

NOTE
No U.S. Geological Survey Map
available for this area.

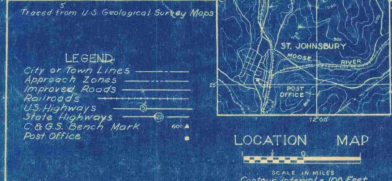
VILLAGE OF ST. JOHNSBURY VERMONT

INDEX TO CONTRACT DRAWINGS

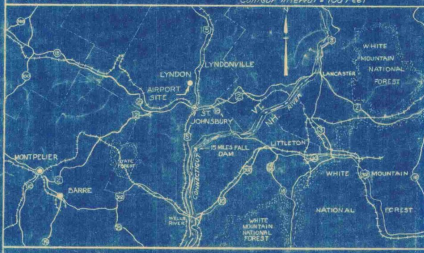
SHEET NO.	TITLE	DATE
1	TITLE SHEET	SEPTEMBER 1948
2	MASTER PLAN	SEPTEMBER 1948
3	LAYOUT PLAN	SEPTEMBER 1948
4	CLEARING PLAN	SEPTEMBER 1948
5	GRADING AND DRAINAGE, GRADING DISTRIBUTION, SEEDING PLANS AND DETAILS	SEPTEMBER 1948
6	S-N LANDING STRIP-PLAN AND PROFILE	SEPTEMBER 1948
7	S-N LANDING STRIP-CROSS SECTIONS STA. 10+00 TO STA. 22+00	SEPTEMBER 1948
8	S-N LANDING STRIP-CROSS SECTIONS STA. 23+00 TO STA. 30+00	SEPTEMBER 1948
9	S-N LANDING STRIP CROSS SECTIONS-SAFETY ZONE STA. 31+00 TO STA. 34+00	SEPTEMBER 1948
10	TYPICAL CROSS SECTIONS, TEST PIT DATA AND DETAILS	SEPTEMBER 1948
11	ACCESS ROAD AND DETAILS	SEPTEMBER 1948
INFORMATION DRAWINGS (NOT PART OF CONTRACT DRAWINGS)		
	PLAN TO ACCOMPANY SPONSOR'S ASSURANCE AGREEMENT	SEPTEMBER 1948
	OBSTRUCTION PLAN	SEPTEMBER 1948

ESTIMATED QUANTITIES OF MAJOR ITEMS

ITEM	QUANTITY
CLEARING, CLEARING AND GRUBBING	13.3 ACRES
COMMON AND BORROW EXCAVATION	35,000 CU. YDS.
SCARIFYING AND RESHAPING ROAD	3910 SQ. YDS.
BITUMINOUS MATERIAL FOR SURFACE] TREATMENT-ROAD	6700 GALS.
TOPSOIL	4100 CU. YDS.
SEEDING	10.4 ACRES
REPAIRS TO EXISTING LANDING] STRIP SURFACE	5000 SQ. YDS.



NOTES
Latitude 44° 29' 48"
Longitude 72° 00' 15"
Benchmark 110-0-15 at center
of runway layout.
Elevation 813 (Highest point
in usable landing area)
Mileage distance and direction
from Town 5.5 Miles N.
Distance by Road to Post Office 6 Miles
Elevations are based on Mean Sea Level
(U.S. Geological Survey)



CONSTRUCTION PLANS

FOR ST. JOHNSBURY AIRPORT

LANDING STRIP AND ACCESS ROAD IMPROVEMENTS SEPTEMBER, 1948

AS-BUILT DRAWING
FAY, SPOFFORD & THORNDIKE
DATE 10-5-48 BY *C. J. Farrell*

CIVIL AERONAUTICS ADMINISTRATION

APPROVED _____ DIRECTOR
DATE _____ AIRPORT ENGINEERING SERVICE

APPROVED _____ SUPERINTENDENT
DATE _____ AIRPORTS BRANCH

APPROVED _____ DISTRICT AIRPORT ENGINEER
DATE _____

VERMONT AERONAUTICS COMMISSION

APPROVED *Walter J. ...* CHAIRMAN
DATE *Sept 25, 1948*

APPROVED *W. F. ...* DIRECTOR
DATE *Sept 23, 1948*

APPROVED _____ ENGINEER
DATE _____

ST. JOHNSBURY

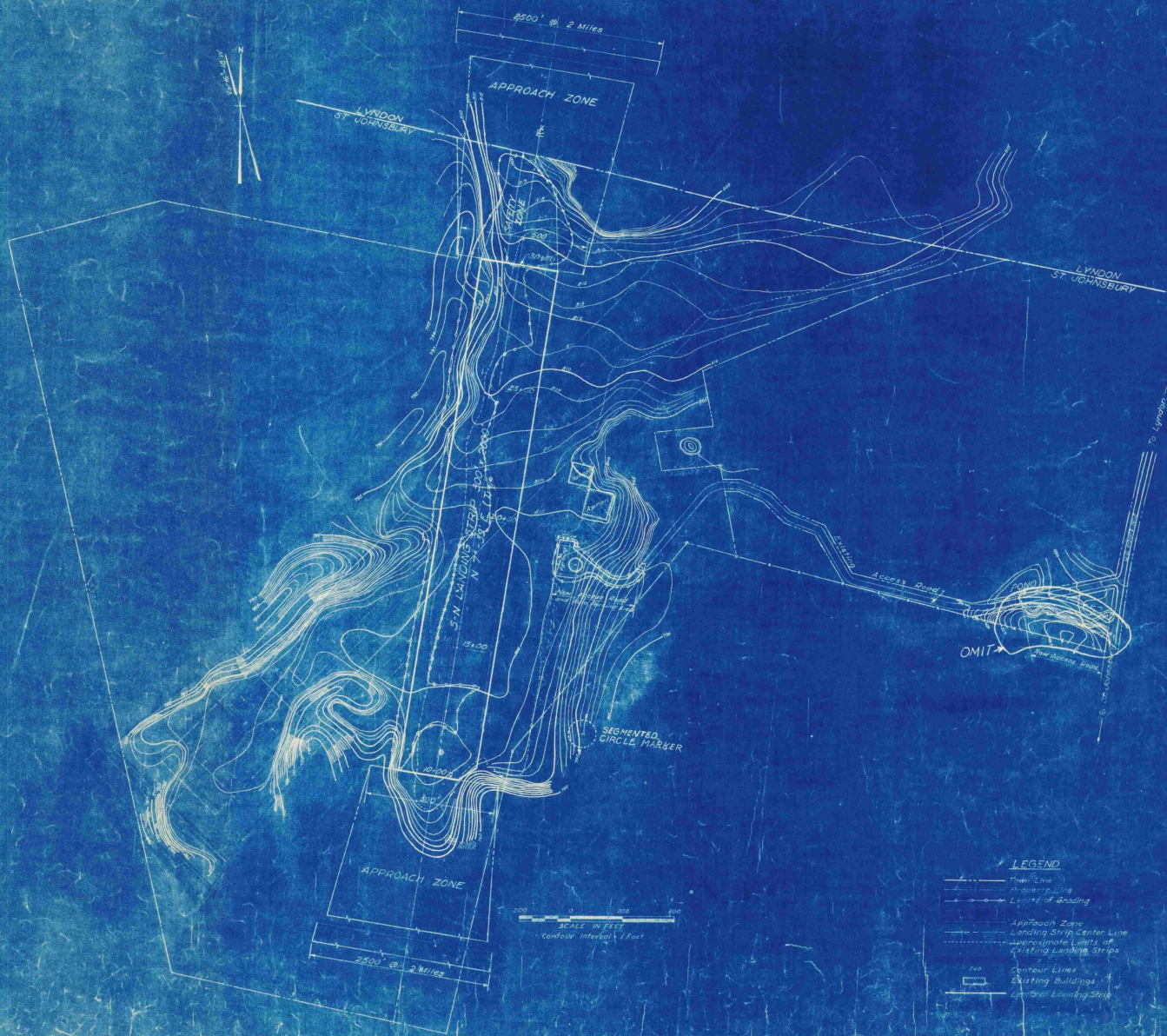
APPROVED *E. Floyd ...* CHAIRMAN
DATE *9/23/48* BOARD OF VILLAGE TRUSTEES

PREPARED BY

FAY, SPOFFORD & THORNDIKE, ENGINEERS
BOSTON - NEW YORK

APPROVED *Frederic O. ...* PARTNER IN CHARGE
DATE *Sept 21, 1948*

APPROVED *Joseph W. ...* AIRPORT ENGINEER
DATE *Sept 21, 1948*



AS-BUILT DRAWING

FAY, SPOFFORD & THORNDIKE

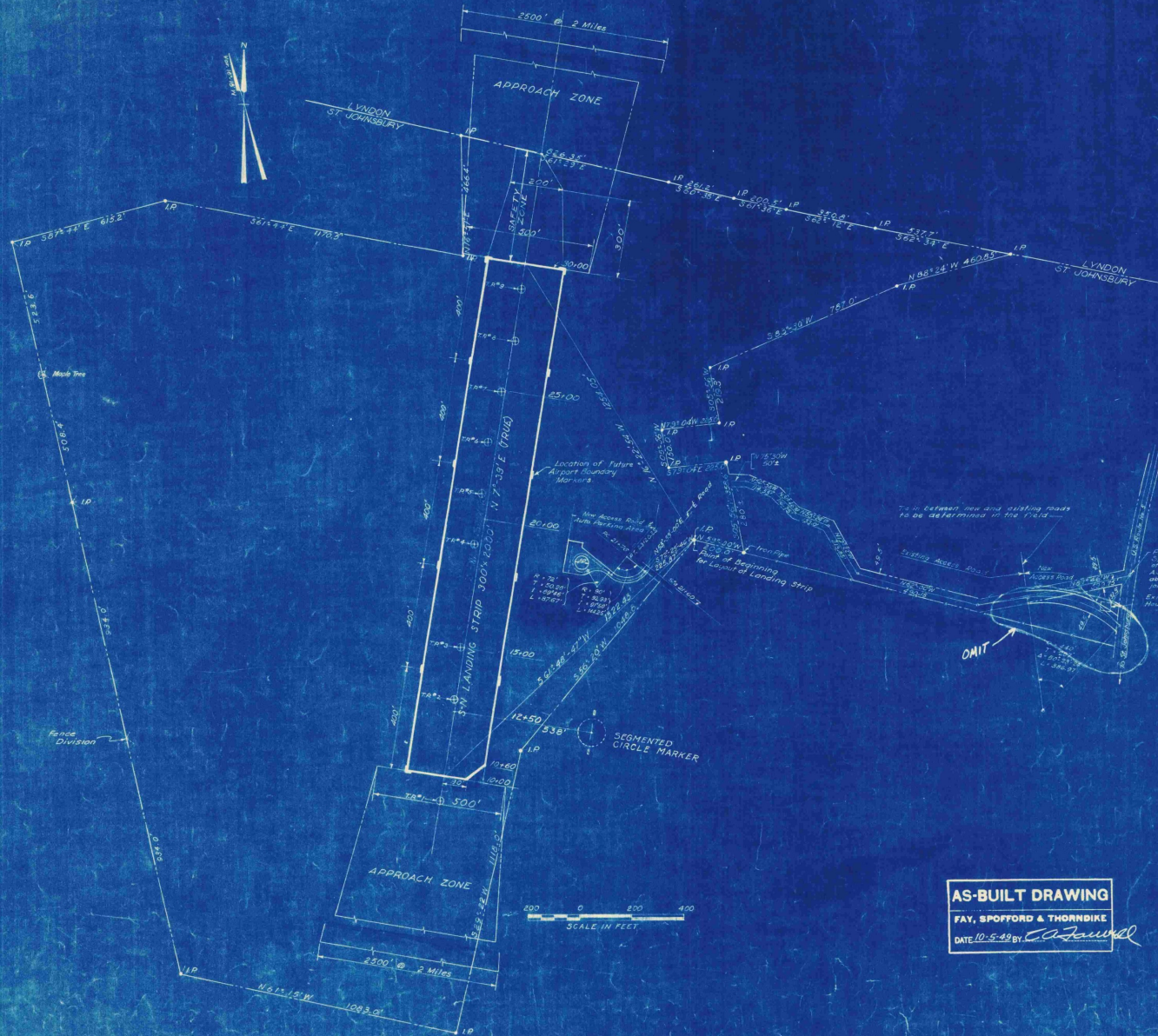
DATE 10-5-49 by *[Signature]*

- LEGEND**
- Thin Line
 - Dashed Line
 - Dotted Line
 - Dash-dot Line
 - Approach Zone
 - Landing Strip Center Line
 - Approximate Limits of Existing Landing Strips
 - Contour Lines
 - Existing Buildings
 - Landing Strip



Notes:
 Elevations are based on Mean Sea Level (U.S. Geological Survey).
 No official information as to wind directions or intensities.

VILLAGE OF ST. JOHNSBURY, VT. BOARD OF VILLAGE TRUSTEES	
ST. JOHNSBURY AIRPORT	
MASTER PLAN	
SCALE: AS SHOWN	SEPTEMBER 1946
FAY, SPOFFORD & THORNDIKE ENGINEERS, BOSTON-NEW YORK	NO. 057a
<i>[Signature]</i>	NO. 2
CONTRACT DRAWING	SHEET NO. 2 OF 11



Point of Beginning of Access Road
 50'± from E. excavation joint
 in concrete roadway, 152.00'± N.E. corner of old
 A. T. Paul house and 30'± N.W. corner from intersection of
 access road extension, 100'± and a traverse extension
 joint in said roadway.

Existing House Foundation

Line between new and existing roads
 to be determined in the field.

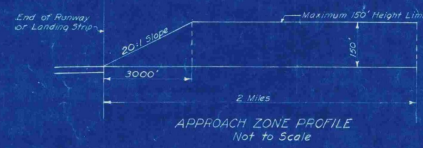
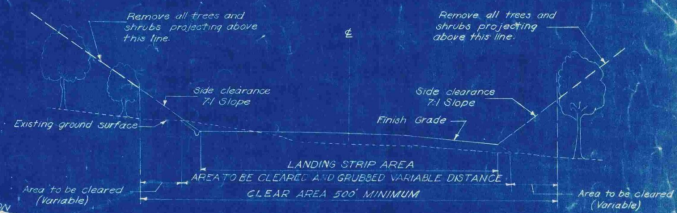
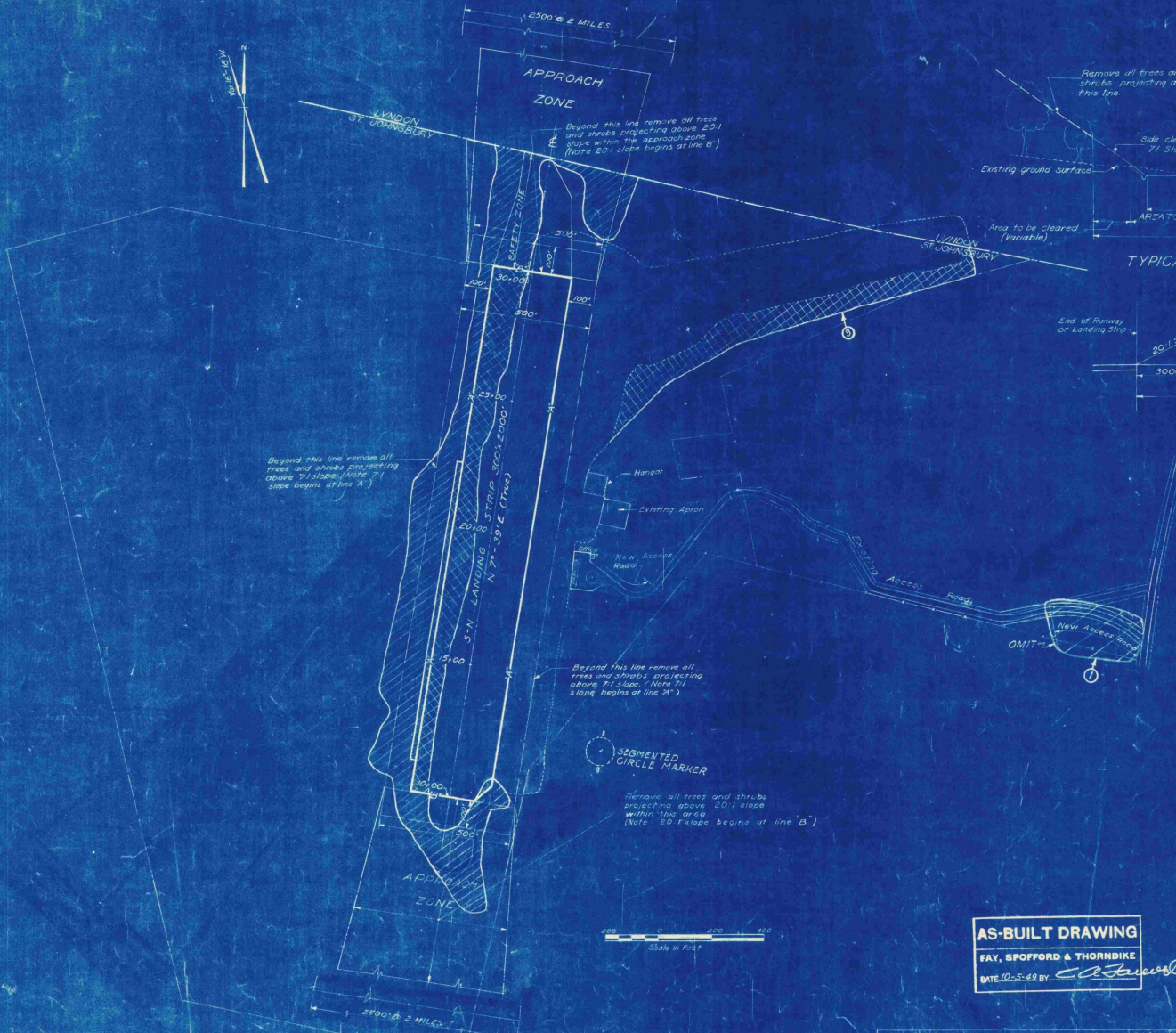
- LEGEND**
- Town Lines
 - Property Lines
 - - - Existing Fences
 - ⊕ Y.P.M. Test Pit
 - Approach Zone
 - IP Iron Pipe
 - Limits of Landing Strip

Note: Bearings shown are Magnetic unless otherwise noted.

AS-BUILT DRAWING
 FAY, SPOFFORD & THORNDIKE
 DATE 10-5-49 by *C. A. Lawler*

VILLAGE OF ST. JOHNSBURY, VT. BOARD OF VILLAGE TRUSTEES	
ST. JOHNSBURY AIRPORT	
LAYOUT PLAN	
SCALE AS NOTED	SEPTEMBER 1949
FAY, SPOFFORD & THORNDIKE, ENGINEERS, BOSTON-NEW YORK	
APPROVED BY <i>F. E. ...</i>	FILE NO. Os-5a
APPROVED BY <i>C. A. Lawler</i>	PLAN NO. 3
CONTRACT DRAWING	SHEET NO. 3 OF 11

11
12
13
14
15
16
17
18
19
20



Beyond this line remove all trees and shrubs projecting above 20:1 slope (Note 7:1 slope begins at line A')

Beyond this line remove all trees and shrubs projecting above 7:1 slope (Note 7:1 slope begins at line A'')

SEGMENTED CIRCLE MARKER

Remove all trees and shrubs projecting above 20:1 slope within this area (Note 20:1 slope begins at line B')



- LEGEND**
- Town Line
 - Property Line
 - - - Existing Fences
 - ▨ Area to be Cleared
 - ▩ Area to be Cleared and grubbed
 - Approach zone
 - ▭ Existing Buildings
 - - - Approximate Limits of Existing Landing Strip
 - Limits of Landing Strip

Note: Areas shown to be cleared are approximate only and exact limits to be located by the engineer.

