

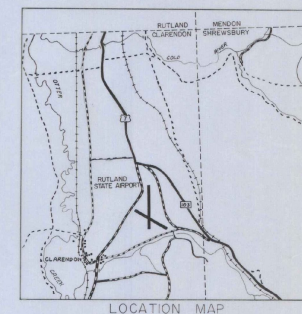
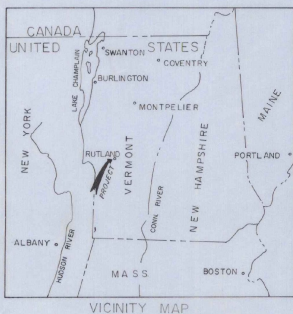
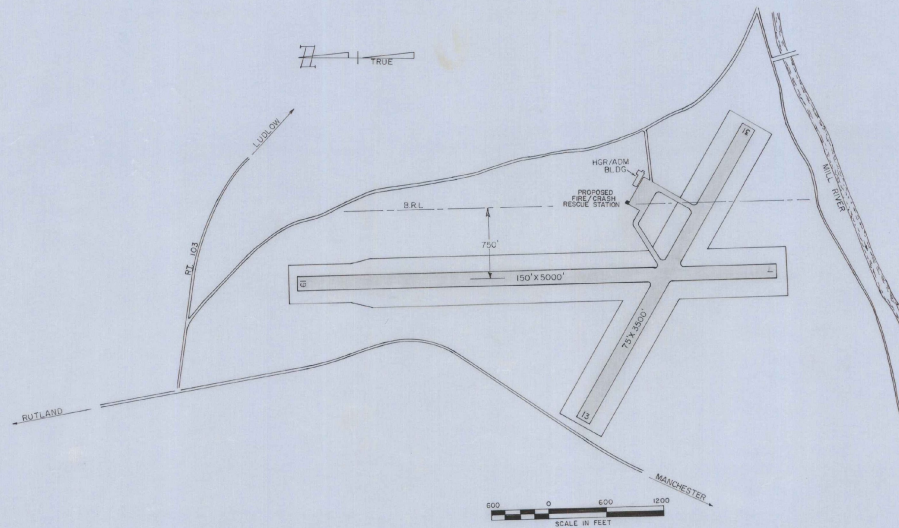
INDEX	
SHEET NO.	DESCRIPTION
1	TITLE SHEET
2	LAYOUT
3	ELEVATIONS
4	FLOOR PLAN
5	WALL DETAILS
6	PRECAST ROOF GIRDERS
7	FRAMING DETAILS
8	PLUMBING / ELECTRICAL PLAN
9	HEATING PLAN

# RUTLAND STATE AIRPORT CLARENDON, VERMONT

## MAINTENANCE FIRE / CRASH-RESCUE STATION

ADAP NO. 5 -50-0015-05

ITEMS		
ITEM NO.	DESCRIPTION	QTY.
1	11' REPAIRS	1.0
2	2" x 4" x 8" BRICK	1.0
3	INTERIOR WALLS	1.0
4	4" x 6" WOODEN OVERHEAD DOOR	1.0
5	4" x 6" WOODEN OVERHEAD DOOR	1.0
6	BUILT-UP ROOF	1.0
7	PAVED BUILDING APRON	1.0
8	HEATING SYSTEM	1.0
9	SEWAGE SYSTEM	1.0
10	SEAL & PAINT CONCRETE WALK WAYS	1.0
11	PAINT INTERIOR WALLS	1.0
12	PLUMBING	1.0
13	ELECTRICAL	1.0



REVISIONS	
DESCRIPTION	DATE

U.S. DEPARTMENT OF TRANSPORTATION  
FEDERAL AVIATION ADMINISTRATION

APPROVED: \_\_\_\_\_ DATE \_\_\_\_\_  
CHIEF AIRPORTS BRANCH  
AIRPORTS DIVISION

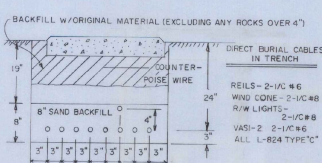
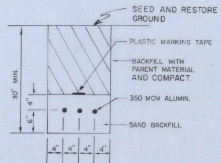
RUTLAND STATE AIRPORT  
CLARENDON, VERMONT  
DEPARTMENT OF AERONAUTICS

APPROVED: \_\_\_\_\_ DATE \_\_\_\_\_  
COMMISSIONER  
APPROVED: \_\_\_\_\_ DATE \_\_\_\_\_  
AIRPORT ENGR.

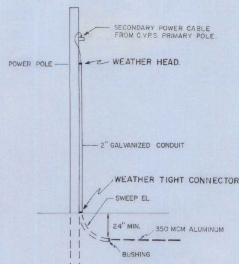
STATE OF VERMONT  
AGENCY OF TRANSPORTATION  
DEPARTMENT OF AERONAUTICS  
MONTPELIER, VERMONT

VAIL O. LEACH - ENGR.  
DATE \_\_\_\_\_

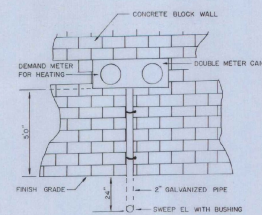
AS BUILT PLANS  
I hereby certify that all the construction  
required by this set of drawings has been  
accomplished as indicated herein.  
By *Michael J. Gato* Project Engineer  
Date *July 1, 1977*



