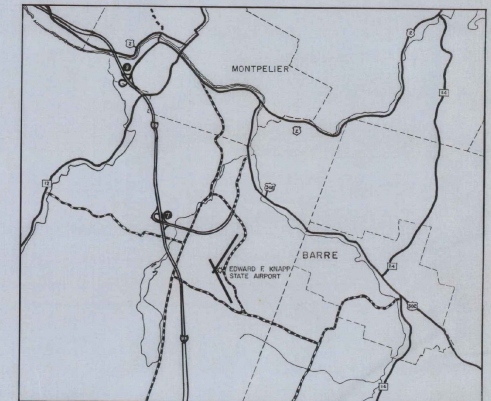
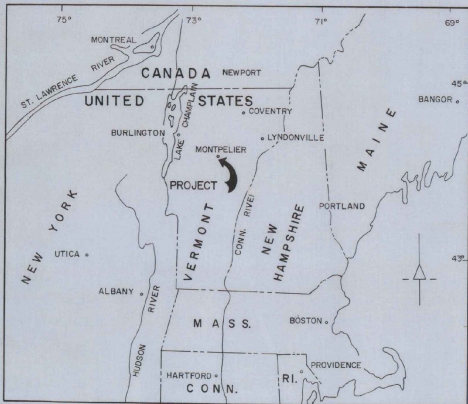
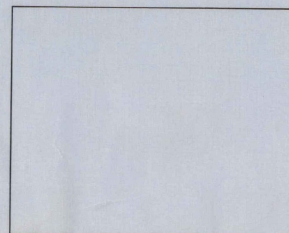