AS-BUILT DRAWING

FAY, SPOFFORD & THORNDIKE

DATE 10-5-48 BY *[Signature]*

VILLAGE OF ST. JOHNSBURY, VT.
BOARD OF VILLAGE TRUSTEES

ST. JOHNSBURY AIRPORT

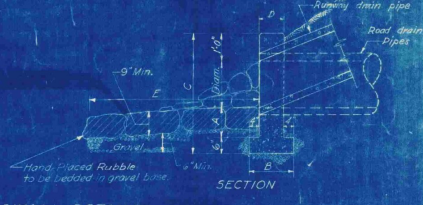
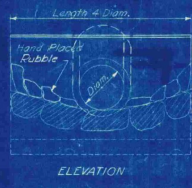
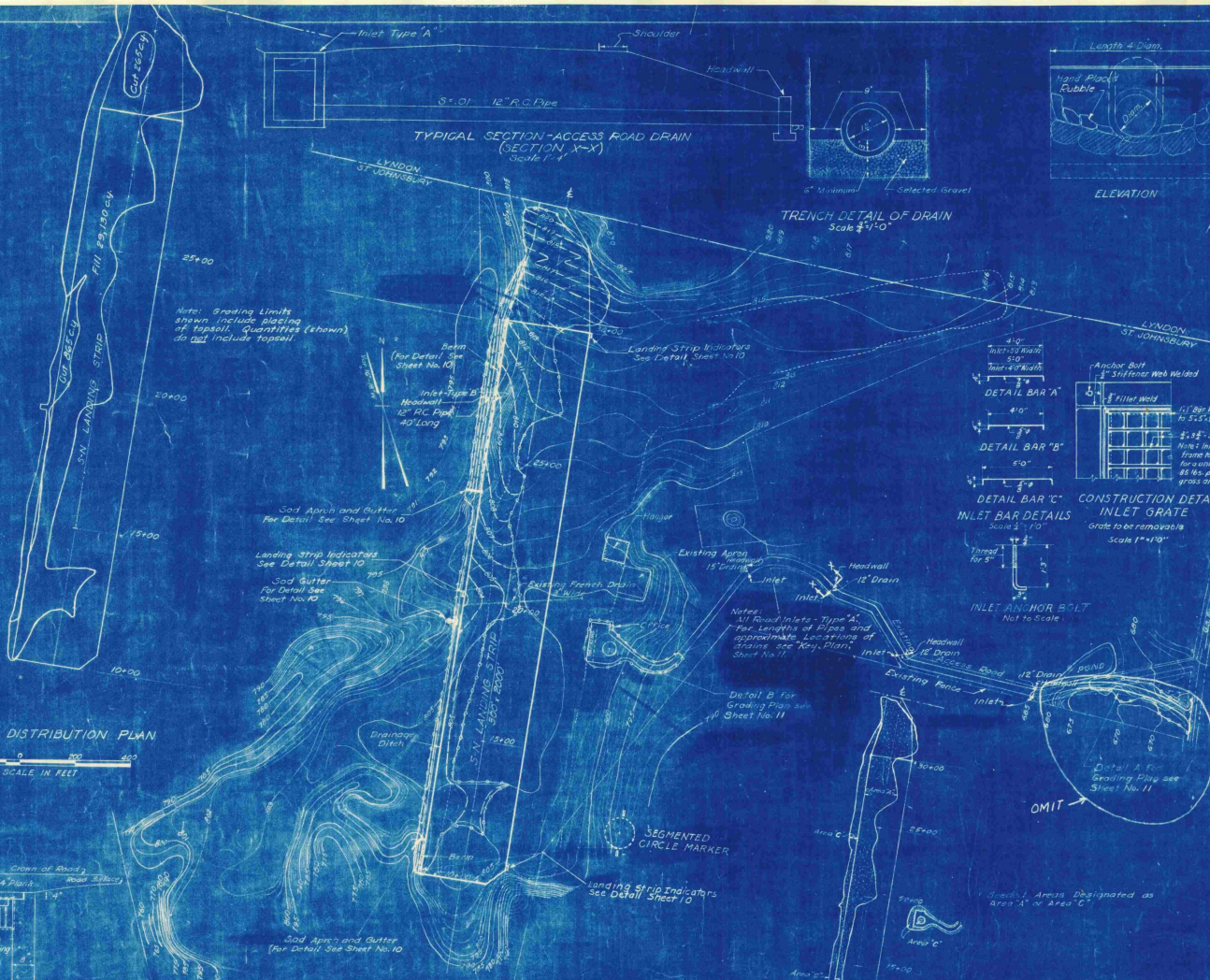
CLEARING PLAN

SCALE AS NOTED SEPTEMBER 12, 48
FAY, SPOFFORD & THORNDIKE ENGINEERS, BOSTON, NEW YORK

APPROVED: *[Signature]* FILE NO. **Os-5a**
APPROVED: *[Signature]* PLAN NO. **4**

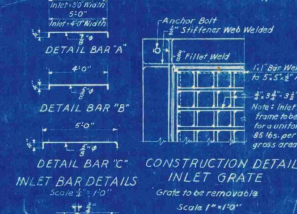
CONTRACT DRAWING SHEET NO. 4 OF 11

REV. NO.	DATE	DESCRIPTION	BY	CHK	APP
1	10-5-48	Area to be cleared and grubbed	E.G. B.	W.F.	
2		omit section of Access Road	E.G. B.	W.F.	
3			W.F.		

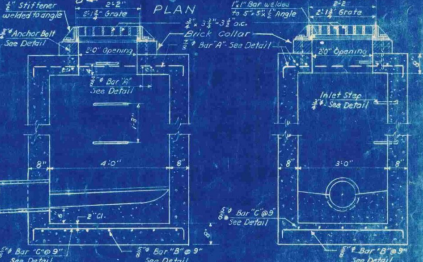
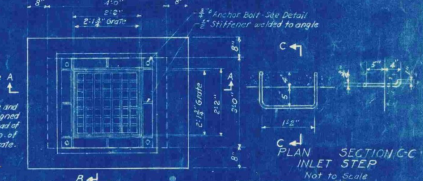


HEADWALL DETAILS
Not to Scale

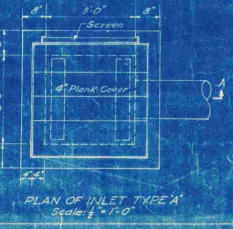
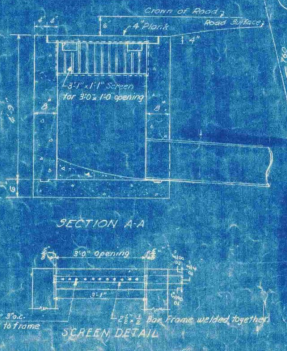
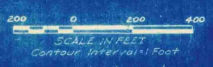
Diagn. of Pipe	A	B	C	D	E
12"	6'-0"	5'-6"	5'-0"	4'-0"	3'-0"
15"	6'-6"	6'-0"	5'-6"	5'-0"	4'-0"



CONSTRUCTION DETAIL
INLET GRATE
Grate to be removable
Scale 1" = 1'-0"

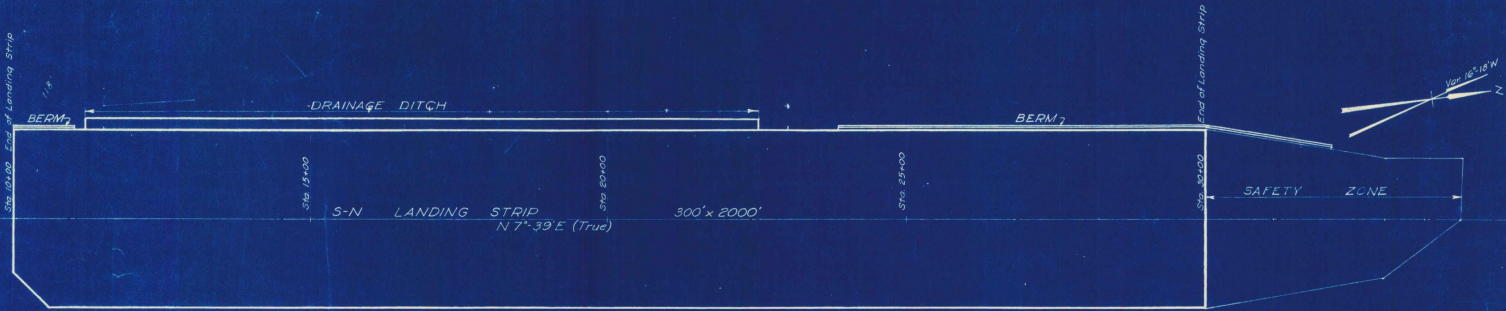


TYPE 'B' INLET DETAILS
Scale 1/2" = 1'-0"



AS-BUILT DRAWING
FAY, SPOFFORD & THORNDIKE
DATE: 10-5-42 BY: [Signature]

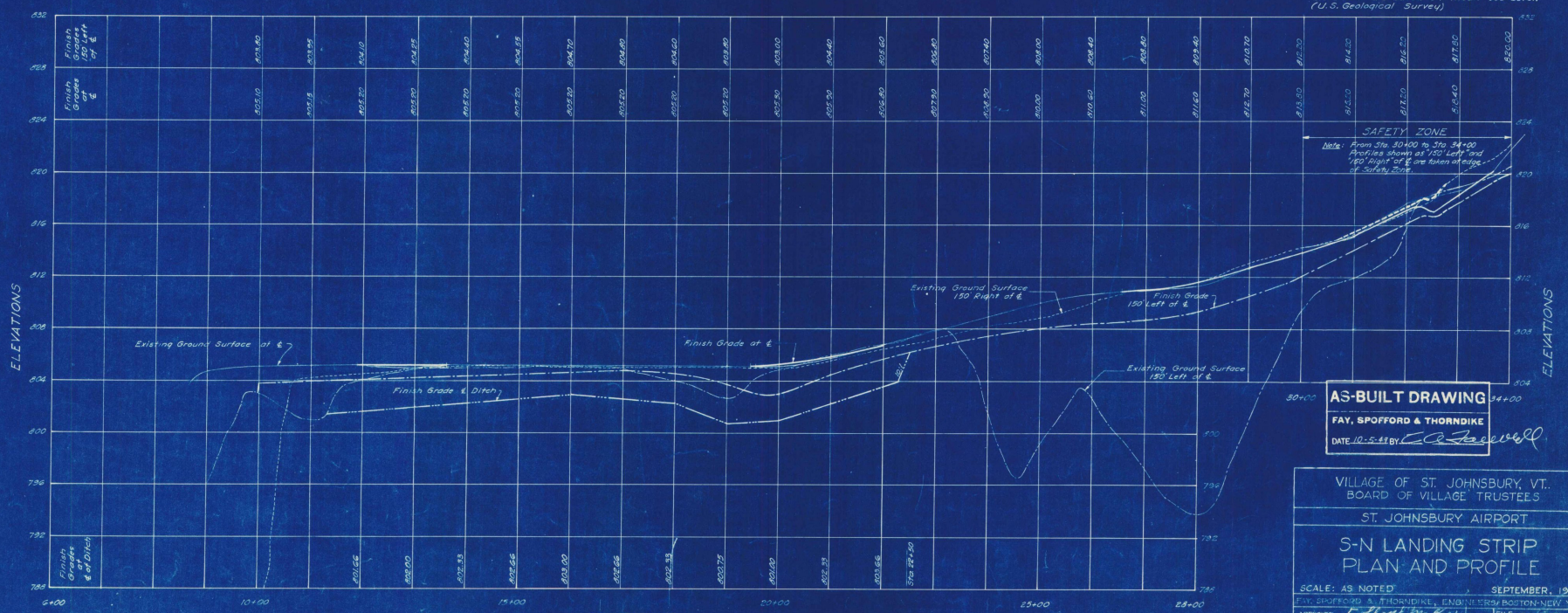
VILLAGE OF ST. JOHNSBURY, VT.
BOARD OF VILLAGE TRUSTEES
ST. JOHNSBURY AIRPORT
GRADING AND DRAINAGE,
GRADING DISTRIBUTION AND
SEEDING PLANS AND DETAILS
SCALE: AS NOTED SEPTEMBER 1948
FAY, SPOFFORD & THORNDIKE, ENGINEERS, BOSTON-NEW YORK
APPROVED: [Signature] 10-5-42
CONTRACT DRAWING SHEET NO. 3 OF 11



PLAN
Scale 1"=100'

LEGEND
 ———— Finish Grade for Φ at Landing Strip
 - - - - - Existing Ground Surface of Φ
 - - - - - " " " " 150' Right of Φ
 - - - - - " " " " 150' Left of Φ
 - - - - - Finish Grade 150' Left of Φ
 - - - - - Finish Grade of Drainage Ditch Φ
 - - - - - Finish grade 150' Right of Φ

Note:
 Elevations are based on Mean Sea Level,
 (U.S. Geological Survey)

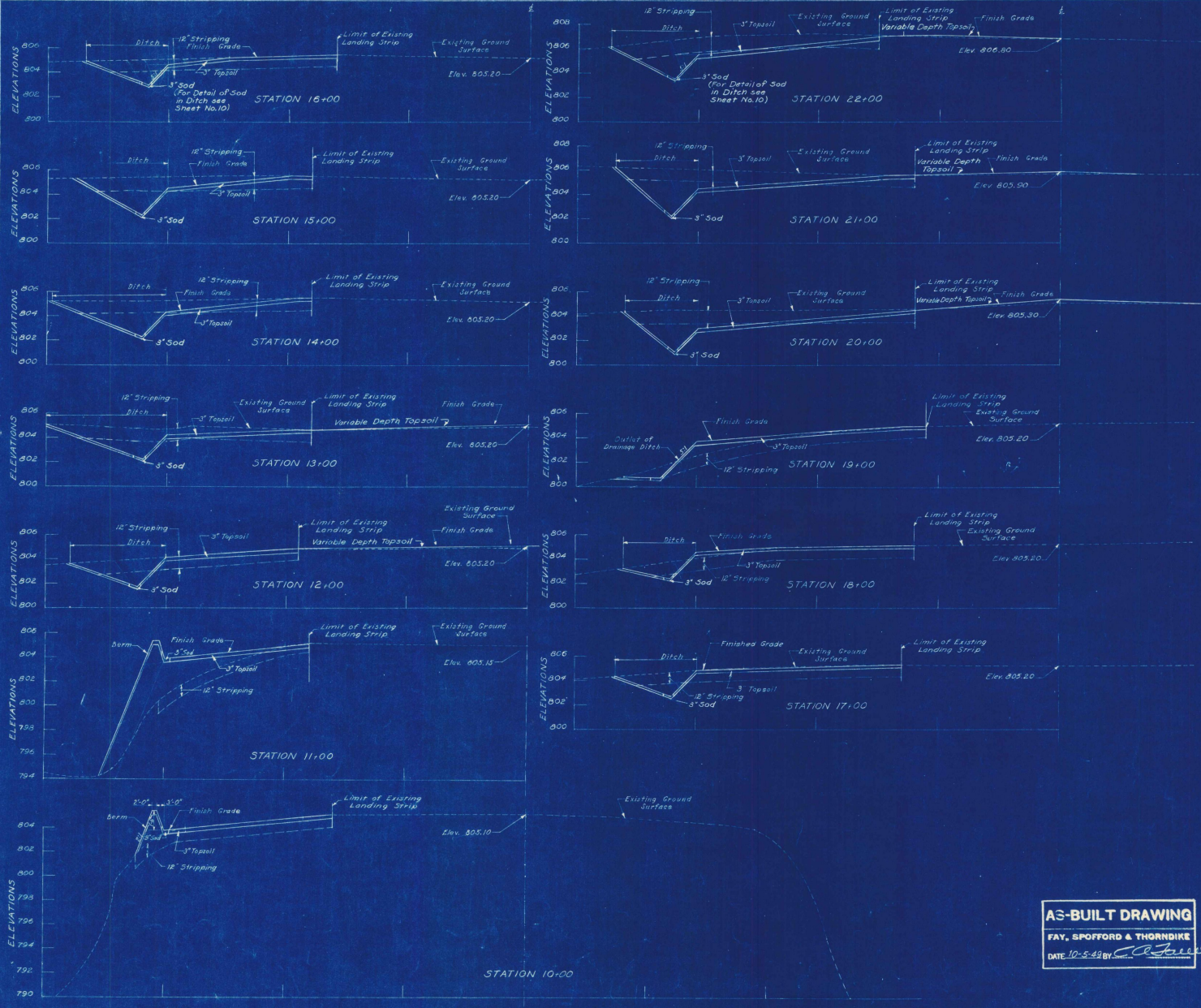


PROFILE
Scale: Hor. 1"=100'
Vert. 1"=4'

AS-BUILT DRAWING
 FAY, SPOFFORD & THORNDIKE
 DATE 10-2-48 BY *C. J. Jewell*

VILLAGE OF ST. JOHNSBURY, VT.
 BOARD OF VILLAGE TRUSTEES
 ST. JOHNSBURY AIRPORT
 S-N LANDING STRIP
 PLAN AND PROFILE
 SCALE: AS NOTED SEPTEMBER, 1948
 FAY, SPOFFORD & THORNDIKE, ENGINEERS, BOSTON-NEW YORK
 APPROVED: *E. H. McLean* SUPERVISOR, VILLAGE TRUSTEES
 APPROVED: *C. J. Jewell* PARTNER IN CHARGE
 FILE NO. Os-5a
 PLAN NO. 6

Contract Drawing



NOTES
 "Limit of Existing Landing Strip" is Limit of Cleared Area
 Elevations are based on Mean Sea Level
 (U.S. Geological Survey)

VILLAGE OF ST. JOHNSBURY, VT.
 BOARD OF VILLAGE TRUSTEES

ST. JOHNSBURY AIRPORT

S-N LANDING STRIP
 CROSS SECTIONS
 STA. 10+00 TO STA. 22+00

SCALE: 1" = 20' VERT. 1" = 4'

APPROVED: *[Signature]* SEPTEMBER 1948
 FAY, SPOFFORD & THORNDIKE ENGINEERS, BOSTON-NEW YORK
 FILE NO. Os-5a
 PLAN NO. 17

AS-BUILT DRAWING
 FAY, SPOFFORD & THORNDIKE
 DATE 10-5-48 by *[Signature]*

3. H.E.S.
 2. M.E.S.
 1. C.S.P.
 H.K.L.T.M.



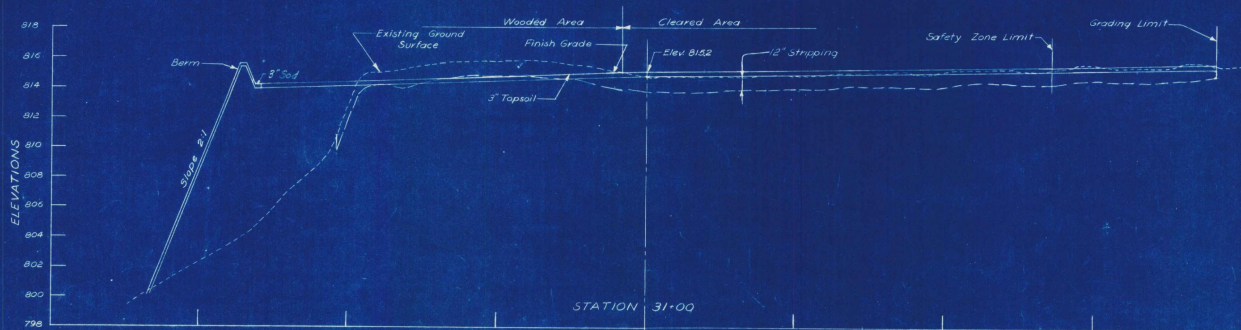
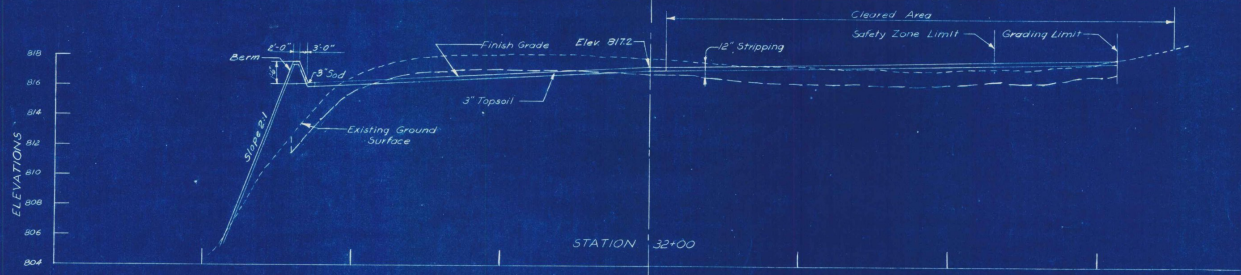
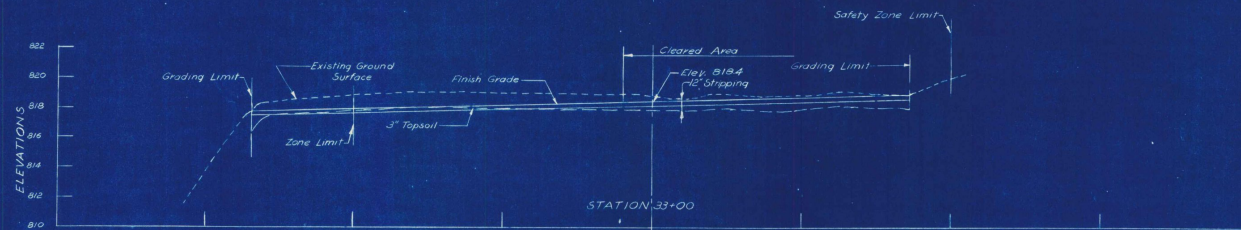
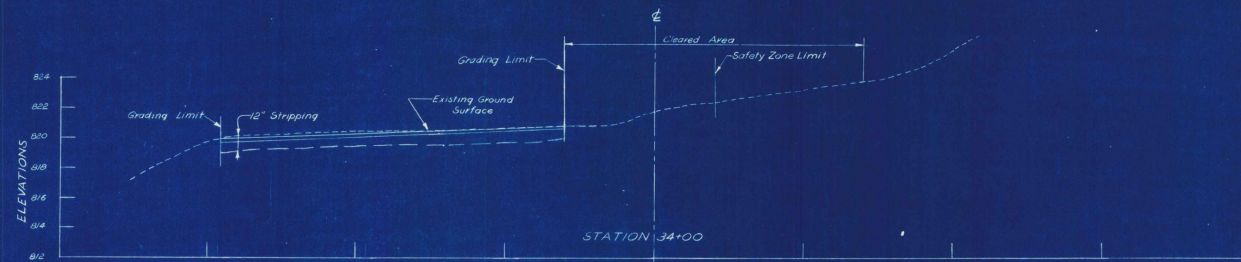
AS-BUILT DRAWING
 FAY, SPOFFORD & THORNDIKE
 DATE 10-5-42 BY *CS*

