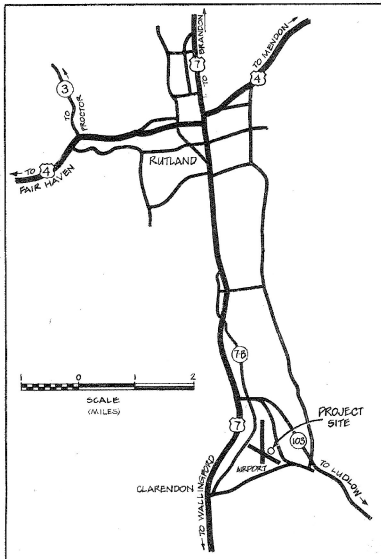
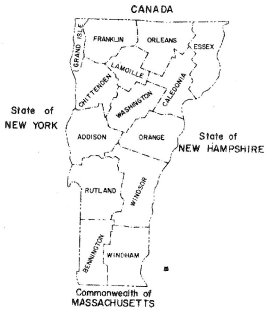


STATE OF VERMONT
AGENCY OF TRANSPORTATION

CONTRACT PLANS

THESE PLANS DO NOT REFLECT CHANGES MADE ON THE PROJECT.



TERMINAL BUILDING
RUTLAND STATE AIRPORT
CLARENDON, VERMONT
AIR 23-2024

PROJECT TO INCLUDE THE SITE PREPARATION AND CONSTRUCTION OF AN AIRPORT TERMINAL BUILDING WITH ITS PLUMBING, HEATING, AND ELECTRICAL APPURTENANCES. PROJECT ALSO INCLUDES LAYOUT AND PAVING OF AN APRON EXTENSION AREA.

Dated FEB 12 1985

Simpson Construction, Inc.
Contractor

Signature
Earle M. Simpson, Jr.
President
Title

Transportation Secretary's Signature

SYMBOLS

DIMENSION TO FOF, FOS, OR ℄

MAJOR SECTIONS THROUGH BLDG (DET. #) OR (SHEET #)

LARGE SCALE DETAILS & SECTIONS (IN DETAIL BOOK)

MATERIAL IN A RELATED PLANE

INTERIOR ELEVATIONS (ELEV. #) (SHEET # (IF ELEV. APPEARS ON))

DIAMETER

EARTH

SAND OR GRAVEL

GRAVEL

CRUSHED STONE

CONCRETE

CEMENT MASONRY UNIT

BRICK

SLATE

STONE

STEEL REINFORCING

STEEL CROSS SECTION

PLYWOOD

WOOD FRAMING CROSS SECTION - CONTINUOUS

WOOD FRAMING CROSS SECTION - DISCONTINUOUS

FINISH WOOD CROSS SECTION

FINISH WOOD FACE GRAIN

FIBERGLASS INSULATION

RIGID INSULATION

ABBREVIATIONS

AB	ANCHOR BOLT	HORIZ	HORIZONTAL
BLDG	BUILDING	INSUL	INSULATION
BTW	BETWEEN	LB	LAG BOLT
CB	CARRIAGE BOLT	MAX	MAXIMUM
℄	CENTER LINE	MIN	MINIMUM
CL	CLOSET	MR	MOISTURE RESISTANT
CMU	CEMENT MASONRY UNIT (CONCRETE BLOCK)	NIC	NOT IN CONTRACT
		OC	ON CENTER
COLS	COLUMNS	PERP	PERPENDICULAR
CONT	CONTINUOUS	PL	PLATE
DBL	DOUBLE	POLY	POLYETHYLENE
DF	DRINKING FOUNTAIN	PR	PAIR
DR	DOOR	R	RISER
DW	DOWN	RO	ROUGH OPENING
EF	EACH FACE	ST	STEEL
EL	ELEVATION	STD	STANDARD
EW	EACH WAY	TOC	TOP OF CURB
EXT	EXTERIOR	T & G	TONGUE AND GROOVE
FCO	FLOOR CLEAN OUT	TYP	TYPICAL
FD	FLOOR DRAIN	VERT	VERTICAL
FDTN	FOUNDATION	VB	VAPOR BARRIER
FEC	FIRE EXTINGUISHER CABINET	W/	WITH
FOF	FACE OF FOUNDATION	WD	WOOD
FOS	FACE OF STUD	FF	FINISH FLOOR
GWB	GYPSUM WALL BOARD		
HDCP	HANDICAPPED		

INDEX TO DRAWINGS *

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		SITE DRAWINGS
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		ARCHITECTURAL
3 " "	A-1	FOUNDATION PLAN
4 " "	A-2	FIRST FLOOR PLAN
5 " "	A-2REF	FIRST FLOOR REFERENCE PLAN
6 " "	A-3	MEZZANINE PLAN
7 " "	A-4	NORTH & EAST ELEVATIONS
8 " "	A-5	SOUTH & WEST ELEVATIONS
9 " "	A-6	N/S SECTIONS & RESTROOM ELEVATIONS
10 " "	A-7	E/W SECTIONS & INTERIOR ELEVATIONS
		STRUCTURAL
11 " "	SF-1	MEZZANINE FRAMING
12 " "	SF-2	ROOF FRAMING
13 " "	SF-3	FRAMING X-SECTIONS
		ELECTRICAL
14	E-1	EQUIPMENT ELEVATIONS & MEZZANINE ELECTRICAL PLAN
15	E-2	FIRST FLOOR ELECTRICAL PLAN & PLAN LAYOUT
		MECHANICAL
16 " "	H-1	HEATING PLAN & DETAILS
17 " "	P-1	PLUMBING PLAN & DETAILS
		STANDARD SITE DETAILS
18 " "		STANDARD D6 (APRIL 4, 1973R)
19 " "		STANDARD D11 (AUGUST 24, 1981R)

*FOR LARGE SCALE DETAILS SEE "DETAIL BOOK"

AIP 3-50-0015-02

AGENCY OF ADMINISTRATION
DEPARTMENT OF STATE BUILDINGS
APPROVED _____ DATE _____
COMMISSIONER

SUBMITTED BY ORDER OF THE STATE TRANSPORTATION BOARD
APPROVED _____ DATE _____
DIRECTOR OF ENGINEERING AND CONSTRUCTION

DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION
APPROVED _____ DATE _____
CHIEF ENGINEERING BRANCH - AIRPORTS DIVISION

PROJECT AIR NO 23-2024
SHEET 1 OF 19 SHEETS

'84 AOT

GRANITE CURBING TO MATCH EXISTING

TYPE 'A' PAVER PLAN

- TYPE 'A' TO BE SET IN A HERRINGBONE PATTERN. ALL OUTSIDE EDGES (@ GRASS & TYPE 'B' PAVERS) ARE TO BE EDGED WITH PRESSURE TREATED (LP-22) 4x4's, SPIKE 4x4's INTO GROUND WITH ½"Ø x 2'-0" STAINLESS STEEL RODS @ 6'-0" O.C. SET 4x4's FLUSH WITH TOP OF PAVERS.
- TYPE 'A' TO BE SET ON 2" OF COMPACTED SAND ON 18" OF COMPACTED GRAVEL.
- NUMBERS INDICATE STARTING SEQUENCE.

TYPE 'A' CONC. PAVER

SCALE: FULL SIZE

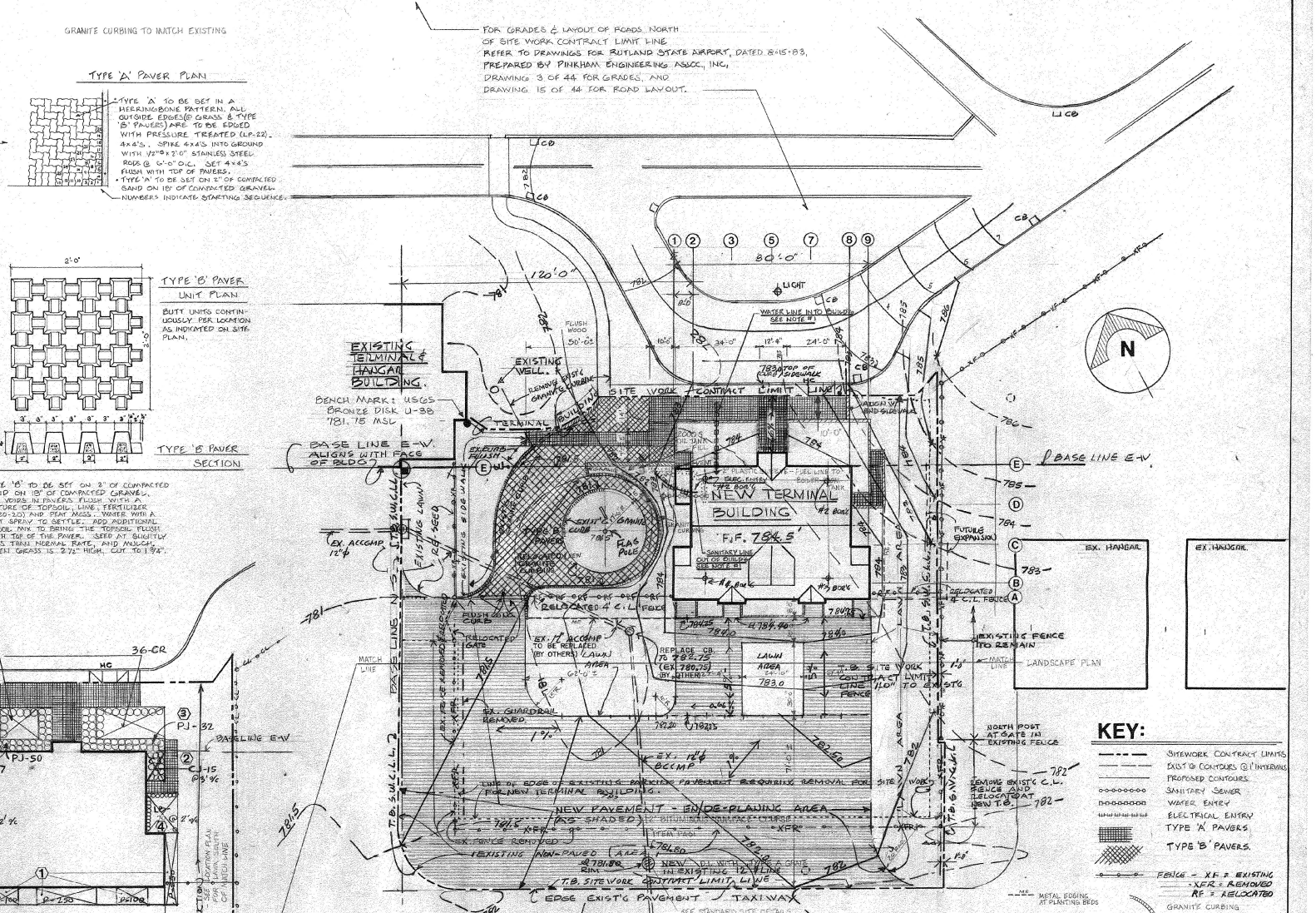
TYPE 'B' PAVER UNIT PLAN

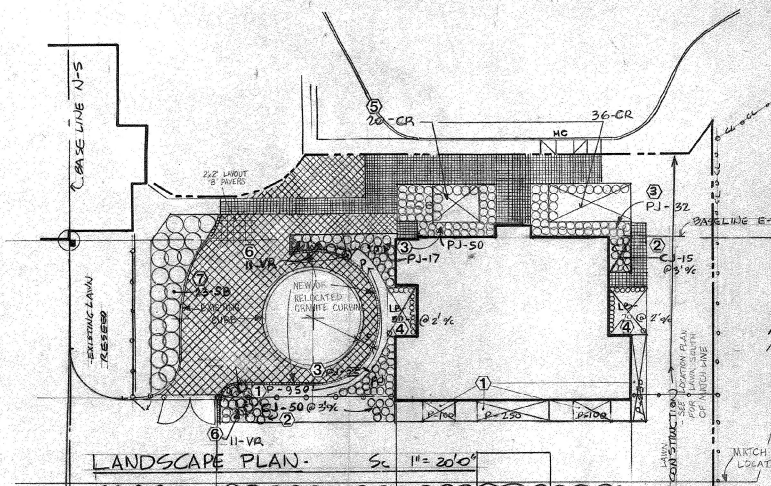
BUTT UNITS CONTINUOUSLY PER LOCATION AS INDICATED ON SITE PLAN.

TYPE 'B' PAVER SECTION

TYPE 'B' TO BE SET ON 2" OF COMPACTED SAND ON 18" OF COMPACTED GRAVEL. FILL JOINTS IN PAVERS FLUSH WITH A MIXTURE OF: TOPSOIL, LIME, FERTILIZER (10-20-20) AND PEAT MOSS. WATER WITH A MIST SPRAY TO SETTLE. ADD ADDITIONAL TOPSOIL MIX TO BRING THE TOPSOIL FLUSH WITH TOP OF THE PAVER. SEED AT SLIGHTLY LESS THAN NORMAL RATE, AND MULCH. WHERE GRASS IS 2½" HIGH, CUT TO 1¾".

FOR GRADES & LAYOUT OF ROADS NORTH OF SITE WORK CONTRACT LIMIT LINE REFER TO DRAWINGS FOR RUTLAND STATE AIRPORT, DATED 8-15-83, PREPARED BY PINKHAM ENGINEERING ASSOC., INC, DRAWING 3 OF 44 FOR GRADES, AND DRAWING 15 OF 44 FOR ROAD LAYOUT.





PLANTING LIST		SIZE & REMARKS
(1) P - PERIWINKLE 1650 PLANTS @ 9" o/c IN 5 BEDS	- VINCA MINOR	C=CONTAINER B&B=BALL & BURLAP / BARE ROOT
(2) CJ - CREEPING JUNIPER - 65 PLANTS @ 3' o/c - 2 BEDS - JUNIPER HORIZONTALIS		6'-9" HT, 18'-24" SPREAD, 5 GAL. C
(3) PJ - PROSTRATE COMMON JUNIPER - 124 PLANTS - 3'½ o/c 4 BEDS. JUNIPER C. DEPRESSA.		12"-15" HT, 24"-30" SPD, 3 GAL. C
(4) LB - LOW BUSH BLUEBERRY - 120 PLANTS - 2'½ o/c IN 2 BEDS - V. AUGUSTIFOLIUM LAEVIFOLIUM		6'-9" HT, 6" FIBER POT
(5) CR - CAROLINA ROSE - 56 PLANTS IN TWO BEDS. -	ROSA CAROLINA	18"-24" HT, 2 GAL. C
(6) VR - VIRGINIA ROSE - 22 PLANTS IN 2 BEDS -	ROSA VIRGINIANA	24"-30" HT, 3 GAL. C
(7) SB - SNOWBERRY - 23 PLANTS @ 4'o/c IN ONE BED -	SYMPHORICARPOS ALBUS LAEV.	3'-4" HT, 3 GAL C/OR B&B

SITE LOCATION PLAN Sc 1" = 20'-0"

BUILDING LOCATION, GRADES, SURFACE IMPROVEMENTS & DRAINAGE.

NOTE #1: SEE SITE UTILITIES PLAN (SU-1) FOR CONTINUATION OF BUILDING WATER SERVICE LINE & SANITARY LINE.

NOTE #2: DATA REGARDING EXISTING PARKING AREA, GRADES, & FENCES DEVELOPED FROM:

① AS BUILT RUTLAND STATE AIRPORT PARKING LOT EXTENSION DRAWINGS DATED 7-23-73, G.W. DAMICO, RESIDENT ENGINEER.

② DRAWINGS PREPARED BY DUFRESNE-HENRY, RUTLAND STATE AIRPORT, CONTRACT 1 OF 2, PLAN & PROFILE SHEET 4 OF 13, AND GRADING, DRAINAGE DETAILS AND PROFILES SHEET 5 OF 13, DATED 9-12-77 & 9-8-77.

