

PROPOSED NEW BUILDING
FOR:

ZAPPA SPORTS
White Bear Township

HIGHWAY 61
55110

CODE REVIEW (IBC 2000)

USE AND OCCUPANCY CLASSIFICATION	MIXED OCCUPANCY
RETAIL GROUP M	RETAIL GROUP M
MANUFACTURING GROUP F-1	MANUFACTURING GROUP F-1
OFFICE GROUP B	OFFICE GROUP B
STORAGE GROUP S-1	STORAGE GROUP S-1
RECREATIONAL GROUP A-3	RECREATIONAL GROUP A-3

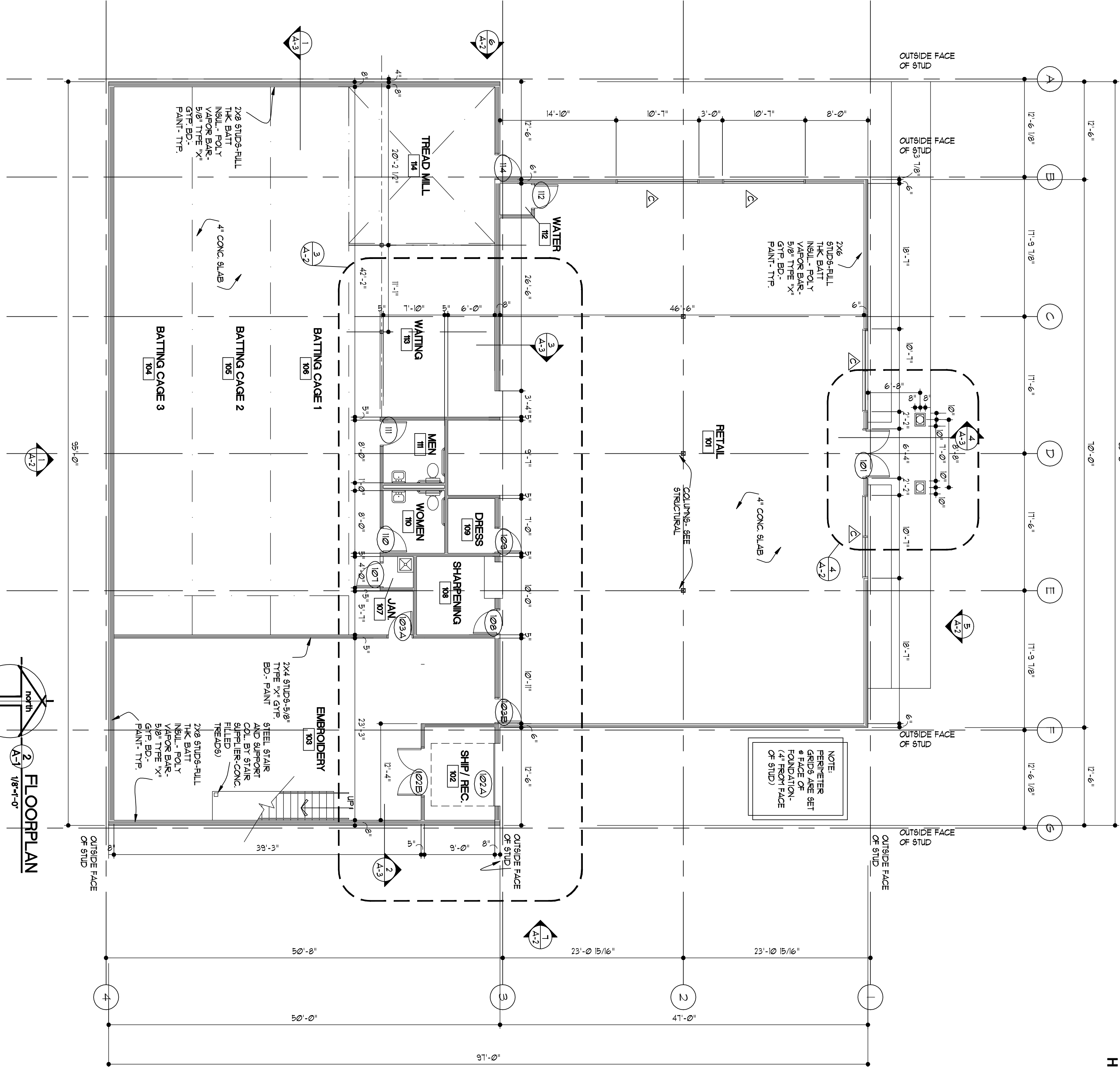
TYPE OF CONSTRUCTION (TABLE 503)	TYPE VB (WITH AUTOMATIC SPRINKLER SYSTEM)
MAX. HEIGHT	55 FEET + 20 FEET FOR SPRINKLER = 75 FEET
MAX. AREA/FLOOR	9,500 S.F. + 200K FOR SPRINKLER = 28,500 S.F.
ACTUAL HEIGHT	23.5 FEET
ACTUAL AREA	8,100 S.F. FIRST FLOOR 1,862 S.F. SECOND FLOOR

* ALLOWABLE AREAS COMPUTED USING
A-3 AS MOST RESTRICTIVE - NON
SEPARATED USES I.B.C. SEC. 302.3.2

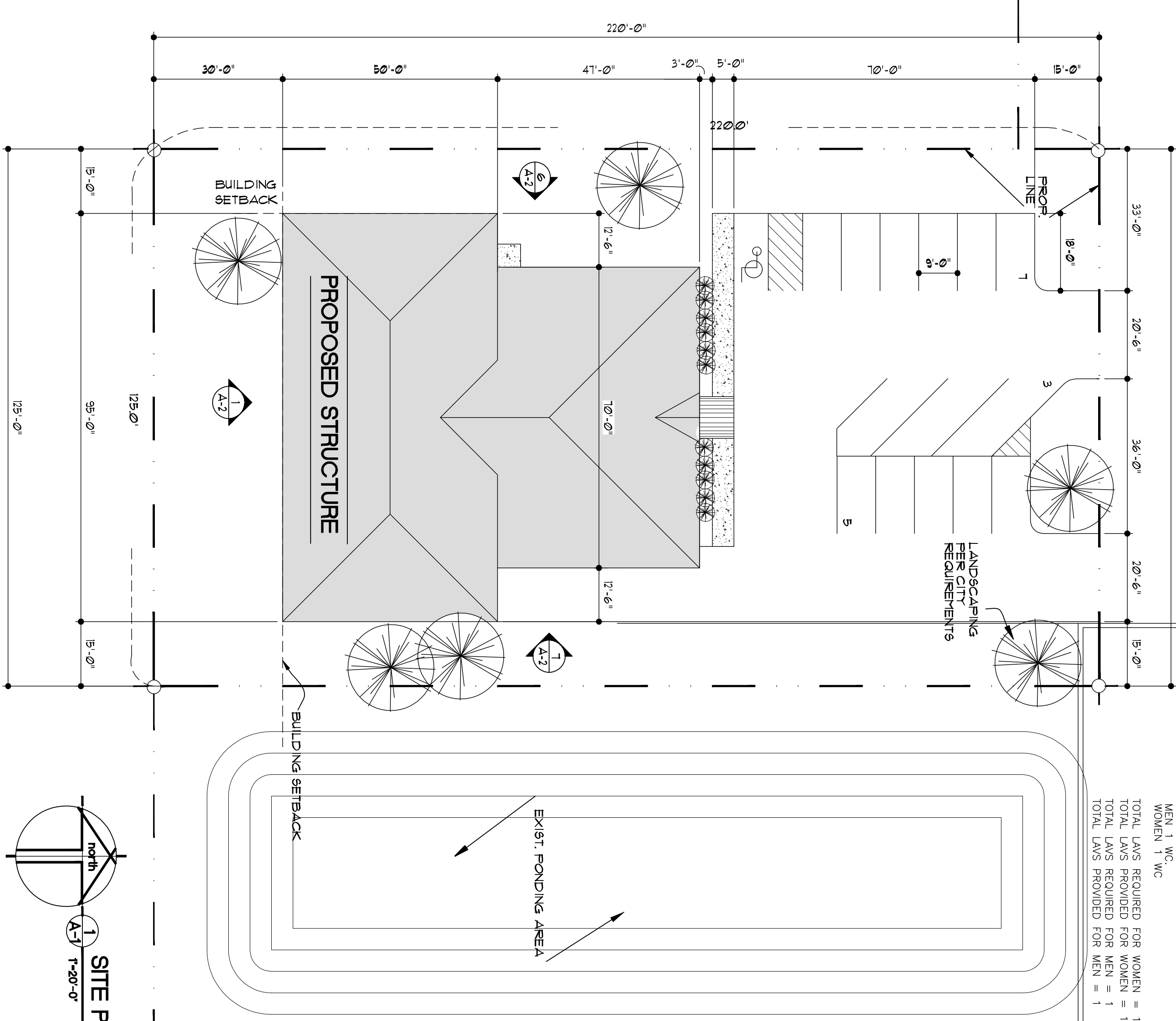
OCCUPANT LOAD		
GROUP M	3900 S.F. / 30 S.F.	= 110 OCC.
GROUP F-1	2050 S.F. / 200 S.F.	= 10 OCC.
GROUP B	400 S.F. / 100 S.F.	= 4 OCC.
GROUP S-1	783 S.F. / 300 S.F.	= 3 OCC.
GROUP A-3	3630 S.F. / 50 S.F.	= 73 OCC.
		200 OCC.