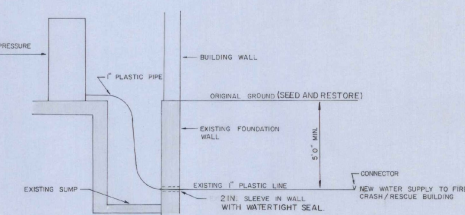
**TYPICAL TRENCH DETAIL**  
(MORE THAN ONE CABLE)  
SCALE 1"=1'-0"



**DETAIL "A"**  
POWER POLE



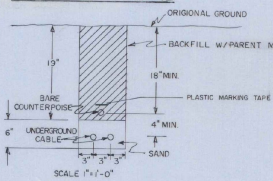
**ELECTRIC SUPPLY METER BOX DETAIL**



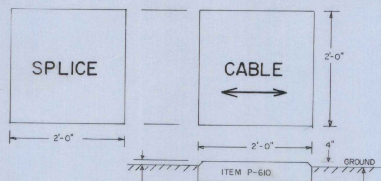
**DETAIL "F"**

**DETAIL "C"**  
POWER CABLE IN TRENCH

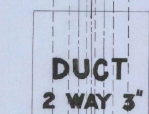
**CABLE TRENCH DETAIL**



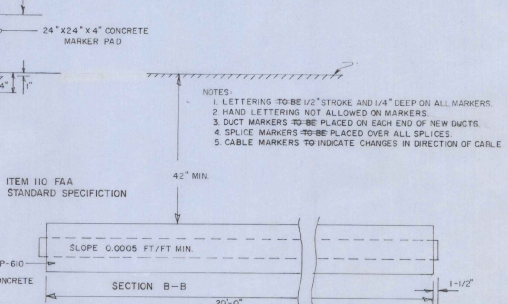
SCALE 1"=1'-0"



**CABLE & SPLICE MARKER DETAILS**  
(SEE NOTES RIGHT)  
SCALE 1"=1'-0"

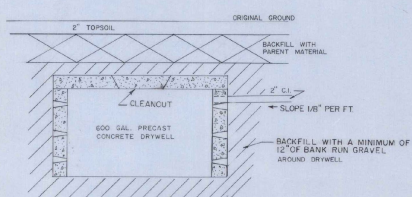


**DUCT 2 WAY 3"**

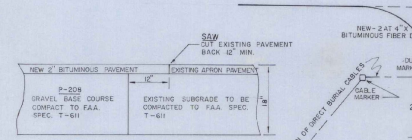


**DUCT MARKER DETAILS**  
SCALE 1"=1'-0"

- NOTES:
1. LETTERING TO BE 1/2" STROKE AND 1/4" DEEP ON ALL MARKERS.
  2. HAND LETTERING NOT ALLOWED ON MARKERS.
  3. DUCT MARKERS TO BE PLACED ON EACH END OF NEW DUCTS.
  4. SPLICE MARKERS TO BE PLACED OVER ALL SPLICES.
  5. CABLE MARKERS TO INDICATE CHANGES IN DIRECTION OF CABLE.