8/10/84

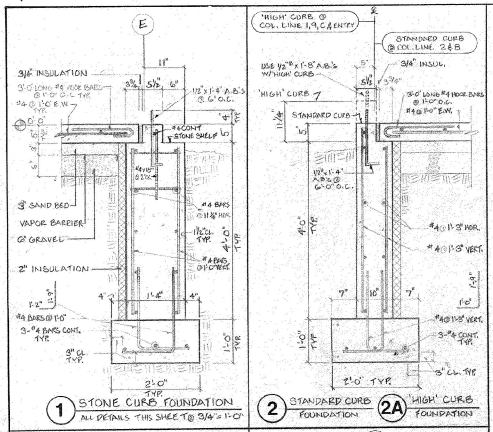
STATE OF VERMONT
DIVISION OF STATE BUILDINGS
AGENCY OF ADMINISTRATION
MONTPELIER, VERMONT

RUTLAND TERMINAL BUILDING AIR 23-2024

SITE PLAN & LANDSCAPING

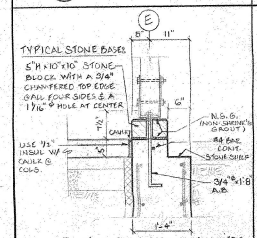
RUTLAND STATE AIRPORT
CLARENDON, VERMONT

DATE: 6-8-84	SCALE: 1"=20'-0"	REVISIONS: 6/29/84 S.A.M.	DWG. NO. S-1
DRAWN BY: R.A.	APPROVED BY: DA [illegible] DSB		2 OF 19

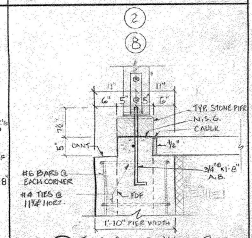


1 STONE CURB FOUNDATION
ALL DETAILS THIS SHEET @ 3/4"=1'-0"

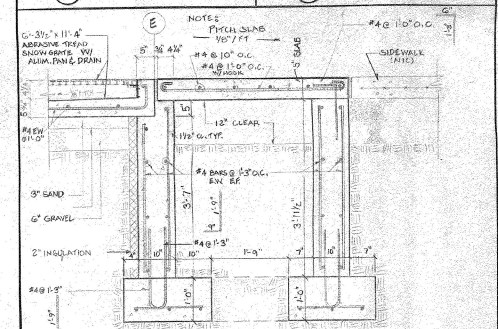
2 STANDARD CURB FOUNDATION
2A "HIGH" CURB FOUNDATION



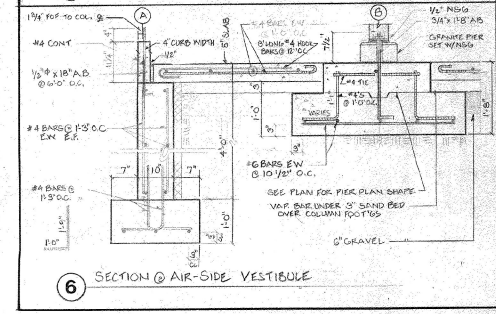
3 EXT. COL. @ STONE CURB FDTN



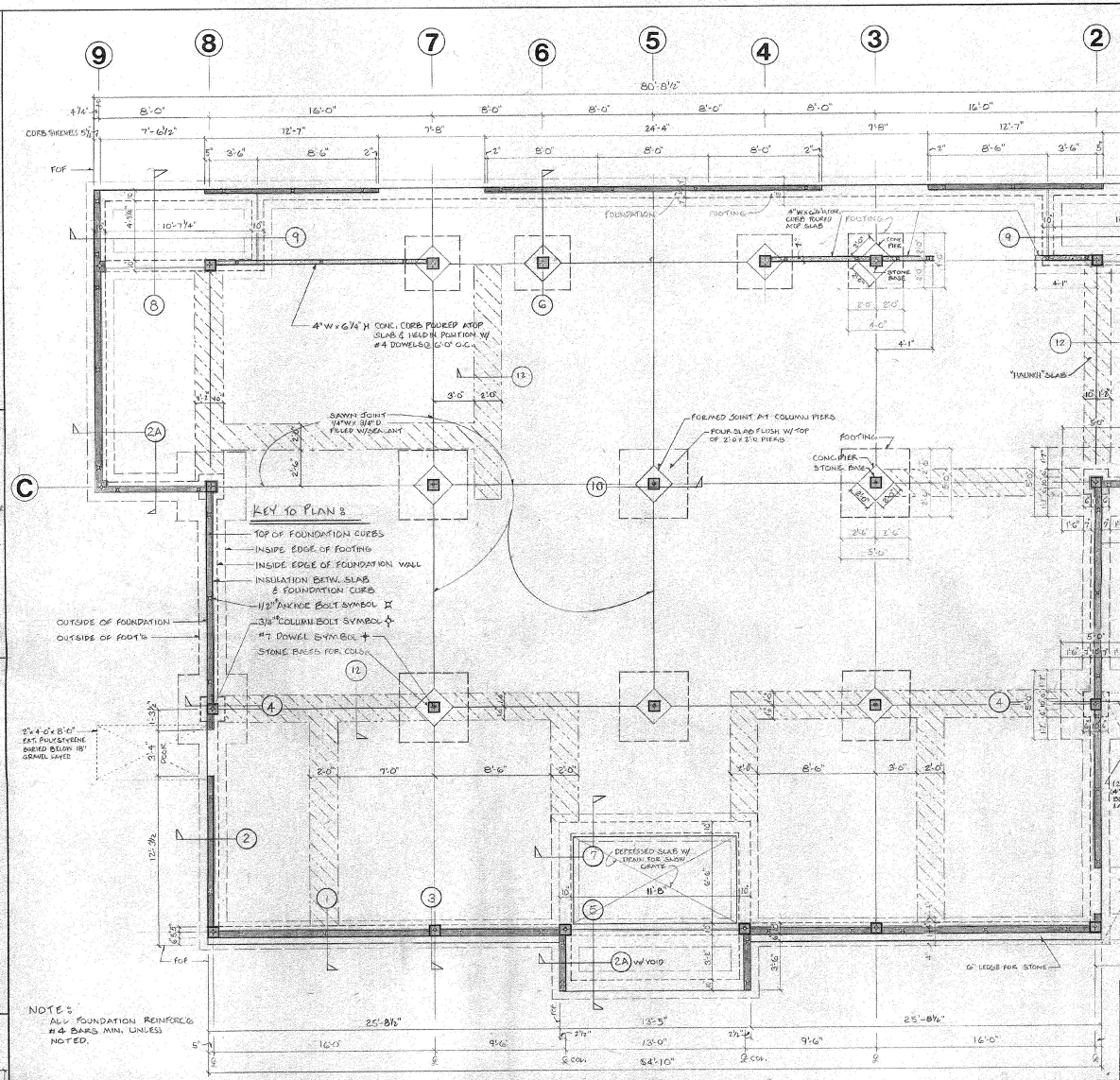
4 EXT. COL. @ WALL PIER

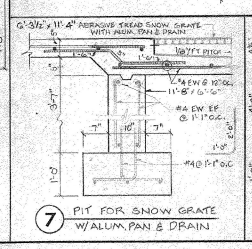


5 SECTION @ ENTRY SLAB

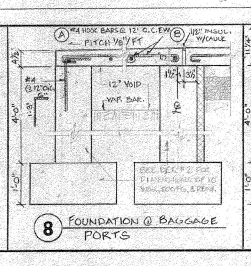


6 SECTION @ AIR-SIDE VESTIBULE

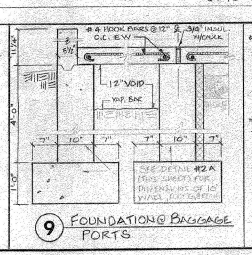




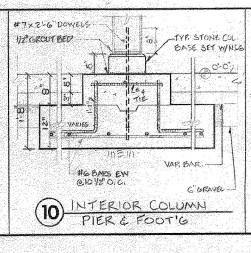
7 PIT FOR SNOW GRATE W/ ALUM. PAN & DRAIN



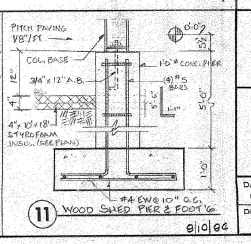
8 FOUNDATION @ BAGGAGE PORTS



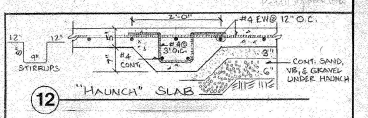
9 FOUNDATION @ BAGGAGE PORTS



10 INTERIOR COLUMN PIER & FOOT'G



11 WOOD SLED PIER & FOOT'G



12 "HAUNCH" SLAB

STATE OF VERMONT
DIVISION OF STATE BUILDINGS
AGENCY OF ADMINISTRATION
MONTPELIER, VERMONT

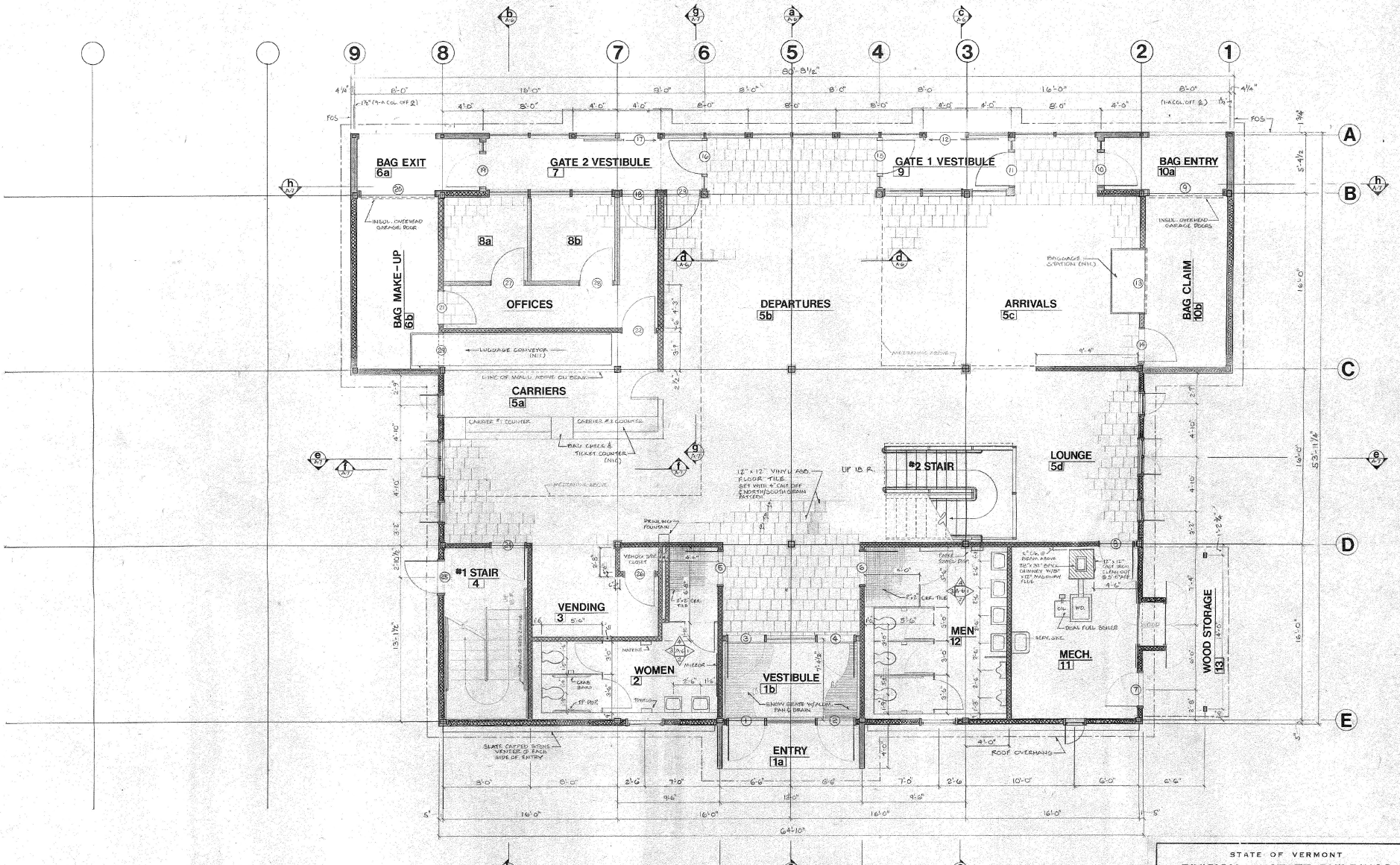
RUTLAND TERMINAL BUILDING AIR 23-2024

FOUNDATION PLAN

RUTLAND STATE AIRPORT
CLARENDON, VERMONT

DATE:	SCALE:	REVISIONS:	DWG. NO.
6-8-84	PLAN 1/8" = 1'-0" DETAILS 3/4" = 1'-0"	7/2/85 S.A. MULHERN	A-1
DRAWN BY: S.P.D.	APPROVED BY: RPA DSP		3 OF 19

