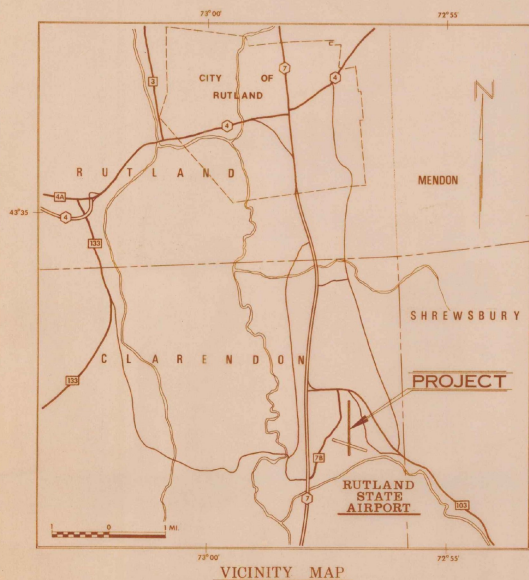


GEOGRAPHIC LOCATION:
Latitude 43°31'48"N
Longitude 72°58'54"W
Elevation 787' - Highest Point on
Useable Landing Area
Airline Distance & Direction
From Rutland 5.9 Miles South
Distance by Road to Rutland
Post Office 6.25 Miles

PLANS FOR RECONSTRUCT PORTIONS, OVERLAY, (STRENGTHENING) AND MARK RUNWAY 1-19, (5000' x 150'); INSTALL VASI-4 AND REILS ON RUNWAY 1-19 INSTALL 36 INCH ROTATING AIRPORT BEACON ON 62' TUBULAR STEEL TOWER

RUTLAND STATE AIRPORT NORTH CLARENDON, VERMONT

A.D.A.P. PROJ. NO. 8-50-0015-03



VICINITY MAP

LEGEND
- U.S. Highways
- State Highways
- Secondary Roads and Street
- Rivers
- Town Boundary
- City Boundary

JOB PROJECT I				
ITEM	DESCRIPTION	UNIT	EST. QUANT.	FINAL QUANT.
1	Unclassified Excavation	C.Y.	2,000	2,000
2	Grass Course	C.Y.	1,220	1,678
3	Crushed Aggregate Base Course	C.Y.	800	800
4	Continuous Prime Coat	Gal.	2,500	2,450
5	Raise Drop Inlet Grates	Each	50	50
6	6" Underdrain	L.F.	674	674
6A	Perforated Backfill No. 2	C.Y.	180	180
7	Boulder Removal (less than 3 cubic yard)	Each	15	24
7A	Boulder Removal (over 1 cubic yard)	Each	5	20
8	Crack Filling	L.F.	100,000	119,619
9	Pavement Removal	S.Y.	14,000	12,564
10	Continuous Tack Coat	Gal.	12,000	8,510
11	Continuous Surface Course	Ton	14,000	13,912
12	Runway Painting	L.S.	200	230
13	Sealing	C.Y.	40	---
14	Sealing	DELETED	---	---

JOB PROJECT II				
ITEM	DESCRIPTION	UNIT	EST. QUANT.	FINAL QUANT.
1	Airport Rotating Beacon	L.S.	1	1
2	Tubular Steel Beacon Tower	L.S.	1	1
3	Cable Trench	L.F.	4,100	4,631
4	U.G. Cable installed in trench (44)	L.F.	7,000	8,590
5	U.G. Cable installed in trench (46)	L.F.	12,000	11,608
6	U.G. Cable installed in duct or conduit (44)	L.F.	110	138
7	U.G. Cable installed in duct or conduit (46)	L.F.	240	276
8	Runway End Identification Lights	L.S.	1	1
9	Four Box Visual Approach Slope Indicators	L.S.	1	1
10	Demolition of Existing Beacon Tower	L.S.	1	1

AS BUILT PLANS

I HEREBY CERTIFY THAT ALL CONSTRUCTION
REQUIRED BY THIS SET OF DRAWINGS HAS BEEN
ACCOMPLISHED AS INDICATED HEREIN.

DUFRESNE-HENRY ENGR. CORP.

BY *John H. Dufresne* PROJECT ENGINEER
DATE 7-10-73

AUGUST 15, 1973

INDEX OF SHEETS	
SHEET	TITLE
1	Title Page
2	Drainage and Typical Sections
3	Numerical and Centerline Marking Details
4	Borings, Boulders and Waste Area Location
5	36" Rotating Beacon, Tower, Base Details and Wiring Diagrams
6	VASI Box and Identifier Lighting Details
7-10	Runway Cross Sections
11-20	Reconstruction Area Cross Sections

NOTE: Runway Cross Sections and Reconstruction Area Cross Sections Plans are available at the Engineer's office. Complete sets will be available to the final bidder prior to construction.

REVISIONS		
Date	Description	By

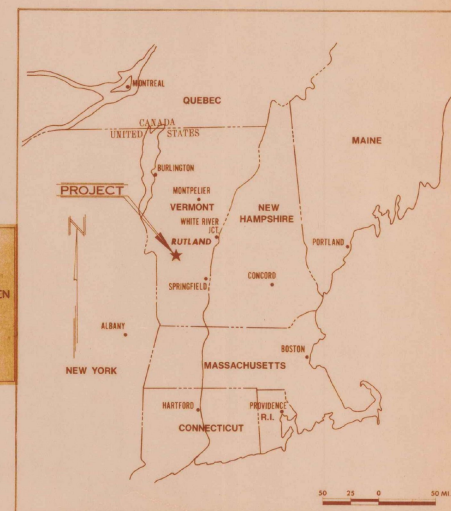
U.S. DEPT. OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

Approved _____ Date _____
Chief, Airports Branch

VERMONT AERONAUTICS BOARD

Approved _____ Date _____
Commissioner

Approved _____ Date _____
Engineer

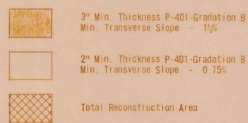
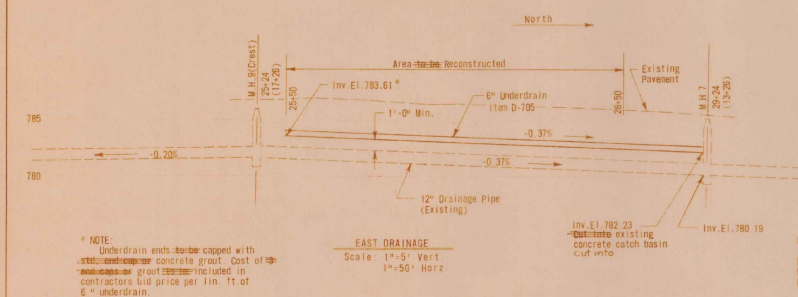


LOCATION MAP

RUTLAND STATE AIRPORT
RUNWAY 1-19
TITLE PAGE
A.D.A.P. PROJECT NO. 8-50-0015-03

DUFRESNE-HENRY
Engineering Corporation
REGISTERED PROFESSIONAL ENGINEERS
VERMONT, U.S.A.

DESIGNED BY 73-2-0015-1 DRAWN BY E.J. Dufresne
CHECKED BY As shown
DATE 7-10-73
DATE 7-10-73



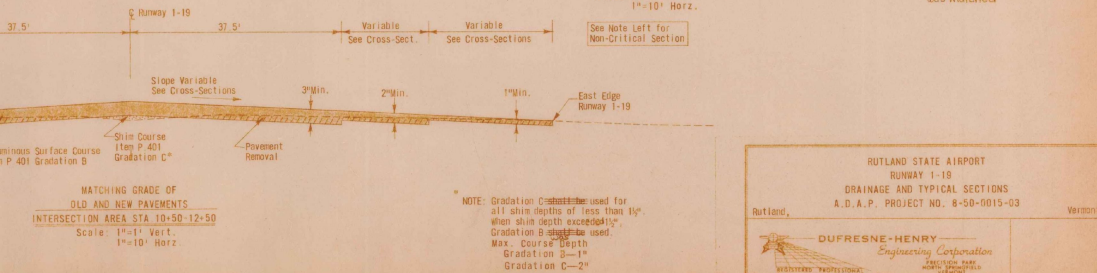
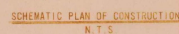
I HEREBY CERTIFY THAT ALL CONSTRUCTION
REQUIRED BY THIS SET OF DRAWINGS HAS BEEN
ACCOMPLISHED AS INDICATED HEREIN.

DUFRESNE - HENRY ENGR. CORP.

BY Robert

PROJECT ENGINEER

DATE 1-29-76



NOTE: Gradation C ~~shall be~~ used for all shim depths of less than 1½". When shim depth exceeds 1½", Gradation B ~~shall be~~ used.

Max. Course Depth
Gradation B—1"
Gradation C—2"

RUTLAND STATE AIRPORT
RUNWAY 1-19
DRAINAGE AND TYPICAL SECTIONS
A.D.A.P. PROJECT NO. 8-50-0015-03

Rutland, A.D.A.P. PROJECT NO. 8-50-0013-03 Vernon

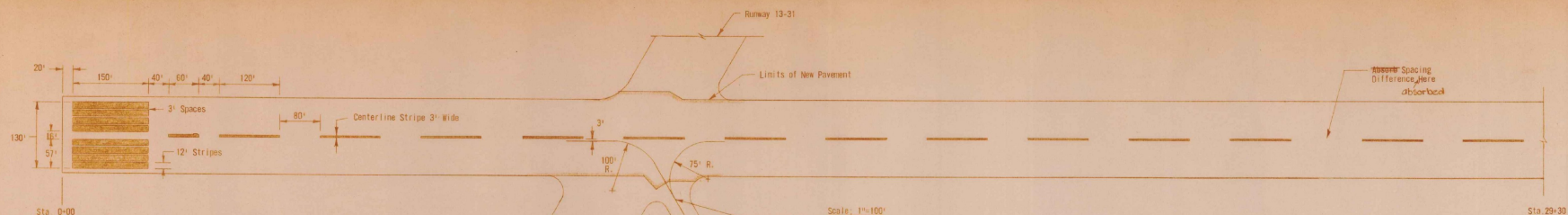
DUFRESNE-HENRY

Engineering Corporation
PRECISION PARK

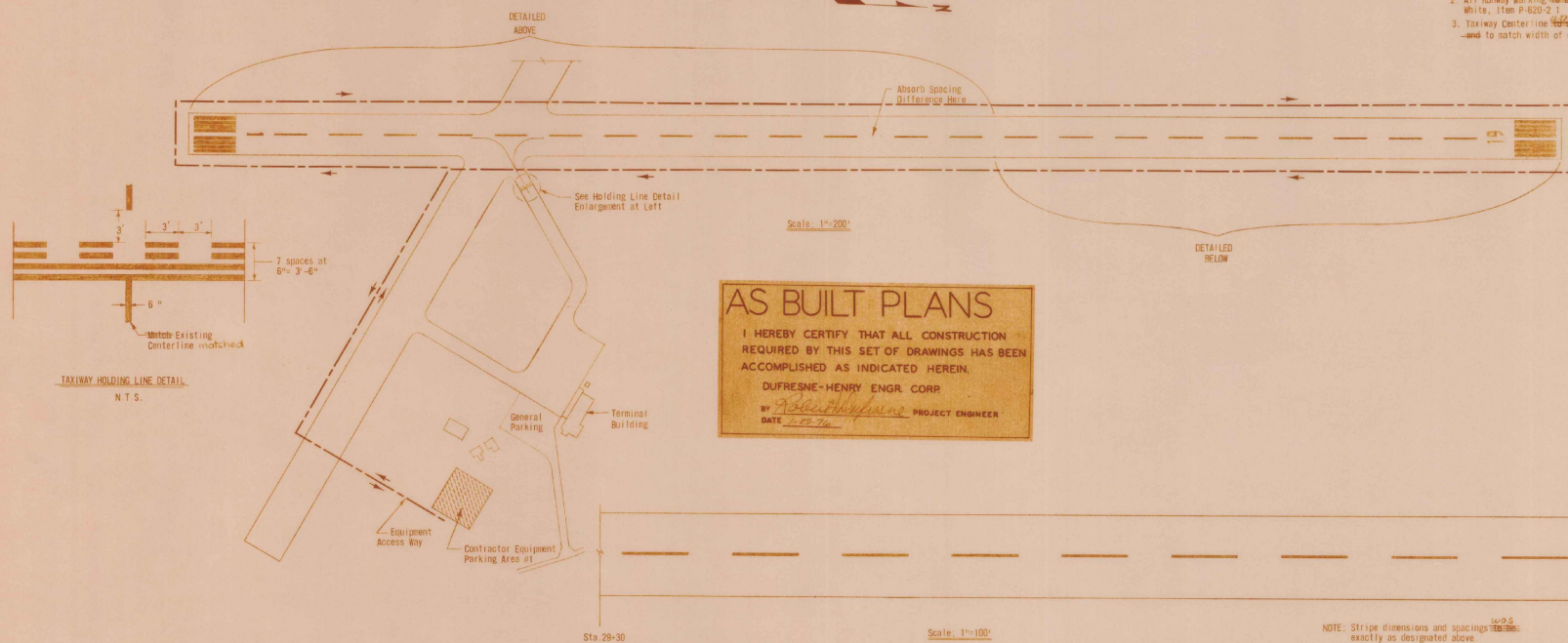
DRAWING NO.	2-8010.1	DESIGN ENGR.	R.J. Dufresne
SURVEY CHIEF		SCALE	As Shown

PLOTTED BY GW 7-5-73 SHEET 1 OF 20
 DATE 7-5-73 BY GW

FILED BY	GN	7-6-73	DATE	JULY 10, 1973
CHECKED BY	WR	7-10-73	APPROVED	<i>[Signature]</i>



- NOTE:
1. Lay out Runway Centerline spacing from both ends toward center.
 2. All Runway Markings on Aviation Surface White, Item P-620-2.1.
 3. Taxiway Centerline to be painted Aviation Yellow and to match width of existing centerline stripe.



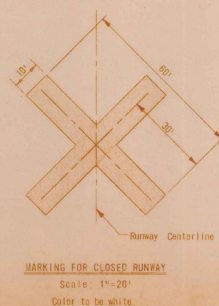
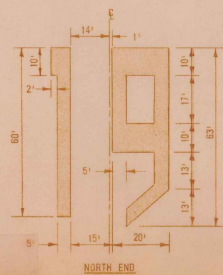
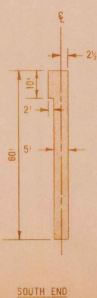
AS BUILT PLANS

I HEREBY CERTIFY THAT ALL CONSTRUCTION REQUIRED BY THIS SET OF DRAWINGS HAS BEEN ACCOMPLISHED AS INDICATED HEREIN.

DUFRESNE-HENRY ENGR. CORP.

BY *[Signature]* PROJECT ENGINEER

DATE 1-20-76



NOTE: Closed runway markings installed over runway materials of either runway during any construction operations that obstructed the runway. Material for cross and method of anchoring to be approved by Engineer. This item cost included in surfacing cost.

NOTE: Stripe dimensions and spacings exactly as designated above.

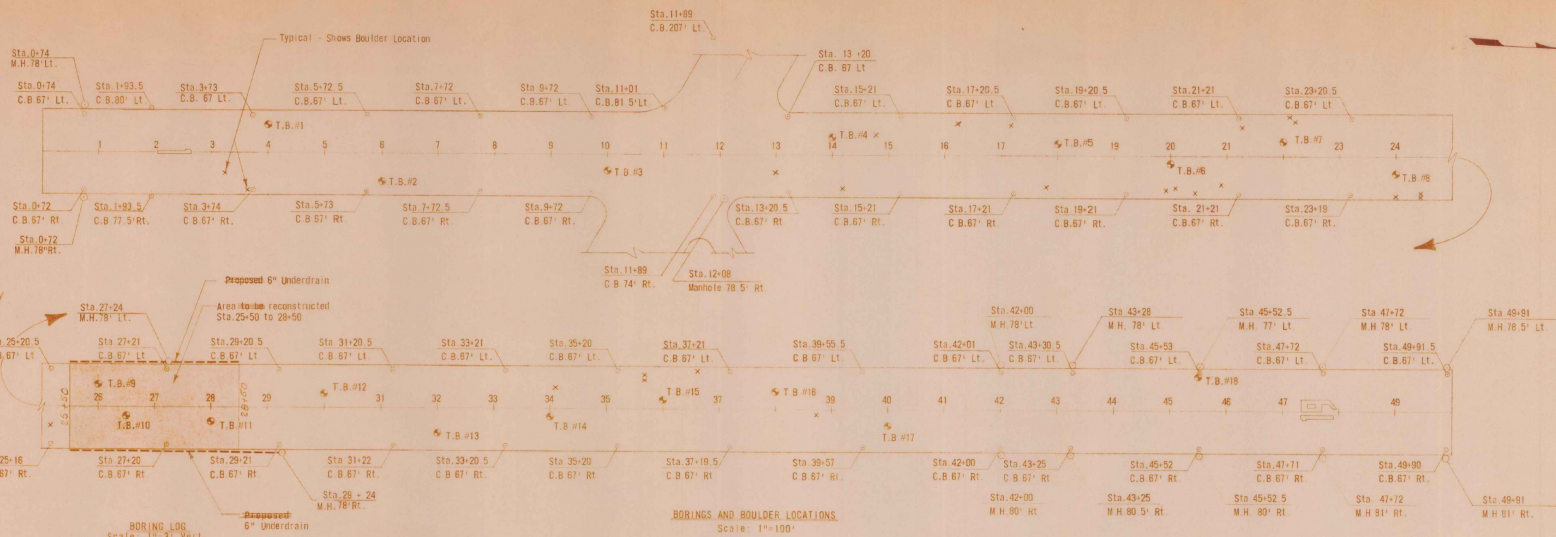
RUTLAND STATE AIRPORT			
RUNWAY 1-19			
NUMERAL AND CENTERLINE MARKING DETAILS			
A.C.A.P. PROJ. NO. 8-50-0015-03			
Rutland Vermont			
DUFRESNE-HENRY Engineering Corporation			
REGISTERED PROFESSIONAL CIVIL & SANITARY ENGINEERS			
DESIGNED BY	SCALE	REVISION NO.	E.J. DUFRESNE
CHECKED BY	DATE	DATE	AS SHOWN
APPROVED BY	DATE	DATE	1-20-76
CHECKED BY	DATE	DATE	1-20-76

LOCATION OF BOULDERS		
STATION	DISTANCE Left	Rt.
3-25		7.5
3-64		68.0
13-00		32.5
14-15		80.0
14-77	34.0	
16-25	55.0	
17-16		
17-80.5		58.0
19-80		63.0
20-08		57.0
20-43		86.5
20-88		51.0
21-25	51.0	
22-10	68.0	
22-19	58.0	
24-03		70.0
24-43		70.5
24-43		65.0
25-21		39.0
34-12	38.0	
35-88	58.5	
35-88	49.5	
36-52.5	67.0	
38-75		9.0

Note: An additional 20 boulders were removed from random locations.

B.M.	ELEVATION	STATION
1	781.195	4+50 - 100' RT.
2	783.890	9+00 - 100' RT.
3	784.030	13+50 - 100' RT.
4	784.200	18+00 - 100' RT.
5	784.990	22+50 - 100' RT.
6	785.510	27+00 - 100' RT.
7	783.715	31+50 - 100' RT.
8	781.440	36+00 - 100' RT.
9	778.560	40+50 - 100' RT.
10	777.245	45+00 - 100' RT.

