

REVISION

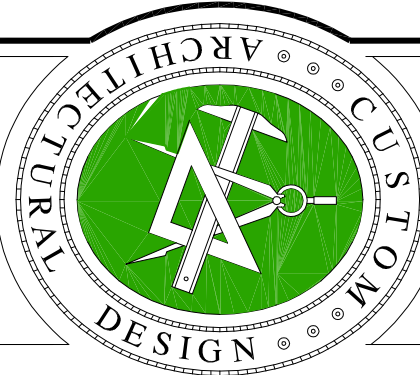
Stamp 2024  
N.P. Gaiser, Architect  
AR00000

DRAWN:

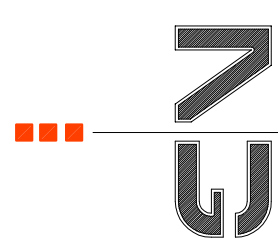
178

GYMNASIUM for:  
**TODD LUSSEIER**  
LAKE CITY, FLORIDA  
**COVER SHEET**

Celebrating  
52 Years of Service  
1972 - 2024  
N.P. Gaiser, Architect  
AR00000



**NICHOLAS  
GAISER  
ARCHITECT**



1728 NW BOWEN RD.  
LAKE CITY, FLORIDA 32651-4355

DATE:

20 FEB 2025

CONTRACT:

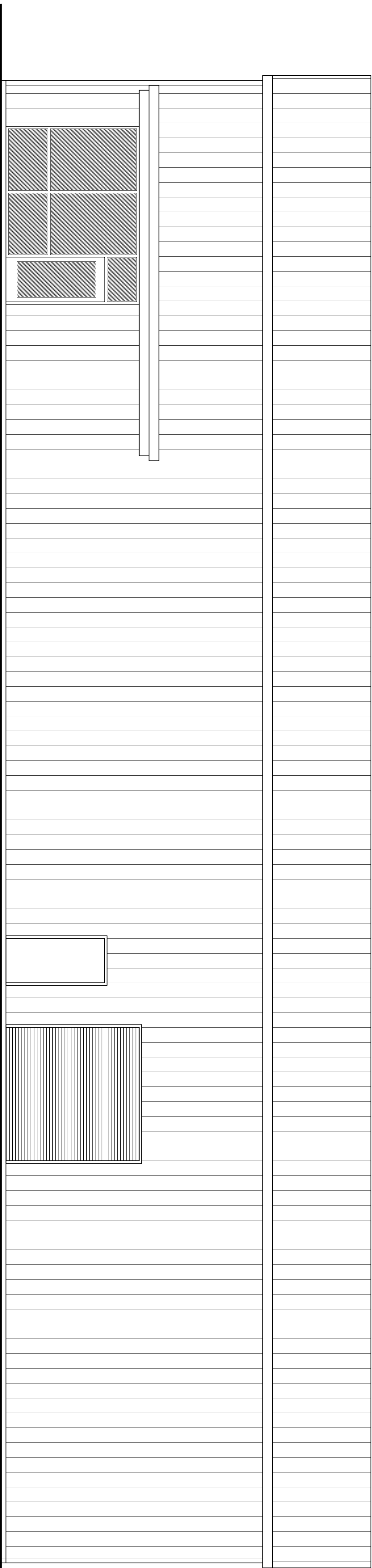
2K2421

SHEET:

C5.1

1 OF 1

AR0007005



GYMNASIUM for:  
**TODD LUSSEIER**  
LAKE CITY, FLORIDA

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S.2	STRUCTURAL NOTES and DETAILS	20 FEB 2025	.

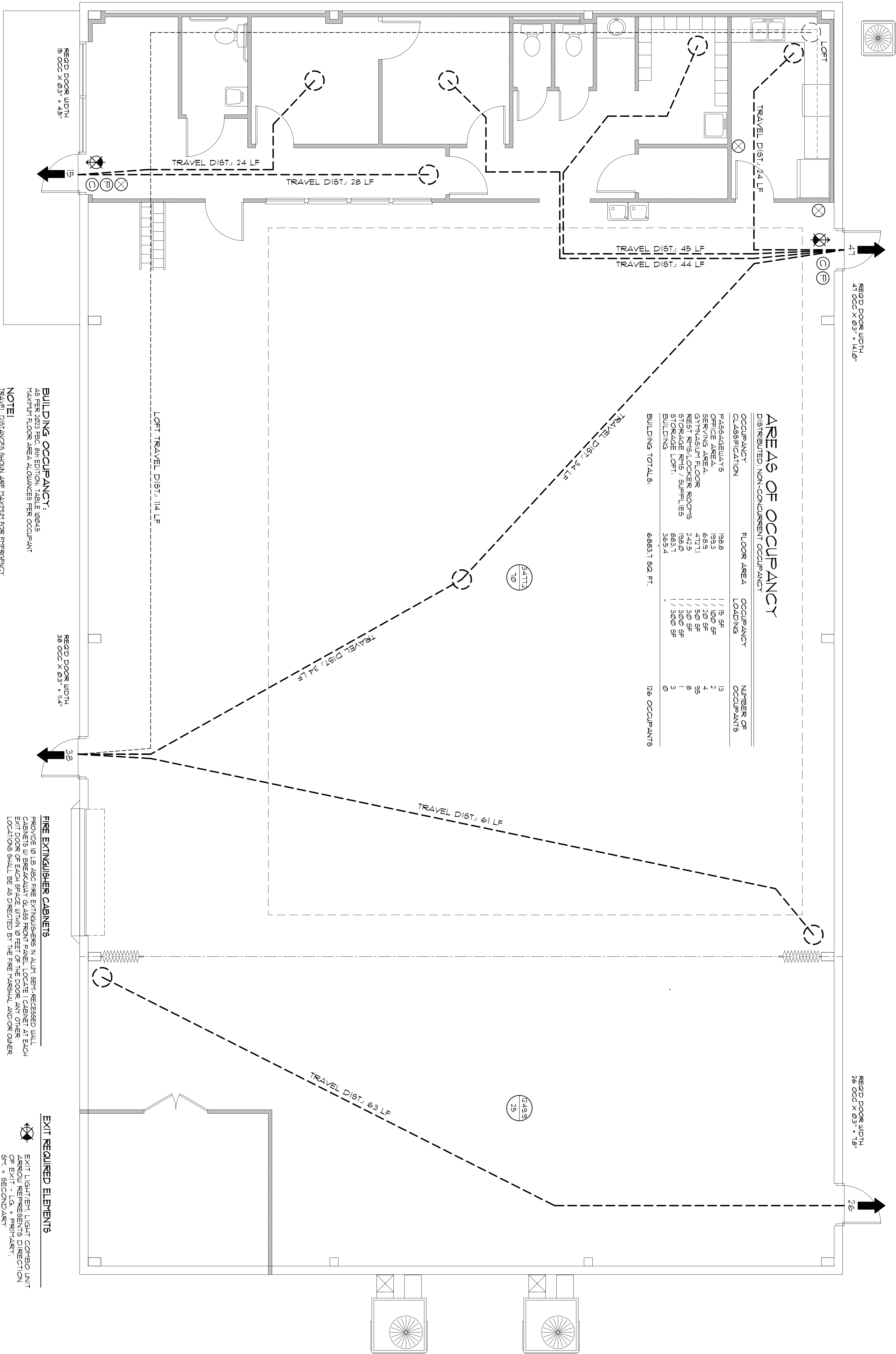
SHEET NO.	DRAWING TITLE	ISSUED	LATEST REV.
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A.2	FLOOR PLAN and DETAILS	20 FEB 2025	.
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E.1	ELECTRICAL PLAN and DETAILS	20 FEB 2025	.
E.2	ELECTRICAL LOFT PLAN, PANEL, and RISER	20 FEB 2025	.









REVISOR

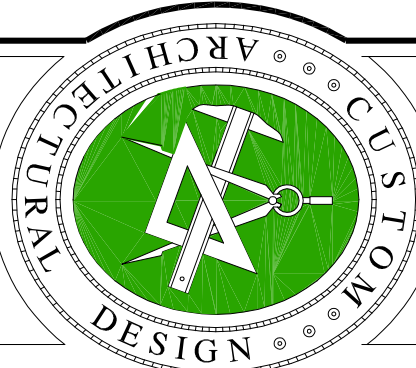
DATE: 02/24/2024  
BY: GMS/AR/AR

DRAWN: 178

GYMNASIUM for:  
**TODD LUSSIER**  
LAKE CITY, FLORIDA  
**LIFE SAFETY PLAN**

Celebrating  
52 Years of Service

1972 - 2024  
N.P. Gaiser, Architect  
AR00005



**NIGHOLAS  
GAISER  
ARCHITECT**

1758 NW BROWNS RD.  
LAKE CITY, FL 33603  
351-353-4355

DATE:

20 FEB 2025

CONTRACT:

2K2421

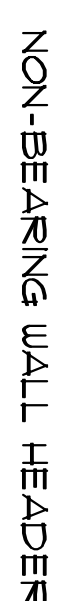
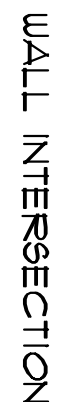
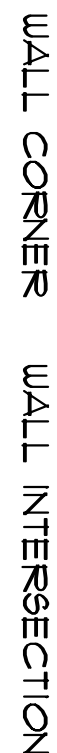
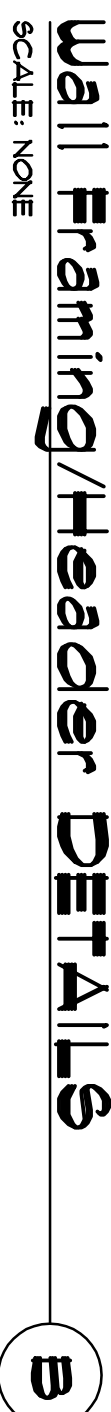
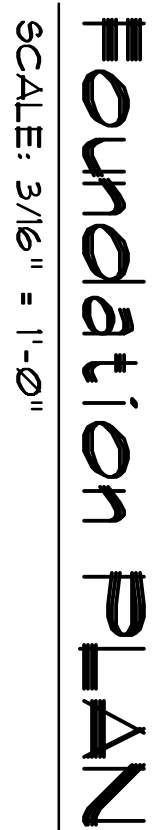
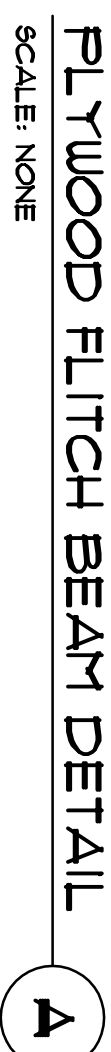
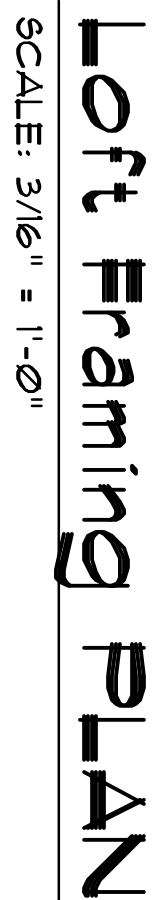
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**LSP.1**