6/10/86



STATE OF VERMONT
DIVISION OF STATE BUILDINGS
AGENCY OF ADMINISTRATION
MONTPELIER, VERMONT

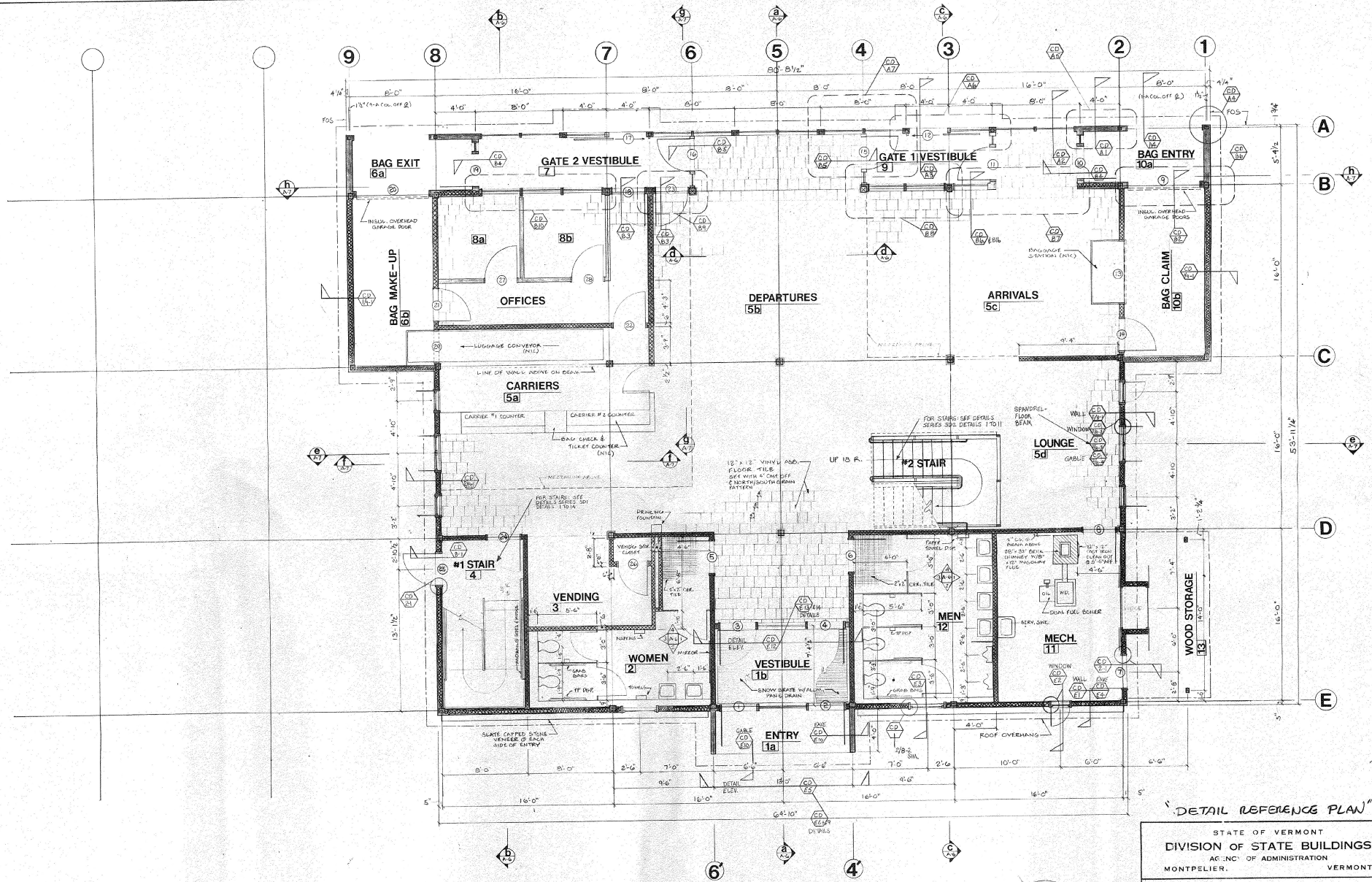
RUTLAND TERMINAL BUILDING AIR 23-2024

FIRST FLOOR PLAN

RUTLAND STATE AIRPORT
CASTLETON, VERMONT

DATE:	SCALE:	REVISIONS:	DWG. NO.
6/8/94	1/4"=1'-0"	7/2/94 SA MUHERN	A-2
DRAWN BY:	APPROVED BY:		4 OF 19
JPC	DA FOR DSP		

6/10/94



STATE OF VERMONT
DIVISION OF STATE BUILDINGS
AGENCY OF ADMINISTRATION
MONTPELIER, VERMONT

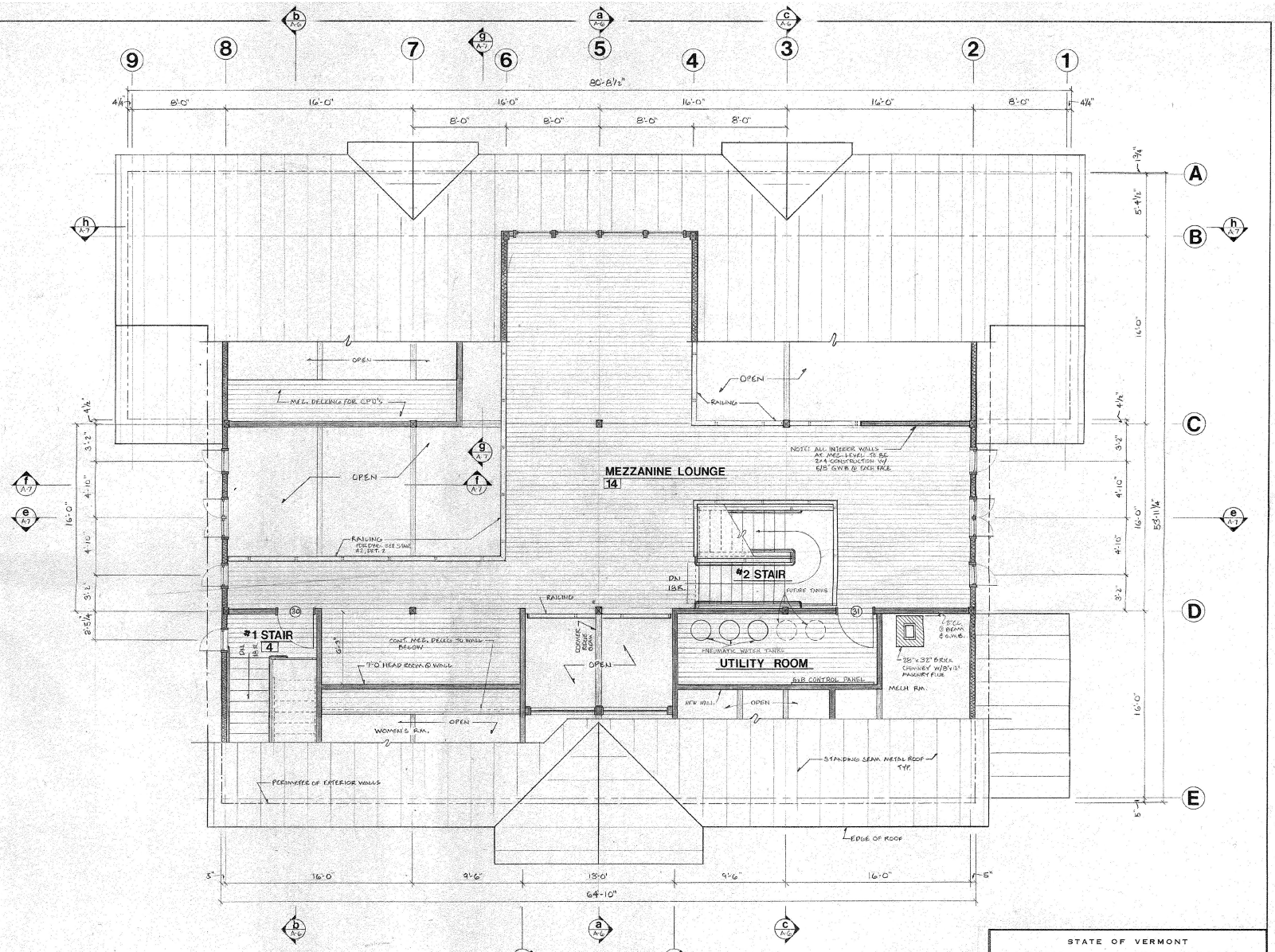
RUTLAND TERMINAL BUILDING AIR 23-2024

FIRST FLOOR PLAN

RUTLAND STATE AIRPORT
CLARENDON, VERMONT

DATE:	SCALE:	REVISIONS:	DWG. NO.
6/8/84	1/4" = 1'-0"		A-2Ref.
DRAWN BY:	APPROVED BY		5 OF 19

8/10/84



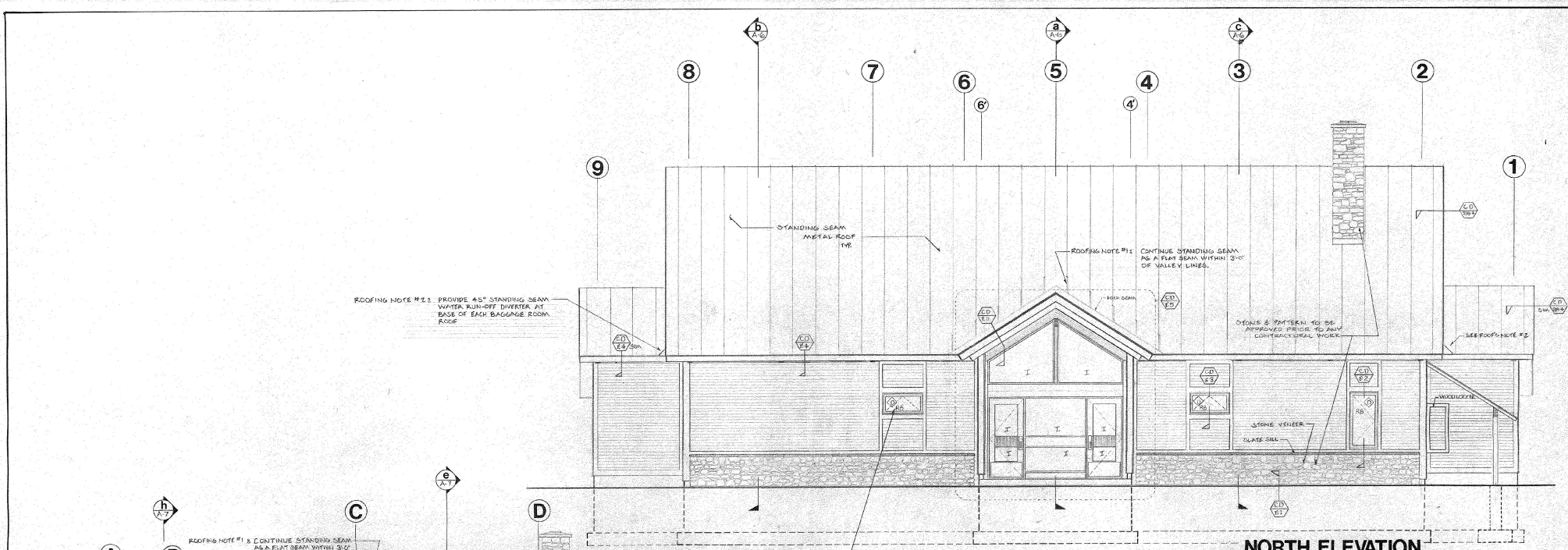
STATE OF VERMONT
DIVISION OF STATE BUILDINGS
AGENCY OF ADMINISTRATION
MONTPELIER, VERMONT

RUTLAND TERMINAL BUILDING AIR 23-2024

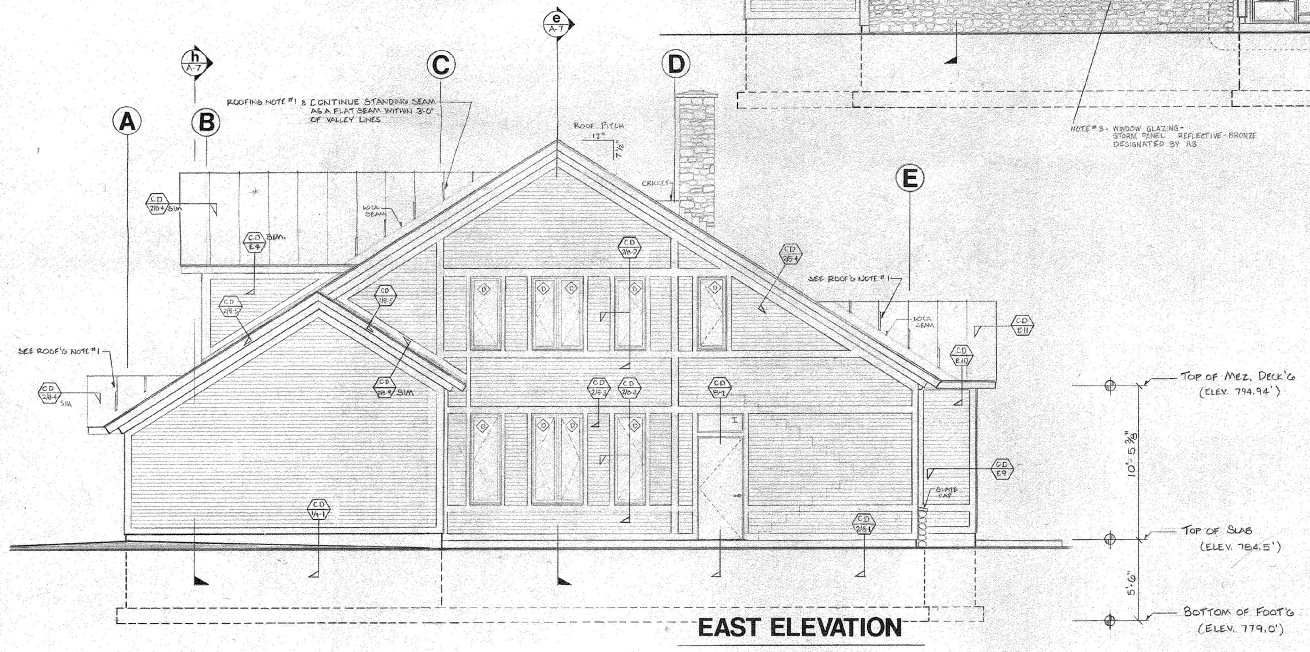
MEZZANINE PLAN

RUTLAND STATE AIRPORT
CLARENDON, VERMONT

DATE: 6-8-84	SCALE: 1/4"=1'-0"	REVISIONS: 8/27/84 S.A.MULHERN	DWG. NO. A-3
DRAWN BY: JPO	APPROVED BY: DSE		6 OF 19



NORTH ELEVATION



EAST ELEVATION

8/10/84

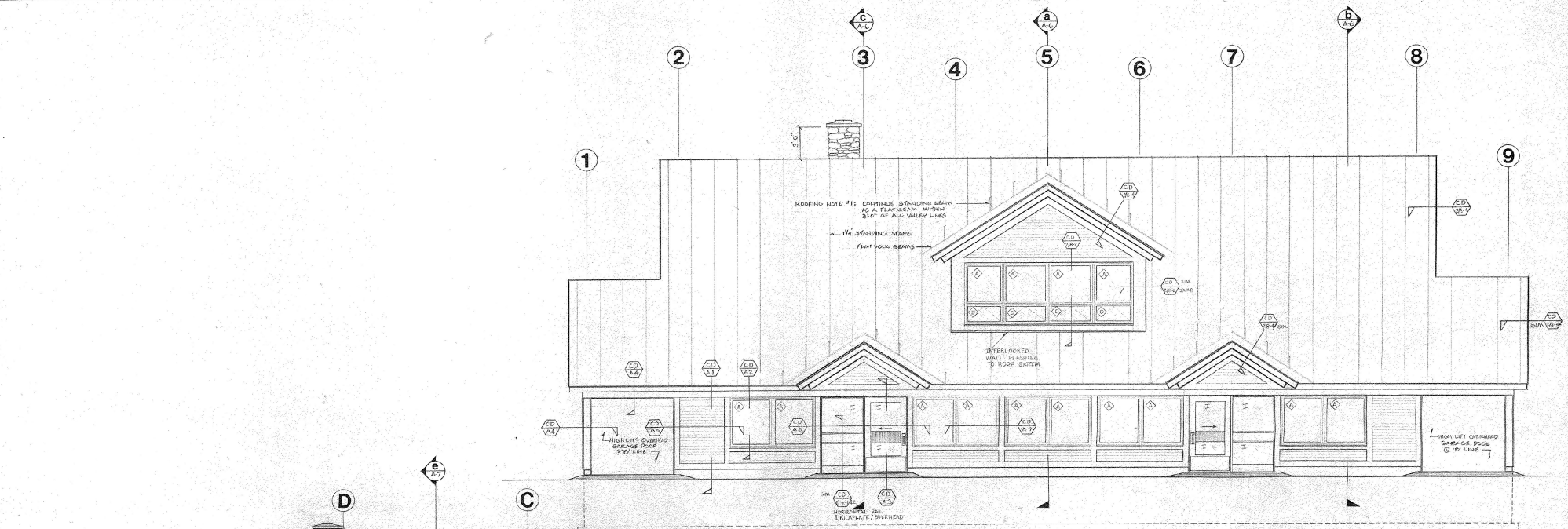
STATE OF VERMONT
DIVISION OF STATE BUILDINGS
AGENCY OF ADMINISTRATION
MONTPELIER. VERMONT

RUTLAND TERMINAL BUILDING AIR 23-2024

ELEVATIONS

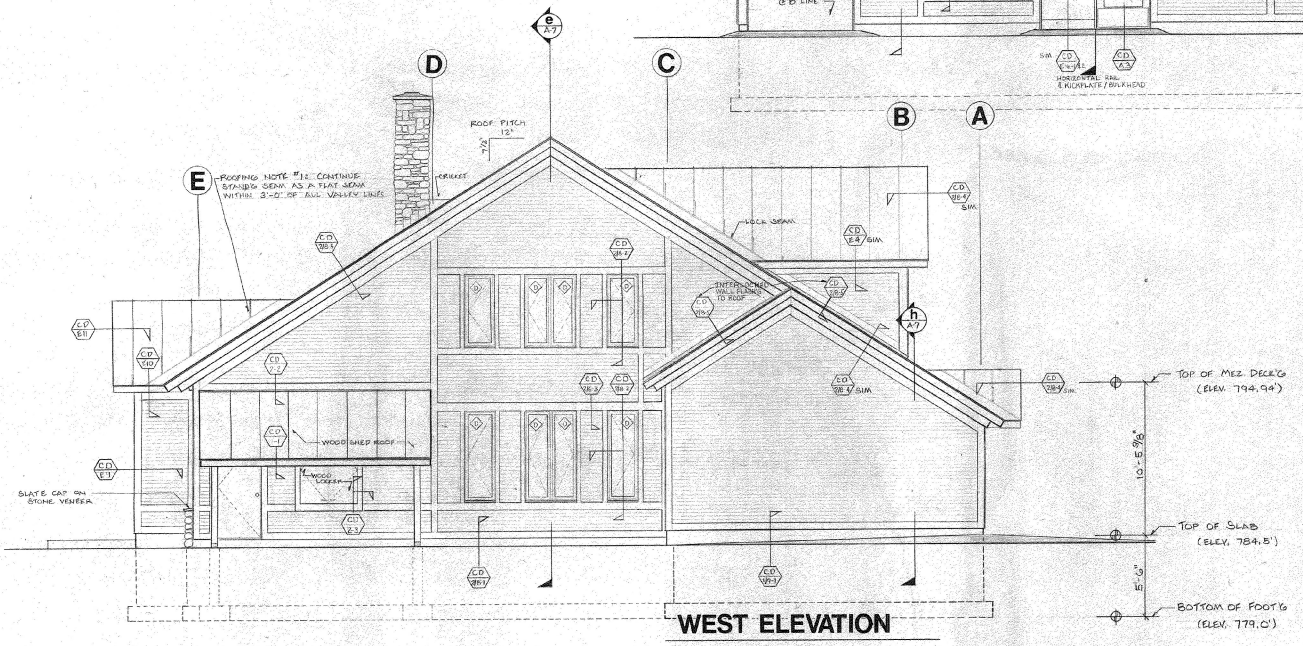
RUTLAND STATE AIRPORT
CLARENDON, VERMONT

DATE:	SCALE:	REVISIONS:	DWG. NO.
6-8-84	1/4" = 1'-0"	8/10/84 S.A. MULHERN	A-4
DRAWN BY: JTD	APPROVED BY: RA [illegible]		7 OF 19



SOUTH ELEVATION

NOTE
SEE DWG A7 FOR WINDOW UNITS AT INTERIOR WALL OF "AIR SIDE" CORRIDOR - SECTION (h)



WEST ELEVATION

8/10/84

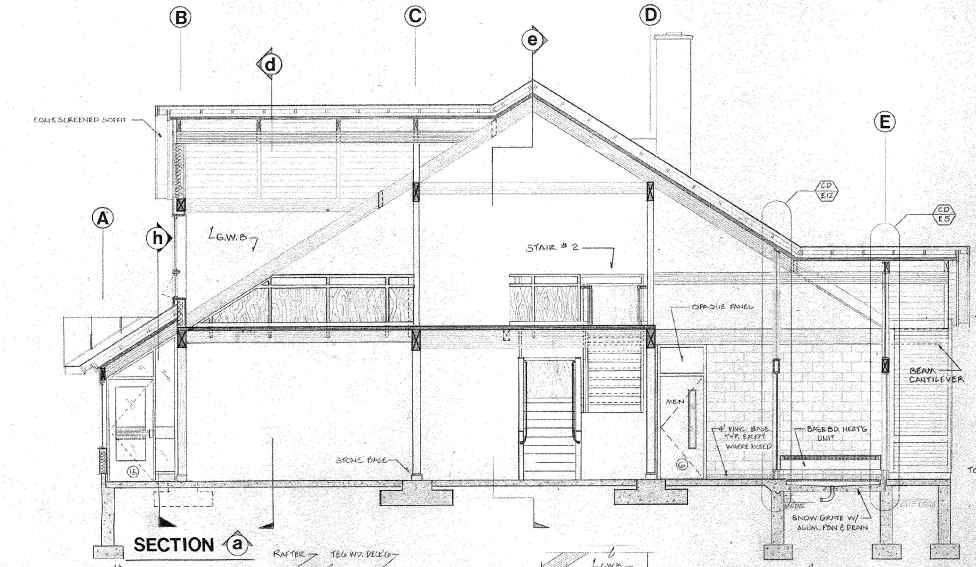
STATE OF VERMONT
DIVISION OF STATE BUILDINGS
AGENCY OF ADMINISTRATION
MONTPELIER, VERMONT

RUTLAND TERMINAL BUILDING AIR 23-2024

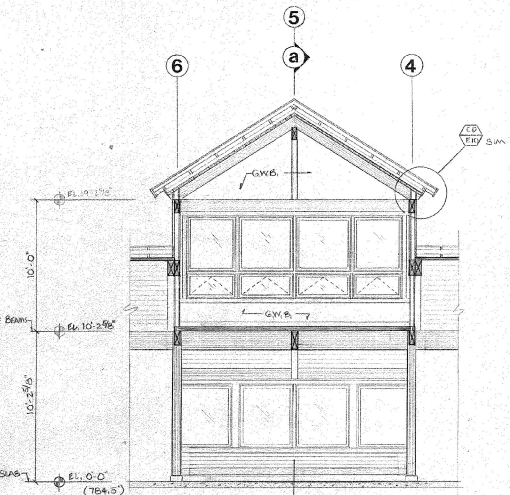
ELEVATIONS

RUTLAND STATE AIRPORT
CLARENDON, VERMONT

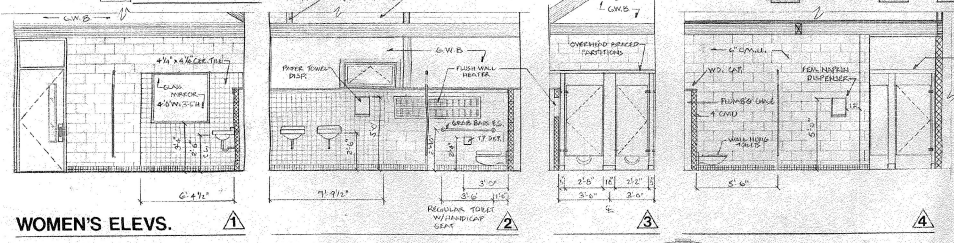
DATE:	SCALE:	REVISIONS:	DWG. NO.
6-8-84	1/4" = 1'-0"	12/7/84 S.A. NULHERN	A-5
DRAWN BY: SPG	APPROVED BY: RA PHIL DAP		8 OF 19