NOTES
 Limit of existing landing strip is limit of cleared area.
 Elevations are based on Mean Sea Level
 (U.S. Geographical Survey)

VILLAGE OF ST. JOHNSBURY, VT.
 BOARD OF VILLAGE TRUSTEES
 ST. JOHNSBURY AIRPORT
 S-N LANDING STRIP
 CROSS SECTIONS
 STA 23+00 TO STA 30+00
 SCALE: HORIZONTAL, 1" = 40'; VERTICAL, 1" = 4'
 DATE: SEPTEMBER 1948
 APPROVED BY *F. H. M. J.* CHAIRMAN, VILLAGE TRUSTEES
 APPROVED BY *CS* PARTNER IN CHARGE
 FILE NO. 05-5a
 PLAN NO. 18

1. M.F.S.
 2. M.F.S.
 3. C.E.O.
 4. L.T.M.

CONTRACT DRAWING SHEET NO. 3 OF 11

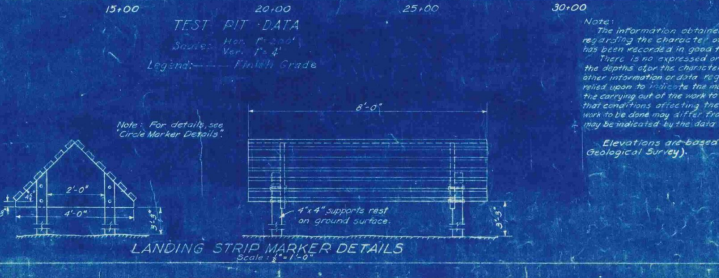
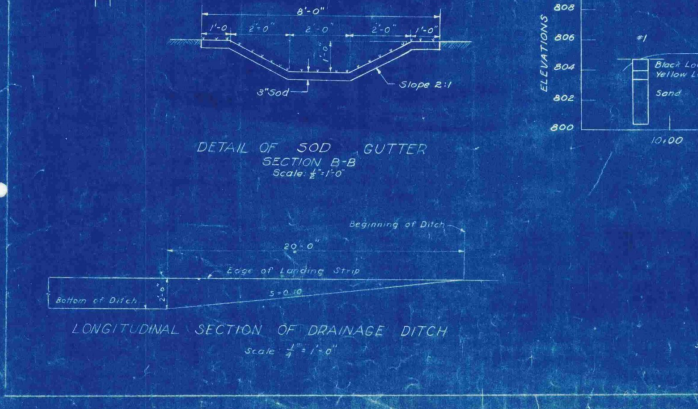
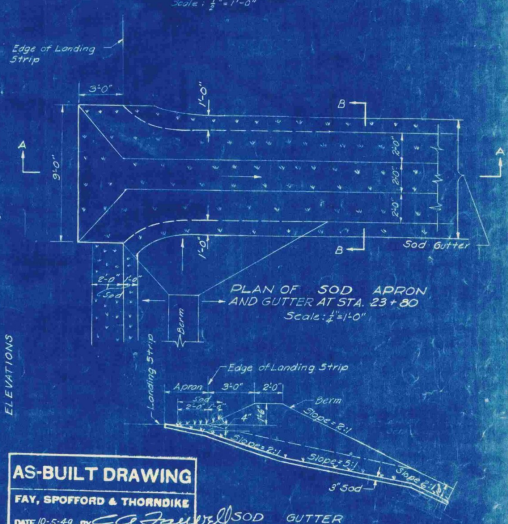
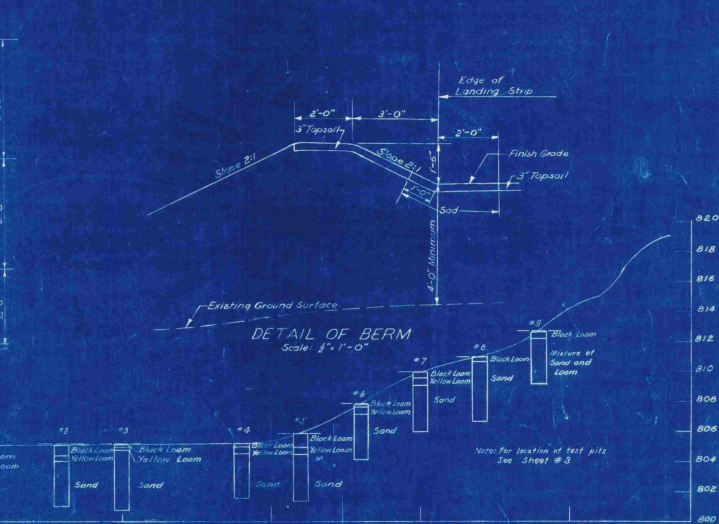
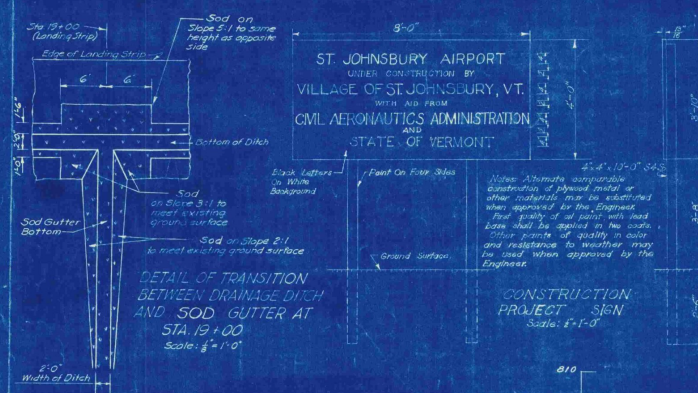
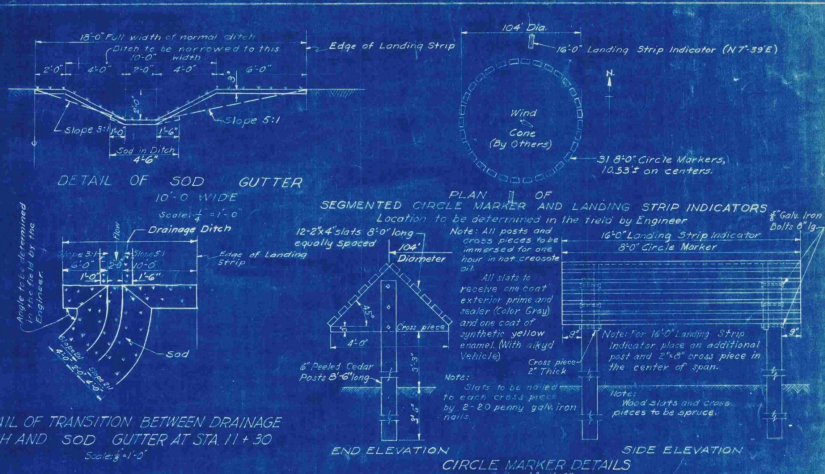
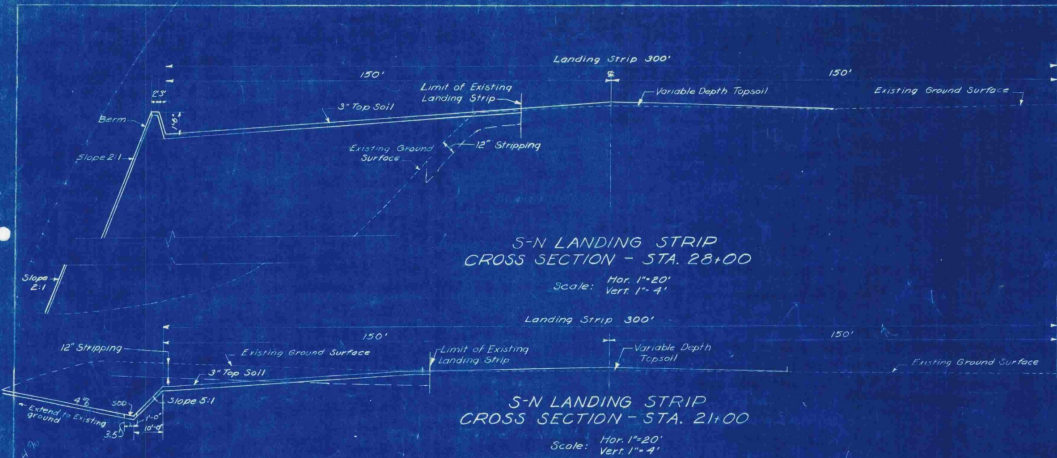


AS-BUILT DRAWING
 FAY, SPOFFORD & THORNDIKE
 DATE 10.5.49 By *[Signature]*

Note:
 Elevations are based on Mean Sea Level
 (U.S. Geological Survey)

VILLAGE OF ST. JOHNSBURY, VT
 BOARD OF VILLAGE TRUSTEES
 ST. JOHNSBURY AIRPORT
 S-N LANDING STRIP
 CROSS SECTIONS-SAFETY ZONE
 STA. 31+00 TO STA 34+00
 SCALE HOR. 1"=20' VERT. 1"=4' SEPTEMBER 1948
 FAY, SPOFFORD & THORNDIKE ENGINEERS, BOSTON NEW YORK
 APPROVED *[Signature]* FILE NO. Os-5a
 APPROVED *[Signature]* PLAN NO. 19
 PARTNER IN CHARGE
 CONTRACT DRAWING SHEET NO. 9 OF 11

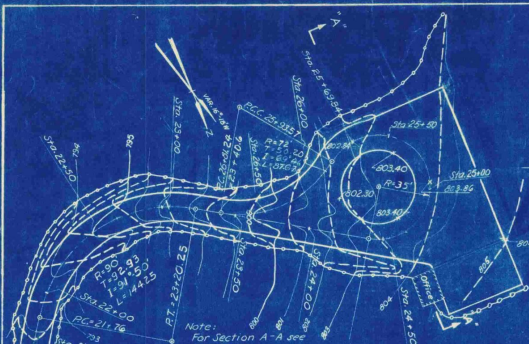
SCALE
 1"=20'
 1"=20'
 1"=20'



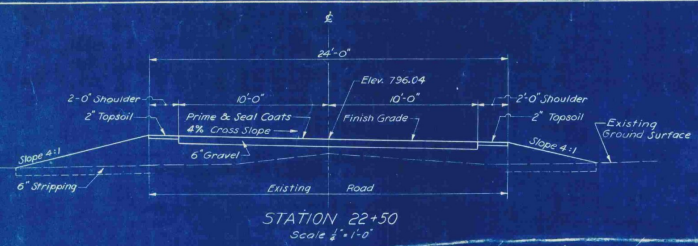
AS-BUILT DRAWING
FAY, SPOFFORD & THORNDIKE
DATE: 10-25-44 BY: [Signature]

VILLAGE OF ST. JOHNSBURY, VT.
BOARD OF VILLAGE TRUSTEES
ST. JOHNSBURY AIRPORT
TYPICAL CROSS SECTIONS
TEST PIT DATA AND DETAILS
DATE: 10-25-44 BY: [Signature]
CONTRACT DRAWING SHEET NO. 10 OF 11

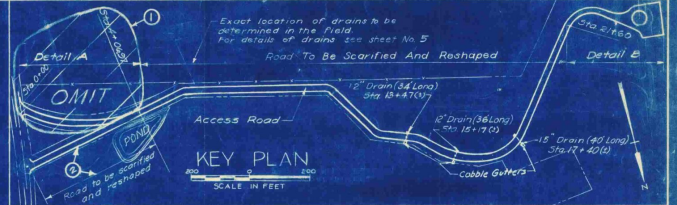
3.560
A.D.80
1.11
10.15



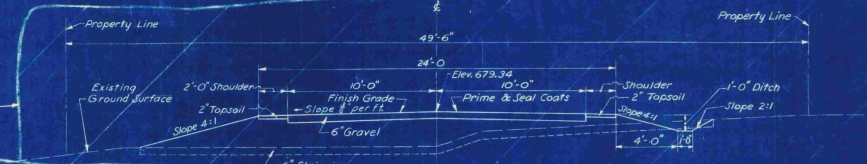
DETAIL B
SCALE IN FEET



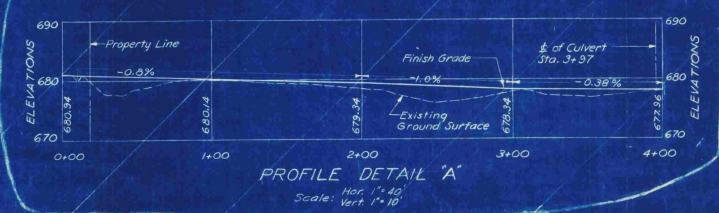
STATION 22+50
Scale 1/4" = 1'-0"



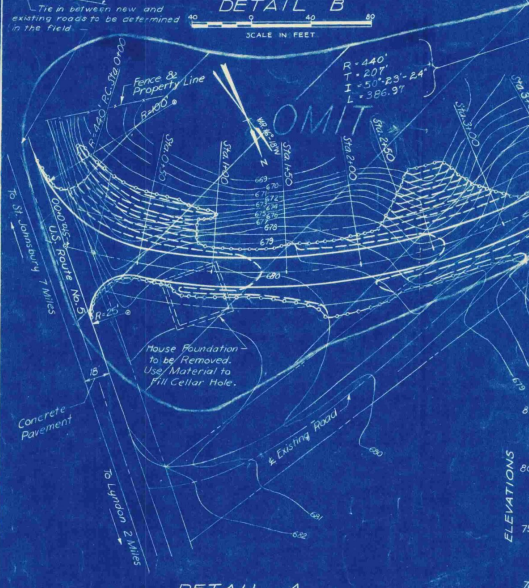
KEY PLAN
SCALE IN FEET



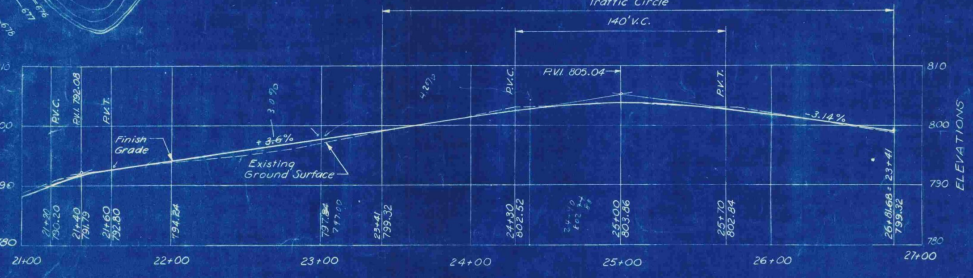
STATION 2+00 OMIT
Scale 1/4" = 1'-0"



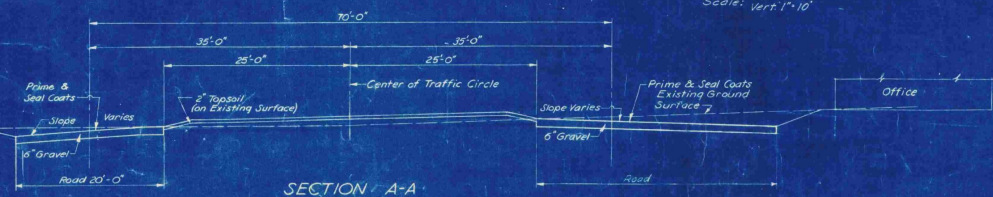
PROFILE DETAIL A
Hor. 1" = 40'
Vert. 1" = 10'



DETAIL A
SCALE IN FEET



PROFILE DETAIL B
Hor. 1" = 40'
Vert. 1" = 10'



SECTION A-A THROUGH TRAFFIC CIRCLE
Hor. 1/4" = 1'-0"
Vert. 1/4" = 1'-0"

2	5-24	Existing road to be scarified & reshaped	C.G.	E.B.	W.T.
1	5-24	Omit section of Access Road	2.C.D.	2.B.	W.T.
NO.	DATE	DESCRIPTION	MADE BY	CHECKED BY	DATE
REVISIONS					

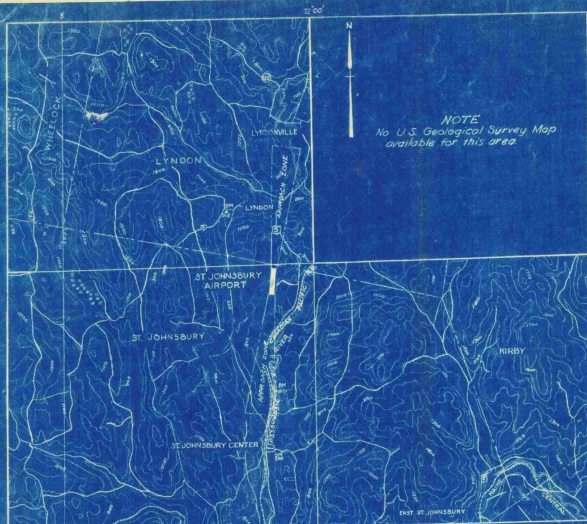
LEGEND FOR GRADING PLANS (DETAILS A AND B)
 --- Existing Contours
 --- Proposed Contours
 --- Limit of Grading

Elevations are based on Mean Sea Level (U.S. Geological Survey)

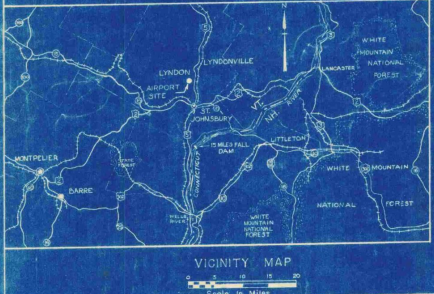
AS-BUILT DRAWING
 FAY, SPOFFORD & THORNDIKE
 DATE 12-5-52 BY *[Signature]*

VILLAGE OF ST. JOHNSBURY, VT. BOARD OF VILLAGE TRUSTEES	
ST. JOHNSBURY AIRPORT	
ACCESS ROAD AND DETAILS	
SCALE: AS NOTED	SEPTEMBER, 1948/17
FAY, SPOFFORD & THORNDIKE, ENGINEERS, BOSTON-NEW YORK	
APPROVED <i>[Signature]</i> CHAIRMAN VILLAGE TRUSTEES	MILE NO. Os-5a
APPROVED <i>[Signature]</i> ENGINEER IN CHARGE	NO. 13
CONTRACT DRAWING	SHEET NO. 11 OF 11

H. L. P.
L. T. M.
C. J. S.
A. P. M.



NOTES
 Latitude 44° 24' 45"
 Longitude 72° 00' 35"
 (3/4 mile S. of center of runway layout)
 Elevation 833 (Highest point in usable landing area)
 Aiming distance and direction from Town 5.3 Miles N.
 Distance by Road to Post Office 6 Miles
 Elevations are based on Mean Sea Level (U.S. Geological Survey)



VILLAGE OF ST. JOHNSBURY VERMONT

INDEX TO CONTRACT DRAWINGS

SHEET NO.	TITLE	DATE
1	TITLE SHEET	SEPTEMBER 1948
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8	S-N LANDING STRIP - CROSS SECTIONS STA. 23+00 TO STA. 30+00	SEPTEMBER 1948
9	S-N LANDING STRIP CROSS SECTIONS - SAFETY ZONE STA. 31+00 TO STA. 34+00	SEPTEMBER 1948
10	TYPICAL CROSS SECTIONS, TEST PIT DATA AND DETAILS	SEPTEMBER 1948
11	ACCESS ROAD AND DETAILS	SEPTEMBER 1948
INFORMATION DRAWINGS (NOT PART OF CONTRACT DRAWINGS)		
	PLAN TO ACCOMPANY SPONSOR'S ASSURANCE AGREEMENT	SEPTEMBER 1948
	OBSTRUCTION PLAN	SEPTEMBER 1948

ESTIMATED QUANTITIES OF MAJOR ITEMS

ITEM	QUANTITY
CLEARING, CLEARING AND GRUBBING	13.3 ACRES
COMMON AND BORROW EXCAVATION	35,000 CU. YDS.
SCARIFYING AND RESHAPING ROAD	3910 SQ. YDS.
BITUMINOUS MATERIAL FOR SURFACE TREATMENT - ROAD	6700 GALS.
TOPSOIL	4100 CU. YDS.
SEEDING	10.4 ACRES
REPAIRS TO EXISTING LANDING STRIP SURFACE	5000 SQ. YDS.