PLUMBING - FIXTURE CALCULATION

M	MERCANTILE	110 OCCUPANTS	REQUIRED WC
55 MEN	1 PER 500 OCCS		.11
55 WOMEN	1 PER 500 OCCS		.11
F-1	MANUFACTURING	10 OCCUPANTS	
	WC RATIO		REQUIRED WC
5 MEN	1 PER 100 OCCS		.05
5 WOMEN	1 PER 100 OCCS		.05
B	OFFICE	2 OCCUPANTS	
	WC RATIO		REQUIRED WC
1 MEN	1 PER 50 OCCS		.02
1 WOMEN	1 PER 50 OCCS		.02
S-1	STORAGE	3 OCCUPANTS	
	WC RATIO		REQUIRED WC
2 MEN	1 PER 100 OCCS		.02
2 WOMEN	1 PER 100 OCCS		.02
A-3	RECREATIONAL	73 OCCUPANTS	
	WC RATIO		REQUIRED WC
37 MEN	1 PER 125 OCCS		.29
37 WOMEN	1 PER 65 OCCS		.56
	TOTAL WC REQUIRED =	1.25 (1 WC) PER SEX	
	WC PROVIDED		
	MEN 1 WC		
	WOMEN 1 WC		
	TOTAL LAWS REQUIRED FOR WOMEN =	1	
	TOTAL LAWS PROVIDED FOR WOMEN =	1	
	TOTAL LAWS REQUIRED FOR MEN =	1	
	TOTAL LAWS PROVIDED FOR MEN =	1	

