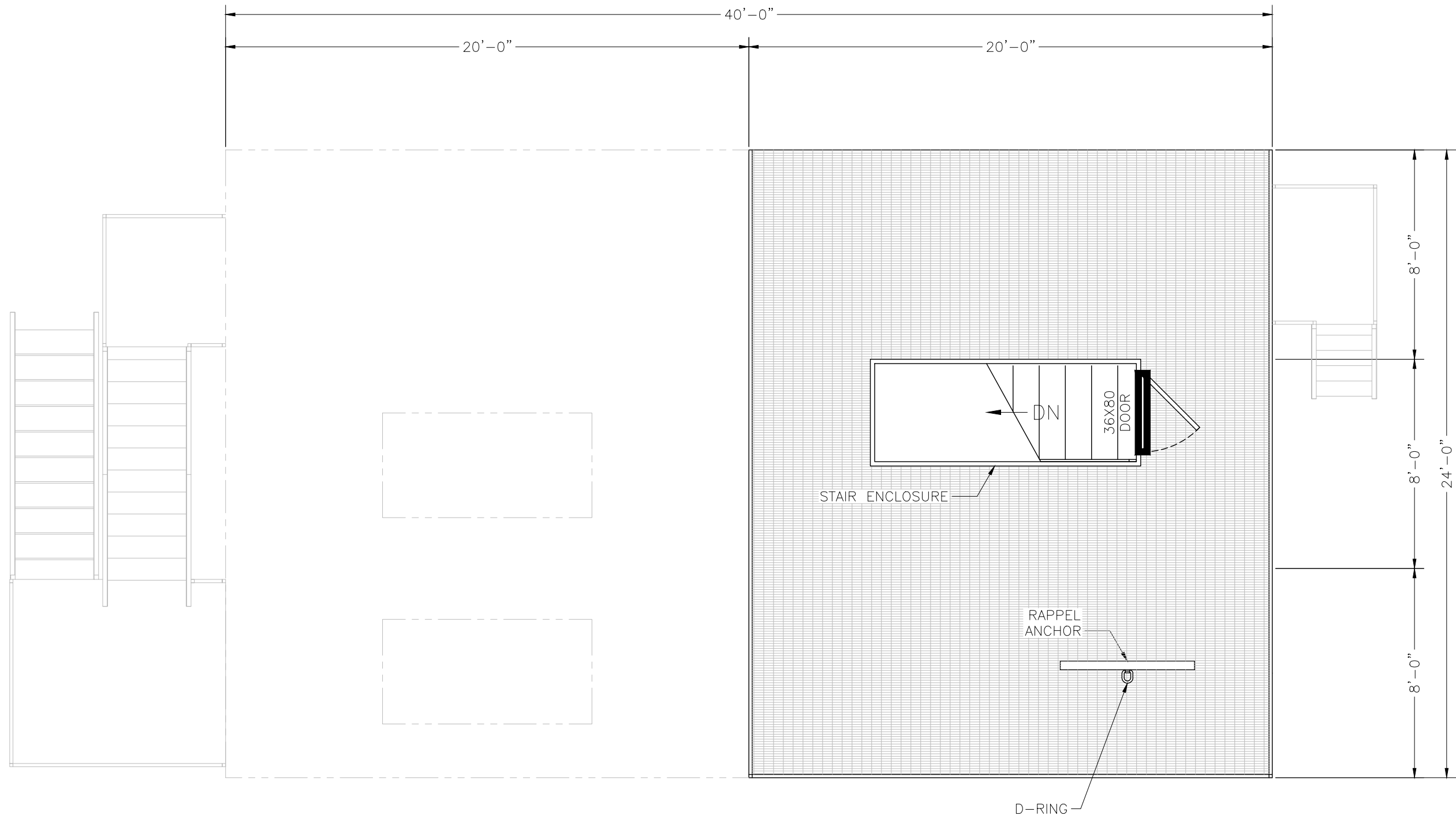
AMERICAN FIRE TRAINING SYSTEMS, INC.
12315 SOUTH NEW AVE., POB #39
LEMONT, ILLINOIS 60439
(630) 257-0112



THE CHIEF C.G. HICKEY FIRE TRAINING FACILITY
WHITEWATER F.D. - WHITEWATER, WI.