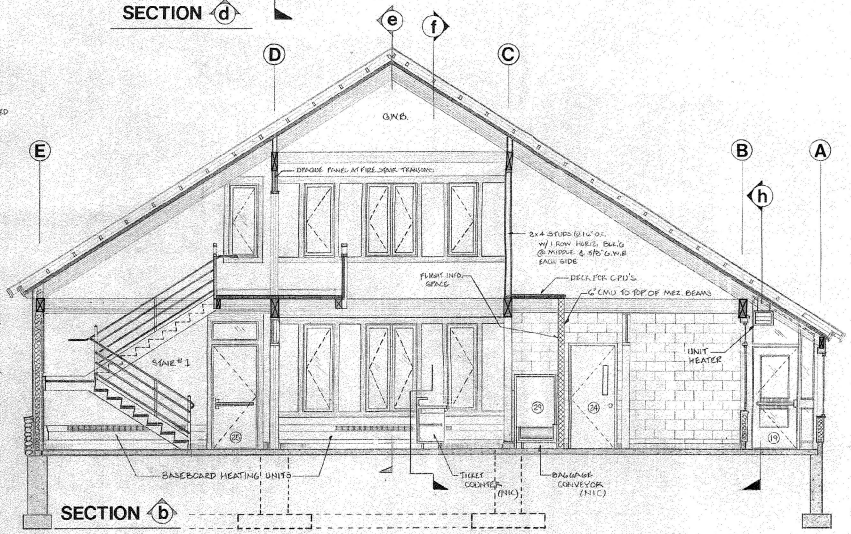
SECTION (a)



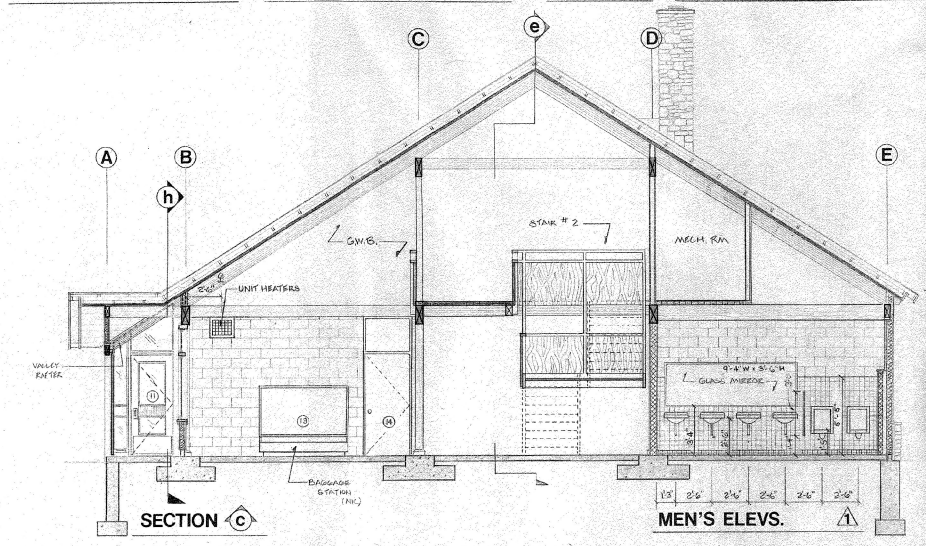
SECTION (d)



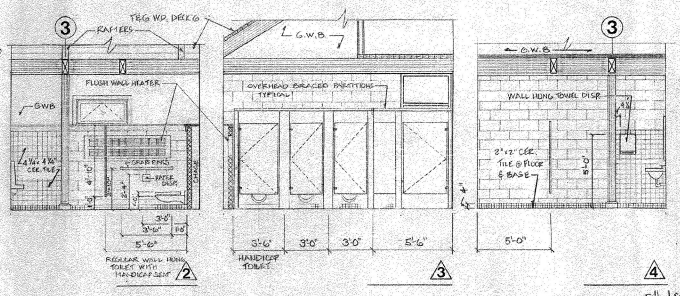
WOMEN'S ELEVS. 1 2 3 4



SECTION (b)



SECTION (c)



MEN'S ELEVS. 1 2 3 4

8/10/84

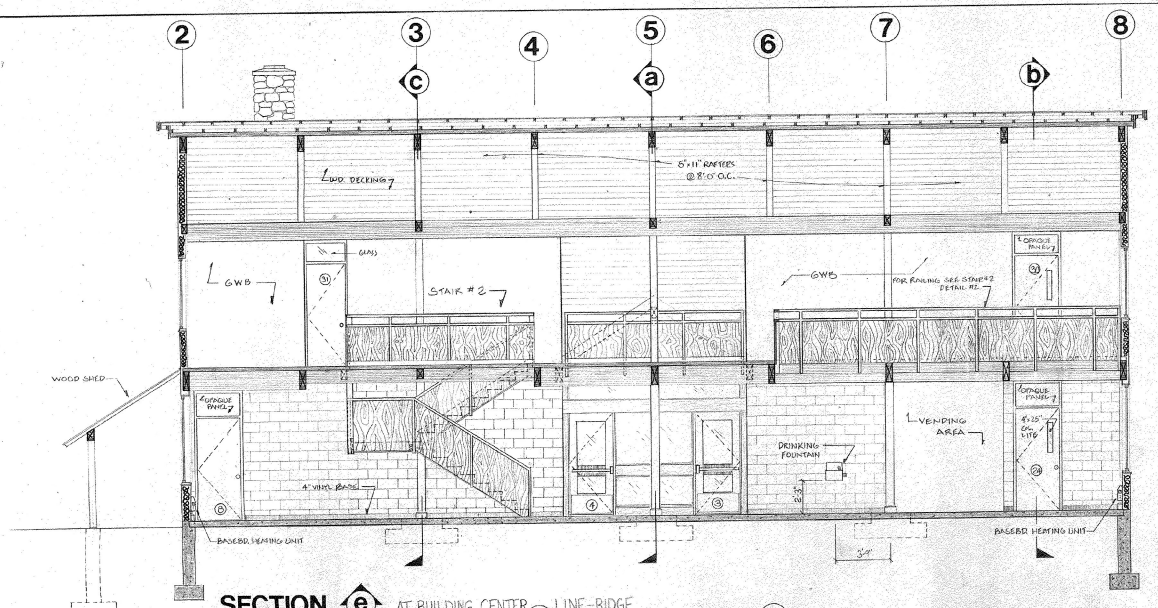
STATE OF VERMONT
DIVISION OF STATE BUILDINGS
AGENCY OF ADMINISTRATION
MONTPELIER, VERMONT

RUTLAND TERMINAL BUILDING AIR 23-2024

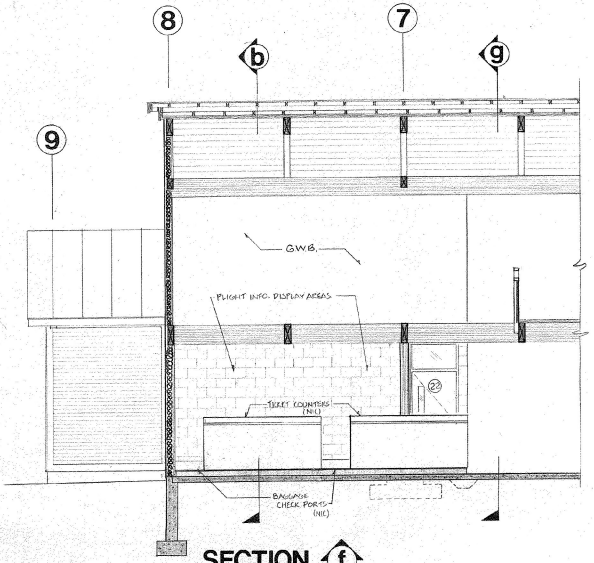
SECTIONS/INT. ELEV.

RUTLAND STATE AIRPORT
CLARENDON, VERMONT

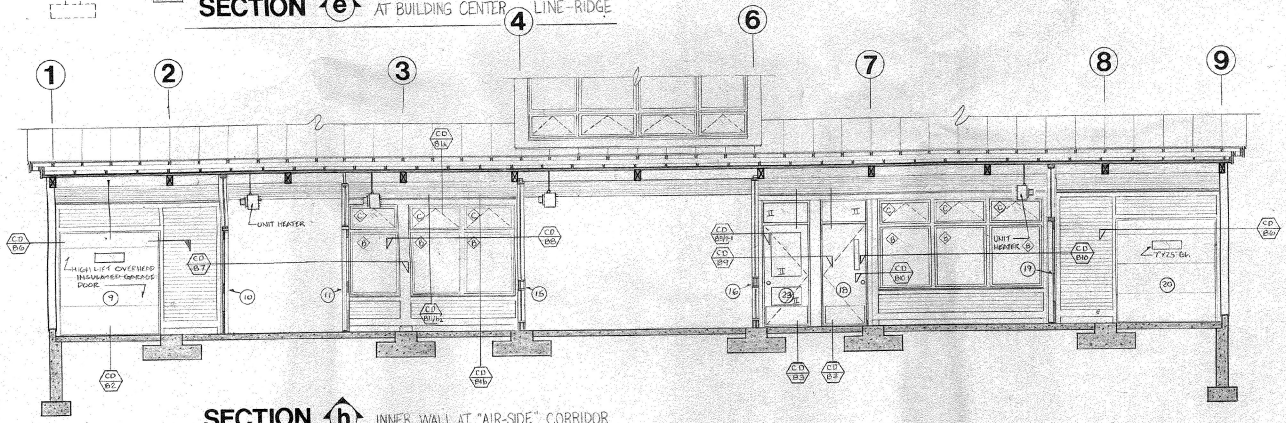
DATE: 6-8-84	SCALE: 1/4"=1'-0"	REVISIONS:	DWG. NO. A-6
DRAWN BY: JPD	APPROVED BY: RA PROJ. DSG		9 OF 19



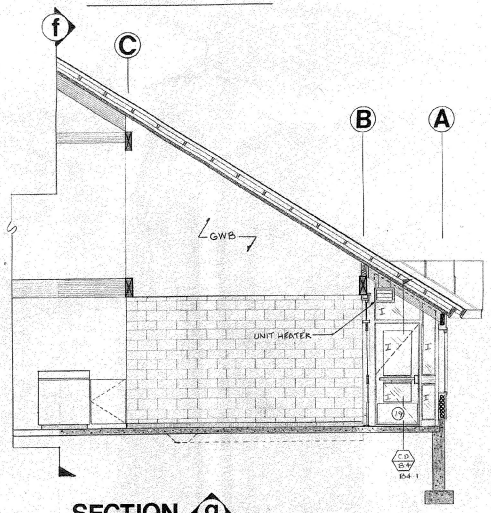
SECTION (e) AT BUILDING CENTER LINE-RIDGE



SECTION (f)



SECTION (h) INNER WALL AT "AIR-SIDE" CORRIDOR



SECTION (g)

STATE OF VERMONT
DIVISION OF STATE BUILDINGS
AGENCY OF ADMINISTRATION
MONTPELIER, VERMONT

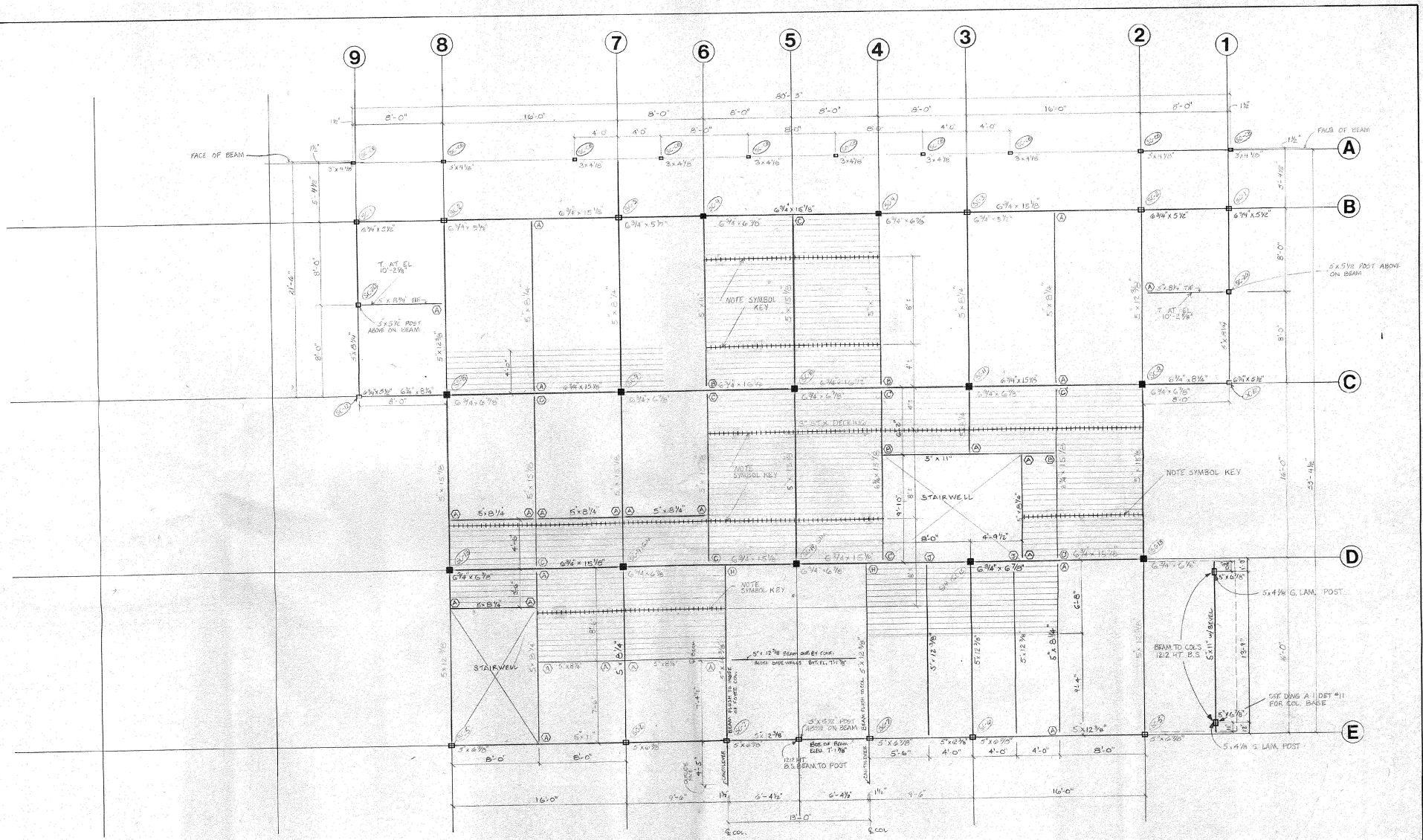
RUTLAND TERMINAL BUILDING AIR 23-2024

SECTIONS/INT. ELEV.