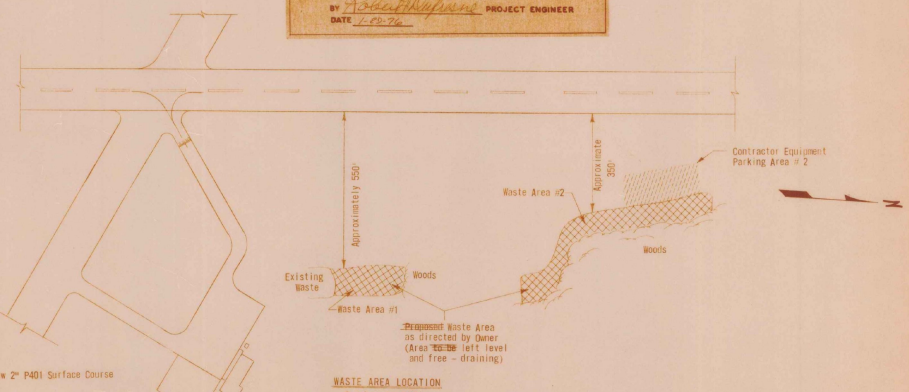
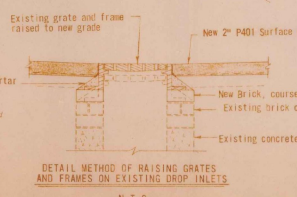
NOTE: All B.M.'s are located 100' right of the baseline stations and are on top of steel rods.



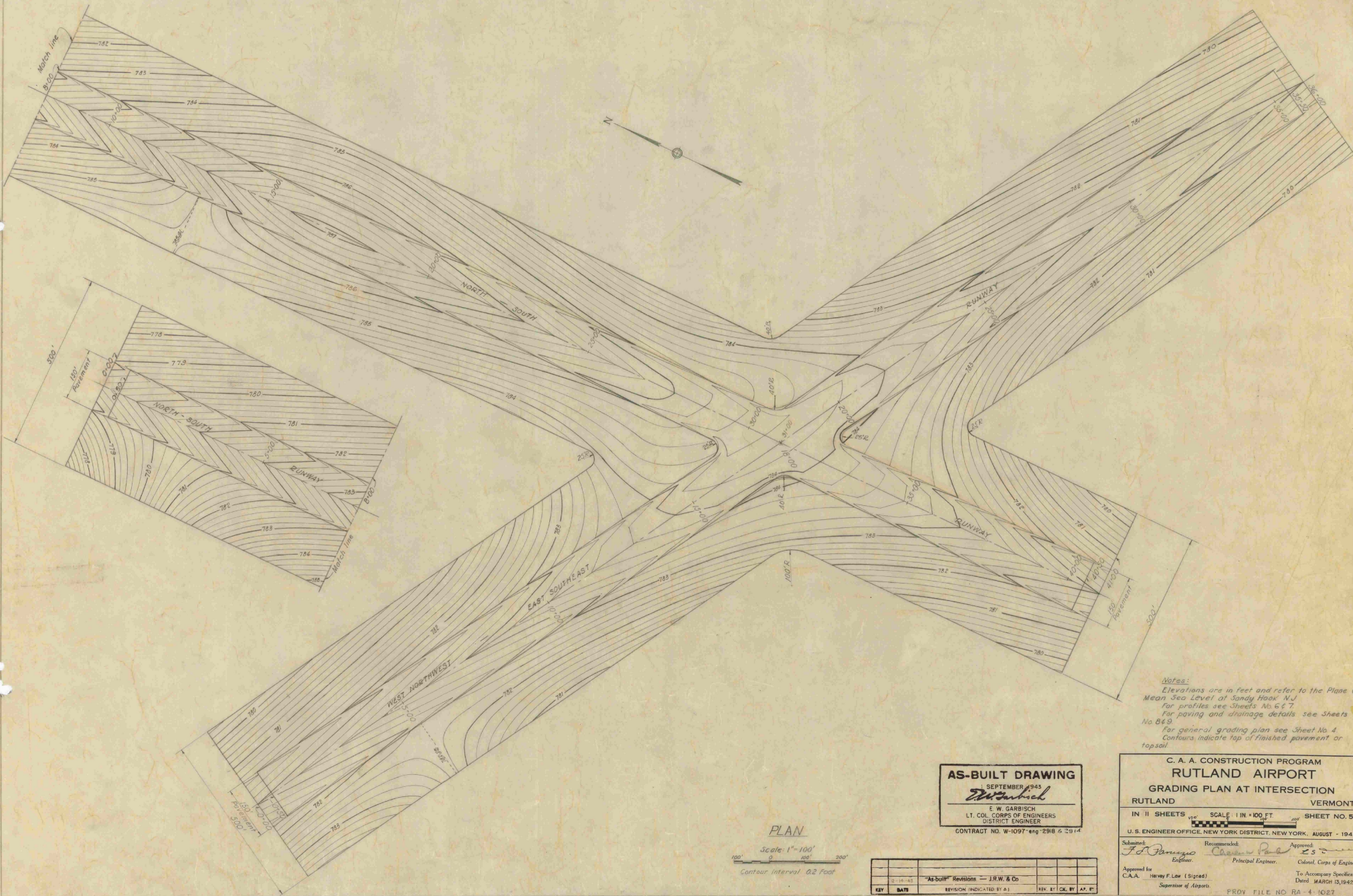
AS BUILT PLANS
 I HEREBY CERTIFY THAT ALL CONSTRUCTION REQUIRED BY THIS SET OF DRAWINGS HAS BEEN ACCOMPLISHED AS INDICATED HEREIN.
 DUFRESNE-HENRY ENGR. CORP.
 BY *Robert J. Dufresne* PROJECT ENGINEER
 DATE *7-22-76*



NOTE: Boulders removed between 25-50 to 28-50 and were removed and paid for under Section 1. "Unclassified Excavation." No "Boulder" payment, as such, will be made.



RUTLAND STATE AIRPORT RUNWAY 1-19 BORINGS, BOULDERS & WASTE AREA LOCATION A.D.A.P. PROJECT NO. 8-50-0015-03			
Rutland, Vermont		DUFRESNE-HENRY Engineering Corporation REGISTERED PROFESSIONAL CIVIL & SANITARY ENGINEERS EXPIRATION DATE 12-31-77	
DRAWING NO.	8-50-0015-03	DESIGN SHEET	OF 20
SURVEY CODE	2010	SCALE	AS SHOWN
CHECKED BY	WR	DATE	JULY 22, 1976
DESIGNED BY	WR	DATE	JULY 22, 1976
CHECKED BY	WR	DATE	JULY 22, 1976



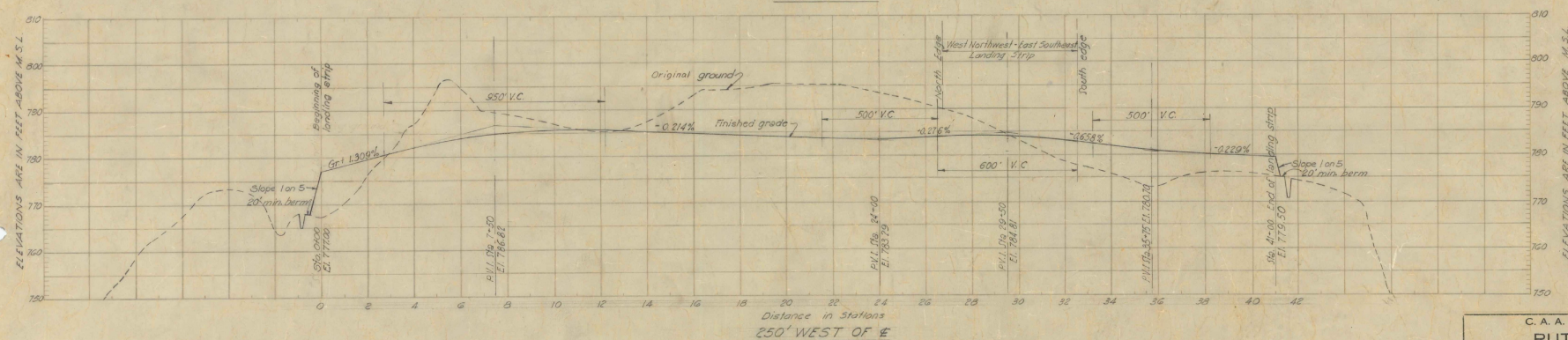
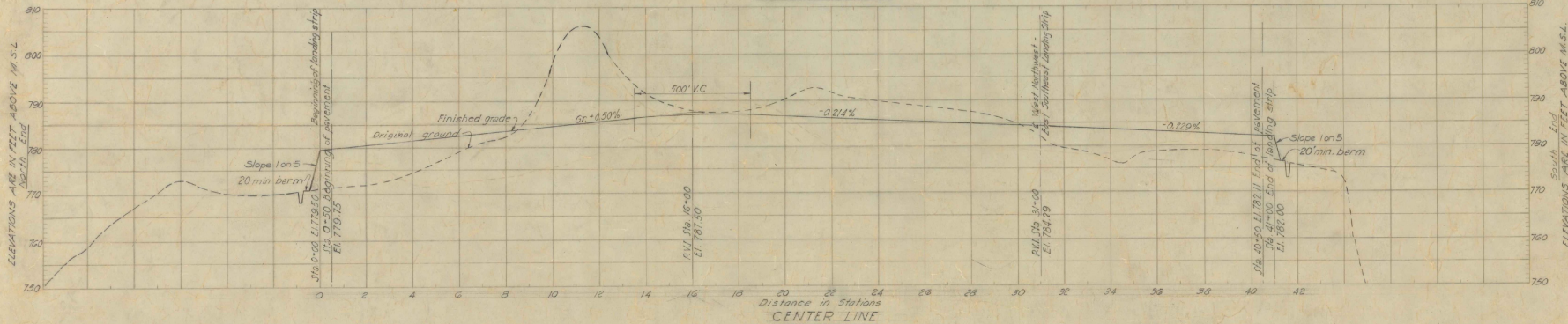
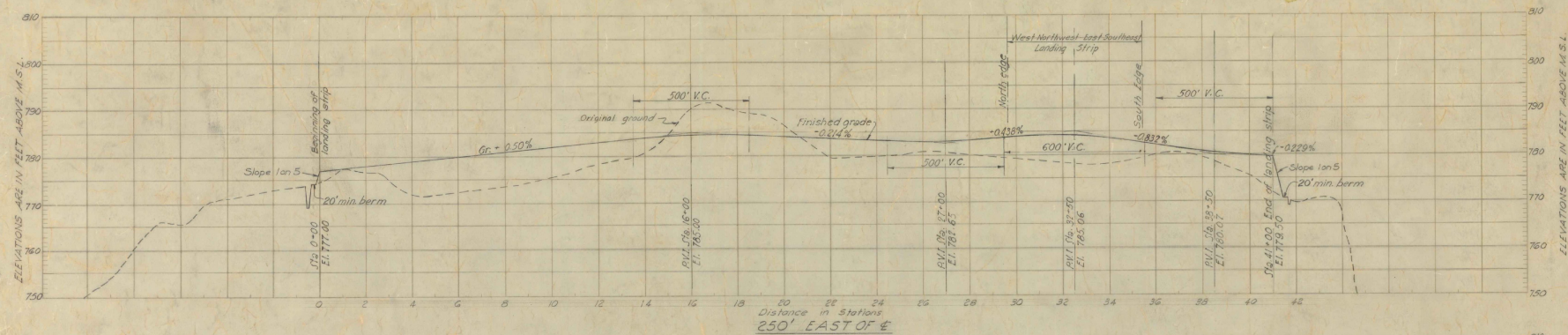
Notes:
 Elevations are in feet and refer to the Plane of Mean Sea Level of Sandy Hook, N.J.
 For profiles see Sheets No. 6 & 7.
 For paving and drainage details see Sheets No. 8 & 9.
 For general grading plan see Sheet No. 4.
 Contours indicate top of finished pavement or topsoil.

AS-BUILT DRAWING
 SEPTEMBER 1945
E. W. Garbisch
 LT. COL. CORPS OF ENGINEERS
 DISTRICT ENGINEER
 CONTRACT NO. W-1097-ENG-2918 & 2914

PLAN
 Scale: 1" = 100'
 Contour Interval: 0.2 Feet

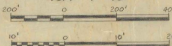
KEY	DATE	REVISION INDICATED BY A.	REV.	BY	CHK.	APP.
1	10-14-45	"As-Built" Revisions - J.R.W. & Co.				

C. A. A. CONSTRUCTION PROGRAM
RUTLAND AIRPORT
GRADING PLAN AT INTERSECTION
 RUTLAND VERMONT
 IN 11 SHEETS SCALE: 1 IN = 100 FT. SHEET NO. 5
 U. S. ENGINEER OFFICE, NEW YORK DISTRICT, NEW YORK, AUGUST - 1942.
 Submitted: *E. W. Garbisch* Recommended: *E. W. Garbisch* Approved: *E. W. Garbisch*
 Engineer: *E. W. Garbisch* Principal Engineer: *E. W. Garbisch* Colonel, Corps of Engineers.
 Approved for: C.A.A. Heavy F. Line (Signed) To Accompany Specifications: Dated: MARCH 13, 1942.
 Supervisor of Airports.
 PROV. FILE NO. RA-4-1027
 FILE NO. A-496.



PROFILES OF NORTH-SOUTH LANDING STRIP

Scales: Horiz. 1" = 200'
Vert. 1" = 10'



NOTES:
Profiles are based on field survey by U.S. Engineer Office.
For Grading Plan see Sheet No. 465.
Elevations are in feet and refer to the plane of Mean Sea Level at Sandy Hook, N.J.
For profile of West Northwest-East Southwest landing strip see Sheet No. 7.
Profiles show finished surface at top of pavement or topsoil.
For paving and drainage details see Sheet No. 86.9.

AS-BUILT DRAWING

1 SEPTEMBER 1943

E. W. GARRISCH
LT. COL. CORPS OF ENGINEERS
DISTRICT ENGINEER

CONTRACT NO. W-1097-eng-2918 & 2919

C. A. A. CONSTRUCTION PROGRAM
RUTLAND AIRPORT
PROFILES OF NORTH-SOUTH LANDING STRIP

RUTLAND VERMONT

IN 11 SHEETS HOR. SCALE: 1 IN. = 200 FT. SHEET NO. 6

VERT. SCALE: 1 IN. = 10 FT.

U. S. ENGINEER OFFICE, NEW YORK DISTRICT, NEW YORK. AUGUST - 1942.

Submitted Recommended Approved

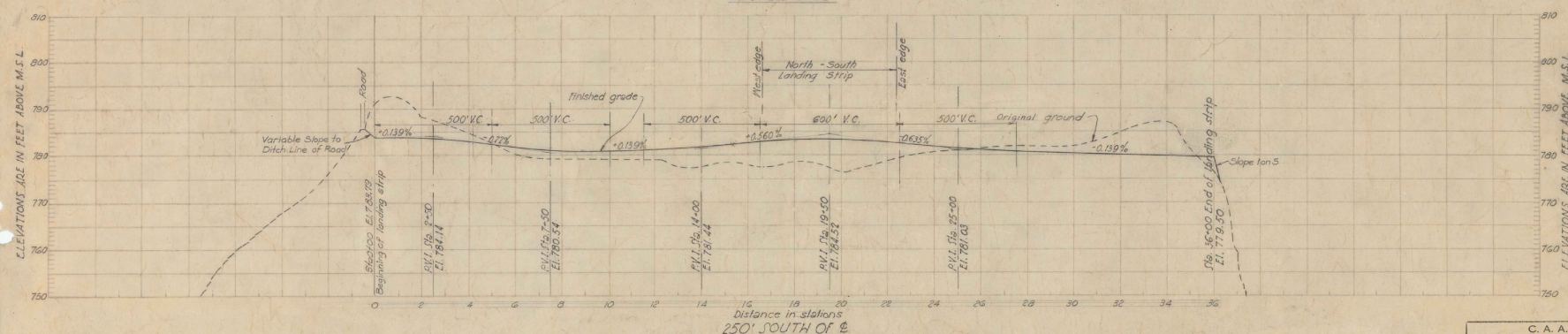
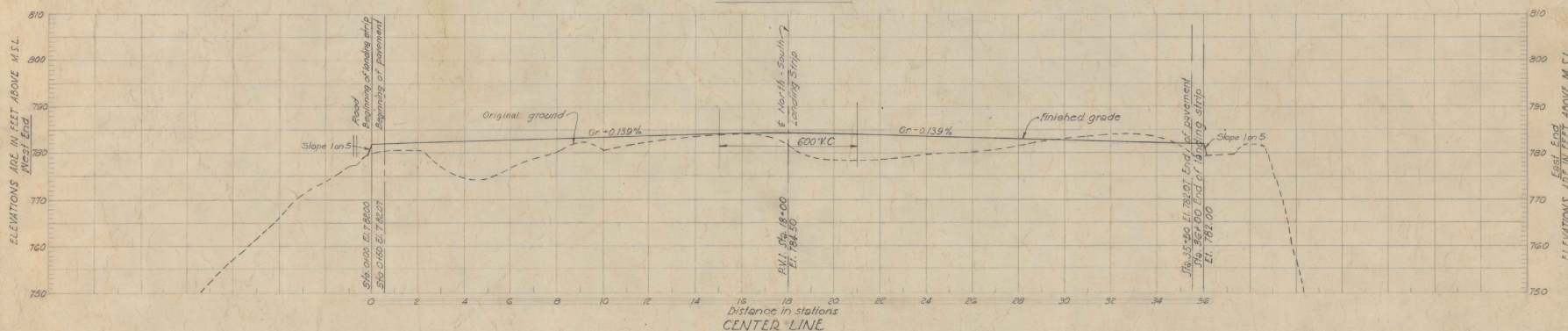
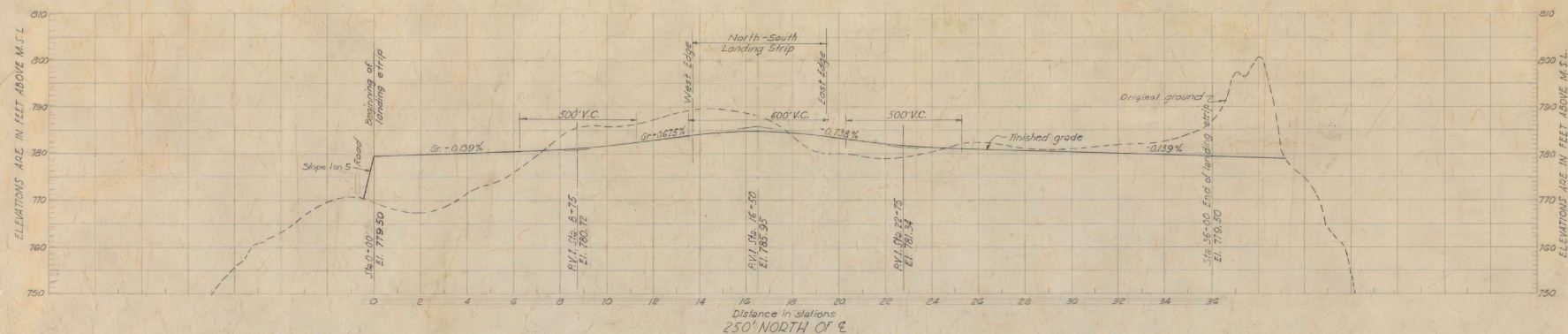
For Engineer Chief of Party Col. Corps of Engineers

Approved for CAA Harvey F. Law (Signed) To Approving Authorities David MARS: B. 5.12

Superintendent of Airports

RA-3-1026

FILE NO. A-497.