DRAWN BY: JTB
REV: -
DATE: 07-14-25
SCALE: -
P NO. J0081
DWG NO.

A03



FOURTH FLOOR PLAN

THIS DRAWING AND ANY INFORMATION OR DESCRIPTIVE MATTER SET OUT HEREON, ARE THE CONFIDENTIAL AND COPYRIGHT PROPERTY OF AMERICAN FIRE TRAINING SYSTEMS AND MUST BE HELD IN THE STRICTEST CONFIDENCE BY THE RECIPIENT AND MUST NOT BE COPIED, LOANED OR DISCLOSED TO ANY THIRD PARTY, OR USED FOR ANY OTHER PURPOSE WITHOUT PRIOR WRITTEN CONSENT FROM AMERICAN FIRE TRAINING SYSTEMS.



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

THE CHIEF C.G. HICKEY FIRE TRAINING FACILITY
WHITEWATER F.D. - WHITEWATER, WI.

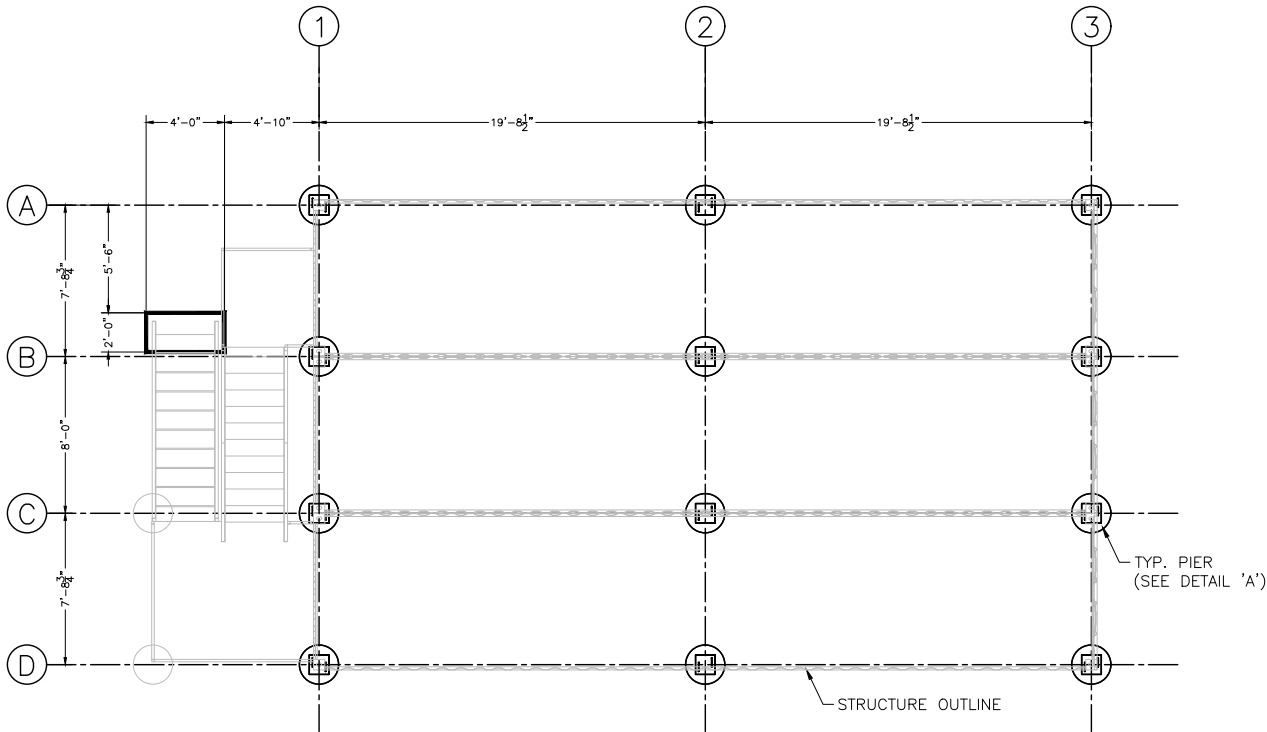
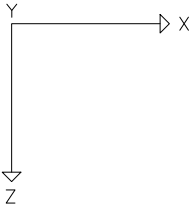
DRAWN BY: JTB
REV: —
DATE: 07-14-25
SCALE: —
P NO. J0081
DWG NO.