RUTLAND STATE AIRPORT
CLARENDON, VERMONT

DATE:	SCALE:	REVISIONS:	DWG. NO.
6-8-84	1/4" = 1'-0"	6/21/84 SA.MULHERN	A-7
DRAWN BY: JPO	APPROVED BY: MA FOR DSB		10 OF 19

9/10/84



NOTE: 1. TOP OF ALL BEAMS AT 10'-2⅝" EXCEPT AS NOTED AT ENTRANCE (13'-0" SPAN).
2. FOR CONNECTIONS (C-1) ETC. SEE STRUCTURAL CONNECTION DETAIL DWGS. SERIES SC-1 TO SC-11 & SC-22; SCHEDULE OF BEAM TO BEAM OR COL CONNECTION FOR (A) (B) (C) ETC. DESIGNATED
3. STANDARD CORRECTIONS I.E.: 1212 HT. BBL HST 2x12, 1212HL, 1212L, ETC. AS INDICATED BY THE SIMPSON CO. - "STRONG-TIE"

KEY

- COLUMN STOPS BENEATH BEAM
- COLUMN CONTINUES
- FIRST COLUMN DIMENSION
- SECOND COLUMN DIMENSION
- ROUT OUT AT UNDERSIDE (DECK SOFFIT) ¾" DEEP x 1⅛" AT ℄ OF DECKING PLANK UNIT, CONTINUOUS FOR FULL LENGTH OF DECKING

6/10/84

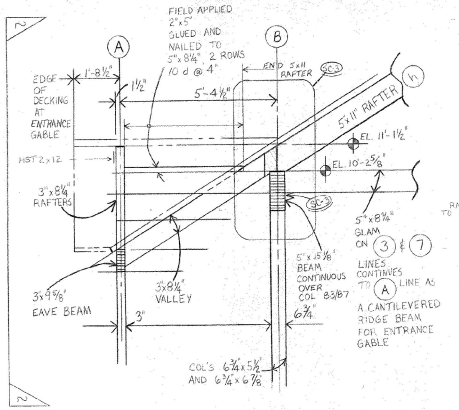
STATE OF VERMONT
DIVISION OF STATE BUILDINGS
AGENCY OF ADMINISTRATION
MONTPELIER, VERMONT

RUTLAND TERMINAL BUILDING AIR 23-2024

MEZZANINE FRAMING

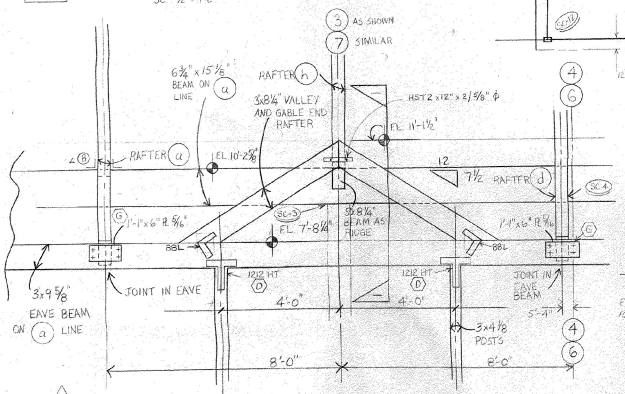
RUTLAND STATE AIRPORT
CLARENDON, VERMONT

DATE:	SCALE:	REVISIONS:	DWG. NO.
6-8-84	1/4"=1'-0"	7/26/84 S.R.MULHERN	SF-1
DRAWN BY: SPC	APPROVED BY: [illegible]		11 OF 19



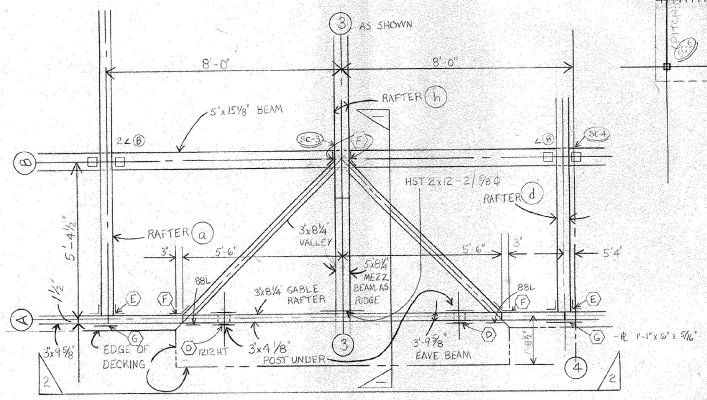
1-1 SECTION - AIR-SIDE GABLE ENTRANCE FRAMING

SC. ½"=1'-0"



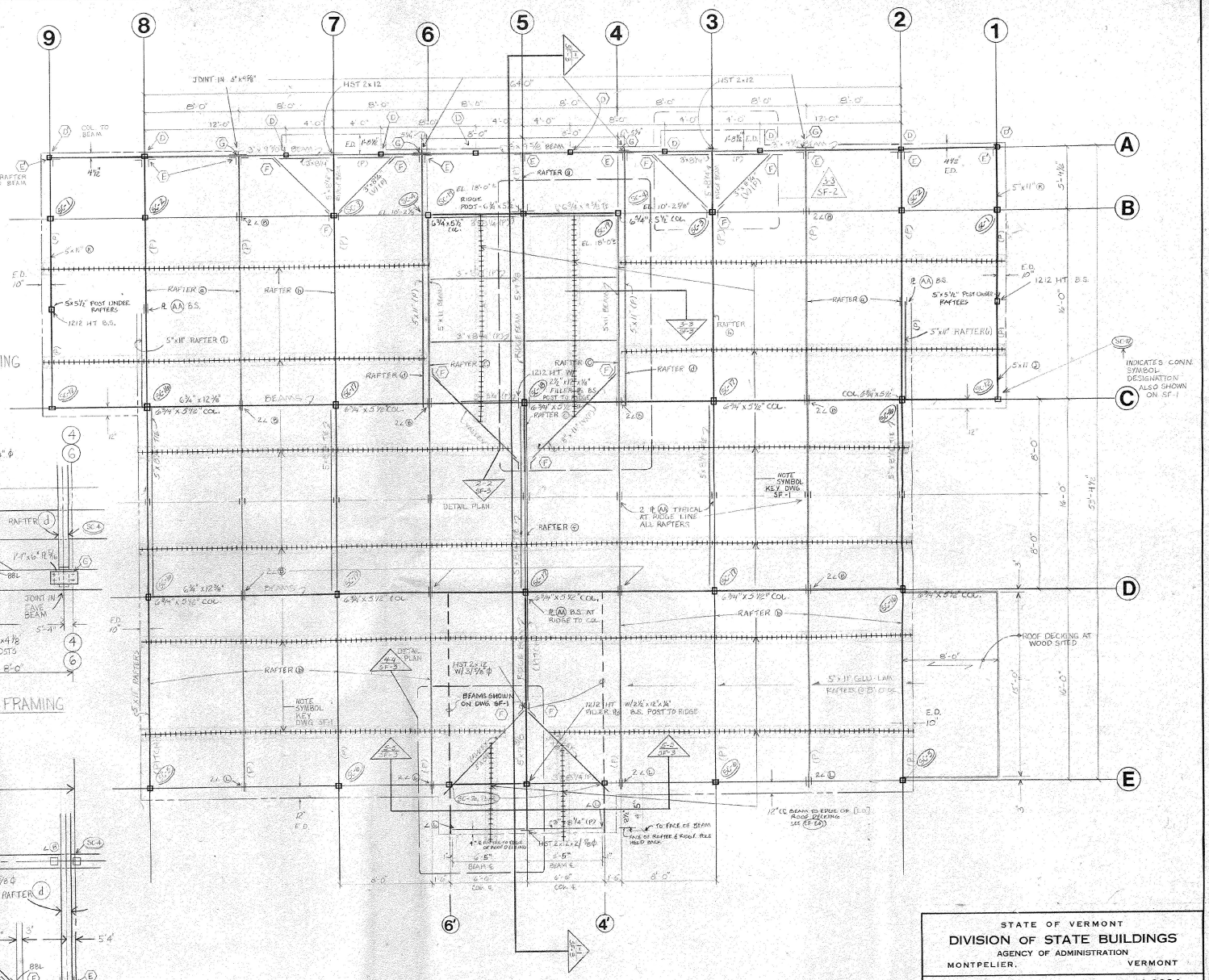
2-2 ELEVATION - AIR-SIDE GABLE ENTRANCE FRAMING

SC. ½"=1'-0"



3-3 FRAMING PLAN - AIR-SIDE GABLE ENTRANCE ROOF DETAIL

SC. ½"=1'-0"



STATE OF VERMONT
DIVISION OF STATE BUILDINGS
AGENCY OF ADMINISTRATION
MONTPELIER, VERMONT

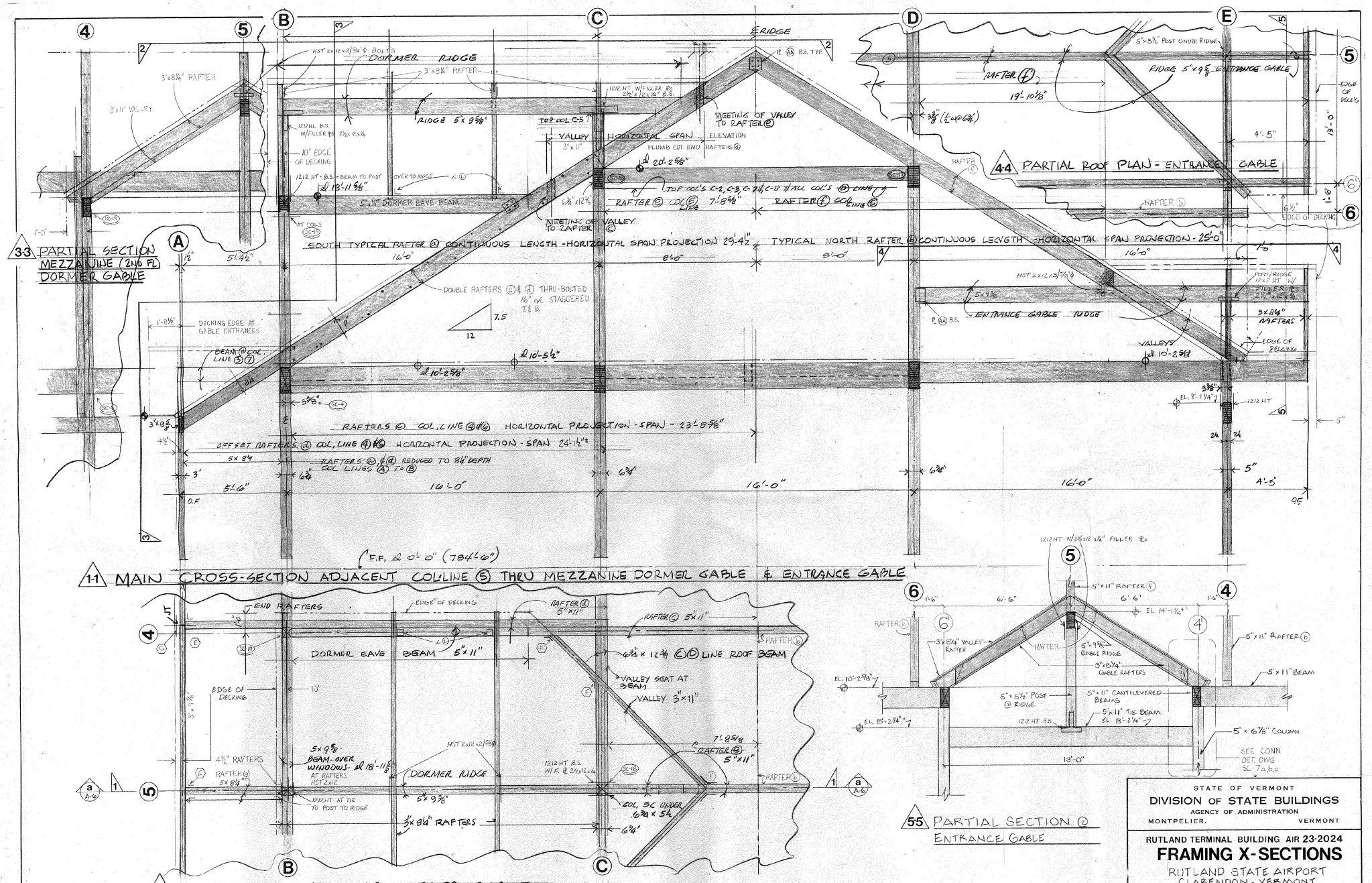
RUTLAND TERMINAL BUILDING AIR 23-2024

ROOF FRAMING

RUTLAND STATE AIRPORT
CLARENDON VERMONT

DATE:	SCALE:	REVISIONS:	DWG. NO.
6/18/84	1/4" = 1'-0"	7/10/84 RA MULHERN	SF-2
DRAWN BY:	APPROVED BY:		12 OF 19
JPC	RA RM DSB		

8/10/84



3-3 PARTIAL SECTION MEZZANINE (2ND FL) DORMER GABLE

1-1 MAIN CROSS-SECTION ADJACENT COL. LINE 5 THRU MEZZANINE DORMER GABLE & ENTRANCE GABLE

2-2 PARTIAL PLAN MEZZANINE DORMER GABLE

4-4 PARTIAL ROOF PLAN - ENTRANCE GABLE

5-5 PARTIAL SECTION 2 ENTRANCE GABLE

8/10/94

STATE OF VERMONT
DIVISION OF STATE BUILDINGS
AGENCY OF ADMINISTRATION
MONTPELIER, VERMONT

RUTLAND TERMINAL BUILDING AIR 23-2024

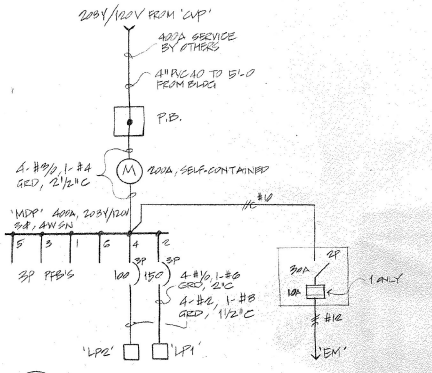
FRAMING X-SECTIONS

RUTLAND STATE AIRPORT
CLARENDON, VERMONT

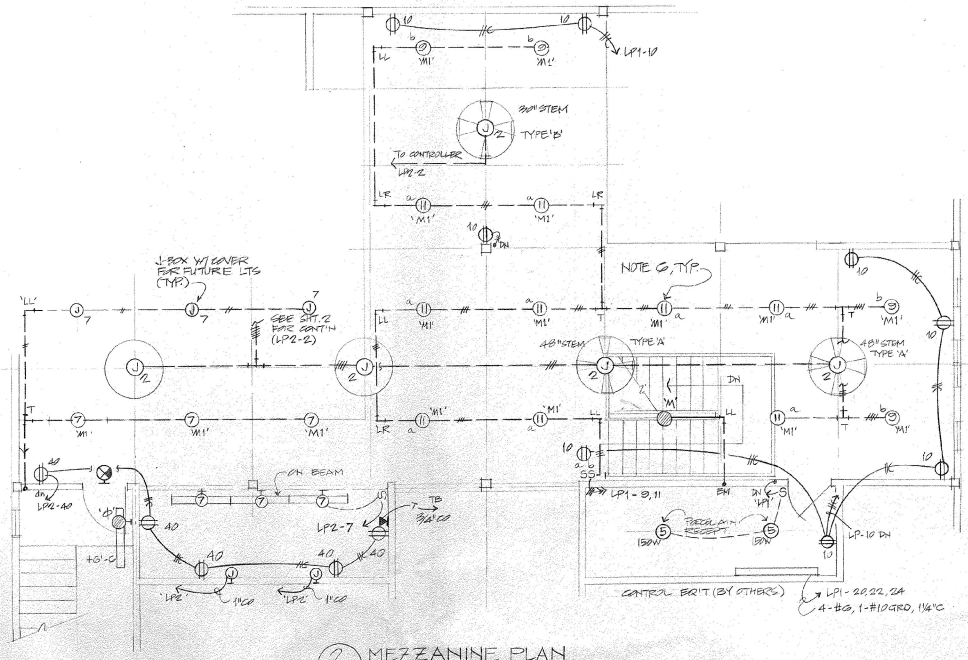
DATE:	SCALE:	REVISIONS:	DWG. NO.
6/8/94	1/2" = 1'-0"	7/10/94 S.MULHERN	SF-3
DRAWN BY: RA / JPD	APPROVED BY: [illegible] DGB		13 OF 19

LIGHTING FIXTURE SCHEDULE

Type	Description	Lamps	Equal to
A	FLUORESCENT 2-LAMP WRAP-AROUND WITH PRISMATIC ACRYLIC DIFFUSER	2-F40WW	LITHONIA SC240
B	OPEN		
C	SIMILAR TO 'A', 4 LAMPS	4-F40WW	LITHONIA SC440
D	FLUORESCENT 24 X 48 SURFACE WITH 4 LAMPS, 1/2 X 1/2 X 1/2 ALUM. EGGCRATE DIFFUSER, PAINT AS DIR'D	4-F40WW	DAY-BRITE "DAYLUME"
E	SIMILAR TO 'D', 24 X 48, 2-LAMP	2-F40WW	
F	SAME AS 'E', BUT WITH 2 SINGLE LAMP BALLASTS		
G	FLUORESCENT OPEN STRIP, 2-LAMP	2-F40WW	LITHONIA C140
H	FLUORESCENT OPEN STRIP, 1-LAMP	1-F40WW	LITHONIA C240
I	WALL MOUNTED SINGLE-LAMP FLUOR. METAL BOX SHIELD, BRONZE FIN.	1-F40WW	LIGHTOLIER CD4-4241
II	SAME AS 'I', BUT WITH LO-TEMP BALLASTS		
J	SIMILAR TO 'I', BUT 8 FT LONG	2-F40WW	LIGHTOLIER CD4-4281
K	WALL-MOUNTED SINGLE-LAMP FLUOR. OPAL ACRYLIC WRAP-AROUND DIFF'R	1-F40WW	PRESCOLITE 3087
L	EXTERIOR INCAND. WALL BRACKET, 6 IN. DIA., BRONZE FIN.	A19 91W	PRESCOLITE 1165-363
M	INCAND. PENDANT 6-IN. CYLINDER BRONZE FIN.	PAR-38 136W FL	PRESCOLITE 1125-920
M1	SAME AS 'M'	R-30, 75W	
N	INCAND. SURFACE 5-IN. CYLINDER BRONZE FIN.	R-30 75W	PRESCOLITE 1102-910
O	FLUORESCENT SINGLE-LAMP VANDAL PROOF, POLY CARB LENS	F40WW	KENALL 7140
O1	SAME AS 'O' BUT WITH LO-TEMP BALLAST		