PROFILES OF WEST NORTHWEST-EAST SOUTHEAST LANDING STRIP

Scales: Horiz. 1"=100'
Vert. 1"=10'

NOTES:
Profiles are based on field survey by U.S. Engineer Office.
For Grading Plan see sheets No. 845.
Elevations are in feet and refer to the plane of Mean Sea Level at Sandy Hook, N. J.
For profile of North-South landing strip see sheet No. 846.
Profiles show finished surface of top of pavement or topsoil.
For paving and drainage details see sheets No. 849.

AS-BUILT DRAWING

SEPTEMBER 1943

E. W. GARBISCH

L.T. COL. CORPS OF ENGINEERS

DISTRICT ENGINEER

CONTRACT NO. W-1097-ENG-2918 A 2914

C. A. A. CONSTRUCTION PROGRAM

RUTLAND AIRPORT

PROFILES OF WEST NORTHWEST-EAST SOUTHEAST LANDING STRIP
RUTLAND VERMONT

IN 11 SHEETS HOR. SCALE 1"=200 FT. VERT. SCALE 1"=10 FT. SHEET NO. 7

U.S. ENGINEER OFFICE, NEW YORK DISTRICT, NEW YORK, AUGUST - 1942.

Submitted: Recommended: Approved:

For: [Signature] Chief, Corps of Engineers

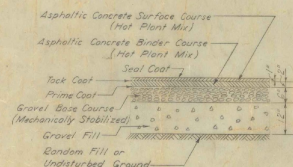
Approved for: [Signature] Principal Engineer

To: [Signature] District Engineer

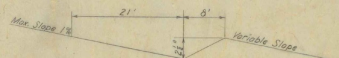
Approved for: [Signature] Superintendent of Airports

PROJ. 1097-ENG-2918 A 2914

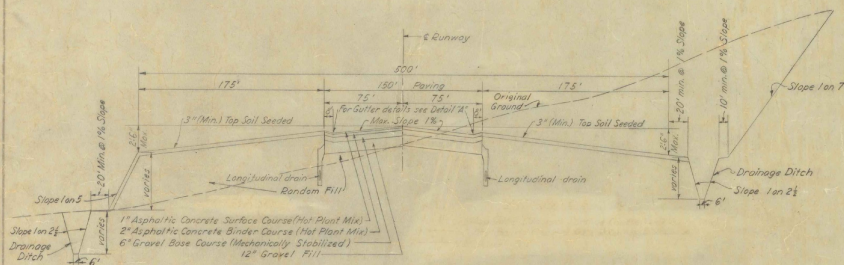
FILE NO. A-498



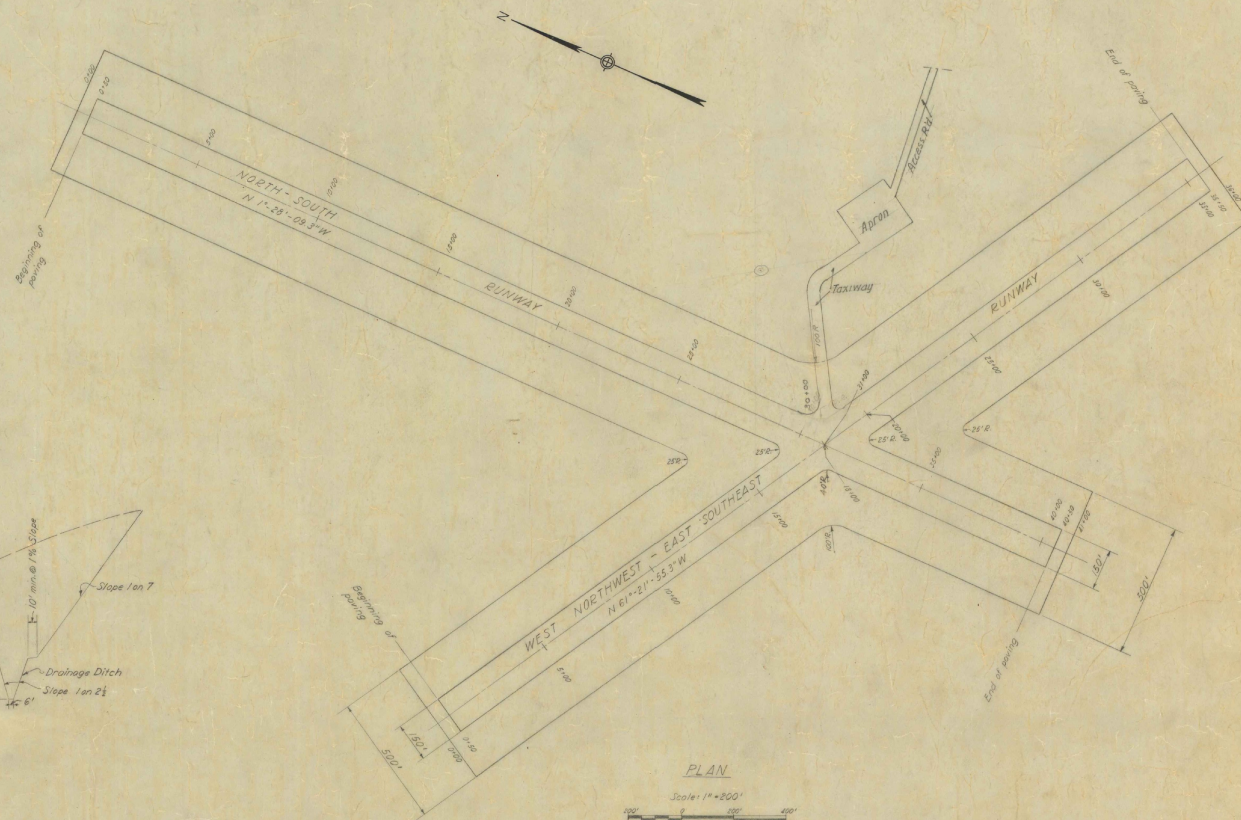
DETAIL OF PAVEMENT
ALTERNATE 'A'



CUTTED - DETAIL 'A'



TYPICAL SECTION THROUGH RUNWAY PAVING AND LANDING STRIP
Not to Scale



PLAN

Scale: 1" = 200'

NOTES:

For grading plans see Sheets No. 4 & 5.
For profiles see Sheets No. 6 & 7.
For drainage details see Sheet No. 3.

AS-BUILT DRAWING
SEPTEMBER 1943
E. W. Garbisch
E. W. GARBISCH
LT. COL. CORPS OF ENGINEERS
DISTRICT ENGINEER
CONTRACT NO. W-1017 - eng-2918 & 2914

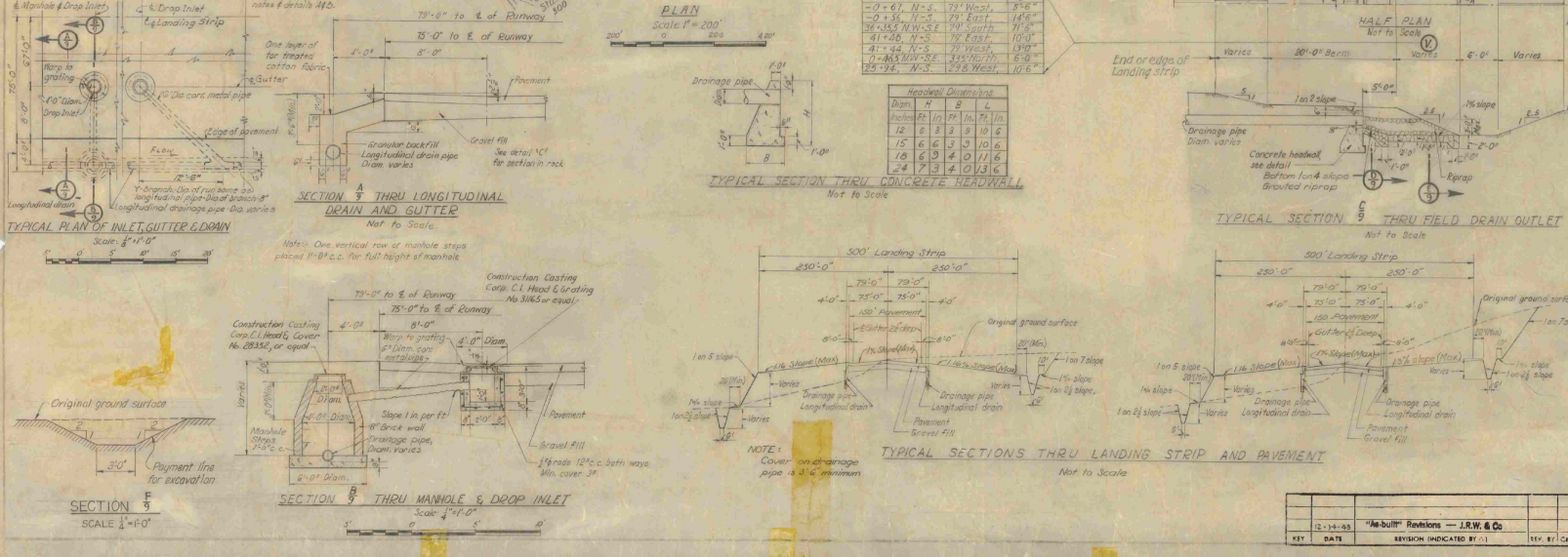
C. A. A. CONSTRUCTION PROGRAM
RUTLAND AIRPORT
PAVING PLAN & DETAILS
RUTLAND VERMONT
IN 11 SHEETS SCALE: 1" = 200 FT. SHEET NO. 8
U. S. ENGINEER OFFICE, NEW YORK DISTRICT, NEW YORK, AUGUST - 1942.
Submitted by *F. C. Garbisch* Recommended by *Charles E. P.* Approved by *E. W. Garbisch*
Engineer Principal Engineer Colonel, Corps of Engineers
Approved by C.A.A. Harvey F. Lee (Signed) To Accompany Specifications Dated MARCH 13, 1942
Superintendent of Airports

REVISION INDICATED BY	REVISION	DATE
12-13-43	"As-built" Revisions - J.R.W. & Co	
REV. BY	CHK. BY	AP. BY



ELEVATIONS OF INLET GRATINGS & DRAINAGE PIPES

N-W LANDING STRIP				W-NW LANDING STRIP			
No.	E. Sta.	To E. of	Grating M.H. Elevation	No.	E. Sta.	To E. of	Grating M.H. Elevation
1	484.0	11.0	774.0	43	484.0	11.0	774.0
2	484.0	11.0	774.0	44	484.0	11.0	774.0
3	484.0	11.0	774.0	45	484.0	11.0	774.0
4	484.0	11.0	774.0	46	484.0	11.0	774.0
5	484.0	11.0	774.0	47	484.0	11.0	774.0
6	484.0	11.0	774.0	48	484.0	11.0	774.0
7	484.0	11.0	774.0	49	484.0	11.0	774.0
8	484.0	11.0	774.0	50	484.0	11.0	774.0
9	484.0	11.0	774.0	51	484.0	11.0	774.0
10	484.0	11.0	774.0	52	484.0	11.0	774.0
11	484.0	11.0	774.0	53	484.0	11.0	774.0
12	484.0	11.0	774.0	54	484.0	11.0	774.0
13	484.0	11.0	774.0	55	484.0	11.0	774.0
14	484.0	11.0	774.0	56	484.0	11.0	774.0
15	484.0	11.0	774.0	57	484.0	11.0	774.0
16	484.0	11.0	774.0	58	484.0	11.0	774.0
17	484.0	11.0	774.0	59	484.0	11.0	774.0
18	484.0	11.0	774.0	60	484.0	11.0	774.0
19	484.0	11.0	774.0	61	484.0	11.0	774.0
20	484.0	11.0	774.0	62	484.0	11.0	774.0
21	484.0	11.0	774.0	63	484.0	11.0	774.0
22	484.0	11.0	774.0	64	484.0	11.0	774.0
23	484.0	11.0	774.0	65	484.0	11.0	774.0
24	484.0	11.0	774.0	66	484.0	11.0	774.0
25	484.0	11.0	774.0	67	484.0	11.0	774.0
26	484.0	11.0	774.0	68	484.0	11.0	774.0
27	484.0	11.0	774.0	69	484.0	11.0	774.0
28	484.0	11.0	774.0	70	484.0	11.0	774.0
29	484.0	11.0	774.0	71	484.0	11.0	774.0
30	484.0	11.0	774.0	72	484.0	11.0	774.0
31	484.0	11.0	774.0	73	484.0	11.0	774.0
32	484.0	11.0	774.0	74	484.0	11.0	774.0
33	484.0	11.0	774.0	75	484.0	11.0	774.0
34	484.0	11.0	774.0	76	484.0	11.0	774.0
35	484.0	11.0	774.0	77	484.0	11.0	774.0
36	484.0	11.0	774.0	78	484.0	11.0	774.0
37	484.0	11.0	774.0	79	484.0	11.0	774.0
38	484.0	11.0	774.0	80	484.0	11.0	774.0
39	484.0	11.0	774.0	81	484.0	11.0	774.0
40	484.0	11.0	774.0	82	484.0	11.0	774.0
41	484.0	11.0	774.0	83	484.0	11.0	774.0
42	484.0	11.0	774.0	84	484.0	11.0	774.0
43	484.0	11.0	774.0	85	484.0	11.0	774.0
44	484.0	11.0	774.0	86	484.0	11.0	774.0
45	484.0	11.0	774.0	87	484.0	11.0	774.0
46	484.0	11.0	774.0	88	484.0	11.0	774.0
47	484.0	11.0	774.0	89	484.0	11.0	774.0
48	484.0	11.0	774.0	90	484.0	11.0	774.0



LEGEND

- Drop inlet and Y branch
- Manhole and inlet
- End of pipe
- Drainage pipe outlet
- Longitudinal drain, showing pipe size
- Longitudinal drain, showing pipe size
- Manhole
- Drainage ditch
- Old road
- Drop inlet

NOTES

Elevations are in feet and refer to the plane of Mean Sea Level (M.S.L.).
 Location of ditches not to scale.
 Slope of ditches conforming to elevations shown.
 Elevations on sheet and above refer to invert.
 For original topography, see Sheet No. 2.
 For grading plan, see Sheet No. 4 and 5.
 For section elevations, see Sheet No. 8 and 9.
 For paving plan, see Sheet No. 8.

AS-BUILT DRAWING
 SEPTEMBER 1943
 E. W. GARIBICH
 LT. COL. CORPS OF ENGINEERS
 DISTRICT ENGINEER
 CONTRACT NO. W-1097-eng-2918 & 29-4

C. A. A. CONSTRUCTION PROGRAM
RUTLAND AIRPORT
DRAINAGE PLAN & DETAILS

RUTLAND VERMONT

IN 11 SHEETS SCALE: 1" = 200 FT. SHEET NO. 9

U.S. ENGINEER OFFICE, NEW YORK DISTRICT, NEW YORK, AUGUST, 1942.

Submitted: *J. P. Horgan* Recommended: *Charles P. Paul* Approved: *W. E. Garibich*

Engineer Principal Engineer Colonel, Corps of Engineers

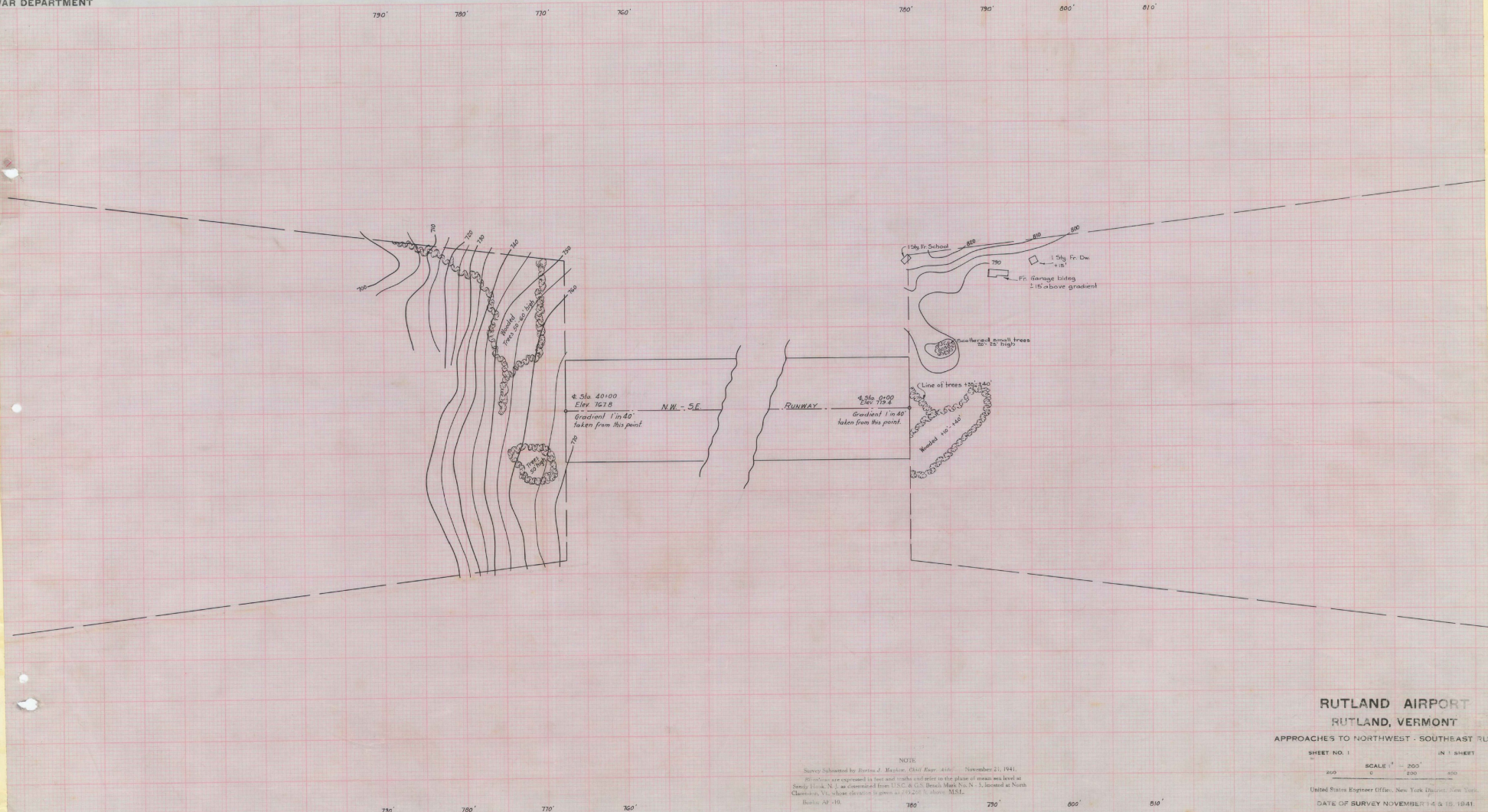
Approved by: *Harvey F. Low* (Signed) To Accompany Specifications
 Superintendent of District Draft, March 13, 1942.

PROV. FILE NO. A-4-1031 FILE NO. A-500.



WAR DEPARTMENT

CORPS OF ENGINEERS, U. S.