A03

FDN. MARK	DEAD LOAD			LIVE LOAD			WIND LOAD			SNOW LOAD			EARTHQUAKE		
	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)
A7	0.00	5.99	0.00	0.00	1.34	0.00	-0.79	-3.72	-0.93	0.00	0.70	0.00	-0.98	-3.13	-1.17
A8	0.00	7.16	0.00	0.00	17.81	0.00	0.43	-3.51	-0.96	0.00	0.81	0.00	0.01	-1.59	-0.99
B1	0.00	6.28	0.00	0.00	20.71	0.00	-1.31	-5.76	-1.07	0.00	1.14	0.00	-1.70	-4.70	-1.42
B3	0.00	10.21	0.00	0.00	33.52	0.00	-0.01	-8.14	-0.95	0.00	1.75	0.00	-1.63	-4.06	-1.22
B5	0.00	12.28	0.00	0.00	36.52	0.00	0.42	-7.64	-0.25	0.00	1.86	0.00	-1.27	-2.04	-1.25
C1	0.00	8.83	0.00	0.00	33.94	0.00	-1.77	-8.46	-0.05	0.00	2.00	0.00	-1.60	-3.96	-1.25
C3	0.00	13.77	0.00	0.00	54.29	0.00	0.02	-11.91	-0.01	0.00	2.92	0.00	-2.17	-2.61	-1.69
C5	0.00	12.33	0.00	0.00	42.11	0.00	0.99	-8.32	0.06	0.00	2.28	0.00	-1.38	-0.66	-1.33
D7	0.00	3.82	0.00	0.00	13.24	0.00	0.20	-2.61	+0.04	0.00	0.76	0.00	-0.65	-0.04	-1.19
D8	0.00	8.99	0.00	0.00	27.16	0.00	-0.15	-5.07	+0.26	0.00	1.60	0.00	-0.34	1.22	-1.87
E1	0.00	8.92	0.00	0.00	35.95	0.00	+1.81	-8.48	0.17	0.00	2.23	0.00	-1.47	-2.93	-1.41
E3	0.00	13.78	0.00	0.00	56.78	0.00	0.06	-12.06	0.20	0.00	3.39	0.00	-2.46	-1.46	-1.79
E5	0.00	12.37	0.00	0.00	43.98	0.00	0.96	-8.55	-0.19	0.00	2.64	0.00	-1.46	0.57	-1.42
F1	0.00	8.69	0.00	0.00	36.43	0.00	-1.36	-7.43	0.13	0.00	2.14	0.00	-1.30	-1.95	-1.31
F3	0.00	13.23	0.00	0.00	58.39	0.00	-0.28	-10.81	0.32	0.00	3.10	0.00	-2.03	-0.35	-1.70
F5	0.00	13.08	0.00	0.00	47.83	0.00	0.83	-8.92	0.28	0.00	2.97	0.00	-1.42	1.70	-1.61
G1	0.00	5.85	0.00	0.00	25.58	0.00	-1.28	-5.62	0.95	0.00	2.12	0.00	-0.69	0.00	-0.49
G3	0.00	9.14	0.00	0.00	47.34	0.00	-0.04	-7.34	1.00	0.00	5.13	0.00	-1.32	1.63	-1.00
G6	0.00	8.80	0.00	0.00	32.48	0.00	0.13	-5.82	0.90	0.00	2.71	0.00	-0.68	3.06	-1.15
G8	0.00	7.30	0.00	0.00	24.11	0.00	0.74	-4.30	0.98	0.00	1.90	0.00	-0.96	3.87	-1.64
H2	0.00	4.48	0.00	0.00	22.52	0.00	0.04	-3.84	-0.22	0.00	2.22	0.00	-1.28	0.16	-0.41
H4	0.00	4.66	0.00	0.00	22.38	0.00	0.33	-3.21	-0.21	0.00	2.31	0.00	-1.17	0.76	-0.39
I2	0.00	0.82	0.00	0.00	10.40	0.00	0.01	0.08	0.00	0.00	2.23	0.00	-0.06	-0.08	-0.01
I4	0.00	0.82	0.00	0.00	10.61	0.00	-0.01	0.22	0.00	0.00	2.28	0.00	-0.05	-0.04	-0.04