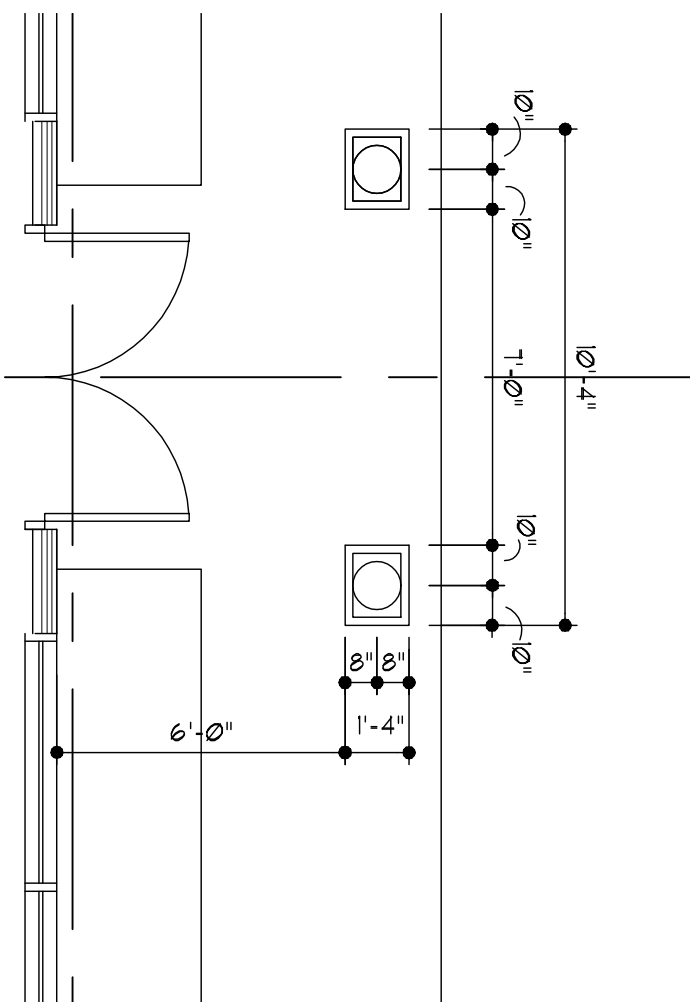


FLOORPLAN

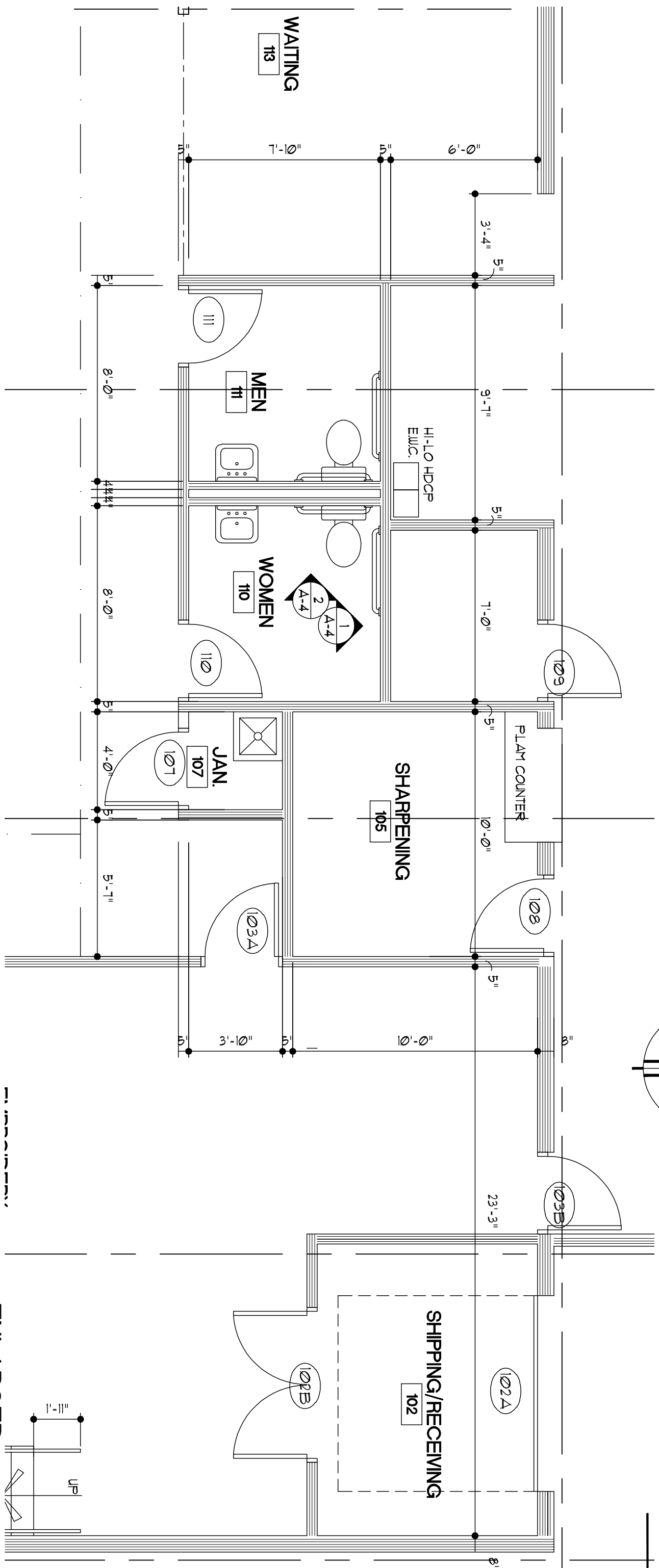


SITE PLAN

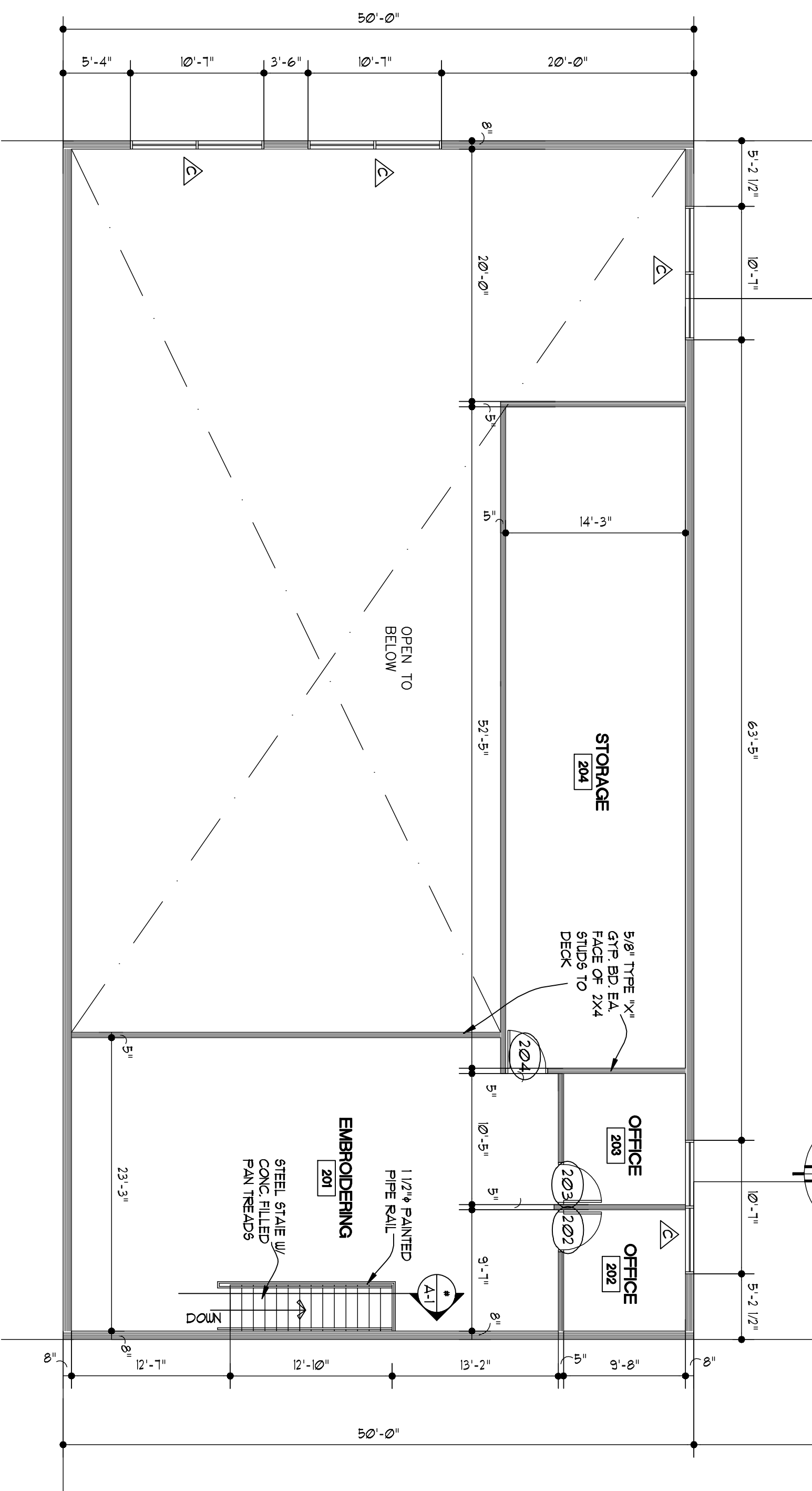
Revisions	No.	Date	No.	Date



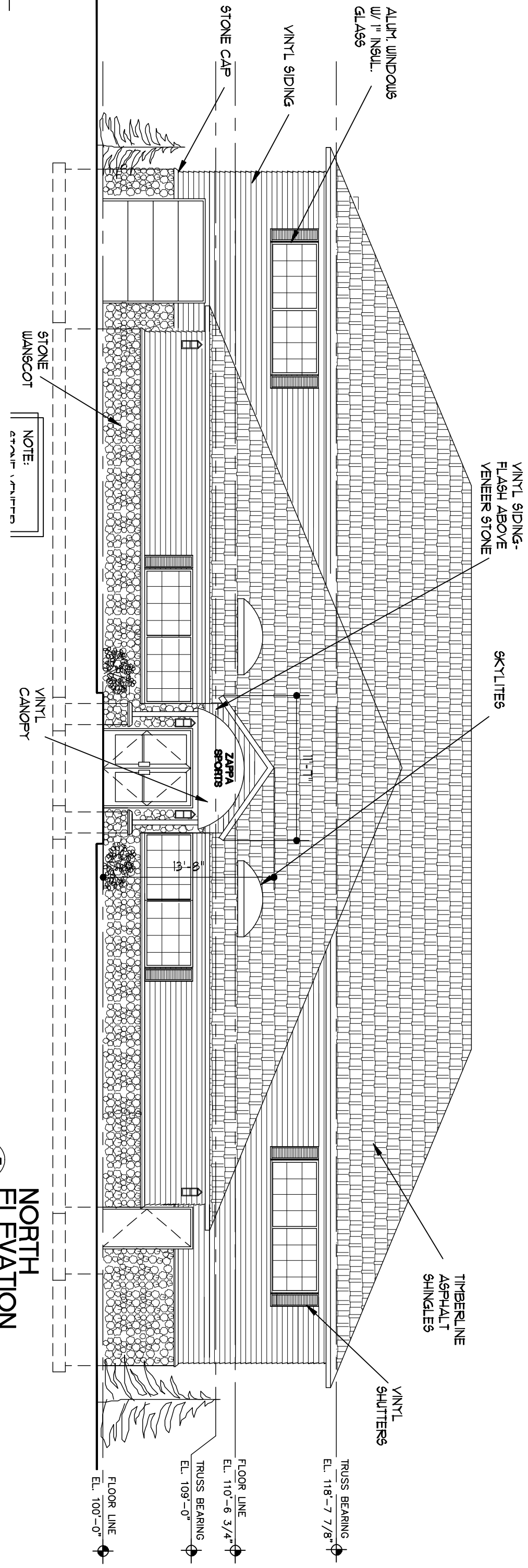
PARTIAL FLOORPLAN
A-2 1/4" = 1'-0"