RUTLAND AIRPORT
RUTLAND, VERMONT
APPROACHES TO NORTHWEST - SOUTHEAST RUNWAYS

SHEET NO. 1 IN 1 SHEET

SCALE 1" = 200'

United States Engineer Office, New York District, New York

DATE OF SURVEY NOVEMBER 14 & 15, 1941

PROV. FILE NO. RA-4-1015

FILE NO. A-48

NOTES:
 Survey conducted by *Barrett J. Mason, Civil Eng. 4th*, November 21, 1941.
 Elevations are expressed in feet and water surface in the plane of mean sea level at
 New York (1929) as determined from U.S.C. & G.S. Bench Mark No. 5, located at North
 Chatham, Vt. whose elevation is given as 2752.21 in sheet 1015.
 Route AF-10.

WAR DEPARTMENT

CORPS OF ENGINEERS, U. S. ARMY

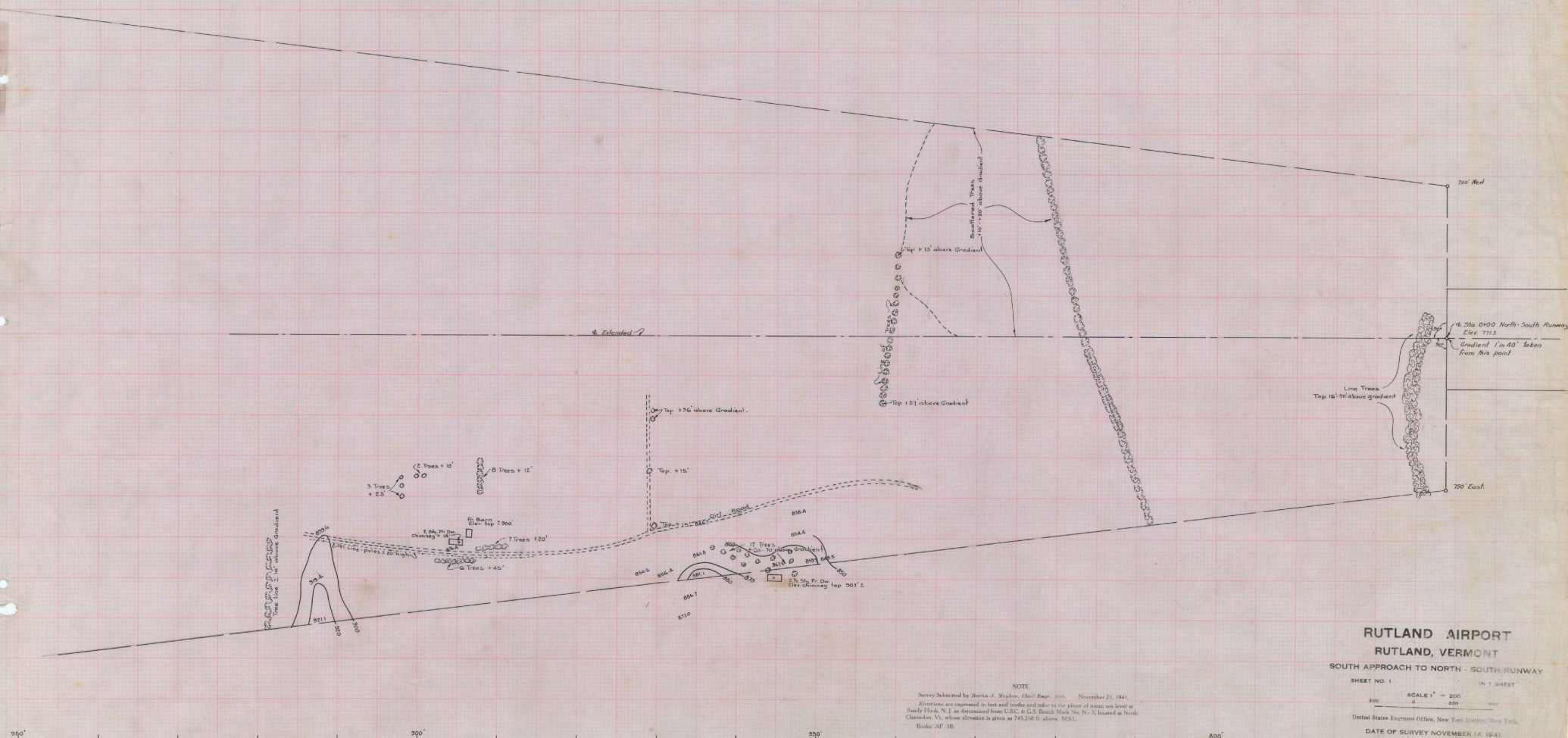
850'

950'

850'

800'

750'



RUTLAND AIRPORT
RUTLAND, VERMONT
 SOUTH APPROACH TO NORTH - SOUTH RUNWAY

SHEET NO. 1 IN 1 SHEET

SCALE 1" = 200'

United States Engineer Office, New York, 10001, New York

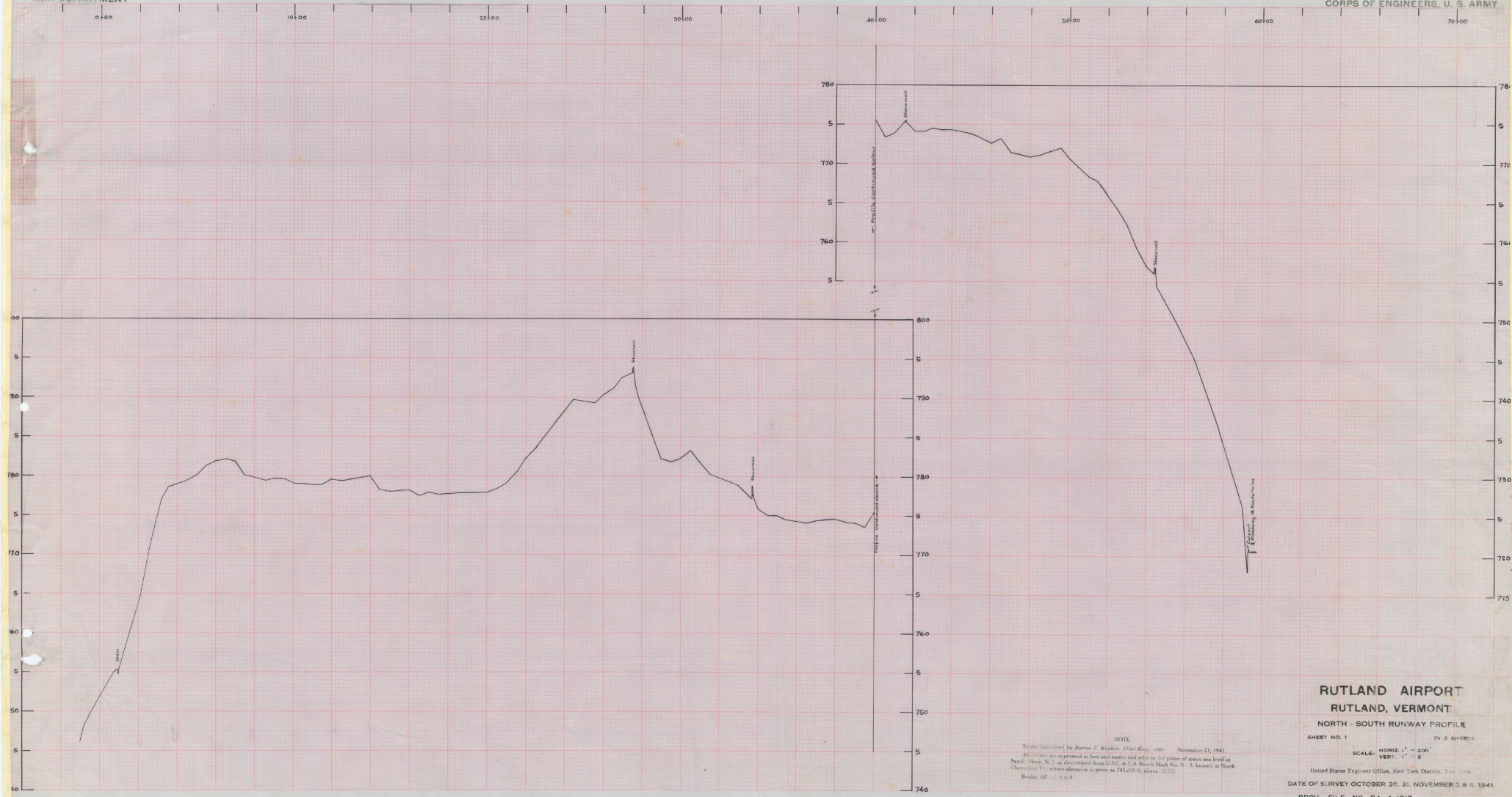
DATE OF SURVEY NOVEMBER 14, 1941

PROV. FILE NO. RA-4-1016 FILE NO. A-485

WAR DEPARTMENT

EAST PROFILE
NORTH - SOUTH - RUNWAY

CORPS OF ENGINEERS, U. S. ARMY



RUTLAND AIRPORT
RUTLAND, VERMONT
NORTH - SOUTH RUNWAY PROFILE

SHEET NO. 1 IN 2 SHEETS

SCALE: HORIZ. 1" = 200'
VERT. 1" = 5'

United States Engineer Office, New York District, New York

DATE OF SURVEY OCTOBER 30, NOVEMBER 3 & 6, 1941.

PROV. FILE NO. RA-4-1017 FILE NO. A-486.

NOTE
Notes submitted by Burton J. Rusk, Chief Eng. Aide, November 21, 1941.
Elevations are expressed in feet and decimals and refer to the plane of mean sea level at
Sandy Hook, N. J., as determined from U.S.C. & G.S. Bench Mark No. 1, located at Park
Claremont, N. H., whose elevation is given as 745.200 ft. above M.S.L.
Boston, A.F. 1000.

Sheet No. 1 of 2



NOTE
Survey Submitted by Barton J. Mayken, *Chil. Engr. Asst.*, November 21, 1941.
 Elevations as expressed in feet and tenths and refer to the plane of mean sea level at
 Sandy Hook, N. J., as determined from U.S.C. & G.S. Bench Mark No. 5, located at North
 Greenport, Va., whose elevation is given as 743.268 ft. above M.S.L.
 Books AF - 3, 8 & 9.

SHEET NO. 2 IN 3 SHEETS
SCALE: HORIZ. 1" = 200'
VERT. 1" = 5'
United States Engineer Office, New York District, New York.
DATE OF SURVEY OCTOBER 30, 31, NOVEMBER 3 & 6, 1941
PROV. FILE NO. RA-4-101B FILE NO. A-487
PUTLAND 7

WAR DEPARTMENT

CORPS OF ENGINEERS, U. S. ARMY

RUTLAND AIRPORT
RUTLAND, VERMONT
NORTH - SOUTH RUNWAY PROFILE

SHEET NO. 3 IN 3 SHEETS

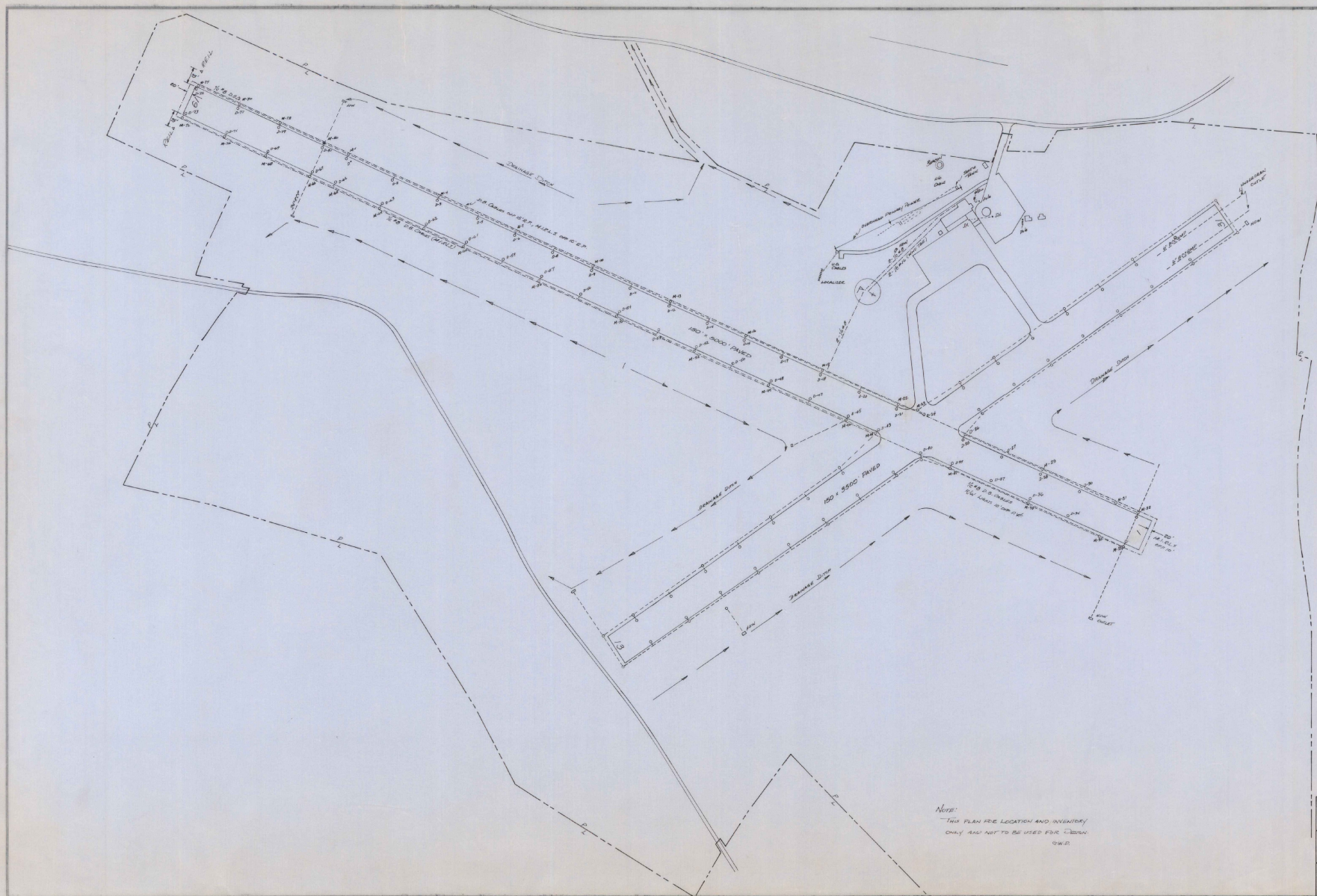
SCALE: HORIZ 1" = 20'
VERT 1" = 5'

United States Engineer Office, New York District, New York.

DATE OF SURVEY OCTOBER 30, 31, NOVEMBER 3 & 6, 1941

PROV. FILE NO. BA-4-1018

Sheet No 2 of 3

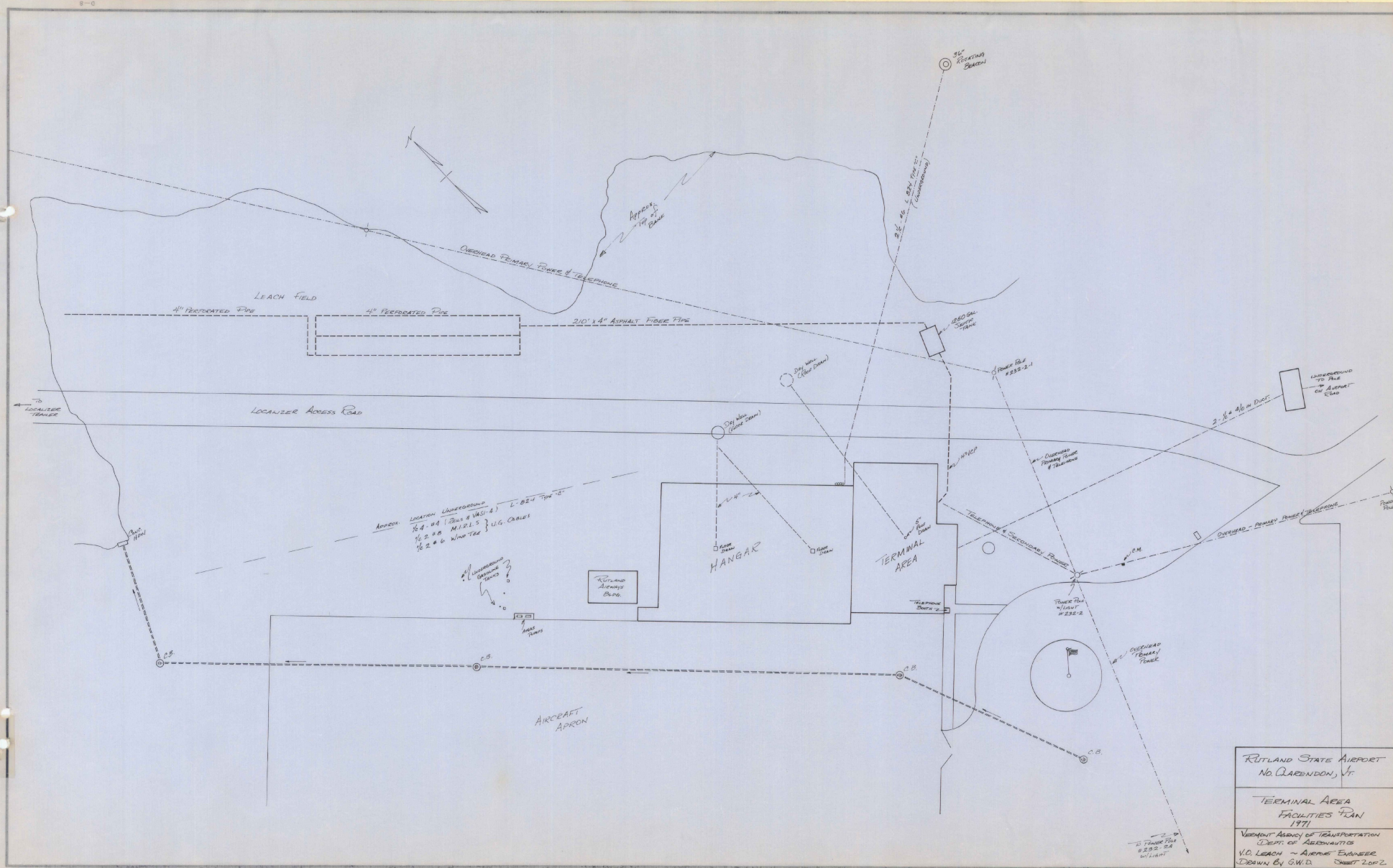


NOTE:
THIS PLAN FOR LOCATION AND INVENTORY
ONLY AND NOT TO BE USED FOR CONSTRUCTION
G.W.D.

RUTLAND STATE
AIRPORT
NO. CAGB0004, Vt.

UTILITY PLAN

Vermont Department of Aeronautics
June 17, 1964
Drawn by G.W.D.