CONSTRUCTION PLANS

ST. JOHNSBURY AIRPORT

LANDING STRIP AND ACCESS ROAD IMPROVEMENTS

SEPTEMBER, 1948

AS-BUILT DRAWING

FAY, SPOFFORD & THORNDIKE

DATE 10-5-48 BY *[Signature]*

CIVIL AERONAUTICS ADMINISTRATION

APPROVED _____ DIRECTOR
 DATE _____ AIRPORT ENGINEERING SERVICE

APPROVED _____ SUPERINTENDENT
 DATE _____ AIRPORTS BRANCH

APPROVED _____ DISTRICT AIRPORT ENGINEER
 DATE _____

VERMONT AERONAUTICS COMMISSION

APPROVED *[Signature]* CHAIRMAN
 DATE *Sept 25, 1948*

APPROVED *[Signature]* DIRECTOR
 DATE *Sept 23, 1948*

APPROVED _____ ENGINEER
 DATE _____

ST. JOHNSBURY

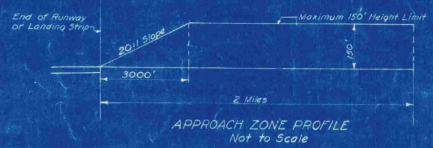
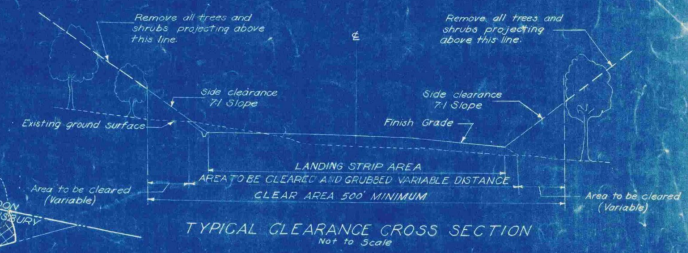
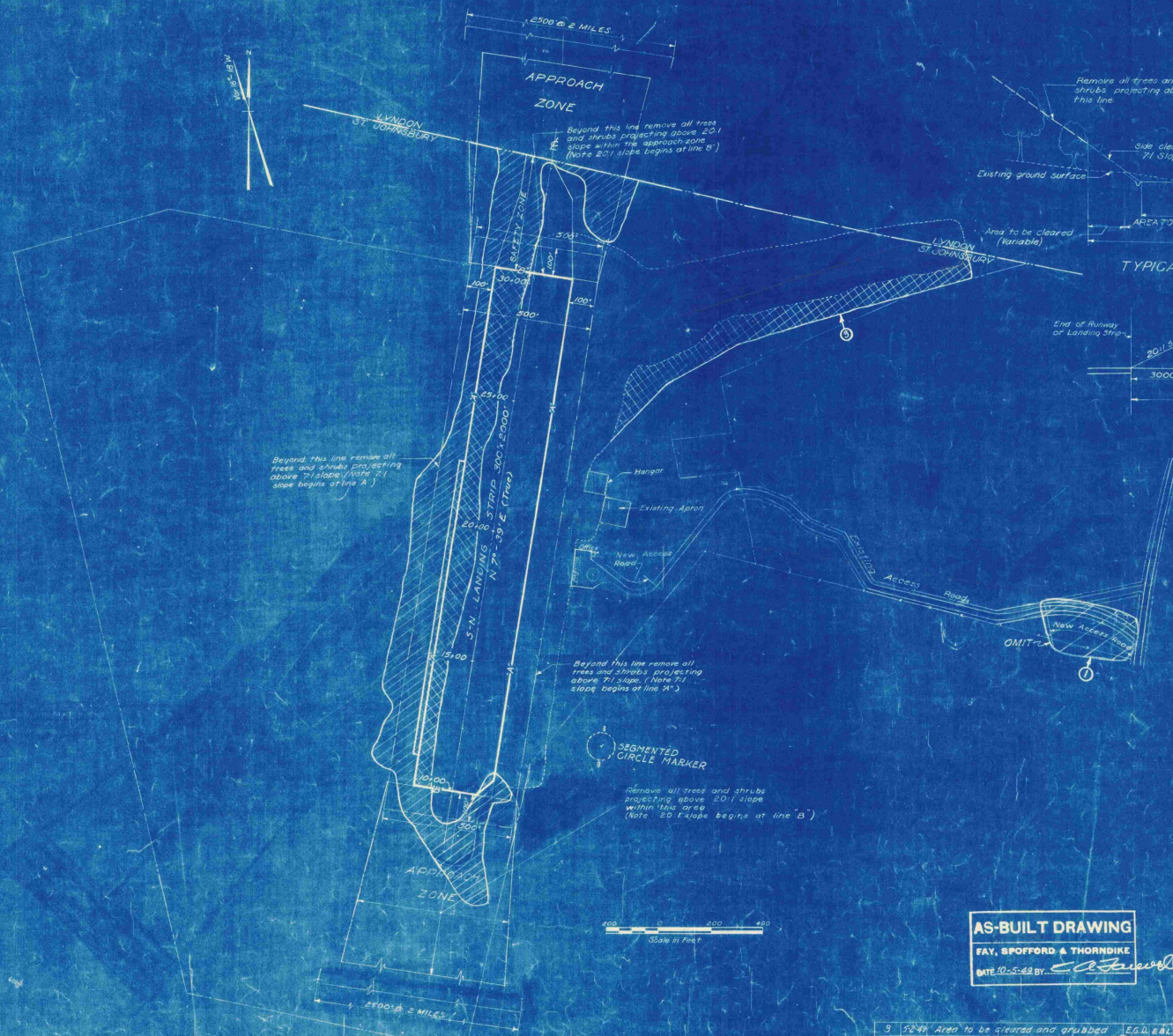
APPROVED *[Signature]* CHAIRMAN
 DATE *9/22/48* BOARD OF VILLAGE TRUSTEES

PREPARED BY

FAY, SPOFFORD & THORNDIKE, ENGINEERS
 BOSTON - NEW YORK

APPROVED *[Signature]* PARTNER IN CHARGE
 DATE *Sept 21, 1948*

APPROVED *[Signature]* AIRPORT ENGINEER
 DATE *Sept 21, 1948*



- LEGEND**
- Town Line
 - Property Line
 - - - Existing Fences
 - /// Area to be Cleared
 - ▨ Area to be Cleared and grubbed
 - Approach Zone
 - ▤ Existing Buildings
 - - - Approximate Limits of Existing Landing Strip
 - Limits of Landing Strip

Notes
Areas shown to be cleared are approximate only and exact limits to be located by the engineer.

VILLAGE OF ST. JOHNSBURY, VT.
BOARD OF VILLAGE TRUSTEES
ST. JOHNSBURY AIRPORT

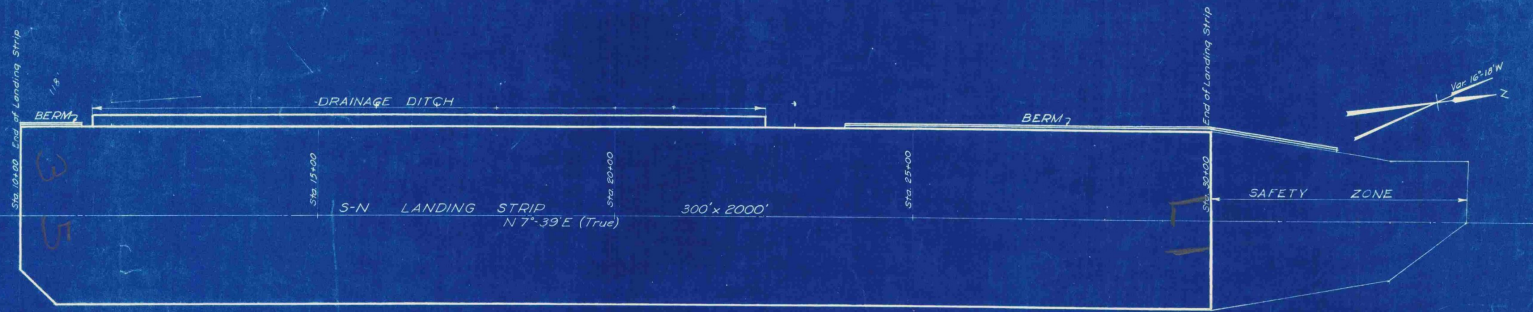
CLEARING PLAN

SCALE AS NOTED
 SEPTEMBER 1948
 FAY, SPOFFORD & THORNDIKE ENGINEERS, BOSTON, NEW YORK
 APPROVED: *E. Howard* FILE NO. Os-5a
 APPROVED: *[Signature]* DATE: []
 CONTRACT DRAWING SHEET NO. 4 OF 11

AS-BUILT DRAWING
 FAY, SPOFFORD & THORNDIKE
 DATE 10-5-49 BY: *[Signature]*

REV. NO.	DATE	DESCRIPTION	MADE BY	CHEK. BY
9	5-2-49	Area to be cleared and grubbed	E.G.H.	M.H.
1	5-2-49	Omit section of Access Road	E.G.H.	M.H.

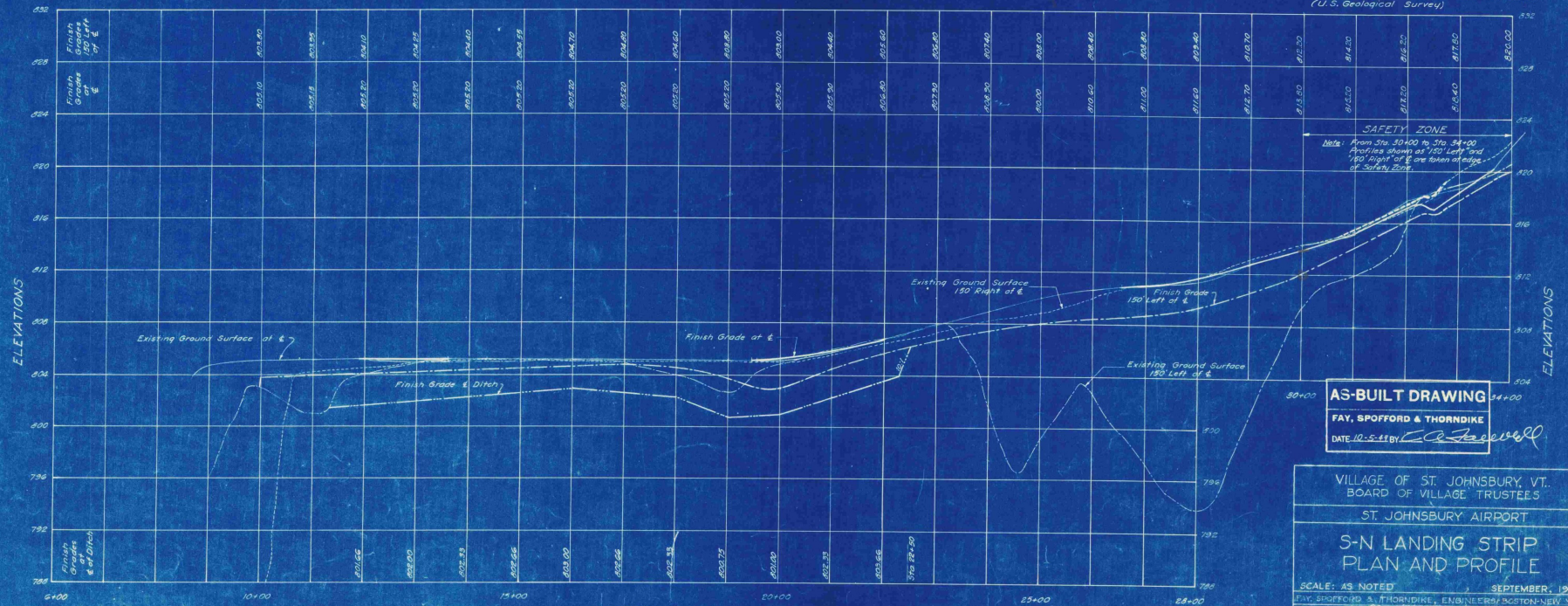




PLAN
Scale 1"=100'

LEGEND
 ———— Finish Grade for \pm of Landing Strip
 - - - - Existing Ground Surface of \pm
 - - - - 150' Right of \pm
 - - - - 150' Left of \pm
 - - - - Finish Grade 150' Left of \pm
 - - - - Finish Grade of Drainage Ditch &
 - - - - Finish Grade 150' Right of \pm

Note: Elevations are based on Mean Sea Level, (U.S. Geological Survey)

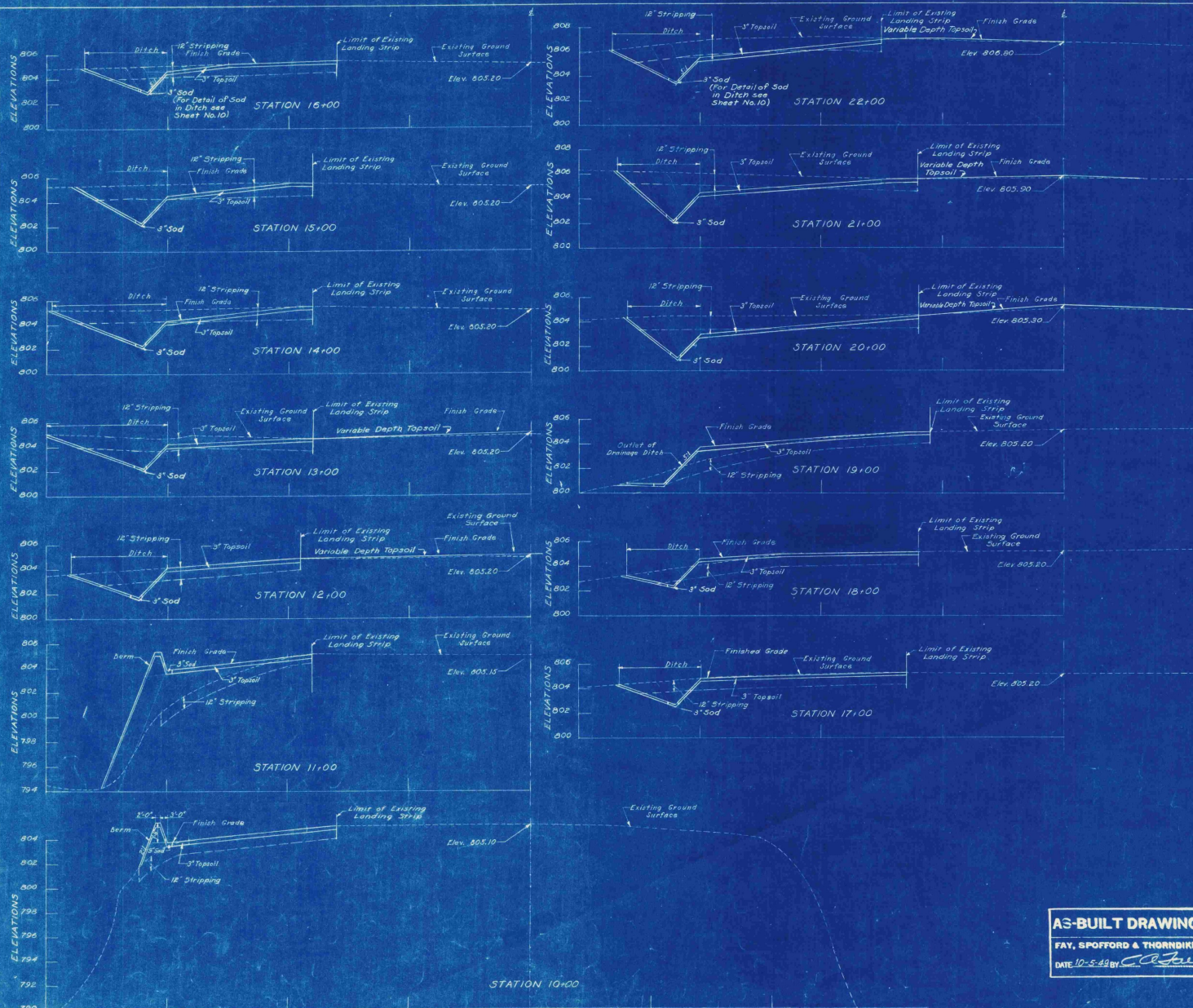


PROFILE
Scale: Hor. 1"=100'
Vert. 1"=4'

AS-BUILT DRAWING
 FAY, SPOFFORD & THORNDIKE
 DATE 10-5-87 BY *C. J. Stewart*

VILLAGE OF ST. JOHNSBURY, VT.
 BOARD OF VILLAGE TRUSTEES
 ST. JOHNSBURY AIRPORT
**S-N LANDING STRIP
 PLAN AND PROFILE**

SCALE: AS NOTED
 SEPTEMBER, 1988
 FAY, SPOFFORD & THORNDIKE, ENGINEERS ARCHITECTS NEW YORK
 APPROVED *[Signature]* FILE NO. 03-5a
 APPROVED *[Signature]* PLAN NO. 6
 PARTNER IN CHARGE
 CONTRACT DRAWING SHEET NO. 6 OF 11



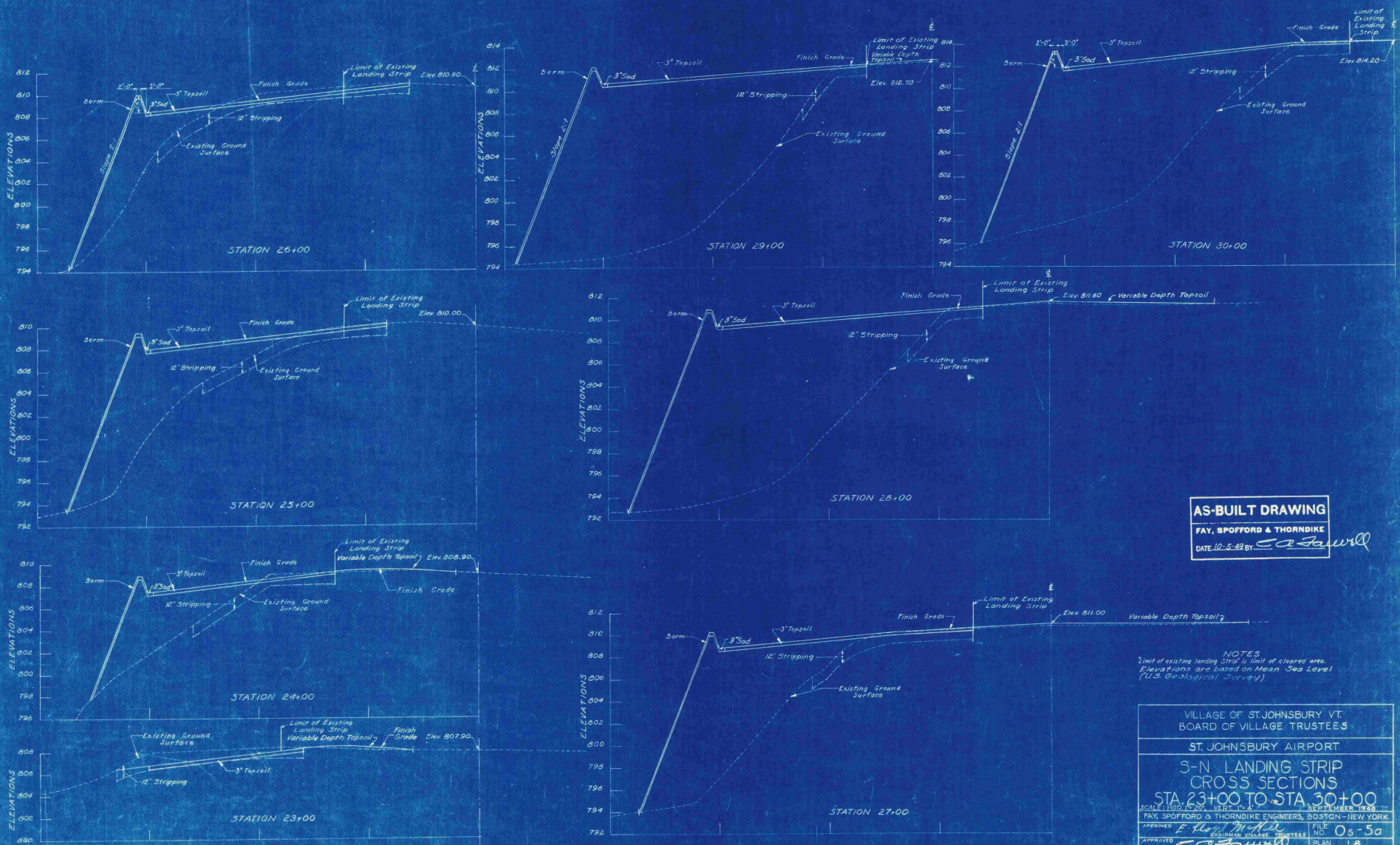
Original Drawing

NOTES
 "Limit of Existing Landing Strip" is Limit of Cleared Area
 Elevations are based on Mean Sea Level
 (U.S. Geological Survey)