# EDWARD F. KNAPP STATE AIRPORT BERLIN, VERMONT

## TERMINAL AREA DEVELOPMENT



REVISIONS	
DESCRIPTION	DATE
Page 2, 3, 4, 5 - updated & Names Added	21 SEPT '71



EDWARD F. KNAPP STATE AIRPORT  
BERLIN, VERMONT

VERMONT AERONAUTICS BOARD

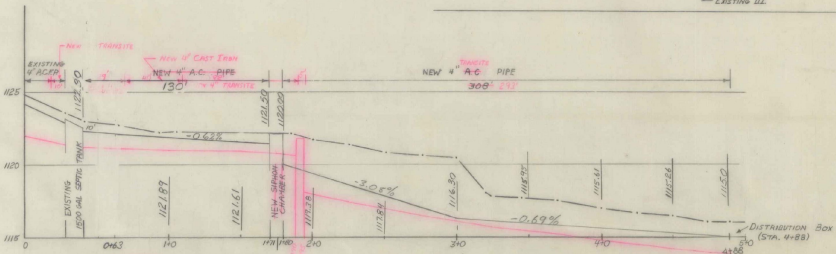
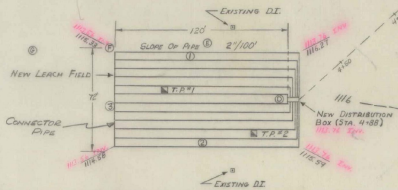
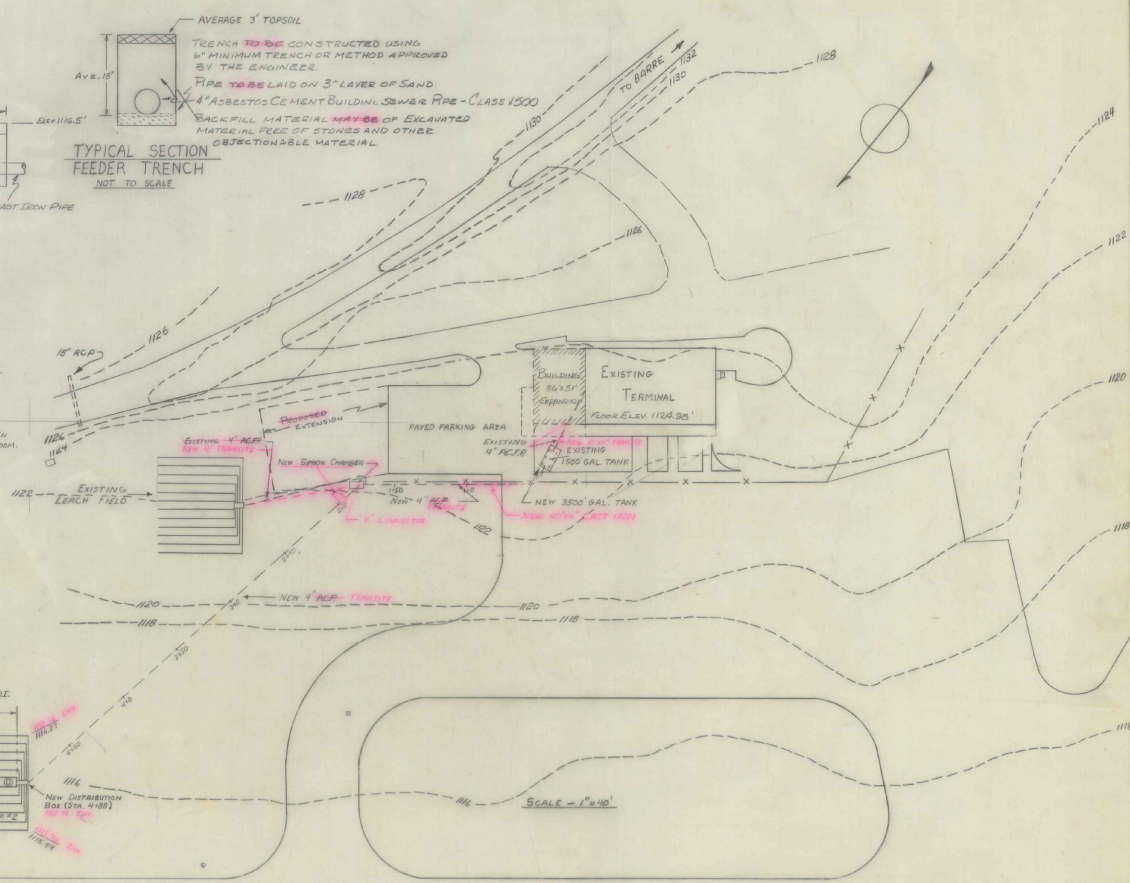
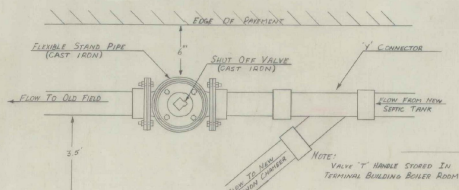
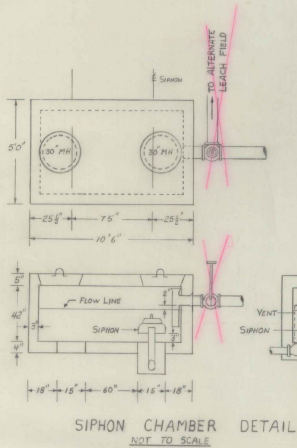
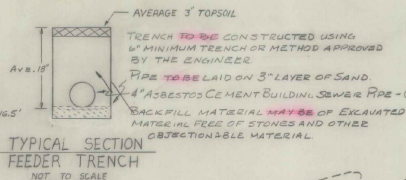
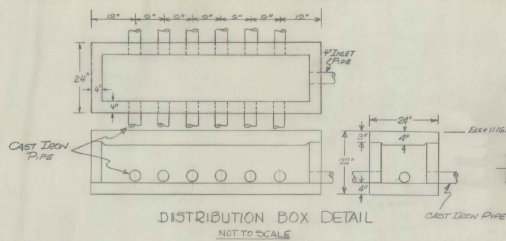
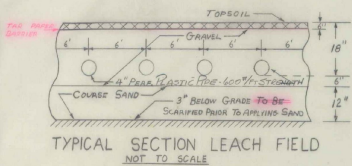
APPROVED \_\_\_\_\_ DATE \_\_\_\_\_  
COMMISSIONER

APPROVED *Anton J. [Signature]* DATE 21 SEPT '71  
AIRPORT ENGR.