1 OF 1

AR0007005

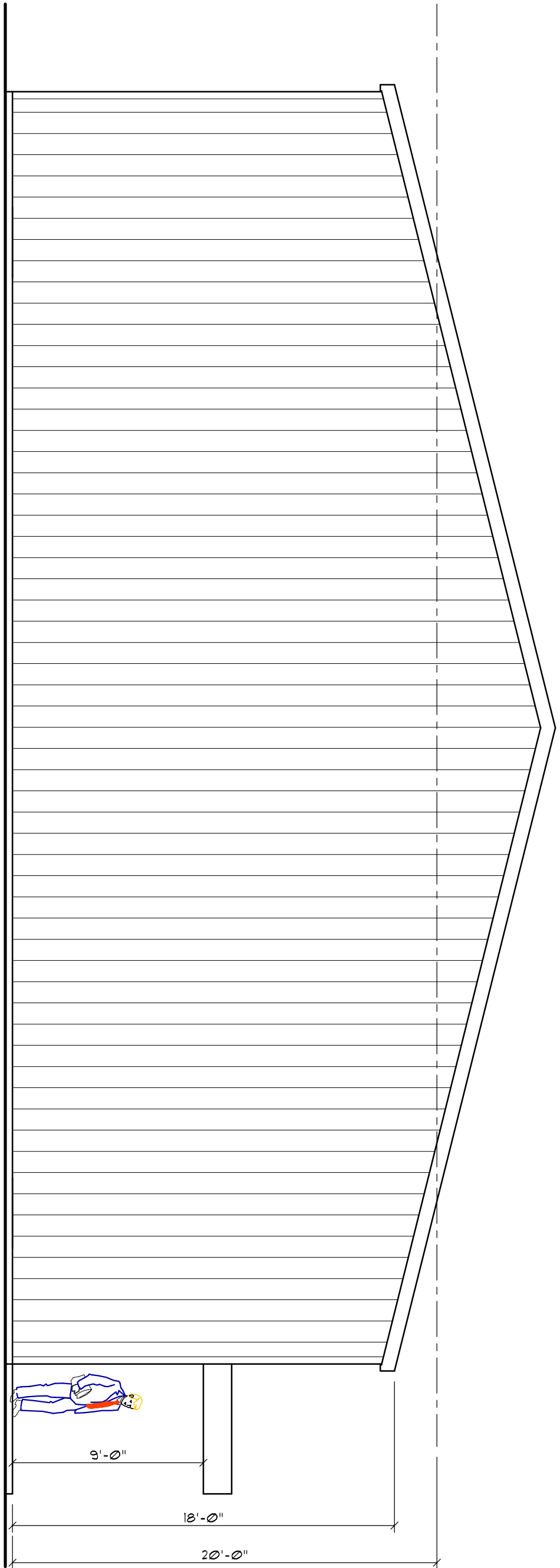






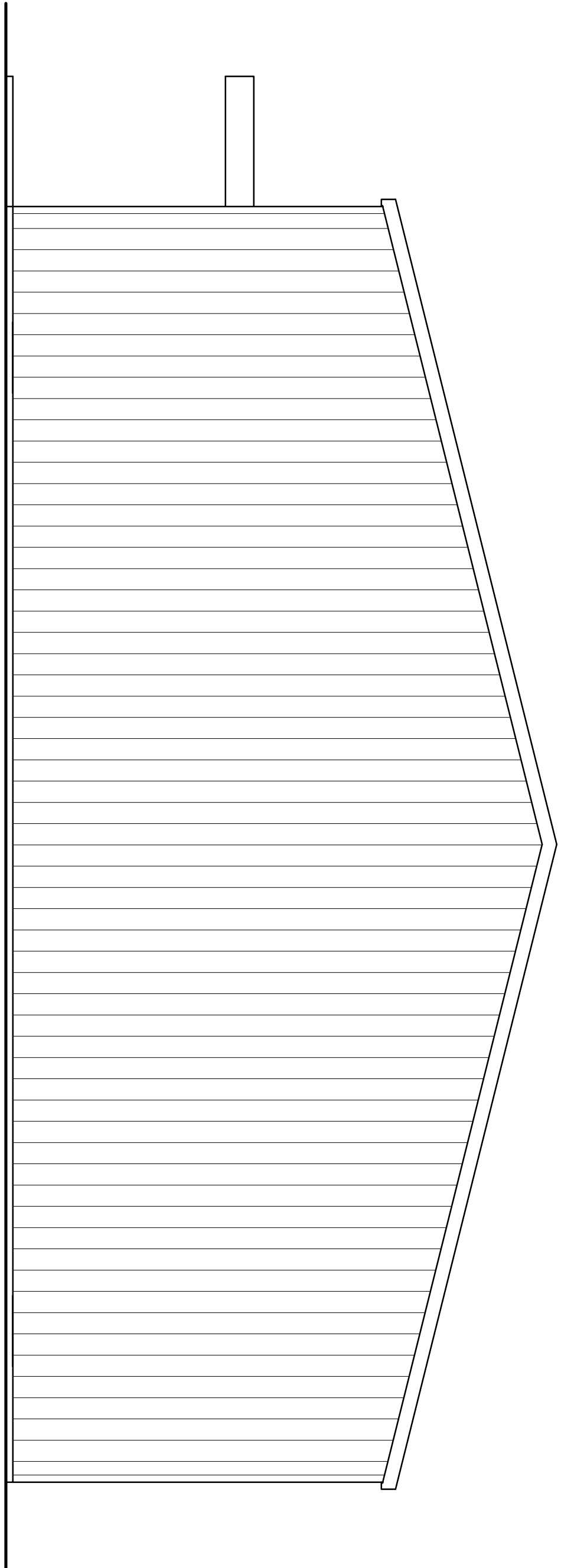






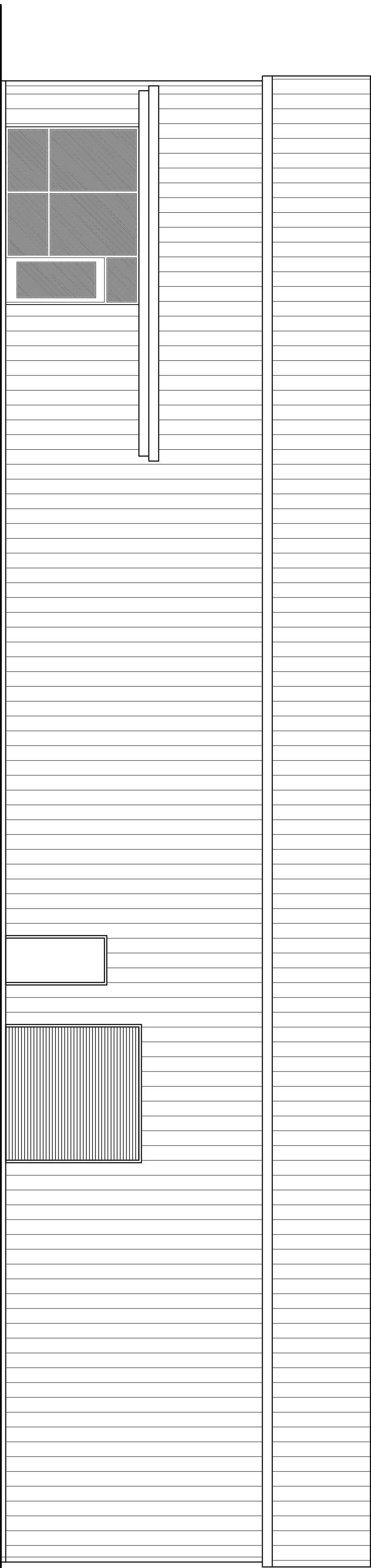
**WEST ELEVATION**

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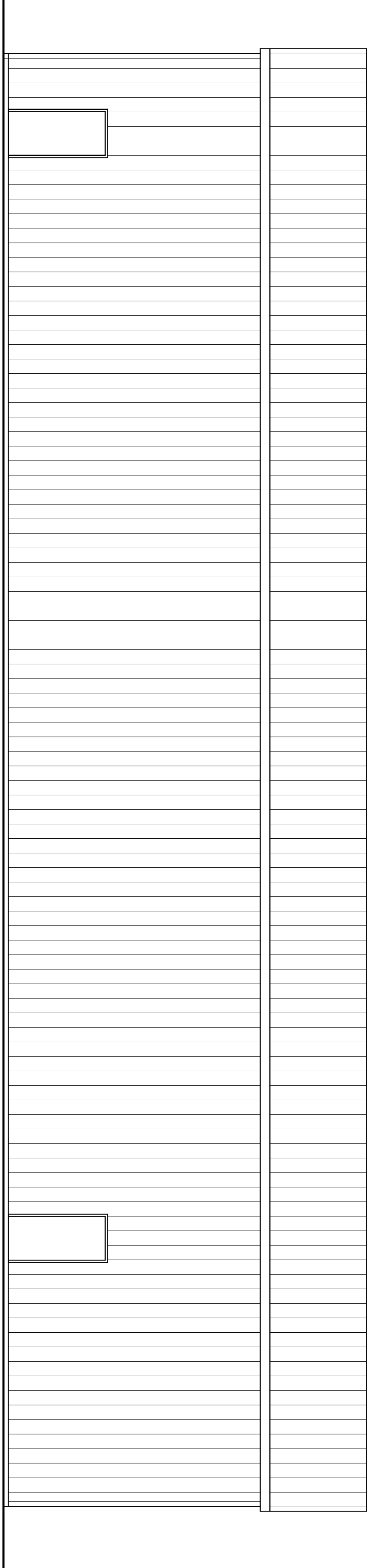
**EAST ELEVATION**

SCALE: 3/16" = 1'-0"



**SOUTH ELEVATION**

SCALE: 3/16" = 1'-0"



**NORTH ELEVATION**

SCALE: 3/16" = 1'-0"

REVISION:

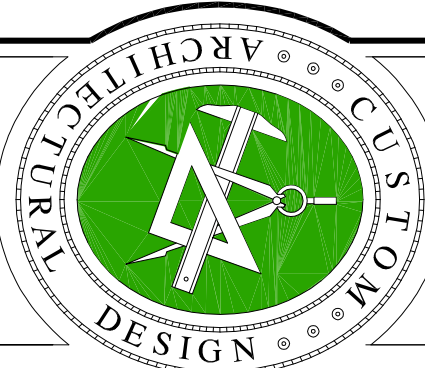
DATE: 2/24/2024  
BY: N.P. Gesler  
PROJECT: GYMNASIUM

DRAWN:

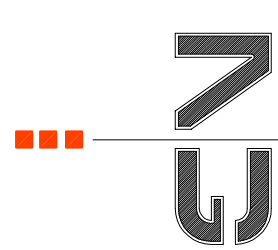
178

**GYMNASIUM for:**  
**TODD LUSSIER**  
LAKE CITY, FLORIDA  
**ELEVATIONS**

Celebrating  
52 Years of Service  
1972 - 2024  
N.P. Gesler, Architect  
AR000005



**NICHOLAS  
GESLER  
ARCHITECT**



1728 NW BROWNS RD  
LAKE CITY, FL 33603  
352-385-4355

DATE:

**20 FEB 2025**

CONTRACT:

**2K2421**

SHEET:

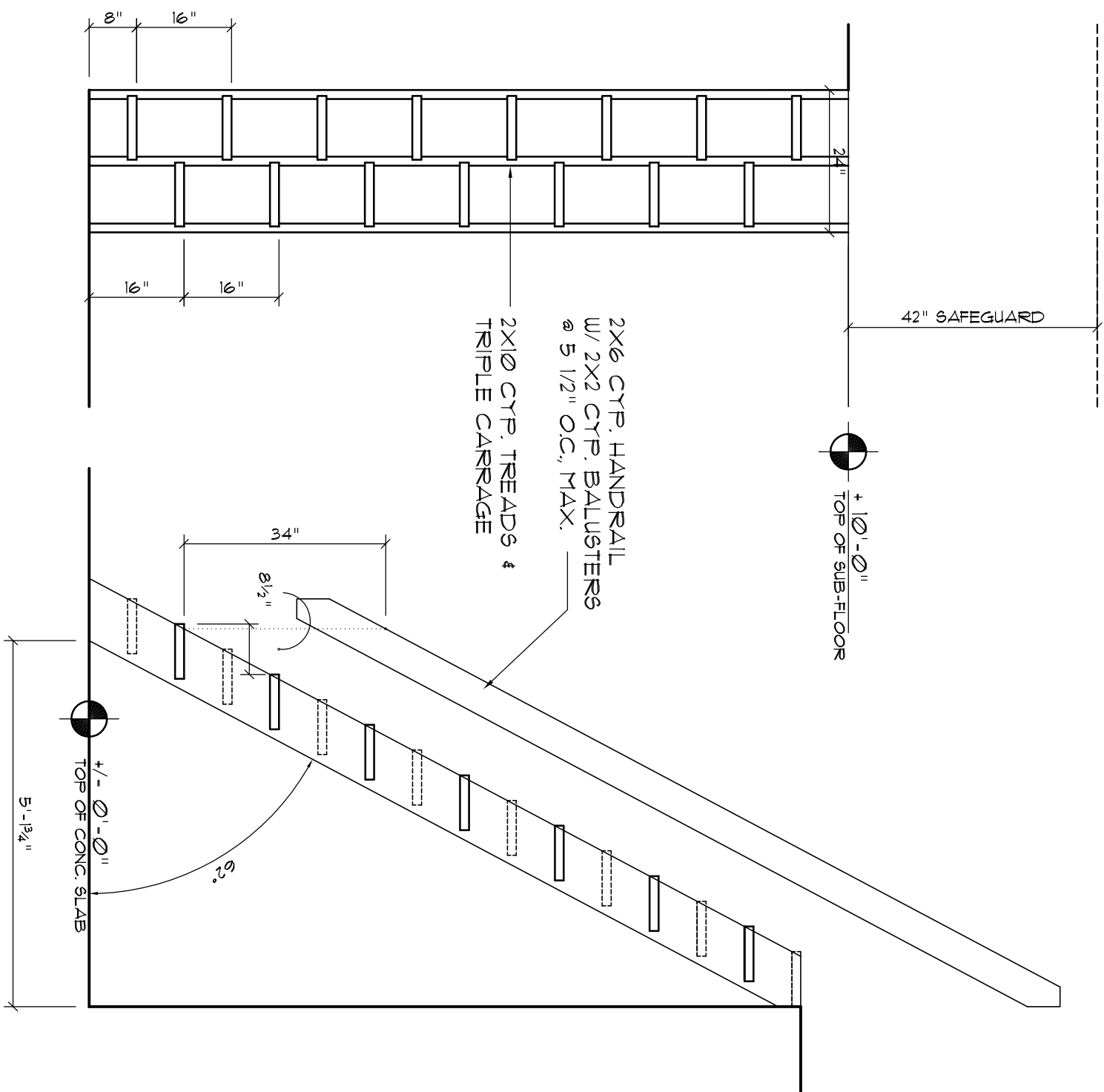
**A.1**

**1 OF 4**

AR0007005



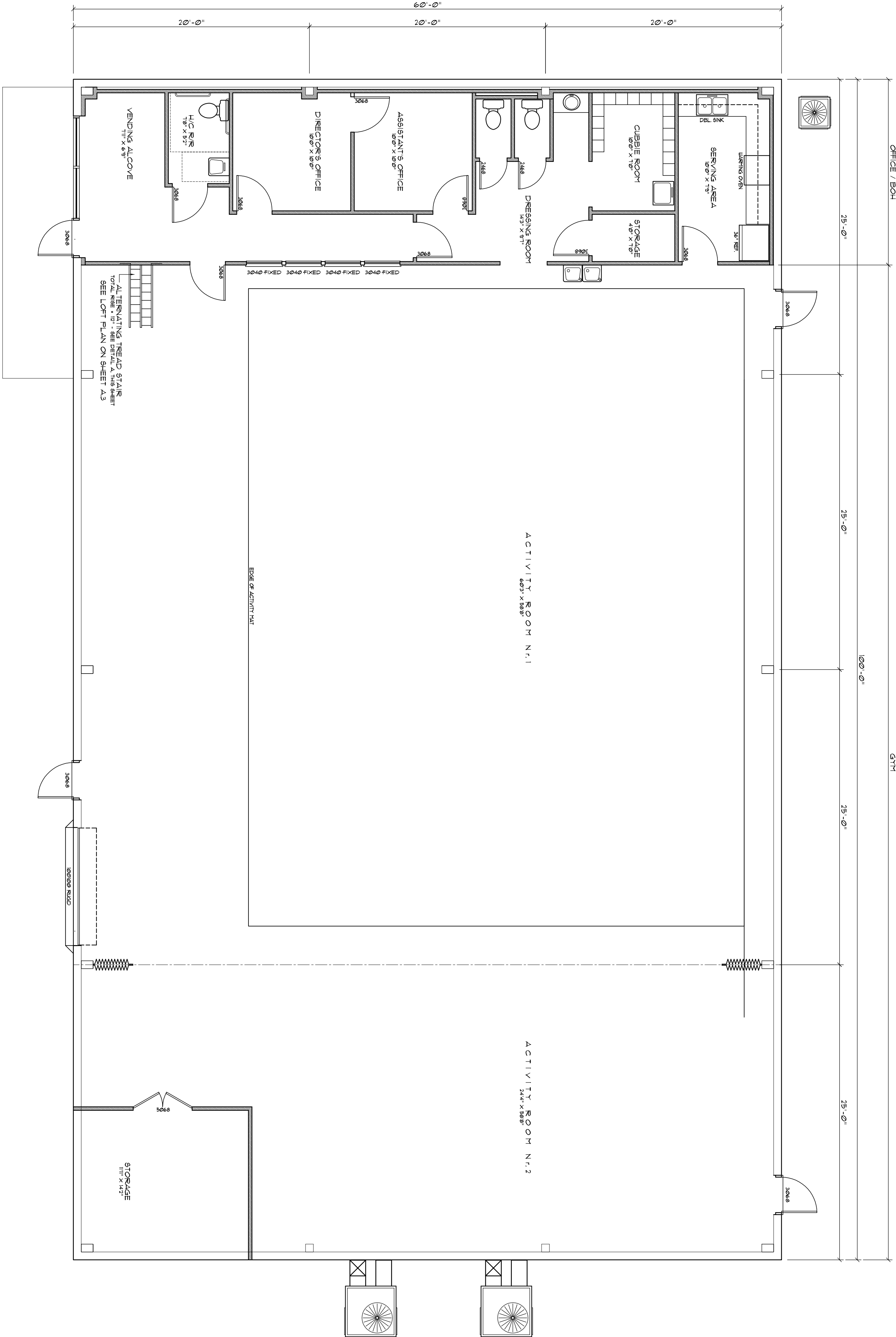
GENERAL INTERIOR FINISH SCHEDULE:	
OFFICE FLOOR AREA	GLUED CARPET, PATTERN & COLOR AS PER THE OWNER OR LAMINATE STRIP WOOD - SEE OWNER FOR CHANGES
GYM FLOOR AREA	POLISHED CONCRETE STAINED AS DIRECTED BY THE OWNER OR 9"X TROWELLED EXPOSED CONCRETE
PUBLIC RFR FLOOR AREA	THINSET CERAMIC TILE OR NATURAL STONE PAT. & COLOR AS SELECTED BY THE OWNER
BOH FLOOR AREA	SHEET VINYL OR 2" SQUARE VCT, PATTERN & COLOR AS SELECTED BY THE OWNER
BASE:	4" VINYL COSE EXCEPT PUBLIC RESTROOM CERAMIC TILE THIN SET - MATCH WITH FLOOR TILE
OFFICE & BOH WALLS	5/8" GDS, PRIMED AND PAINTED 2 COATS LATEX WALL PAINT, COLOR & GLOSS AS SELECTED BY THE OWNER
OFFICE & BOH MAIN CEILING	5/8" GDS DIRECT LUNG, TIEED & FINISHED W/ 2 COATS OF LATEX CEILING PAINT, COLOR & GLOSS AS SELECTED BY THE OWNER
APPLIED FINISHES	APPLIED FINISHED TO GDS, 16 SPRAY KNOCK-DOWN SKIN-TROWEL AND STILLAR TREATMENTS AS DIRECTED BY THE OWNER
CABINETS:	AS SELECTED BY THE OWNER MINIMUM 48" GRADE "CUSTOM" - ALL COUNTERTOPS SHALL BE AS SELECTED BY THE OWNER



## Alternating Tread Stair Detail

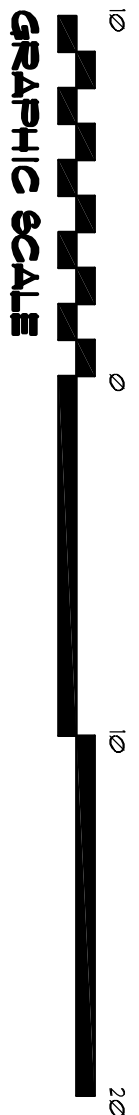
SCALE: 1/2" = 1'-0"