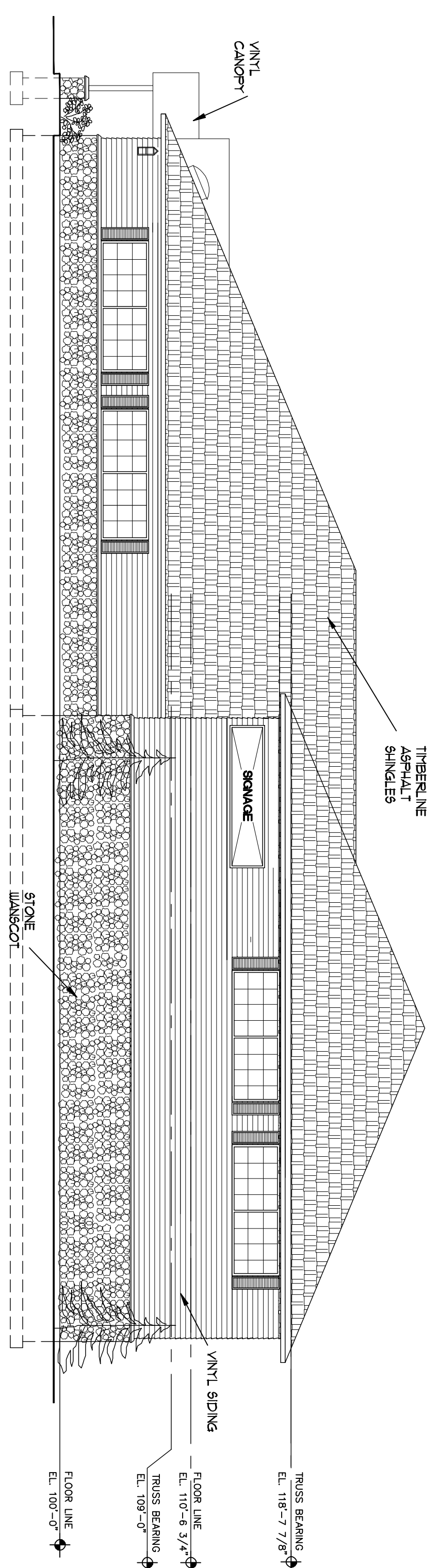
ENLARGED FLOORPLAN
A-2 1/4" = 1'-0"



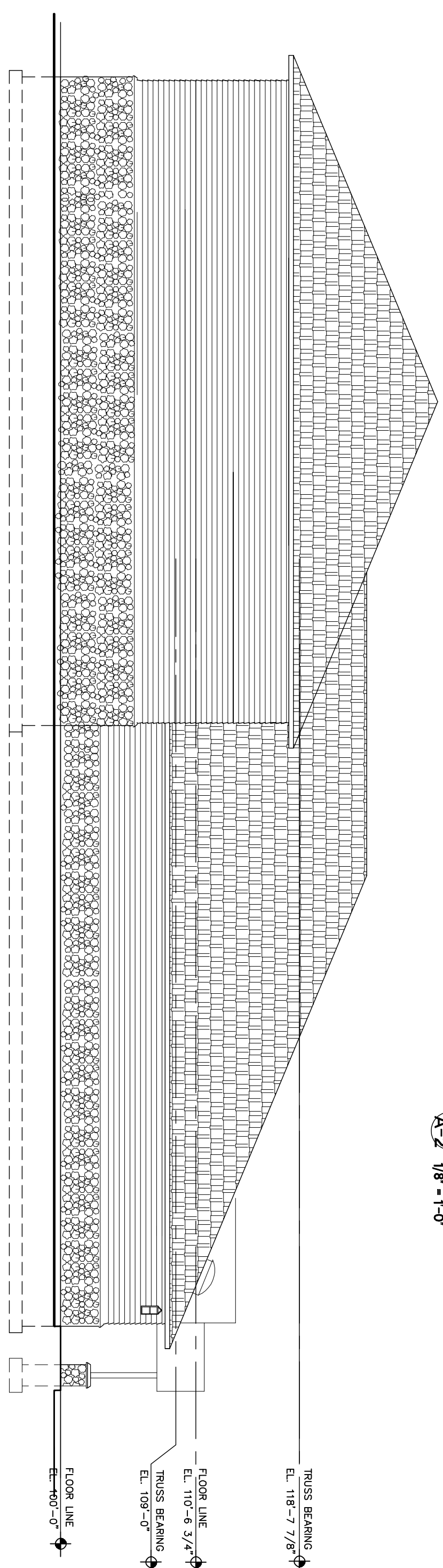
SECOND FLOORPLAN
A-2 1/8" = 1'-0"



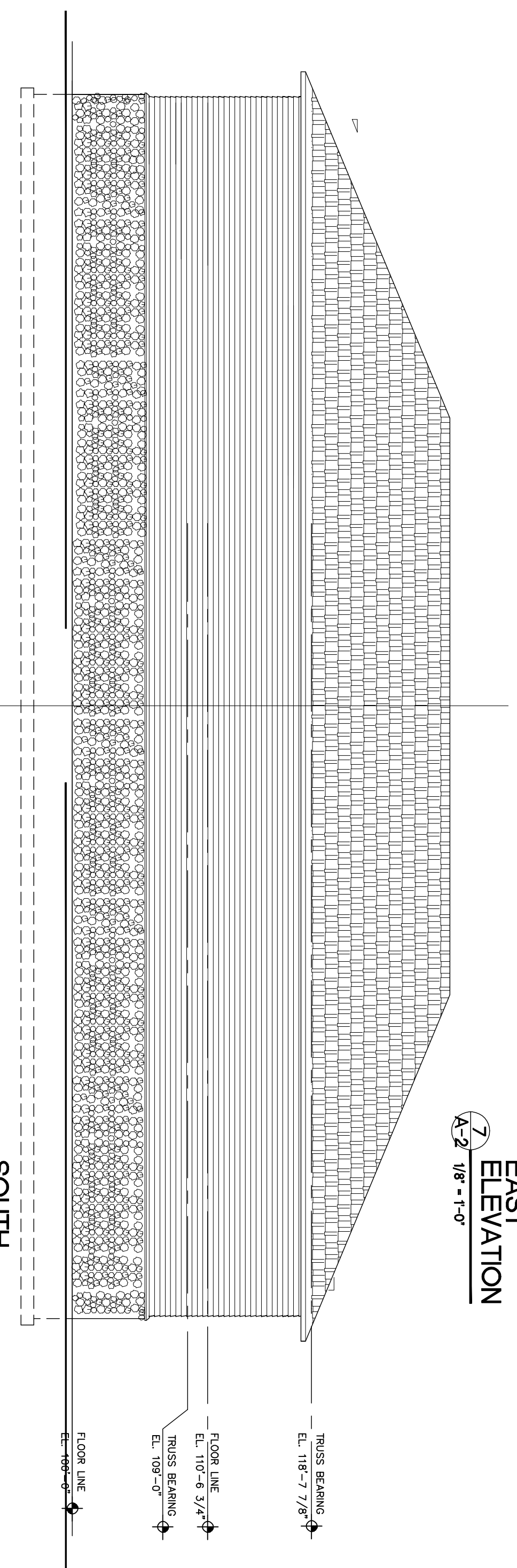
NORTH ELEVATION
A-2 1/8" = 1'-0"



WEST ELEVATION
A-2 1/8" = 1'-0"



EAST ELEVATION
A-2 1/8" = 1'-0"



SOUTH ELEVATION
A-2 1/8" = 1'-0"

Revisions			
No.	Date	No.	Date

Date: 4-12-05
Comm. No.: 012.05
Drawn By: HWP
Checked By: H.V.P.