PREPARED  
BY  
VERMONT AERONAUTICS BOARD  
MONTPELIER, VERMONT

TERMINAL AREA EXPANSION

G.H. SHEPARDSON - AIRPORT ENGR.  
DATE: JULY 1, 1971



PERCOLATION RATES		TEST PITS (EXCAVATED 17 APRIL 1970)	
TEST HOLE #	MINUTES/INCH	T.P. #1	T.P. #2
1	42	1	DEPTH 6.5' DRY WHEN EXCAVATED.
2	48	2	SOIL SILTY-CLAY
3	36	3	NO EVIDENCE OF DIFFERENT SOIL STRATA
4	60	4	NO SIGN OF WATER TABLE DURING FIRST DAY
5	30	5	AFTER CONSIDERABLE RAIN OVER SEVERAL DAYS
6	30	6	WATER TABLE APPEARED TO STABILIZE AT 6' DEPTH
ASSUMED AVERAGE	40		

RUNWAY 5-23 4027 X 150  
REFUSE AREA NORTHWEST OF  
RUNWAY 1-19 95-23 INTERSECTION

REV. 21 SEPT. 71

EDWARD F. KNAPP STATE AIRPORT  
BERLIN, VERMONT

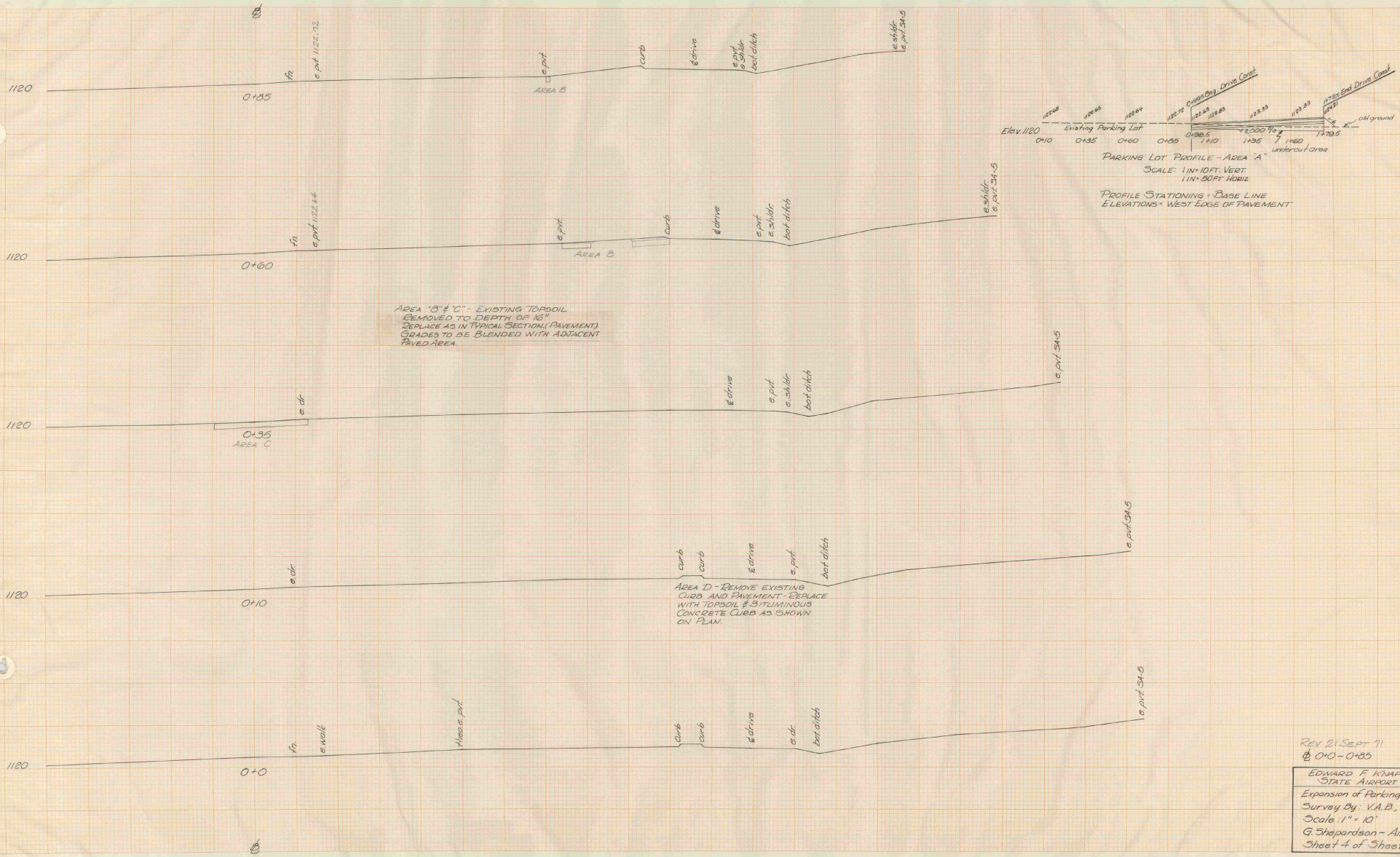
SANITARY DISPOSAL SYSTEM PLAN

VERMONT AERONAUTICS BOARD  
MONTPELIER, VERMONT

ENGR. G. SHEPARDSON