NOTE:  
CONSTRUCT FROM SELECT CYRESS 2X10 LUMBER W/ RABBITED CARCASE & CONCEALED FASTENERS - VARNISHED 2 COATS

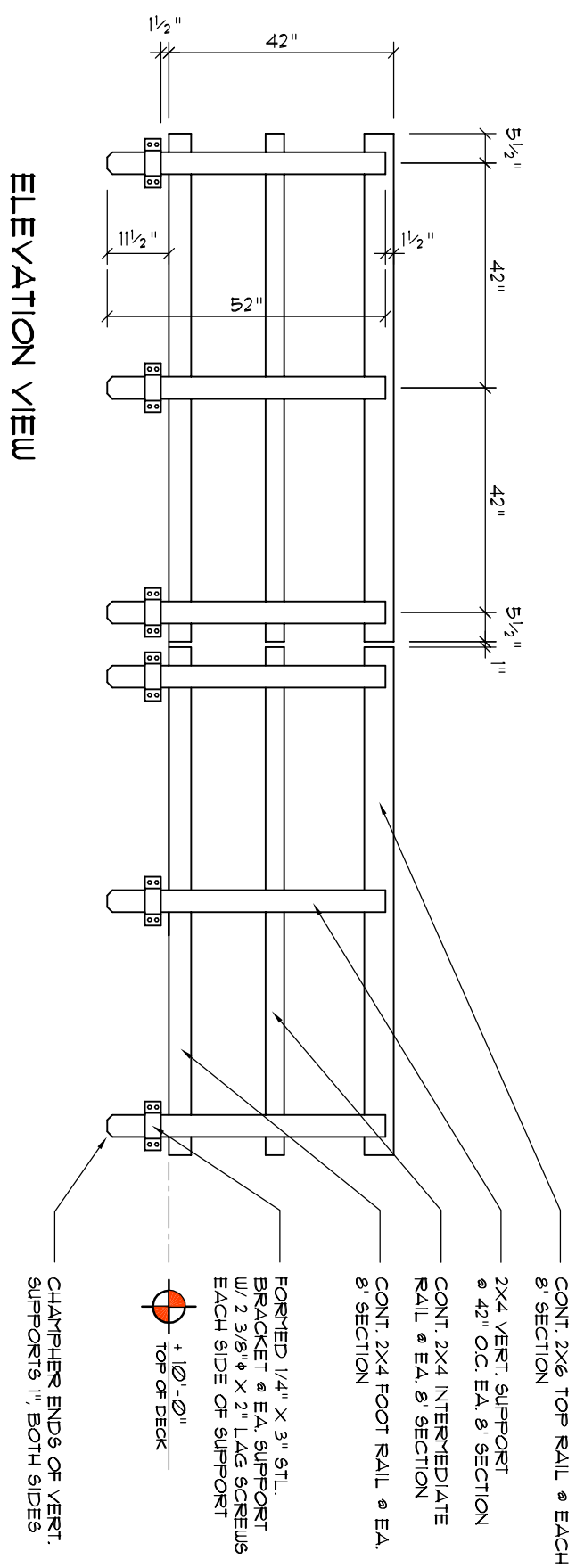


## FLOOR PLAN

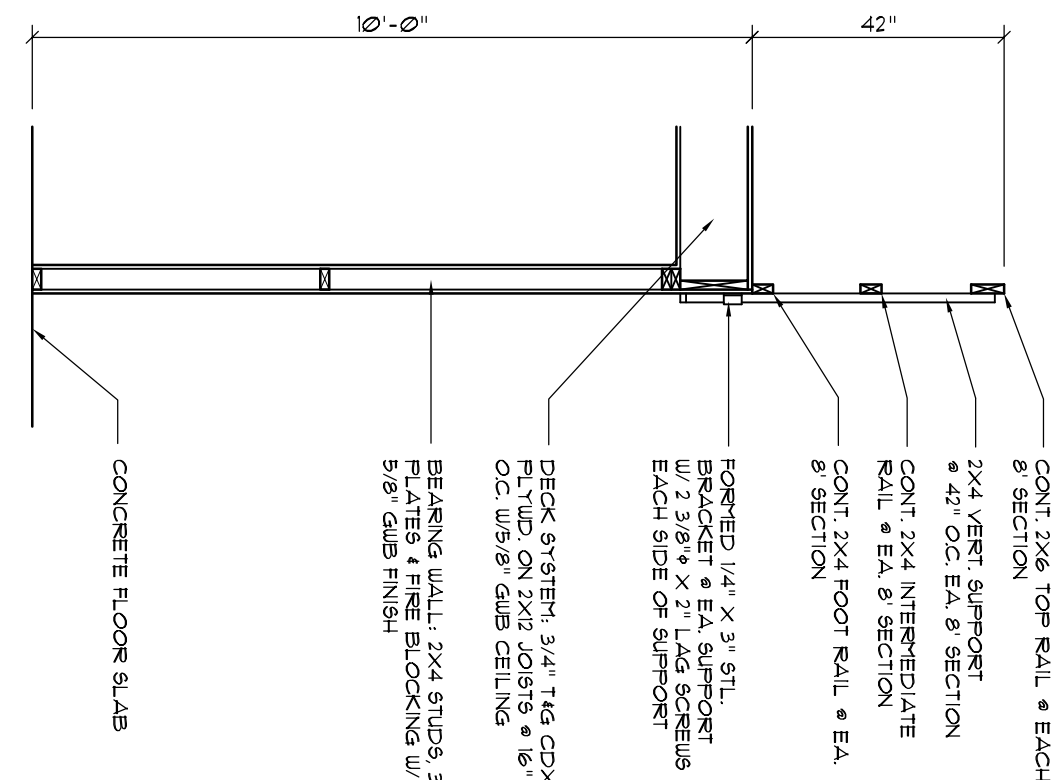
SCALE: 3/16" = 1'-0"



