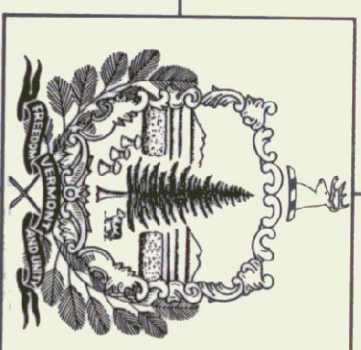


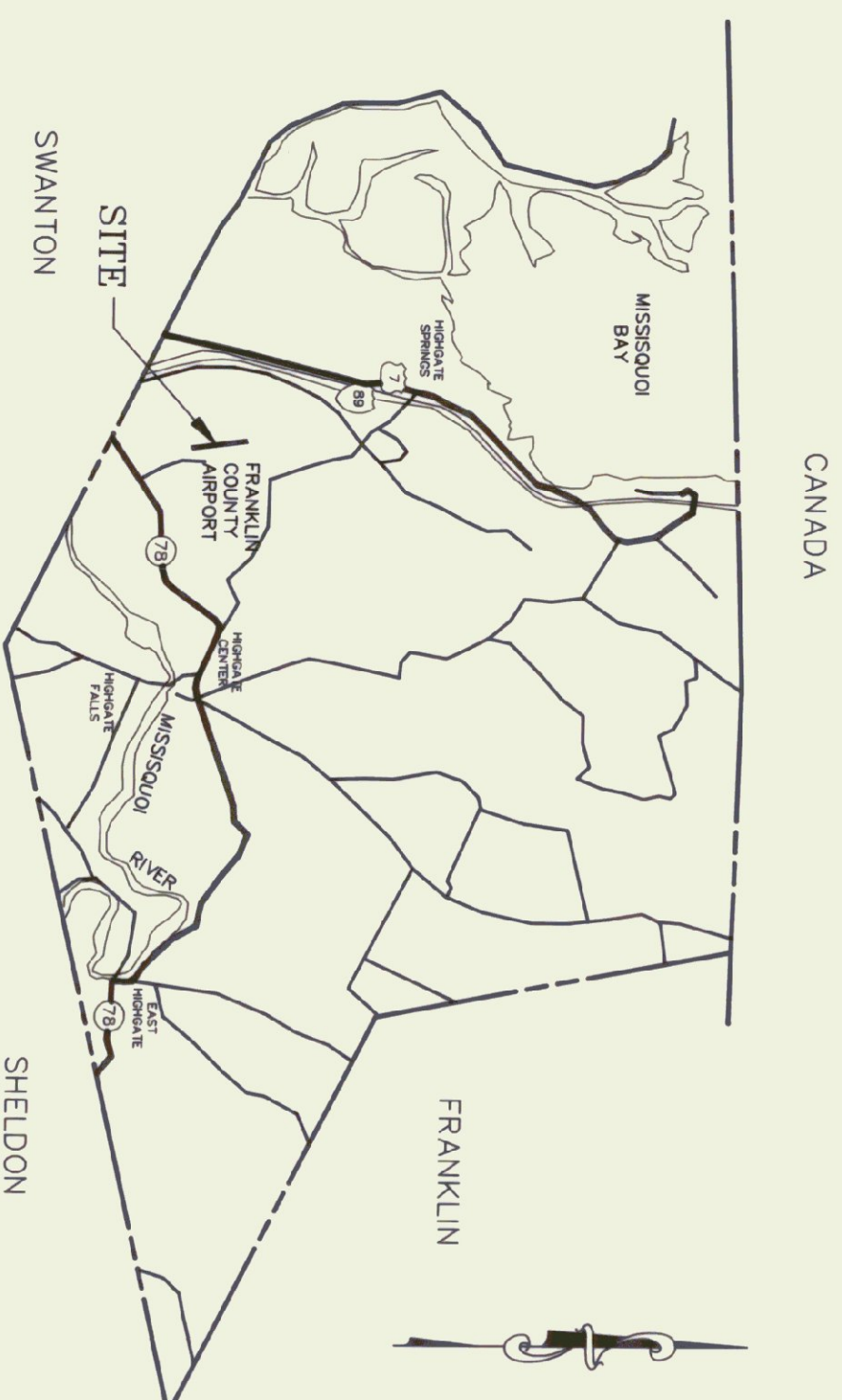
STATE OF VERMONT  
AGENCY OF TRANSPORTATION  
PATRICK J. GARAHAN, SECRETARY



STATE OF VERMONT  
DEPARTMENT OF STATE BUILDINGS  
JOHN J. ZAMPIERI, COMMISSIONER

# NEW AIRPORT HANGAR FRANKLIN COUNTY AIRPORT HIGHGATE, VERMONT PROJECT NO. AIR 03 2074

## LOCATION MAP



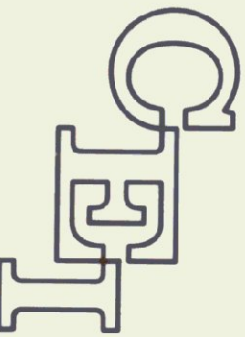
## INDEX

A1	FLOOR PLANS & ELEVATIONS
A2	DOORS, WINDOWS, AND DETAILS
S1	FOUNDATION PLAN AND DETAILS
S2	ROOF FRAMING PLAN & DETAILS
S3	FOUNDATION SECTIONS & DETAILS
DP1	EXISTING FOUNDATION DEMOLITION
DP2	EXISTING FRAMING DEMOLITION
E/M1	MECHANICAL, ELECTRICAL DETAILS

