

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

VILLAGE OF ST. JOHNSBURY VERMONT

INDEX TO CONTRACT DRAWINGS

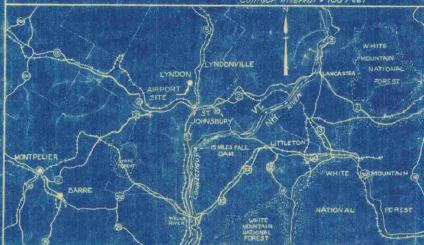
SHEET NO.	TITLE	DATE
1	TITLE SHEET	SEPTEMBER 1948
2	MASTER PLAN	SEPTEMBER 1948
3	LAYOUT PLAN	SEPTEMBER 1948
4	CLEARING PLAN	SEPTEMBER 1948
5	GRADING AND DRAINAGE, GRADING DISTRIBUTION, SEEDING PLANS AND DETAILS	SEPTEMBER 1948
6	S-N LANDING STRIP—PLAN AND PROFILE	SEPTEMBER 1948
7	S-N LANDING STRIP—CROSS 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

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



NOTES
Latitude 44° 29' 48"
Longitude 73° 00' 15"
Benchmark 100.0' at center
of runway (approx.)
Elevation 83.3 (Highest point
in usable landing area)
Mile distance and direction
from Rohn 55 Miles N.
Distance by Road to Post Office 6 Miles
Elevations are based on Mean Sea Level
(U.S. Geological Survey)



INFORMATION DRAWINGS (NOT PART OF CONTRACT DRAWINGS)
PLAN TO ACCOMPANY SPONSOR'S ASSURANCE AGREEMENT
OBSTRUCTION PLAN

CONSTRUCTION PLANS

FOR ST. JOHNSBURY AIRPORT

LANDING STRIP AND ACCESS ROAD IMPROVEMENTS

SEPTEMBER, 1948

AS-BUILT DRAWING
FAY, SPOFFORD & THORNDIKE
DATE 10-6-48 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

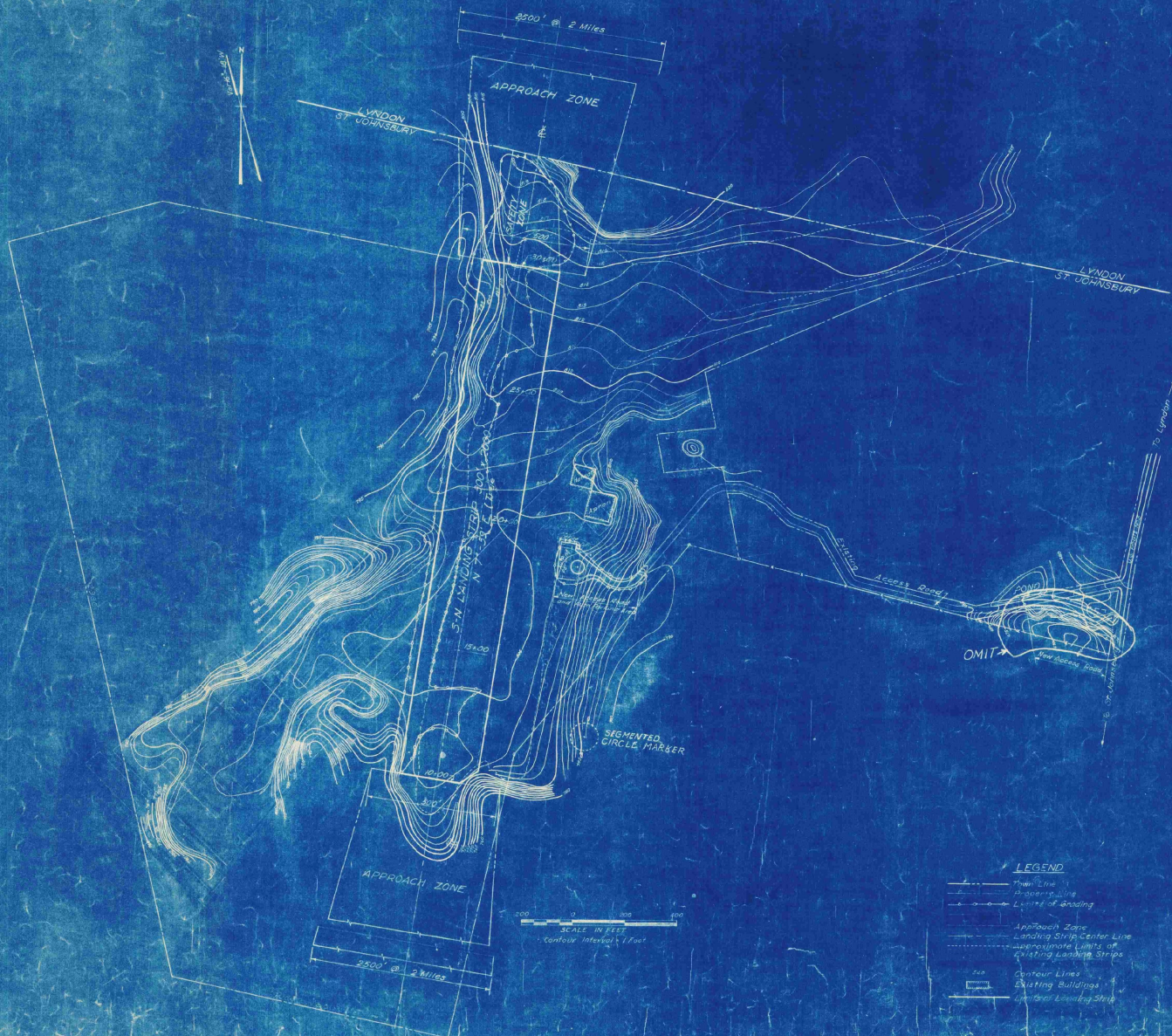
APPROVED *[Signature]* CHAIRMAN
DATE *9/23/48* BOARD OF VILLAGE TRUSTEES

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*



AS-BUILT DRAWING

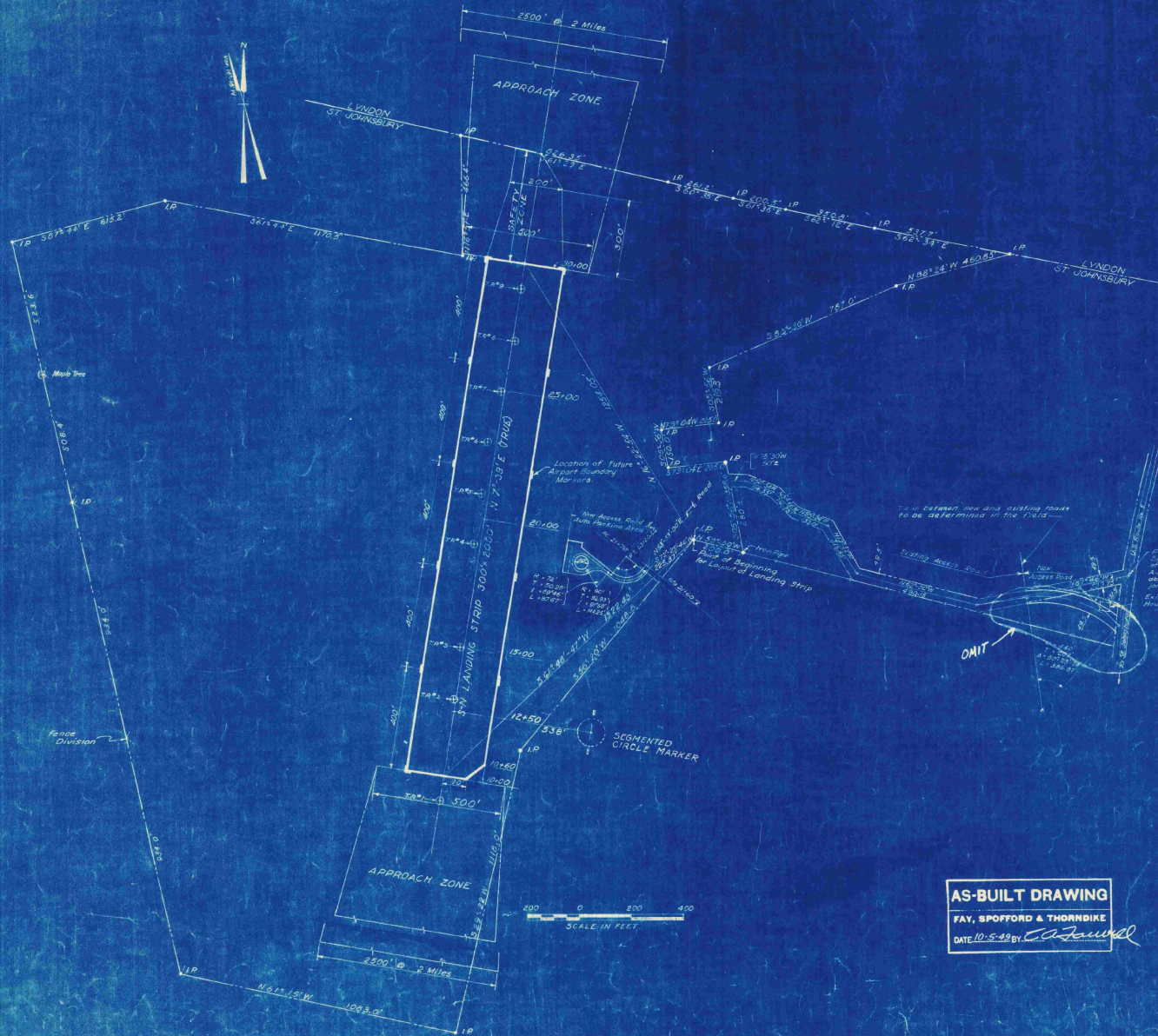
FAY, SPOFFORD & THORNDIKE

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

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

- LEGEND**
- Thin Line
 - Property Line
 - Limits of Grading
 - Approach Zone
 - Landing Strip Center Line
 - Approximate Limits of Existing Landing Strips
 - Contour Lines
 - Existing Buildings
 - Unimproved Landing Strip