VILLAGE OF ST. JOHNSBURY, VT. BOARD OF VILLAGE TRUSTEES	
ST. JOHNSBURY AIRPORT	
S-N LANDING STRIP CROSS SECTIONS	
STA. 10+00 TO STA. 22+00	
DATE: 10-5-49	FILE NO. 0s-5a
APPROVED: [Signature]	FILE NO. 17
CONTRACT DRAWING SHEET NO. 7 OF 11	

A3-BUILT DRAWING
 FAY, SPOFFORD & THORNDIKE
 DATE 10-5-49 BY [Signature]

11. M.R.S.
 12. M.R.S.
 13. D.E.M.
 14. L.T.M.



AS-BUILT DRAWING

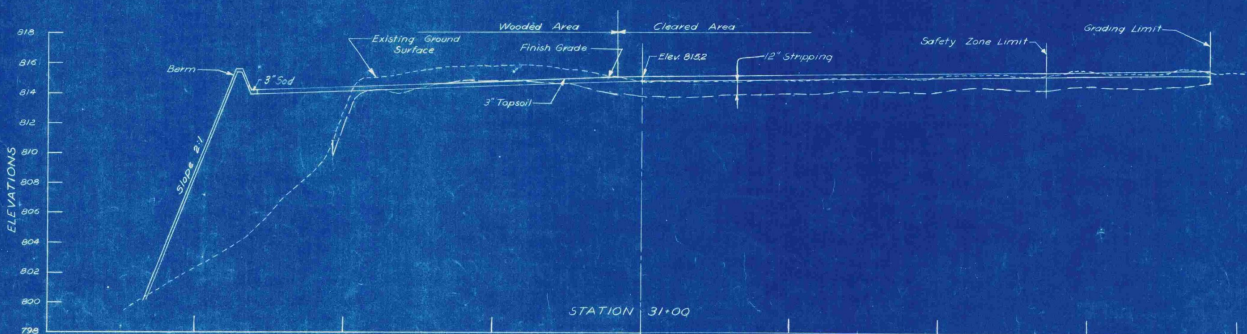
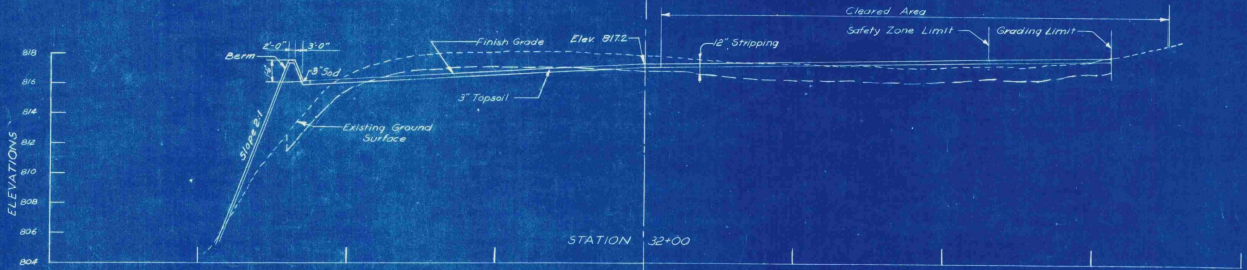
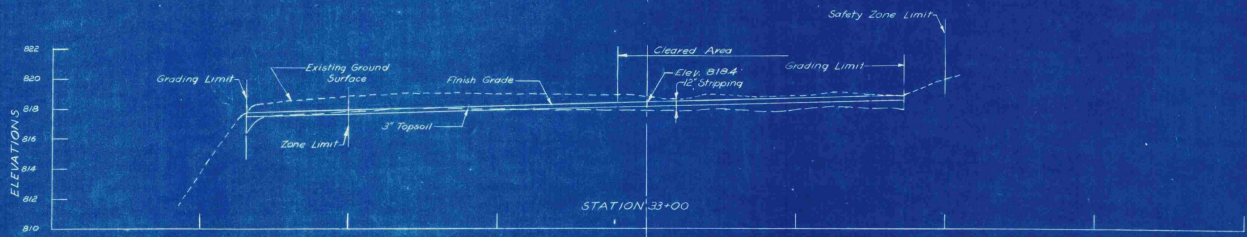
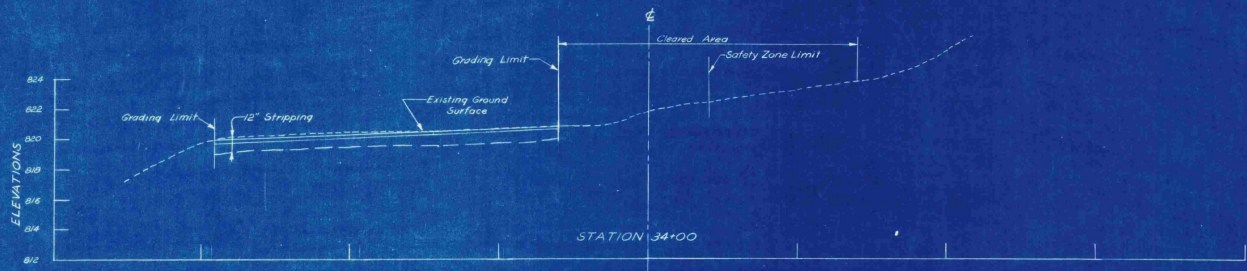
FAY, SPOFFORD & THORNDIKE

DATE 12-5-42 BY *E. C. Fawcett*

NOTES
 Limit of existing landing strip is limit of cleared area.
 Elevations are based on Mean Sea Level
 (U.S. Geological Survey)

VILLAGE OF ST. JOHNSBURY VT. BOARD OF VILLAGE TRUSTEES	
ST. JOHNSBURY AIRPORT	
S-N LANDING STRIP CROSS SECTIONS STA 23+00 TO STA 30+00	
SCALE: HORIZ. 1"=20', VERT. 1"=4'	DATE: SEPTEMBER 1946
APPROVED: <i>E. C. Fawcett</i> ENGINEER	FILE NO. Os-5a
APPROVED: <i>E. C. Fawcett</i> ENGINEER	PLAN NO. 18

11. M.F.E.
 12. M.F.E.
 13. C.E.G.
 14. L.T.M.

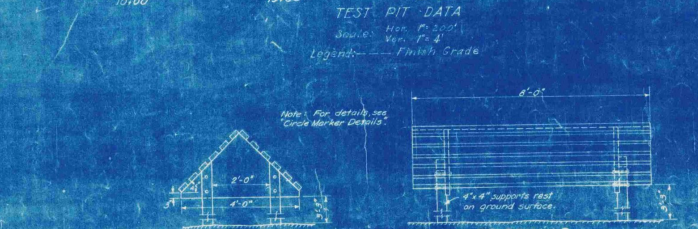
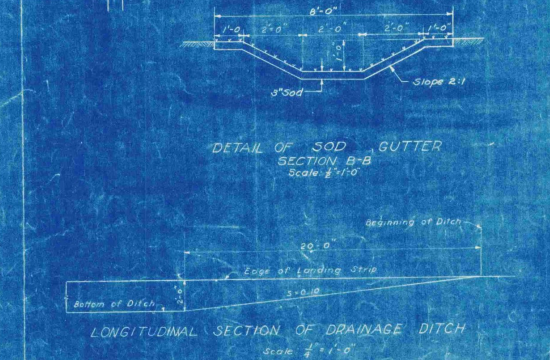
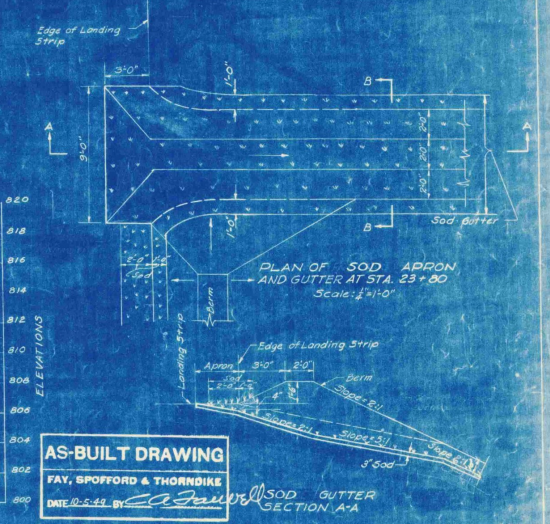
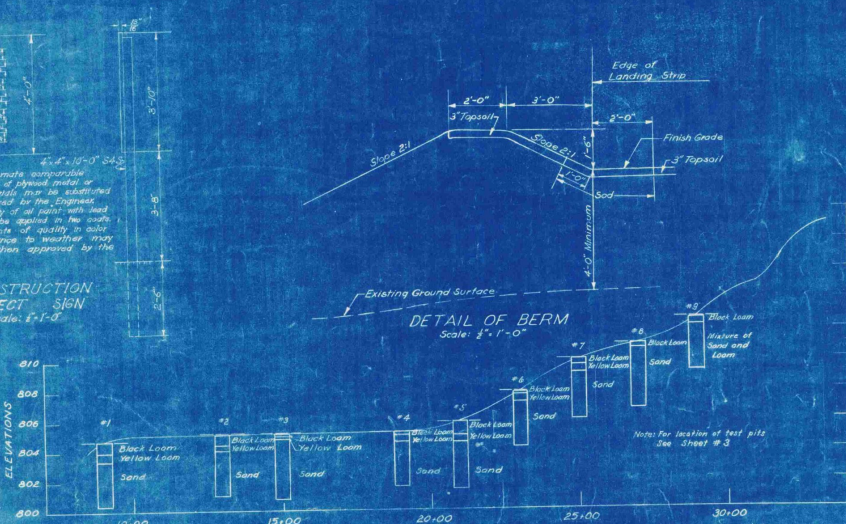
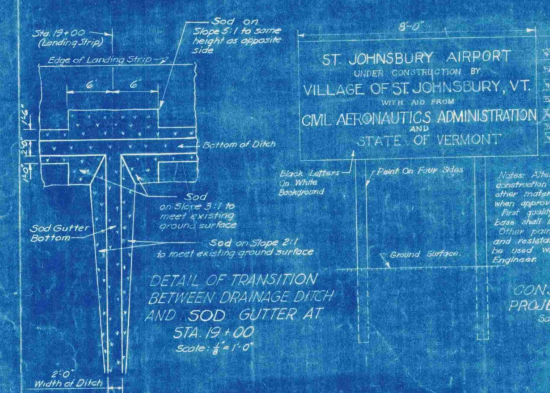
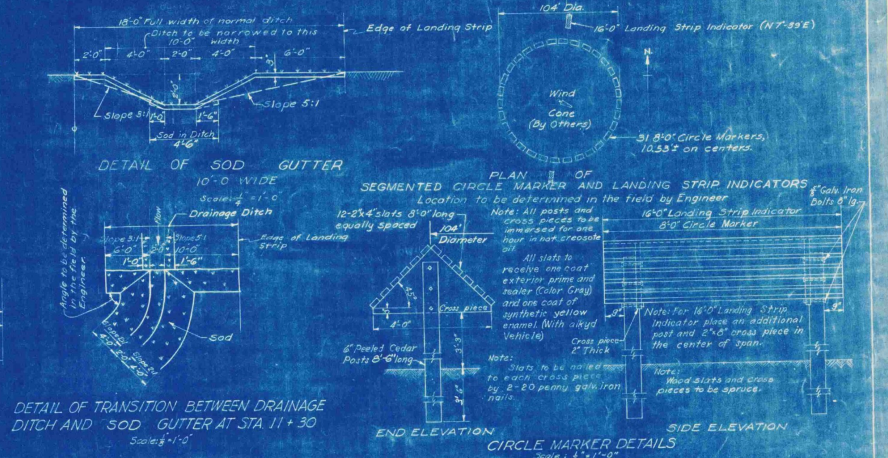
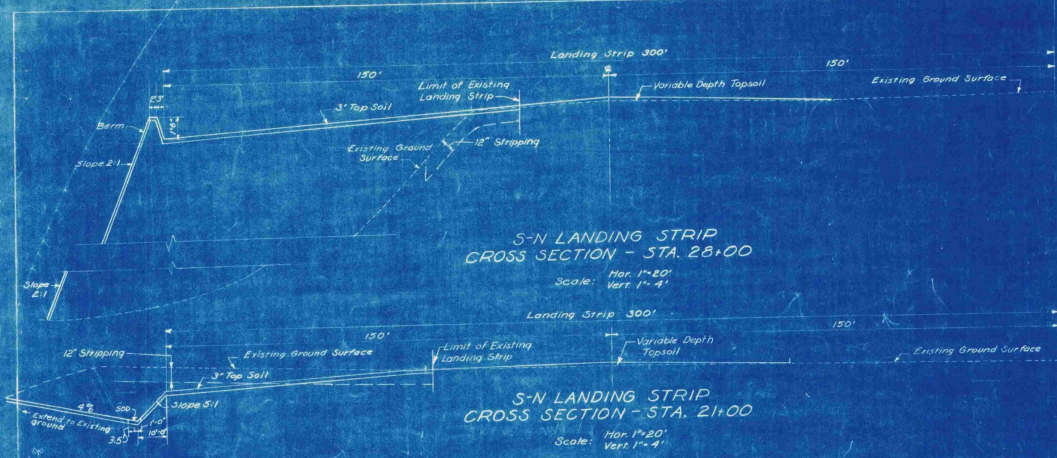


AS-BUILT DRAWING
FAY, SPOFFORD & THORNDIKE
 DATE 10-5-48 BY *C. J. Farrell*

Note: Elevations are based on Mean Sea Level (U.S. Geological Survey)

VILLAGE OF ST. JOHNSBURY, VT. BOARD OF VILLAGE TRUSTEES	
ST. JOHNSBURY AIRPORT	
S-N LANDING STRIP CROSS SECTIONS-SAFETY ZONE STA. 31+00 TO STA. 34+00	
SCALE HOR. 1"=20'	VERT. 1"=4'
SEPTEMBER 1948	
FAY, SPOFFORD & THORNDIKE ENGINEERS, BOSTON, NEW YORK	
APPROVED <i>E. Frank Miller</i>	FILE NO. 05-5a
APPROVED <i>C. J. Farrell</i>	PLAN NO. 19
PARTNER IN CHARGE	

ALL
LBT
LBT
LBT

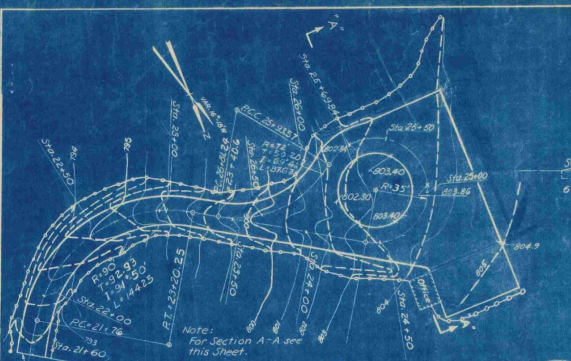


AS-BUILT DRAWING
FAY, SPOFFORD & THORNBIKE
DATE 10-25-49 BY [Signature]

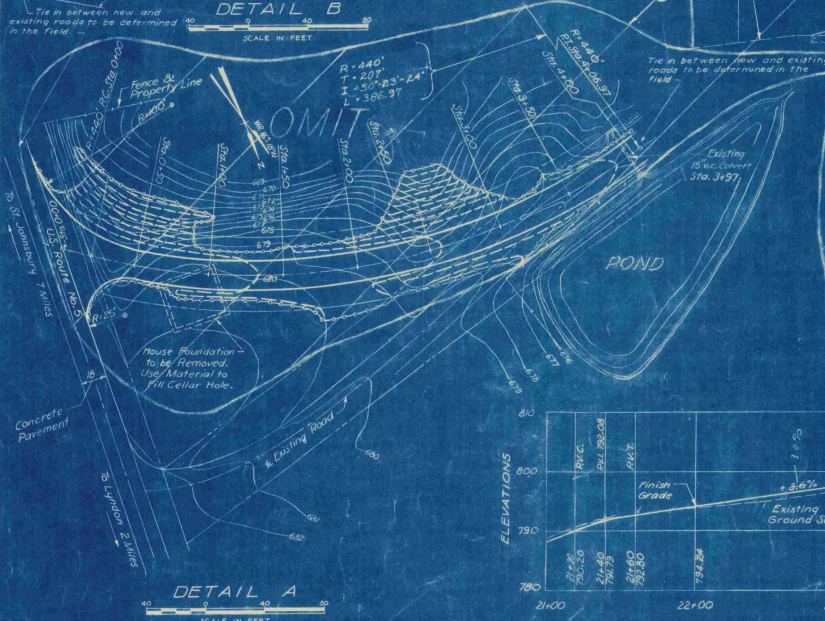
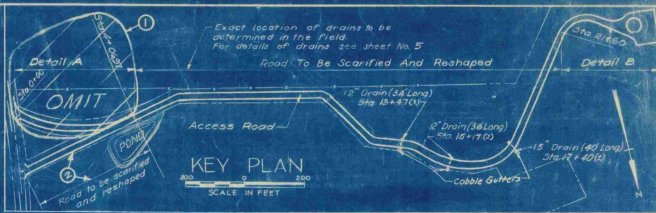
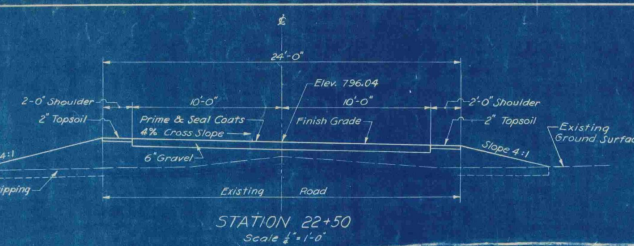
TEST PIT DATA AND DETAILS
VILLAGE OF ST. JOHNSBURY, VT.
BOARD OF VILLAGE TRUSTEES
ST. JOHNSBURY AIRPORT
TYPICAL CROSS SECTIONS
TEST PIT DATA AND DETAILS

SCALE AS NOTED SEPTEMBER 1948
FAY, SPOFFORD & THORNBIKE ENGINEERS BOSTON-NEW YORK
APPROVED BY [Signature] FILE NO. 10-5
DRAWN BY [Signature] PLAN NO. 5
CHECKED BY [Signature] DATE [Signature]
CONTRACT DRAWING 27 SHEET NO. 106 OF 11