## ARCHITECTS

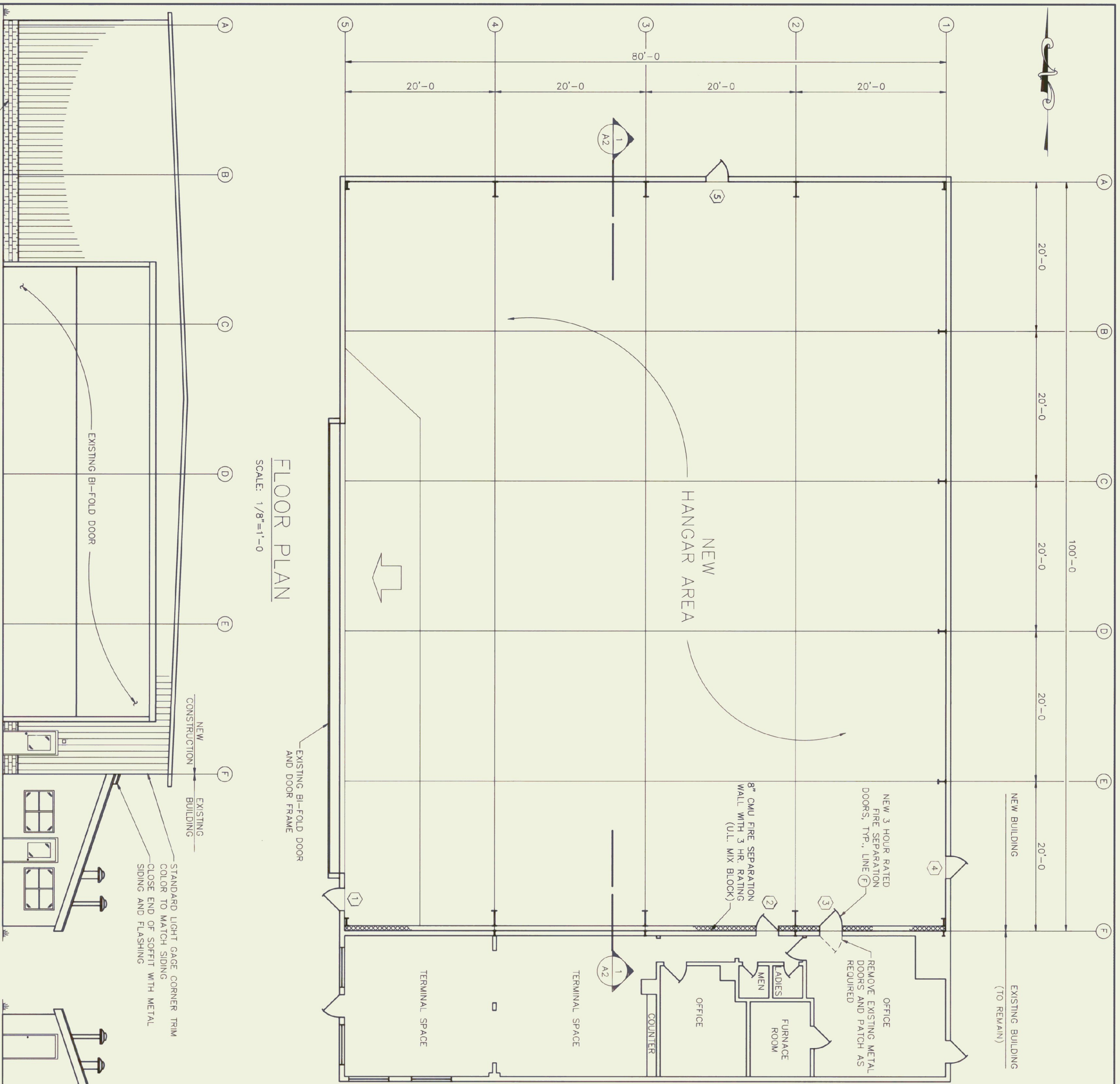
GOSSSENS BACHMAN  
18 LANGDON STREET  
MONTPELIER, VERMONT 05602

## CIVIL/STRUCTURAL ENGINEERS

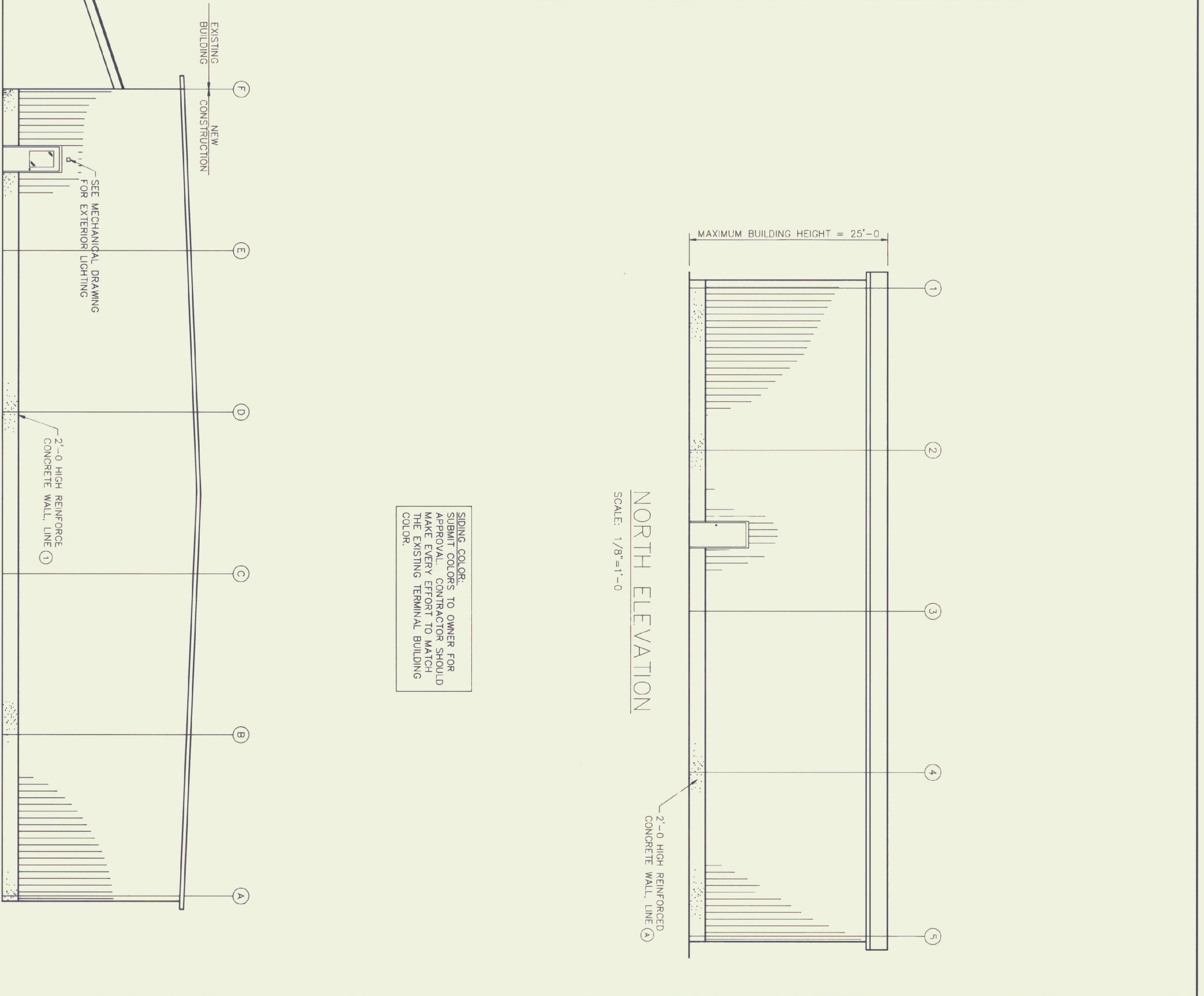
 CHENETTE ENGINEERING, INC.  
50 STATE STREET  
MONTPELIER, VERMONT 05602

## ELECTRICAL ENGINEERING

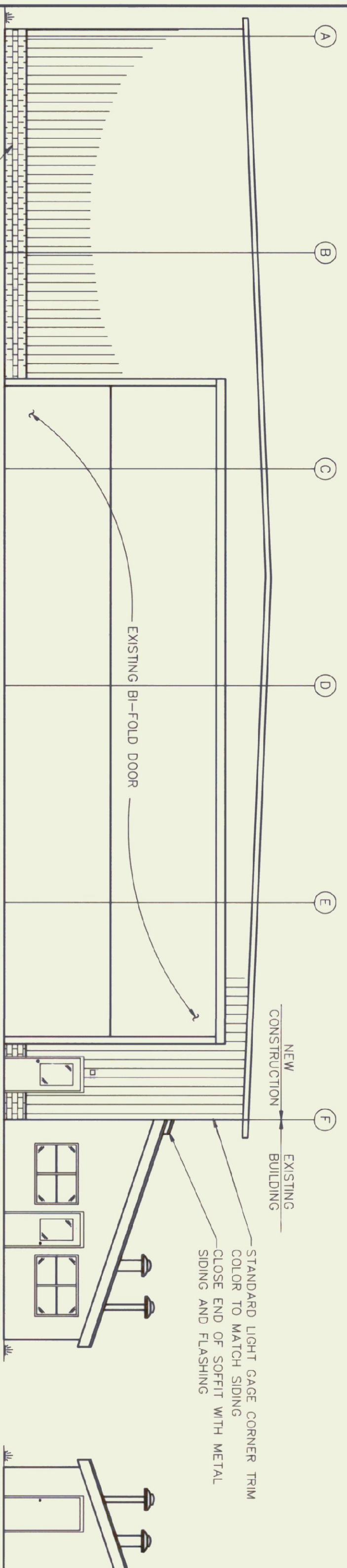
PEARSON ASSOCIATES  
P. O. BOX 610  
STOWE, VERMONT 05672



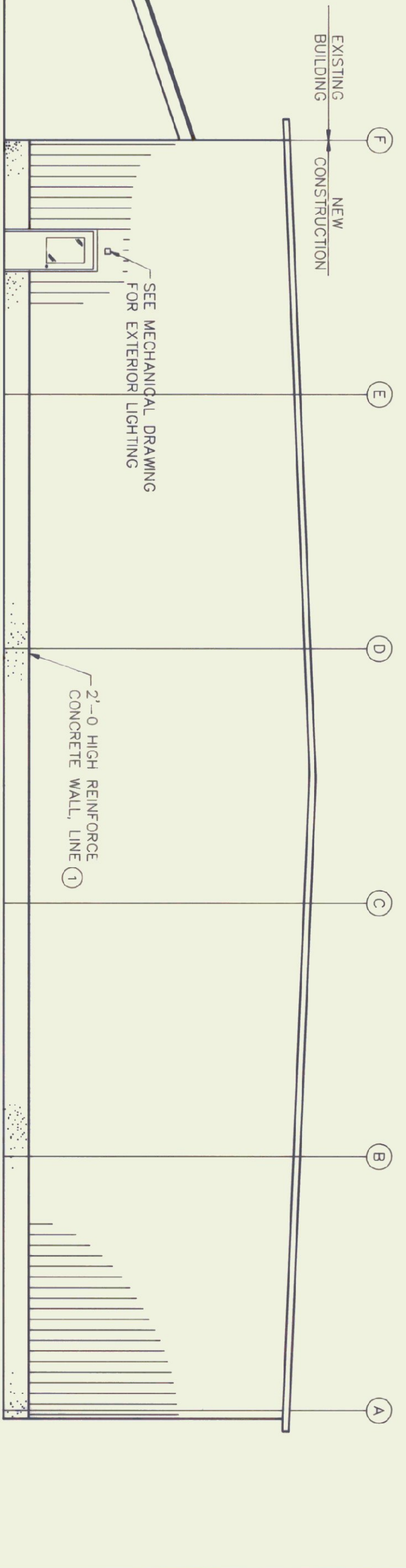
FLOOR PLAN  
SCALE: 1/8"=1'-0"



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

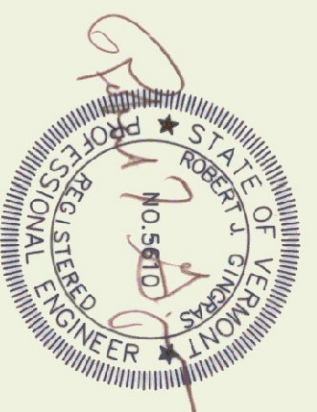


WEST ELEVATION  
SCALE: 1/8"=1'-0"



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

SIDING COLOR:  
SUBMIT COLORS TO OWNER FOR  
APPROVAL. CONTRACTOR SHOULD  
MAKE EVERY EFFORT TO MATCH  
THE EXISTING TERMINAL BUILDING  
COLOR.

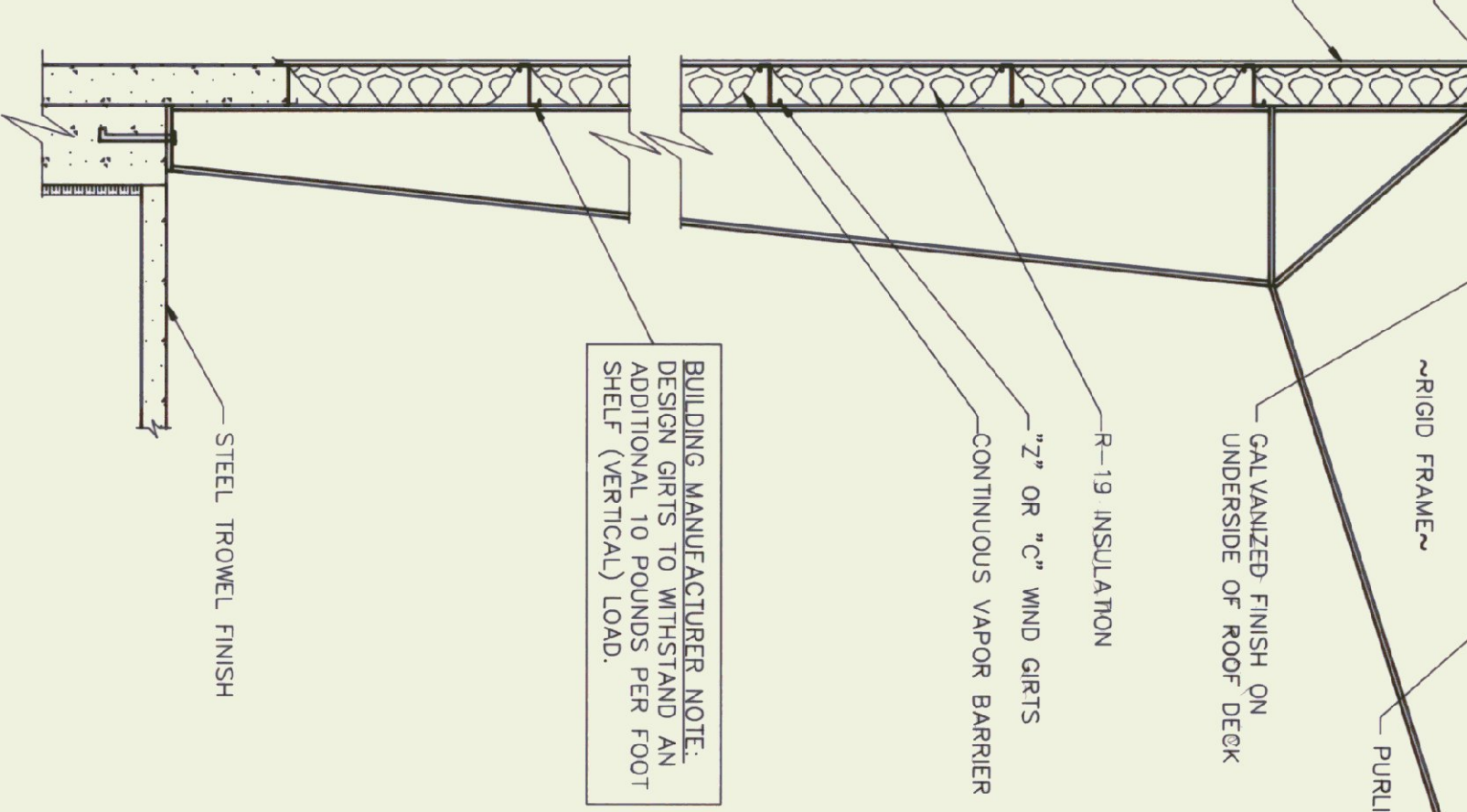
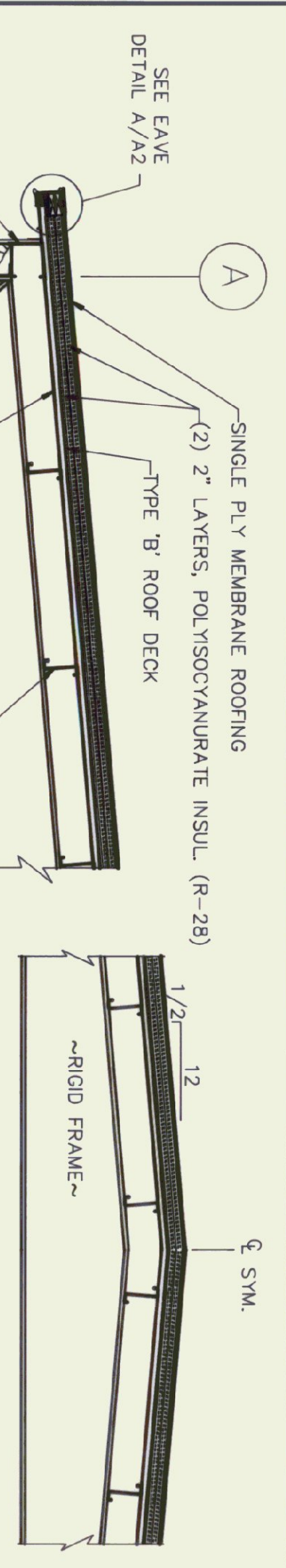