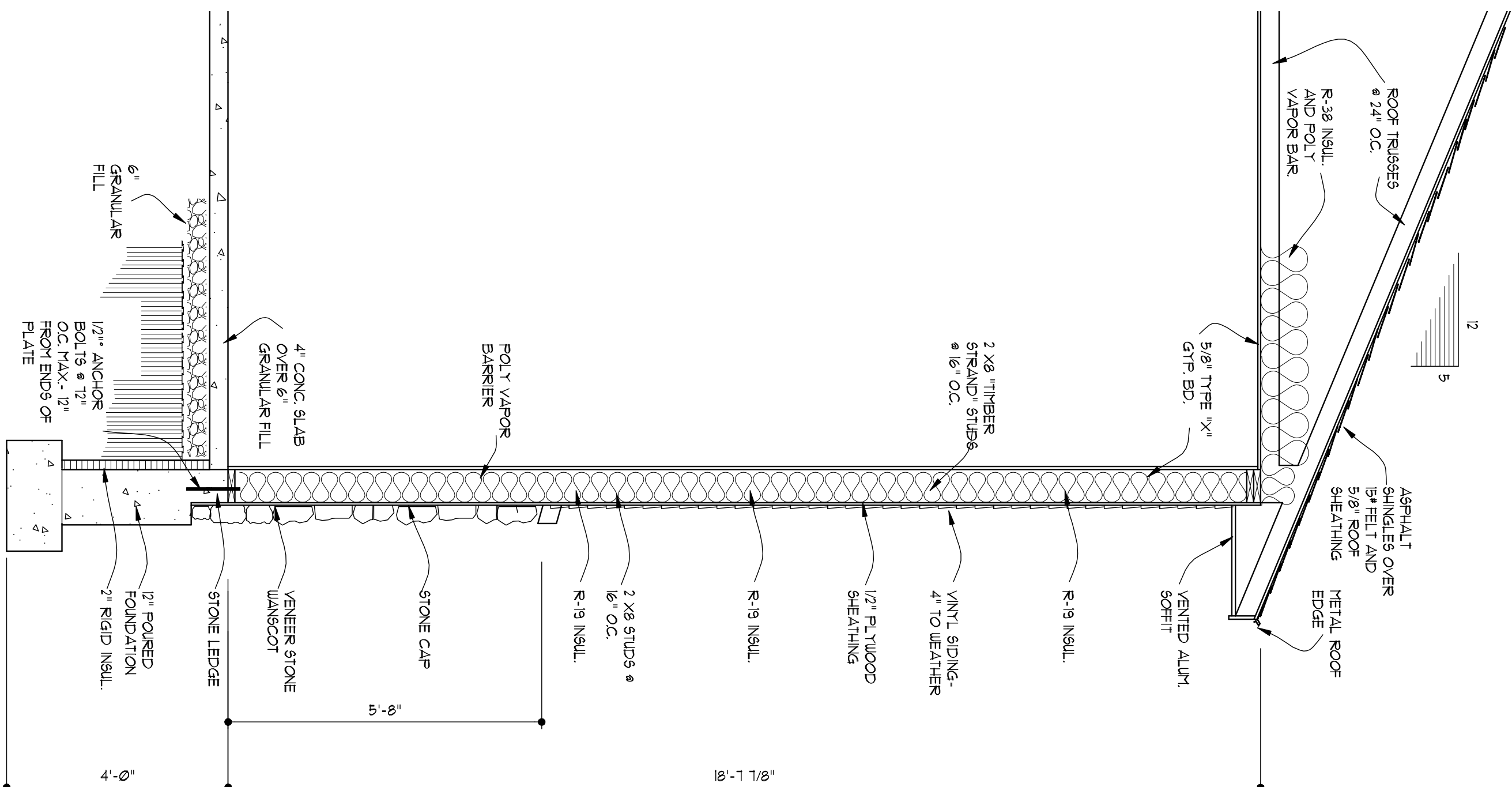
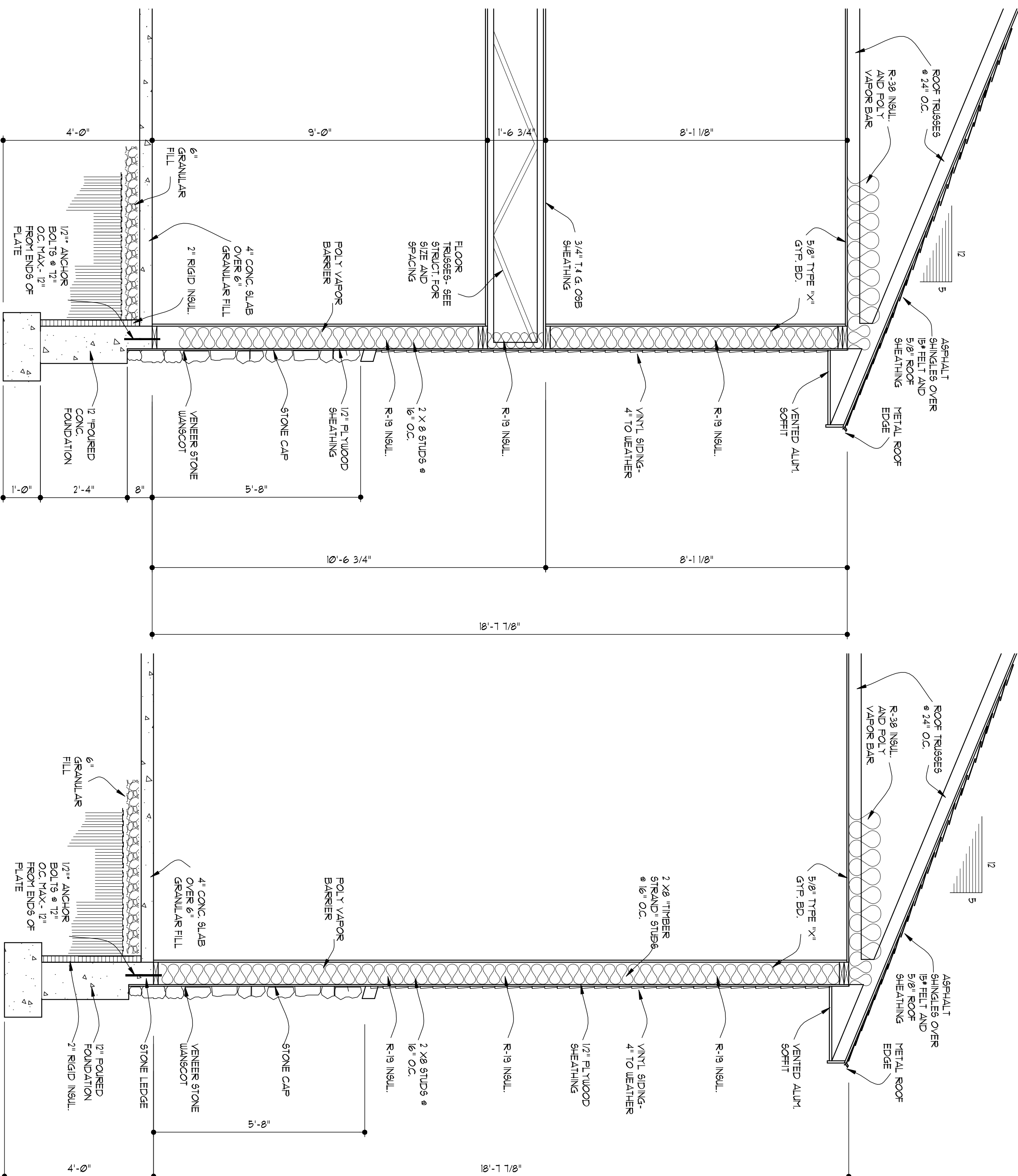
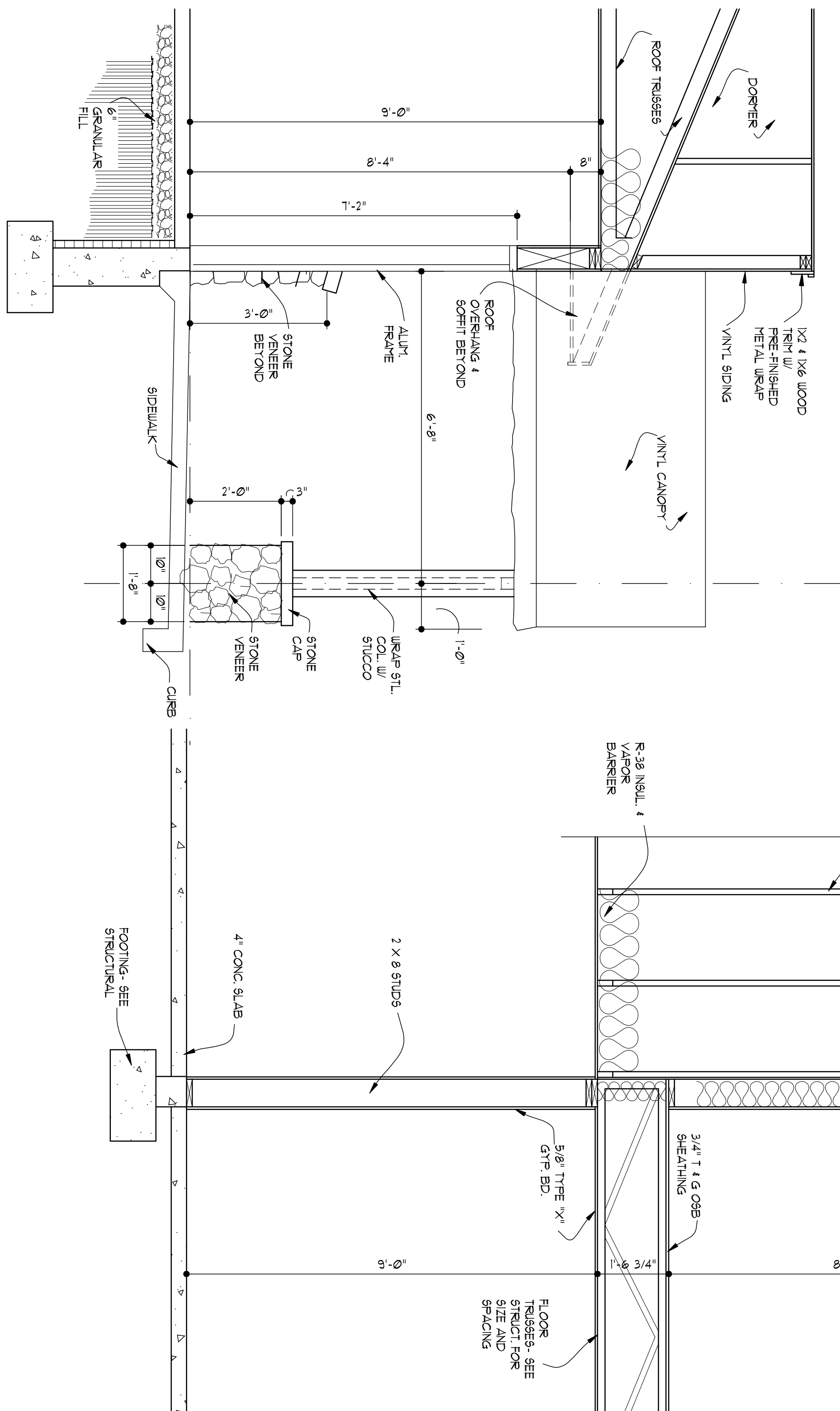
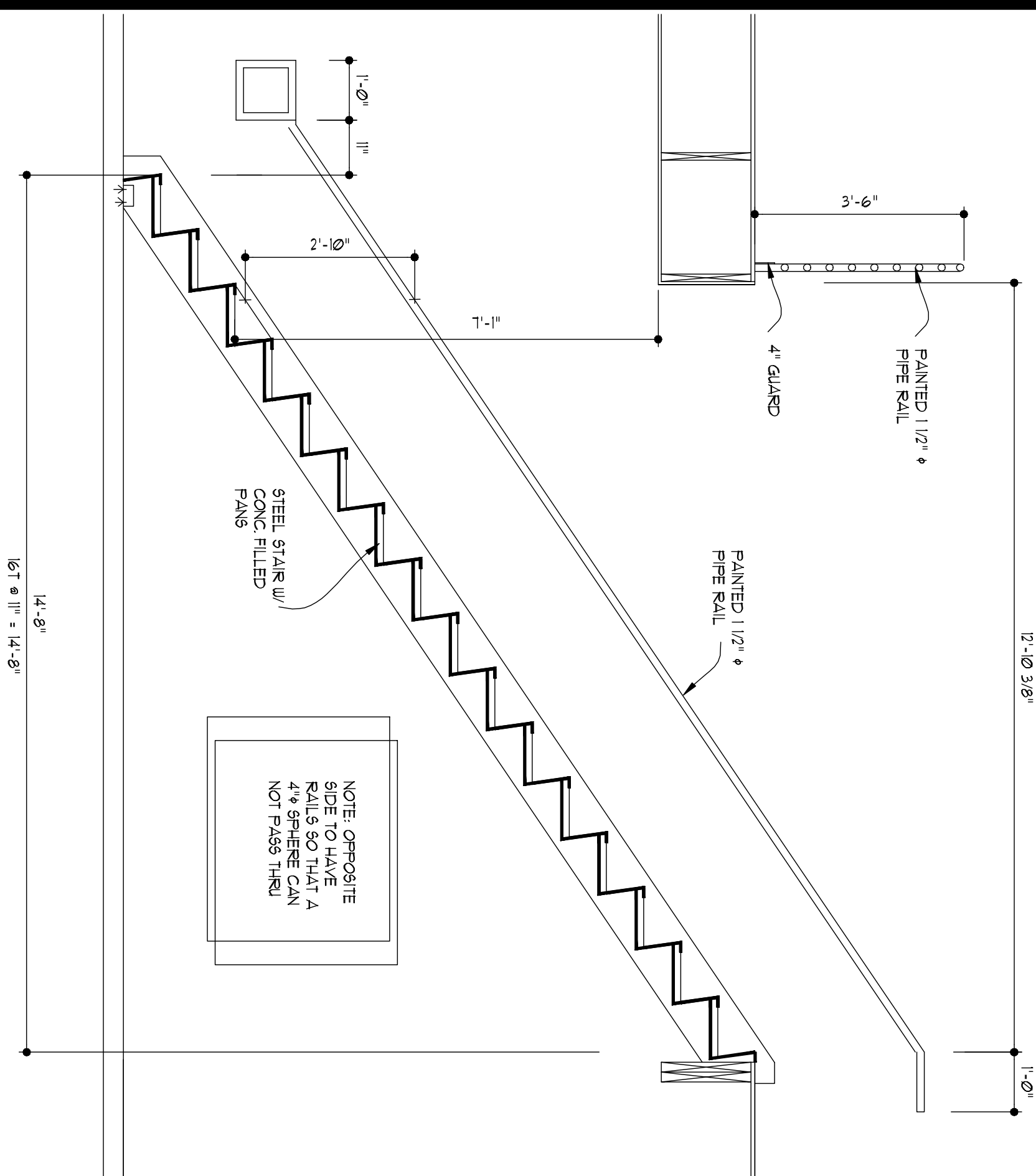
I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duly Registered Architect under the laws of the State of MINNESOTA.
Date: 4-12-05 Reg. No.: 25373