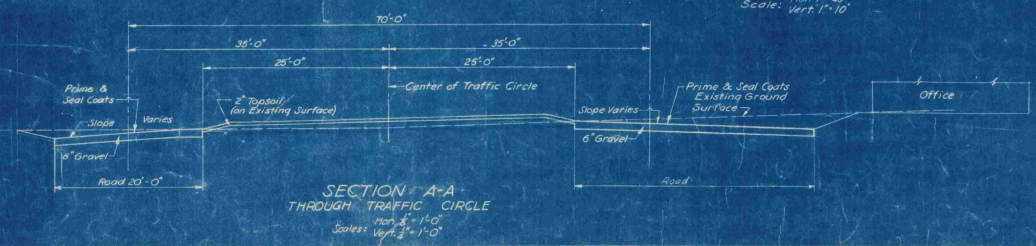
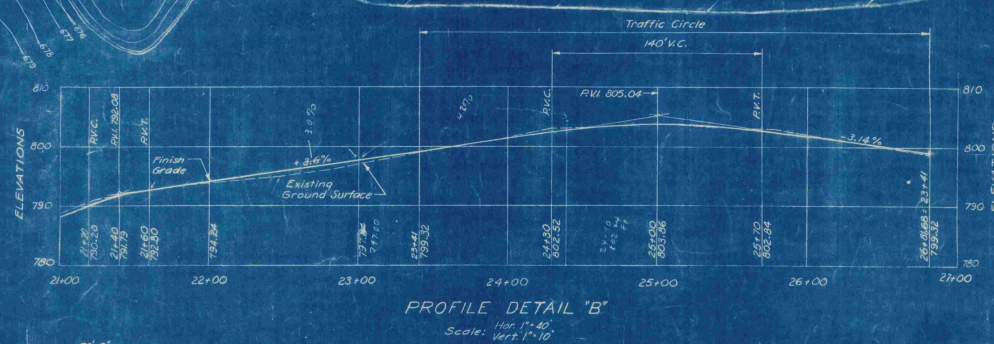
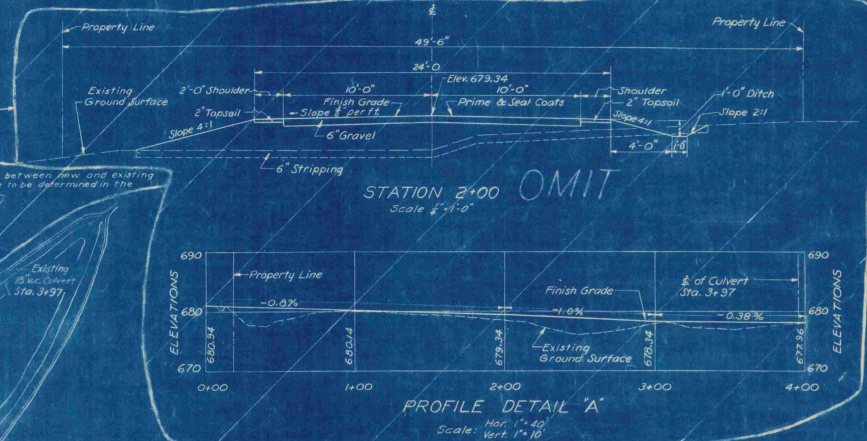
Note: The information obtained from the test pits regarding the character of the materials offered has been recorded in good faith hereon. There is no expressed or implied agreement that the names of the character of the materials, or any other information relative regarding the material, or the carrying out of the work to be done, and it is understood that the contractor is to be responsible for the cost of carrying out the work to be done may arise from the conditions which may be indicated by the data obtained from the test pits. Elevations are based on Mean Sea Level (U.S. Geological Survey).



DETAIL B
SCALE IN FEET



DETAIL A
SCALE IN FEET



REV.	DATE	DESCRIPTION	MADE BY	CHECKED BY
2	5-24	Existing road to be scarified & reshaped	E.G.D.	E.A.L.
1	5-24	Omit section of Access Road	E.G.D.	E.A.L.

REVISIONS

LEGEND FOR GRADING PLANS (DETAILS 'A' AND 'B')

Existing Contours
Proposed Contours
Limit of Grading

Elevations are based on Mean Sea Level (U.S. Geological Survey)

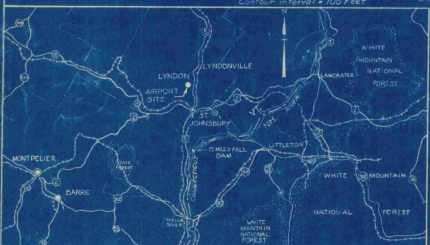
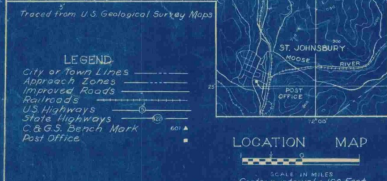
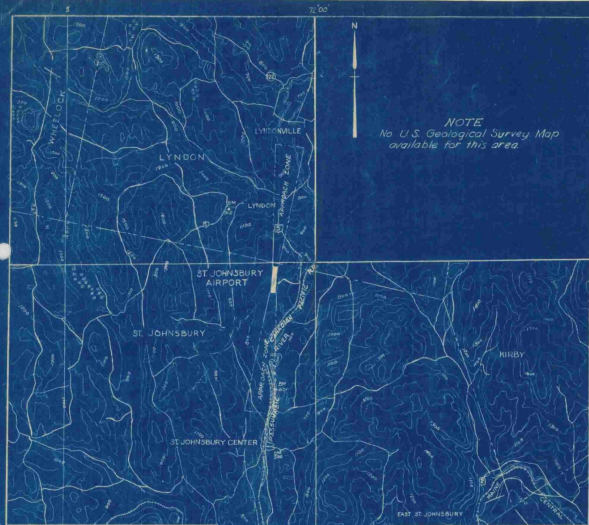
AS-BUILT DRAWING
FAY, SPOFFORD & THORNDIKE
DATE 12-5-59 BY: E.C. J. [Signature]

VILLAGE OF ST. JOHNSBURY, VT.
BOARD OF VILLAGE TRUSTEES
ST. JOHNSBURY AIRPORT

ACCESS ROAD AND DETAILS

SCALE: AS NOTED
SEPTEMBER, 1948
FAY, SPOFFORD & THORNDIKE ENGINEERS, BOSTON-NEW YORK
APPROVED: [Signature]
PROJECT: VILLAGE TRUSTEES
NO. Os-5a
DRAWN: [Signature]
PLAN NO. 13
CONTRACT DRAWING SHEET NO. 11 OF 11

D.T.M.
L.T.M.
C.J.S.
L.C.P.H.



NOTE
No U.S. Geological Survey Map
available for this area.

NOTES
Latitude 44° 24' 45"
Longitude 73° 00' 45"
(to nearest 0.01' at center
of runway layout)
Elevation 523 (Highest Point
in vicinity landing area)
Aiding distance and direction
from Town 5.5 Miles N.
Distance by Road to Post Office 6 Miles
Elevations are based on Mean Sea Level
(U.S. Geological Survey)

VILLAGE OF ST. JOHNSBERRY VERMONT

INDEX TO CONTRACT DRAWINGS

SHEET NO.	TITLE	DATE
1	TITLE SHEET	SEPTEMBER 1948
2	MASTER PLAN	SEPTEMBER 1948
3	LAYOUT PLAN	SEPTEMBER 1948
4	CLEARING PLAN	SEPTEMBER 1948
5	GRADING AND DRAINAGE, GRADING DISTRIBUTION, SEEDING PLANS AND DETAILS	SEPTEMBER 1948
6	S-N LANDING STRIP - PLAN AND PROFILE	SEPTEMBER 1948
7	S-N LANDING STRIP - CROSS SECTIONS STA. 10+00 TO STA. 22+00	SEPTEMBER 1948
8	S-N LANDING STRIP - CROSS SECTIONS STA. 23+00 TO STA. 30+00	SEPTEMBER 1948
9	S-N LANDING STRIP CROSS SECTIONS - SAFETY ZONE STA. 31+00 TO STA. 34+00	SEPTEMBER 1948
10	TYPICAL CROSS SECTIONS, TEST PIT DATA AND DETAILS	SEPTEMBER 1948
11	ACCESS ROAD AND DETAILS	SEPTEMBER 1948
INFORMATION DRAWINGS (NOT PART OF CONTRACT DRAWINGS)		
	PLAN TO ACCOMPANY SPONSOR'S ASSURANCE AGREEMENT	SEPTEMBER 1948
	OBSTRUCTION PLAN	SEPTEMBER 1948

ESTIMATED QUANTITIES OF MAJOR ITEMS

ITEM	QUANTITY
CLEARING, CLEARING AND GRUBBING	13.3 ACRES
COMMON AND BORROW EXCAVATION	35,000 CU. YDS.
SCARIFYING AND RESHAPING ROAD	2910 SQ. YDS.
BITUMINOUS MATERIAL FOR SURFACE TREATMENT - ROAD	6700 GALS.
TOPSOIL	4100 CU. YDS.
SEEDING	10.4 ACRES
REPAIRS TO EXISTING LANDING STRIP SURFACE	5000 SQ. YDS.

CONSTRUCTION PLANS

FOR

ST. JOHNSBURY AIRPORT

LANDING STRIP AND ACCESS ROAD IMPROVEMENTS

SEPTEMBER, 1948

CIVIL AERONAUTICS ADMINISTRATION

APPROVED _____ DIRECTOR
DATE _____ AIRPORT ENGINEERING SERVICE

APPROVED _____ SUPERINTENDENT
DATE _____ AIRPORTS BRANCH

APPROVED _____ DISTRICT AIRPORT ENGINEER
DATE _____

VERMONT AERONAUTICS COMMISSION

APPROVED *[Signature]* CHAIRMAN
DATE *Sept 25, 1948*

APPROVED *[Signature]* DIRECTOR
DATE *Sept 23, 1948*

APPROVED _____ ENGINEER
DATE _____

ST. JOHNSBURY

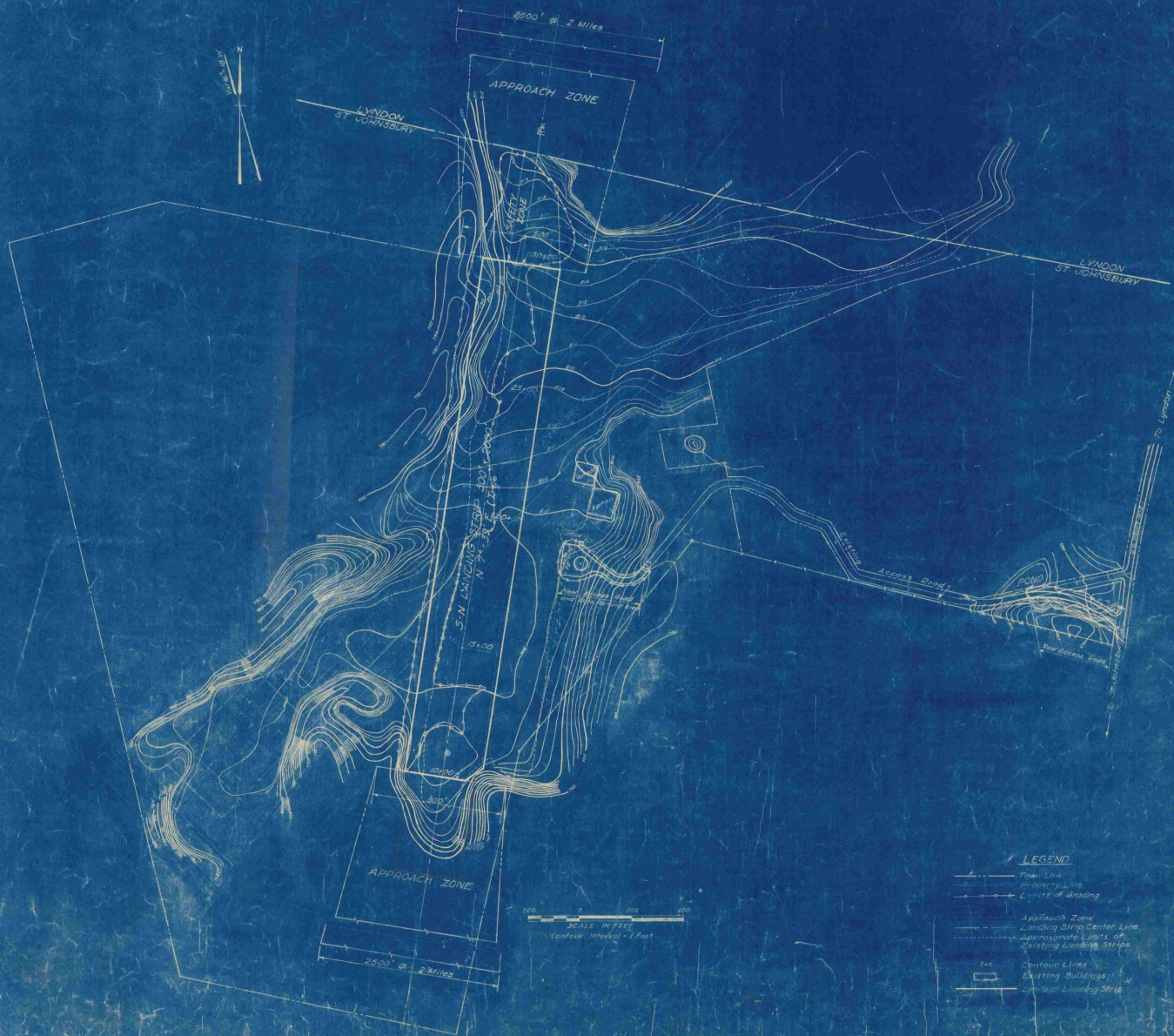
APPROVED *Floyd Miller* CHAIRMAN
DATE *9/23/48*
BOARD OF VILLAGE TRUSTEES

PREPARED BY

FAY, SPOFFORD & THORNDIKE ENGINEERS
BOSTON - NEW YORK

APPROVED *[Signature]* PARTNER IN CHARGE
DATE *Sept 21, 1948*

APPROVED *[Signature]* AIRPORT ENGINEER
DATE *Sept 21, 1948*



- LEGEND**
- Flight Line
 - Proposed Line
 - Limits of Grading
 - Approach Zone
 - Landing Strip Center Line
 - Approximate Limits of Existing Landing Strips
 - Contour Lines
 - ▭ Existing Buildings
 - Limits of Landing Strip

Notes:
 Elevations are based on Mean Sea Level (U.S. Geological Survey).
 No official information as to wind directions or intensities.

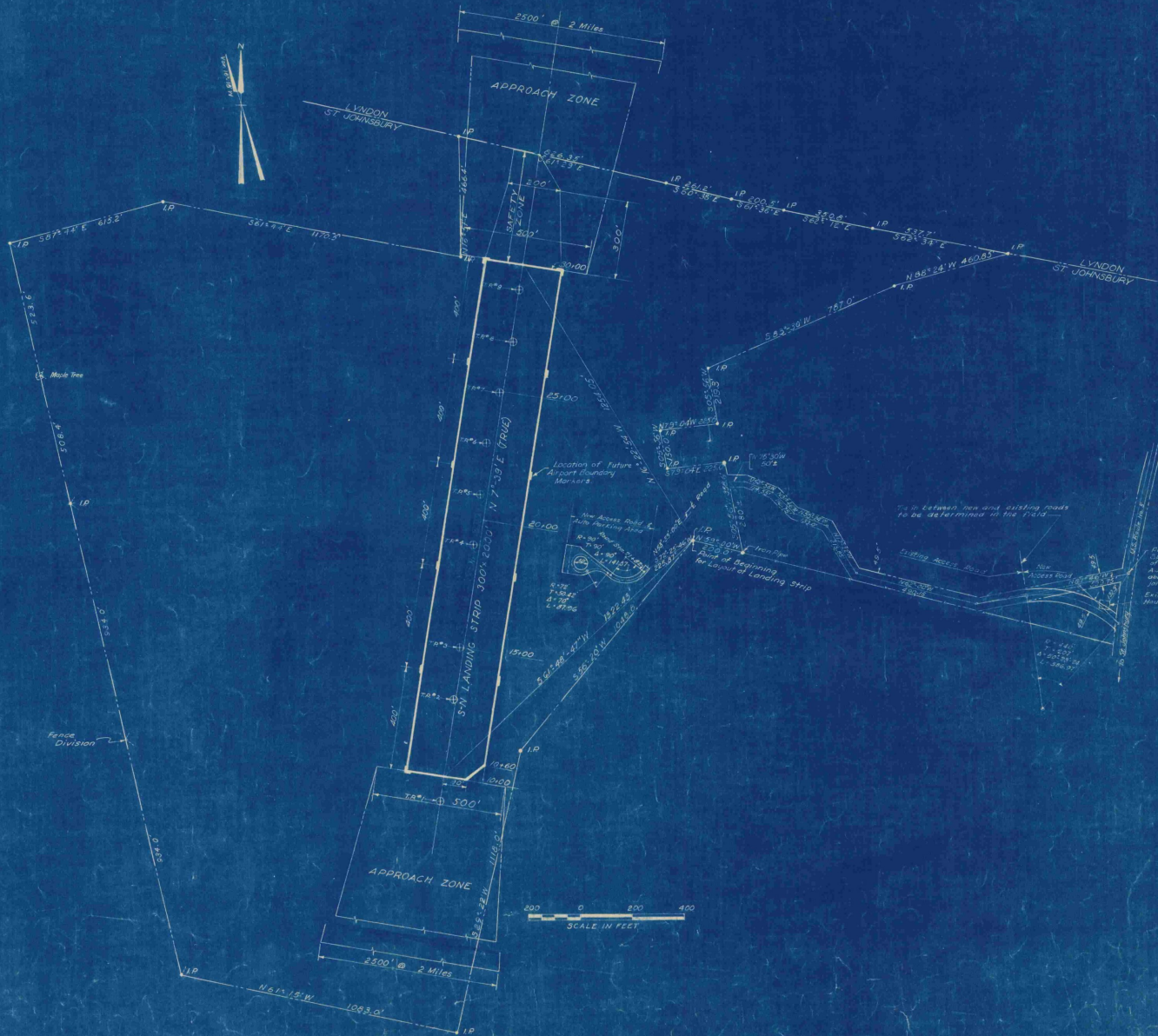
VILLAGE OF ST. JOHNSBURY, VT.
 BOARD OF VILLAGE TRUSTEES

ST. JOHNSBURY AIRPORT
CONTRACT DRAWING

SCALE: AS SHOWN SEPTEMBER 1948

FAY, SPENCER & BROWNIDGE ENGINEERS, BOSTON-NEW YORK

PROJECT NO. 1000 TITLE
 CONTRACT NO. 1000 NO. 05-5a
 SHEET NO. 2 OF 11



- LEGEND**
- Town Line
 - Property Lines
 - Existing Fences
 - ⊕ T.R.P. Test Pit
 - Approach Zone
 - I.P. Iron Pipe
 - Limits of Landing Strip

Note: Bearings shown are Magnetic unless otherwise noted.

VILLAGE OF ST. JOHNSBURY, VT.
BOARD OF VIL. TRUSTEES

ST. JOHNSBURY, VT.