Rev No	Date	Description	Made By	Checked By	App'd By

**NEW AIRPORT HANGAR  
FRANKLIN COUNTY AIRPORT  
FLOOR PLAN  
PROJECT NO. AIR 03 2014**

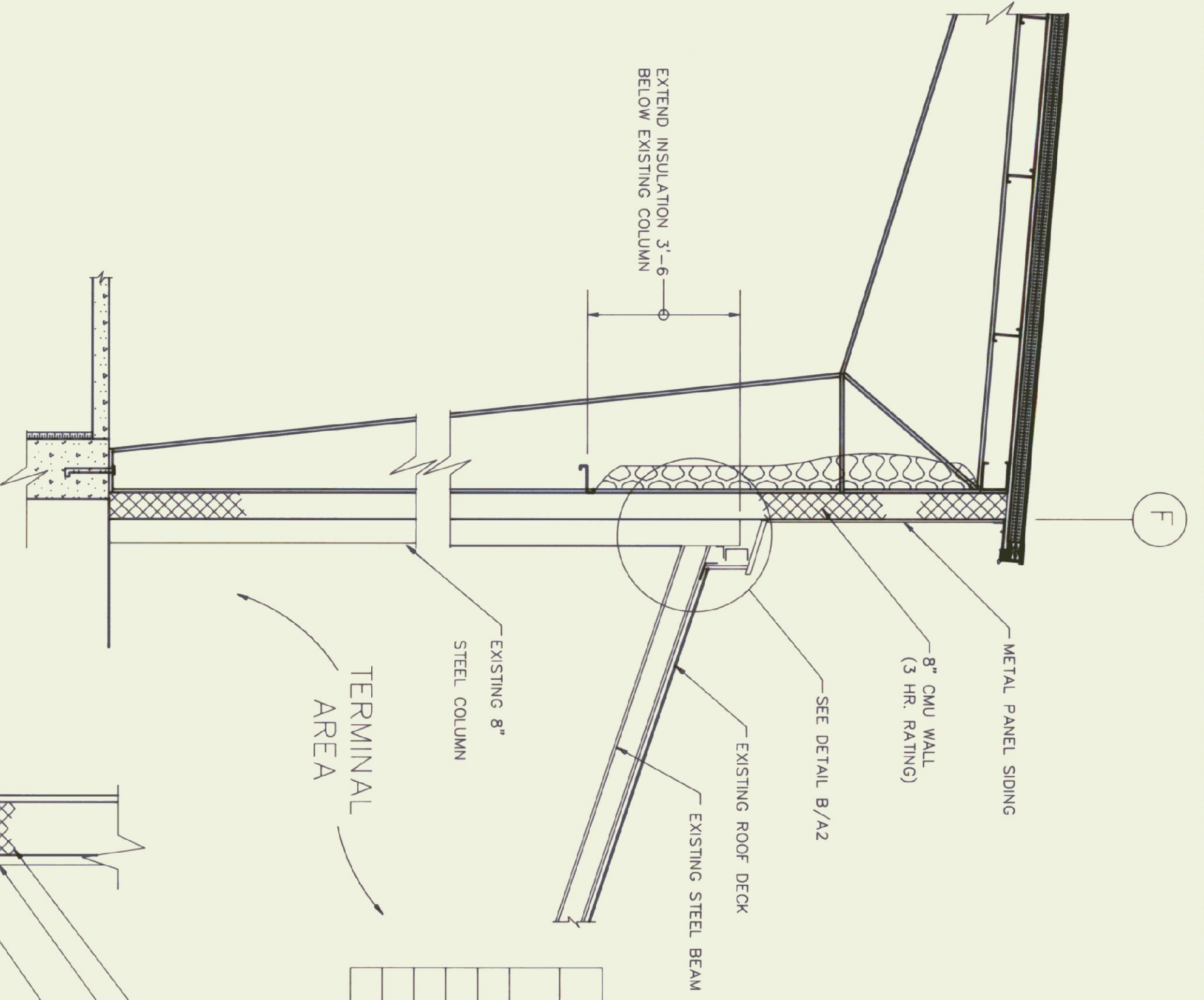
CHENETTE ENGINEERING, INC.  
50 STATE STREET  
MONTPELIER, VERMONT 05602

Scale AS NOTED  
Sheet of  
Des. By RJC  
Dwn. By DDH  
Chk. By MAC  
Date MAY 1992  
Dwg. 22-002-4

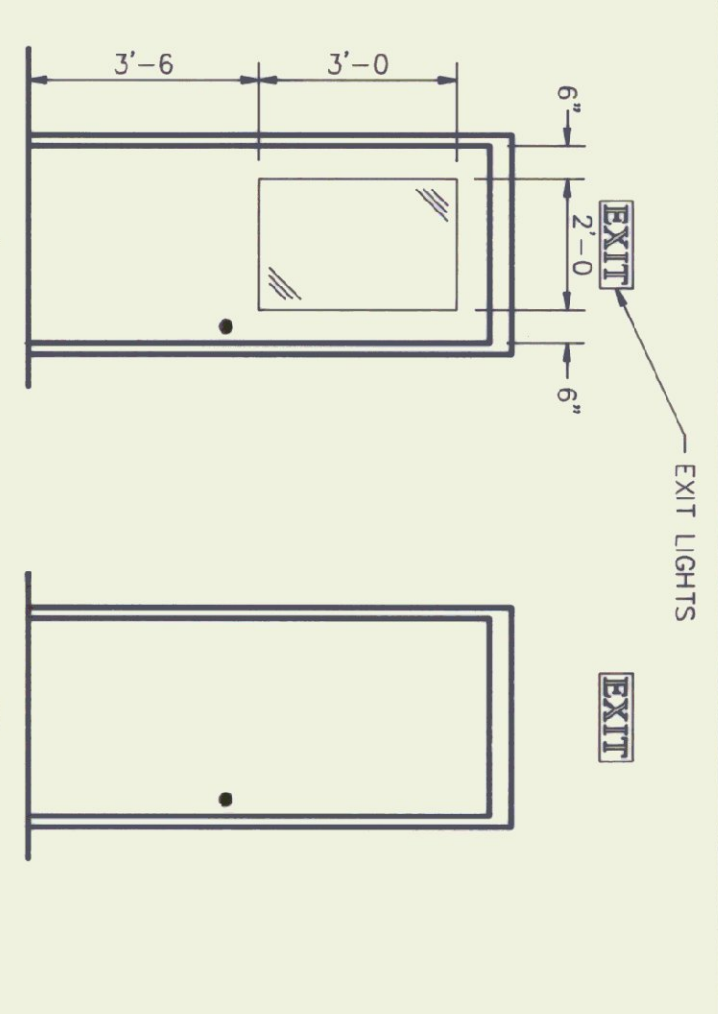


SECTION BUILDING SECTION  
SCALE: 3/8"=1'-0"

HANGAR AREA

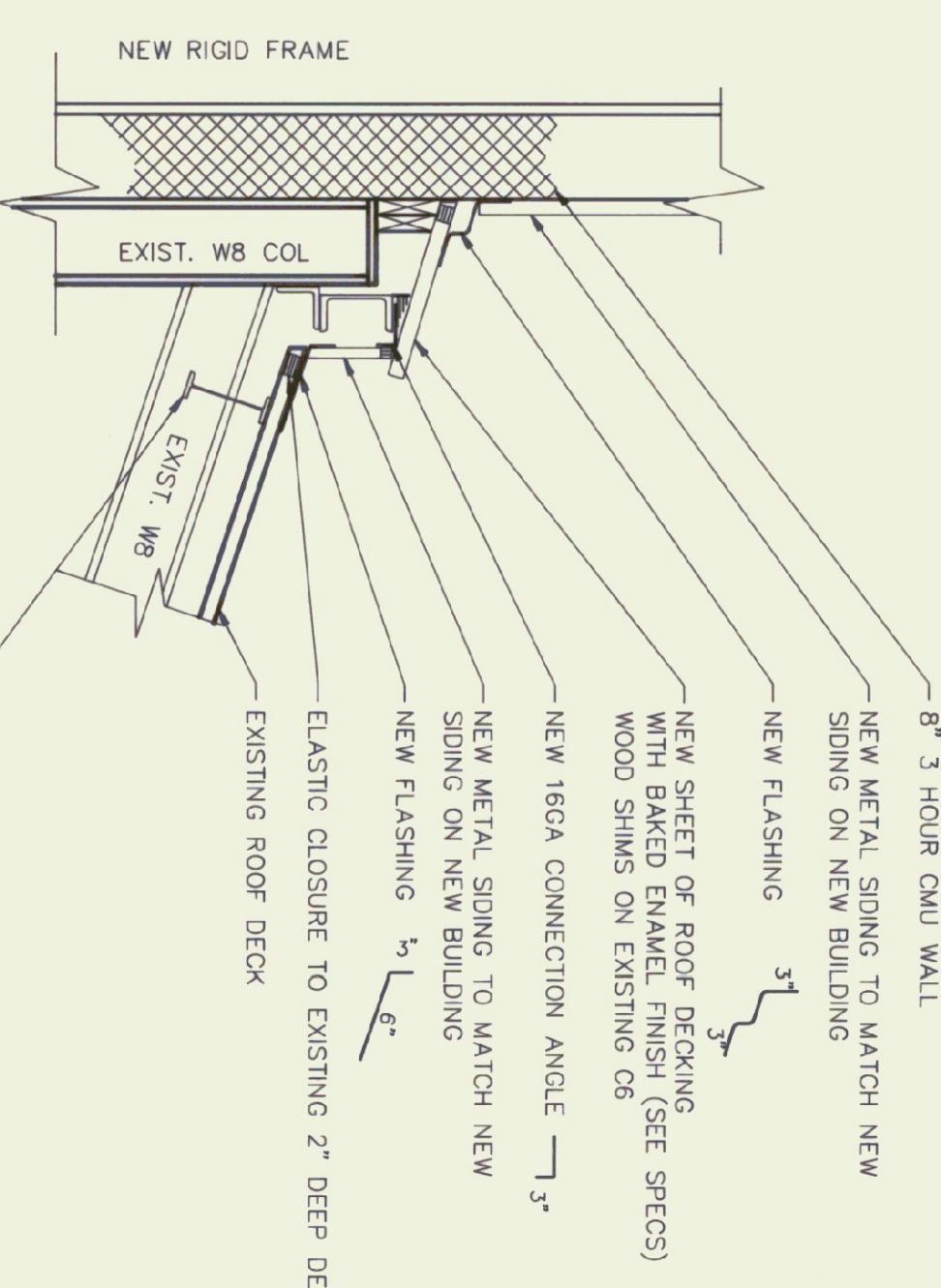


TERMINAL AREA

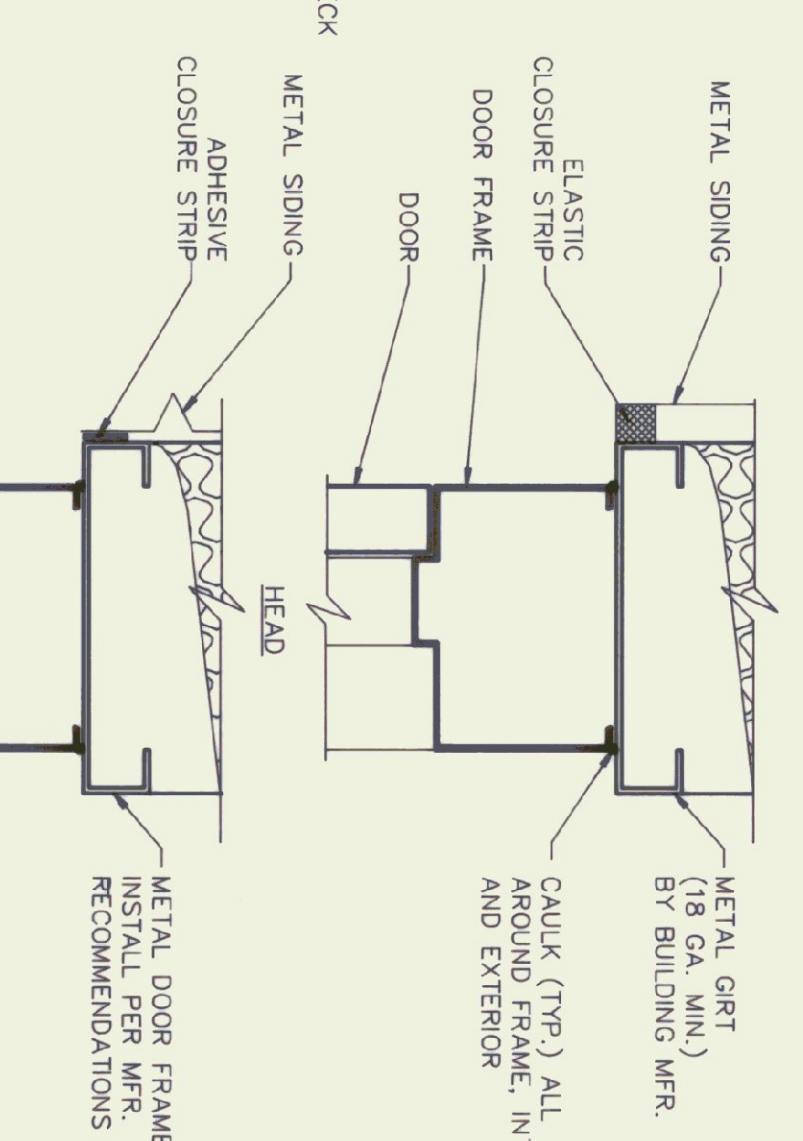


DETAIL DOOR ELEVATIONS  
SCALE: 3/8"=1'-0"