VILLAGE OF ST. JOHN SBURY, VT.	
BOARD OF VILLAGE TRUSTEES	
ST. JOHN SBURY AIRPORT	
MASTER PLAN	
SCALE: AS SHOWN	SEPTEMBER 1948
FAY, SPOFFORD & THORNDIKE ENGINEERS, BOSTON-NEW YORK	
<i>[Signature]</i>	NO. 053a
PROJECT NO. 2	
CONTRACT DRAWING	SHEET NO. 2 OF 11



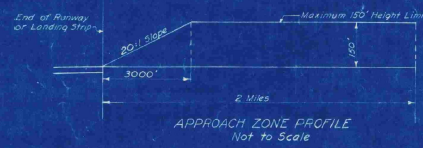
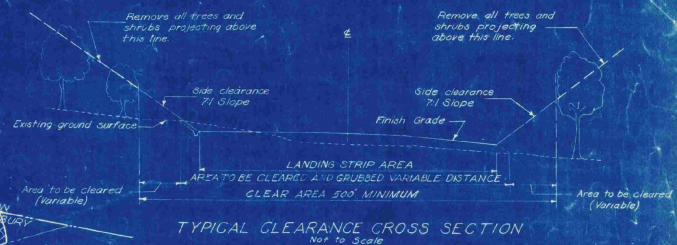
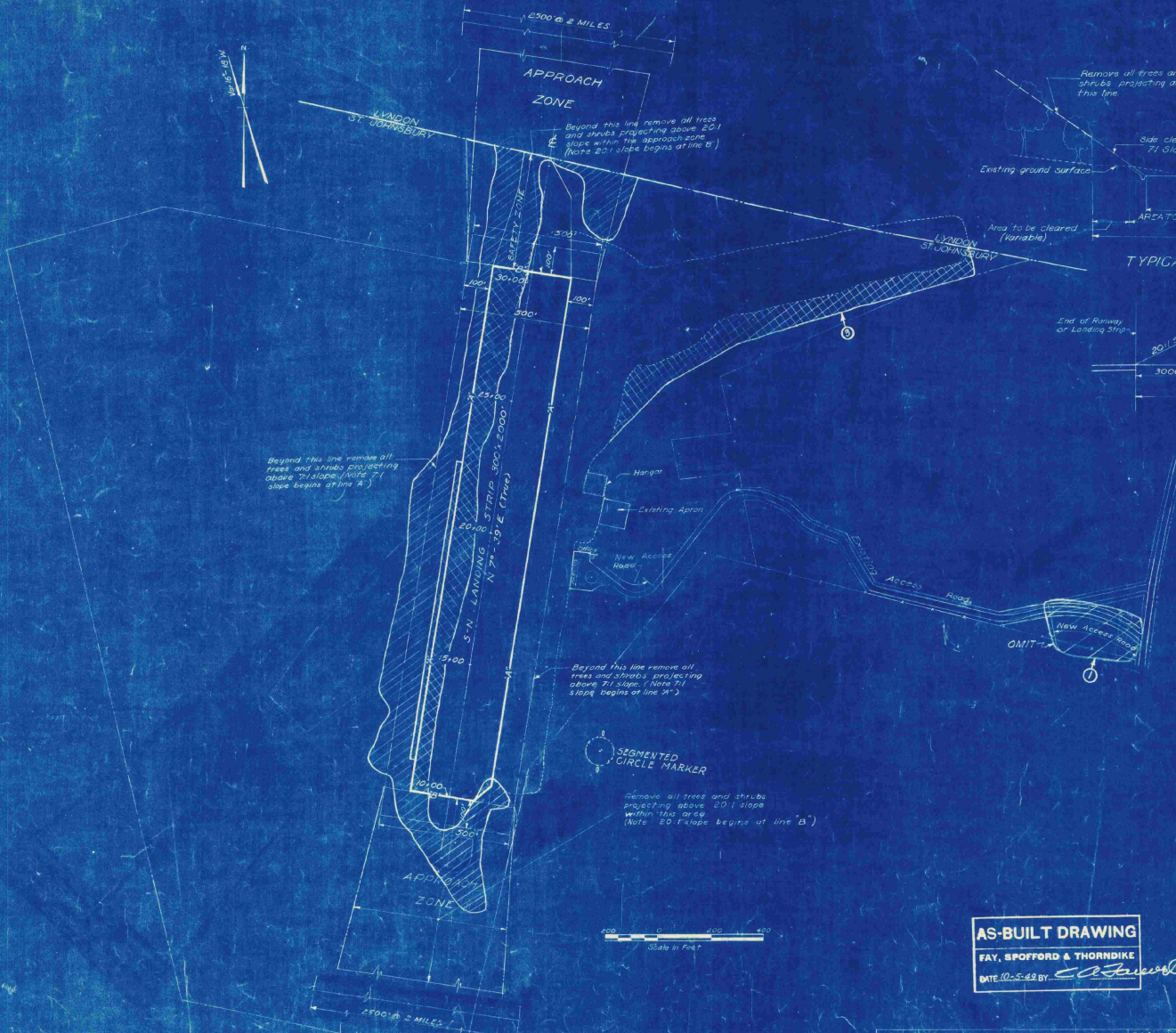
Point of Beginning of Access Road:
 Oaks, iron pin & excavation joint
 or concrete marker, 87.5' N of old
 All Trail house and 30' N of 1/2" from intersection of
 road, 100' N of road, and a transverse section
 joint in said roadway.

- LEGEND**
- Town Lines
 - Property Lines
 - Existing Fences
 - ⊕ I.P.M. Test Pit
 - Approach Zone
 - I.P. 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. Saward*

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: <i>F. E. Spofford</i>	FILE NO. Os-5a
APPROVED: <i>C. A. Saward</i>	PLAN NO. 3
CONTRACT DRAWING SHEET No. 3 OF 11	



- 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.