### ELEVATION VIEW



### SECTION VIEW

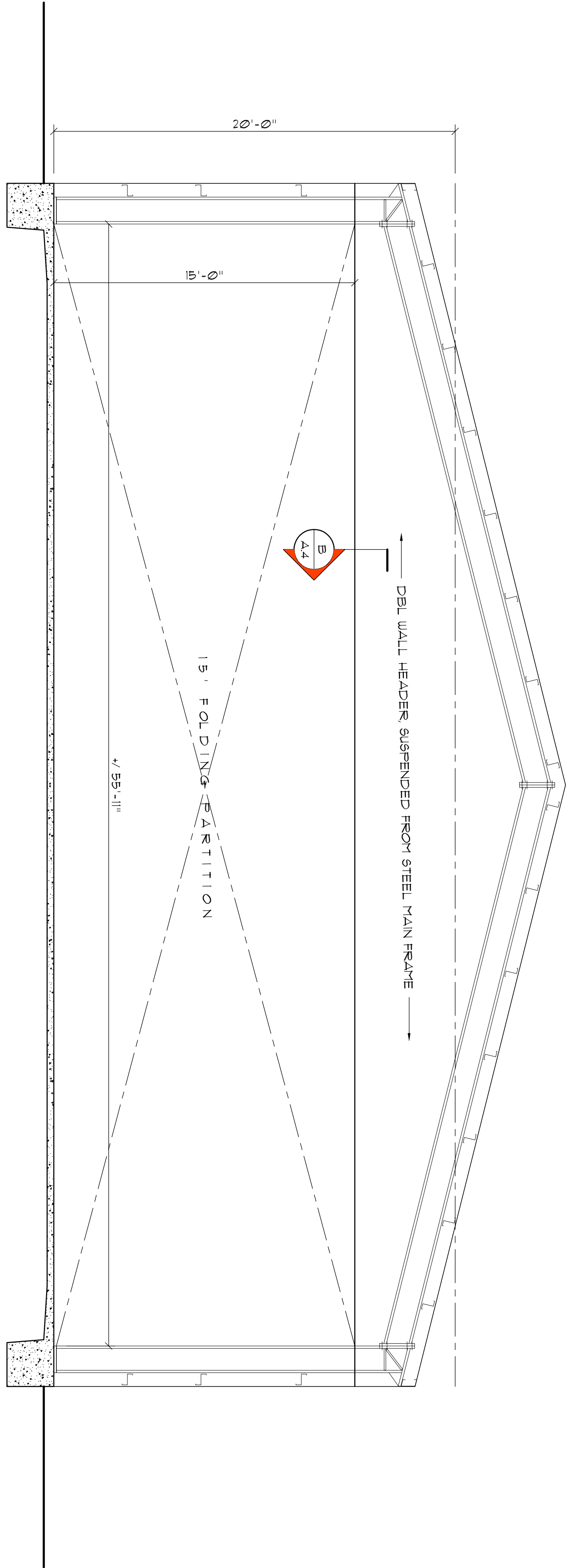


## RAILING DETAIL

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

B

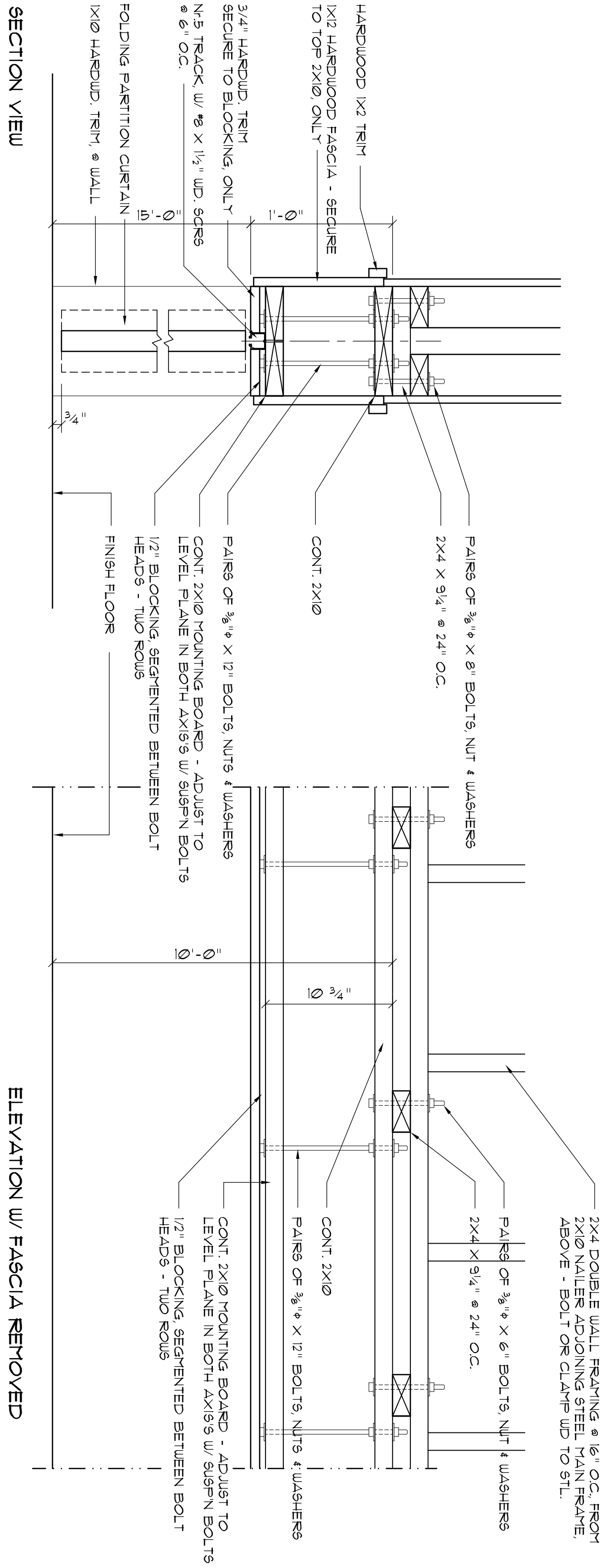




BUILDING SECTION

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

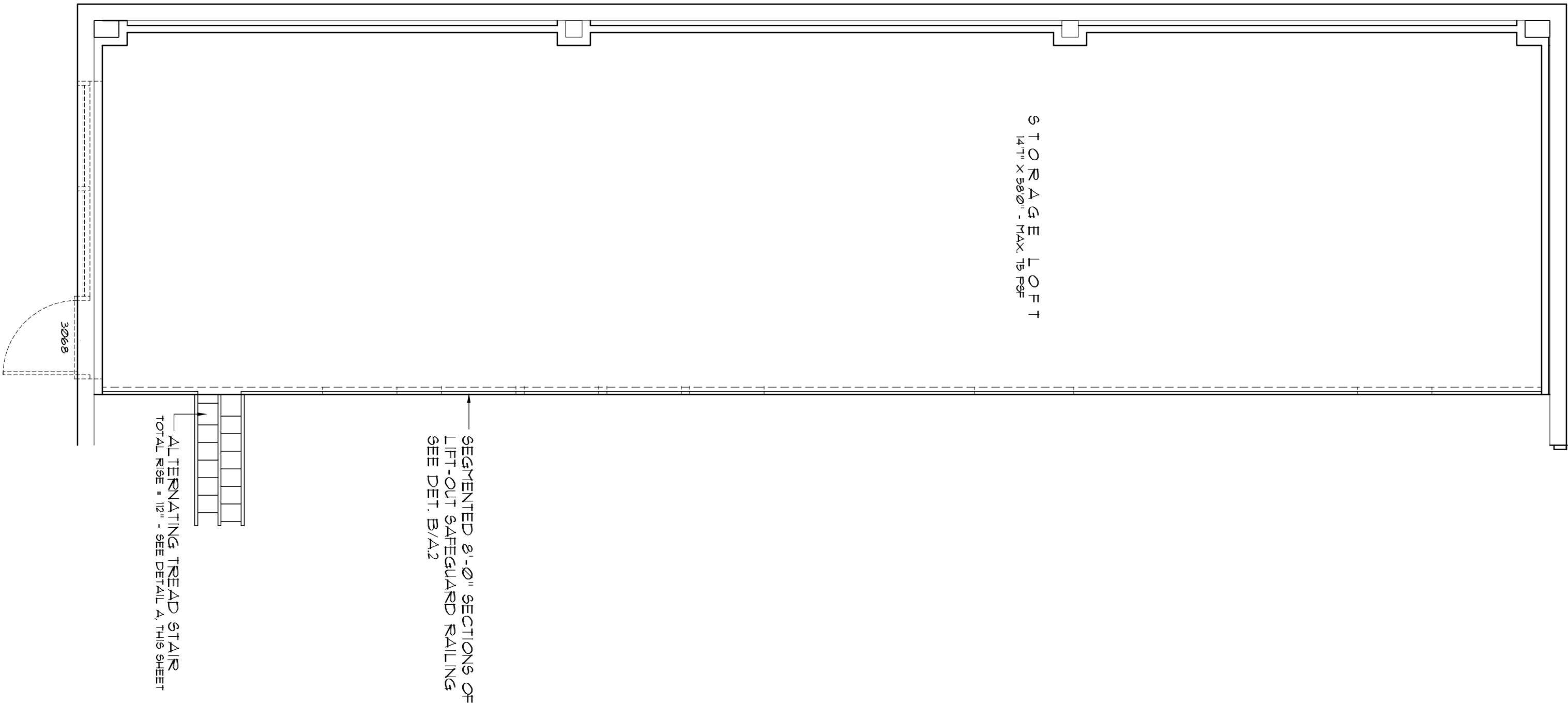
A



Folding Partition Section

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

B



STORAGE LOFT

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

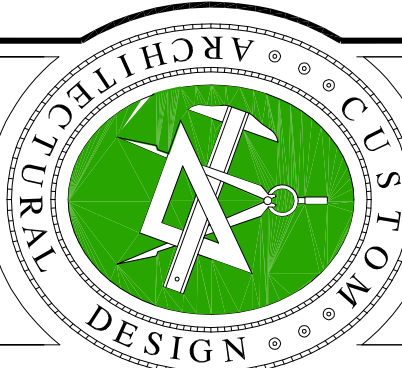
REVISION

DATE: 5/24/24  
DRAWN BY: N.P. Gaiser

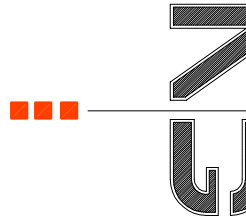
178

GYMNASIUM for:  
**TODD LUBSIEER**  
LAKE CITY, FLORIDA  
SECTION, DETAILS and LOFT PLAN

Celebrating  
52 Years of Service  
1972 - 2024  
N.P. Gaiser, Architect  
ARCHITECTS



NICHOLAS  
GAISER  
ARCHITECT



1758 NW BROWNS RD  
LAKE CITY, FL 33603  
352-365-4355

DATE: 20 FEB 2025  
CONTRACT: 2K2421

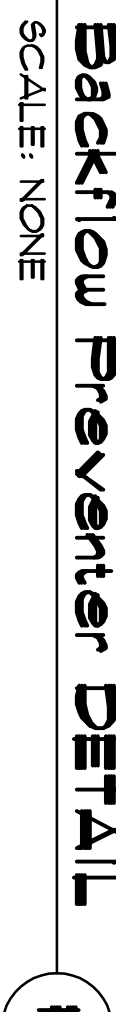
SHEET: 3 OF 4  
A.3

AR00007005



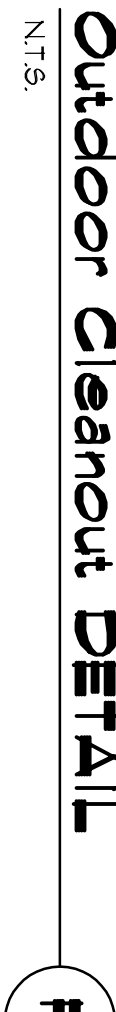






## Backflow Preventer DETAIL

SCALE: NONE



## Outdoor Cleanout DETAIL

N.T.S.



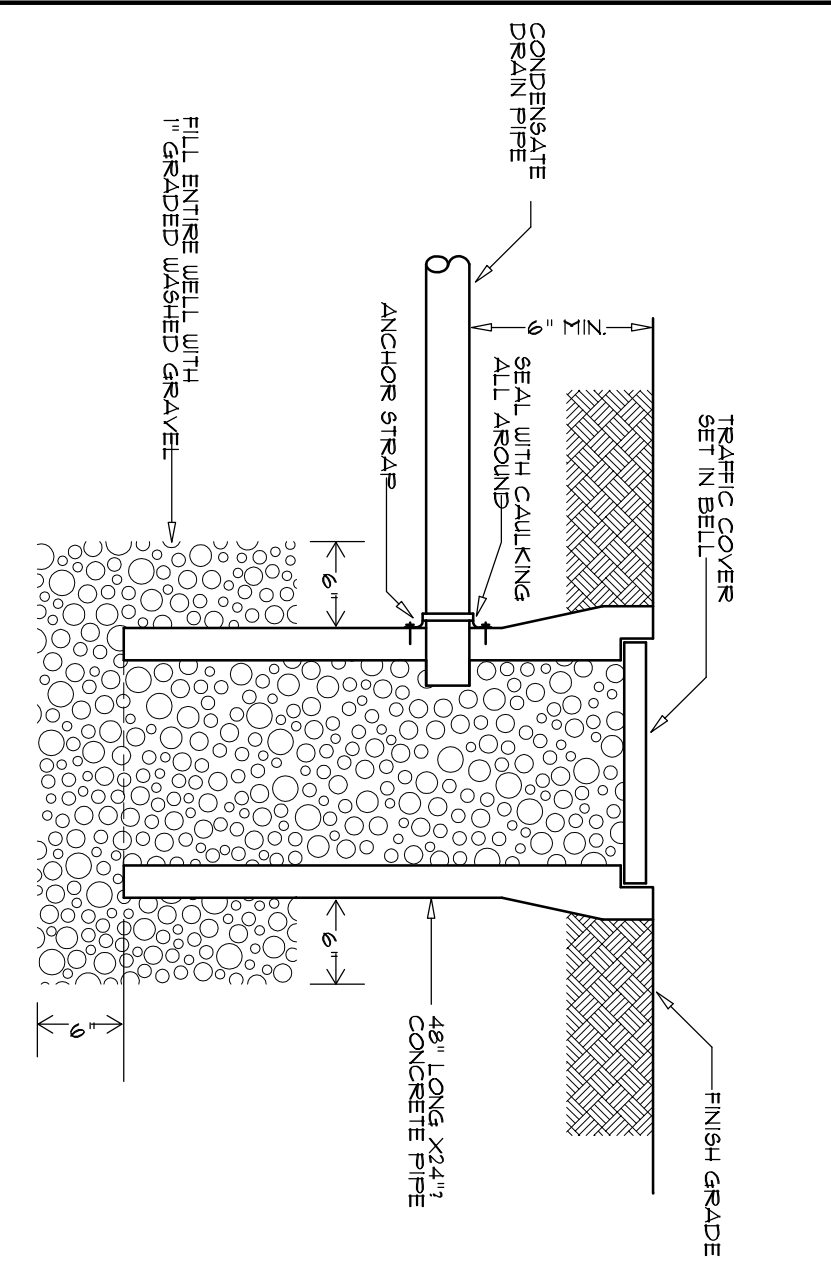
# THE WATERMATS

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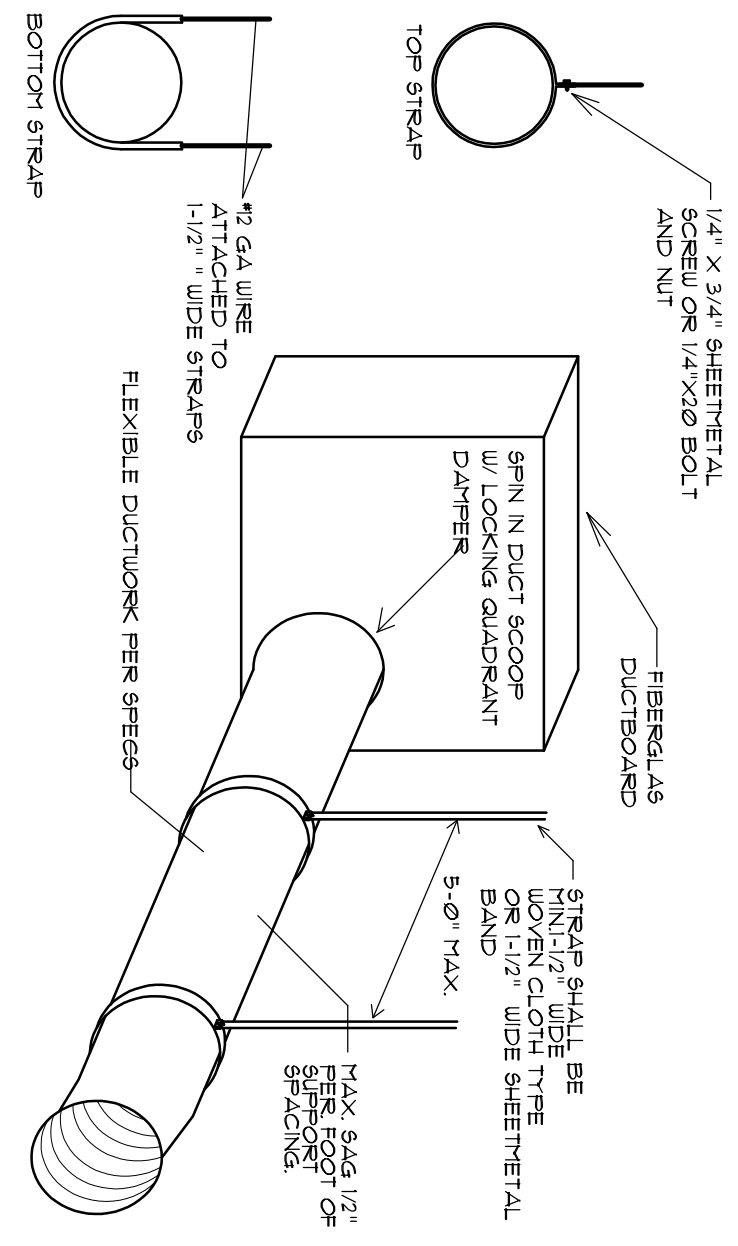