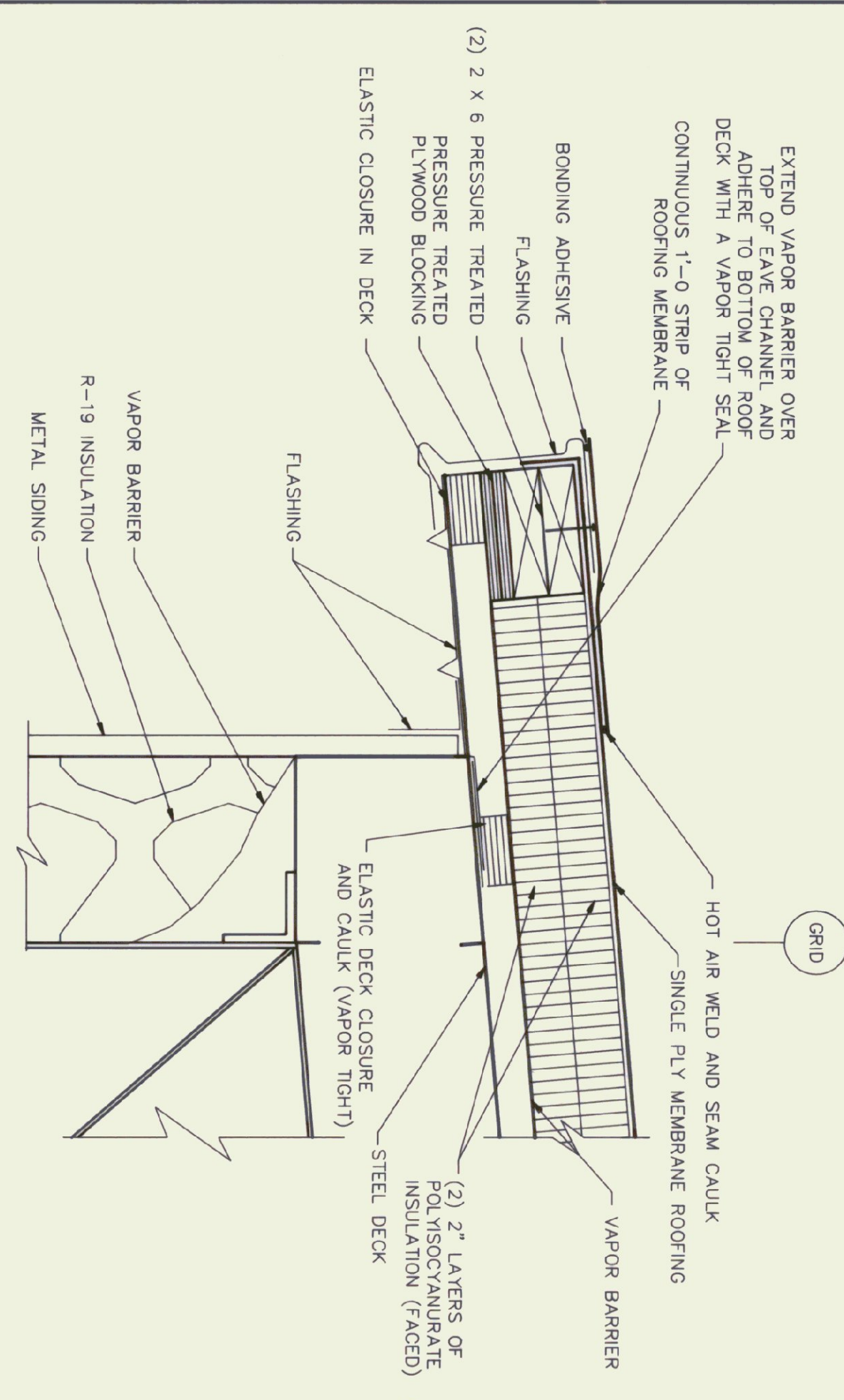
DOOR NUMBER	DOOR W x H	ROUGH OPENING	DOOR FRAME MATERIAL	ELEVATION DESIGNATION	BOT. OF SILL ELEVATION	REMARKS
1	3'-0" X 7'-0"	3'-4" X 7'-4"	STEEL	A	+/-6" BEL. F.F.	ADJUST TOP OF CONC. FOR DOOR
2	3'-0" X 7'-0"	3'-4" X 7'-4"	STEEL	B	F.F.	3 HR. FIRE RATING
3	3'-0" X 7'-0"	3'-4" X 7'-4"	STEEL	B	F.F.	3 HR. FIRE RATING
4	3'-0" X 7'-0"	3'-4" X 7'-4"	STEEL	B	F.F.	NONE
5	3'-0" X 7'-0"	3'-4" X 7'-4"	STEEL	B	F.F.	NONE



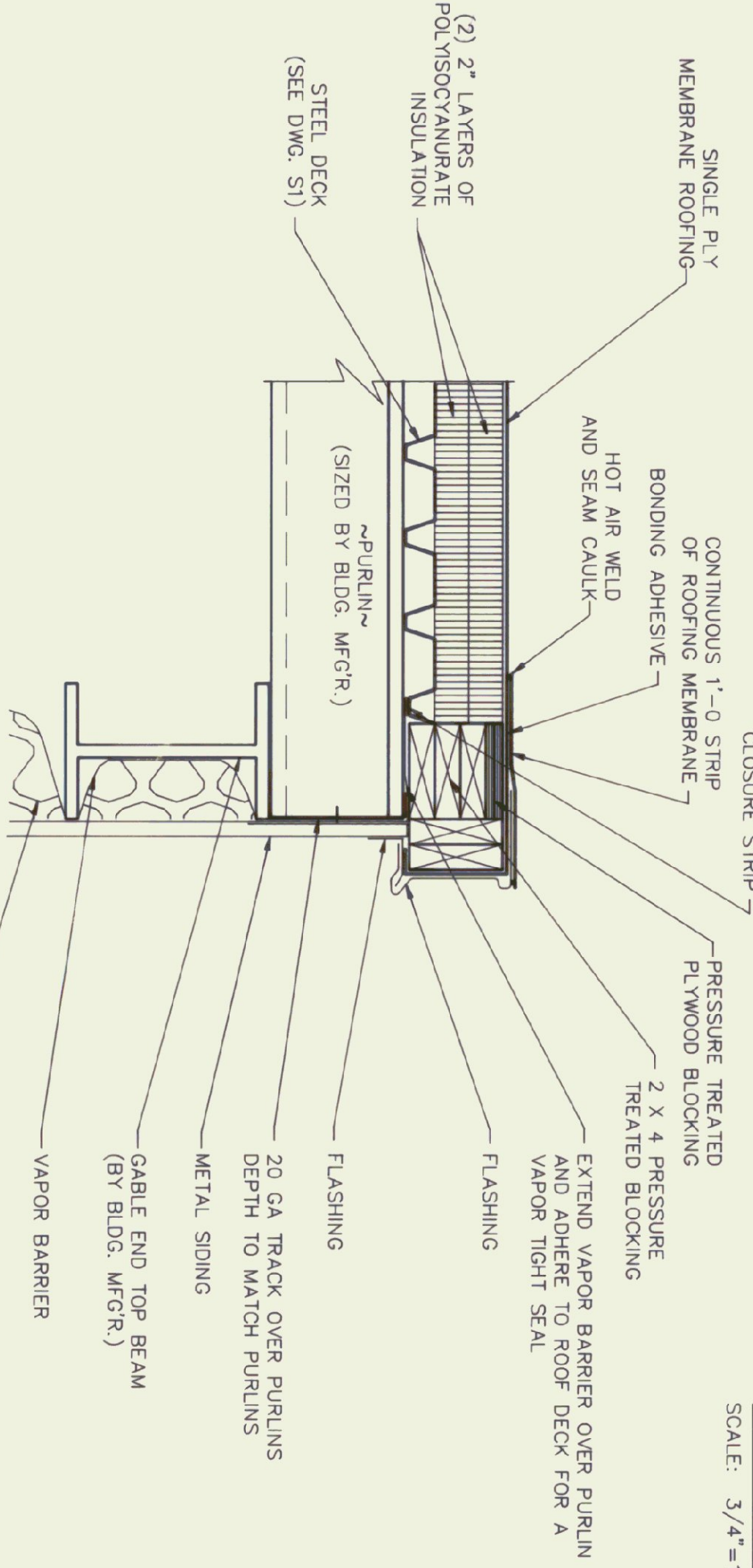
DETAIL SCALE: 3/4"=1'-0"



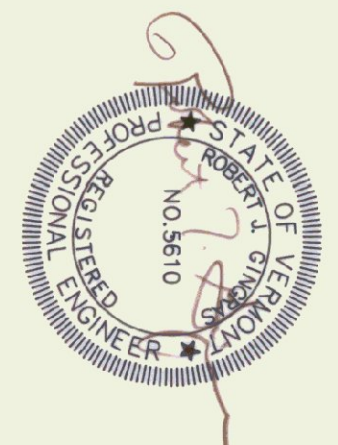
DETAIL SCALE: 3"=1'-0"



DETAIL AT EAVE  
SCALE: 1 1/2"=1'-0"



DETAIL AT RAKE  
SCALE: 1 1/2"=1'-0"