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

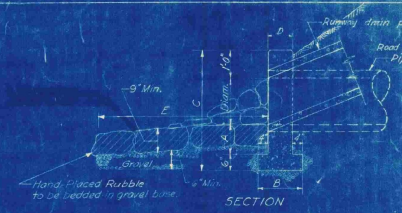
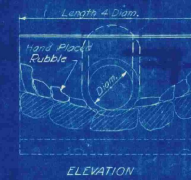
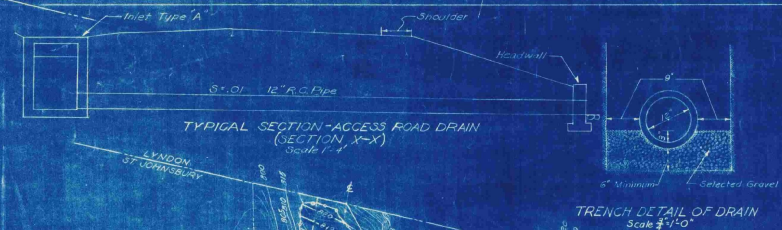
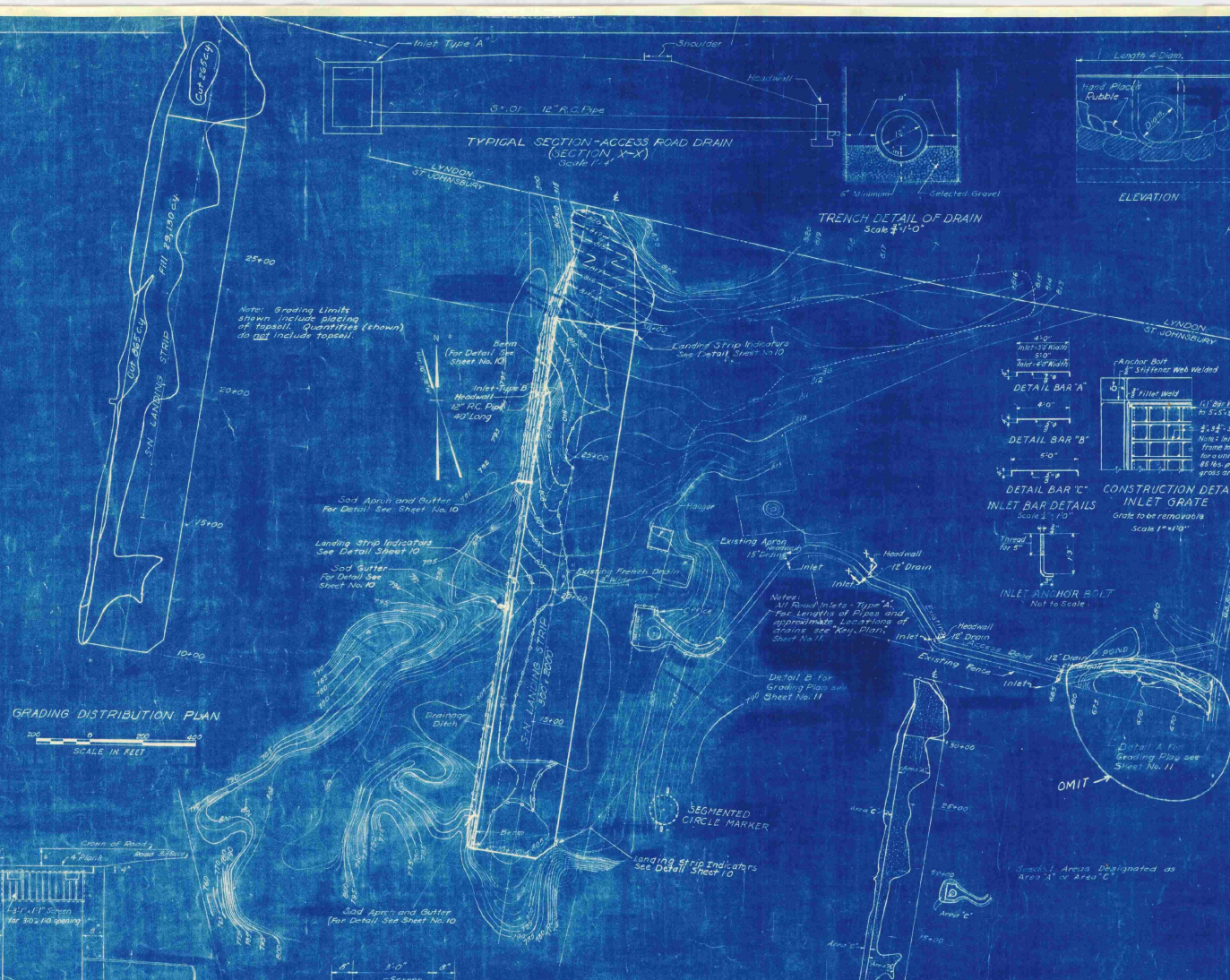
CLEARING PLAN

SCALE AS NOTED
 SEPTEMBER 12, 1958
 FAY, SPOFFORD & THORNDIKE ENGINEERS, BOSTON, NEW YORK
 APPROVED: *[Signature]* FILE NO. 05-5a
 APPROVED: *[Signature]* INCHES TO FEET
 PLAN NO. 4

AS-BUILT DRAWING

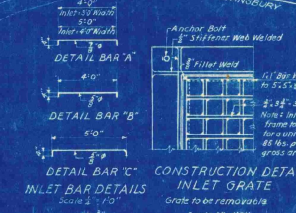
FAY, SPOFFORD & THORNDIKE
 DATE 10-2-58 BY *[Signature]*

REV. NO.	DATE	DESCRIPTION	MADE BY	CHECKED BY
3	12-24-58	Area to be cleared and grubbed	E.C.D.	W.H.
1	9-23-58	Omit section of Access Road	E.C.D.	W.H.

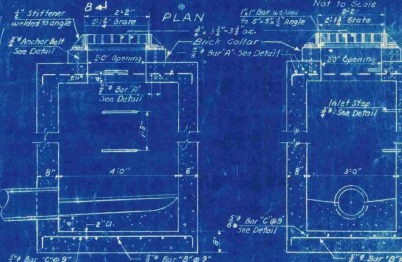
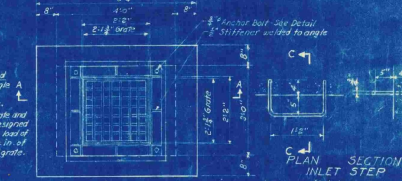


HEADWALL DETAILS
Not to Scale

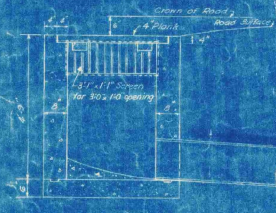
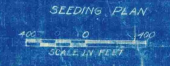
HEADWALL SCHEDULE					
Diag. C. 11 Pipe Headwall	A	B	C	D	E
12"	6"	6"	10"	10"	6"
15"	6"	9"	9"	10"	10"



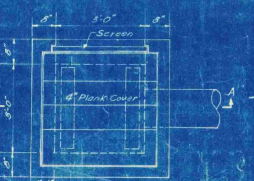
CONSTRUCTION DETAIL
INLET GRATE
Grate to be removable
Scale 1" = 10"



TYPE 'B' INLET DETAILS
Scale 1/4" = 10"



SECTION A-A



PLAN OF INLET TYPE 'A'
Scale 1/4" = 1'-0"

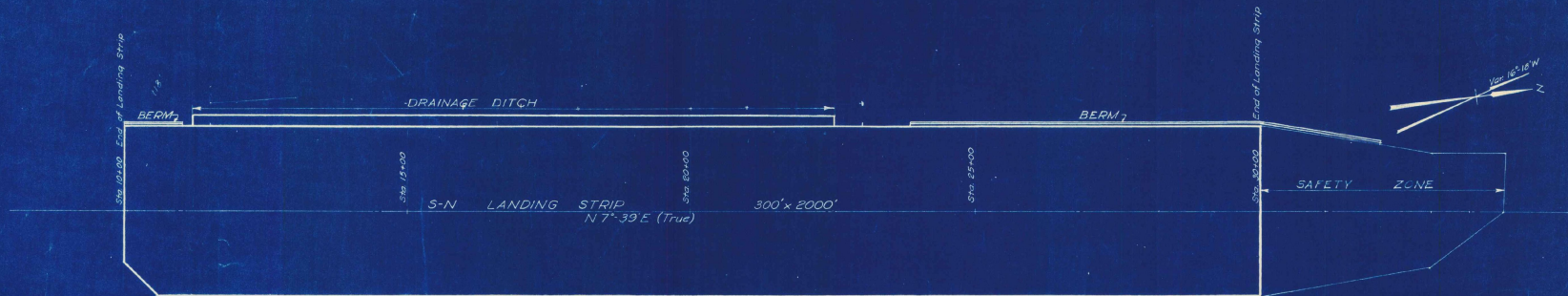
Note: Grading Limits shown include placing of topsoil. Quantities (shown) do not include topsoil.

Notes:
All Road Inlets - Type 'A'.
For Limits of Pipes and approximate locations of drains see 'Key Plan', Sheet No. 11.

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

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

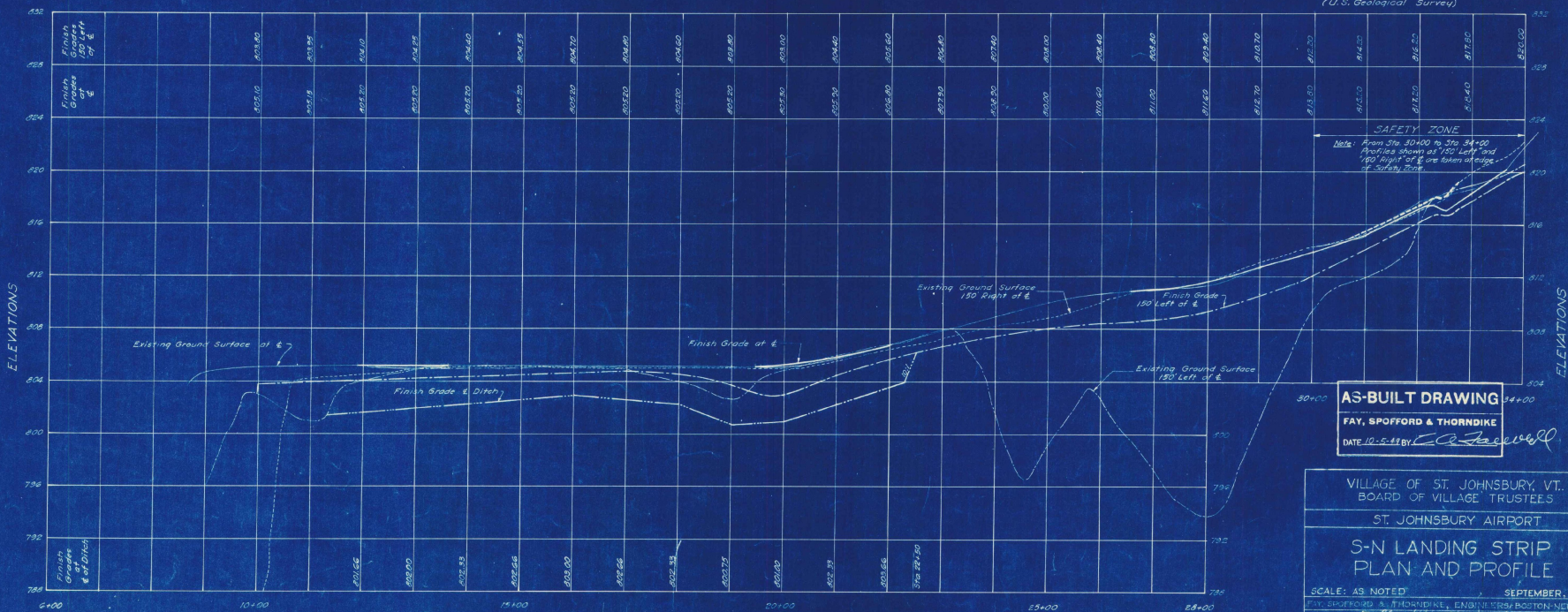
VILLAGE OF ST. JOHNSBURY, VT.
BOARD OF VILLAGE TRUSTEES
ST. JOHNSBURY AIRPORT
GRADING AND DRAINAGE,
GRADING DISTRIBUTION AND
SEEDING PLANS AND DETAILS
SCALE AS NOTED SEPTEMBER 1948
FAY, SPOFFORD & THORNDIKE, ENGINEERS, BOSTON-NEW YORK
APPROVED BY [Signature] 09-5a
CONTRACT DRAWING SHEET NO. 5 OF 11