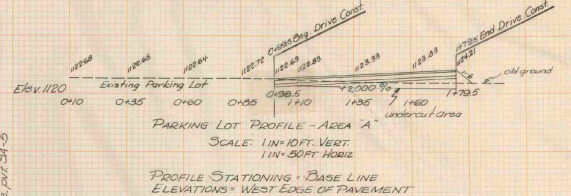
DRWN. BY M. YATES SEPT. 70





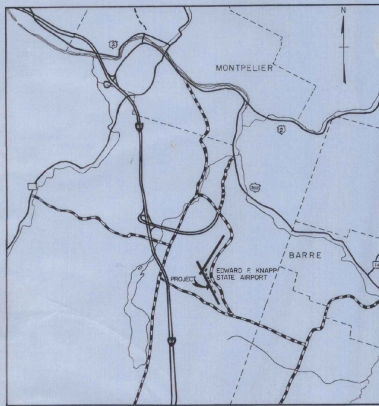
AREA "B" & "C" - EXISTING TOPSOIL  
 REMOVED TO DEPTH OF 16"  
 REPLACE AS IN TYPICAL SECTION. (PAVEMENT)  
 GRADES TO BE BLENDED WITH ADJACENT  
 PAVED AREA.

AREA D - REMOVE EXISTING  
 CURB AND PAVEMENT - REPLACE  
 WITH TOPSOIL & BITUMINOUS  
 CONCRETE CURB AS SHOWN  
 ON PLAN.



REV 21 SEPT '71  
 0+0 - 0+35  
 EDWARD F. KNAPP  
 STATE AIRPORT  
 Expansion of Parking Lot  
 Survey By: V.A.B., 5-71  
 Scale: 1" = 10'  
 G. Sheppardson - Airport Engr.  
 Sheet 4 of Sheets 5



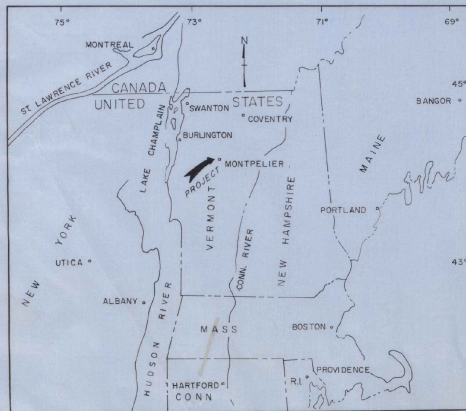


LOCATION MAP

# EDWARD F. KNAPP STATE AIRPORT BERLIN, VERMONT

## AIRCRAFT APRON CONSTRUCTION (GENERAL AVIATION)

EXPAND AIRCRAFT PARKING APRON (120' x 300') INCLUDING SAFETY FENCING (APPROX. 746')