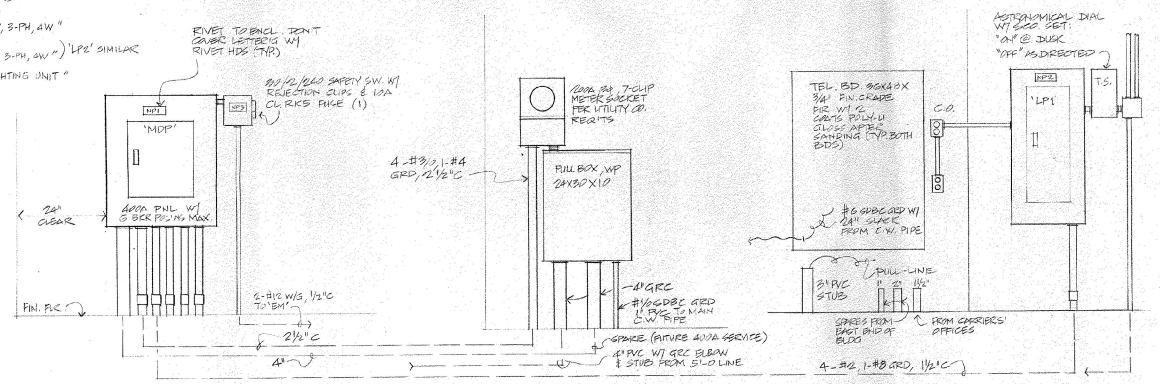
2 / E-1 SINGLE-LINE DIAG.
NO SCALE



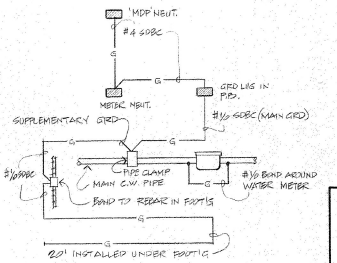
2 / E-1 MEZZANINE PLAN
SCALE: 1/4" = 1'-0"

NAME PLATES
PLASTIC LAMINATE YELLOW W/ BLACK LETTERS

NP1 " PANEL 'MDP' 400A, 120/208V, 3-PH, 4W "
NP2 " PANEL 'LP1' 100A, 120/208V, 3-PH, 4W ") 'LPE' SIMILAR
NP3 "EMERGENCY LIGHTING UNIT"



1 / E-1 EQ'T ELEVATIONS
SCALE: 3/4" = 1'-0"



GRD'G PLAN

SYMBOL LEGEND

- Branch circuits concealed in ceiling or wall, 2 No. 12 wires in raceway unless otherwise noted. Hash marks indicate number of wires when more than two.
- Branch circuit as above concealed in floor or ground.
- Branch circuit as above exposed.
- Auxiliary circuit (T = telephone, S = sound, &c).
- Home run to panelboard or cabinet (No. of arrows = No. circuits).
- Fluorescent light fixture, ceiling mounted, with circuit number inside and type designation outside.
- Fluorescent fixture, wall mounted, as above.
- Fluorescent strip fixture, ceiling mounted, as above.
- Fluorescent strip fixture, wall mounted, as above.
- Incandescent fixture, ceiling mounted, as above. PC = PULL CHAIN
- Incandescent fixture, wall mounted, as above.
- Exit light, ceiling mounted, directional arrows as required.
- Exit light, wall mounted. FACE INDICATED SELF ILLUMINATED.
- Junction box installed in floor or ceiling.
- Junction box installed in wall.
- Duplex convenience outlet, 2P, 3W grounding type. +12" U.O.N. COORDINATE W/ BASEBD HEATERS
- Duplex outlet as above, SPLIT WIRED
- Convenience outlet installed in floor.
- Special purpose outlet, rating as noted.
- Clock outlet.
- Telephone outlet.
- Telephone outlet installed in floor.
- Wall switch, single-pole (P = pilot light). +48", U.O.N.
- Wall switch, double-pole.
- Wall switch, three-way (4 = 4-way).
- Dimmer, rating as noted.
- Panelboard, power.
- Panelboard or load center, lighting.
- Telephone cabinet.
- Electric Motor with HP noted.
- Fractional HP motor less than 1/8 HP.
- Safety switch, HP-rated, non-fusible unless otherwise noted.
- Magnetic motor starter, across-the-line unless otherwise noted.
- Manual motor starter.
- Dry-type transformer, rating as noted.
- Fire alarm pull station.
- Fire alarm bell with bell diameter noted.
- Fire alarm annunciator panel.
- Fire alarm control cabinet.
- Fire alarm detector, temperature type.
- Fire alarm detector, smoke type.
- Signal outlet installed in ceiling (I = intercom, S = speaker, TV = television, M = microphone, PA = public address, V = volume control).
- Signal outlet installed in floor.
- Signal outlet installed in wall.
- Bell.
- Buzzer.
- Push button.
- T'STAT, PROVIDED BY MECH.

CEILG FAN, CONTRACTOR PROVIDED
TYPE 'A' 52", HUNTER 22272/22300
TYPE 'B' 58", HUNTER 22270/22300
COMPLETE W/ VARIABLE SPEED CONTROL

STATE OF VERMONT
DIVISION OF STATE BUILDINGS
AGENCY OF ADMINISTRATION
MONTPELIER, VERMONT

RUTLAND TERMINAL BUILDING AIR 23-2024

MEZZ. ELEC. PLAN & DETS.

RUTLAND STATE AIRPORT
CLARENDON, VERMONT

STATE OF VERMONT — No. 3813 — REGISTERED PROFESSIONAL ENGINEER

9/10/84

Wakefield Ward & Associates, Ltd.
Consulting Electrical Engineer

DATE:	SCALE:	REVISIONS:	DWG. NO.
JUNE 21, 1984	AS NOTED		E-1
DRAWN BY:	APPROVED BY:		14 OF 19

PANEL 'LP1'

VOLTS 208/120	MAIN BKR –
PHASE 3	LUGS ONLY ✓
NEUTRAL 4W	BKR TYPE QB
BUS 225A	BKR A.I.C. 10K

FEED: BOTTOM ✓ TOP
MTG: SURFACE ✓ FLUSH
TYPE: PANELBD ✓ LOAD CTR
DOOR: WITH ✓ WITHOUT

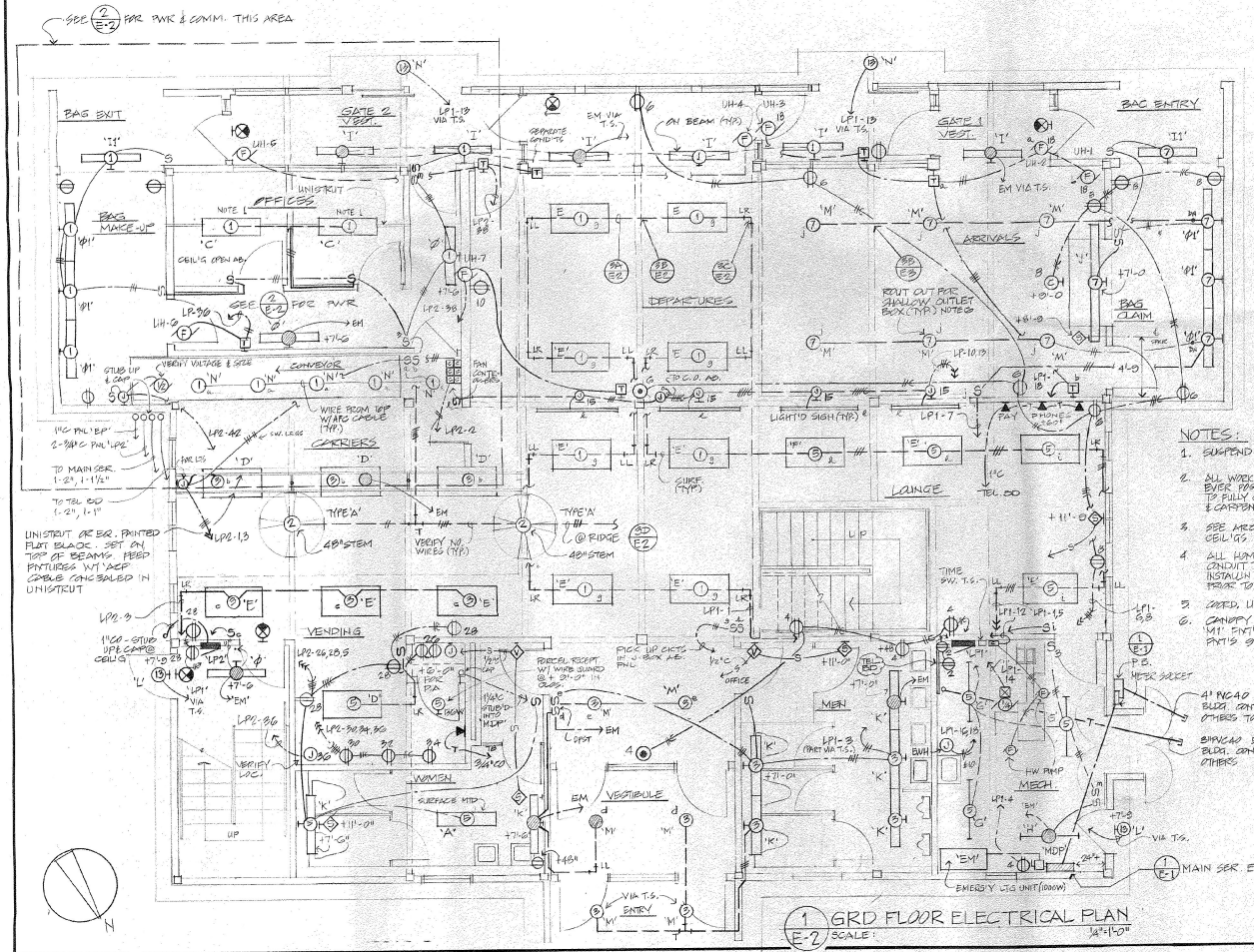
CKT NO.	LOAD	QTY	BKR P	BKR A	L1	L2	L3	BKR A	BKR P	QTY	LOAD	CKT NO.
1	LTG	8	1	20	900	360		20	1	2	C.O.S. (TEL)	2
3	" (PART ON T.S.)	5					350 300			6	"	4
5	"	9					350 1050			8	"	6
7	"	11			1200 1080					8	" 1 CLOCK	8
9	"	4				300 1440				8	"	10
11	"	9					675 700	30	2	1	CIRC PUMPS CONTROL	12
13	" EXTR. (T.S.)	4			350 570			60	2	1	BOILER BLOWER	14
15	" SIGN	4				400 2250		20	1	1	EWH	16
17	SPARE						250 1450	60	3		WATER PUMPS	18
19	SPARE				1320 3900						"	20
21	SPARE					3900					"	22
23							3900				"	24
25					– –					1	PAB	26
27						– –						28
29							– –					30
31					– –							32
33						– –						34
35							– –					36
37					– –							38
39						– –						40
41							– –					42
SUB-TOTAL					2350 5610	1650 9030	1625 7550		HIGH LEG CURRENT		REMARKS	
CONNECTED LOAD / PHASE					8460	9780	9375		78A			
DEMAND LOAD / PHASE C.O.S. = .03					7742	9570	9125					
TOTAL DEMAND LOAD					25,237 VA							

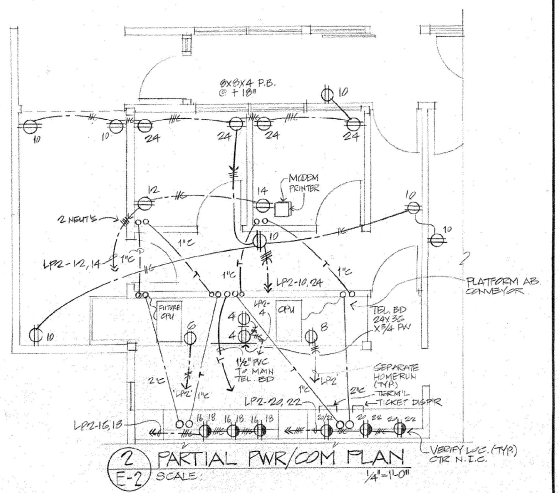
PANEL 'LP2'

VOLTS 208/120	MAIN BKR 100AT
PHASE 3	LUGS ONLY –
NEUTRAL 4W	BKR TYPE QB
BUS 225A	BKR A.I.C. 10K

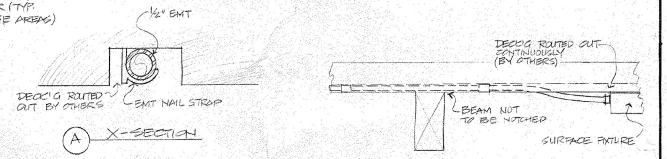
FEED: BOTTOM ✓ TOP
MTG: SURFACE FLUSH ✓
TYPE: PANELBD ✓ LOAD CTR
DOOR: WITH ✓ WITHOUT

CKT NO.	LOAD	QTY	BKR P	BKR A	L1	L2	L3	BKR A	BKR P	QTY	LOAD	CKT NO.
1	LTG	11	1	20	675 1000			20	1	5	PANL	2
3	"	9				900 1000				2	TEL. E.D.'s	4
5	"	4					900 900			1	CPU	6
7	"	8			1050 1000					1	CPU	8
9	SPARE	–				540 1260				7	C.O.S	10
11	SPARE	–					900 900			1	PRINTER/MODEM	12
13	PAB	–			– 900					"	"	14
15		–				– 360				8	CLKS, ETC	16
17		–					– 360			8	" "	18
19		–			– 360					8	" "	20
21		–				– 360				8	" "	22
23		–					– 720			4	" OFFICES	24
25		–			– 540					6	P.A. SYSTEM	26
27		–				– 900				5	C.O.S	28
29		–					– 540			1	VEND'G MACH.	30
31		–			– 540					1	" "	32
33		–				– 540				1	" "	34
35		–					– 1800			1	EWH	36
38		–			– 600					4	UNIT HTRS	38
39		–				– 900				8	E.C.U. 20" FLR	40
41		–					– 1100			1	CONVEYOR	42
SUB-TOTAL					2925 4260	1440 4860	1000 5400		HIGH LEG CURRENT		REMARKS	
CONNECTED LOAD / PHASE					6285	6300	6400		51A			
DEMAND LOAD / PHASE C.O.S. = .05					6105	4470	5940					
TOTAL DEMAND LOAD					16,485 VA							

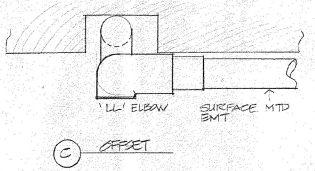


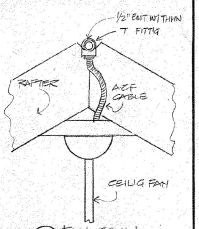


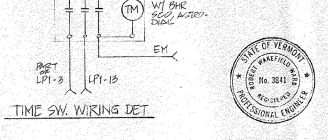
+6'-0" APP. CLGRD. FOR CLEARANCE W/ OPENING ACTION OF OUTSIDE DOOR (TYP. BOTH BAGGAGE AREAS)



NOTES:
1. SUSPEND @ 9'-0" TO TOP OF FIXT.
2. ALL WORK SHALL BE CONCEALED WHERE-EVER POSSIBLE. ELEC. CONTR. IS EXPECTED TO FULLY COORDINATE HIS WORK W/ MASONS & CARPENTERS.
3. SEE ARCH. DWGS FOR ROUTED AREAS IN CEIL'GS. FOR RUNNING SURFACE CONDUIT
4. ALL HOMERUNS VIA FLOOR SLABS. BURIED CONDUIT TO BE KEPT TO MINIMUM. SEE INSTALLN DETAILS. COORDINATE W/ ARCH. PRIOR TO INSTALLATION.
5. COORD. UNIT HTR WIRING W/ MECH.
6. CANOPY TO FIT FLUSH W/ DECKING. BOTT. OF 'M1' FIN'T'S @ 81'-6" A.B. 2ND FLR DECK'G. 'M' FIN'T'S 91'-6" A.B. FIN. GRD FLR







3/E-2 WIRING DET'S @ CEIL'G N.T.S.