LEGEND

- Finish Grade for $\frac{1}{2}$ of Landing Strip
- - - Existing Ground Surface of $\frac{1}{2}$
- - - Existing Ground Surface of $\frac{1}{2}$ Right of $\frac{1}{2}$
- - - Existing Ground Surface of $\frac{1}{2}$ Left of $\frac{1}{2}$
- - - Finish Grade 150' Left of $\frac{1}{2}$
- - - Finish Grade of Drainage Ditch $\frac{1}{2}$
- - - Finish grade 150' Right of $\frac{1}{2}$

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



AS-BUILT DRAWING
FAY, SPOFFORD & THORNDIKE
DATE 10-5-48 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

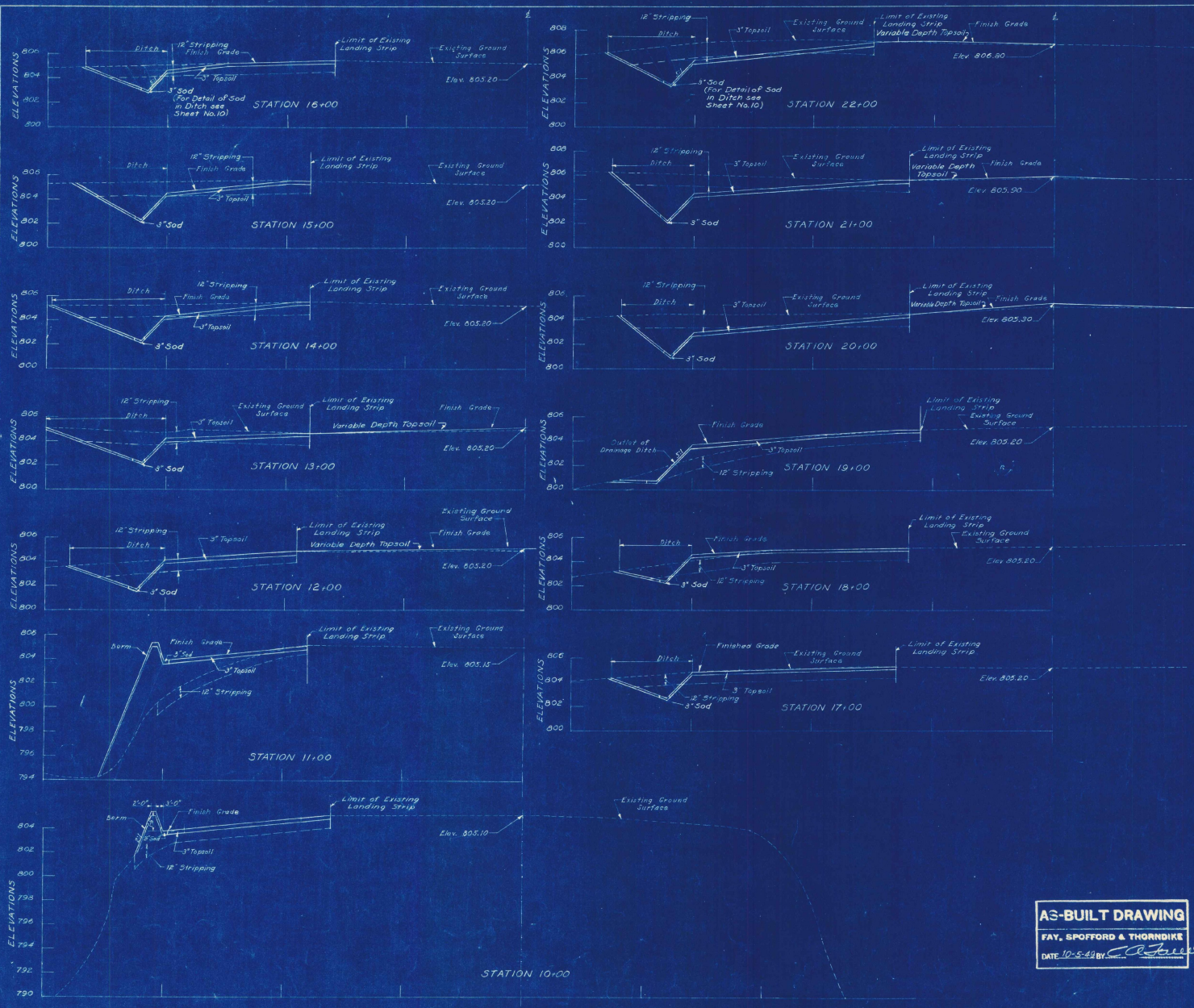
APPROVED: *E. J. McArthur* CHAIRMAN, VILLAGE TRUSTEES FILE NO. O-5-5a

APPROVED: *C. J. Jewell* PARTNER IN CHARGE PLAN NO. 6

CONTRACT DRAWING SHEET NO. 6 OF 11

S. M.P.
M. E.S.
L. T.M.
K. L.T.H.

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: HORIZ. 1" = 40' VERT. 1" = 4'
 DATE: 10-5-44 BY: *[Signature]*

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

AS-BUILT DRAWING
 FAY, SPOFFORD & THORNDIKE
 DATE 10-5-44 BY: *[Signature]*



AS-BUILT DRAWING
 FAY, SPOFFORD & THORNDIKE
 DATE 10-5-43 BY *E. S. Sawell*

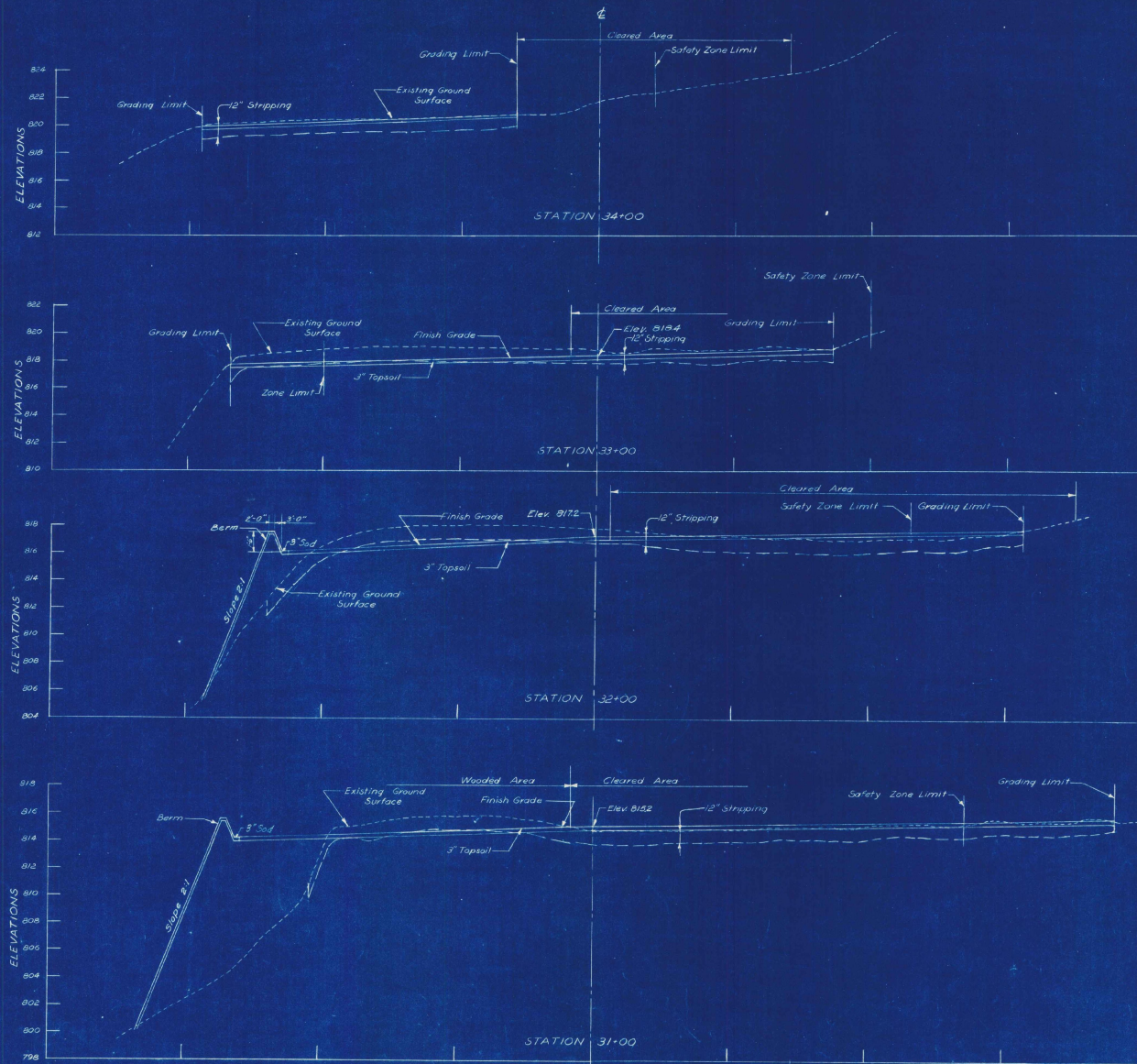
NOTES
 Limit of existing landing strip is limit of cleared area.
 Elevations are based on Mean Sea Level
 (U.S. Geological Survey).