VICINITY MAP

ESTIMATED QUANTITIES OF MAJOR ITEMS				
ITEM NO.	ITEM	UNIT	EST QUANTITY	FINAL QUANTITIES
1	COMMON EXCAVATION	C.Y.	2,550	2,550
2	SOLID ROCK EXCAVATION	C.Y.	5	0
3	BORROW	C.Y.	510	0
4	SUBBASE COURSE	C.Y.	750	750
5	CRUSHED AGGREGATE BASE COURSE	C.Y.	750	750
6	BITUMINOUS PRIME COAT	GAL.	2,260	1750
7	BITUMINOUS SURFACE COURSE	TON	533	456
9	SEEDING, LIMING, FERTILIZING & MULCHING	M.S.F.	25	43
10A	CHAIN LINK FENCE	L.F.	746	767
10B	CHAIN LINK WALKWAY GATE	EACH	1	1
10C	CHAIN LINK DRIVEWAY GATE	EACH	4	4
10D	CHAIN LINK DRIVEWAY GATE	EACH	2	2
11	TIE DOWN ANCHORS	EACH	42	42
—	TOPSOIL	C.Y.	0	48

REVISIONS	
DESCRIPTION	DATE

U.S. DEPARTMENT OF TRANSPORTATION  
FEDERAL AVIATION ADMINISTRATION

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

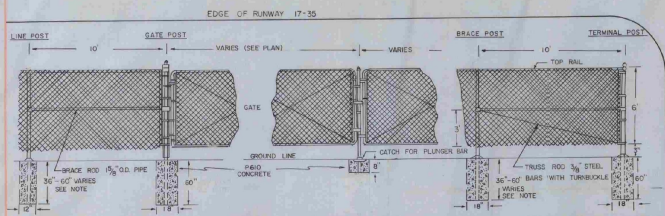
EDWARD F. KNAPP STATE AIRPORT.  
BERLIN, VERMONT

VERMONT AERONAUTICS BOARD  
APPROVED: *Michael J. Leach* DATE: *5 Aug 74*  
COMMISSIONER  
APPROVED: *W. D. [Signature]* DATE: *5 Aug 74*  
AIRPORT ENGR.

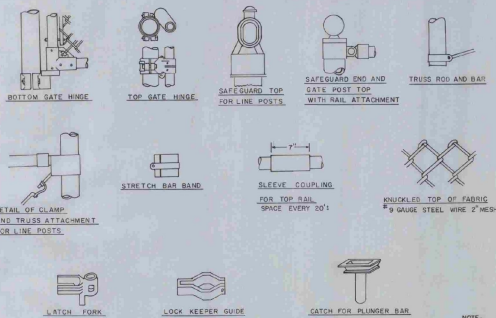
PREPARED BY  
VERMONT AERONAUTICS BOARD  
MONTPELIER, VERMONT  
VAIL O. LEACH — ENGR.  
DATE FEB. 1974



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. Leach* Project Engineer  
Date: *6-20-76*