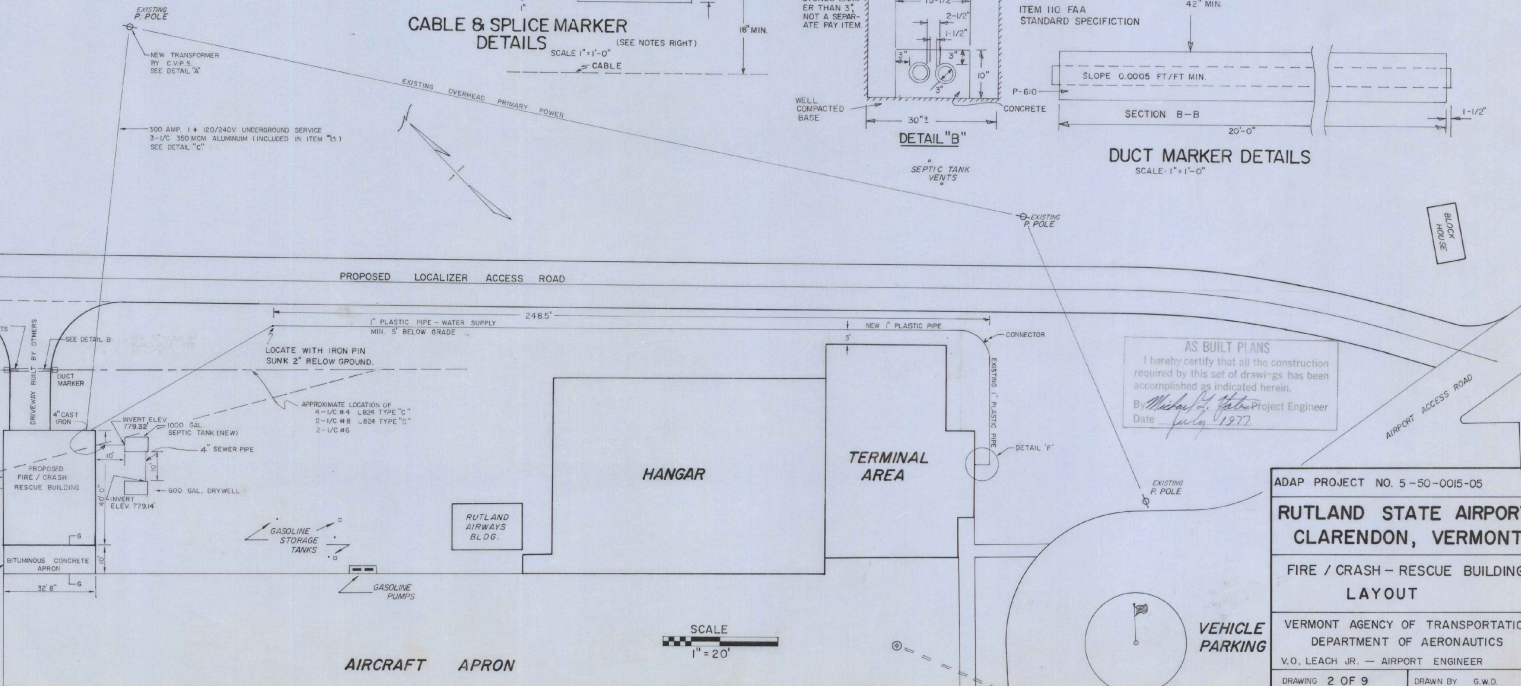


**DETAIL "D"**  
DRYWELL



**SECTION G-G**  
BUILDING APRON

NOTE CONTRACTOR SHOULD LOCATE AND MOVE POWER CABLES FOR WIRLS, REELS, VASI-4, AND WINDOWE PRIOR TO OTHER CONSTRUCTION WORK. INCLUDE IN ITEM ONE.



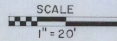
**AS BUILT PLANS**  
I hereby certify that all the construction required by this set of drawings has been accomplished as indicated herein.  
B. [Signature]  
Project Engineer  
Date July 1, 1977

ADAP PROJECT NO. 5-50-0015-05

**RUTLAND STATE AIRPORT**  
CLARENDON, VERMONT

**FIRE / CRASH - RESCUE BUILDING LAYOUT**

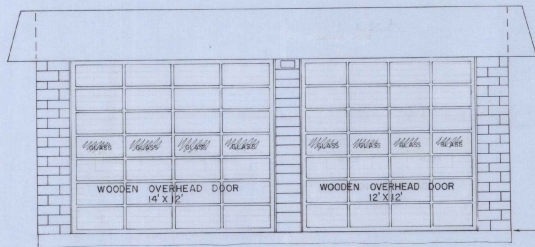
VERMONT AGENCY OF TRANSPORTATION  
DEPARTMENT OF AERONAUTICS  
V.O. LEACH JR. - AIRPORT ENGINEER  
DRAWING 2 OF 9 DRAWN BY G.W.D.



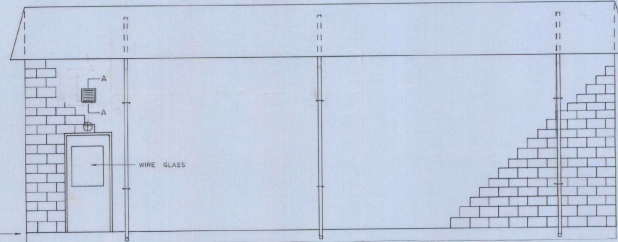
AIRCRAFT APRON

GENERAL NOTES

1. FINISH GRADE SQUARE WITHIN 6" OF TOP OF FOUNDATION.
2. FINAL GRADE SHALL BE SUCH THAT ALL DRAINAGE IS AWAY FROM THE BUILDING.
3. EXTERIOR CONCRETE BLOCKS TO BE SEALED WITH A 5% SILICONE SOLUTION.
4. TWO COATS OF PAINT ON DOORS AS PER SPEC. 9.11.
5. EXTERIOR CONCRETE BLOCK SURFACES COVERED WITH 3" DRYVIT INSULATION.



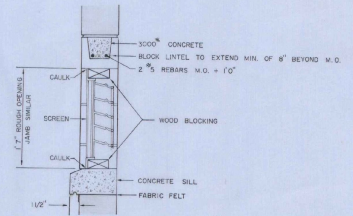
FRONT ELEVATION



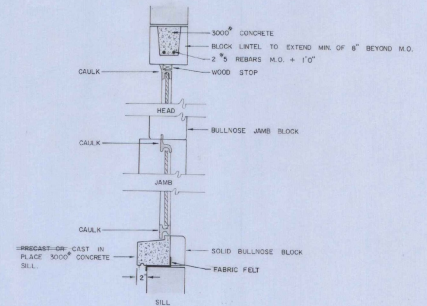
RIGHT SIDE ELEVATION

TOP OF FOUNDATION  
ELEV. 790.70'

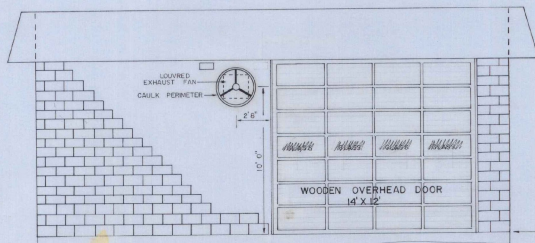
SCALE 1/4" = 1'0"



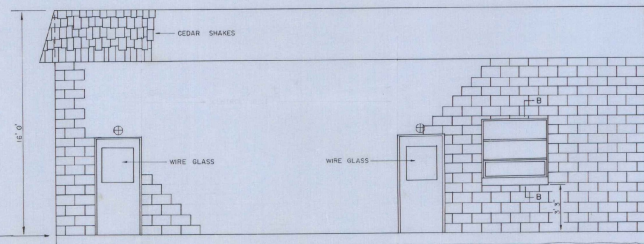
SECTION A-A  
THRU INLET SHUTTER (16"X16")  
MOTOR DRIVEN  
SCALE 1" = 1'



SECTION B-B  
SCALE 1" = 1'



REAR ELEVATION



LEFT SIDE ELEVATION

TOP OF FOUNDATION  
ELEV. 790.70'