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: HORIZONTAL, 1" = 40'	SCALE: VERTICAL, 1" = 4'	DATE: SEPTEMBER 1943
APPROVED: <i>E. S. Sawell</i>	FILE NO: 05-5a	
DESIGNED: <i>E. S. Sawell</i>	PLANNED: <i>E. S. Sawell</i>	
CHECKED: <i>E. S. Sawell</i>	DRAWN: <i>E. S. Sawell</i>	
ENGINEER: <i>E. S. Sawell</i>	PARTNER IN CHARGE	

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

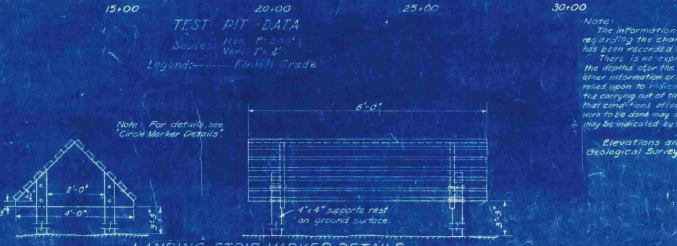
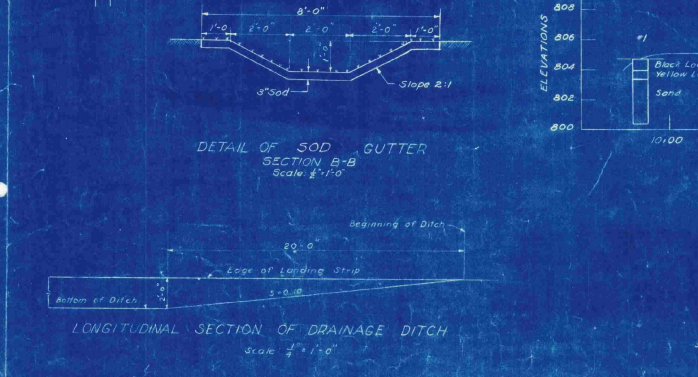
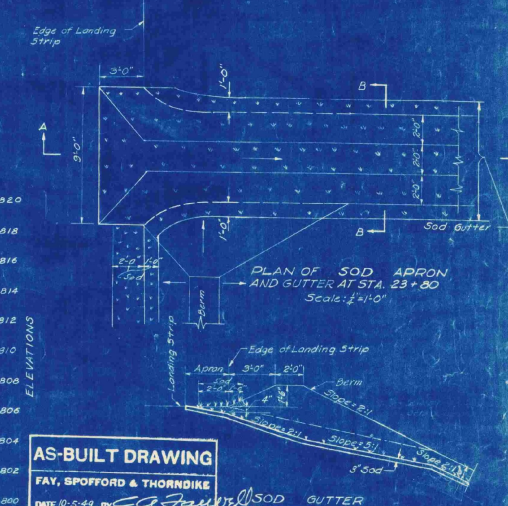
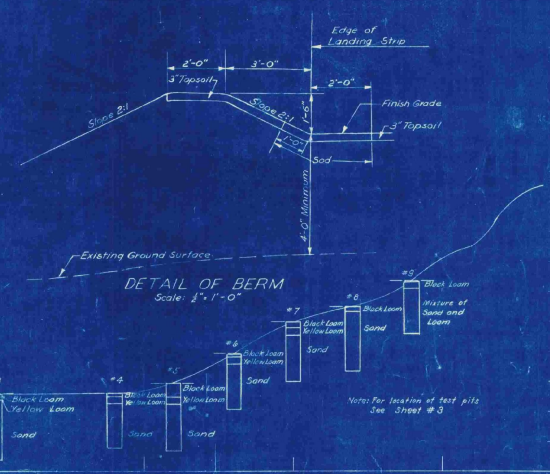
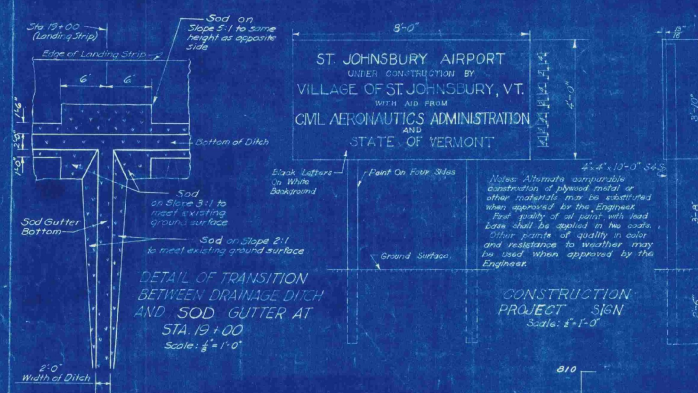
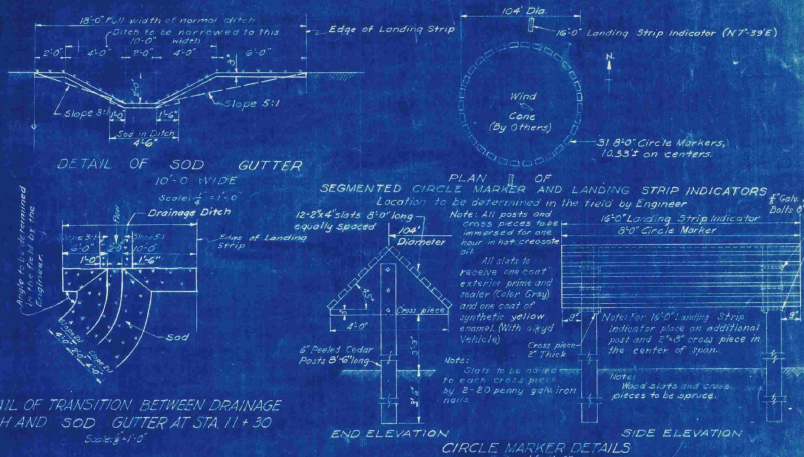
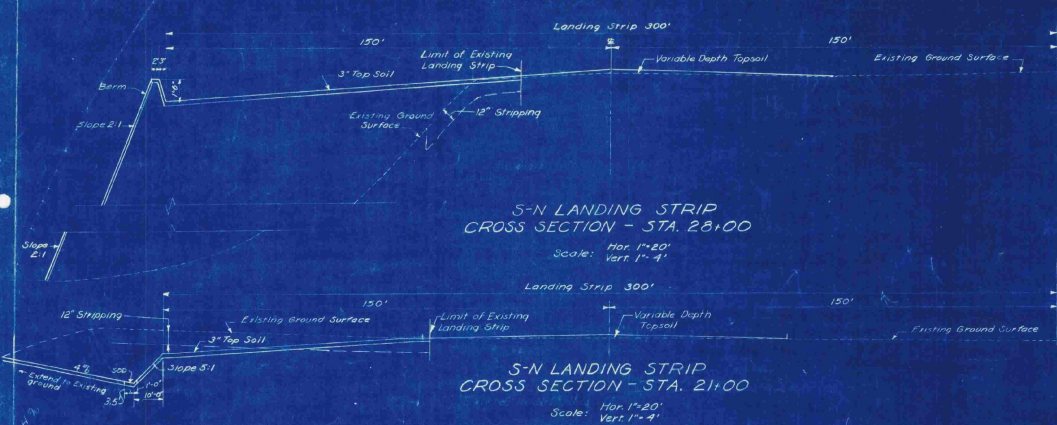
FAY, SPOFFORD & THORNDIKE

DATE 10-5-42 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'
FAY, SPOFFORD & THORNDIKE ENGINEERS, BOSTON NEW YORK	
APPROVED <i>[Signature]</i>	FILE NO. Os-5a
APPROVED <i>[Signature]</i>	PLAN NO. 19
PARTNER IN CHARGE	

SCALE
LIBY
LIBT
L.T.A.