Rev No	Date	Description	Made By	Checked By	App'd By

**NEW AIRPORT HANGAR FRANKLIN COUNTY AIRPORT SECTIONS AND DETAILS PROJECT NO. AIR 03 2014**

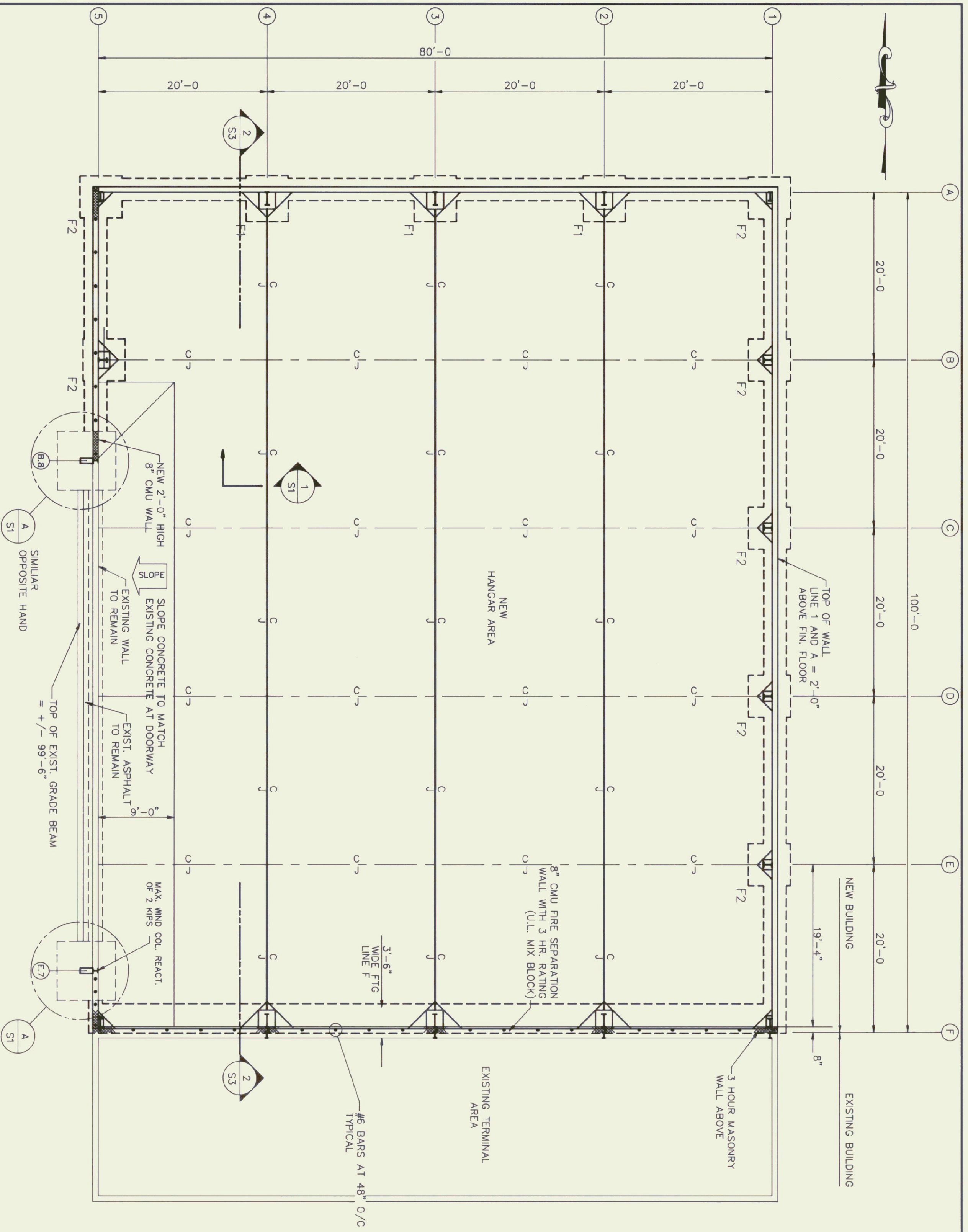
Scale AS NOTED

Des. By: **RJC**  
 Dwn. By: **DDH**  
 Chk. By: **MJC**

Date: **MAY 1992**  
 Dwg. No: **22-002-4**

**CHENETTE ENGINEERING, INC.**  
 50 STATE STREET  
 MONTPELIER, VERMONT 05602

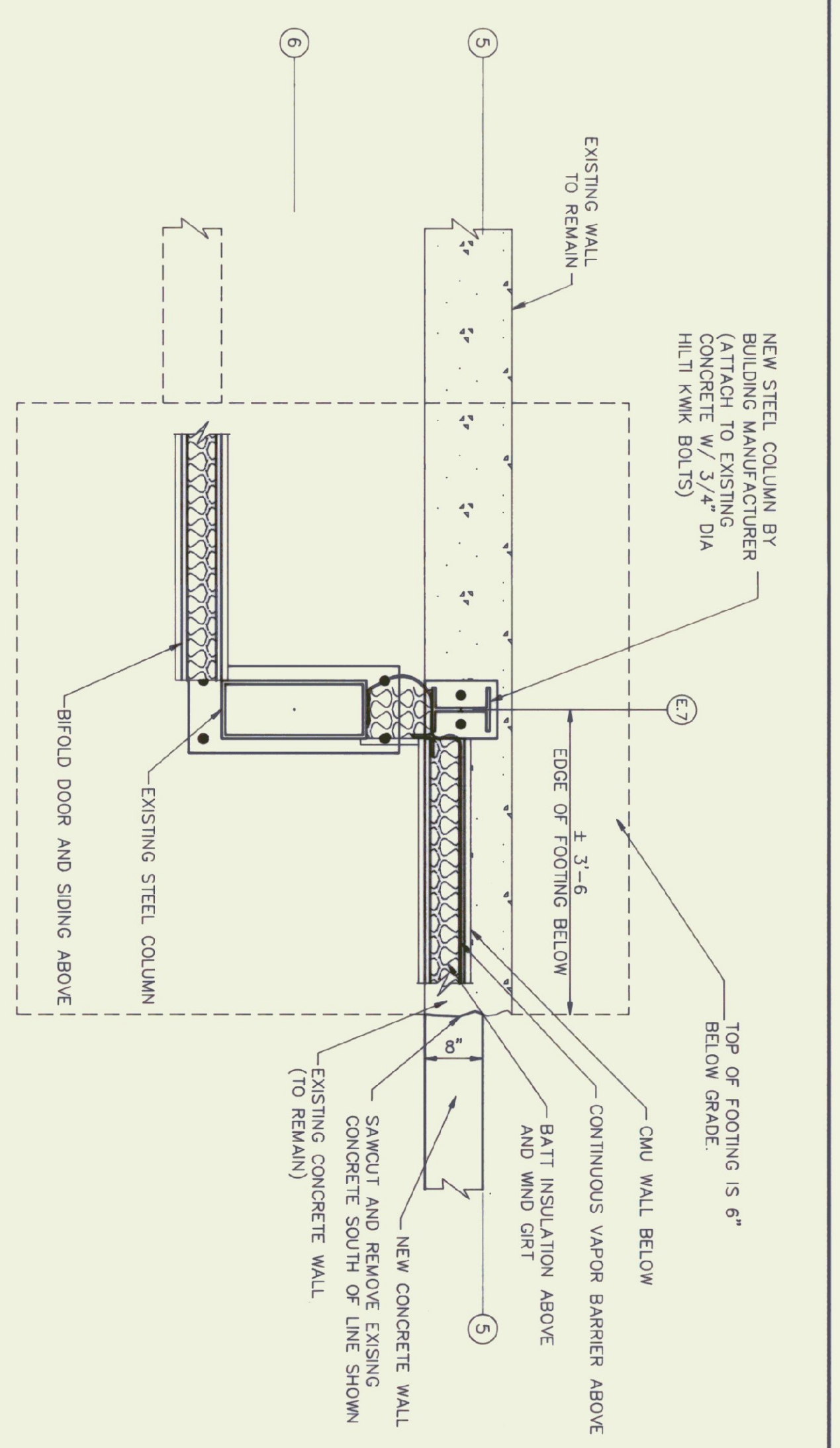
**A2**



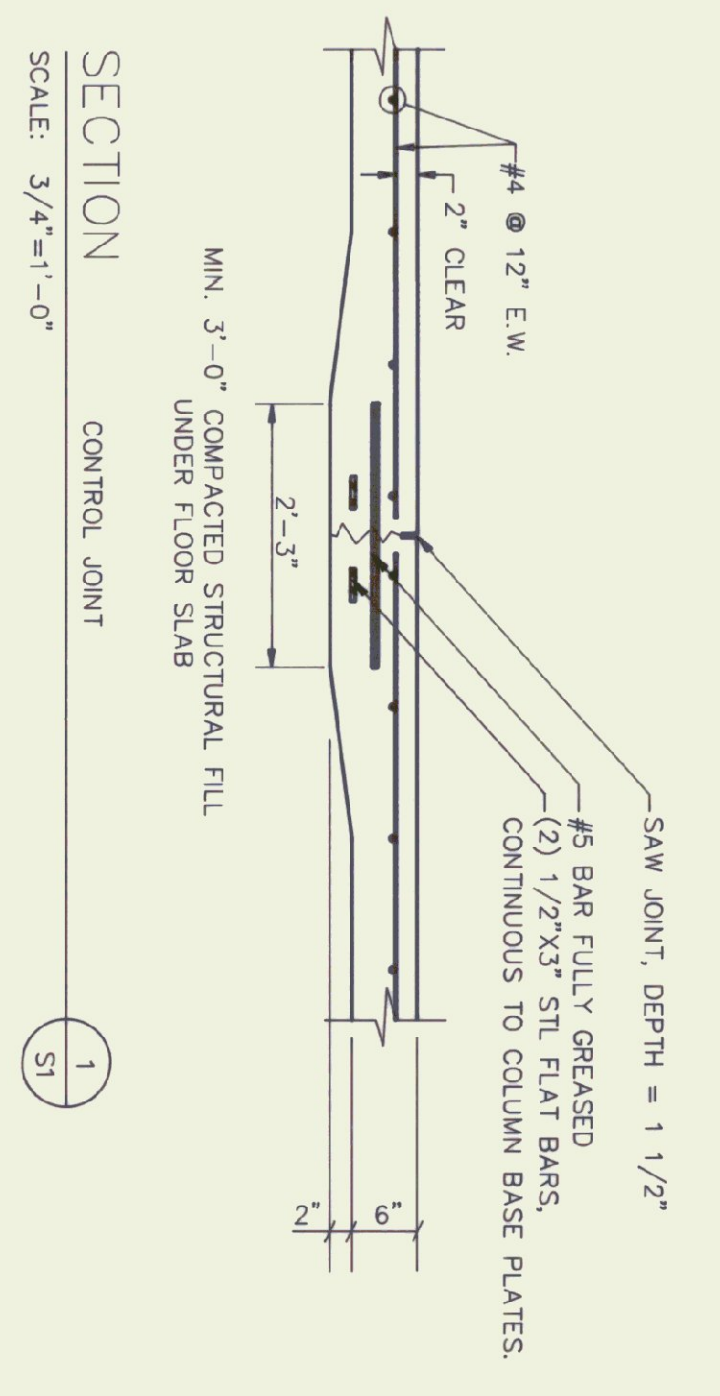
1. SLAB-ON-GRADE TO BE 6" THICK REINFORCED WITH #4 @ 12" E.W.
2. ELEVATION TOP OF FOOTING = 96'-0" UNLESS NOTED OTHERWISE

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

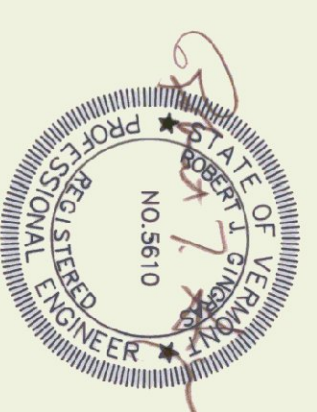
MARK	SIZE	FOOTING SCHEDULE	REMARKS
F1	6'-0" X 6'-0" X 1'-0" DEEP	#5'S @ 12" O/C E.A. WAY (BOTTOM)	
F2	5'-0" X 5'-0" X 1'-0" DEEP	#5'S @ 12" O/C E.A. WAY (BOTTOM)	



DETAIL  
SCALE: 3/4"=1'-0"