AS BUILT PLANS  
I hereby certify that all the construction  
required by this set of drawings has been  
accomplished as indicated herein.  
By *Walter J. Leach* Project Engineer  
Date *July 1977*

ADAP PROJECT NO. 5-50-0015-05

RUTLAND STATE AIRPORT  
CLARENDON, VERMONT

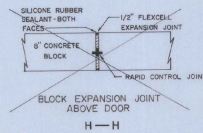
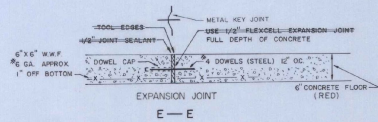
FIRE / CRASH - RESCUE BUILDING  
ELEVATIONS

VERMONT AGENCY OF TRANSPORTATION  
DEPARTMENT OF AERONAUTICS

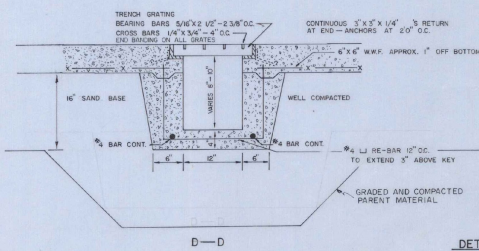
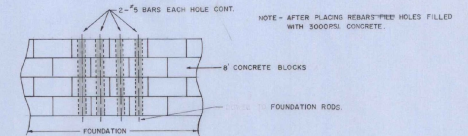
V.O. LEACH JR. - AIRPORT ENGINEER

DRAWING 3 OF 9

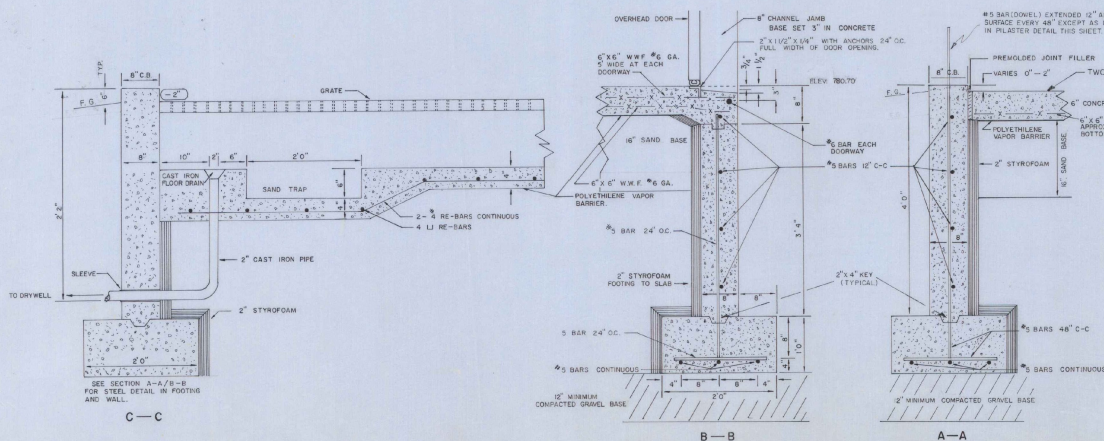
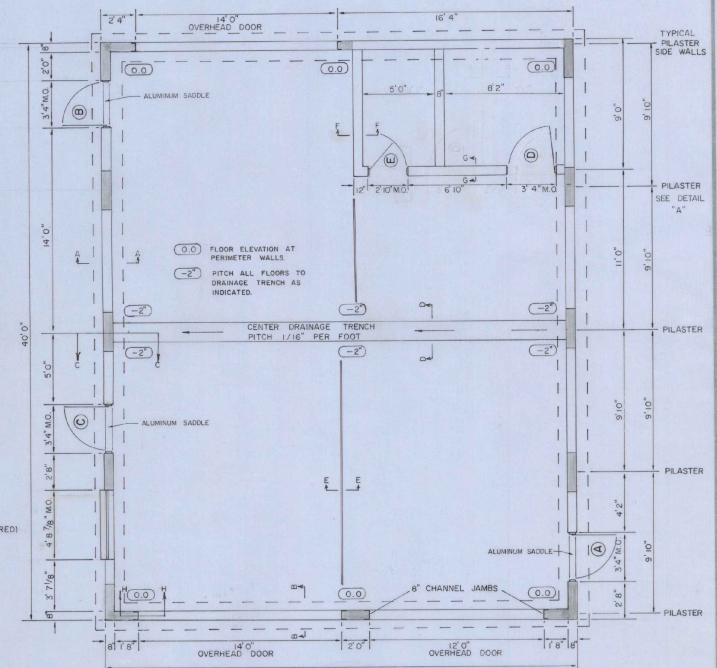
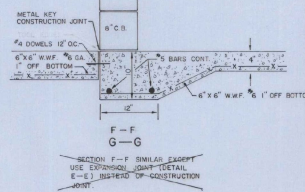
DRAWN BY G.W.D.



- NOTES:
1. ALL EXPOSED CONCRETE TO BE RUBBED TO 4" BELOW FINISH GRADE.
  2. DAMPROOF OUTSIDE OF ALL EXTERIOR UNDERGROUND WALL SURFACES.
  3. ALL CONCRETE TO BE 3000# WITH 4" SLUMP UNLESS OTHERWISE NOTED.
  4. ALL EXCAVATED AREAS TO BE RESTORED TO GRASS AFTER COMPLETION OF BUILDING AS PER SEC. 1.16 B. 1.17.
  5. WINDOW TO BE EQUAL TO HOPES' S.I.P.
  6. 6"x6" WWF TO BE OVERLAID 6" MIN.