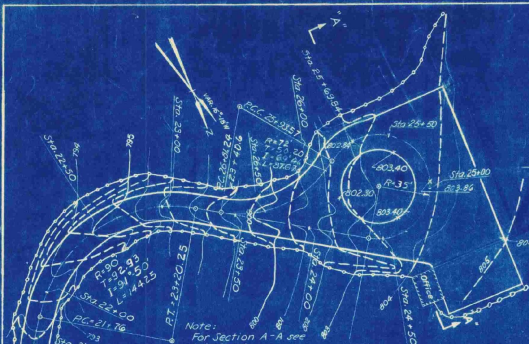


AS-BUILT DRAWING
FAY, SPOFFORD & THORNDIKE
DATE: 10-5-44 BY: [Signature]

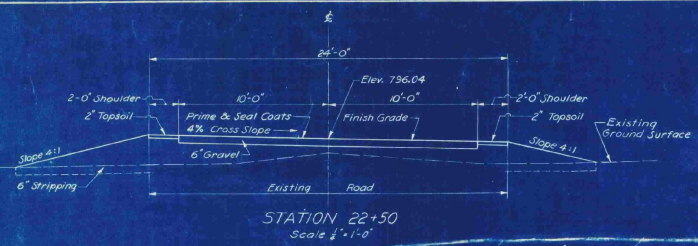
VILLAGE OF ST. JOHNSBURY, VT.
BOARD OF VILLAGE TRUSTEES
ST. JOHNSBURY AIRPORT

TYPICAL CROSS SECTIONS TEST PIT DATA AND DETAILS

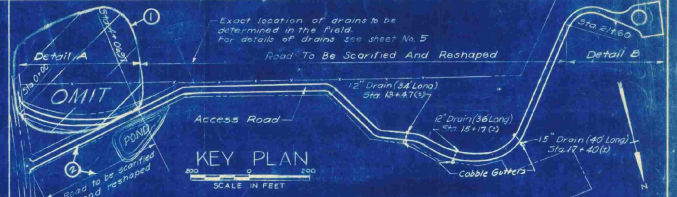
SCALE: AS SHOWN
DATE: SEPTEMBER 1948
DESIGNED BY: FAY, SPOFFORD & THORNDIKE ENGINEERS, 300 EAST 42ND STREET, NEW YORK
APPROVED BY: [Signature]
CHECKED BY: [Signature]
CONTRACT DRAWING SHEET NO. 10 OF 11



DETAIL B
 Note: Tie in between new and existing roads to be determined in the field.
 SCALE IN FEET

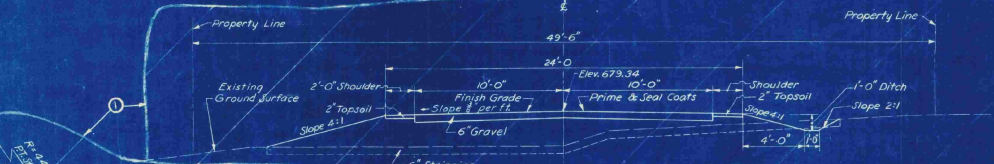


STATION 22+50
 Scale 1/4" = 1'-0"

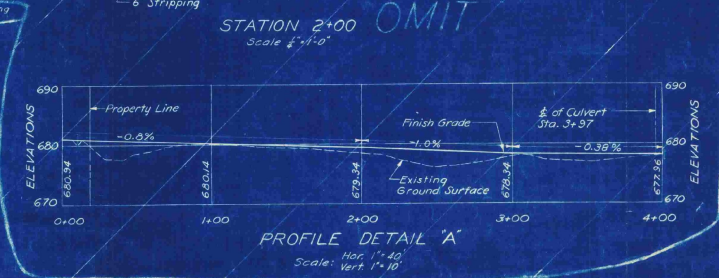


Exact location of drains to be determined in the field. For details of drains see sheet No. 5.
 Road To Be Scarified And Reshaped

KEY PLAN
 SCALE IN FEET



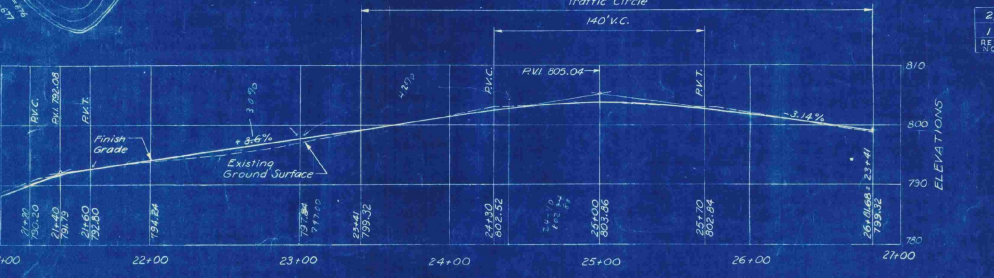
STATION 2+00 OMIT
 Scale 1/4" = 1'-0"



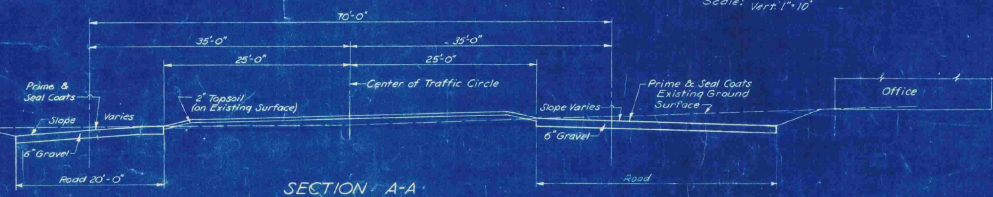
PROFILE DETAIL 'A'
 Hor. 1" = 40'
 Vert. 1" = 10'



DETAIL A
 SCALE IN FEET



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



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

2	5-24-48	Existing road to be scarified & reshaped	2.00	5.84	WTF
1	5-24-48	Omit section of Access Road	2.00	2.81	WTF
REV. NO.	DATE	DESCRIPTION	BY	CHK. BY	APP. BY

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

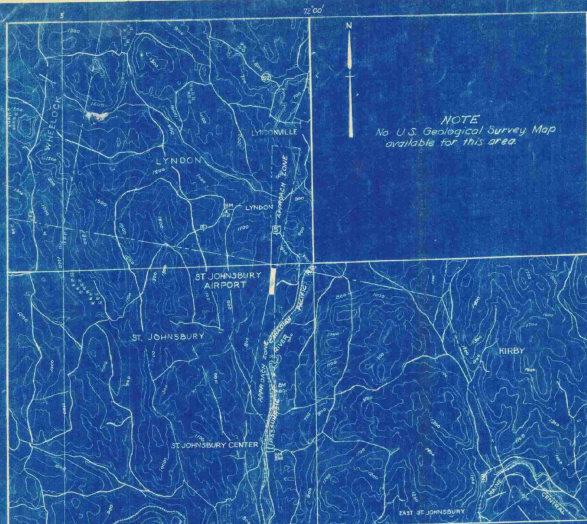
ST. JOHNSBURY AIRPORT

ACCESS ROAD AND DETAILS

SCALE: AS NOTED SEPTEMBER, 1948 17
 APPROVED: *[Signature]* FAY, SPOFFORD & THORNDIKE, ENGINEERS, BOSTON-NEW YORK
 APPROVED: *[Signature]* CHAIRMAN VILLAGE TRUSTEES FILE NO. Os-5a
 APPROVED: *[Signature]* ENGINEER IN CHARGE NO. 13

CONTRACT DRAWING SHEET NO. 11 OF 11

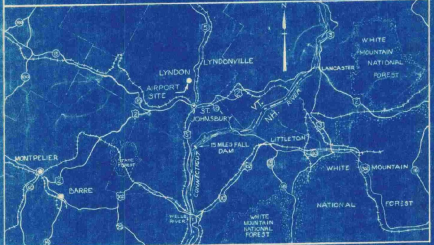
H. L. M.
 L. T. M.
 C. S.
 S. P.