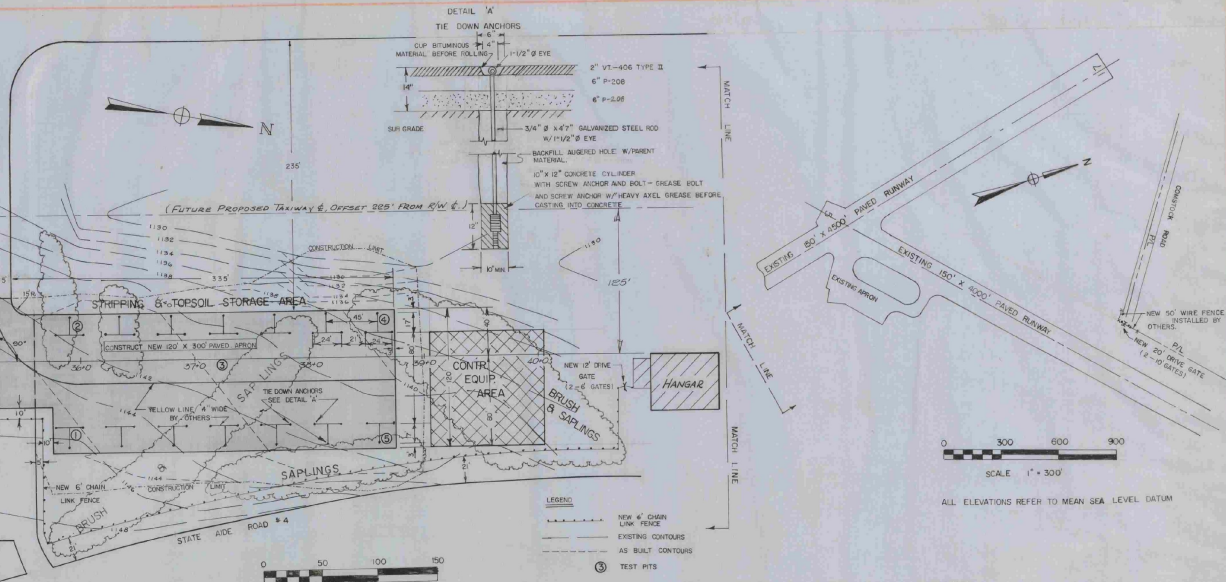


CHAIN LINK FENCE DETAILS  
NO SCALE



NOTE: ATTACH FENCE TO TOP RAIL, POST & GATE FRAMES WITH FABRIC TIES 24" O.C. WITH #9 GAUGE WIRE.  
USE 1/2" DIA. PIPE ON 4" x 4" GATES, USE 4" DIA. PIPE ON 12" GATES.  
ALL VEHICLE POST 2 1/2" DIA. PIPE.

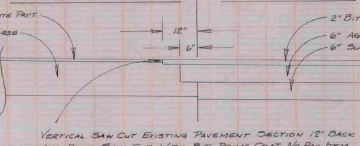
NOTE: FOUNDATIONS FOR THOSE FENCE POSTS PLACED IN HAVED AREAS 10" DEEP ALL OTHERS 36" DEEP



NOTE: THE CLEARING OF BRUSH AND SAPLINGS LOCATED WITHIN THE CONSTRUCTION LIMITS OF THIS PROJECT ACCOMPLISHED AS PART OF THE COMMON EXCAVATION ITEM.

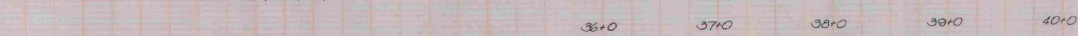
TOPSOIL REQUIREMENT ESTIMATED AT 155 CY (NOT A PAY ITEM) SEE FAA SPEC. P152 - 2.12 B T-905.

EXISTING TAXIWAY SECTION NEW APRON SECTION

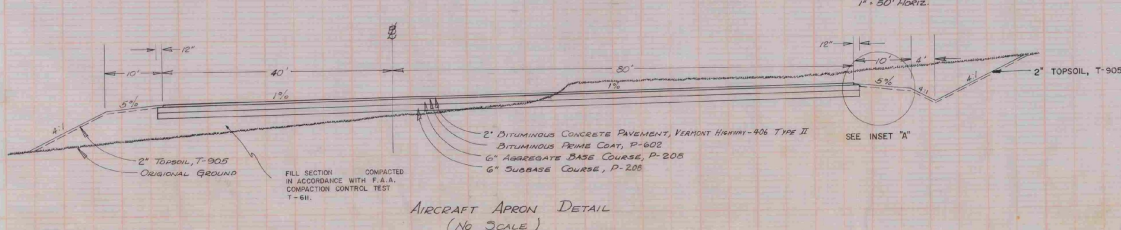


VERTICAL SAW CUT EXISTING PAVEMENT SECTION 12\"/>

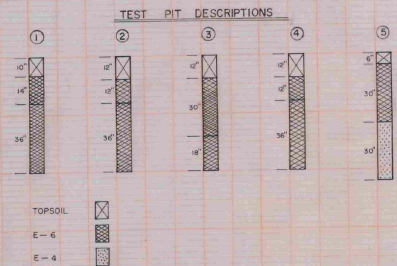
BUTT SECTION  
DETAIL (NO SCALE)



APRON PROFILE  
SCALE: 1" = 10' VERT.  
1" = 50' HORIZ.