4" PVC AD 5'-0" FROM BLDG. CONT'N BY OTHERS TO XFMR
3 #1/0 AL + #2 GND 4" PVC AD 5'-0" FROM BLDG. CONT'N BY OTHERS

STATE OF VERMONT
DIVISION OF STATE BUILDINGS
AGENCY OF ADMINISTRATION
MONTPELIER, VERMONT

RUTLAND TERMINAL BUILDING AIR 23-2024

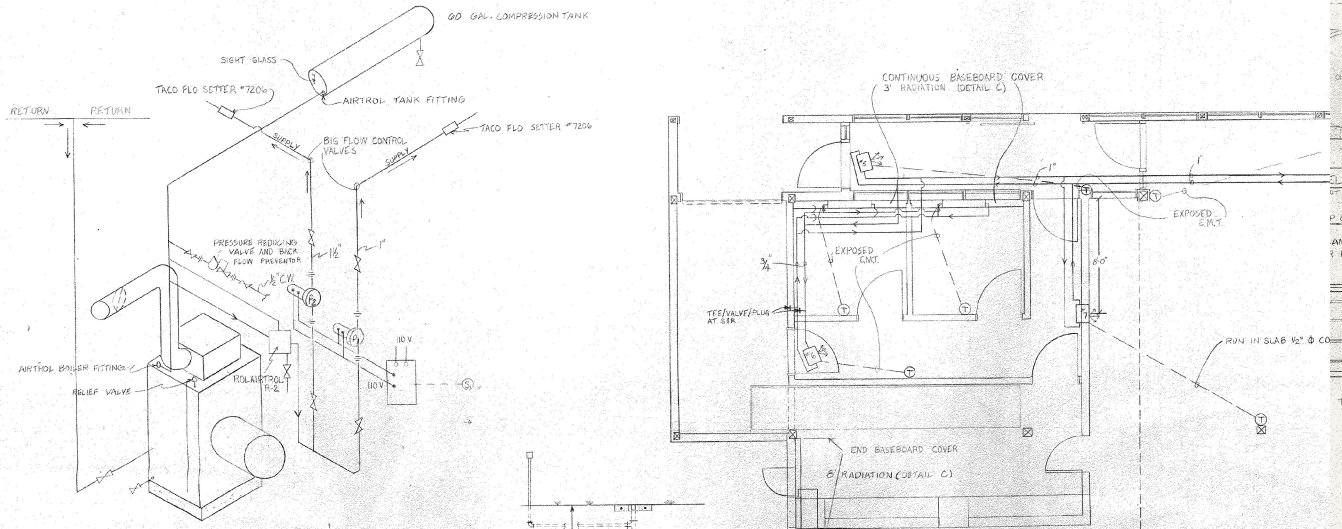
FIRST FLOOR ELEC. PLAN

RUTLAND STATE AIRPORT
CLARENDON, VERMONT

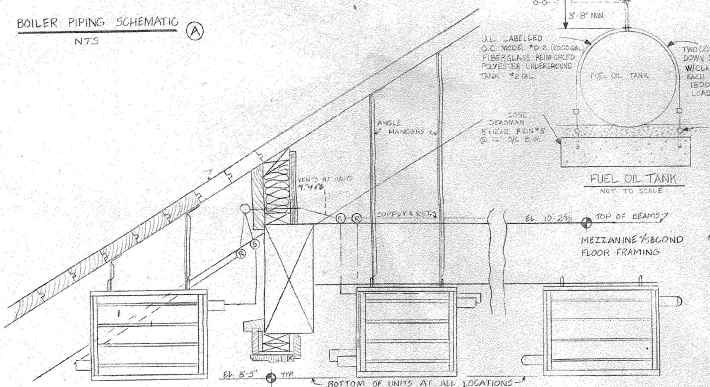
DATE: JUNE 21, 1984	SCALE: AS NOTED	REVISIONS:	DWG. NO. E-2
DRAWN BY:	APPROVED BY:		15 OF 19

9/10/84

Wakefield Ward & Associates, Ltd. Consulting Electrical Engineer



BOILER PIPING SCHEMATIC (A)
NTS



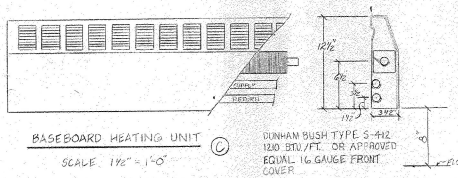
UNITS #2, #3, #4 & #5 HUNG FROM DECK

UNITS #1 & #6 HUNG FROM DECK

UNIT #7 THRU WALL UNIT

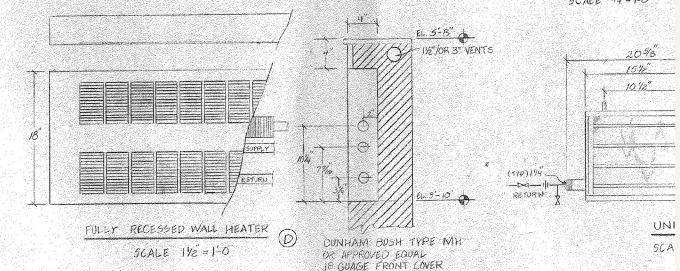
* ALL PIPES GOING TO AND FROM UNIT HEATERS ARE TO BE INSULATED
INSTALL AUTOMATIC AIR VENTS AT ALL HIGH POINTS.

HEATING DETAIL (B)
SCALE 1½" = 1'-0"



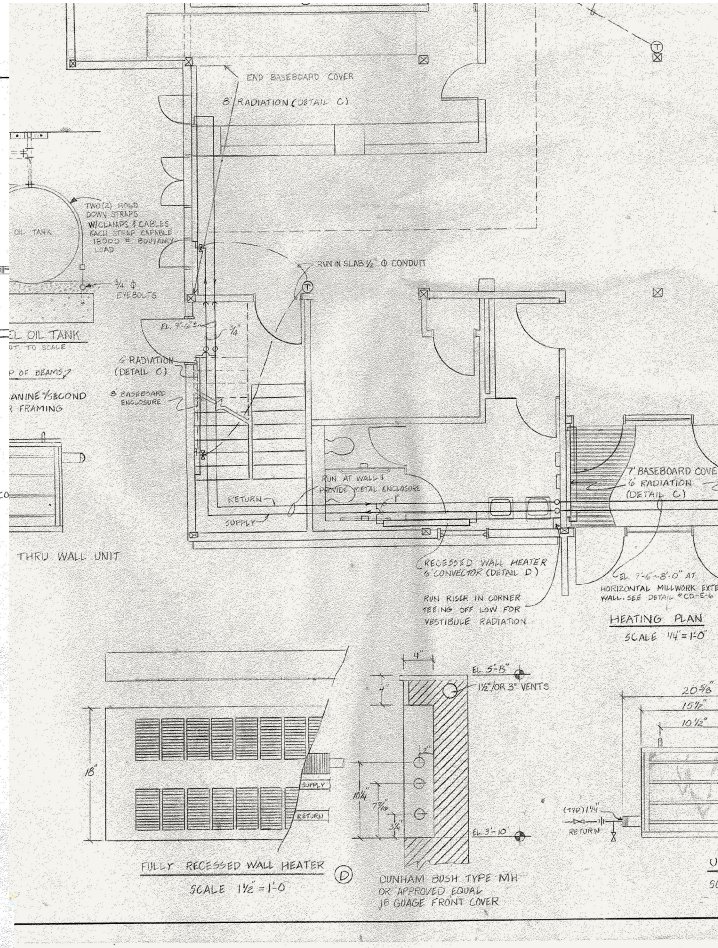
BASEBOARD HEATING UNIT (C)
SCALE 1½" = 1'-0"

DUNHAM BUSH TYPE S-1H2 1210 BTU/FT. OR APPROVED EQUAL 16 GAUGE FRONT COVER



FULLY RECESSED WALL HEATER (D)
SCALE 1½" = 1'-0"

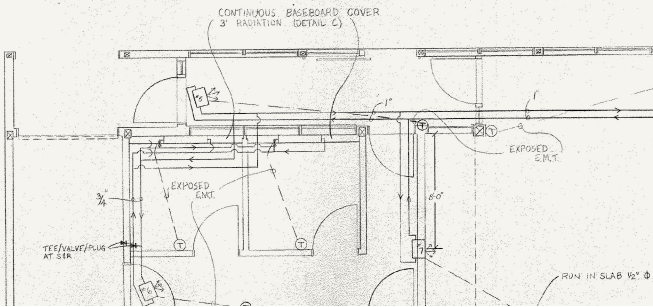
DUNHAM BUSH TYPE MH OR APPROVED EQUAL 18 GUAGE FRONT COVER

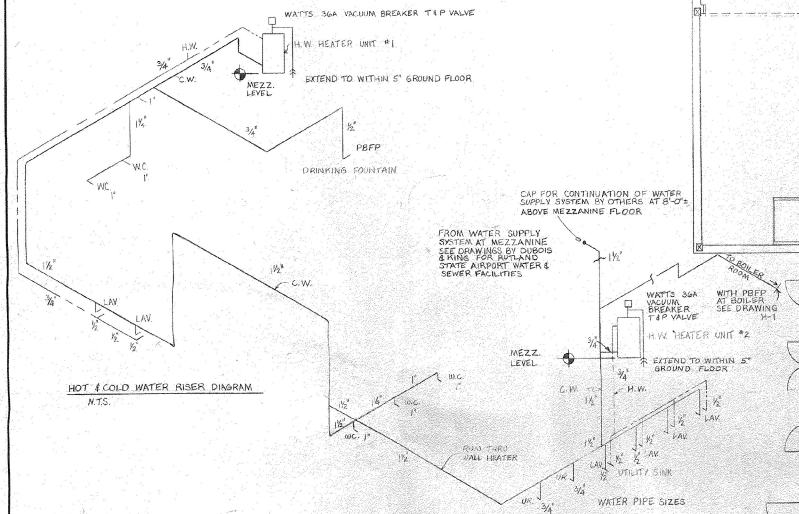


HEATING PLAN
SCALE 1¼" = 1'-0"

FULLY RECESSED WALL HEATER (D)
SCALE 1½" = 1'-0"

DUNHAM BUSH TYPE MH OR APPROVED EQUAL 18 GUAGE FRONT COVER

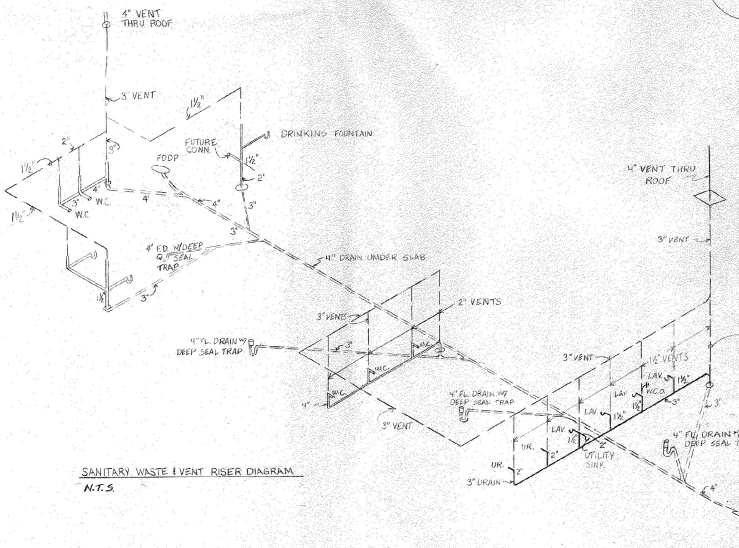




HOT & COLD WATER RISER DIAGRAM

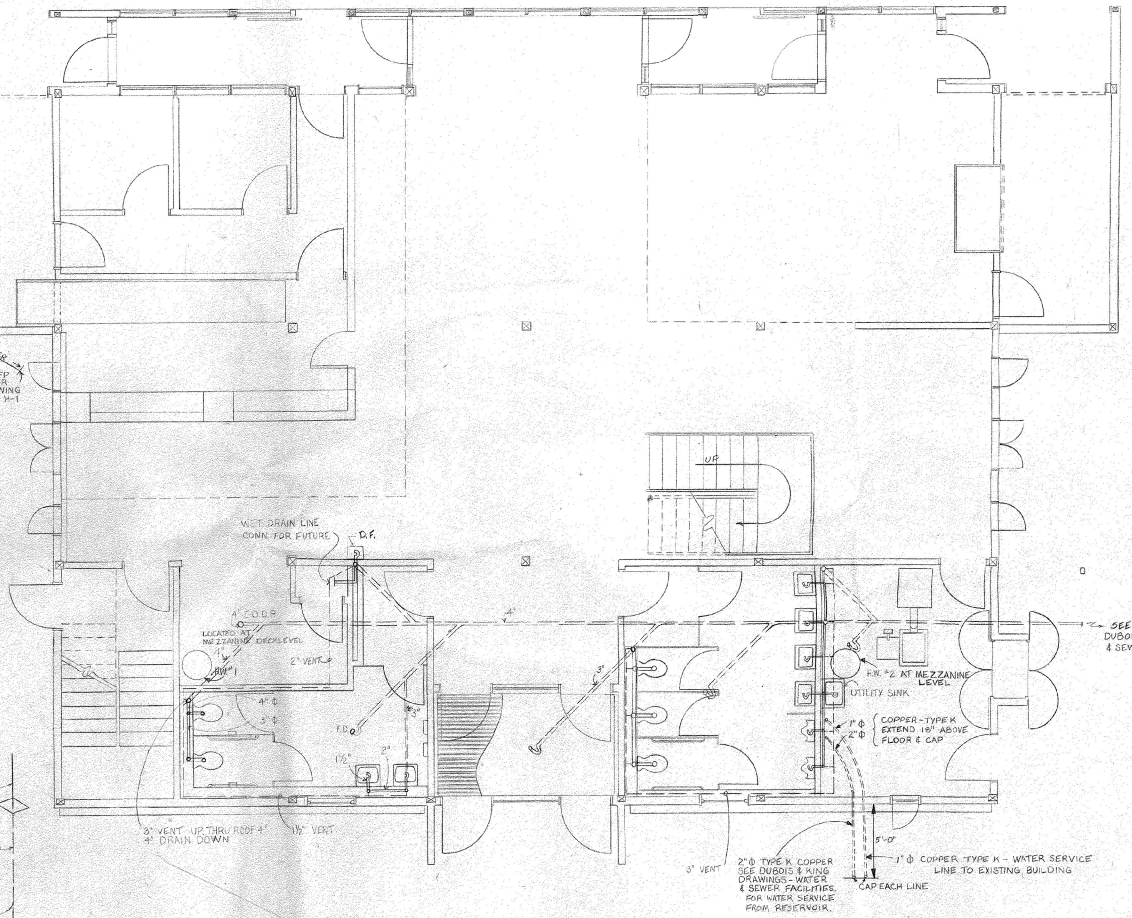
N.T.S.

WATER PIPE SIZES



SANITARY WASTE & VENT RISER DIAGRAM

N.T.S.



PLUMBING FIXTURE SCHEDULE

FIXTURE	MFR.	NAME/NO./COLOR	FITTINGS & ACCESSORIES
WATER CLOSET	AM. STD	WATER SAVER AFWALL 2477.016 WHITE	SLOAN 110-2 FLUSH VALVE. CHURCH SEAT - OPEN FRONT. NOTE SPECIAL THICKNESS FOR SEAT AT HANDICAP W.C.
URINAL	AM. STD	WASHBROOK 6501.01 SOLOID WHITE	WALL HUNGER W/HANGER. SLOAN ROYAL 186 FLUSH VALVE. W/VAC. BKR., ¾" TOP SPUD. 2" OUTLET.
LAVATORY	AM. STD	COMRADE 20X18 0124.131 CONCEALED ARMS - WHITE	HERITAGE GOOSENECK CENTERSET FAUCET - 4" WRIST HANDLES AERATOR, OFFSET TAILPIECES, LOOSE KEY STOPS. CAST GRID DRAIN, P-TRAP WITH C.O. ESCUTCHEONS, SUPPLY & WASTE.
SERVICE SINK	AM. STD	AKRON 24X20 CAT. NO. 1824720EB PIN GUARD	FAUCET - 8343.135 TRAP 7718.176
DRINKING FOUNTAIN	ELKAY		
WATER HEATER	*1 10 GAL. 1500W 120V *2 30 GAL. 4500W 230V		*1 & *2 RHEEM PORCELAIN, GLASS LINED FUSED TO TANK METAL, FOAM INSULATION, BAKED ENAMEL FINISH, ANODE RODS IN SEPARATE TAPING, PROVIDE RELIEF VALVE AND DRAIN VALVE THERMOSTAT SET 120°F.

6/10/84

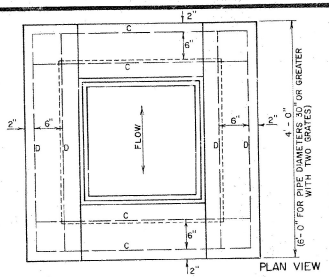
STATE OF VERMONT
DIVISION OF STATE BUILDINGS
AGENCY OF ADMINISTRATION
MONTPELIER, VERMONT

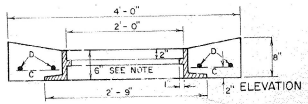
RUTLAND TERMINAL BUILDING AIR 23-2024

PLUMBING PLAN

RUTLAND STATE AIRPORT
CLARENDON, VERMONT

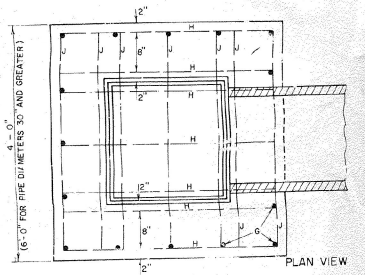
DATE:	SCALE:	REVISIONS:	DWG. NO.
6/8/84	1/4" = 1'-0"	8/8/84 S.A. MUGHERN	P-1
DRAWN BY: RBT	APPROVED BY: [illegible]		17 OF 19



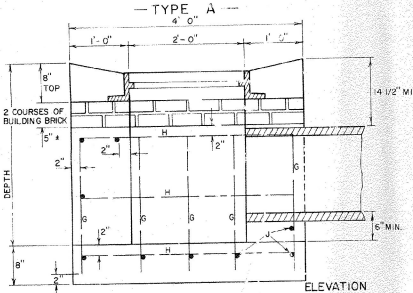


NOTE—FRAME SHOWN IS FOR TYPE A GRATE, SEE SHEET D-11. FOR TYPE B GRATE AND FRAME, SEE SHEET D-16 (EXCEPT THE FRAME DEPTH DIMENSION SHALL BE 6").