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



NOTES
Latitude 44° 24' 45"
Longitude 73° 00' 35"
C.G.S. Bench Mark 170.15' at center
of runway layout
Elevation 533 (Highest point
in usable landing area)
Aiming distance and direction
from Town 3.5 Miles N
Distance to Road to Post Office 6 Miles
Contours are based on Mean Sea Level
(U.S. Geological Survey)



VICINITY MAP
Scale in Miles

VILLAGE OF ST. JOHNSBURY VERMONT

INDEX TO CONTRACT DRAWINGS

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INFORMATION DRAWINGS (NOT PART OF CONTRACT DRAWINGS) PLAN TO ACCOMPANY SPONSOR'S ASSURANCE AGREEMENT OBSTRUCTION PLAN		SEPTEMBER 1948 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*



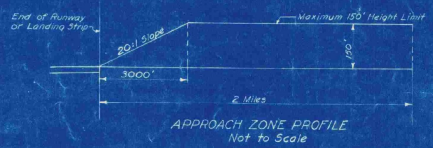
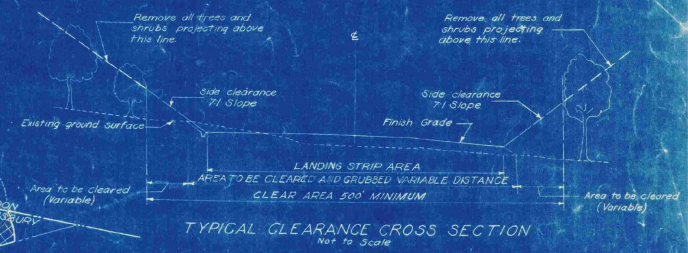
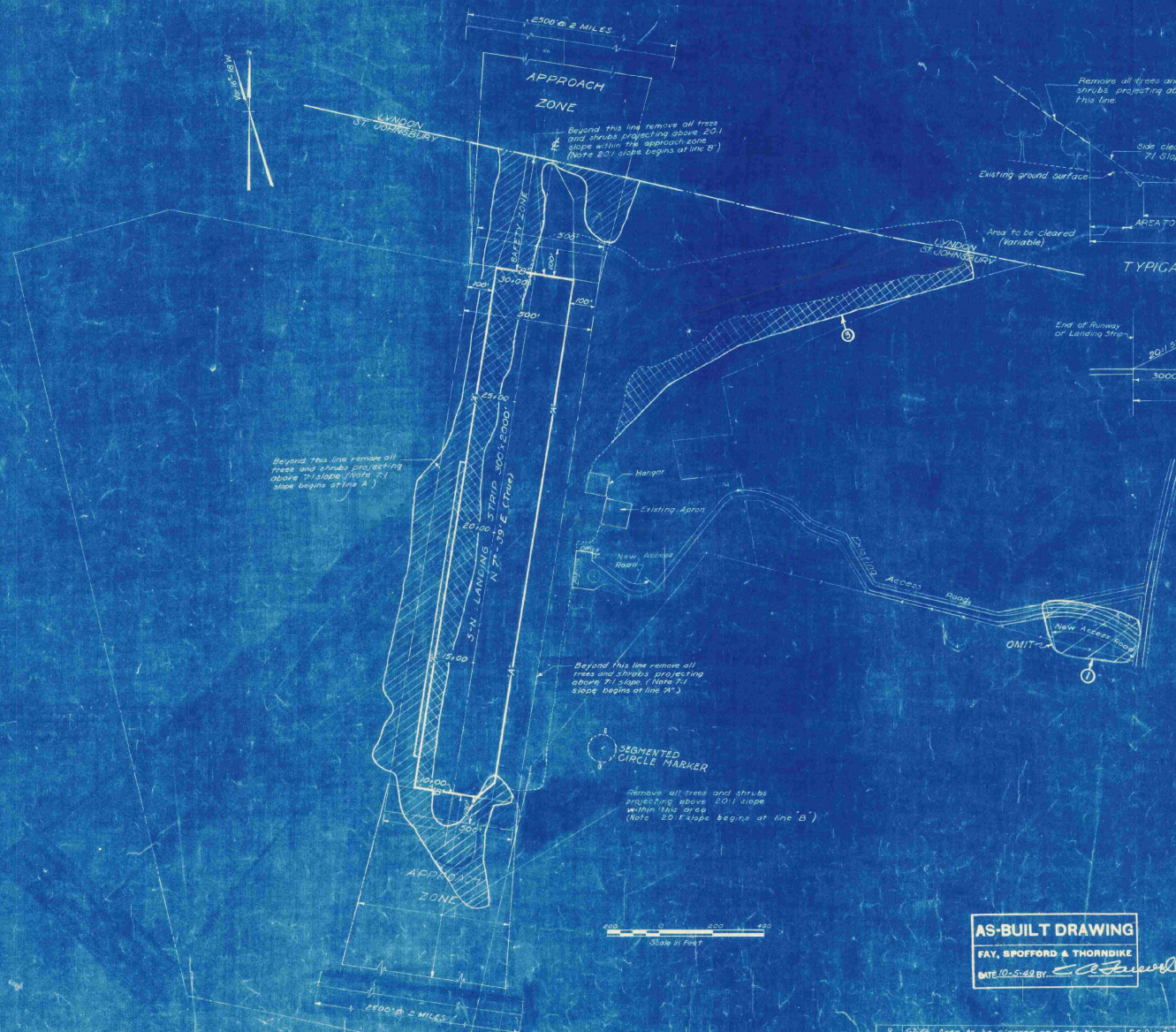
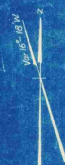
Chart of Boundary of Access Road
 50' wide section in E expansion part
 of concrete roadway 100' wide to be owner of old
 Al Throck house and 50' N 10° 15' E from intersection of
 above with expansion part and a transverse expansion
 joint in said roadway.
 Existing
 House Foundation

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

Note: Bearings shown are Magnetic unless otherwise noted.

AS-BUILT DRAWING
 FAY, SPOFFORD & THORNDIKE
 DATE 10-5-43 by *C.A. J. J. J.*

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: <i>F. J. J.</i>	FILE NO. Os-5a
APPROVED: <i>C. A. J. J.</i>	DATE IN CHARGE
CONTRACT DRAWING SHEET No. 9 OF 11	



- 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.

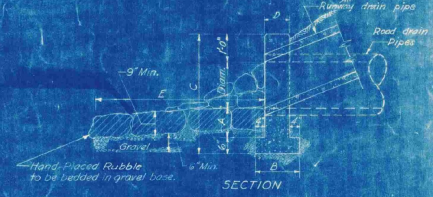
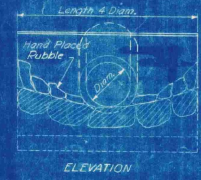
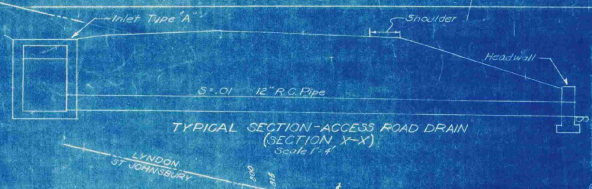
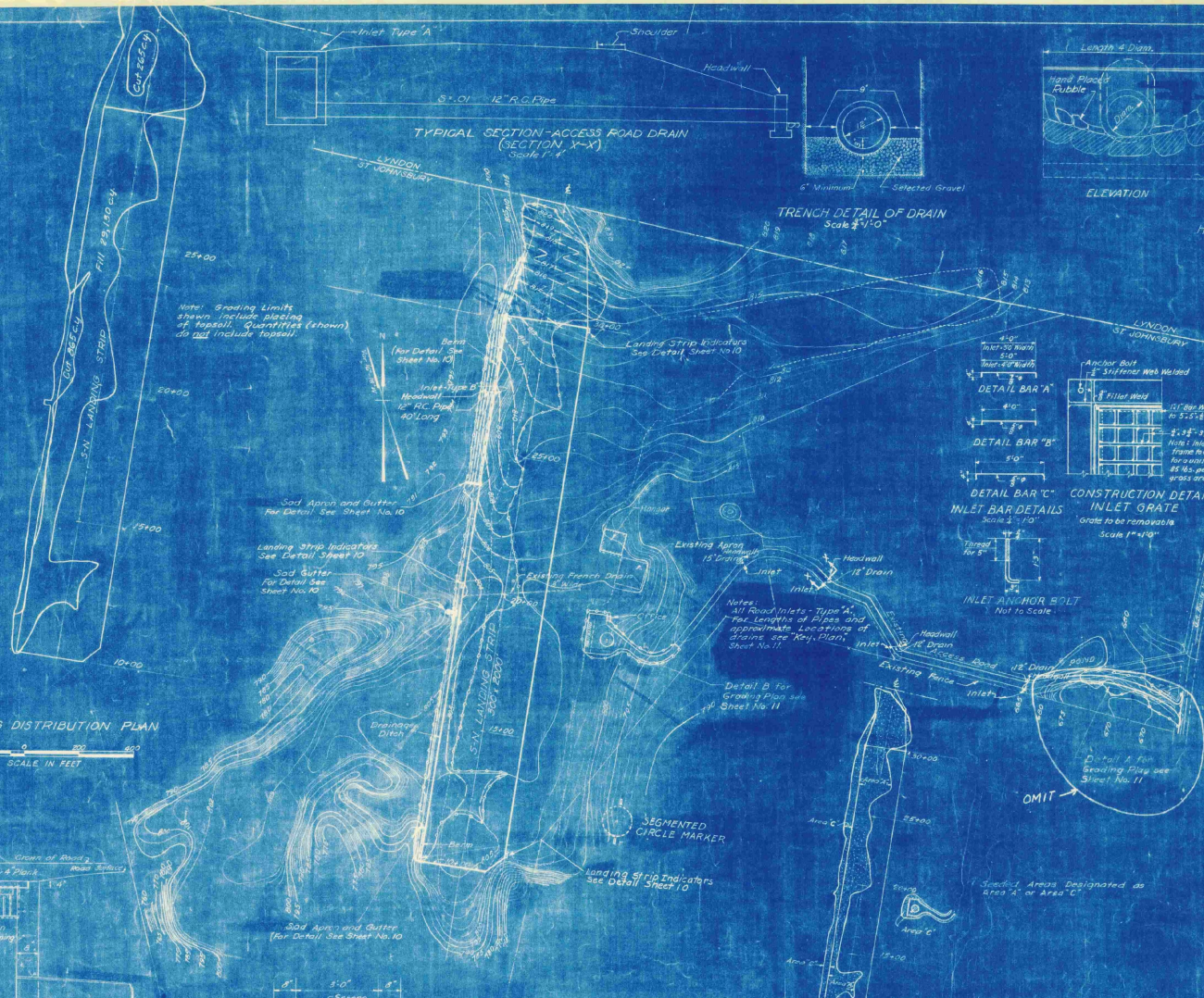
AS-BUILT DRAWING
 FAY, SPOFFORD & THORNDIKE
 DATE 10-5-49 BY: *[Signature]*