PROPOSED
NEW STRUCTURE
ZAPPA SPORTS
White Bear Township

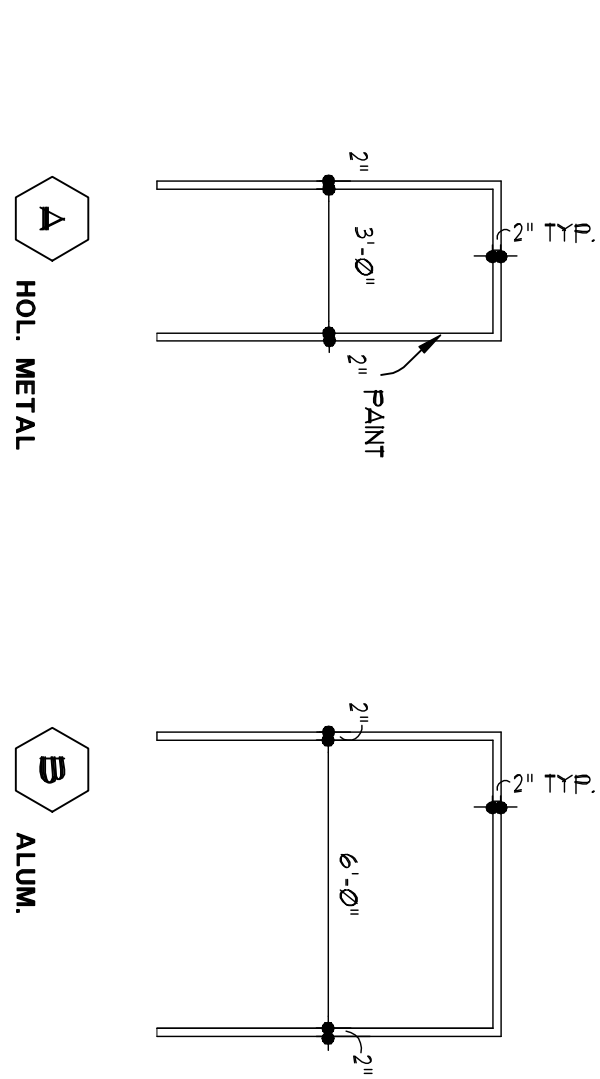
RLP

ARCHITECTS INC.

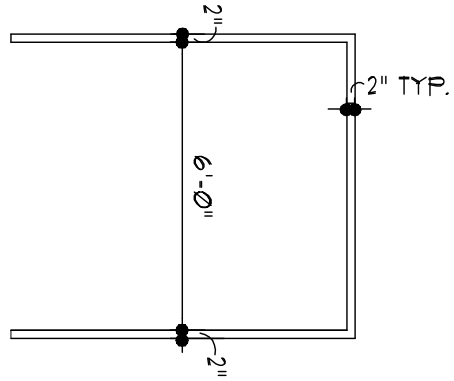
2443 Farrington Circle-Roseville-Minnesota
Phone: (651) 631-3767 • Fax: (651) 484-3373



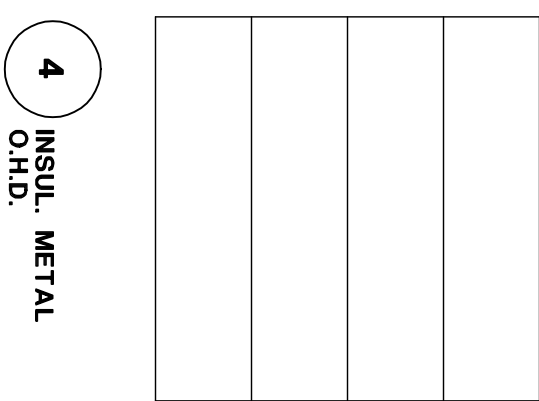
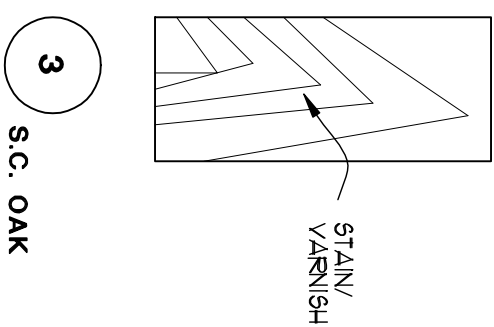
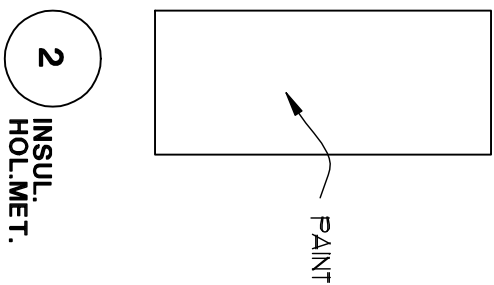
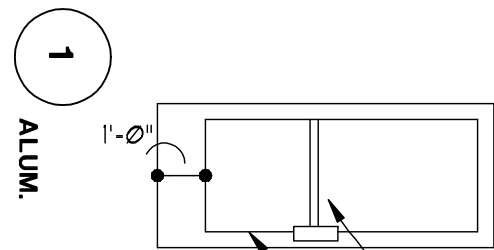
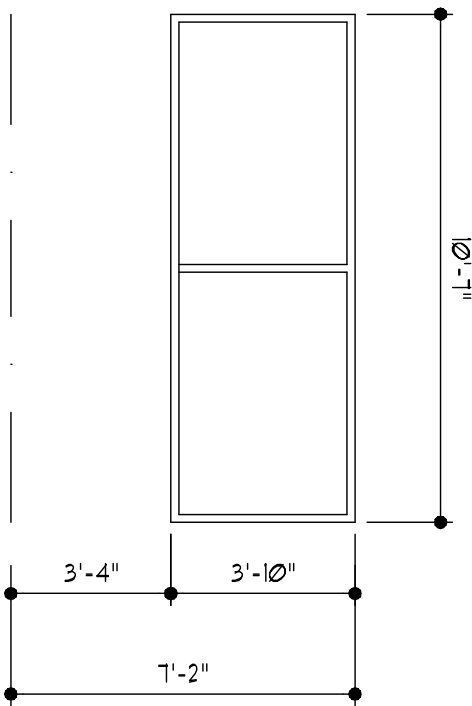
frame types



A
HOL. METAL



B
ALUM.