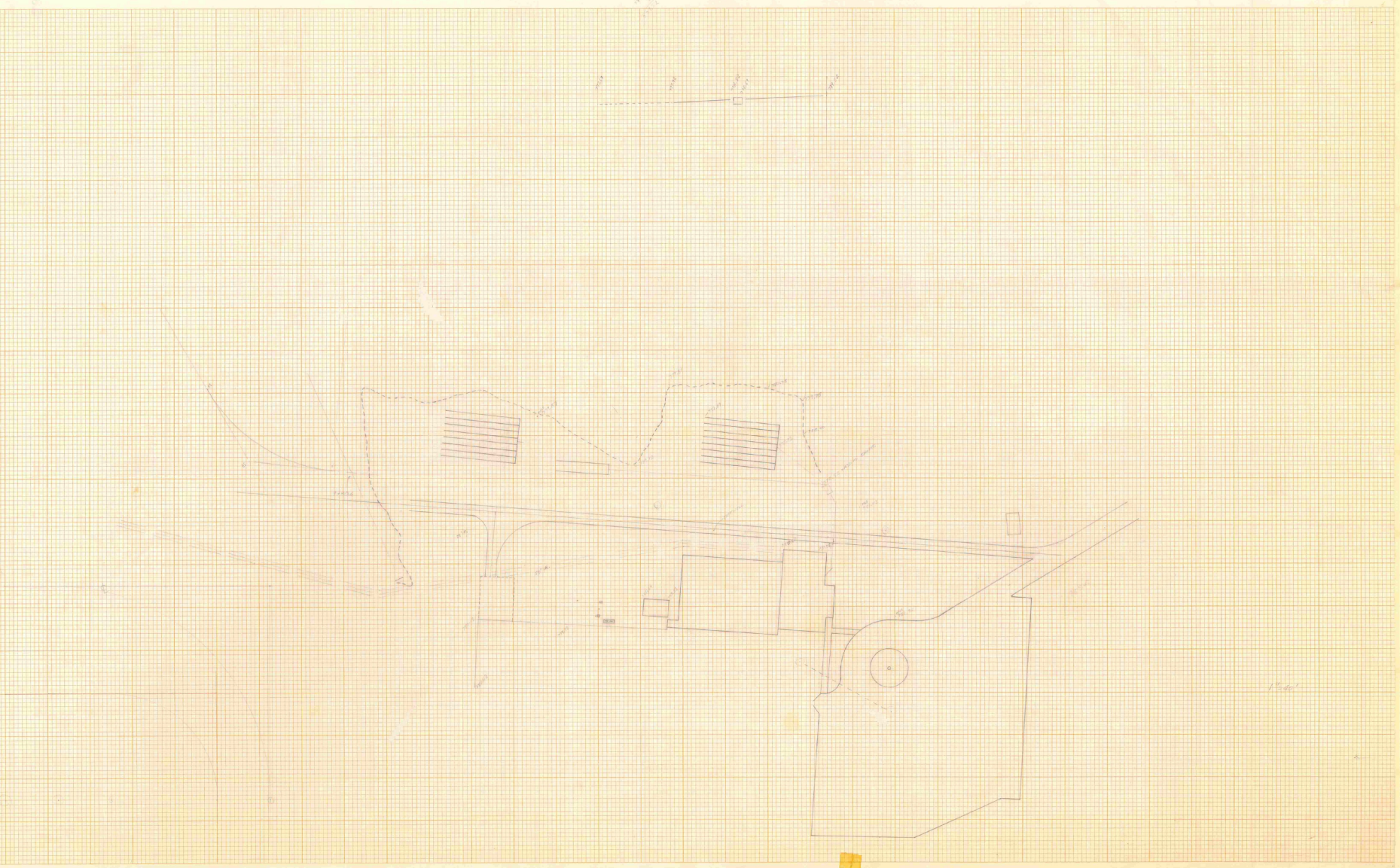
100

100

100

100

100



SCALE 1" = 50'

CURVE NO 2
 $\Delta: 59^{\circ}43'$
 $D: 26^{\circ}34'$
 $R: 2.7.75' \checkmark$
 $T: 125.00'$
 $L: 224.78' \checkmark$
 $PC: 15+92.09$
 $PT: 18+16.87$

NOTE:
NEW ACCOMP TO BE INSTALLED
PRIOR TO ACCESS ROAD CONSTRUCTION
PIPE TO BE BACKFILLED TO APPROX.
SURROUNDING ELEVATION

AIRCRAFT APRON

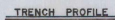
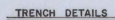
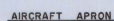
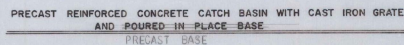
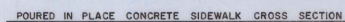
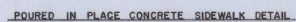
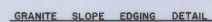
ACCESS ROAD
TYPICAL
1" = 5'0"

PROFILE
1" = 50'

RUTLAND STATE AIRPORT
CLARENDON, VERMONT

ACCESS ROAD TO
LOCALIZER

VERMONT AGENCY OF TRANSP.	
DEPARTMENT OF AERONAUTICS	
V.O. LEACH	AIRPORT ENGR.
SHEET	SCALE
1/2	1"=50'



- NOTES:
1. AREA-"A"= EXISTING AUTO PARKING LOT TO BE REGRADED USING EXISTING BASE MATERIAL IN ACCORDANCE WITH PLANS AND SPECS OF THIS PROJECT.
 2. AREA-"B"= NEW AUTO PARKING LOT CONSTRUCTION OF EXISTING TURF AREA IN ACCORDANCE WITH PLANS AND SPECS OF THIS PROJECT.
 3. AREA-"C"= WASTE AREA FOR EXCESS MATERIAL FROM AREA-"B".
 4. PARKING LOT MARKING BY OTHERS.

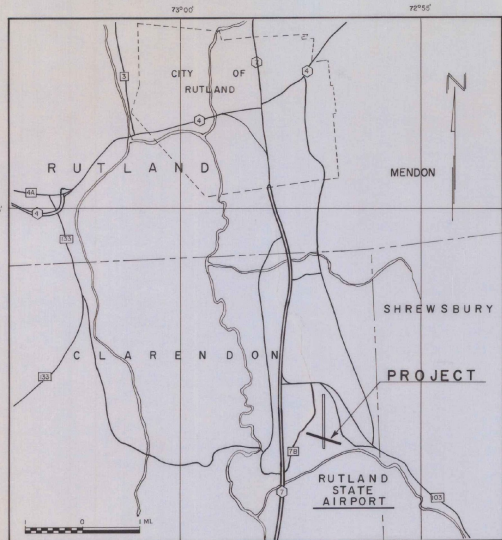
SCALE
1" = 20'

PROJ.	NO.
SHEET 1	OF

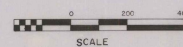
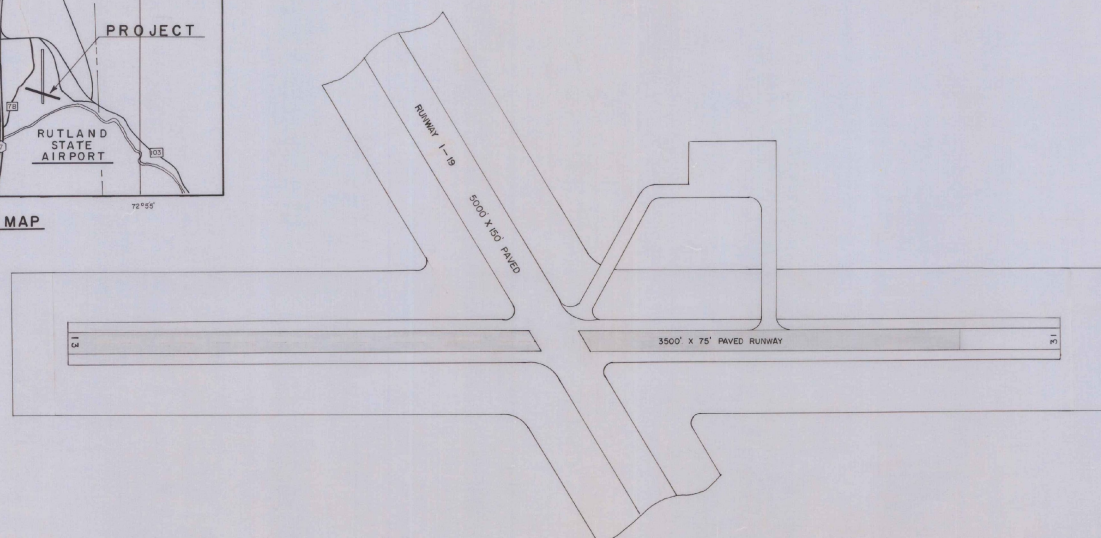
NOTE: USEABLE CUT FROM EXISTING PARKING LOT #8
BE USED AS BASE IN AREA "8".

BY Paul W. D'Amico PROJECT ENGINEER
DATE April 17, 1974

VERMONT AERONAUTICS BOARD
MONTPELIER, VERMONT



ITEM NO.	ITEM OF WORK	UNIT	EST QUANTITY
1	EMULSIFIED ASPHALT FOR TACK COAT (UNDILUTED)	GAL.	465
2	EMULSIFIED ASPHALT FOR SLURRY COAT (UNDILUTED)	GAL.	6,104
3	MINERAL AGGREGATE	TON	156



AREA TO BE SLURRY SEALED.

RUTLAND STATE AIRPORT RUTLAND, VERMONT	
SLURRY SEAL	
VERMONT AERONAUTICS BOARD MONTPELIER, VT.	
AIRPORT ENGR. <i>PAUL O. LEWIS JR.</i>	
DATE <i>30 MAY 1975</i>	
SCALE 1" = 200'	MLY

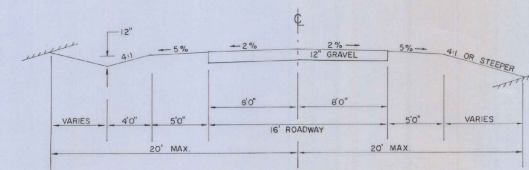
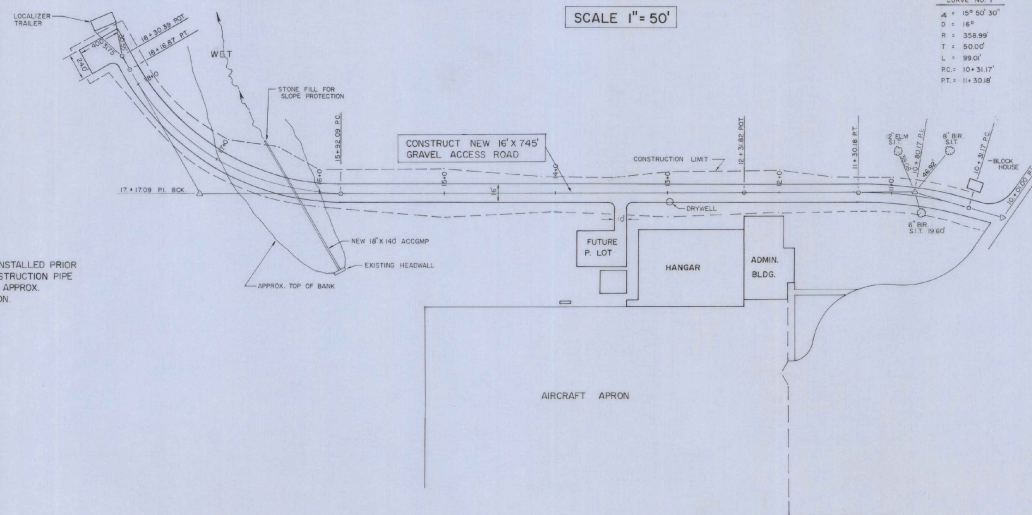
THIS PLAN FOR ACCESS ROAD DESIGN ONLY

SCALE 1" = 50'

CURVE NO. 2
A = 59° 43'
D = 267.34'
R = 217.15'
T = 185.00'
L = 224.76'
PC = 15+92.09
PT = 18+16.85

CURVE NO. 1
A = 18° 50' 30"
D = 165'
R = 358.99'
T = 50.00'
L = 99.00'
PC = 10+31.17'
PT = 11+30.18'

NOTE
NEW ACCOMP TO BE INSTALLED PRIOR
TO ACCESS ROAD CONSTRUCTION PIPE
TO BE BACKFILLED TO APPROX.
SURROUNDING ELEVATION.

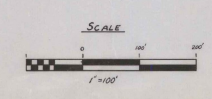
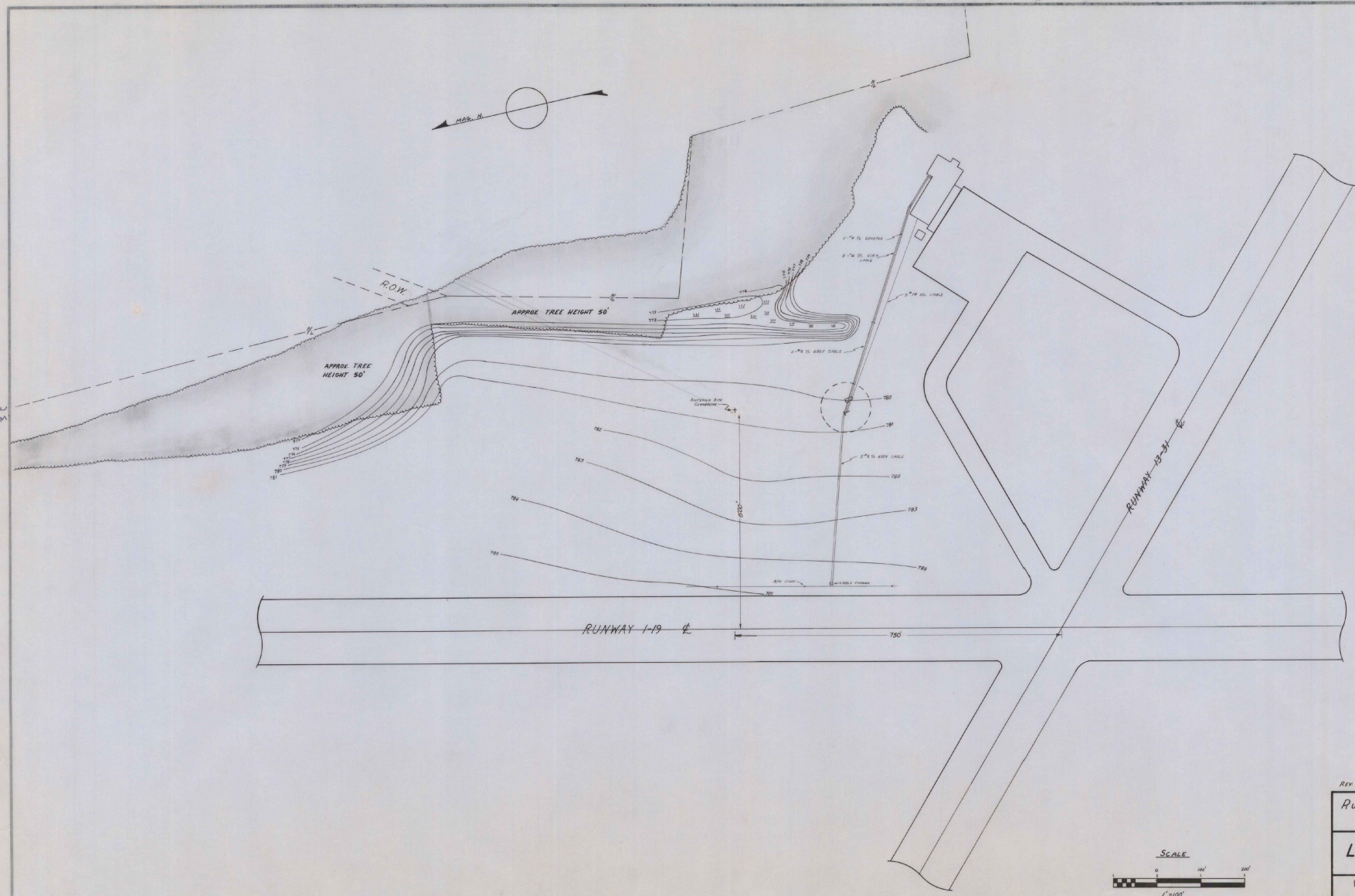
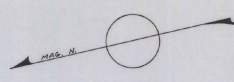


ACCESS ROAD
TYPICAL
1" = 50'

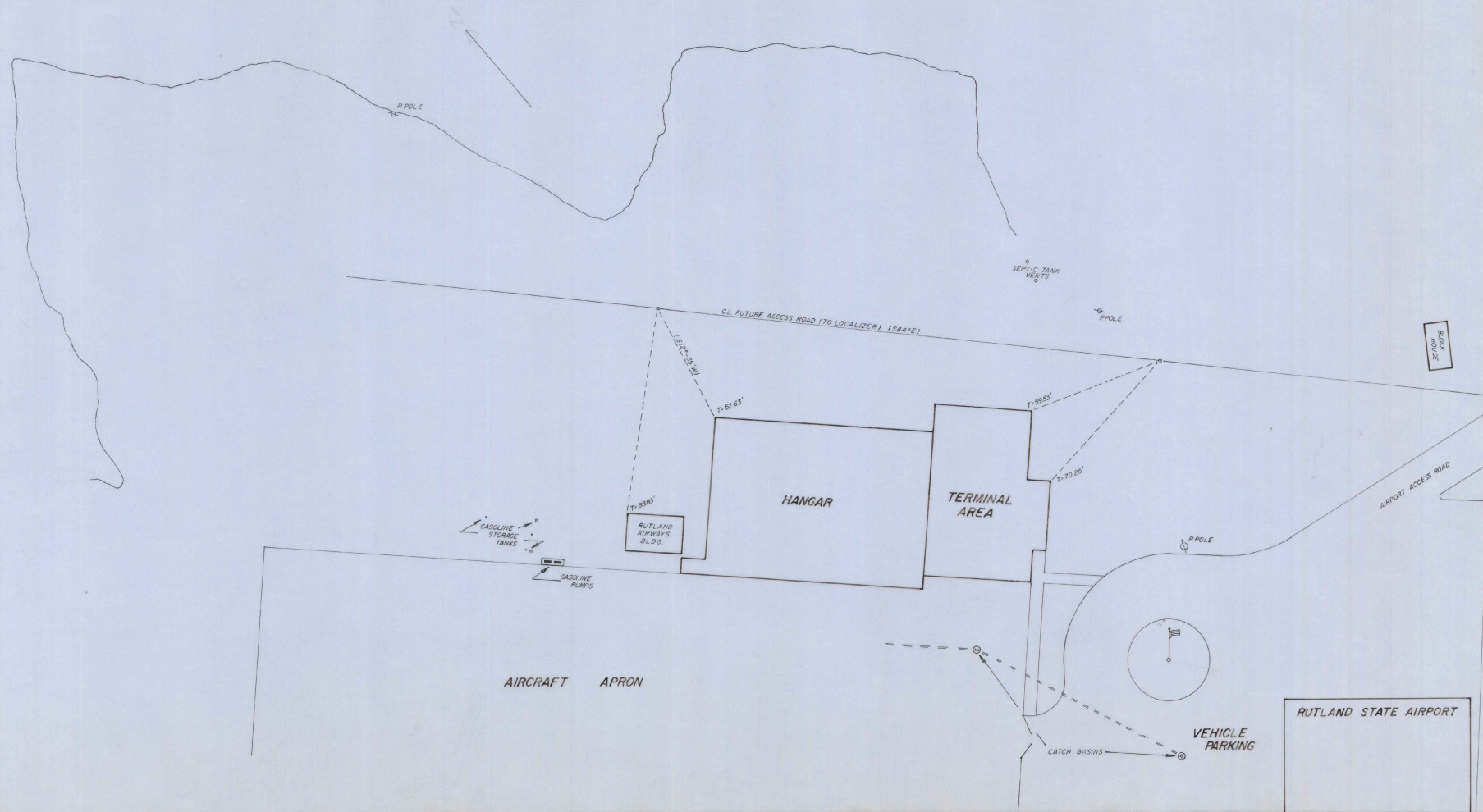
19+00 18+00 17+00 16+00 15+00 14+00 13+00 12+00 11+00 10+00

PROFILE
1" = 50'