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



**NEW AIRPORT HANGAR  
FRANKLIN COUNTY AIRPORT  
FOUNDATION PLAN AND DETAILS  
PROJECT NO. AIR 03 2014**

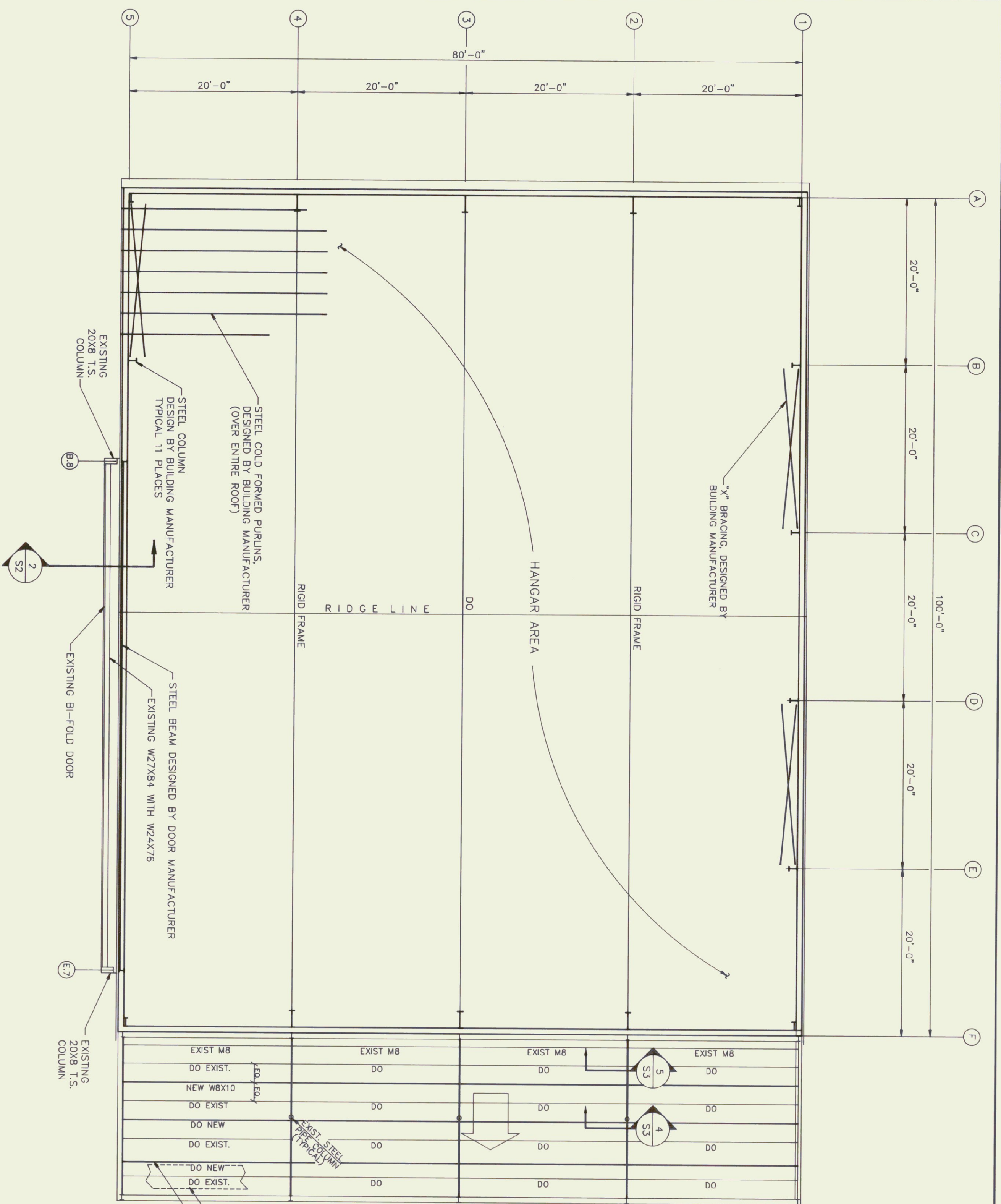
No.	Date	Description	Made by	Checked by	App'd by

**Scale AS NOTED**

Des. By: **RJC**  
 Dwn. By: **DDH**  
 Chk. By: **RJC**  
 Date: **MAY 1992**  
 Dwg. No.: **22-002-4**

**CHENNETTE ENGINEERING, INC.**  
 50 STATE STREET  
 MONTPELIER, VERMONT 05602

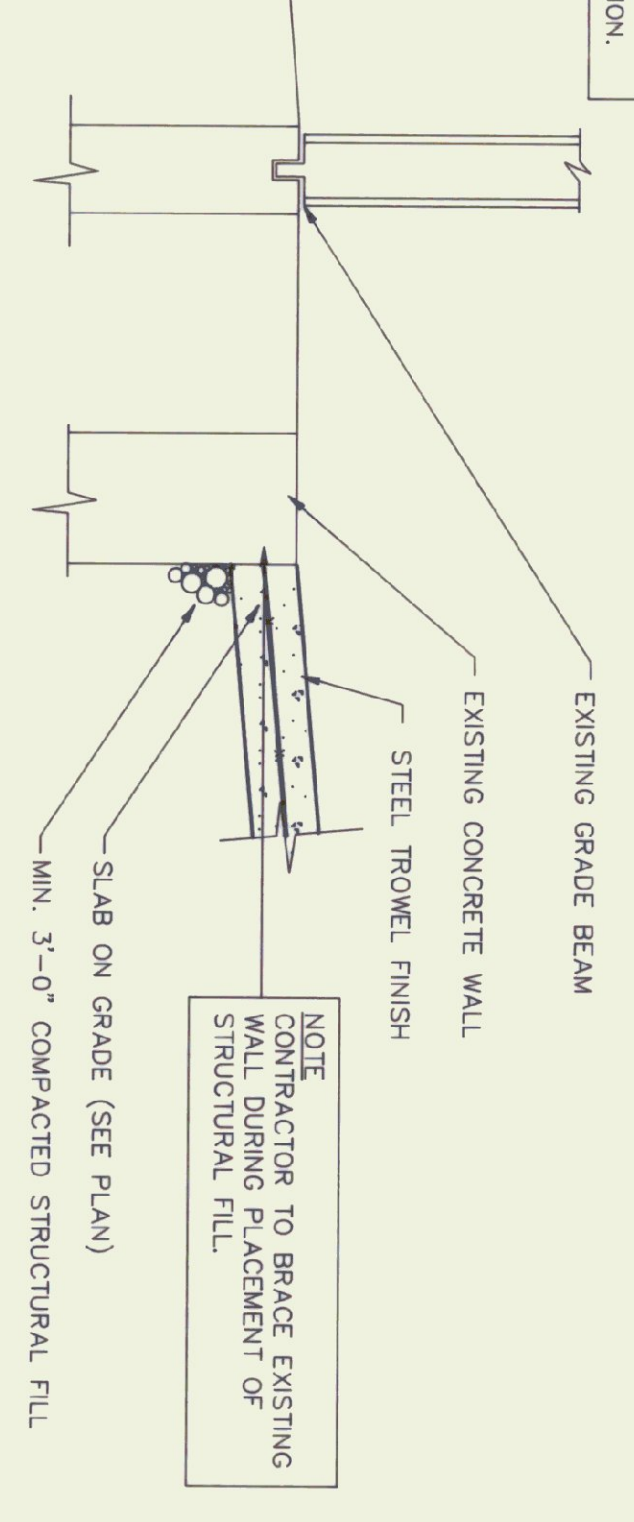
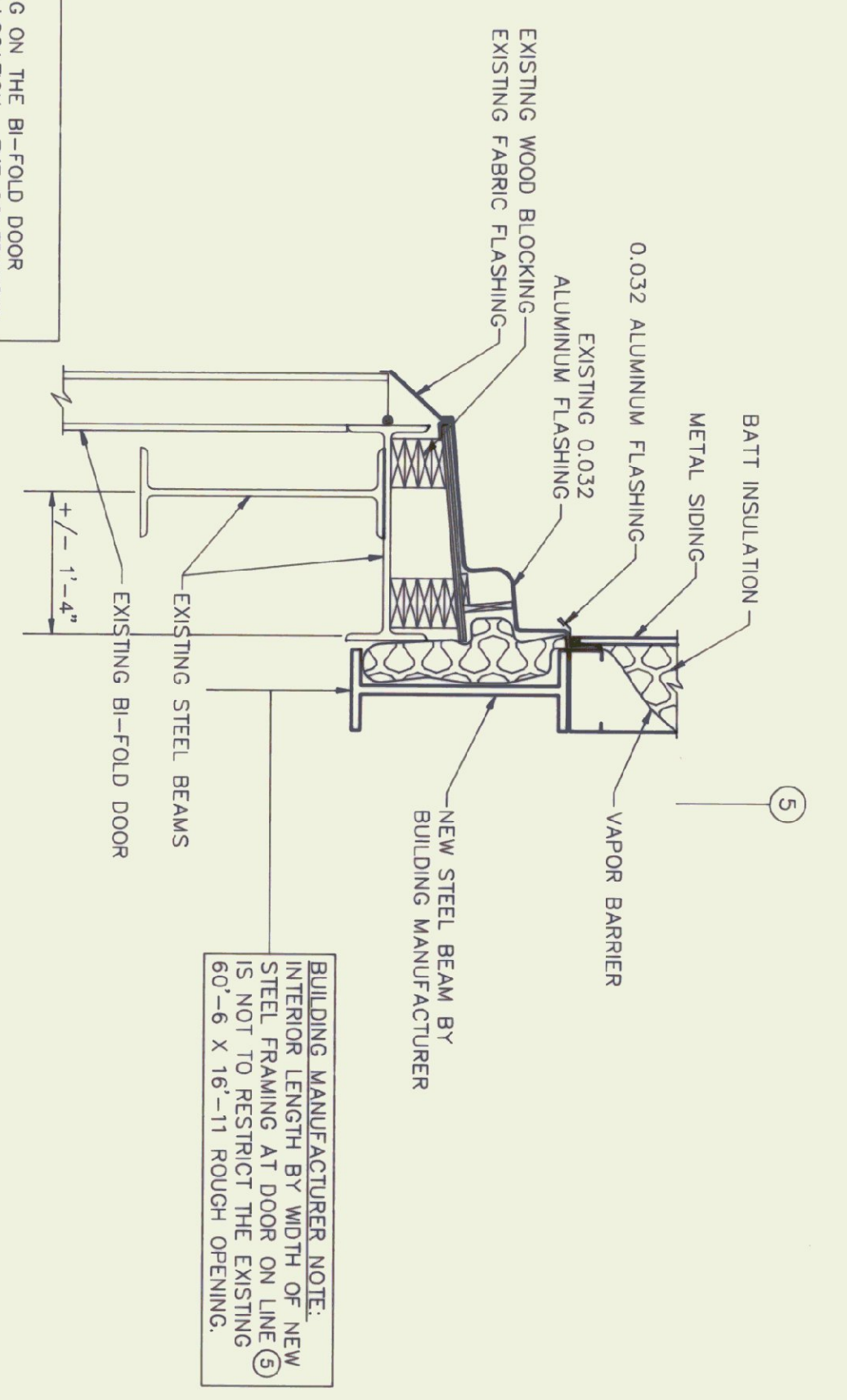
**S1**



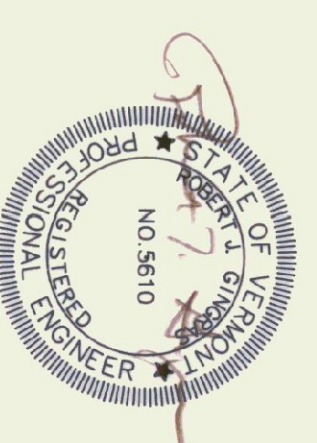
**ROOF FRAMING PLAN**  
 SCALE: 1/8"=1'-0"  
 1. ROOF DECK TO BE 22 GA TYPE B ROOF DECK AS MANUFACTURED BY UNITED STEEL DECK.

NOTE:  
 REMOVE EXISTING SIDING ON THE BI-FOLD DOOR AND STORE IN A SAFE LOCATION. THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS SO AS NOT TO DAMAGE THE SIDING OR THE DOOR DURING CONSTRUCTION. ANY DAMAGE TO THE SIDING OR THE DOOR SHALL BE REPLACED BY THE CONTRACTOR TO THE ORIGINAL CONDITION. REMOVE THE BI-FOLD DOOR SIDING TO ITS CURRENT CONDITION.