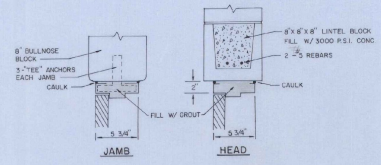


DETAILS SCALE  
1" = 10"

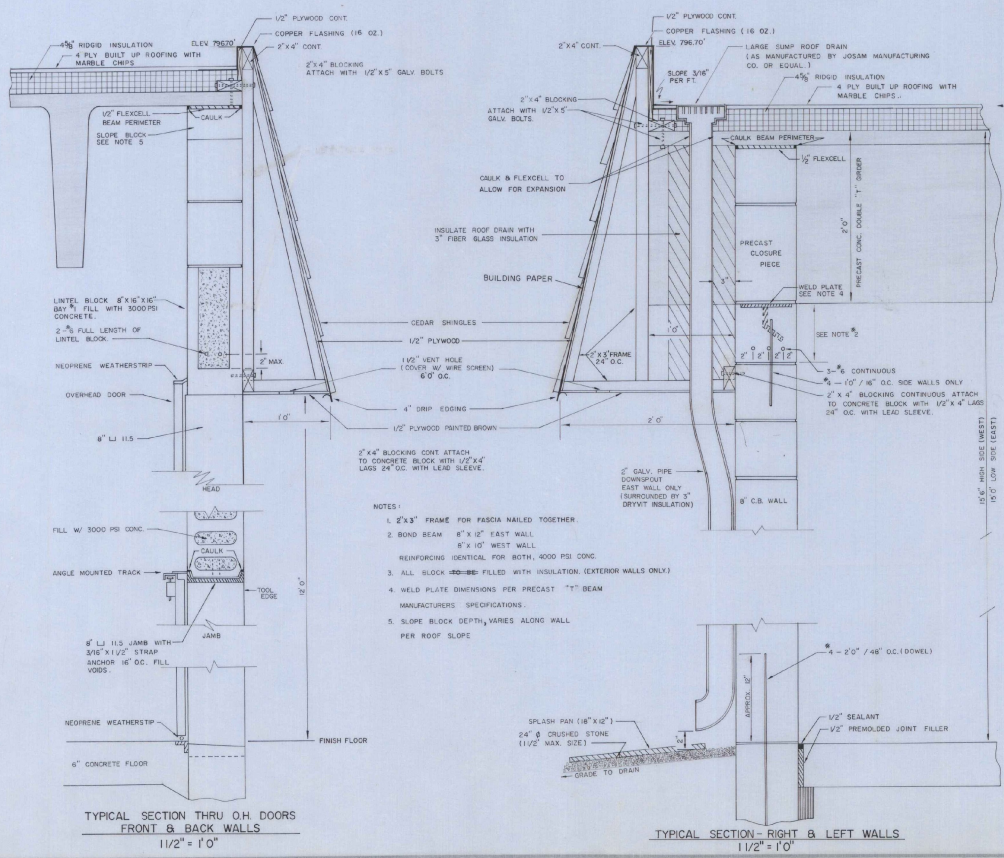


AS BUILT PLANS  
I hereby certify that all the construction required by this set of drawings has been accomplished as indicated herein.  
By *Michael J. Gato* Project Engineer  
Date *July 1, 1977*

ADAP PROJECT NO. 5-50-0015-05
<b>RUTLAND STATE AIRPORT CLARENDON, VERMONT</b>
<b>FIRE / CRASH - RESCUE BUILDING FLOOR PLAN</b>
VERMONT AGENCY OF TRANSPORTATION DEPARTMENT OF AERONAUTICS
V.O. LEACH JR. - AIRPORT ENGINEER
DRAWING 4 OF 9
DRAWN BY G.W.D.



DOOR DETAILS FOR HOLLOW METAL FRAMES



TYPICAL SECTION THRU O.H. DOORS FRONT & BACK WALLS 1 1/2" = 1'0"

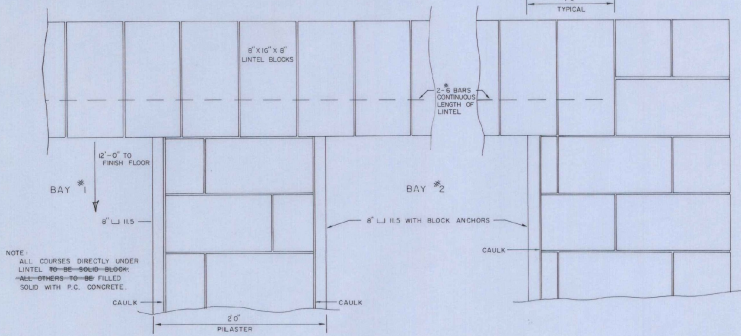
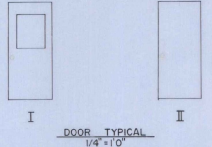
TYPICAL SECTION - RIGHT & LEFT WALLS 1 1/2" = 1'0"

GENERAL NOTES

1. ROOF DESIGN LOAD LL + 50 P.S.F.
2. CAULK ALL JOINTS BETWEEN MASONRY AND DISSIMILAR MATERIALS.
3. EXTERIOR DOORS ~~SH~~ HAVE NON-REMOVABLE PIN HINGES.
4. PRECAST DOUBLE-TEE ROOF BEAMS ARE NOT TO BE PAINTED.
5. ALL DOORS TO HAVE SAME LOCK AND KEY PROVIDED BY CONTRACTOR.