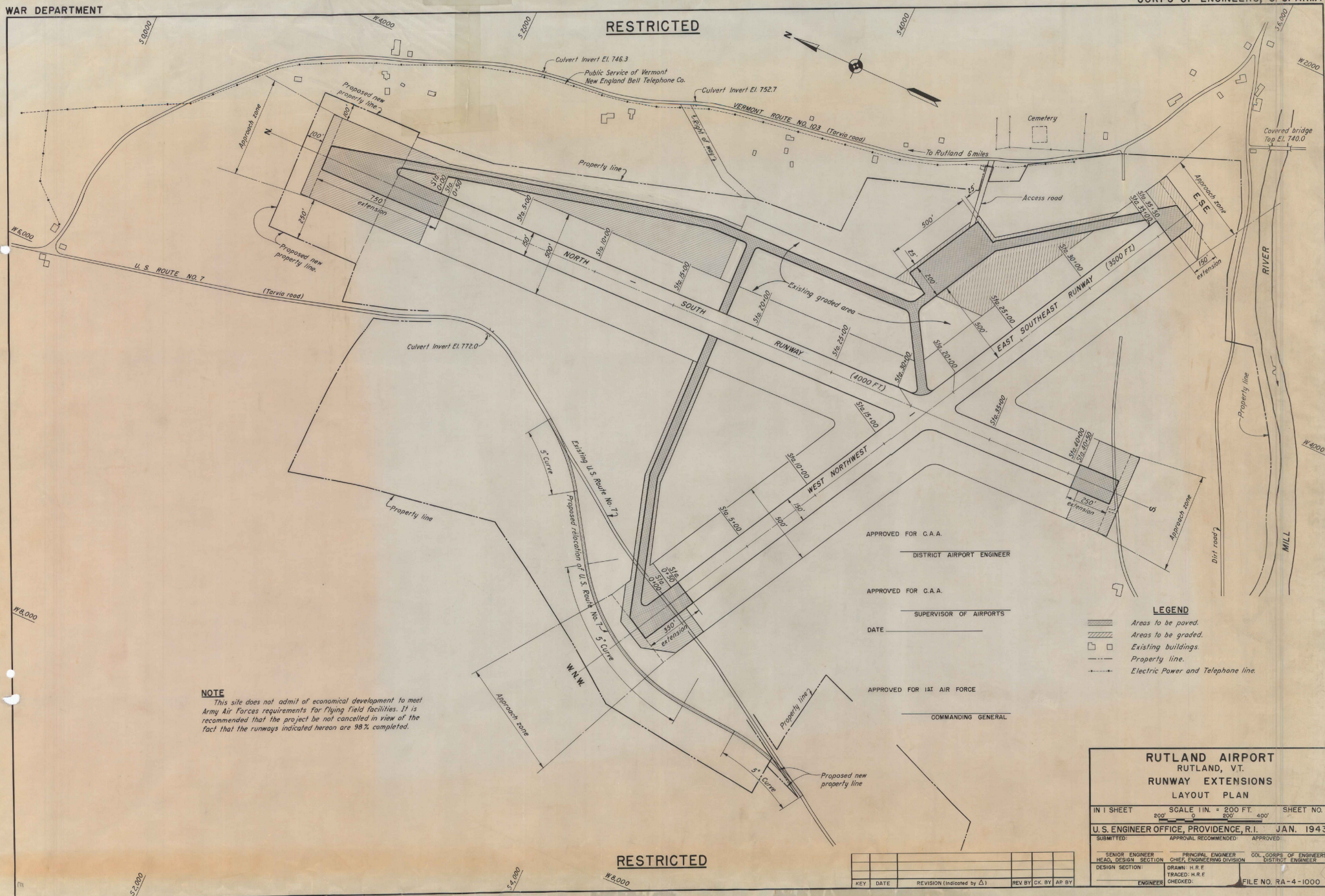
Keep clear
150' pattern



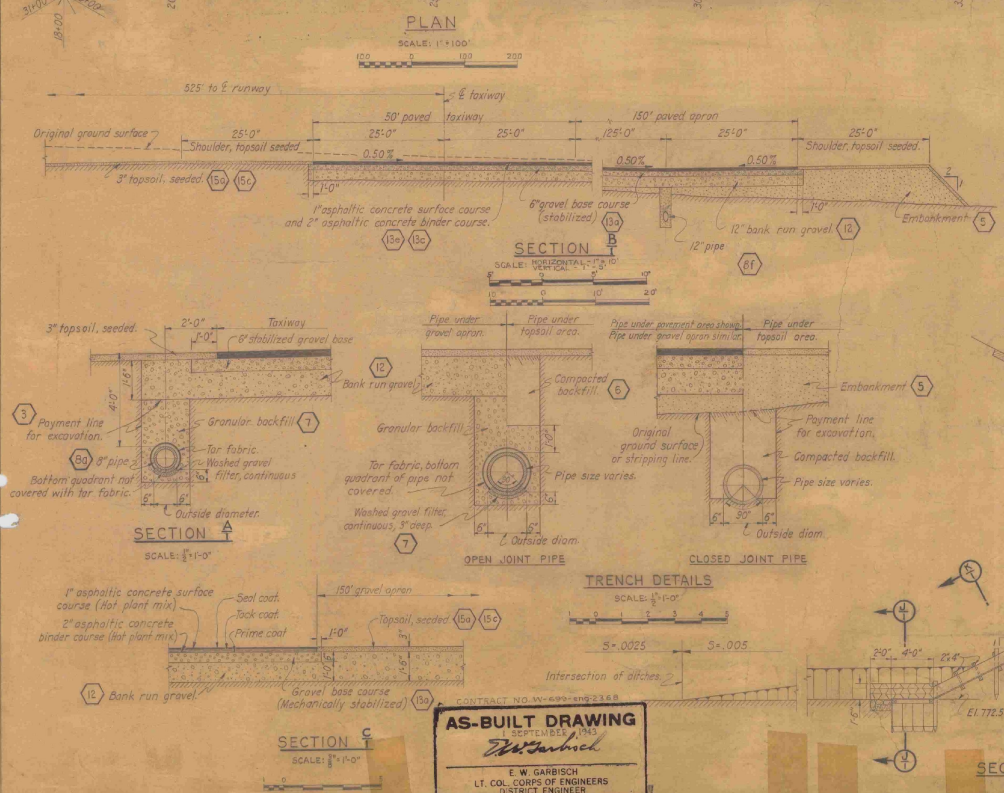
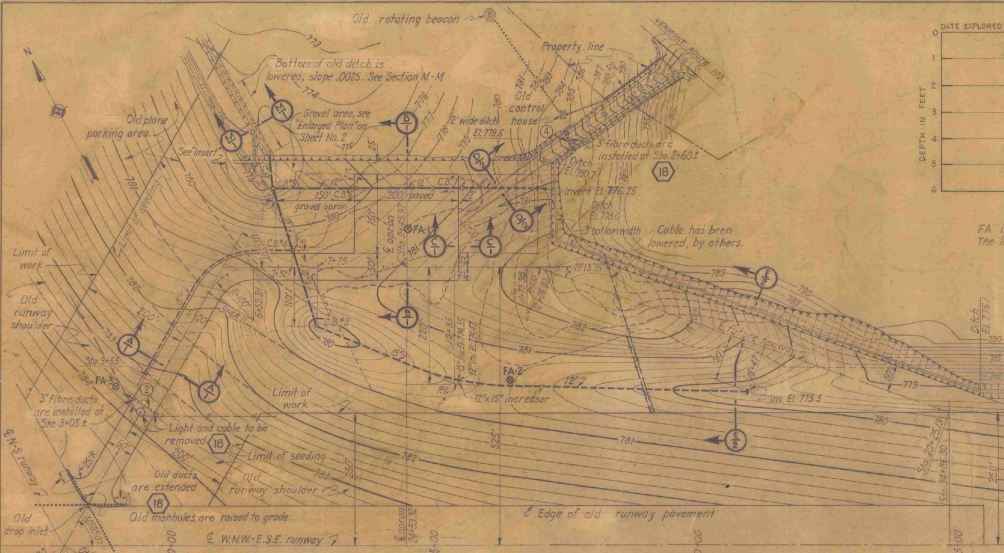
REV. JAN. 26, 1973
RUTLAND STATE AIRPORT CLARENDON, VERMONT
LOCALIZER PLAN
VERMONT AERONAUTICS BOARD MONTPELIER, VERMONT



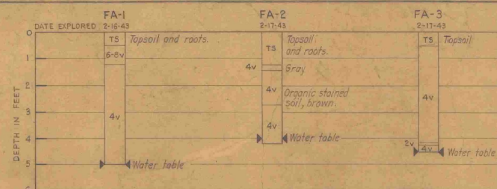
RESTRICTED



RESTRICTED



AS-BUILT DRAWING
1 SEPTEMBER 1943
E. W. GARRISH
LT. COL. CORPS OF ENGINEERS
DISTRICT ENGINEER

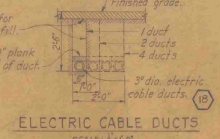
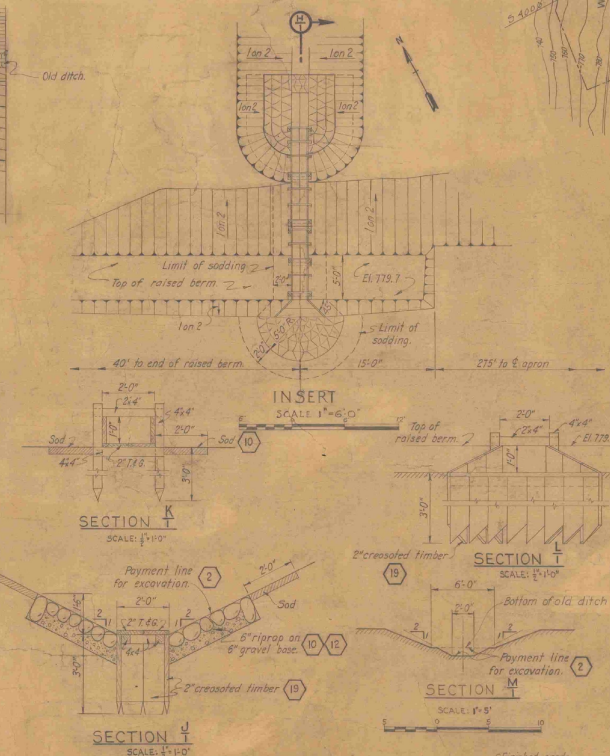


LOG OF BORE HOLES

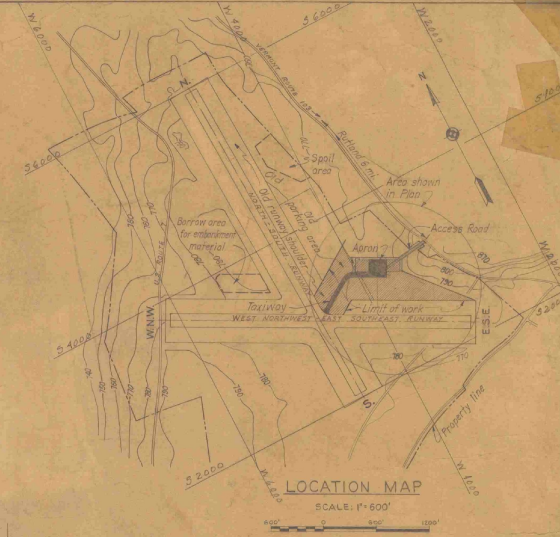
FA indicates foundation auger boring, located as indicated by number on Plan. The letter 'v' indicates visual classification.

DESCRIPTION OF SOIL CLASSES

- 1 Course to medium sand-Contains little gravel and fine sand
- 2 Medium to fine sand-Contains little coarse sand and coarse silt
- 3 Fine sand to coarse silt-Contains little medium sand and medium silt
- 4 Course to medium silt-Contains little fine sand and fine silt



INDEX TO DRAWINGS			
SHEET NO.	TITLE	FILE NO.	AS-BUILT
1	LOCATION PLAN, DETAILS AND INDEX	RA-41036	REVISED
2	PROFILES AND DETAILS	RA-41037	
3	STANDARD SHEET		REWORKED
4	STANDARD STRUCTURES		
5	REVISIONS	J.R.W. & Co.	
6	REVISION (indicated by Δ)		
7	REVISION		
8	REVISION		
9	REVISION		
10	REVISION		



LEGEND

- Area to be graded.
- Area to be paved.
- Gravel apron.
- Old electrical cable.
- Cable ducts.
- Open joint pipe.
- Closed joint pipe.
- Pipe capped at end.
- Approximate location of auger boring.
- Granular filled trench (no pipe).

NOTES

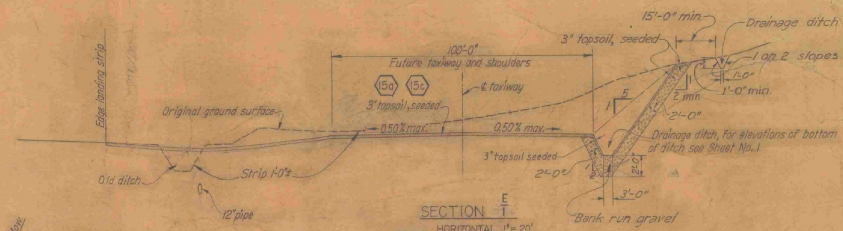
- 1 Elevations refer to Mean Sea Level Datum.
- 2 Figures in hexagons indicate item numbers under which payment was made.
- 3 Contour interval is 0.2 ft., 1.0 ft., and 10 ft. as indicated.
- 4 Cops for pipe are of iron-appearing type.
- 5 For catch basin inverts and grading elevations, see Sheet No. 3.
- 6 Dials are now 5' beyond edge of pavement, cap and mark with 12"x12"x4" flush concrete. Markers in small circles indicate number of ducts installed.

- 1 P-208 Stabilized gravel base course-Item No. 13a.
 - 2 P-202 Bituminous prime coat-Item No. 13b.
 - 3 P-201-401 Bituminous base and surface course-Items No. 13c & 13d.
 - 4 P-203 Bituminous tack coat-Item 13d.
 - 5 P-204 Bituminous seal coat-Items No. 13f & 13g.
- Note: The numbers P-208, P-202 etc. refer to C.A.A. specifications.

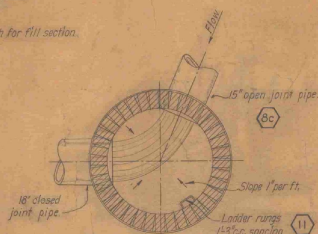
ASPHALTIC CONCRETE PAVEMENT DETAILS

See sheet No. 2

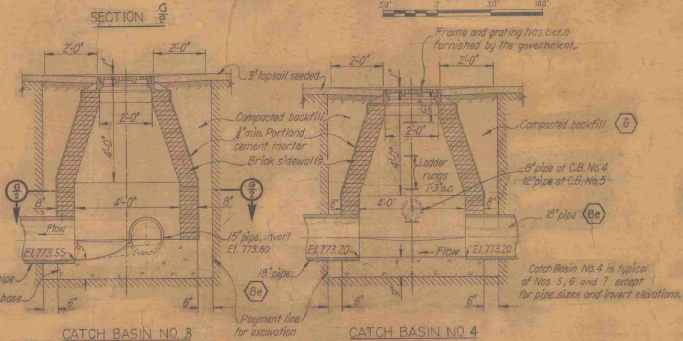
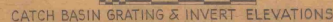
RUTLAND AIRPORT			
CLARENDON, VERMONT			
APRON, TAXIWAY & ACCESS ROAD			
LOCATION PLAN, DETAILS & INDEX			
IN 2 SHEETS	SCALE: 1"=100 FT.	SHEET NO. 1	
U.S. ENGINEER OFFICE, PROVIDENCE, R.I.	MAY, 1943		
SUBMITTED: 10/1/42	APPROVED: 10/1/42		
DESIGNED BY: J.R.W. & Co.	CHECKED BY: J.R.W. & Co.		
DRAWN BY: J.R.W. & Co.	ENGINEER: J.R.W. & Co.		
FILE NO. RA-41036			



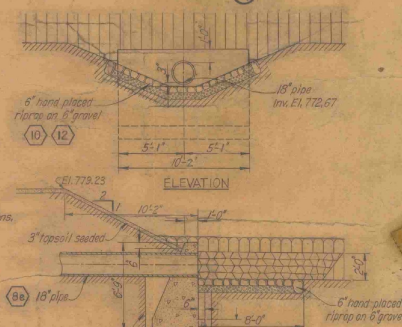
SECTION $\frac{E}{I}$
SCALE HORIZONTAL 1" = 20'



ENLARGED PLAN

CATCH BASIN DETAILS  

AS-BUILT DRAWING



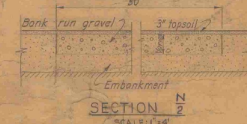
NOTES

Concrete headwall has been paid for under Item No. 16

All exposed edges of concrete were chamfered as directed by the contracting officer.

Arrows indicate direction of flow.

For general notes applying to details on this sheet see Sheet No. 1.



SECTION

SECTION

IN 2 SHEETS SCALE $\frac{1}{4}'' = 1'-0''$ SHEET NO. 2

U.S. ENGINEER OFFICE PROVIDENCE R.I. MAY 1942

RESTRICTED

APPROVED FOR C.A.A.
E. Fletcher Ingals
DISTRICT AIRPORT ENGINEER

APPROVED FOR C.A.A.
Hewey F. Linn
SUPERVISOR OF AIRPORTS

DATE 2/12/43

APPROVE

Commanding General, 1st Air Force

NOTE
The site does not admit of economical development to meet minimum Army Air Forces requirements for flying field facilities. It is recommended that the project be not cancelled in view of the fact that the runways indicated hereon are 98% completed.

RUTLAND AIRPORT
RUTLAND, VERMONT
APRON, TAXIWAY AND ACCESS ROAD
LAYOUT PLAN

IN 1 SHEET SCALE: 1 IN. = 200 FT. SHEET NO. 1

U.S. ENGINEER OFFICE, PROVIDENCE, R.I., FEB. 1943

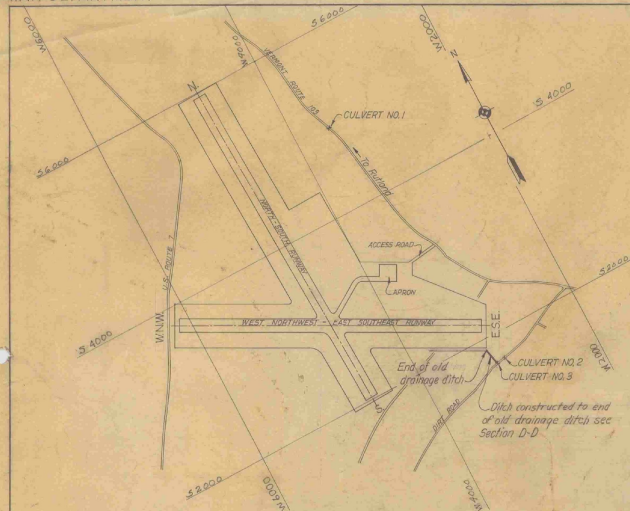
SUBMITTED APPROVAL RECOMMENDED APPROVED

W. J. Smith *W. J. Smith* *W. J. Smith*
DISTRICT ENGINEER CHIEF, ENGINEERING DIVISION COL. COL. OF ENGINEERS
HEAD, DESIGN SECTION DISTRICT ENGINEER

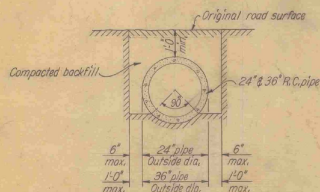
DESIGN SECTION DESIGN BY D.C.