CLAYTON, MO FIRE DEPARTMENT TRAINING FACILITY UNFACTORED FOUNDATION LOAD CASES

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



STEEL INSERT PLATE LAYOUT

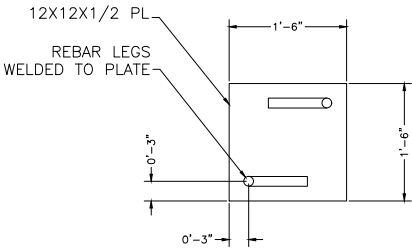
TOP OF INSERT PLATE IS AT LOCAL ELEVATION 0.00'

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.

TOP OF CONCRETE FDN.(TYP.)

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

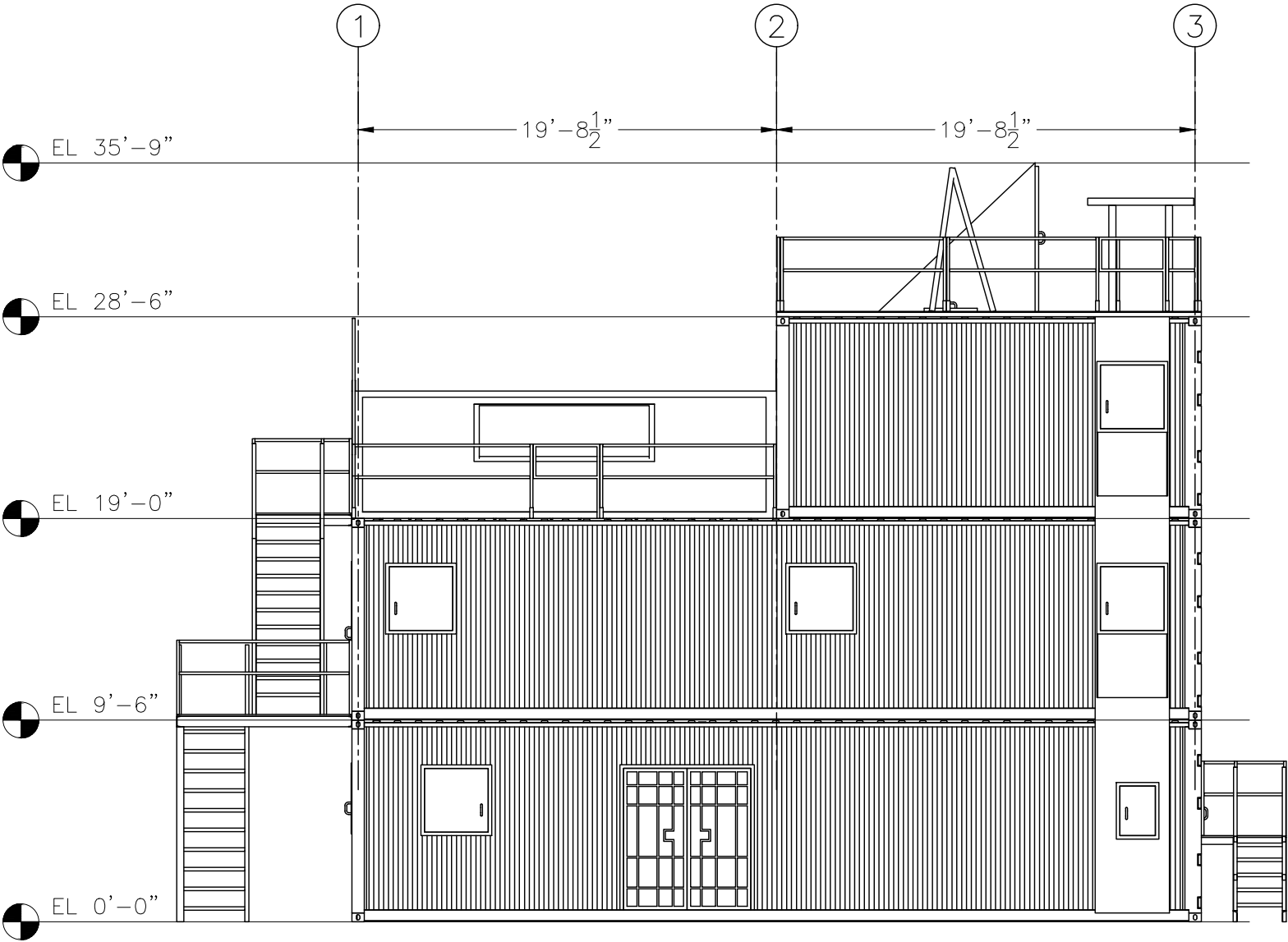


DETAIL "B"

Itemref	Quantity	Title/Name, designation, material, dimension etc			Article No./Reference	
Designed by	Checked by	Approved by - date	File name	Date	Scale	
-	-	-	J0081	07-14-25	AS NOTED	
AFTS			WHITEWATER, WI.			
			PIER LAYOUT	Edition	Sheet	
			-	-	S02	

ATTACHMENT NOTES	
1	REFER TO SHEET S01 FOR GENERAL STRUCTURAL NOTES
2	REFER TO SHEET S02 FOR FOUNDATION REQUIREMENTS
3	ISO CONTAINER
4	ISO CONTAINER BEYOND
5	SEE DETAIL 01 ON SHEET S07
6	SEE DETAIL 04 ON SHEET S07
7	SEE DETAIL 05 ON SHEET S07
8	SEE DETAIL 06 ON SHEET S07
9	SEE DETAIL 07 ON SHEET S07
12	SEE SHEET S08
13	SEE SHEET S9
14	SEE SHEET S10

RevNo	Revision note	Date	Signature	Checked
-------	---------------	------	-----------	---------