ORIGINAL CONTRACT DRAWING

SCALE AS SHOWN SEPTEMBER 1949

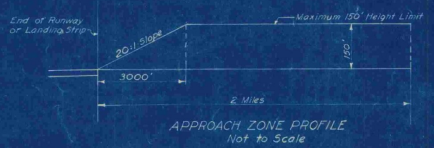
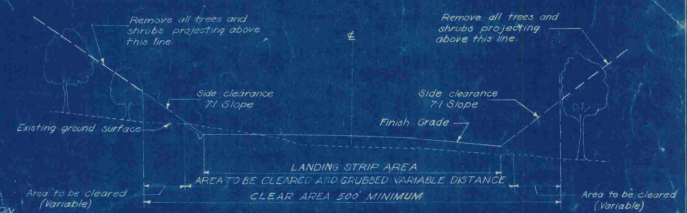
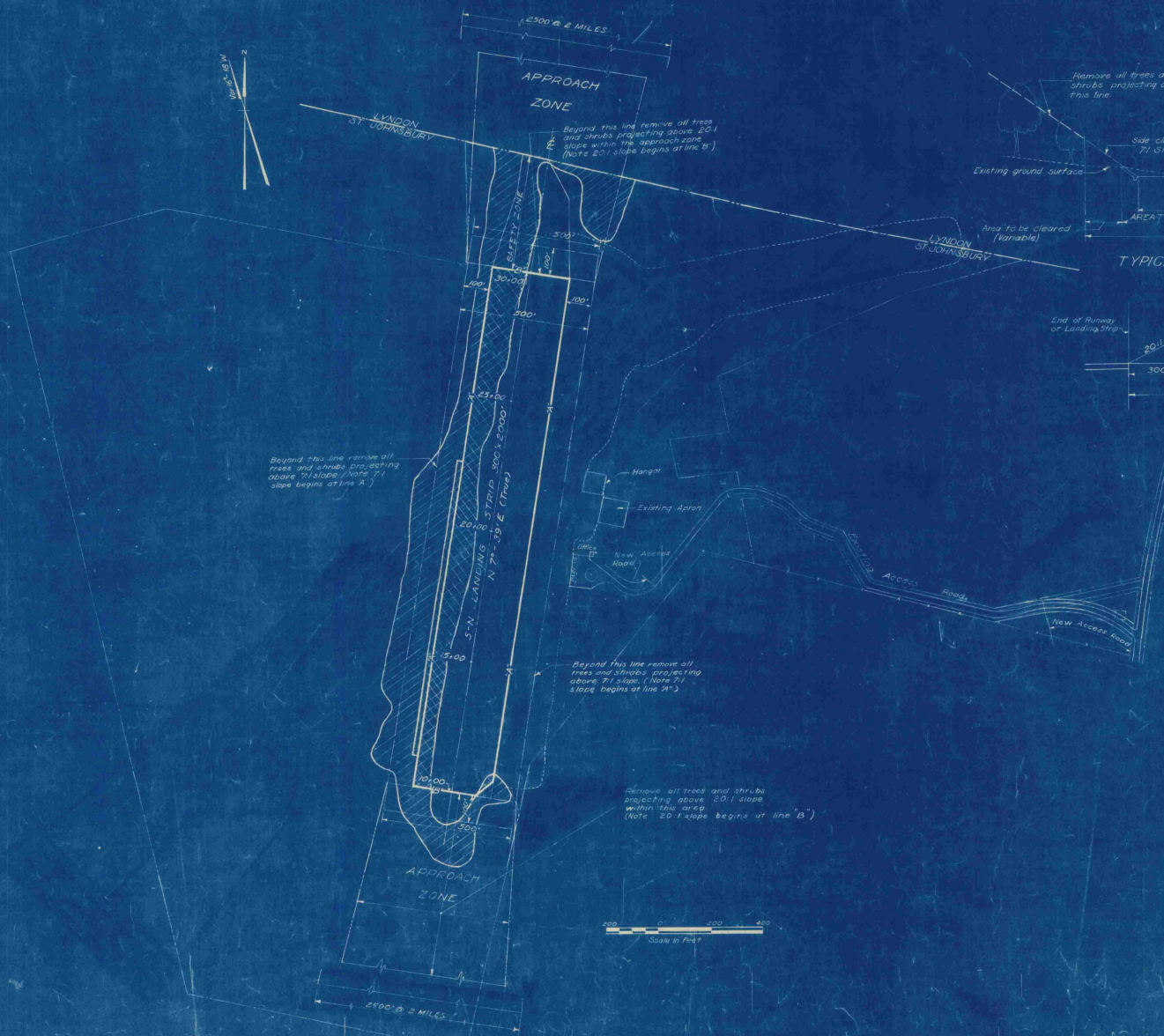
FAY, SPENCER & BURNHAM ENGINEERS, BOSTON-NEW YORK

Contract No. 100-59

PLANNING

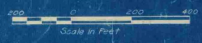
CONTRACT DRAWING SHEET No. 5 OF 11

33 O.P.W.
3 G.R.
3 D.R.
3 E.S.



- LEGEND**
- Town Line
 - Property Line
 - - - Existing Fences
 - ▨ Area to be Cleared
 - ▧ Area to be Cleared and Grubbed
 - ▩ Approach Zone
 - ▭ Existing Buildings
 - - - Approximate Limits of Existing Landing Strip
 - Limits of Landing Strip

Note:
Areas shown to be cleared are approximate only and exact limits to be located by the engineer.



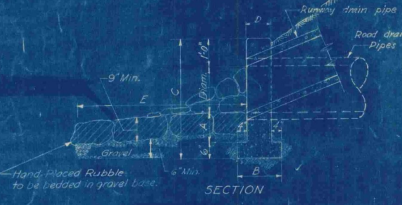
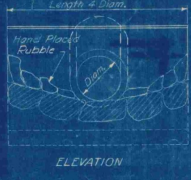
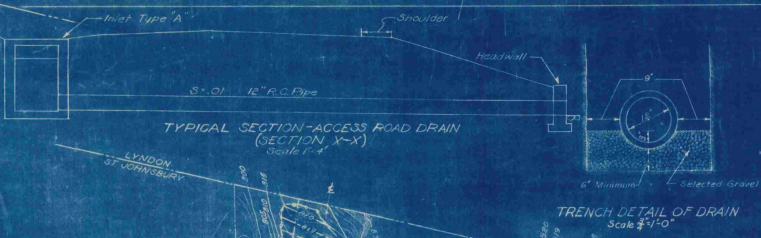
ORIGINAL CONTRACT DRAWING

CONTRACT DRAWING

VILLAGE OF ST. JOHNSBURY VT.
BOARD OF VILLAGE TRUSTEES
ST. JOHNSBURY AIRPORT
CONTRACT DRAWING

SCALE: AS SHOWN SEPTEMBER 1955
FAY, SPENCER & THORNDIKE ENGINEERS, BOSTON, NEW YORK
FILE NO. Os-5a
PLAN NO. 4
SHEET NO. 4 OF 11

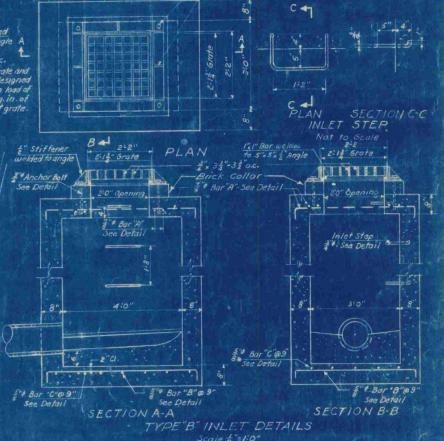
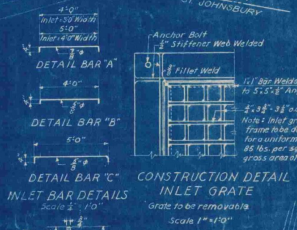
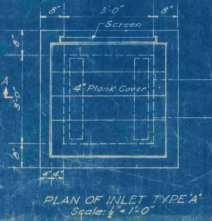
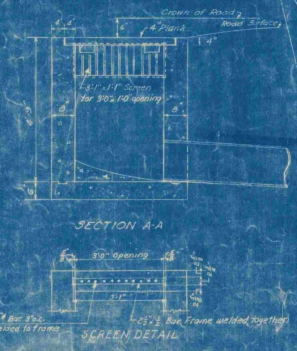
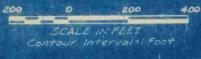
WPK
J.P.D.
J.P.D.



HEADWALL DETAILS
Not to Scale

HEADWALL SCHEDULE

Diam of Pipe	Cy Conc. headwall	A	B	C	D	E
12"	0.40	6"	7 1/2"	3 1/2"	10"	6' 6"
15"	0.52	7"	7 1/2"	3 1/2"	10"	8' 0"



- LEGEND**
- Runway Center Line
 - Town Line
 - Property Lines
 - Contour Lines (Existing)
 - Proposed Contour Lines
 - Existing Building
 - Stream
 - Limits of Grading
 - Drainage Ditch

Notes: Approximate Limits of Existing Elevations are based on Mean Sea Level (US Geological Survey)

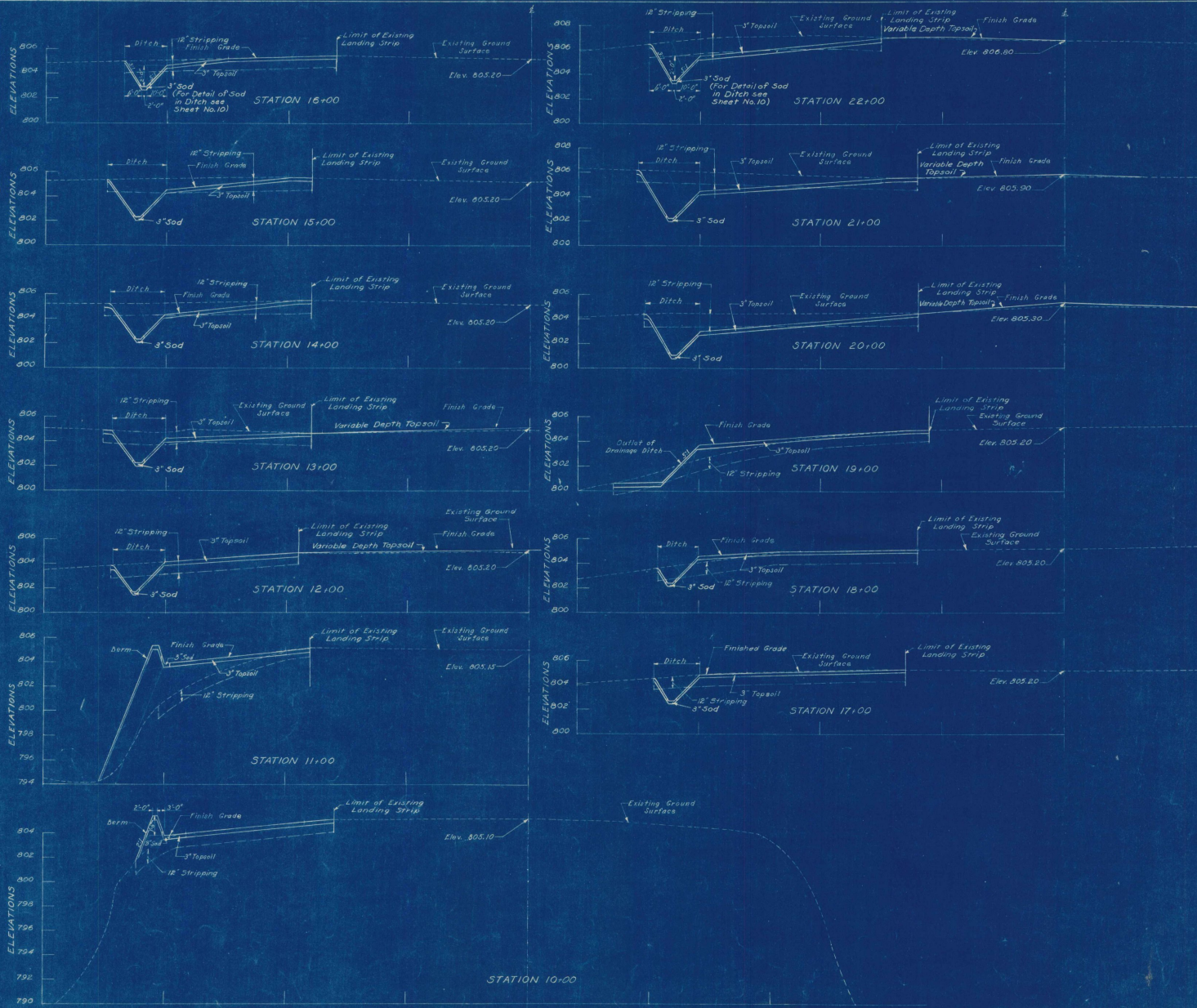
VILLAGE OF ST. JOHNSBURY, VT.
BOARD OF VILLAGE OFFICERS
ST. JOHNSBURY, VT.

**GRADING AND DRAINAGE;
GRADING DISTRIBUTION AND
SEEDING PLANS AND DETAILS**

SCALE: AS NOTED
SEPTEMBER, 1946

RAY, SPENCER & THORNDIKE, ENGINEERS, BOSTON, NEW YORK

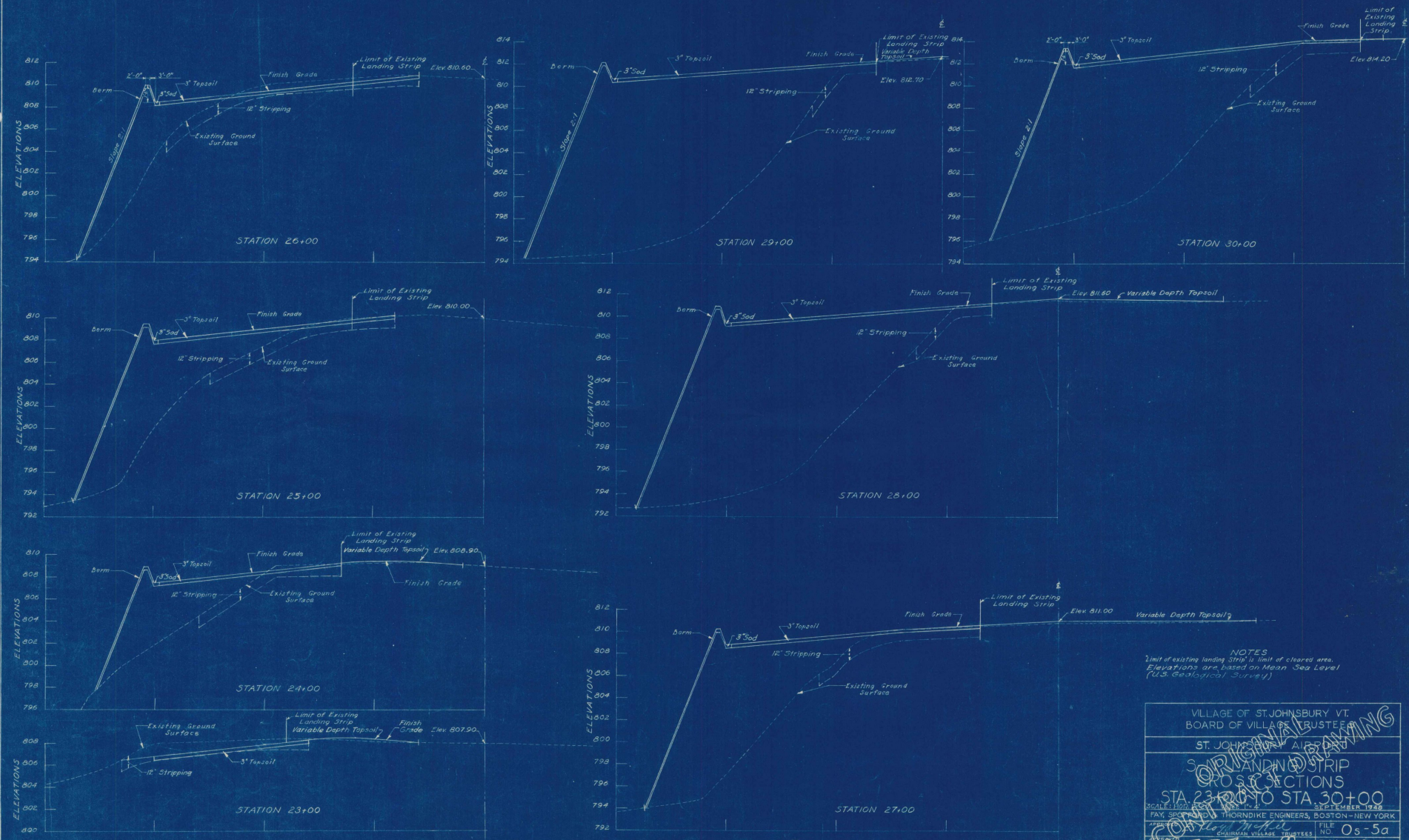
CONTRACT DRAWING SHEET NO. 5 OF 11



NOTES
 "Limit of Existing Landing Strip" is Limit of Cleared Area
 Elevations are based on Mean Sea Level
 (U.S. Geological Survey)

VILLAGE OF ST. JOHNSBURY, VT. BOARD OF VILLAGE TRUSTEES	
ST. JOHNSBURY AIRPORT	
SURVEILLANCE DRAWING	
LANDING STRIP CROSS SECTIONS	
STA. 10+00 TO STA. 22+00	
SCALE: HORIZ. 1" = 40'	VERT. 1" = 4'
DATE: 10/20/48	FILE NO. 05-5a
DESIGNED BY: THORNDIRE ENGINEERS, BOSTON-NEW YORK	NO. 17
APPROVED BY: CHAIRMAN, VILLAGE TRUSTEES	PLAN NO. 17

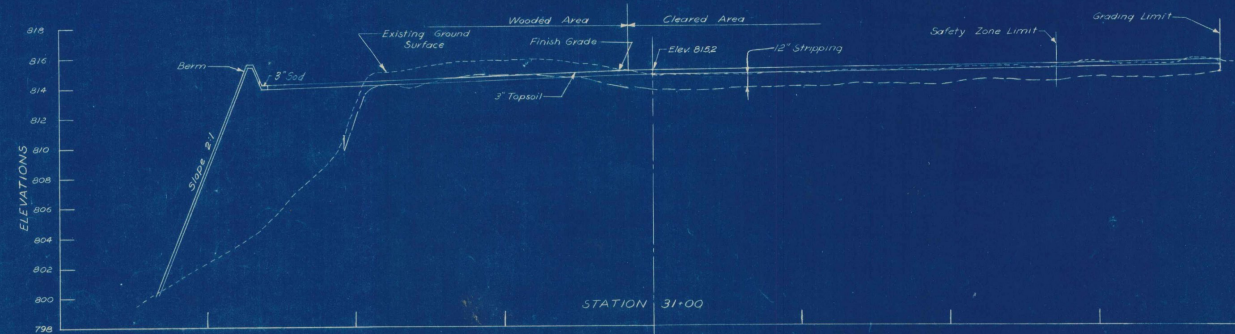
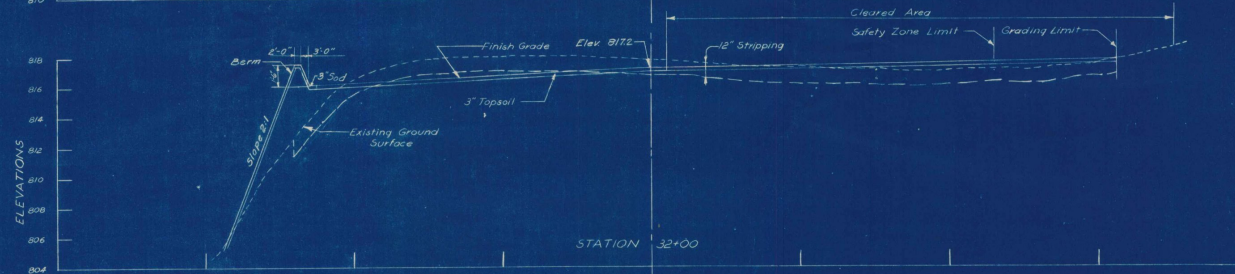
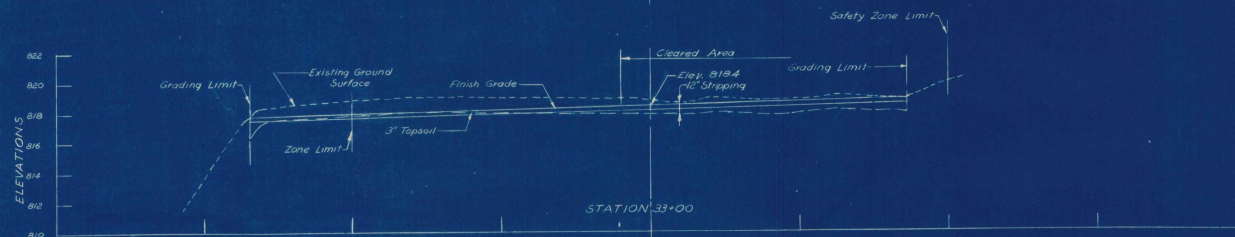
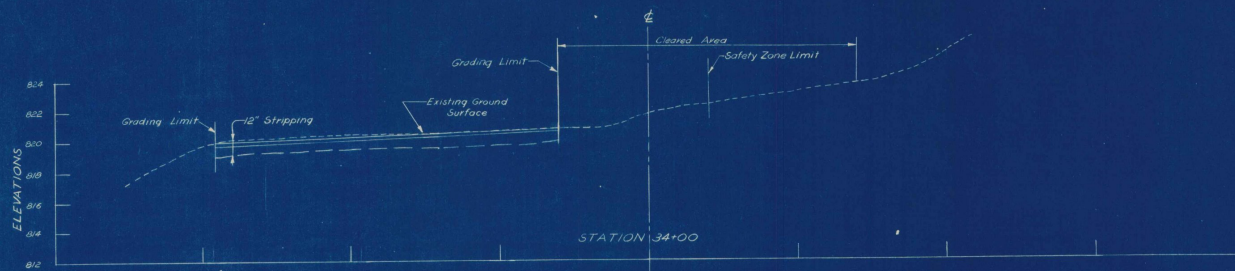
SH. H.S.S.
 R. H.S.S.
 H. C.S.A.
 H.K. L.T.M.