TYPE	SIZE	SCHEDULE	REMARKS
I	6'8" x 3'0"	A - EXTERIOR HOLLOW METAL W/ LOCK	
I	6'8" x 3'0"	B - EXTERIOR HOLLOW METAL W/ LOCK	
I	6'8" x 3'0"	C - EXTERIOR HOLLOW METAL W/ LOCK	
II	6'8" x 3'0"	D - INTERIOR HOLLOW METAL	
II	6'8" x 2'6"	E - INTERIOR HOLLOW METAL W/ LOCK	
O.H.	12' x 12'	WOODEN OVERHEAD DOOR	
O.H.	12' x 14'	WOODEN OVERHEAD DOOR	
O.H.	12' x 14'	WOODEN OVERHEAD DOOR	

- NOTES
1. ALL DOORS & FRAMES EXCEPT FOR OVERHEAD DOORS TO BE HOLLOW METAL.
  2. ALL GLASS TO BE 1/4" WIRE GLASS.
  3. EXTERIOR WALKWAY DOORS TO HAVE ALUMINUM SADDLES.
  4. WALKWAY DOORS TO BE WEATHERSTRIPPED - ALL SIDES (EXTERIOR DOORS)
  5. WOODEN O.H. DOORS TO HAVE GLASS PANEL SHEETS & HEAVY DUTY TORSION SPRINGS MOUNTED ON ANGLE TRACK - DOORS TO BE OPERATED BY ELECTRONIC DOOR OPENER.



TYPICAL SECTION AT O.H. DOOR PILASTER 1 1/2" = 1'0"

AS BUILT PLANS  
I hereby certify that all the construction required by this set of drawings has been accomplished as indicated herein.  
By *Michael J. Latta* Project Engineer  
Date *July 1977*

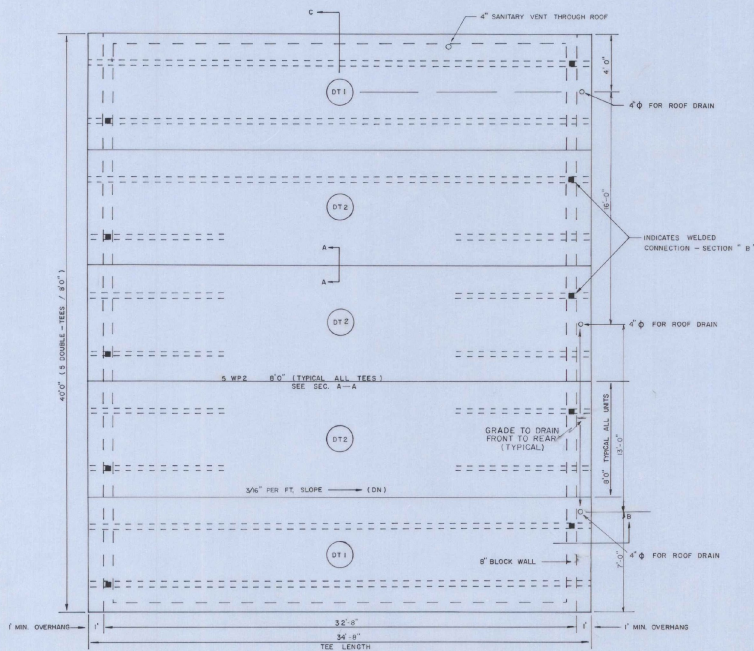
ADAP PROJECT NO. 5-50-0015-05

**RUTLAND STATE AIRPORT  
CLARENDON, VERMONT**

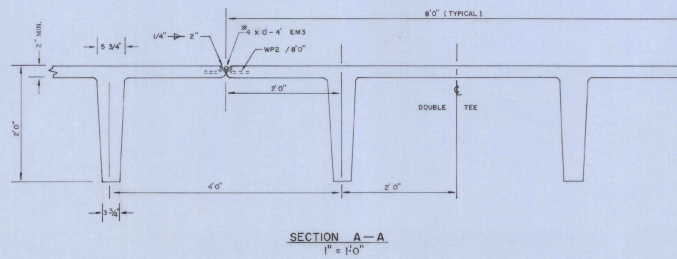
FIRE / CRASH - RESCUE BUILDING  
**WALL DETAILS**

VERMONT AGENCY OF TRANSPORTATION  
DEPARTMENT OF AERONAUTICS  
V.O. LEACH JR. - AIRPORT ENGINEER

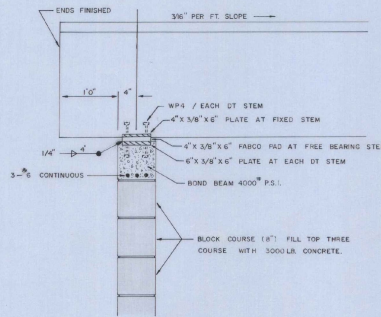
DRAWING 5 OF 9      DRAWN BY G.W.D.