W. J. Smith *W. J. Smith*
ENGINEER CHECKED BY *W. J. Smith* FILE NO. RA-4-1001

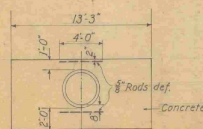
RESTRICTED



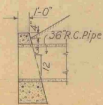
LOCATION MAP
SCALE 1"=600'



TYPICAL PIPE TRENCH
SCALE 1/2"=1'-0"



ELEVATION
SCALE 1"=5'

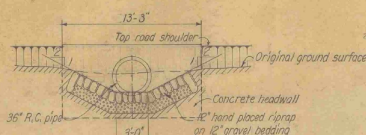


SECTION
SCALE 1"=5'

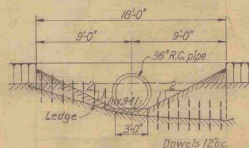
STRAIGHT HEADWALL FOR CULVERT NO. 1

NOTE

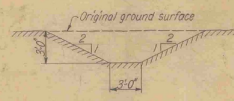
Headwall was constructed in accordance with Vermont State Highway plans & specifications.



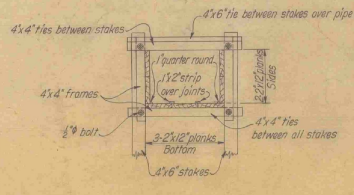
SECTION A
SCALE 1"=5'



SECTION B
SCALE 1"=5'

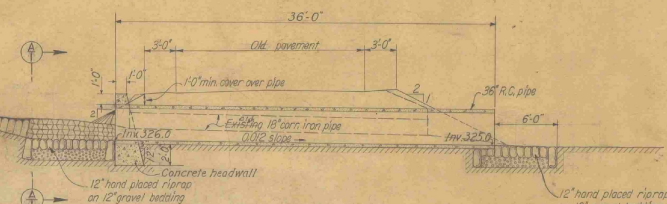


SECTION D
SCALE 1"=5'



TIMBER GUTTER DETAIL
SCALE 1/2"=1'-0"

CULVERT NO. 1

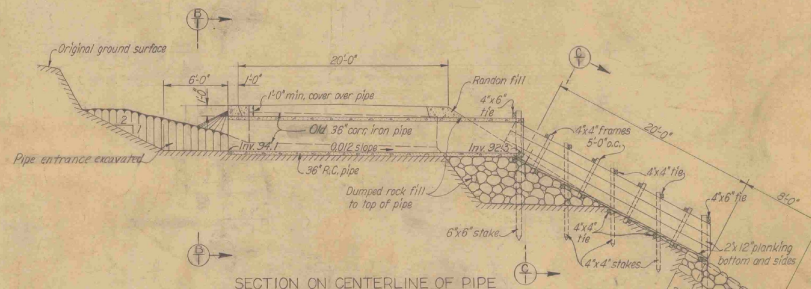


SECTION ON CENTERLINE OF PIPE
SCALE 1"=5'

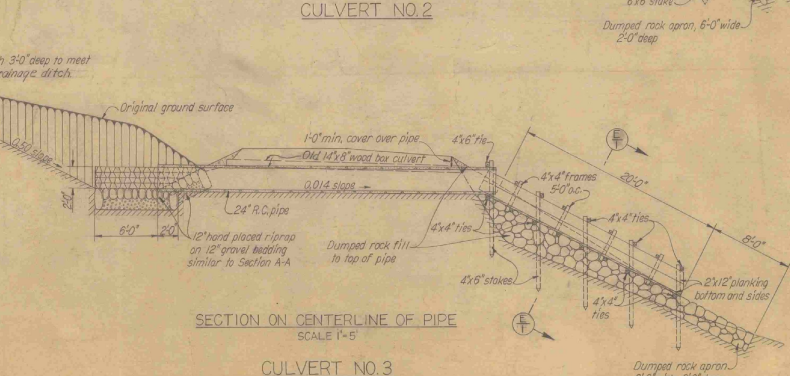
NOTE

Elevations are referred to Vermont State Highway system levels.

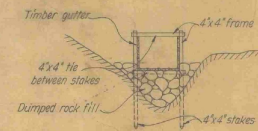
CULVERT NO. 2



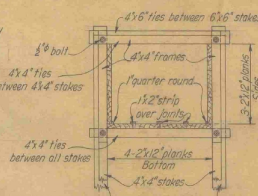
CULVERT NO. 3



CULVERT NO. 3



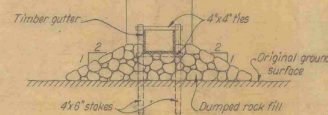
SECTION C
SCALE 1"=5'



SECTION E
SCALE 1"=5'

TIMBER GUTTER DETAIL

SCALE 1/2"=1'-0"



SECTION F
SCALE 1"=5'

NOTES

All lumber was given two applications of creosote for protection.
All frames and stake ties to timber gutters were secured with one half inch bolts with washers.
Stakes were spaced 5'-0" o.c. on slope and driven a minimum depth of 3 feet in solid ground.

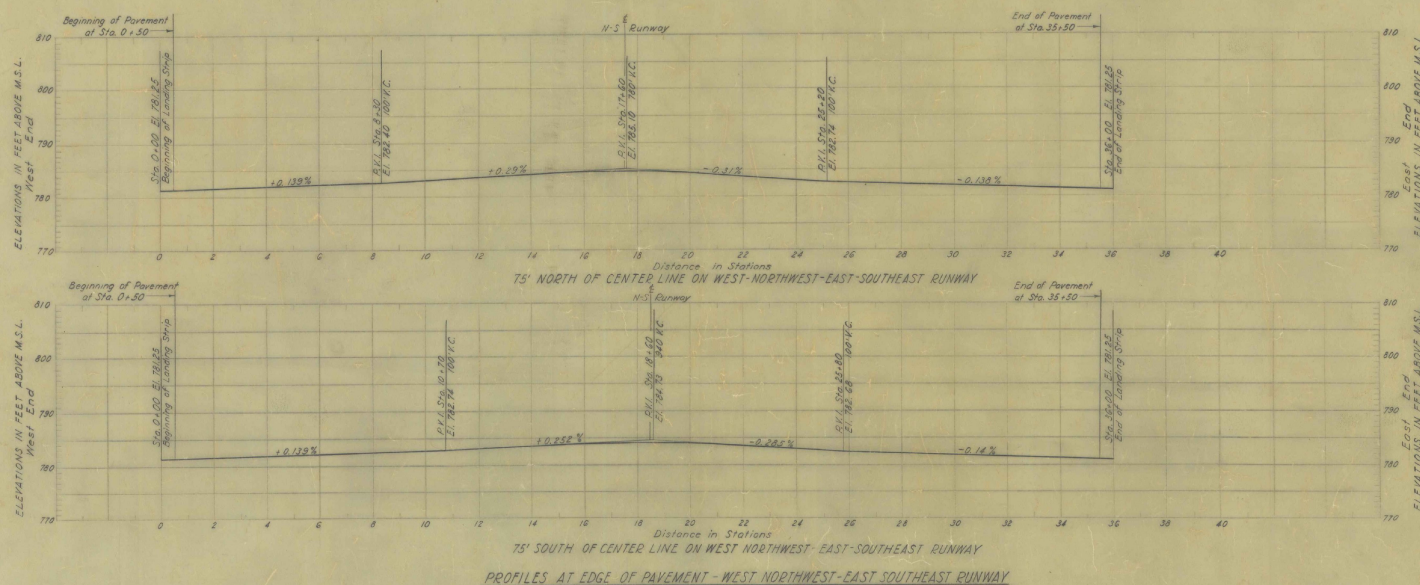
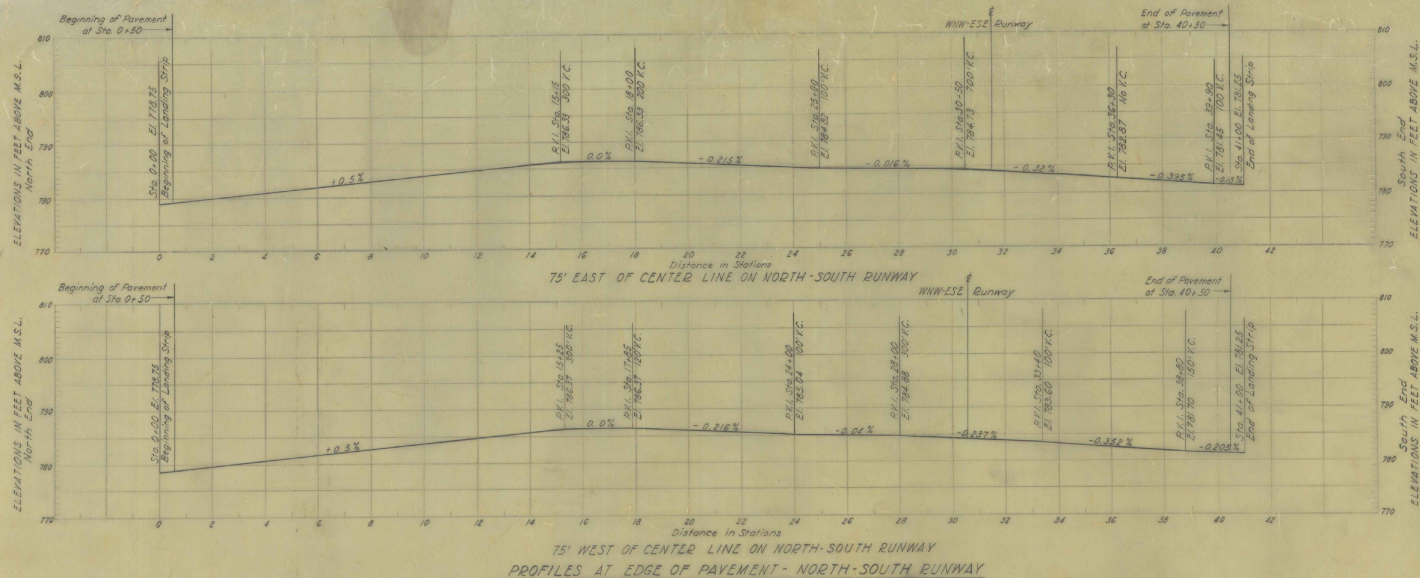
AS-BUILT DRAWING

E. W. GARBISCH
LT. COL. CORPS OF ENGINEERS
DISTRICT ENGINEER

P.O. 67331 & P.O. 67171

RUTLAND AIRPORT RUTLAND, VERMONT DRAINAGE STRUCTURES SECTIONS AND DETAILS

IN 1. SHEET	SCALE 1"=5'	SHEET NO. 1
U.S. ENGINEER OFFICE, PROVIDENCE, R.I.	SEPT. 1943	
SUBMITTED	APPROVED	
ENGINEER	SENIOR ENGINEER	
HEAD, CIVIL ENGINEERING DIV.	SENIOR ENGINEER	
DESIGN SECTION	DRAWN	
TRACED	CHECKED	
FILE NO. RA-4-029		



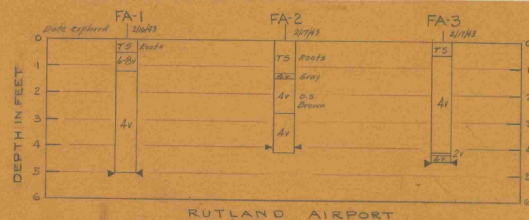
Scale: Horiz. 1"=200'
Vert. 1"=10'

NOTES:
Elevations are in feet and refer to the plane of Mean Sea Level at Sandy Hook, N.J.
Profiles indicate top of finished pavement.
For other profiles, sections, and details, see contract drawings.

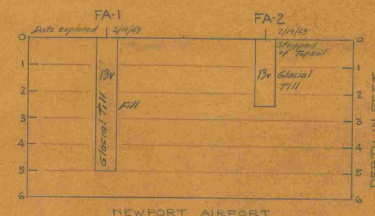
C.A.A. CONSTRUCTION PROGRAM	
RUTLAND AIRPORT	
SUPPLEMENTARY PROFILES AT EDGES OF PAVEMENT	
RUTLAND	VERMONT
IN 1 SHEET	SHEET NO. 1
SCALE AS SHOWN	
U.S. ENGINEER OFFICE, NEW YORK DISTRICT, NEW YORK, JULY 23 1942	
Submitted:	Recommended:
Senior Engineer	Major, Corps of Engineers
Approved:	Col., Corps of Engineers

PROV. FILE NO. 1013

FILE NO. A-502



For location of explorations and source of embankment borrow on site see Soil Laboratory Report No. 1, Plate No. 1, Rutland Airport.
Gravel borrow not available on site



For location of explorations and source of embankment borrow on site see Soil Laboratory Report No. 1, Plate No. 1, Newport Airport.
Gravel borrow not available on site

NOTES

- TS Topsoil
- 6-8. Organic shamed soil
- 4v Numerical Class (Providence District Soil Classification)
 Letter V indicates visual classification
- Water Table at time of exploration
- FA Indicates foundation auger boring

Description of soil classes and share notes to be shown on contract drawing.

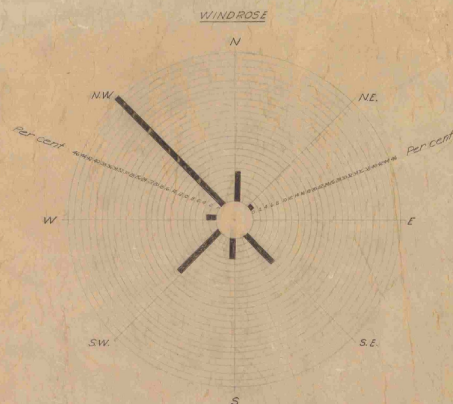
DESCRIPTION OF SOIL CLASSES

- | | |
|--|---|
| 1 Graded from Gravel to Coarse Sand - Contains little medium sand | 9 Graded from Gravel to Medium Silt - Contains little fine silt |
| 2 Coarse to Medium Sand - Contains little gravel and fine sand | 10 Medium to Fine Silt - Contains little coarse silt and coarse clay. Possesses behavior characteristics of silt. |
| 3 Graded from Gravel to Medium Sand - Contains little fine sand | 10c Medium Silt to Coarse Clay - Contains little coarse silt and medium clay. Possesses behavior characteristics of clay. |
| 4 Medium to Fine Sand - Contains little coarse sand and coarse silt | 11 Graded from Gravel or Coarse Sand to Fine Silt - Contains little coarse clay |
| 5 Graded from Gravel to Fine Sand - Contains little coarse silt | 12 Fine Silt to Clay - Contains little medium silt and fine clay (colloids). Possesses behavior characteristics of silt. |
| 6 Fine Sand to Coarse Silt - Contains little medium sand and medium silt | 12c Clay - Contains little silt. Possesses behavior characteristics of clay. |
| 7 Graded from Gravel to Coarse Silt - Contains little medium silt | 13 Graded from Coarse Sand to Clay - Contains little fine clay (colloids). Possesses behavior characteristics of silt. |
| 8 Coarse to Medium Silt - Contains little fine sand and fine silt | 13c Clay - Graded from sand to fine clay (colloids). Possesses behavior characteristics of clay |

KEY	DATE	REVISION (indicated by Δ)	REVIEWED BY	APPROVED BY

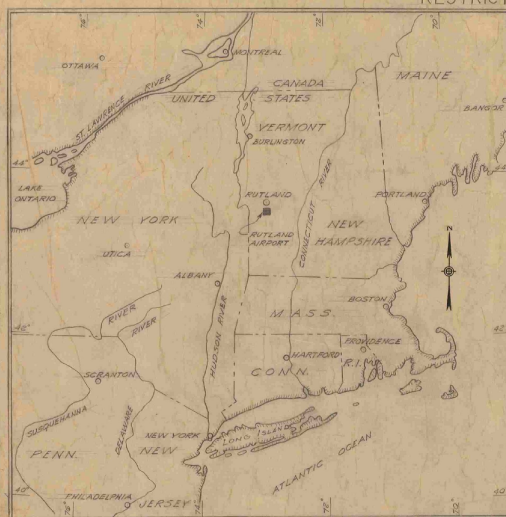
RUTLAND AND NEWPORT AIRPORTS SOIL EXPLORATIONS			
RUTLAND, VT.		NEWPORT, VT.	
IN SHEETS		SHEET NO.	
U.S. ENGINEER OFFICE, PROVIDENCE, R.I., FEB. 1943			
SUBMITTED	APPROVAL RECOMMENDED	APPROVED	
ENGINEER HEAD SOILS LABORATORY		CHIEF, ENGINEERING DIV.	
COMPILED BY H. H. W. F.		GO. BOARD OF ENGINEERS DIVISION ENGINEER	
DRAWN: H. H. W. F.		FILE NO. NA-2-1000	
CHECKED:		FILE NO. RA-2-1000	

RESTRICTED



LEGEND:

RUTLAND, VT. (CALMS: 4.4%)
Windrose based on all winds for
period of 1939 - 1941.
Data from U.S. Weather
Station at Rutland.



LOCATION MAP

Scale in miles
0 50 100



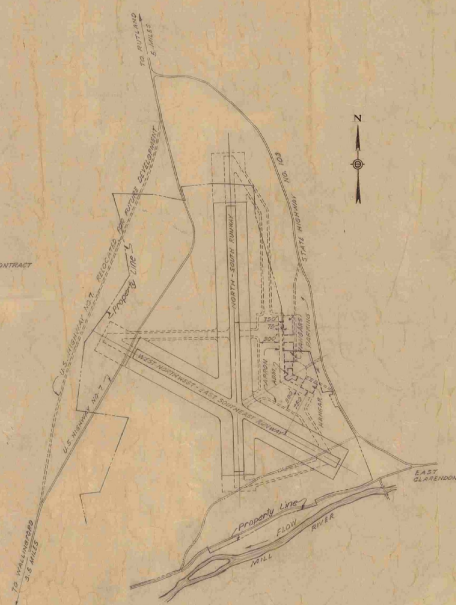
VICINITY MAP SHOWING APPROACH AREAS

Scale: 1" = 2000'

0 2000 4000

LEGEND

DEVELOPMENT UNDER THIS CONTRACT
FUTURE DEVELOPMENT
OLD ROAD READER



GENERAL PLAN

Showing ultimate development

Scale: 1" = 400'

0 400 800

INDEX TO DRAWINGS

PROJ. FILE NO.	SHEET NO.	TITLE	FILE NO.	AS-BUILT
RA-4-1023	1	LOCATION PLAN AND INDEX	A-492	
1024	2	MASTER PLAN	A-493	REVISED
1025	3	BORING RECORDS	A-494	
1026	4	GRADING PLAN	A-495	
1027	5	GRADING PLAN AT INTERSECTION	A-496	REVISED
1028	6	PROFILES OF NORTH-SOUTH LANDING STRIP	A-497	
1029	7	PROFILES OF WEST-NORTHWEST-EAST SOUTHEAST LANDING STRIP	A-498	
1030	8	PAVING PLAN AND DETAILS	A-499	REVISED
1031	9	DRAINAGE PLAN AND DETAILS	A-500	"
1032	10	ELECTRICAL LAYOUT AND DETAILS	A-501	"
1033	11	ROTATING BEACON TOWER	A-502	"

AS-BUILT DRAWING

SEPTEMBER 1943

E. W. GARBISCH
LT. COL. CORPS OF ENGINEERS
DISTRICT ENGINEER

CONTRACT NO. W4087 eng-2515 & 2514

NOTES:

Vicinity map topography taken from
U.S.G.S. Quadrangle and U.S. Engineer Office
survey. All elevations are in feet and refer to
the plane of Mean Sea Level at Sandy Hook, N.J.