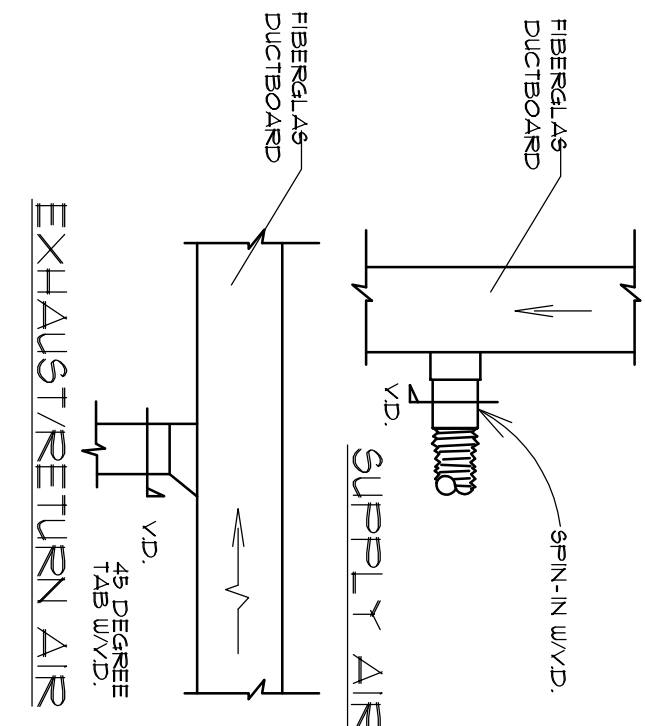
DRYWELL DETAIL

DET #1  
SHT M-4



FLEXIBLE SUPPORTS DETAIL

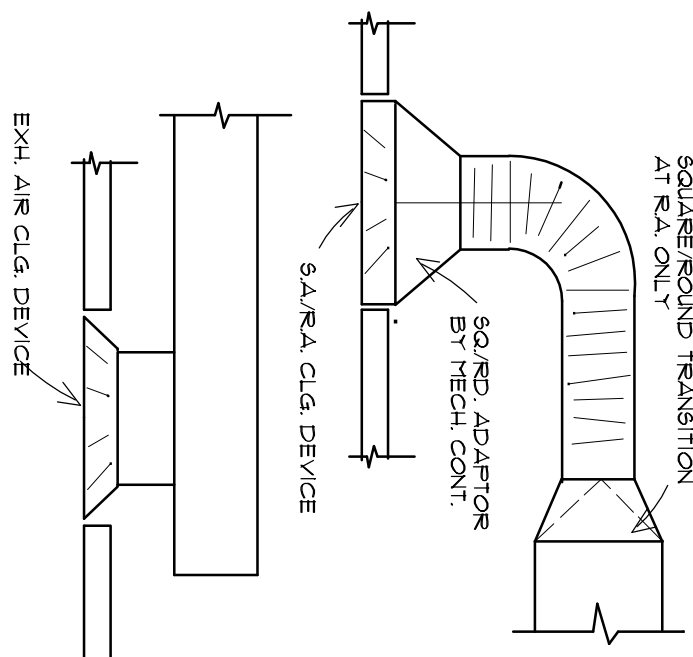
NTS  
SHT M-4



AIR DUCT DETAILS

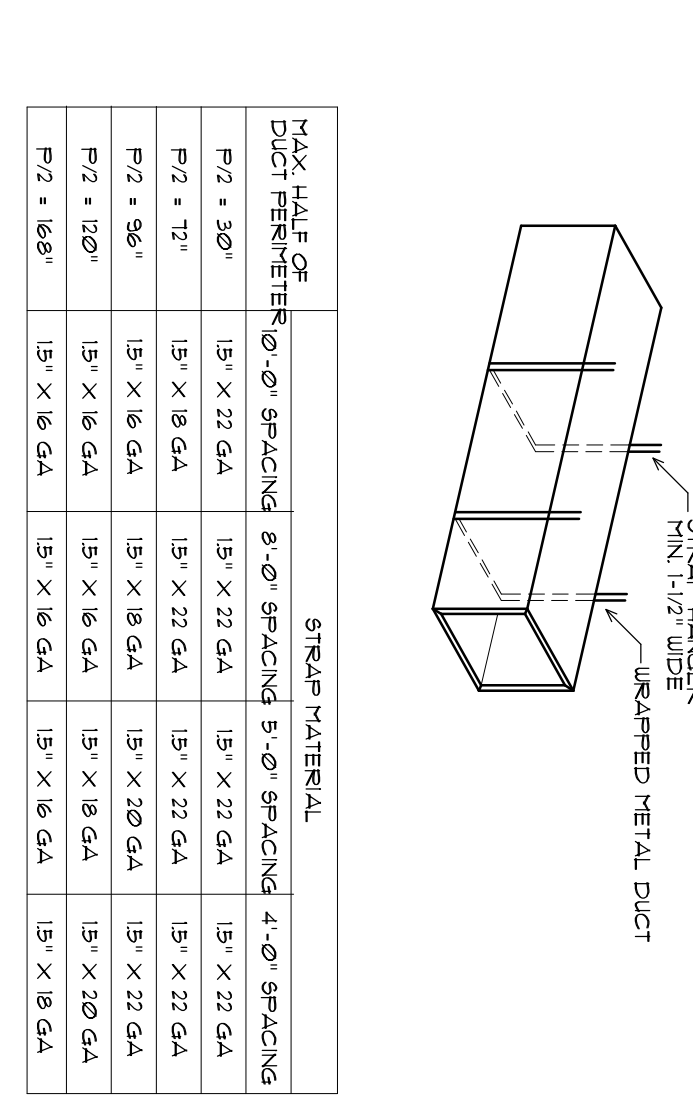
DET #3  
SHT M-4

TRANSITION SUPPORT (FLAT BOTTOM SURFACE)



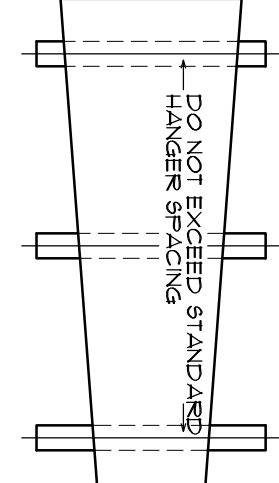
DIFFUSER CONNECTIONS

DET #4  
SHT M-4



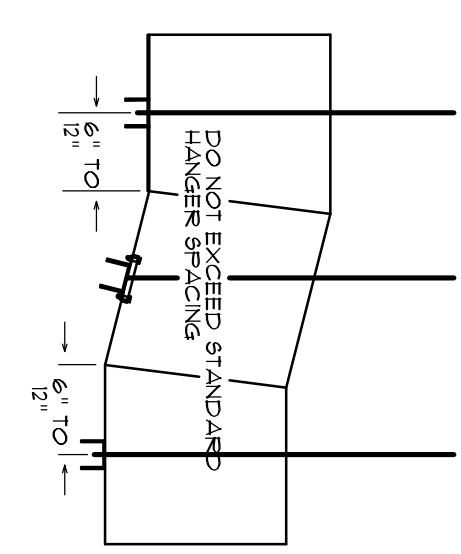
SHEETMETAL DUCT SUPPORT DETAIL

DET #5  
SHT M-4



DUCTBOARD TRANSITIONS AND OFFSET SUPPORTS

DET #6  
SHT M-4

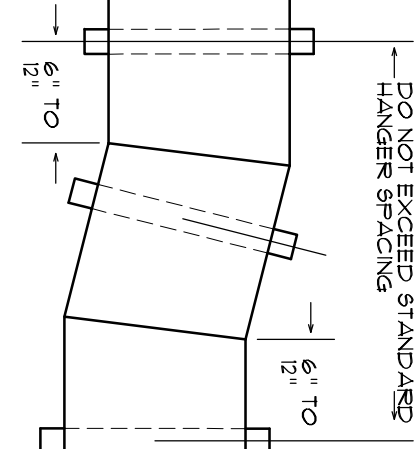


DUCTBOARD TRANSITIONS AND OFFSET SUPPORTS

NTS  
SHT M-4

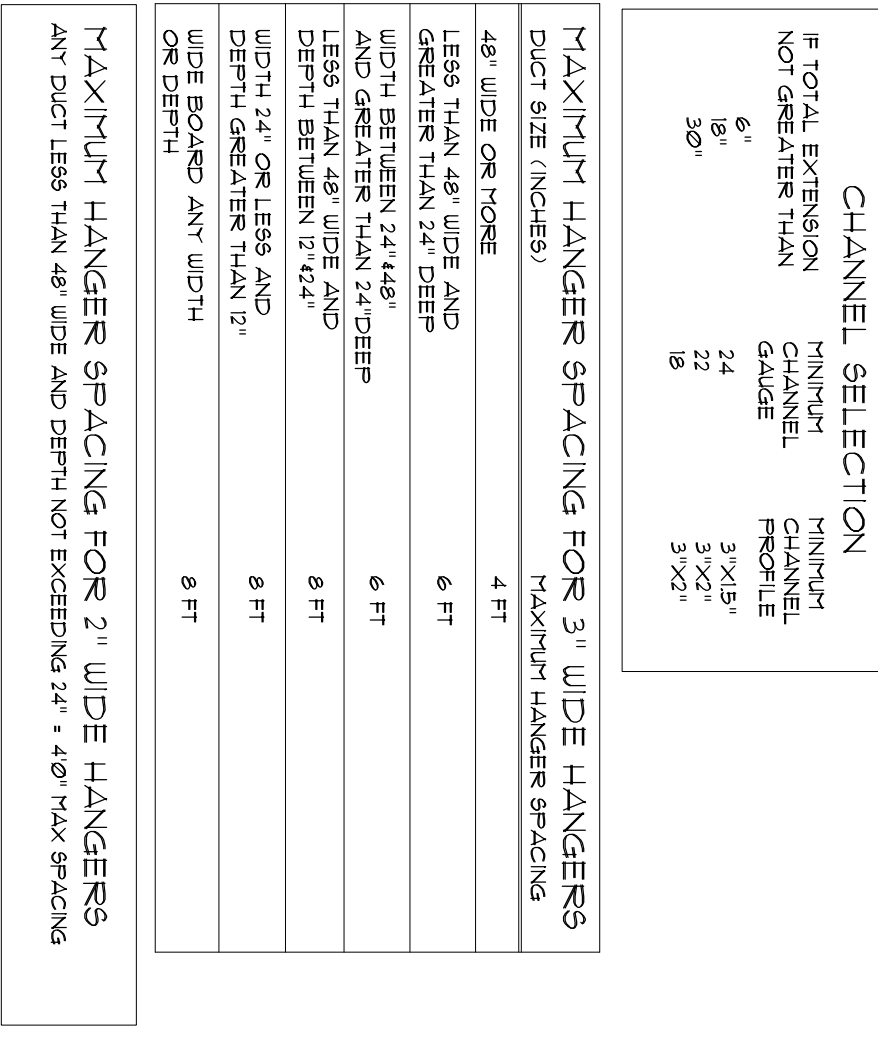
OFFSET SUPPORT (FLAT BOTTOM SURFACE)

REQUIRED ONLY WHEN INCLINED PORTION OF DUCT IS GREATER THAN 45 DEGREES. ADDITIONAL HANGERS MAY BE REQUIRED TO COMPLY WITH SPACING.