EXISTING DUCT  
 OUTSIDE NEW PURLIN TO BE LOCATED SO AS TO NOT INTERFERE WITH EXISTING DUCT

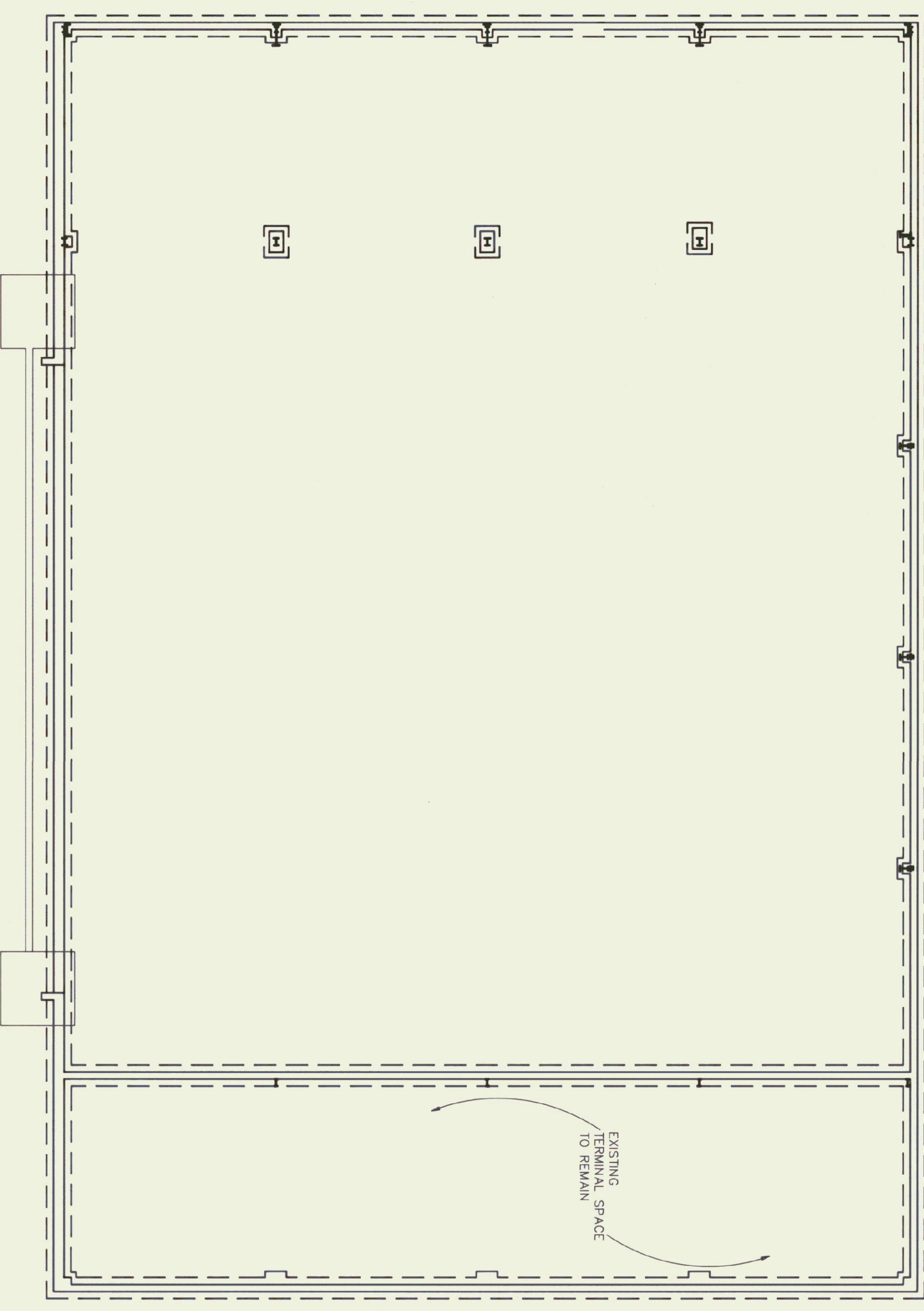


SECTION  
 SCALE: 3/4"=1'-0"  
 NOTE:  
 ALL THAT IS NOT LABELED EXISTING IS NEW AND IS TO BE FURNISHED AND INSTALLED BY CONTRACTOR.




Dev No	Date	Description	Made by	Checked by	App'd by
<b>NEW AIRPORT HANGAR</b> <b>FRANKLIN COUNTY AIRPORT</b> <b>ROOF FRAMING PLAN &amp; DETAILS</b> <b>PROJECT NO. AIR 03 2074</b>					
<b>S2</b>					
Scale AS NOTED Des. By: <b>RJG</b> Dwn. By: <b>DDH</b> Chk. By: <b>RJG</b> Date <b>MAY 1992</b> Dwg. <b>22-002-4</b>					
CHENETTE ENGINEERING, INC. 50 STATE STREET MONTPELIER, VERMONT 05602					

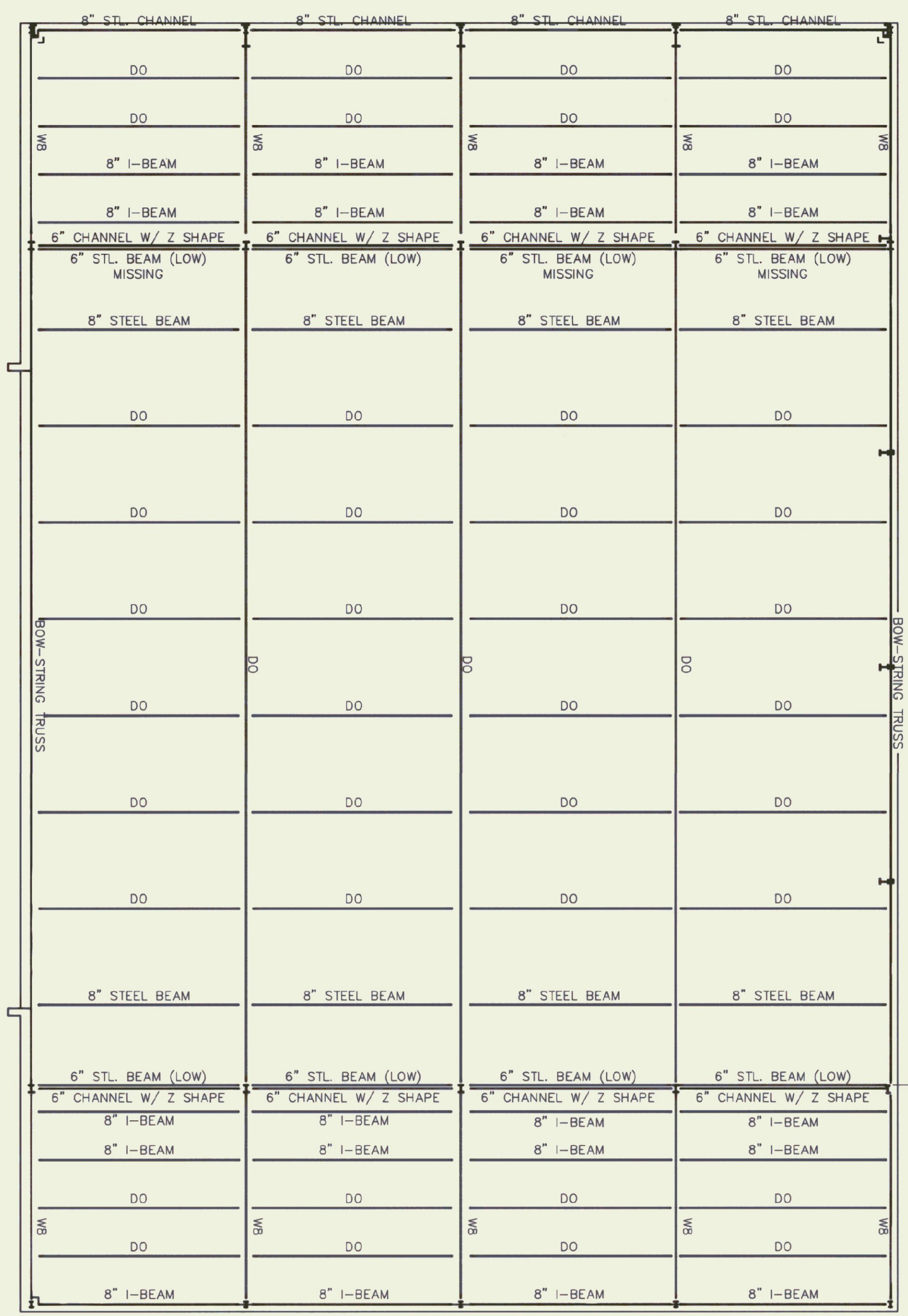




FOUNDATION REMOVAL PLAN  
SCALE: 1/8"=1'-0"

NOTE:  
THIS DRAWING IS PROVIDED AS A WORKSHEET FOR THE CONTRACTOR FOR BUILDING REMOVAL. THE CONTRACTOR IS TO INSPECT THE BUILDING PRIOR TO SUBMITTING A BID AND VERIFY EXISTING CONSTRUCTION FOR DEMOLITION AND DISPOSAL. THIS DRAWING AND SH1, DP2 IN NO WAY REPRESENTS A COMPLETE LIST OF BUILDING COMPONENTS AND THE CONTRACTOR IS RESPONSIBLE FOR THE COMPLETE REMOVAL AND DISPOSAL OF THE EXISTING STRUCTURE WEST OF LINE F.

Rev No	Date	Description	Made by	Checked by	App'd by
		<b>NEW AIRPORT HANGAR FRANKLIN COUNTY AIRPORT FOUNDATION DEMOLITION PLAN PROJECT NO. AIR 03 2074</b>			
			CHENETTE ENGINEERING, INC. 50 STATE STREET MONTPELIER, VERMONT 05602		
Sheet of <b>DP1</b>		Scale AS NOTED Des. By <u>          </u> RAG Dwn. By <u>          </u> DAR Ck. By <u>          </u> MJC Date <u>MAY 1992</u> Dwg. <b>22-002-2</b>			



FRAMING REMOVAL PLAN  
SCALE: 1/8"=1'-0"

BUILDING TO BE REMOVED  
BUILDING TO REMAIN

Rev No	Date	Description	Made by	Checked by	App'd By

**NEW AIRPORT HANGAR  
FRANKLIN COUNTY AIRPORT  
FRAMING DEMOLITION PLAN  
PROJECT NO. AIR 03 2014**

**DP2**

CHENETTE ENGINEERING, INC.  
50 STATE STREET  
MONTPELIER, VERMONT 05602

Scale AS NOTED  
Des. By: RAG  
Dwn. By: DAR  
Chk. By: MAC  
Date: MAY 1992  
Dwg. 22-002-2

ELECTRICAL LEGEND

- LUMINAIRES**
- CEILING LIGHT
  - WALL LIGHT
  - ⊗ EXIT - WALL
  - ⊗ EMERGENCY LIGHT - DOUBLE HEAD
- WALL SWITCHES**
- \$ SWITCH 48" AFF
  - \$MS MANUAL MOTOR STARTER
- WALL RECEPTACLES**
- ⊕ DUPLEX OUTLET +40" AFF
  - ⊕ SPLIT WIRED DUPLEX OUTLET
  - ⊕ SINGLE SPECIAL PURPOSE OUTLET
- MISCELLANEOUS EQUIPMENT**
- ⊗ MOTOR STARTER
  - SAFETY SWITCH
  - ▬ ELECTRIC PANEL BOARD
  - MOTOR
  - BRANCH CIRCUIT
- ABBREVIATIONS**
- AFF ABOVE FINISHED FLOOR
  - EC ELECTRICAL CONTRACTOR
  - ES EQUIPMENT SUPPLIER
  - GC GENERAL CONTRACTOR
  - JB JUNCTION BOX
  - GR GROUND
  - GRC GALVANIZED RIGID CONDUIT
  - MOD MOTOR OPERATED DAMPER

ELECTRICAL FIXTURE SCHEDULE

KEY	MANUFACTURER & MODEL	MOUNTING	LAMPS	VOLTAGE	REMARKS
A	GE - C132553H61A6	SEE DETAIL	250 W -4PS	240	SAFETY CHAIN
A1	SAFETY CHAIN				150W QUARTZ LAMP
B	HADOO - VS 1040 HXL P1	10' AFF	35 W -4PS	120	PHOTOBELL CONTROL
C	HIGHEY PHILIPS - QB20A31 RED	3/4" GRG - 12" ABOVE ROOF RIDGE	116 W -	120	LB CONDUIT ON EXTERIOR WALL -
					LH116-125A21D 22' AFF
					4" OUTLET BOX 2 - 12 WATT
					UNIVERSAL 2-7 WATT-FL 120
					12" ABOVE DOOR

MECHANICAL EQUIPMENT SCHEDULE

KEY	DESCRIPTION
EF-1	EXHAUST FAN - GREENHECK SPFE30, 1/3HP, 120 VAC, 539RPM, 5875CFM @ .125", 14.3 SONES, FLUSH MOUNTED MOTORIZED DAMPER @ 120VAC, WEATHER HOOD, WALL MOUNT COLLAR, MOTOR SIDE GUARD.
L1, L2	COMBINATION LOUVER / MOTOR OPERATED DAMPER, 48" WIDE x 36" HIGH VENT PRODUCTS MODEL 2000, EXTENDED ALUMINUM WITH BRID SCREEN, ADJUST-O-VENT HARDWARE KIT #9027 AND DAMPER COLUMN 120VAC DAMPER ACTUATOR CAT. #MA 419.