C. A. A. CONSTRUCTION PROGRAM
RUTLAND AIRPORT
LOCATION PLAN & INDEX

RUTLAND VERMONT
IN 11 SHEETS SCALE: 1" = 2000 FT. SHEET NO. 1

U.S. ENGINEER OFFICE, NEW YORK DISTRICT, NEW YORK, AUGUST 1942.

Submitted: Recommended: Approved:
J. A. Farnsworth, Captain, Chief of Engineers
Engineer, Principal Engineer
Approved for: CAA, Major F. L. (Signer) To Accompany Specifications
Superior of Airports. Dated: JAN 13, 1942

PROJ. FILE NO. RA-4-1023
FILE NO. A-492

RESTRICTED

AS-BUILT DRAWING

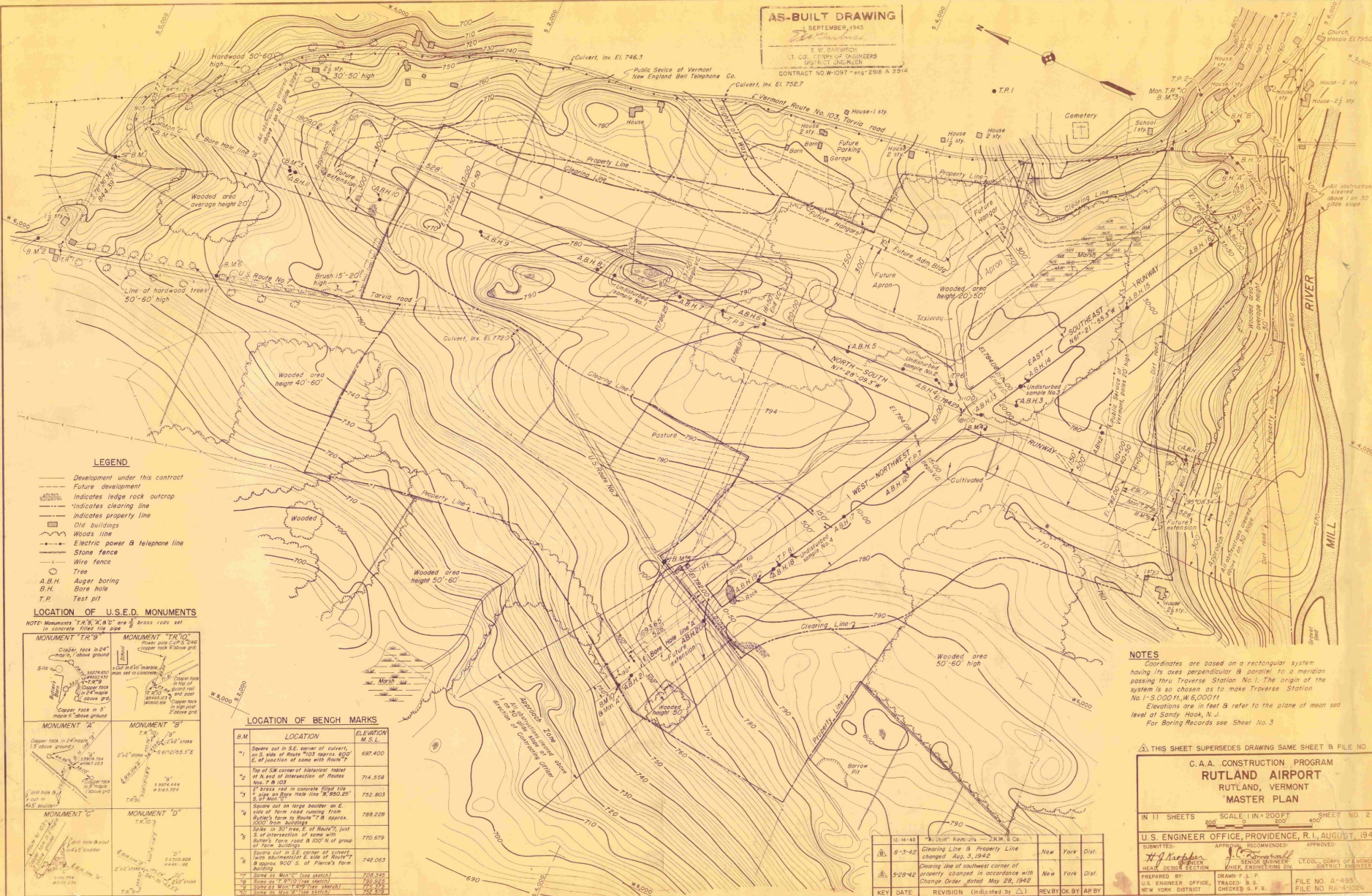
1 SEPTEMBER, 1943

J. W. GARDNER

1. C. S. CORP. OF ENGINEERS

DISTRICT ENGINEER

CONTRACT NO. W-1097-ENG-2918 & 2919

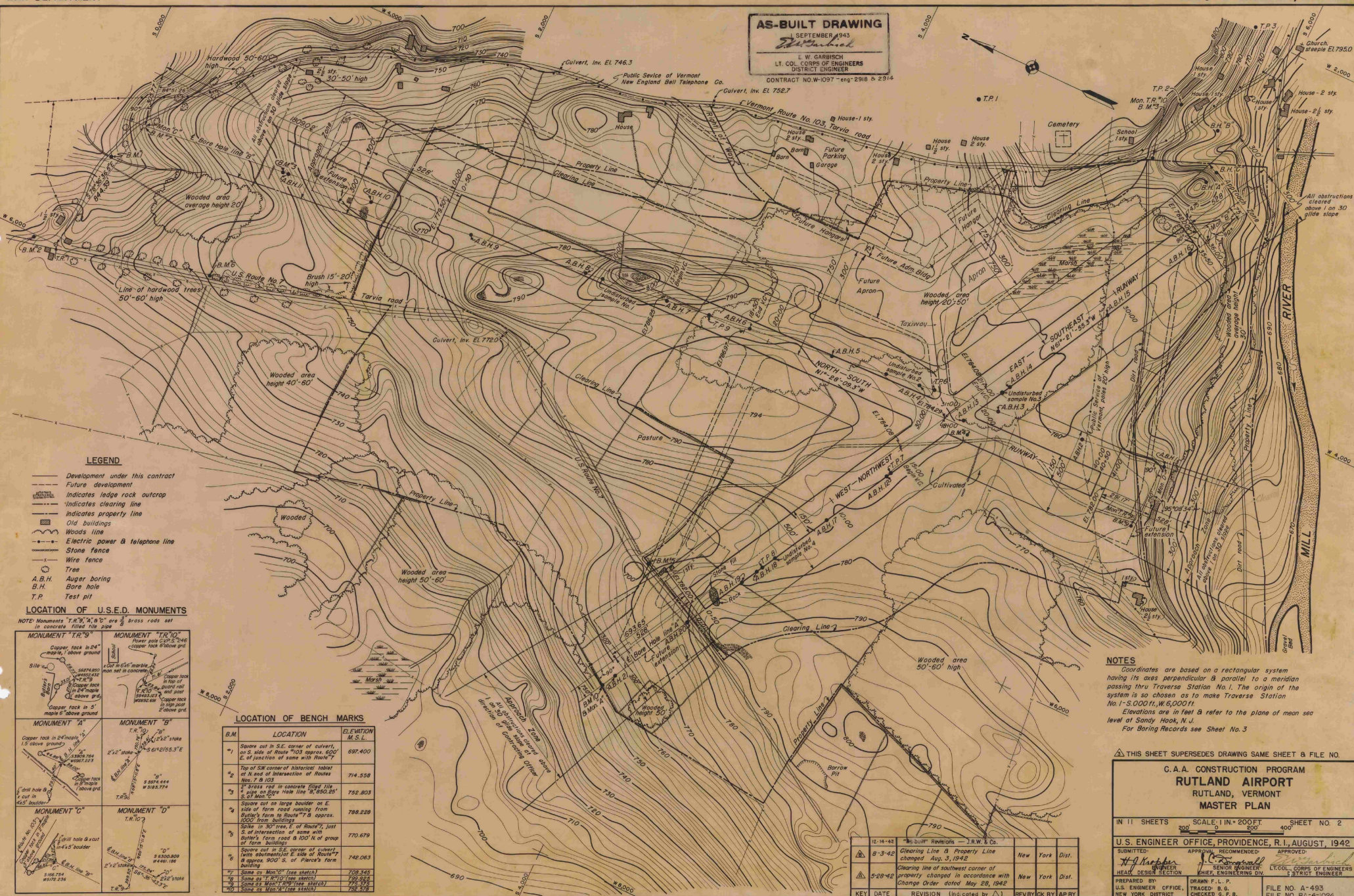


AS-BUILT DRAWING

1 SEPTEMBER 1943

L. W. GARRISCH
LT. COL. CORPS OF ENGINEERS
DISTRICT ENGINEER

CONTRACT NO. W-1097 - eng-2918 & 2914



NOTES

Coordinates are based on a rectangular system having its axes perpendicular & parallel to a meridian passing thru Traverse Station No. 1. The origin of the system is so chosen as to make Traverse Station No. 1 = 5,000 ft. W. 6,000 ft. N.

Elevations are in feet & refer to the plane of mean sea level at Sandy Hook, N.J.

For Boring Records see Sheet No. 3.

THIS SHEET SUPERSEDES DRAWING SAME SHEET & FILE NO.

C.A.A. CONSTRUCTION PROGRAM
RUTLAND AIRPORT
RUTLAND, VERMONT
MASTER PLAN

IN 11 SHEETS SCALE, 1 IN. = 200 FT. SHEET NO. 2

U.S. ENGINEER OFFICE, PROVIDENCE, R.I., AUGUST, 1942

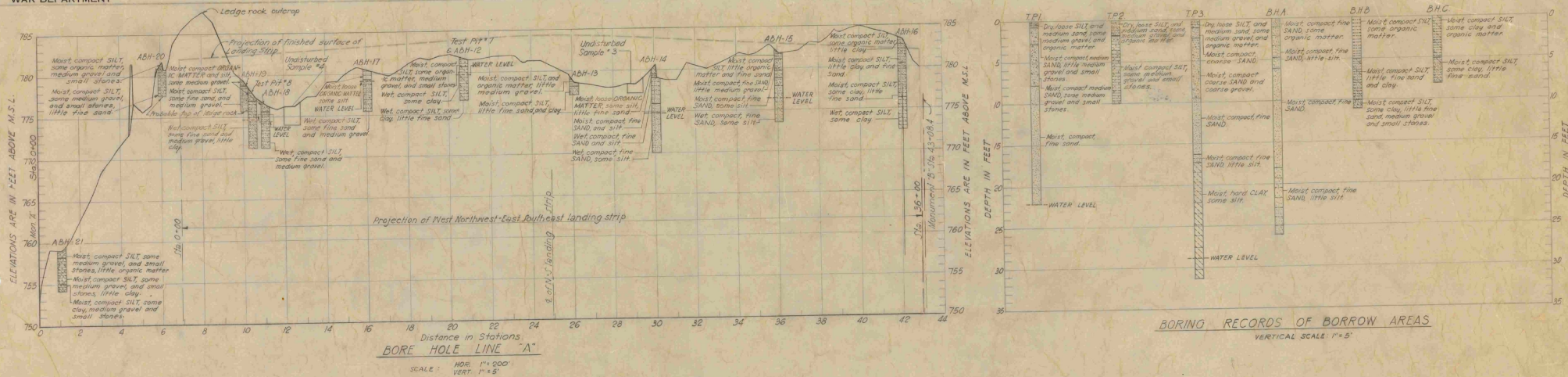
SUBMITTED: APPROVED: RECOMMENDED: APPROVED:

HEAD, DESIGN SECTION: SENIOR ENGINEER: ENGINEER: DISTRICT ENGINEER:

PREPARED BY: U.S. ENGINEER OFFICE, NEW YORK DISTRICT: DRAWN BY: L. P. TRACED BY: B. G. CHECKED BY: G. F. B.

FILE NO. A-493 FILE NO. RA-4-1024

KEY	DATE	REVISION (Indicated by Δ)	REVIEWED BY	APPROVED BY
Δ	8-3-42	Clearing Line & Property Line changed, Aug. 3, 1942		New York Dist.
Δ	5-28-42	Clearing line of southwest corner of property changed in accordance with Change Order dated May 28, 1942		New York Dist.



AS-BUILT DRAWING
 1 SEPTEMBER, 1943
E. W. Garbisch
 E. W. GARBISCH
 LT. COL. CORPS OF ENGINEERS
 DISTRICT ENGINEER
 CONTRACT NO. W-097 eng 2918 & 2919

C. A. A. CONSTRUCTION PROGRAM
RUTLAND AIRPORT
BORING RECORD

RUTLAND VERMONT

IN 11 SHEETS HOR SCALE: 1"=200 FT. SHEET NO. 3
VERT. SCALE: 1"=5 FT.
 U.S. ENGINEER OFFICE, NEW YORK DISTRICT, NEW YORK, AUGUST, 1942.

Submitted: *J. C. Pennington* Recommended: *Charles W. Pennington* Approved: *J. C. Pennington*
 Engineer Principal Engineer To Accompany Specifications
 Approved by: C.A.A. Harvey T. Lutz (signed) District Engineer
 Supervisor of District

PROV FILE NO. RA-4-1025
 FILE NO. A-494

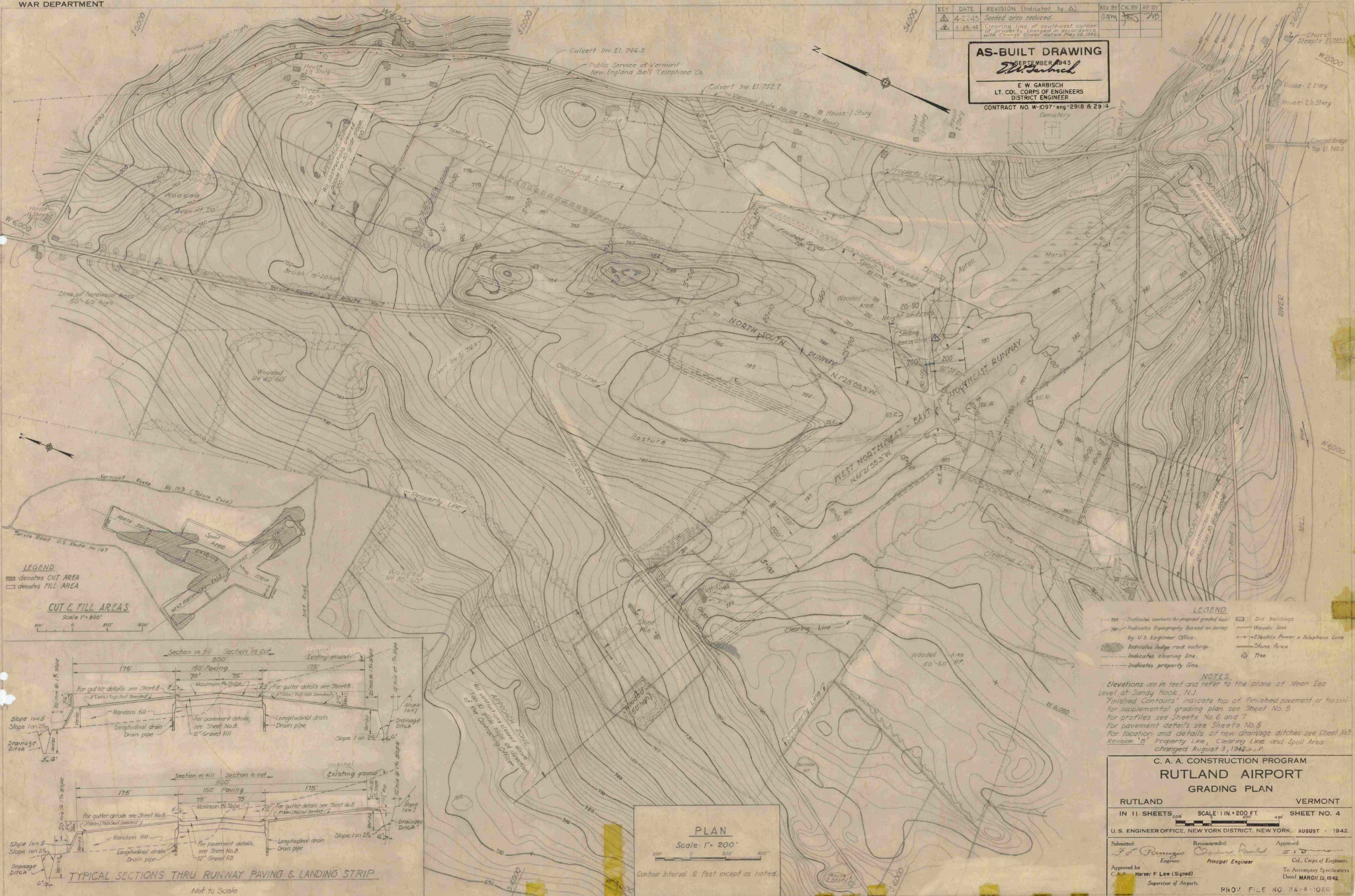
KEY	DATE	REVISION (Indicated by Δ)	REV BY	CHK BY	AP BY
Δ	4-24-45	Seeded area reduced.	JSM	JEN	JDS
Δ	5-28-45	Clearing line of southeast corner of property changed in accordance with County clear water May 28, 1945.			

AS-BUILT DRAWING

SEPTEMBER 1943
E. W. Garbisch

E. W. GARBISCH
LT. COL. CORPS OF ENGINEERS
DISTRICT ENGINEER

CONTRACT NO. W-1097 eng-2918 6 29-4



- LEGEND**
- Indicates contour as presented graded land.
 - Indicates topography based on survey by U.S. Engineer Office.
 - Indicates ledge rock outcrop.
 - Indicates clearing line.
 - Indicates property line.
 - Dist. buildings
 - Woods line
 - Electric Power & Telephone Line
 - Stone fence
 - Tree

NOTES

Elevations are in feet and refer to the plane of Mean Sea Level at Sandy Hook, N.J.

"Finished Contours" indicate top of finished pavement or fill.

For supplemental grading plan see Sheet No. 5.

For profiles see Sheets No. 6 and 7.

For pavement details see Sheet No. 8.

For location and details of new drainage ditches see Sheet No. 9.

Revision 1, Property Line, Clearing Line and Spoil Area changed August 3, 1942, e.m.p.

C. A. A. CONSTRUCTION PROGRAM RUTLAND AIRPORT GRADING PLAN

RUTLAND		VERMONT	
IN 11 SHEETS	SCALE: 1" = 200' FT.	SHEET NO. 4	
U. S. ENGINEER OFFICE, NEW YORK DISTRICT, NEW YORK, AUGUST 1942.			
Submitted	Recommended	Approved	
<i>E. W. Garbisch</i>	<i>Charles A. A.</i>	<i>E. W. Garbisch</i>	
Engr.	Chief Engr.	Lt. Col. of Engrs.	
Approved by	Approved by	To Accompany Specifications	
CAA	Harvey F. Law (Signed)	Dated MARCH 13, 1942.	
Superintendent of Works		PROJ. FILE NO. 7A-4-1026	
		FILE NO. A-495	