NOTES
 Limit of existing landing strip is limit of cleared area.
 Elevations are based on Mean Sea Level
 (U.S. Geological Survey)

VILLAGE OF ST. JOHNSBURY VT. BOARD OF VILLAGE TRUSTEES	
ST. JOHNSBURY, VT.	
ST. JOHNSBURY AIRPORT LANDING STRIP PROJECTIONS STA. 23+00 TO STA. 30+00	
SCALE: 1" = 20'	DATE: SEPTEMBER 1928
FAY, SPENCER & THORNDIKE ENGINEERS, BOSTON - NEW YORK	
DESIGNED BY: <i>W. H. H. H.</i>	FILE NO. 05-5a
CHECKED BY: <i>W. H. H. H.</i>	PLAN NO. 18
CONTRACT DRAWING SHEET NO. 3 OF (11)	

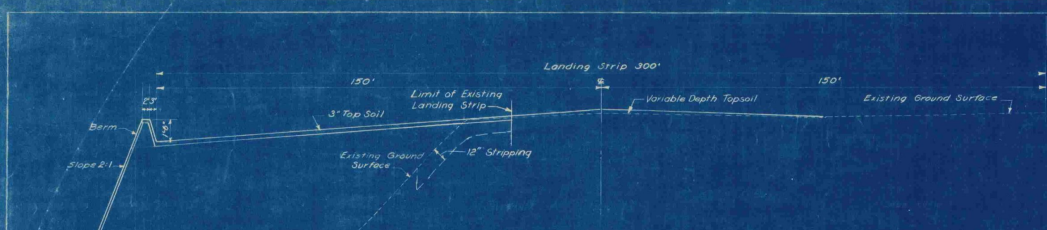
S. M.P.S.
 R. M.P.E.
 D. S.E.D.
 K. I.T.A.



Note:
Elevations are based on Mean Sea Level
(U.S. Geological Survey)

VILLAGE OF ST. JOHNSBURY, VT BOARD OF VILLAGE TRUSTEES	
ST. JOHNSBURY AIRPORT	
S-10 LANDING STRIP	
CROSS SECTIONS - SAFETY ZONE	
STA 31+00 TO STA 34+00	
SCALE: HORIZONTAL 1" = 40'	SEPTEMBER 1948
FAY SPENCER AND THORNDIKE ENGINEERS, BOSTON, NEW YORK	
DRAWN BY: <i>Wm. M. ...</i> CHECKED BY: <i>Wm. M. ...</i> IN CHARGE: <i>Wm. M. ...</i>	FILE NO. 0s-5a PLAN NO. 19

SCALE
LBT
LBT
LBT



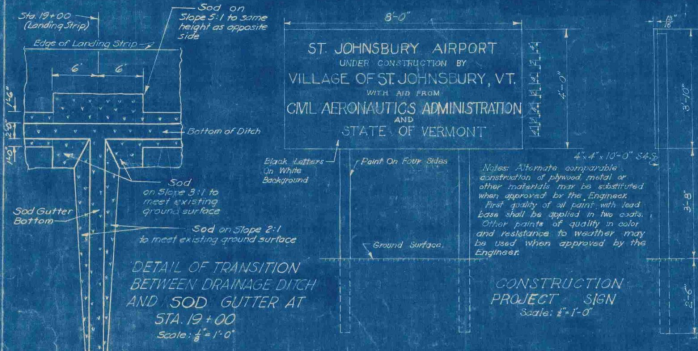
S-N LANDING STRIP CROSS SECTION - STA. 28+00

Scale: Hor. 1"=20' Vert. 1"=4'



S-N LANDING STRIP CROSS SECTION - STA. 21+00

Scale: Hor. 1"=20' Vert. 1"=4'



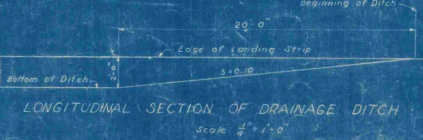
DETAIL OF TRANSITION BETWEEN DRAINAGE DITCH AND SOD GUTTER AT STA. 19+00

Scale: 1/2"=1'-0"



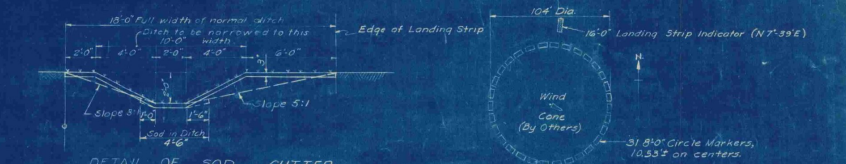
DETAIL OF SOD GUTTER SECTION B-B

Scale: 1/2"=1'-0"



LONGITUDINAL SECTION OF DRAINAGE DITCH

Scale: 1/2"=1'-0"



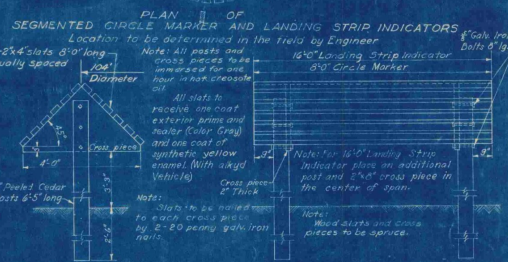
DETAIL OF SOD GUTTER

Scale: 1/2"=1'-0"



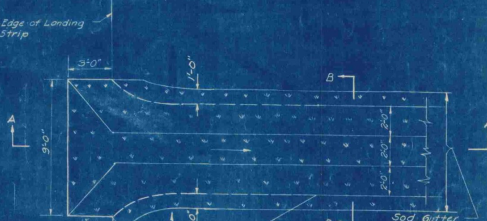
DETAIL OF TRANSITION BETWEEN DRAINAGE DITCH AND SOD GUTTER AT STA. 11+30

Scale: 1/2"=1'-0"



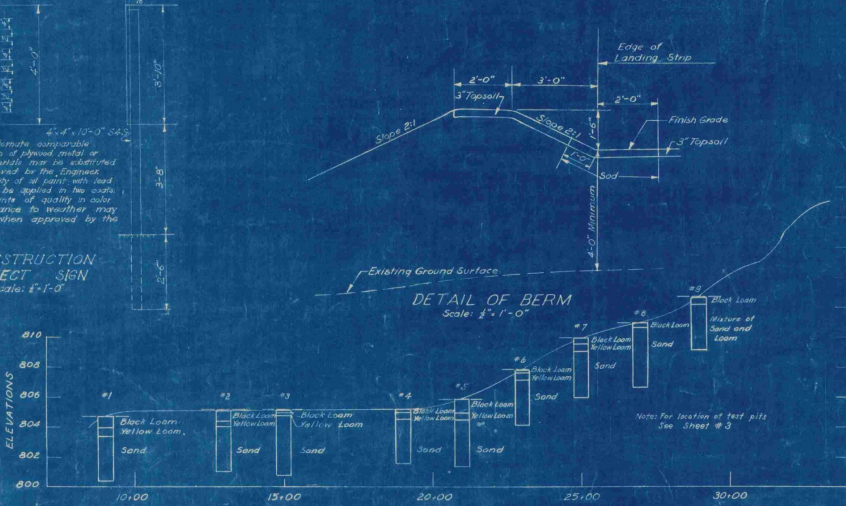
END ELEVATION CIRCLE MARKER DETAILS

Scale: 1/2"=1'-0"



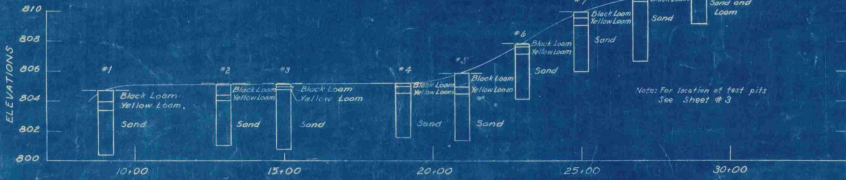
PLAN OF SOD APRON AND GUTTER AT STA. 23+00

Scale: 1/2"=1'-0"



DETAIL OF BERM

Scale: 1/2"=1'-0"



TEST PIT DATA

Scale: Hor. 1"=20' Vert. 1"=4'

Legend: --- Finish Grade



LANDING STRIP MARKER DETAILS

Scale: 1/2"=1'-0"

Note: The information obtained from the test pits regarding the character of the material encountered has been recorded in great detail. There is no expressed or implied agreement that the depth or the character of the material, or any other information or data, in grading the material, can be relied upon to indicate the material to be encountered in the carrying out of the work to be done, and it is understood that conditions affecting the cost or quantity of the work to be done may differ from the conditions which may be indicated by the data obtained from the test pits. Elevations are based on Mean Sea Level (U.S. Geological Survey).

VILLAGE OF ST. JOHNSBURY, VT.
BOARD OF VILLAGE TRUSTEES

ST. JOHNSBURY AIRPORT

CONSTRUCTION DRAWING

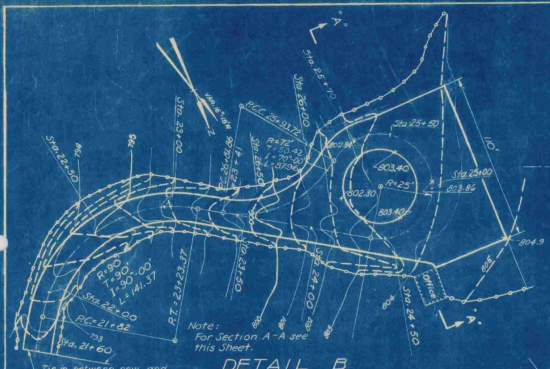
TYPOGRAPHIC CROSS SECTIONS
TEST PIT DATA AND DETAILS

SCALE: AS SHOWN SEPTEMBER 1948

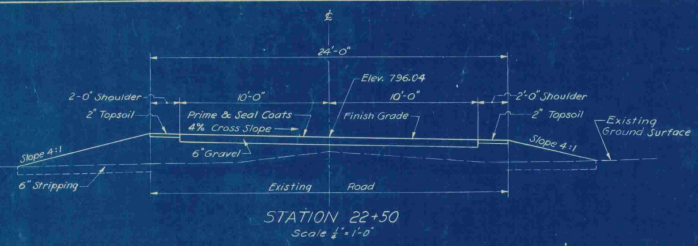
FAY, SEXTON & MORRIS ENGINEERS, BOSTON-NEW YORK

CONTRACT NO. 10-5-a

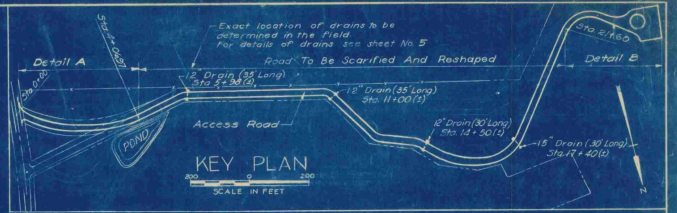
PLAN NO. 5



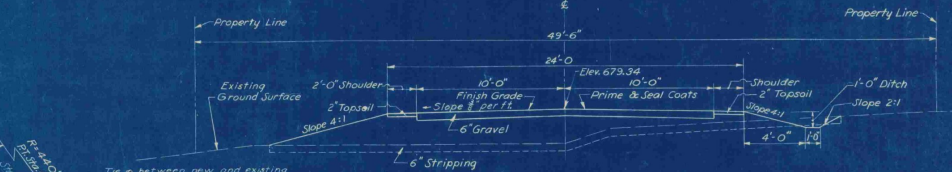
DETAIL B
SCALE IN FEET



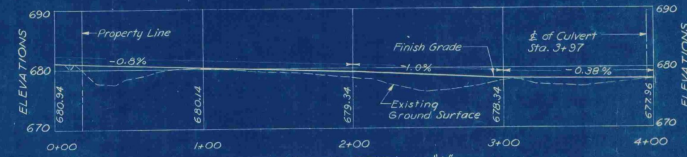
STATION 22+50
Scale: 1/2" = 1'-0"



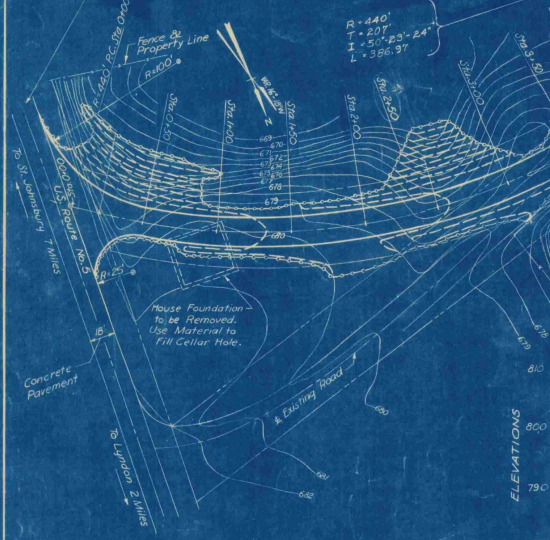
KEY PLAN
SCALE IN FEET



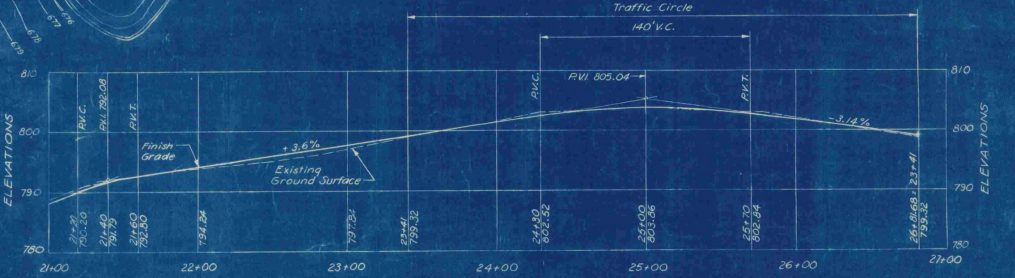
STATION 2+00
Scale: 1/2" = 1'-0"



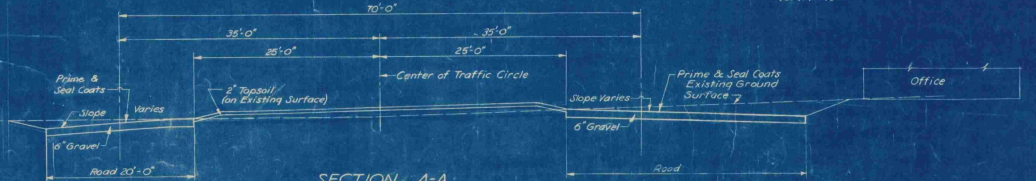
PROFILE DETAIL "A"
Hor: 1" = 40'
Vert: 1" = 10'



DETAIL A
SCALE IN FEET



PROFILE DETAIL "B"
Hor: 1" = 40'
Vert: 1" = 10'

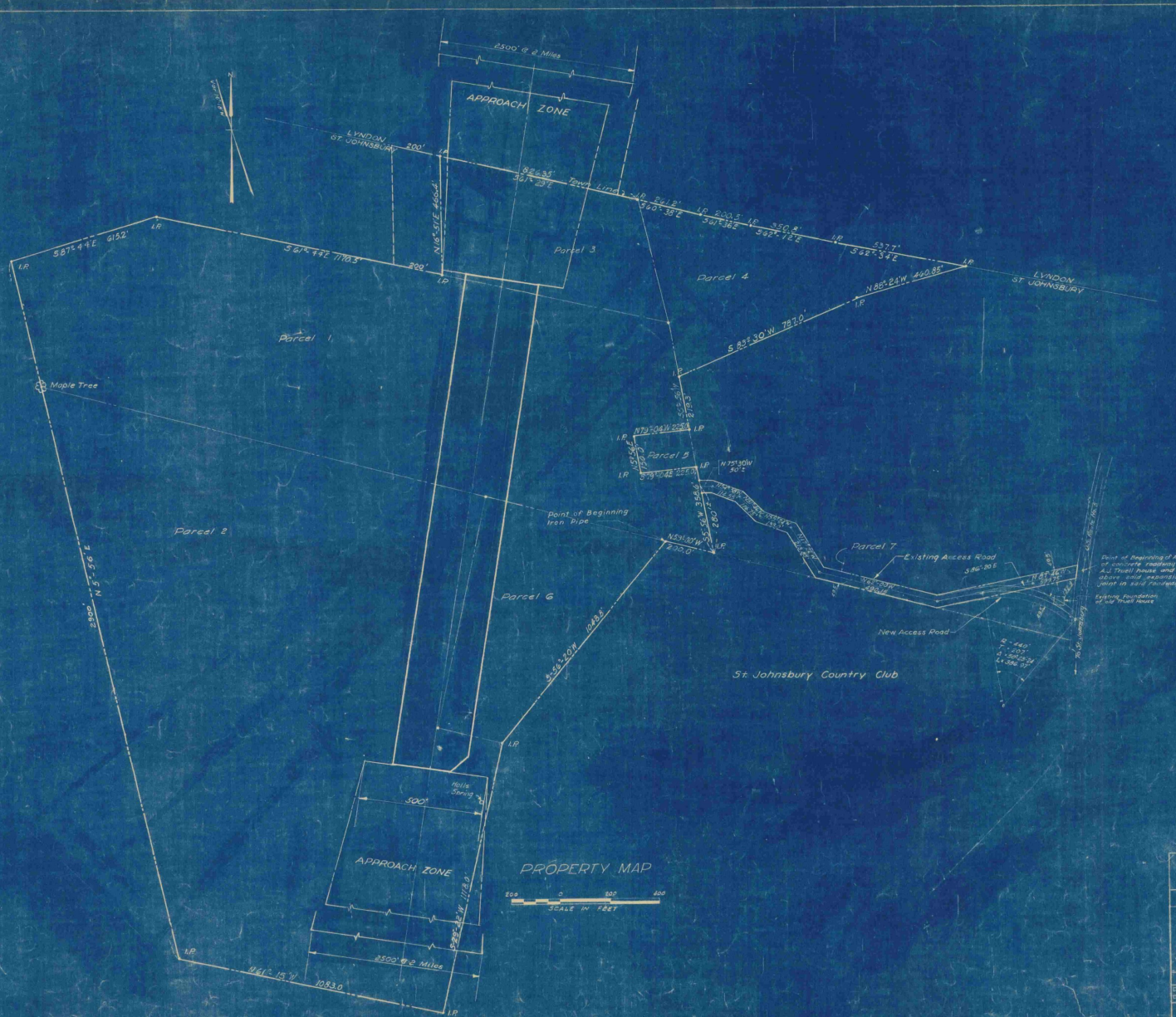


SECTION A-A THROUGH TRAFFIC CIRCLE
Hor: 1/4" = 1'-0"
Vert: 1/2" = 1'-0"

LEGEND FOR GRADING PLANS (DETAILS "A" AND "B")
 --- Existing Contours
 --- Proposed Contours
 --- Limit of Grading

Elevations are based on Mean Sea Level (U.S. Geological Survey)

VILLAGE OF ST. JOHNSBURY, VT.
BOARD OF VILLAGE TRUSTEES
ST. JOHNSBURY, VT.
ACCEPTED ROAD AND DETAILS
SCALE: AS SHOWN SEPTEMBER, 1948
FAY, SPENCER & THORNDIKE, ENGINEERS, BOSTON-NEW YORK
PROJECT: ST. JOHNSBURY, VT. FILE NO. Os-5a
DRAWN BY: [Name] CHECKED BY: [Name] PLAN NO. 13
CONTRACT DRAWING SHEET NO. 11 OF 11



LEGEND

- Limits of Village Property
- Center Line of Landing Strip
- Limits of Landing Strip
- Limits of Approach Zone
- I.P.- Iron Pipe

Notes:
 Bearings shown are Magnetic unless otherwise noted.
 Names shown on Plan are present or former unless information shown on this Plan pertaining to existing property lines is from sale furnished by Village of St. Johnsbury, Vt.

EXHIBIT A

VILLAGE OF ST. JOHNSBURY, VT. BOARD OF VILLAGE TRUSTEES	
ST. JOHNSBURY AIRPORT	
PLAN TO ACCOMPANY SPONSOR'S ASSURANCE AGREEMENT	
SEPTEMBER 1948	
FAY SPENCER & THORNDIKE ENGINEERS, BOSTON, NEW YORK	
DR. D.F.M. APPROVED: <i>[Signature]</i>	IN CHARGE: D.F.M. FILE NO. 05-5a PLAN NO. 11