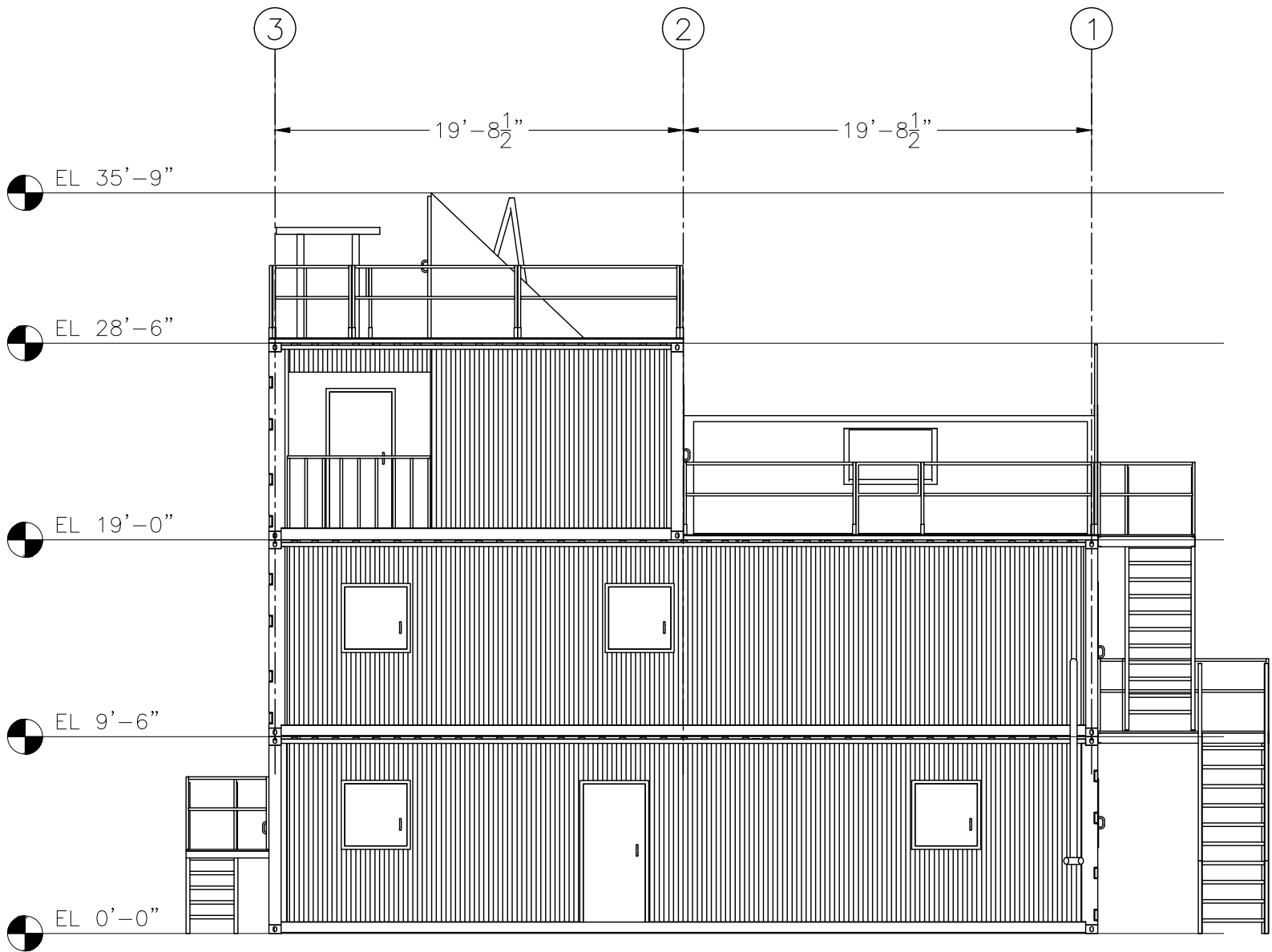


SOUTH ELEVATION VIEW

Itemref	Quantity	Title/Name, designation, material, dimension etc			Article No./Reference	
Designed by JTB	Checked by -	Approved by - date -	File name J0081	Date 07-14-25	Scale AS NOTED	
AFTS			WHITEWATER, WI.			
			ATTACHMENT LOCATIONS	Edition -	Sheet S03	