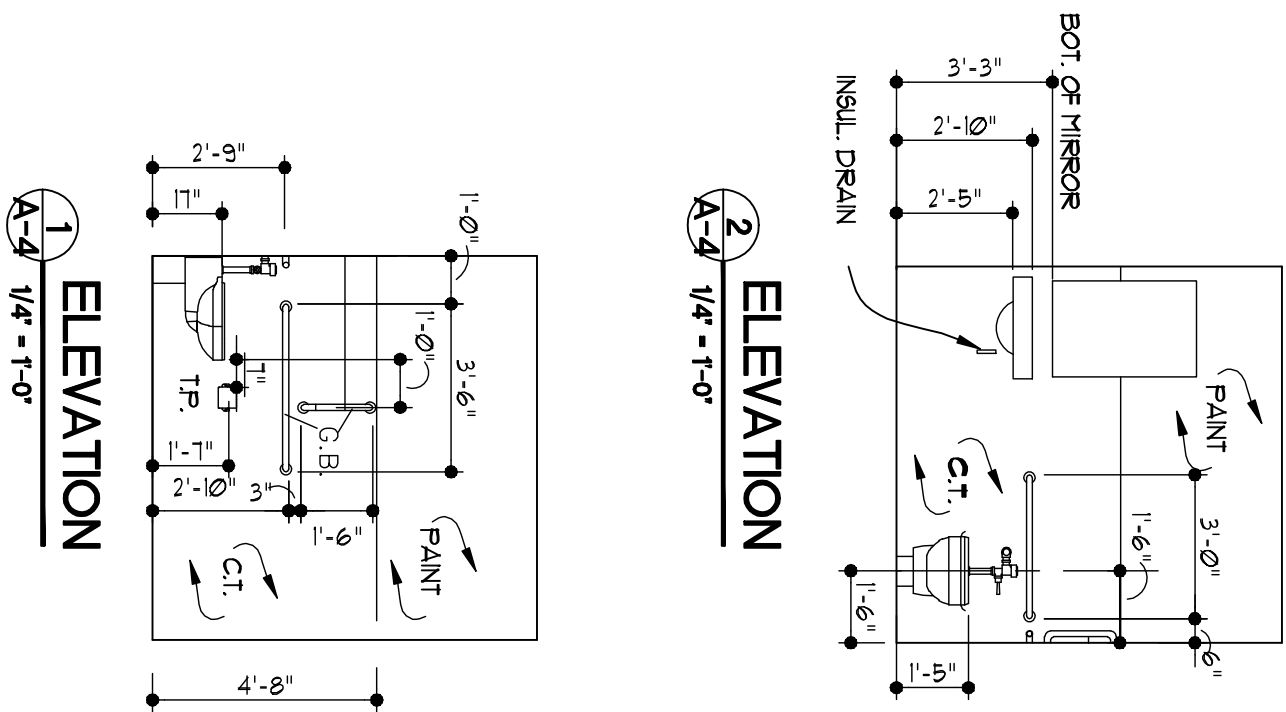


door types

door schedule

no.	location	thick	width	height	dr. type	fr. type	lintel	remarks
101	RETAIL	1 3/4"	3'-0"	7'-0"	1	B	WOOD	
102A	SHIPPING/RECEIVING	1 3/4"	3'-0"	8'-0"	4		WOOD	
102B	SHIPPING/RECEIVING	1 3/4"	3'-0"	7'-0"	3	A	WOOD	
103A	STORAGE	1 3/4"	3'-0"	7'-0"	3	A	WOOD	
103B	STORAGE	1 3/4"	3'-0"	7'-0"	3	A	WOOD	
107	JANITOR	1 3/4"	3'-0"	7'-0"	3	A	WOOD	
108	SHARPENING	1 3/4"	3'-0"	7'-0"	3	A	WOOD	
109	DRESSING ROOM	1 3/4"	3'-0"	7'-0"	3	A	WOOD	
110	WOMEN	1 3/4"	3'-0"	7'-0"	3	A	WOOD	
111	MEN	1 3/4"	3'-0"	7'-0"	3	A	WOOD	
112	WATER ROOM	1 3/4"	3'-0"	7'-0"	3	A	WOOD	
114	TREADMILL	1 3/4"	3'-0"	7'-0"	2	A	WOOD	
202	OFFICE	1 3/4"	3'-0"	7'-0"	3	A	WOOD	
203	OFFICE	1 3/4"	3'-0"	7'-0"	3	A	WOOD	
204	STORAGE	1 3/4"	3'-0"	7'-0"	3	A	WOOD	

NOTE: ALL DOORS TO RECEIVE ADA APPROVED LEVER HARDWARE.



1
ELEVATION
A-D 1/4" = 1'-0"

room finish schedule

no.	name	floor	base	walls				ceiling	height	remarks
101	RETAIL	CARPET	VINYL	PAINT	PAINT	PAINT	PAINT	GYPBD./PT.	9'-0"	
102	SHIPPING/RECEIVING	SEALED CONC.	VINYL	PAINT	PAINT	PAINT	PAINT	GYPBD./PT.	VARIABLES	
103	STORAGE	SEALED CONC.	VINYL	PAINT	PAINT	PAINT	PAINT	GYPBD./PT.	9'-0"	
104	BATTING CAGE 3	SEALED CONC.	VINYL	PAINT	PAINT	PAINT	PAINT	GYPBD./PT.	10'-0"	
105	BATTING CAGE 2	SEALED CONC.	VINYL	PAINT	PAINT	PAINT	PAINT	GYPBD./PT.	10'-0"	
106	BATTING CAGE 1	SEALED CONC.	VINYL	PAINT	PAINT	PAINT	PAINT	GYPBD./PT.	9'-0"	
107	JANITOR	SEALED CONC.	VINYL	PAINT	PAINT	PAINT	PAINT	GYPBD./PT.	9'-0"	
108	SHARPENING	CARPET	VINYL	PAINT	PAINT	PAINT	PAINT	GYPBD./PT.	9'-0"	
109	DRESSING ROOM	CARPET	VINYL	PAINT	PAINT	PAINT	PAINT	GYPBD./PT.	9'-0"	
110	WOMEN	C.T.	C.T.	C.T./PAINT	C.T./PAINT	C.T./PAINT	C.T./PAINT	GYPBD./PT.	9'-0"	4'-8" C.T. WAINSCOT
111	MEN	C.T.	C.T.	C.T./PAINT	C.T./PAINT	C.T./PAINT	C.T./PAINT	GYPBD./PT.	9'-0"	4'-8" C.T. WAINSCOT
112	WATER ROOM	SEALED CONC.	VINYL	PAINT	PAINT	PAINT	PAINT	GYPBD./PT.	9'-0"	
113	WAITING	SEALED CONC.	VINYL	PAINT	PAINT	PAINT	PAINT	GYPBD./PT.	10'-0"	
114	TREAD MILL	SEALED CONC.	VINYL	PAINT	PAINT	PAINT	PAINT	GYPBD./PT.	10'-0"	
201	HYPEROIDEERING	CARPET	VINYL	PAINT	PAINT	PAINT	PAINT	GYPBD./PT.	8'-0"	
202	OFFICE	CARPET	VINYL	PAINT	PAINT	PAINT	PAINT	GYPBD./PT.	8'-0"	
203	OFFICE	CARPET	VINYL	PAINT	PAINT	PAINT	PAINT	GYPBD./PT.	8'-0"	
204	STORAGE		VINYL	PAINT	PAINT	PAINT	PAINT	GYPBD./PT.	8'-0"	