ROOF FRAMING PLAN

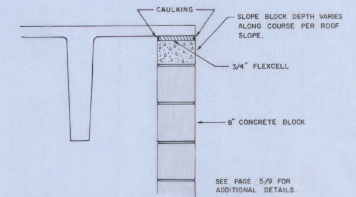


SECTION A-A  
1" = 10"



SECTION B

1" = 1'-0"  
TYPICAL EAST & WEST WALL



SECTION C  
1" = 10'-0"

GENERAL NOTES

1. THE CONTRACTOR FURNISHED SHOP DRAWINGS FOR APPROVAL BEFORE RELEASE FOR FABRICATION.
2. THE CONTRACTOR FURNISHED MANUFACTURER'S ENGINEER'S CERTIFICATE FOR COMPLIANCE WITH DESIGN LOADING.
3. ALL EXPOSED PRECAST DOUBLE TEE SLABS AND WEBS ARE NOT TO BE PAINTED, ALL SURFACES NOT UNIFORM IN FINISH WHEN INSTALLED WERE POINTED UP AND RUBBED.
4. ALL UTILITY PIPING ATTACHMENTS AND ANCHORS TO DOUBLE TEES ARE TO BE PLACED NOT LESS THAN 1'0" FROM BOTTOM OF WEB. THE CONTRACTOR DID NOT DRILL ANY HOLES THROUGH WEBS.
5. ALL PRECAST DOUBLE TEES WERE WELDED DURING INSTALLATION.
6. CONCRETE: 5000 P.S.I. CONCRETE / 28 DAYS.

ADAP PROJECT NO. 5-50-0015-05

RUTLAND STATE AIRPORT  
CLARENDON, VERMONT

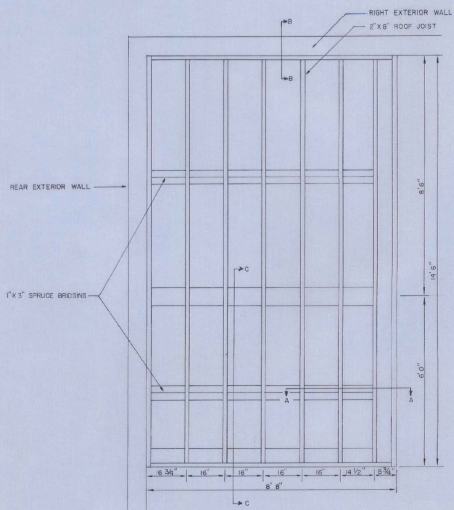
FIRE / CRASH - RESCUE BUILDING  
PRECAST ROOF BEAM DETAILS

VERMONT AGENCY OF TRANSPORTATION  
DEPARTMENT OF AERONAUTICS  
V.O. LEACH JR. - AIRPORT ENGINEER

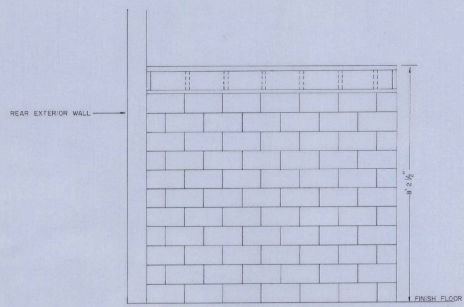
AS BUILT PLANS  
I hereby certify that all the construction  
required by this set of drawings has been  
accomplished as indicated herein.  
By *Michael J. White* Project Engineer  
Date *July 1977*

DRAWING 6 OF 9

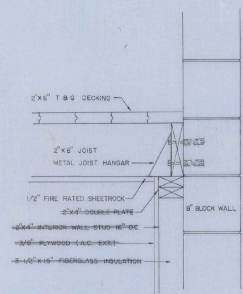
DRAWN BY G.W.D.



UTILITY AREA ROOF DETAIL  
1/2" = 1'-0"

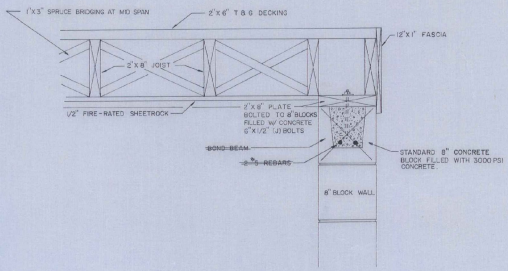


LEFT UTILITY AREA WALL ELEVATION  
1/2" = 1'-0"

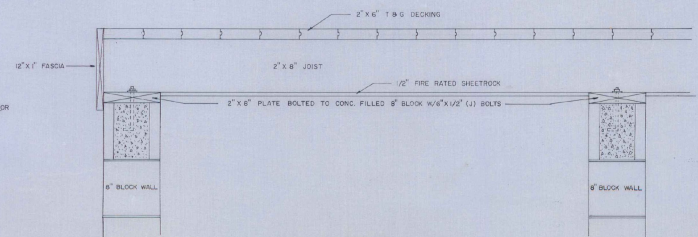


B - B  
1/2" = 1'-0"

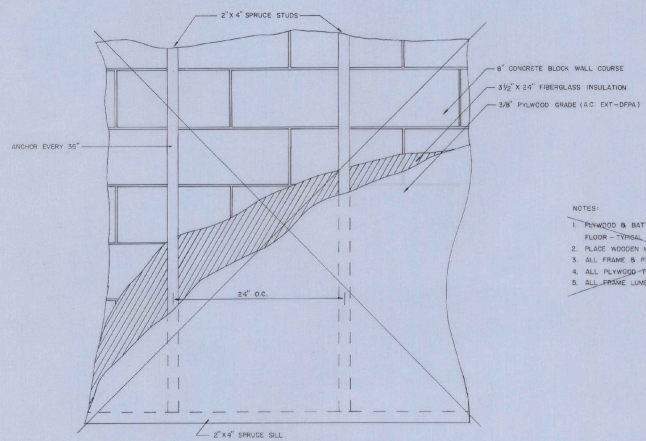
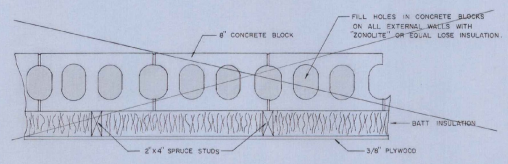
- NOTES:
1. ALL DECKING, FRAMING & FINISH LUMBER **DRY** KILN DRIED SPRUCE - FIRE RATED (1 HOUR)
  2. ATTACH 2" X 8" HOOP JOIST TO BEARING HEADER WITH METAL JOIST HANGERS
  3. DISCONTINUE BOND-BEAM-OVER-INTERIOR DOOR OPENINGS
  4. ALL 1/2" BOLTS 4'0" O.C. MAX.