PANEL DESIGNATORS

PANEL : PP

MOUNTING: SURFACE  
 MAINS: 200 AMP - MAIN CIRCUIT BRKR. - 120/240V - 1 PHASE - 3 WIRE  
 BRANCHES: AS SHOWN  
 CONNECTED LOAD : 16 KW

QXT NO.	KW LOAD	DESCRIPTION	BREAKER P AMP	BREAKER AMP P	DESCRIPTION	KW LOAD	QXT NO.
1	0.5	***	20	20	2 LIGHTING	2.4	2
3	2.0	BI-FOLD DOOR	20	20	2 LIGHTING	2.4	4
5	-	"	-	-	2 LIGHTING	-	6
7	0.3	EXH FAN/MOTOR OP. LOUVERS	15	15	2 LIGHTING	2.4	8
9	4.0	GAS PUMP	50	30	2 WATER SYSTEM	2.0	10
11	-	"	-	-	"	-	12
13	0.5	SPACE FOR SWITCHED NEUTRAL	20	20	1 RECEPTACLES	0.5	14
15	0.5	GAS PUMP LIGHT	20	20	1 RECEPTACLES	0.5	16
17	0.5	SPACE FOR SWITCHED NEUTRAL	20	20	1 RECEPTACLES	-	18
19	-	SPACE	1	20	1 RECEPTACLES	-	20
21	-	SPACE	1	20	1 RECEPTACLES	-	22
23	1.0	PANEL FEED	3	100	SPACE	-	24
25	-	"	-	-	SPACE	-	26
27	-	SPACE	-	-	SPACE	-	28
29	-	SPACE	-	-	SPACE	-	30
31	-	SPACE	-	-	SPACE	-	32
33	-	SPACE	-	-	SPACE	-	34
35	-	SPACE	-	-	SPACE	-	36
37	-	SPACE	-	-	SPACE	-	38
39	-	SPACE	-	-	SPACE	-	40

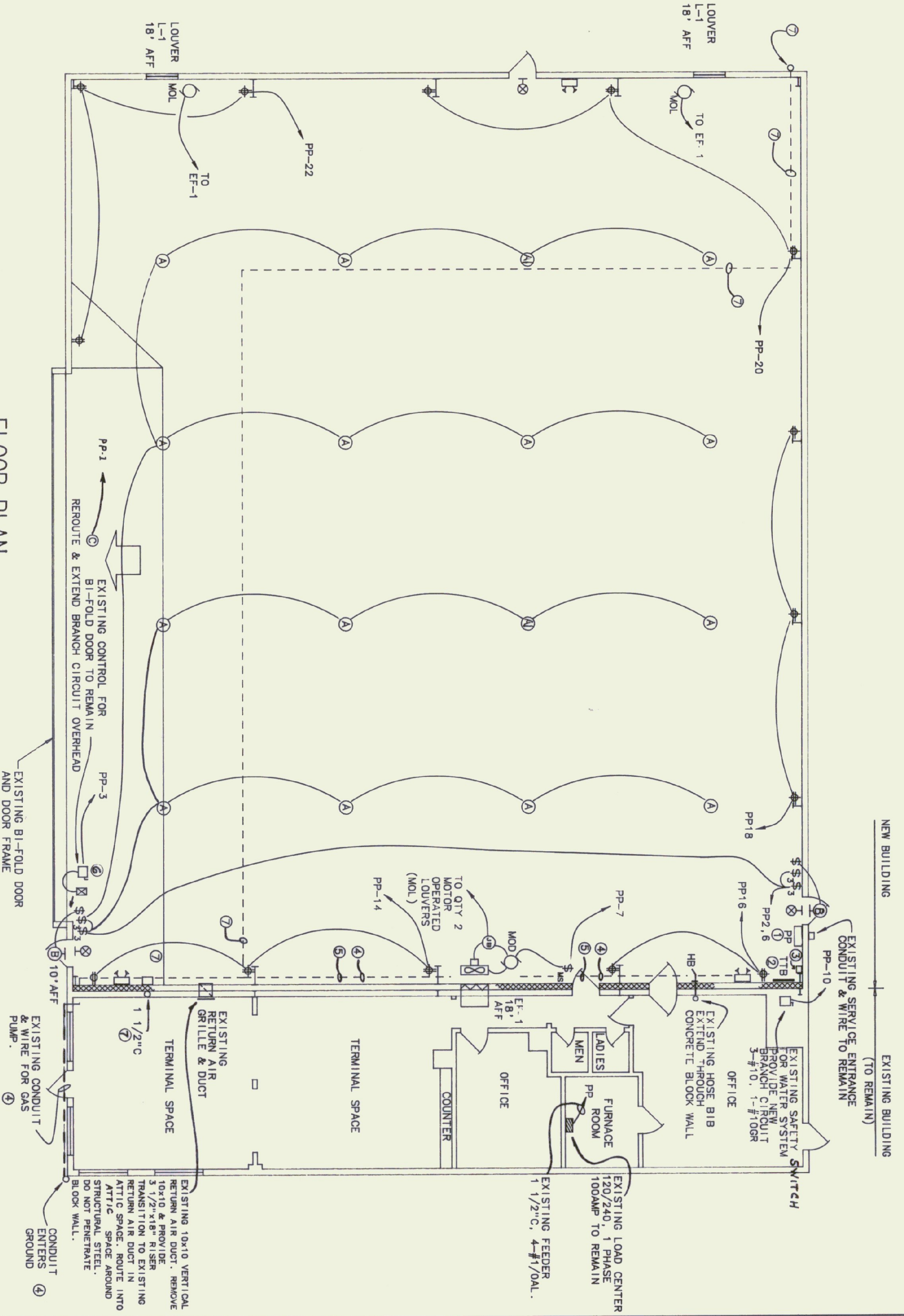
\* PROVIDE HANDLE LOCK  
 \*\*\*EXIT, EMERGENCY, ENTRY & OBSTRUCTION LIGHTS  
 \*\* SWITCH NEUTRAL

KEYED NOTES

- 1 REMOVE EXISTING ELECTRICAL LOAD CENTERS, PROVIDE NEW PANEL PP. ELECTRICAL SERVICE TO REMAIN IN SERVICE. PROVIDE TEMPORARY SUPPORT AND WEATHERPROOF ELECTRICAL SERVICE DURING CONSTRUCTION.
- 2 PROVIDE 2" X 2" X 3/4" WATERPROOF PLYWOOD TELEPHONE TERMINAL BOARD (TTB), PAINT GRAY.
- 3 EXISTING TELEPHONE INTERPHASE. TELEPHONE TO REMAIN IN SERVICE.
- 4 EXISTING 1" CONDUIT FOR GAS PUMP AND GAS PUMP LIGHT WITH 2 - #8, 2 - #10, 2 - #12, 1 - #10 GROUND. REROUTE TO ALLOW CONSTRUCTION OF BLOCK WALL.
- 5 EXISTING BRANCH CIRCUIT FOR BI-FOLD DOOR. REROUTE TO ALLOW CONSTRUCTION OF BLOCK WALL.
- 6 MOUNT DOOR CONTROL BY LIGHT SWITCHES.
- 7 EXISTING 90 CONDUCTOR CABLE FOR RUNWAY LIGHTS AND RADIO CONTROL. REMOVE EXISTING 1 1/2" PVC CONDUIT AND LB. INSTALL CONDUIT OUT OF TOP OF CONTROL BOX TO ATTIC SPACE ABOVE TERMINAL. RUN CABLE HIGH ALONG EAST WALL OF NEW HANGAR. CABLE MUST BE KEPT IN SERVICE.

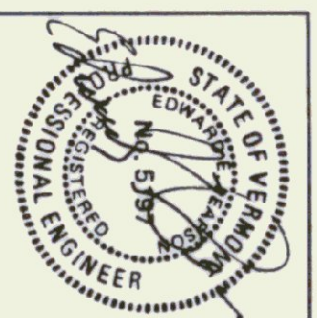
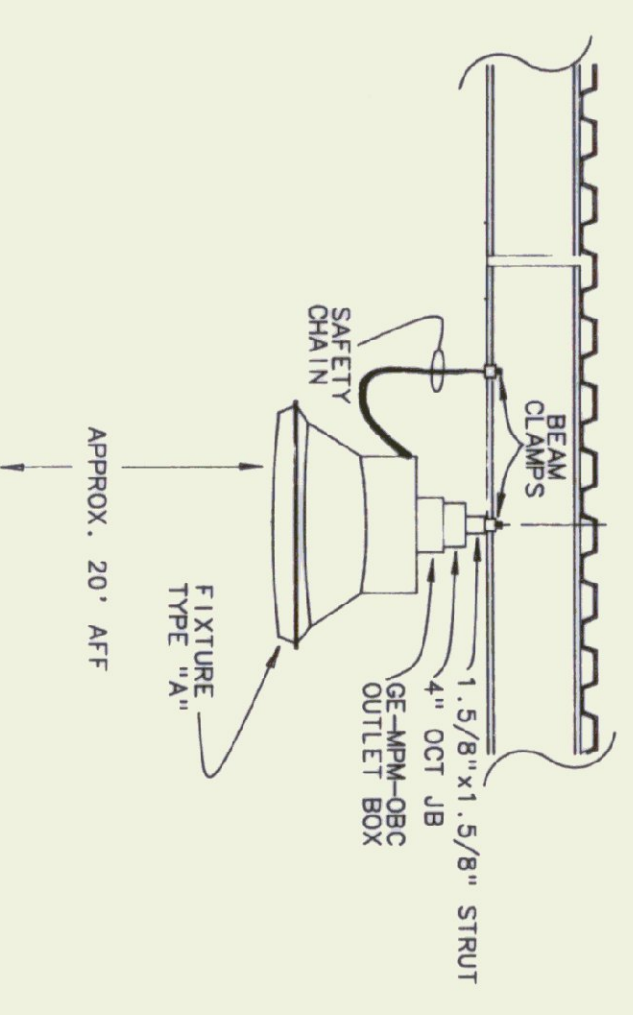
FLOOR PLAN

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



TYPE "A" FIXTURE MOUNTING DETAIL

NO SCALE



**Pearson & Associates**  
 MECHANICAL & ELECTRICAL ENGINEERS  
 P.O. BOX 610 STOWE, VERMONT 05672  
 (802) 253-9607

STATE OF VERMONT		VERMONT	
DEPARTMENT OF STATE BUILDINGS		AGENCY OF ADMINISTRATION	
MONTPELLIER		VERMONT	
<b>NEW AIRPORT HANGER</b>			
<b>FRANKLIN COUNTY AIRPORT</b>			
<b>MECHANICAL / ELECTRICAL</b>			
<b>PLANS &amp; DETAILS</b>			
DATE:	SCALE:	REVISIONS:	DWG. NO.
DRAWN BY: B.W.M.	AS SHOWN	CAD FILE: P-FA-ME1	ME-1
APPROVED BY: <i>ESP</i>		SHEET: OF	