TOP FOR REINFORCED CONCRETE
DROP INLET WITH GRATE
FOR USE IN DITCHES



—TYPE A—



REINFORCED CONCRETE DROP INLET
FOR USE IN DITCHES

STEEL SCHEDULE

4'x4' DROP INLET TYPE A — 12", 15", 18", 24"							4'x6' DROP INLET WITH TWO GRATES TYPE B — 30", 36"										TYPE C 4'x6' DROP INLET WITH ONE GRATE WITH 4'x6' TOP — 30", 36"									
DEPTH	G	LENGTH	H, J	LENGTH	C, D	LENGTH	G	LENGTH	H	LENGTH	J	LENGTH	C	LENGTH	D	LENGTH	DEPTH	G	LENGTH	H	LENGTH	J	LENGTH	C	LENGTH	D	LENGTH	DEPTH
3'-0"	15	2'-3"	22	3'-8"	8	3'-0"											3'-0"											
3'-6"	15	2'-9"	22	3'-8"	8	3'-8"											3'-6"											
4'-0"	15	3'-3"	29	3'-8"	8	3'-8"	17	3'-3"	19	3'-8"	10	5'-8"	4	3'-8"	4	5'-8"	4'-0"	17	3'-8"	19	3'-8"	10	5'-8"	6	3'-8"	4	5'-8"	4'-0"
4'-6"	15	3'-9"	29	3'-8"	8	3'-8"	17	3'-9"	19	3'-8"	10	5'-8"	4	3'-8"	4	5'-8"	4'-6"	17	4'-2"	19	3'-8"	10	5'-8"	6	3'-8"	4	5'-8"	4'-6"
5'-0"	15	4'-3"	35	3'-8"	8	3'-8"	17	4'-3"	23	3'-8"	13	5'-8"	4	3'-8"	4	5'-8"	5'-0"	17	4'-8"	23	3'-8"	13	5'-8"	6	3'-8"	4	5'-8"	5'-0"
5'-6"	15	4'-9"	35	3'-8"	8	3'-8"	17	4'-9"	23	3'-8"	13	5'-8"	4	3'-8"	4	5'-8"	5'-6"	17	5'-2"	23	3'-8"	13	5'-8"	6	3'-8"	4	5'-8"	5'-6"
6'-0"	15	5'-3"	41	3'-8"	8	3'-8"	17	5'-3"	27	3'-8"	15	5'-8"	4	3'-8"	4	5'-8"	6'-0"	17	5'-8"	27	3'-8"	15	5'-8"	6	3'-8"	4	5'-8"	6'-0"
6'-6"	15	5'-9"	41	3'-8"	8	3'-8"	17	5'-9"	31	3'-8"	15	5'-8"	4	3'-8"	4	5'-8"	6'-6"	17	6'-2"	31	3'-8"	15	5'-8"	6	3'-8"	4	5'-8"	6'-6"
7'-0"	15	6'-3"	47	3'-8"	8	3'-8"	17	6'-3"	35	3'-8"	17	5'-8"	4	3'-8"	4	5'-8"	7'-0"	17	6'-8"	35	3'-8"	17	5'-8"	6	3'-8"	4	5'-8"	7'-0"
7'-6"	15	6'-9"	47	3'-8"	8	3'-8"	17	6'-9"	35	3'-8"	17	5'-8"	4	3'-8"	4	5'-8"	7'-6"	17	7'-2"	35	3'-8"	17	5'-8"	6	3'-8"	4	5'-8"	7'-6"
8'-0"	15	7'-3"	53	3'-8"	8	3'-8"	17	7'-3"	39	3'-8"	19	5'-8"	4	3'-8"	4	5'-8"	8'-0"	17	7'-8"	39	3'-8"	19	5'-8"	6	3'-8"	4	5'-8"	8'-0"

STEEL AND CONCRETE QUANTITIES

DEPTH	4'x4' DROP INLET TYPE A — 12"-15"-18"-24" CONCRETE C.Y.	STEEL LBS.	4'x6' DROP INLET WITH TWO GRATES TYPE B — 30" CONCRETE C.Y.	30" STEEL LBS.	36" CONCRETE C.Y.	36" STEEL LBS.	DEPTH	4'x6' DROP INLET WITH ONE GRATE WITH 4'x6' TOP TYPE C — 30" CONCRETE C.Y.	30" STEEL LBS.	36" CONCRETE C.Y.	36" STEEL LBS.	DEPTH
3'-0"	1.7	150					3'-0"					
3'-6"	1.9	158					3'-6"					
4'-0"	2.1	193	.7	228			4'-0"	2.8	244			
4'-6"	2.3	200	3.0	237	2.0	237	4'-6"	3.1	252	3.0	252	4'-6"
5'-0"	2.6	231	3.3	279	3.2	279	5'-0"	3.4	294	3.3	294	5'-0"
5'-6"	2.8	239	3.6	288	3.5	288	5'-6"	3.7	303	3.6	303	5'-6"
6'-0"	3.0	270	3.9	324	3.8	324	6'-0"	4.0	339	3.9	339	6'-0"
6'-6"	3.2	278	4.2	348	4.1	348	6'-6"	4.3	363	4.2	363	6'-6"
7'-0"	3.5	308	4.5	384	4.4	384	7'-0"	4.6	399	4.5	399	7'-0"
7'-6"	3.7	316	4.8	393	4.7	393	7'-6"	4.9	408	4.8	408	7'-6"
8'-0"	3.9	347	5.1	429	5.0	429	8'-0"	5.2	444	5.1	444	8'-0"

FOR 2nd 30" PIPE DEDUCT 0.18 C.Y. FOR 2nd 36" PIPE DEDUCT 0.26 C.Y.
FOR 2nd 42" PIPE DEDUCT 0.36 C.Y. OR 0.18 FOR 1 PIPE
FOR 2nd 48" PIPE DEDUCT 0.47 C.Y. OR 0.24 FOR 1 PIPE

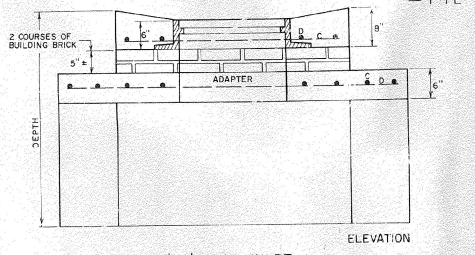
STEEL SCHEDULE TYPE D

4'x6' DROP INLET WITH ONE GRATE WITH 4'x4' TOP — 30", 36"

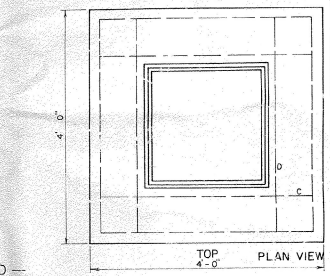
G	LENGTH	H	LENGTH	J	LENGTH	C	LENGTH	D	LENGTH	DEPTH
17	3'-7"	23	3'-8"	13	5'-8"	12	3'-8"	4 4	5'-8" 3'-8"	5'-0"
17	4'-1"	23	3'-8"	13	5'-8"	12	3'-8"	4 4	5'-8" 3'-8"	5'-6"
17	4'-7"	27	3'-8"	15	5'-8"	12	3'-8"	4 4	5'-8" 3'-8"	6'-0"
17	5'-1"	31	3'-8"	15	5'-8"	12	3'-8"	4 4	5'-8" 3'-8"	6'-6"
17	5'-7"	35	3'-8"	17	5'-8"	12	3'-8"	4 4	5'-8" 3'-8"	7'-0"
17	6'-1"	35	3'-8"	17	5'-8"	12	3'-8"	4 4	5'-8" 3'-8"	7'-6"
17	6'-7"	39	3'-8"	19	5'-8"	12	3'-8"	4 4	5'-8" 3'-8"	8'-0"

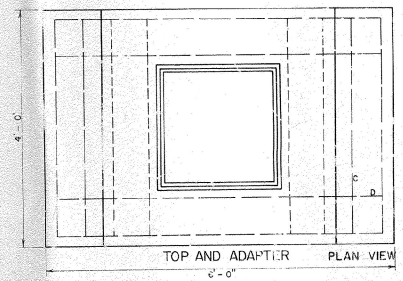
ALL REINFORCING STEEL TO BE NO. 5 DEFORMED BARS, EVENLY SPACED WITH A MAXIMUM SPACING OF 12" C/C.
ALL STEEL TO HAVE 2 INCH MIN. COVER.
DROP INLET TO BE CONSTRUCTED IN ACCORDANCE WITH STRUCTURAL CONCRETE, SECTION 501.
GRATES TO CONFORM TO DROP INLETS, CATCH BASINS, AND MANHOLES, SECTION 604.
FURNISHING AND LAYING OF BRICKS FOR ADJUSTING ELEVATION OF GRATE SHALL BE INCLUDED IN UNIT BID PRICE FOR CONCRETE, CLASS B, PAY ITEM 501.25, AND THEIR VOLUME TO BE INCLUDED IN THE FINAL QUANTITIES.
MORTAR, TYPE II, TO BE USED AS JOINT FILLER AND LAYING OF BRICK.
FOR PIPES OF 30" OR MORE IN DIAMETER, ALLOWANCE SHALL BE MADE FOR THE OPENING IN COMPUTING CONCRETE VOLUMES. THIS DEDUCTION WILL BE BASED ON THE RATED DIAMETER OF THE PIPE USED, WITH THE SAME DEDUCTION FOR CONCRETE AND METAL PIPE. ABOVE TABLES INDICATE DEDUCTION FOR ONE PIPE.

—TYPE D—



4'x6' DROP INLET
WITH 4'x4' TOP
TOP WITH ONE CAST IRON GRATE



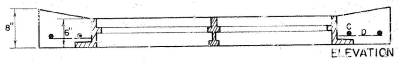


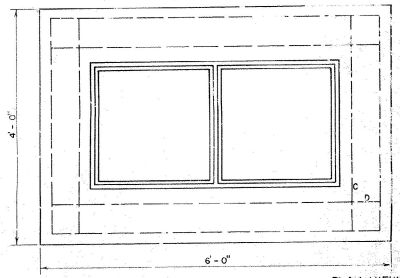
STEEL AND CONCRETE QUANTITIES

4'x6' DROP INLET WITH ONE GRATE WITH 4'x4' TOP TYPE D

DEPTH	30" CONCRETE C.Y.	30" STEEL LBS	36" CONCRETE C.Y.	36" STEEL LBS
5'-0"	3.2	313	3.1	313
5'-6"	3.5	322	3.4	322
6'-0"	3.8	358	3.7	358
6'-6"	4.1	382	4.0	382
7'-0"	4.4	413	4.3	418
7'-6"	4.7	427	4.6	427
8'-0"	5.0	463	4.9	463

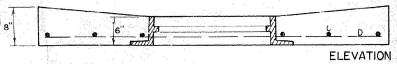
—TYPE B—

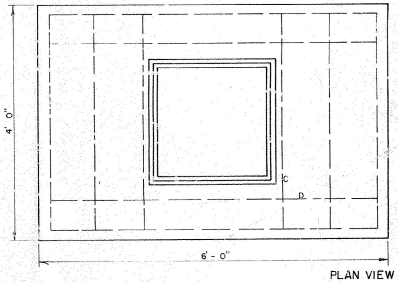




4'x6' DROP INLET
TOP WITH TWO CAST IRON GRATES

—TYPE C—





4'x6' DROP INLET
TOP WITH ONE CAST IRON GRATE

REVISIONS AND CORRECTIONS
APR. 2, 1973 — ORIGINAL D-6 REDRAWN.

APPROVED April 4, 1973 DATE

R. H. Arnold CHIEF ENGINEER

E. H. Stickney by L ASST. CHIEF ENGINEER

J. M. Law HIGHWAY ENGINEER

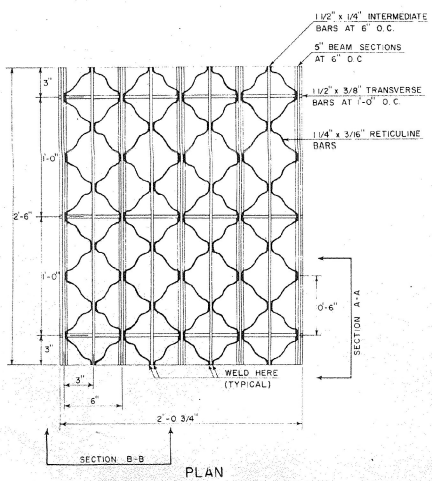
REINFORCED CONCRETE DROP INLET WITH GRATE
FOR USE IN DITCHES

VERMONT DEPARTMENT OF HIGHWAYS STANDARD

D-6

D-7

STEEL GRATE



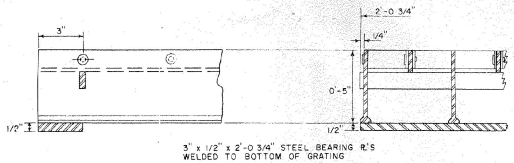
PLAN

GRATE SIZE SINGLE 24 3/4" x 30"
DOUBLE 24 3/4" x 54"

WEIGHT 95 LBS OR MORE.

GRATES SHALL BE CAPABLE OF SUPPORTING H-20 (32,000 LB AXLE LOAD) INCLUDING 30% IMPACT.

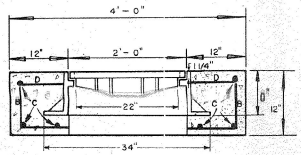
UNIT STRESSES (LBS PER SQ. IN.)		16,000	20,000
MAIN BAR PARALLEL TO TRAFFIC	H-20	49"	53"
MAIN BAR PERPENDICULAR TO TRAFFIC	H-20	39"	42"



SECTION A-A SECTION B-B

CAST IRON COVER WITH FRAME

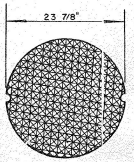
BAR	NO.	LENGTH	
B	4		3'-8"
C	6	3'-8"	STRAIGHT
D	4	3'-8"	STRAIGHT



ELEVATION

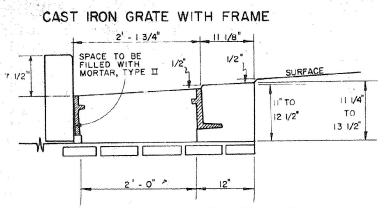
ALL REINFORCING STEEL TO BE No. 5 DEFORMED BARS

GENERAL NOTES:
WEIGHT OF FRAME AND COVER = 425 LBS.



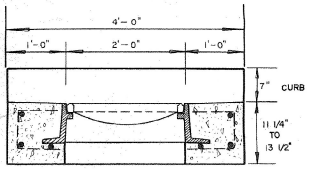
PLAN

CAST IRON GRATE WITH FRAME



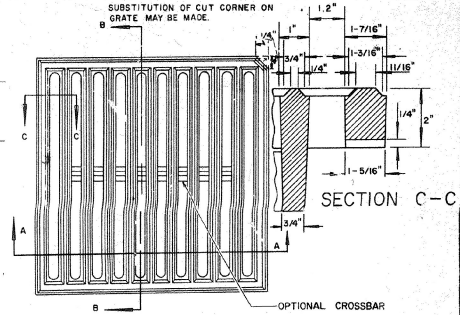
ELEVATION OF REINFORCED CONCRETE DROP INLET WITH VERTICAL GRANITE CURB AND 3 FLANGE CAST IRON FRAME FOR CAST IRON GRATE.

SEE STANDARD D-9 FOR CONCRETE VOLUME, REINFORCING STEEL SCHEDULE AND CURB JOINT DETAIL.



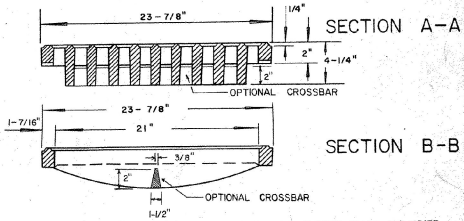
ELEVATION

SUBSTITUTION OF CUT CORNER ON GRATE MAY BE MADE.



SECTION C-C

PLAN



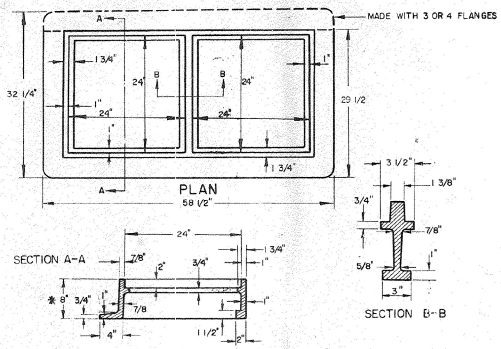
SECTION A-A

SECTION B-B

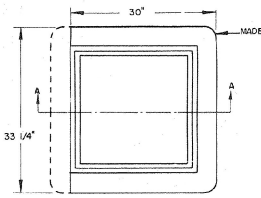
WEIGHT OF 3 FLANGED FRAME AND GRATE	
GRATE	220 LBS
FRAME	260 LBS
TOTAL	480 LBS

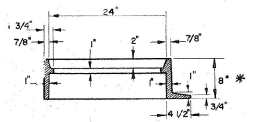
CAST IRON GRATE, TYPE A

USE OF THE TYPE A GRATE IS PROHIBITED WHERE BICYCLE TRAFFIC IS EXPECTED.



RECTANGULAR CAST IRON FRAME FOR TWO 24" SQUARE CAST IRON GRATES





SQUARE CAST IRON FRAME FOR CAST IRON GRATE TYPE A

THIS FRAME TO BE PLACED IN DROP INLET TOP BEFORE CONCRETE IS POURED.

4 FLANGES UNLESS OTHERWISE INDICATED. FRAMES TO BE FURNISHED WITH 3 FLANGES WHEN USED IN CONJUNCTION WITH CURB OR AS DIRECTED BY THE ENGINEER.

* NOTE: FRAME DEPTH TO BE "8" WHEN USED IN CONJUNCTION WITH DROP INLET DETAILED ON STANDARD D-6.

REVISIONS AND CORRECTIONS

APRIL 25, 1972 CAST IRON COVER CHANGED FROM SQUARE TO CIRCULAR
SEPT. 4, 1980 OPTIONAL CROSSBAR ADDED TO 'A' GRATE; NOTE ADDED TO 'A' GRATE FRAME DETAIL.
AUG 24, 1981 NOTE ADDED RESTRICTING USE OF TYPE A GRATE.

APPROVED DATE Oct 6, 81

R.N. Arnold
CHIEF ENGINEER

E.H. Chichesney
ASST. CHIEF ENGINEER

G. M. Lane
HIGHWAY ENGINEER

DRAWN: G. AJA
TRACED: A JA

STEEL GRATE
CAST IRON GRATE TYPE A
CAST IRON COVER

VERMONT AGENCY OF TRANSPORTATION

STANDARD
D-11