AIRCRAFT APRON DETAIL  
(NO SCALE)

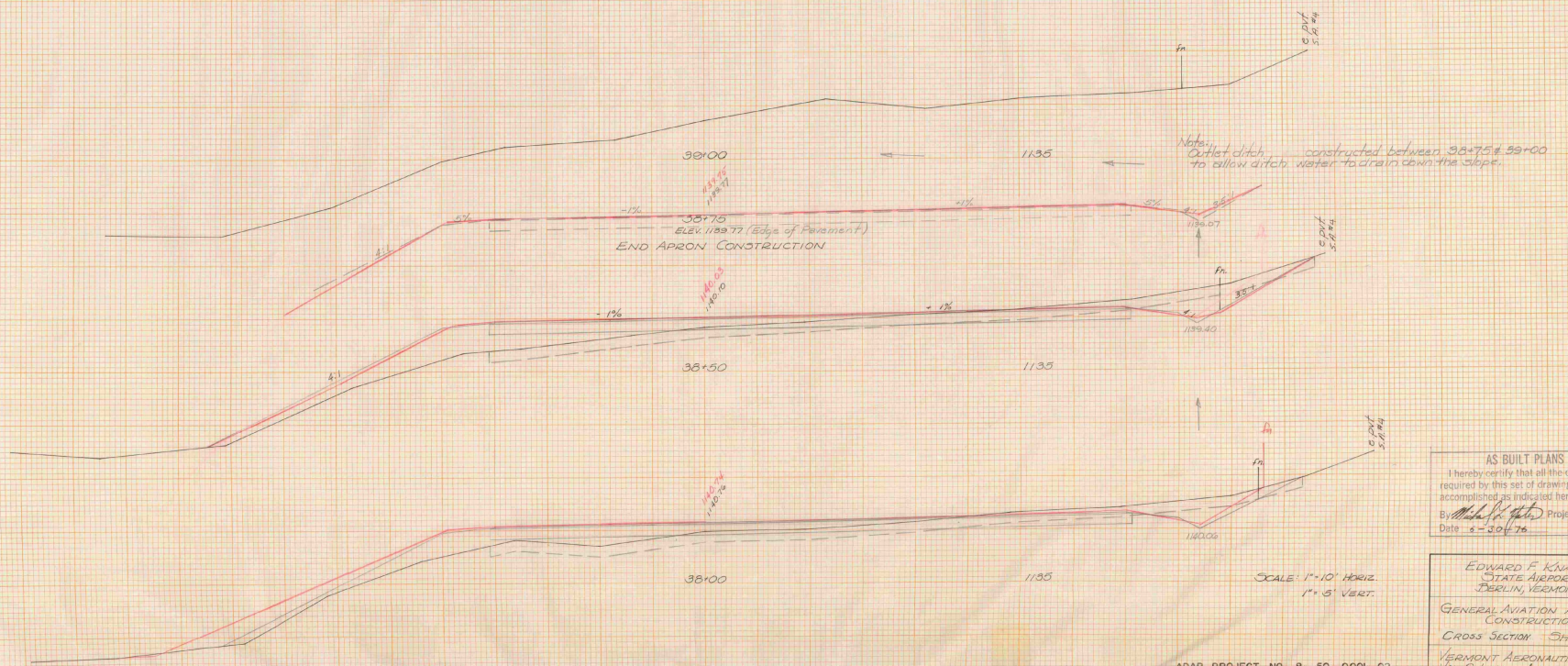


AS BUILT PLANS  
I hereby certify that all the construction required by this set of drawings has been accomplished as indicated herein.  
By *Michael A. Vetter* Project Engineer  
Date 6-70-78

EDWARD F. KIAPP  
STATE AIRPORT  
BERLIN, VERMONT  
GENERAL AVIATION APRON  
CONSTRUCTION  
LAYOUT & DETAIL SHEET  
VERMONT AERONAUTICS BOARD  
WILL O'LEARY, AIRPORT ENGINEER  
DRAWN BY BJK, 2-78

ADAP PROJECT NO. 8-50-0001-02





AS BUILT PLANS  
I hereby certify that all the construction required by this set of drawings has been accomplished as indicated herein.  
By *Edward F. Knapp* Project Engineer  
Date: 5-30-75

EDWARD F. KNAPP  
STATE AIRPORT ENGINEER  
PERLIN, VERMONT  
GENERAL AVIATION APRON CONSTRUCTION  
CROSS SECTION SHEET  
VERMONT AERONAUTICS BOARD  
WAL O. LEROY, AIRPORT ENGINEER  
DRAWN BY: RUK-2-W

ADAP PROJECT NO. 8-50-0001-02  
PAGE 4 OF 4

SCALE: 1" = 10' HORIZ.  
1" = 5' VERT.