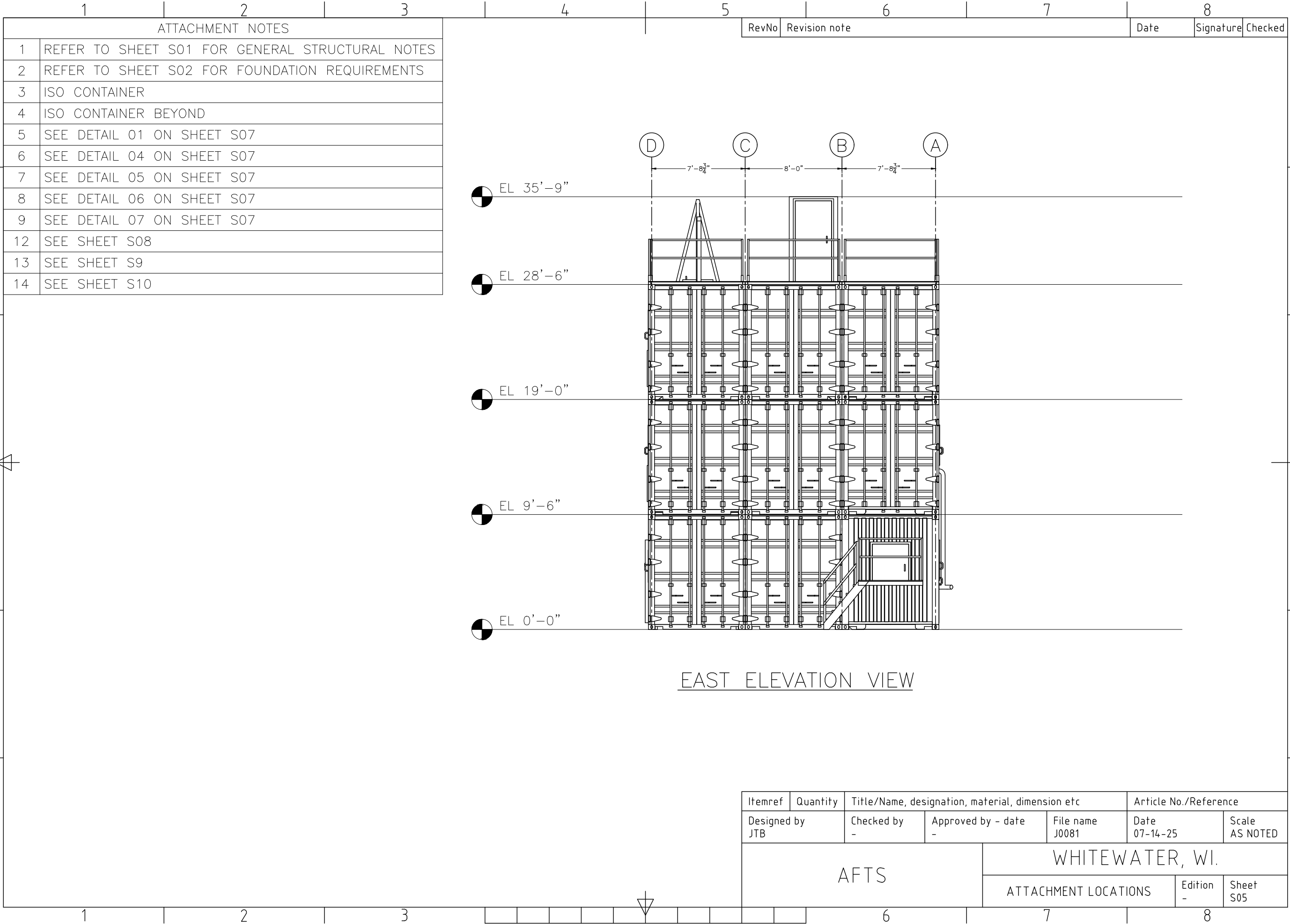
ATTACHMENT NOTES	
1	REFER TO SHEET S01 FOR GENERAL STRUCTURAL NOTES
2	REFER TO SHEET S02 FOR FOUNDATION REQUIREMENTS
3	ISO CONTAINER
4	ISO CONTAINER BEYOND
5	SEE DETAIL 01 ON SHEET S07
6	SEE DETAIL 04 ON SHEET S07
7	SEE DETAIL 05 ON SHEET S07
8	SEE DETAIL 06 ON SHEET S07
9	SEE DETAIL 07 ON SHEET S07
12	SEE SHEET S08
13	SEE SHEET S9
14	SEE SHEET S10

RevNo	Revision note	Date	Signature	Checked
-------	---------------	------	-----------	---------



NORTH ELEVATION VIEW

Itemref	Quantity	Title/Name, designation, material, dimension etc			Article No./Reference	
Designed by JTB	Checked by -	Approved by - date -	File name J0081	Date 07-14-25	Scale AS NOTED	
AFTS			WHITEWATER			
			ATTACHMENT LOCATIONS	Edition -	Sheet S04	