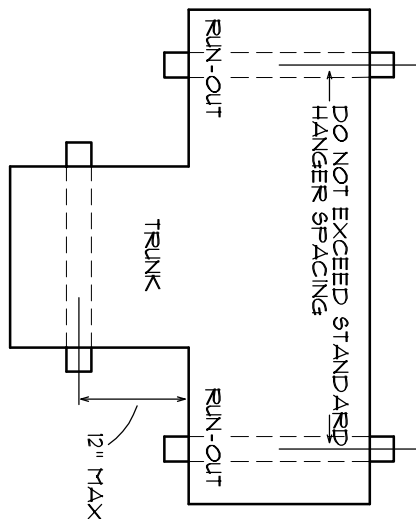
DUCTBOARD FLAT BOTTOM OFFSETS AND TEES SUPPORTS

DET #8  
SHT M-2



FIBERGLASS DUCT SUPPORT DETAIL

NTS  
SHT M-2



DUCTBOARD FLAT BOTTOM OFFSETS AND TEES SUPPORTS

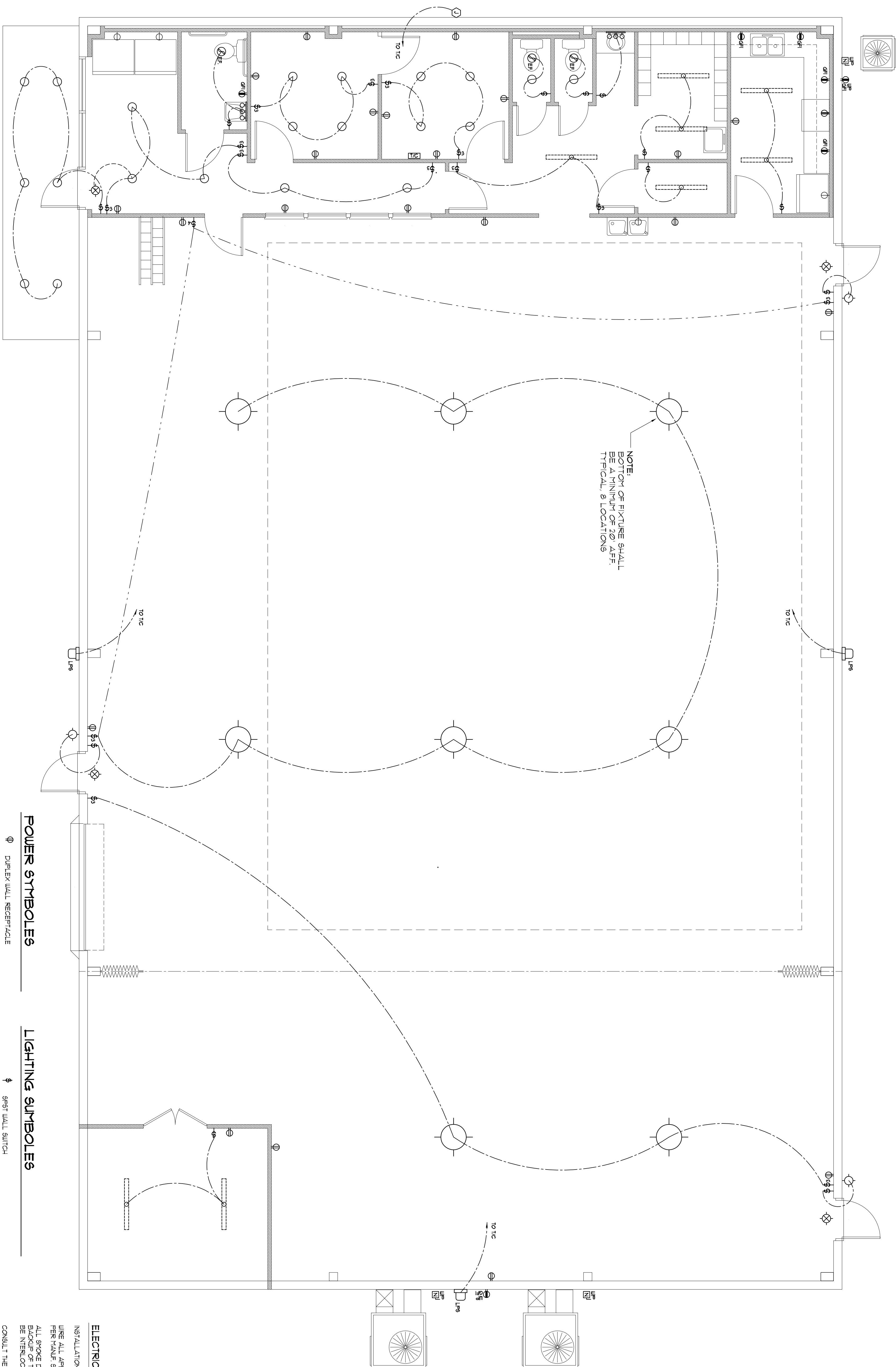
DET #10  
SHT M-2

HVAC GENERAL NOTES

1. THE A/U FILTERS, SUPPLY DIFFUSERS, REGISTERS, RETURN GRILLES, EXHAUSTS SHALL BE PROVIDED BY THE MECHANICAL CONTRACTOR. INSTALLATION SHALL BE BY THE MECHANICAL CONTRACTOR. OTHERWISE NOTED ON PLANS. M.C. SHALL COORDINATE WITH S.C. AS REQUIRED PER PLAN INSTRUCTIONS.
2. THE A/U'S SHALL BE PROVIDED BY THE LANDLORD. INSTALLATION SHALL BE BY THE MECHANICAL CONTRACTOR. UNLESS OTHERWISE NOTED ON PLANS. M.C. SHALL COORDINATE WITH S.C. AS REQUIRED PER PLAN INSTRUCTIONS.
3. E.C. SHALL PROVIDE ALL REQUIRED (POWER) FIELD WIRING FOR PROPER OPERATION OF ALL MECHANICAL SYSTEMS.
4. M.C. SHALL OBTAIN THE LATEST SHOP DRAWINGS AND USE IT FOR ACTUAL DIVISIONS.
5. DUCTWORK LAYOUTS ARE ACTUAL. ALL RISERS, DROPS, AND OFFSETS REQUIRED (EVEN IF NOT SHOWN) SHALL BE PROVIDED AND INSTALLED BY THE CONTRACTOR. A/N/D ADDITIONAL COST TO OWNER. DUCTWORK SHALL BE PROVIDED BY THE MECHANICAL CONTRACTOR. UNLESS OTHERWISE NOTED ON PLANS. M.C. SHALL COORDINATE WITH S.C. AS REQUIRED PER PLAN INSTRUCTIONS.
6. DUCTWORK SHALL HAVE SUFFICIENTLY OVER ALL SLEEVING, RISERS AND EXHAUSTS. EXHAUSTS SHALL BE PROVIDED BY THE MECHANICAL CONTRACTOR. UNLESS OTHERWISE NOTED ON PLANS. M.C. SHALL COORDINATE WITH S.C. AS REQUIRED PER PLAN INSTRUCTIONS.
7. MECHANICAL CONTRACTOR SHALL BALANCE BUILDING HVAC AIR FLOW AS INDICATED ON PLAN SCHEDULES AND NOTES. HVAC SYSTEMS SHALL BE PROVIDED BY THE MECHANICAL CONTRACTOR. UNLESS OTHERWISE NOTED ON PLANS. M.C. SHALL COORDINATE WITH S.C. AS REQUIRED PER PLAN INSTRUCTIONS.
8. CERTIFIED BALANCING AGENCY SERVING AS A BALANCING CONTRACTOR SHALL BE PROVIDED BY THE MECHANICAL CONTRACTOR. UNLESS OTHERWISE NOTED ON PLANS. M.C. SHALL COORDINATE WITH S.C. AS REQUIRED PER PLAN INSTRUCTIONS.
9. M.C. SHALL PROVIDE A/U'S AND DUCTWORK SYSTEM MADE OF GALVANIZED SHEET METAL. RECTANGULAR AND/OR ROUND. ALL SHEET METAL DUCTWORK SHALL BE PROVIDED BY THE MECHANICAL CONTRACTOR. UNLESS OTHERWISE NOTED ON PLANS. M.C. SHALL COORDINATE WITH S.C. AS REQUIRED PER PLAN INSTRUCTIONS.
10. ALL WORK SHALL BE PERFORMED BY A LICENSED CONTRACTOR. CONTRACTOR SHALL INSTALL SYSTEMS EQUIPMENT AND COMPONENTS IN ACCORDANCE WITH THE DESIGN PLANS. ANY DEVIATION FROM THE DESIGN PLANS SHALL ONLY BE PERFORMED IF APPROVED BY THE OWNER REPRESENTATIVE. ALL WORK SHALL MEET OR EXCEED THE MINIMUM REQUIREMENTS OF ALL APPLICABLE CODES AND REGULATIONS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS.
11. ALL JOINTS, LONGITUDINAL AND TRANSVERSE SEAMS AND CONNECTIONS IN DUCTWORK SHALL BE SECURELY SEALED USING AN APPROVED MECHANICAL FASTENERS WITH SEALS. GASKETS OR MASTICS AND AIR DEVICES USING MECHANICAL FASTENERS WITH SEALS. MASTICS OR GASKETS, TAPES AND MASTICS MUST BE LISTED AND LABELED IN ACCORDANCE WITH UL 181A OR UL 186.
12. ALL A/U'S METAL SUPPLY AND RETURN AIR DUCTS SHALL BE THERMALLY INSULATED WITH R-6.0 (MIN) EXTERNAL DUCTWORK WITH INSULATION SHALL BE MINIMUM 2\"/>
13. INSULATED LOW PRESSURE FLEXIBLE DUCT SHALL BE A FACTORY FABRICATED ASSEMBLY, CONSISTING OF A DUCT-COATED SPRING STEEL INSULATION. THE ASSEMBLY SHALL BE SHEATHED IN A VAPOR BARRIER JACKET. FACTORY SEALED AT BOTH ENDS OF EACH SECTION. THE COMPOSITE ASSEMBLY INCLUDING INSULATION AND VAPOR BARRIER SHALL UL LABELED THE "R" VALUE. THE "R" VALUE REQUIRED IF SHALL BE 5.5 OR GREATER PER ASHRAE 90.1-11.
14. ALL DIFFUSERS SHALL BE INSULATED WITH FIBERGLASS INSULATION WITH VAPOR BARRIER PERMANENTLY ATTACHED TO THE DIFFUSER. ROUND TRANSITIONS WHERE REQUIRED.
15. APPLY INSULATION ON RIGID METAL DUCTWORK PER MANUFACTURER SPECIFICATIONS WITH 2\"/>
16. REFER TO SCHEDULE OF MATERIALS AND EMERGENCY HVAC OPERATION.
17. THE MECHANICAL CONTRACTOR SHALL PROVIDE AN OPERATION AND MAINTENANCE MANUAL TO THE BUILDING OWNER UPON COMPLETION OF THE OPERATION AND MAINTENANCE OF HVAC SYSTEMS AND EQUIPMENT AS WELL AS NAMES AND ADDRESSES OF QUALIFIED SERVICE AGENCIES REQUIRED ROUTINE MAINTENANCE ACTIONS SHALL BE CLEARLY IDENTIFIED HVAC CALIBRATION INFORMATION SHALL BE INCLUDED DESIGNED OR FIELD DETERMINED SET POINTS MUST BE PERMANENTLY RECORDED ON CONTROL DRAWINGS. A CONTROL DEVICES OR FOR DIGITAL CONTROL SYSTEMS IN CONTROL SYSTEMS TESTING REPORT AND A COPY OF THE AIR BALANCE REPORT.
18. ALL LOW VOLTAGE WIRING AND FINAL CONNECTIONS SHALL BE SUPPLIED AND INSTALLED BY THE M.C. ALL J-BOXES AND NECESSARY CONDUIT SHALL BE PROVIDED BY E.C. MECHANICAL CONTRACTOR SHALL NOT POWER WIRING OVER 24 VOLTS INCLUDING CONDUIT. ALL WIRING AS REQUIRED, UNLESS OTHERWISE NOTED SEE ELECTRICAL SHEETS.
19. M.C. SHALL EXPLAIN TO THE OWNER'S REPRESENTATIVE THE HVAC SYSTEM OPERATION, PROGRAMMING AND TROUBLESHOOTING.