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



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



INTERIOR FRAMING DETAIL  
SCALE 1/2" = 1'-0"

- NOTES:
1. PLYWOOD & BATT INSULATION FROM FLOOR TO 120" ABOVE FLOOR - TYPICAL (INSIDE OF EXTERIOR WALLS ONLY.)
  2. PLACE WOODEN MOLDS AROUND WINDOW & DOOR FRAMES.
  3. ALL FRAME & FINISH LUMBER TO BE FIRE RATED (1 HOUR).
  4. ALL PLYWOOD IS PAINTED 40 PPS BRNL.
  5. ALL FRAME LUMBER TO BE KILN DRIED SPRUCE.

ADAP PROJECT NO. 5-50-0015-05

**RUTLAND STATE AIRPORT  
CLARENDON, VERMONT**

FIRE / CRASH - RESCUE BUILDING  
**FRAMING DETAILS**

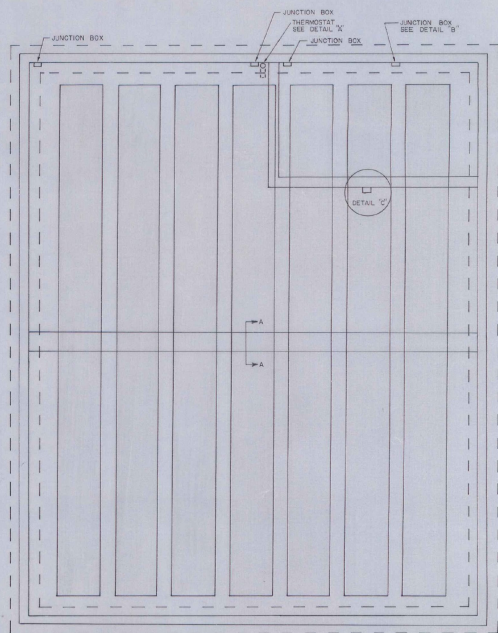
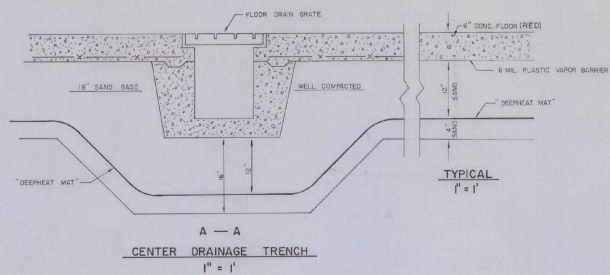
VERMONT AGENCY OF TRANSPORTATION  
DEPARTMENT OF AERONAUTICS  
V.O. LEACH JR. - AIRPORT ENGINEER

DRAWING 7 OF 9      DRAWN BY G.W.D.

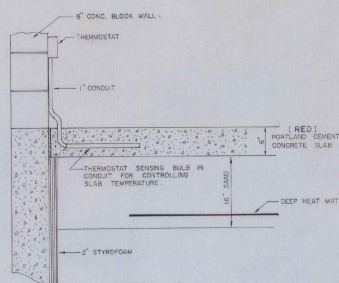
AS BUILT PLANS  
I hereby certify that all the construction required by this set of drawings has been accomplished as indicated herein.

By *Richard K. Yates* Project Engineer  
Date *July 1977*

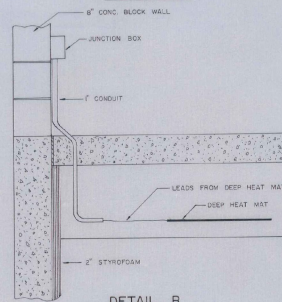




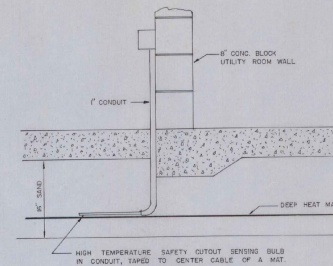
"DEEPHEAT MAT" LAYOUT  
1/4" = 1'



DETAIL A



DETAIL B



DETAIL C

NOTES:

1. SEE PAGE 3/9 FOR SLAB & FOUNDATION DETAIL.
2. REFER TO MANUFACTURER'S RECOMMENDATIONS FOR WIRING DETAILS AND MAT LAYOUTS.
3. CONCRETE DETAILS ON SHEET 4 OF 9.

AS BUILT PLANS  
I hereby certify that all the construction required by this set of drawings has been accomplished as indicated herein.  
By *Richard A. Leach* Project Engineer  
Date *July 1, 1977*

ADAP PROJECT NO. 5 - 50-0015-05	
RUTLAND STATE AIRPORT CLARENDON, VERMONT	
FIRE / CRASH - RESCUE BUILDING HEATING PLAN	
VERMONT AGENCY OF TRANSPORTATION DEPARTMENT OF AERONAUTICS V. O. LEACH JR. - AIRPORT ENGINEER	
DRAWING 9 OF 9	DRAWN BY G.W.D.