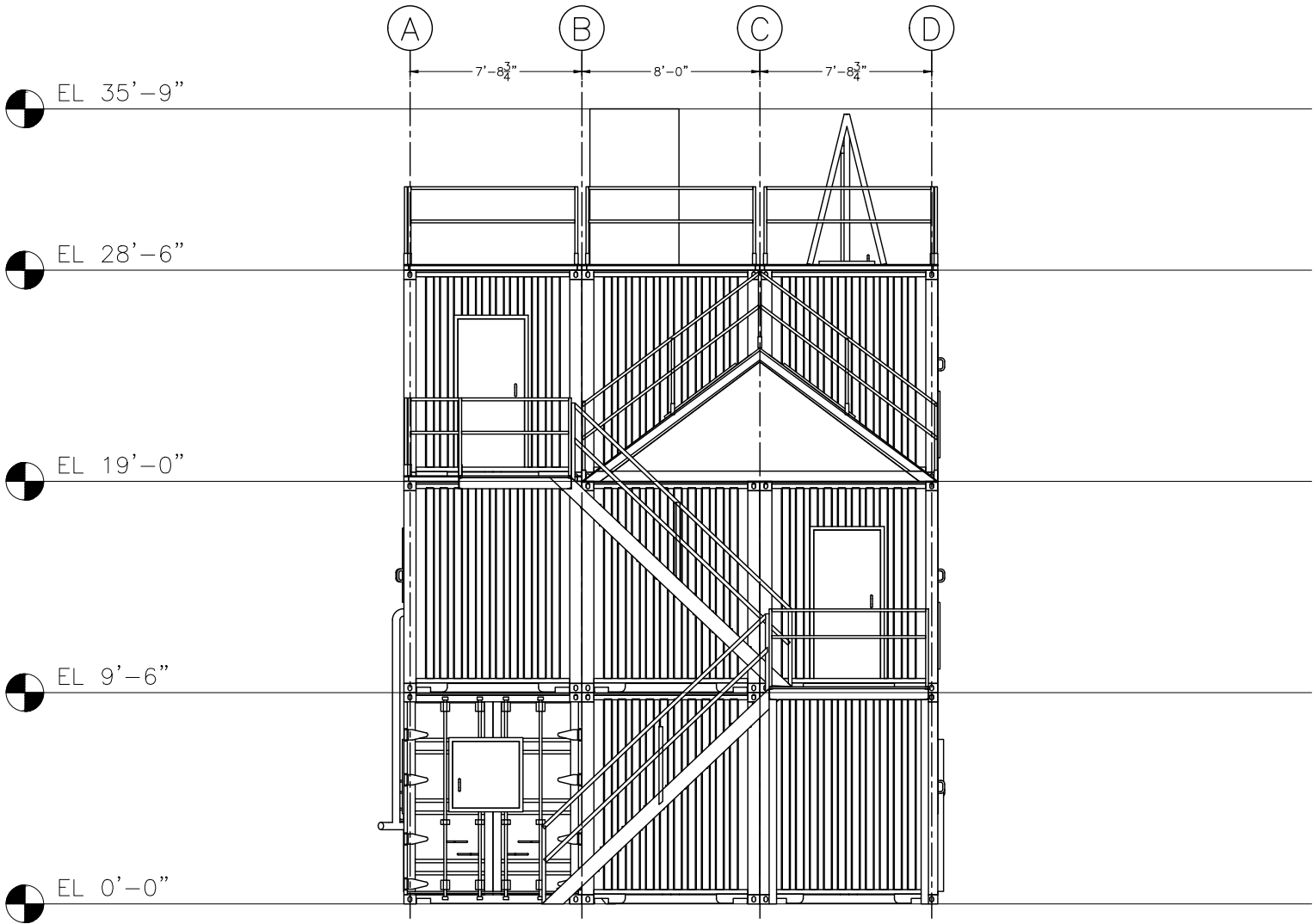


EAST ELEVATION VIEW

Itemref	Quantity	Title/Name, designation, material, dimension etc			Article No./Reference		
Designed by JTB		Checked by -	Approved by - date -	File name J0081	Date 07-14-25	Scale AS NOTED	
AFTS				WHITEWATER, WI.			
				ATTACHMENT LOCATIONS		Edition -	Sheet S05

ATTACHMENT NOTES	
1	REFER TO SHEET S01 FOR GENERAL STRUCTURAL NOTES
2	REFER TO SHEET S02 FOR FOUNDATION REQUIREMENTS
3	ISO CONTAINER
4	ISO CONTAINER BEYOND
5	SEE DETAIL 01 ON SHEET S07
6	SEE DETAIL 04 ON SHEET S07
7	SEE DETAIL 05 ON SHEET S07
8	SEE DETAIL 06 ON SHEET S07
9	SEE DETAIL 07 ON SHEET S07
12	SEE SHEET S08
13	SEE SHEET S9
14	SEE SHEET S10

RevNo	Revision note	Date	Signature	Checked
-------	---------------	------	-----------	---------



WEST ELEVATION VIEW

Itemref	Quantity	Title/Name, designation, material, dimension etc			Article No./Reference	
Designed by JTB		Checked by -	Approved by - date -	File name J0081	Date 07-14-25	Scale AS NOTED
AFTS				WHITEWATER, WI.		
ATTACHMENT LOCATIONS					Edition -	Sheet S06