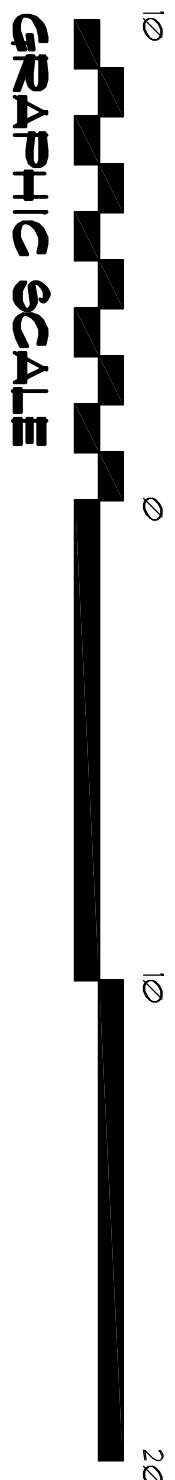
NOTE: THE "A6-BUILT" IS SUGGESTED, HOWEVER, JOB CONDITIONS SHALL GOVERN PLACEMENT, TURN, PHYSICAL SIZE TO THE "A6-BUILT" DRAWING REQUIREMENTS.





# THE PLAN













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



## POWER SYMBOLS

- |                  |                        |
|------------------|------------------------|
| ①                | DUPLEX WALL RECEPTACLE |
| ①                | SINGLE MOV. RECEPTACLE |
| ①                | 240V OUTLET            |
| ① <sub>241</sub> | 240V FAN               |
| ① <sub>242</sub> | 240V FAN               |
| ① <sub>243</sub> | 240V FAN               |
| ① <sub>244</sub> | 240V FAN               |
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## LIGHTING SYMBOLS

- |   |                                 |
|---|---------------------------------|
|  | 3-WAY SWITCH                    |
|  | 4-WAY SWITCH (3-WAY)            |
|  | DIMMABLE SWITCH (4-WAY CIRCUIT) |
|  | LED LIGHT FIXTURE               |
|  | LED LIGHT FIXTURE               |
|  | LED HIGH-BAY DOWN LIGHT         |
|  | BATH 3-LAMP LED LIGHT FIXTURE   |
|  | 900-LP3 WIP SECURITY FIXTURE    |
|  | 2000W LED H-BAY FIXTURE         |
|  | SWITCH/FIXTURE WIRING           |
|  | 4-WAY MESSENGER WIRING          |
|  | CONTROL WIRE ON LOW VOLTAGE     |

## ELECTRICAL PLAN NOTES

INSTALLATION SHALL BE PER 2023 NAT'L. ELECTRIC CODE.  
WIRE ALL APPLIANCES, HVAC UNITS AND OTHER EQUIPMENT  
PER MANUF. SPECIFICATIONS.

CONSULT THE OWNER FOR THE NUMBER OF SEPERATE TELEPHONE LINES TO BE INSTALLED.

TELEPHONE, TELEVISION AND OTHER LOW VOLTAGE DEVICES OR OUTLETS SHALL BE AS PER THE OWNER'S DIRECTION, & IN ACCORDANCE W/ APPLICABLE SECTIONS OF NEC-LATEST EDITION

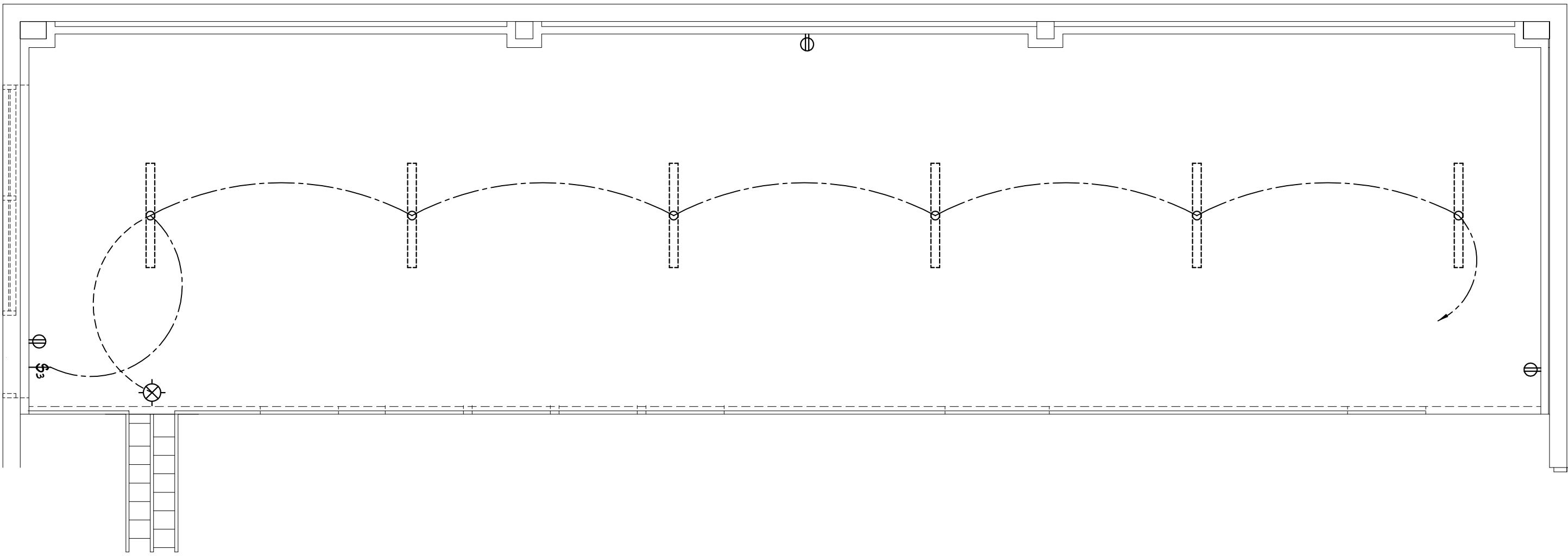
ALL RECEPTICALS IN SERVING AREA AND RESTROOMS SHALL  
ARC FAULT INTERRUPTER TYPE, EXCEPT DEDICATED OUTLETS

ALL EXTERIOR RECEPTICALS SHALL BE WEATHERPROOF  
GROUND FAULT INTERRUPTER TYPE (WPGFI).

ELECTRICAL CONTRACTOR SHALL PREPARE AS-BUILT T SHOP DUGS INDICATING ALL ELECTRICAL WORK INCLUDING ANY CHANGES TO THE ELEC. PLAN. ADDS TO THE ELEC. PLAN. RIGER DISCARD. AS-BUILT PANEL SCHEDULE W ALL CRTS IDENTIFIED W CRT #, DESCRIPTION I BKR SERVICE ENT ALL UNDERGROUND WIRE LOCATIONS/OUT/IN/DEPTH. RIGER DIA. SHALL INCLUDE WIRE SIZE/TYPE I EQUIPMENT TYPE W RATINGS I LOADS.

CONTRACTOR SHALL PROVIDE I COPY OF AS-BUILT DUGS TO OWNER I COPY TO THE PERMIT ISSUING AUTHORITY.





# STORAGE LOFT

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

PANEL 11: 225A - 1100/200V - 3P - 3W 10K AIC - FLUSH - 40 8.0T									
CIR. NO.	LOCATION	TRIP/ POLES	WIRE SIZE	LOAD	KA KU	MB KU	VC KU	LOAD	WIRE SIZE
1	CANOPY LITG	5A/1P	14TU	0.08	0.48	-	-	0.40	12TU
3	HALL LITG	"	"	0.01	-	0.19	-	0.12	12TU
5	OFFICE LITG	"	"	0.15	-	-	1.25	1.00	14TU
7	LOCKER ROOM LITG	"	"	0.15	2.35	-	-	1.40	8TU
9	STORAGE LITG	"	"	0.15	-	2.31	-	1.40	8TU
11	LOFT LITG/REC	20A/1P	12TU	0.80	-	1.51	0.12	0.12	12TU
13	GYM GYM REC	20A/1P	"	1.16	1.98	-	-	0.12	"
15	H-BAY LITG	20A/2P	"	0.80	-	1.10	0.12	0.12	"
17	STORAGE LITG/REC	"	"	0.80	-	-	1.10	0.12	"
19	STORAGE LITG/REC	5A/1P	14TU	0.43	1.15	-	0.12	0.12	14TU
21	"	"	"	0.54	-	0.04	0.12	0.12	6TU
23	"	"	"	0.54	-	-	0.54	0.54	"
25	"	"	"	0.54	-	-	0.54	0.54	"
27	LF9 AREA LITG	20A/2P	12TU	0.14	1.44	-	0.30	0.16	12TU
29	"	30A/2P	10TU	0.14	-	-	0.30	0.16	12TU
31	OFFICE CU	"	"	1.33	5.40	-	-	5.40	6TU
33	"	"	"	(1.33)	-	1.40	-	1.40	6TU
35	SPRINK	"	"	0.54	-	1.08	-	1.08	6TU
37	PUMP N/1	60A/3P	6TU	5.40	-	10.80	-	5.40	6TU
39	"	"	"	5.40	-	10.80	-	5.40	"
41	"	"	"	5.40	-	10.80	-	5.40	"
43	"	"	"	5.40	-	10.80	-	5.40	"
45	"	"	"	5.40	-	10.80	-	5.40	"
47	"	"	"	5.40	-	10.80	-	5.40	"
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63	"	"	"	5.40	-	10.80	-	5.40	"
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73	"	"	"	5.40	-	10.80	-	5.40	"
75	"	"	"	5.40	-	10.80	-	5.40	"
77	"	"	"	5.40	-	10.80	-	5.40	"
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