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

CLEARING PLAN

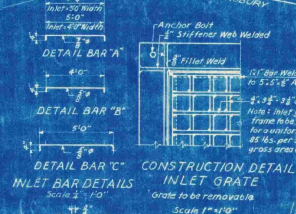
SCALE: AS NOTED SEPTEMBER 1948
 FAY, SPOFFORD & THORNDIKE ENGINEERS, BOSTON, NEW YORK
 APPROVED BY: *[Signature]* FILE No. Os-5a
 DRAWN BY: *[Signature]* PLAN No. 4
 CHECKED BY: *[Signature]* DATE: 10-5-49
 CONTRACT DRAWING SHEET NO. 4 OF 11

REV. NO.	DATE	DESCRIPTION	MADE BY	CHEK. BY	DATE
1	10-5-49	Area to be cleared and grubbed	E.G.D.	E.L.	10-5-49
2	10-5-49	Omit section of Access Road	E.G.D.	E.L.	10-5-49



HEADWALL DETAILS
Not to Scale

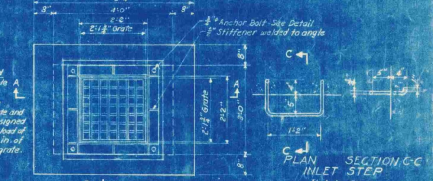
HEADWALL SCHEDULE						
Diag. of Pipe	C.Y. Conc. Headwall	A	B	C	D	E
12"	0.40	6"	15"	3'-0"	7'-0"	6'-6"
15"	0.52	9"	1'-6"	3'-6"	7'-0"	18'-0"



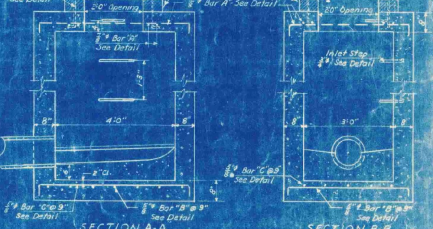
CONSTRUCTION DETAIL
INLET GRATE
Scale 1/2"=1'-0"



INLET ANCHOR BOLT
Not to Scale



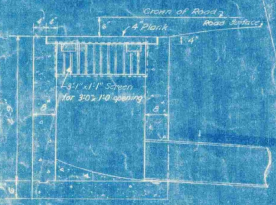
SECTION C-C
INLET STEP
Not to Scale



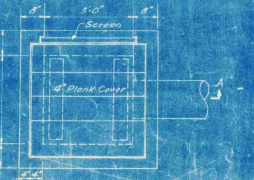
SECTION A-A
TYPE 'A' INLET DETAILS
Scale 1/2"=1'-0"



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



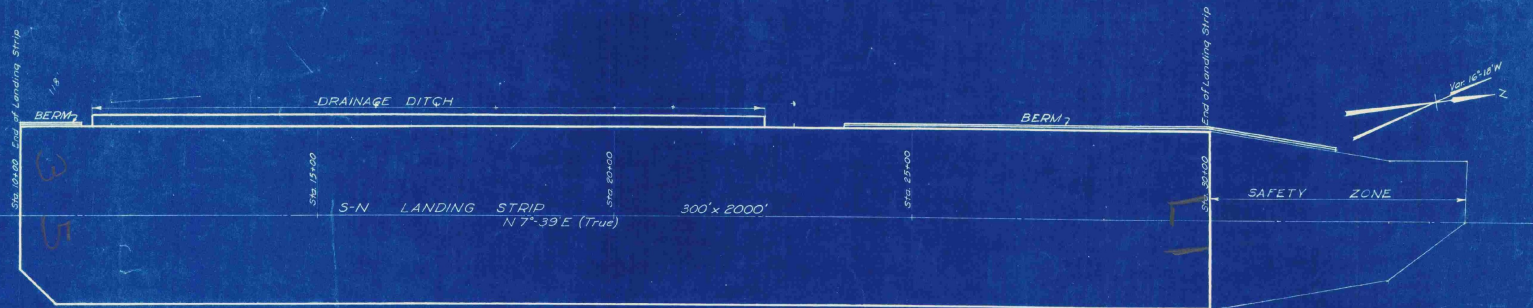
SECTION A-A
SCREEN DETAIL



PLAN OF INLET TYPE 'A'
Scale 1/2"=1'-0"

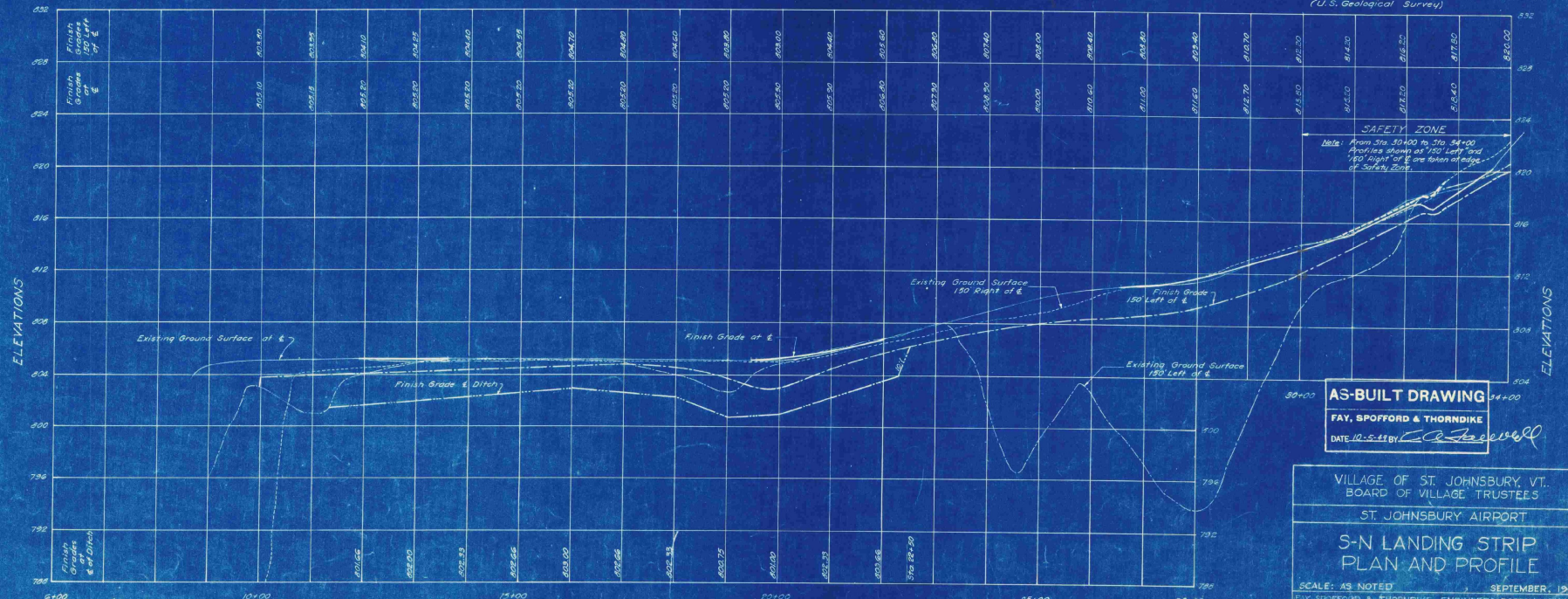
AS-BUILT DRAWING
FAY, SPOFFORD & THORNBIRE
DATE: 10-5-52 BY: [Signature]

VILLAGE OF ST. JOHNSBURY, VT.
BOARD OF VILLAGE TRUSTEES
ST. JOHNSBURY AIRPORT
**GRADING AND DRAINAGE,
SEEDING PLANS AND DETAILS**
SCALE: AS NOTED SEPTEMBER 1952
FAY, SPOFFORD & THORNBIRE, ENGINEERS, CANTON, NEW YORK
Contract No. 100-100-100-100
CONTRACT DRAWING SHEET NO. 9 OF 11



PLAN
Scale 1"=100'

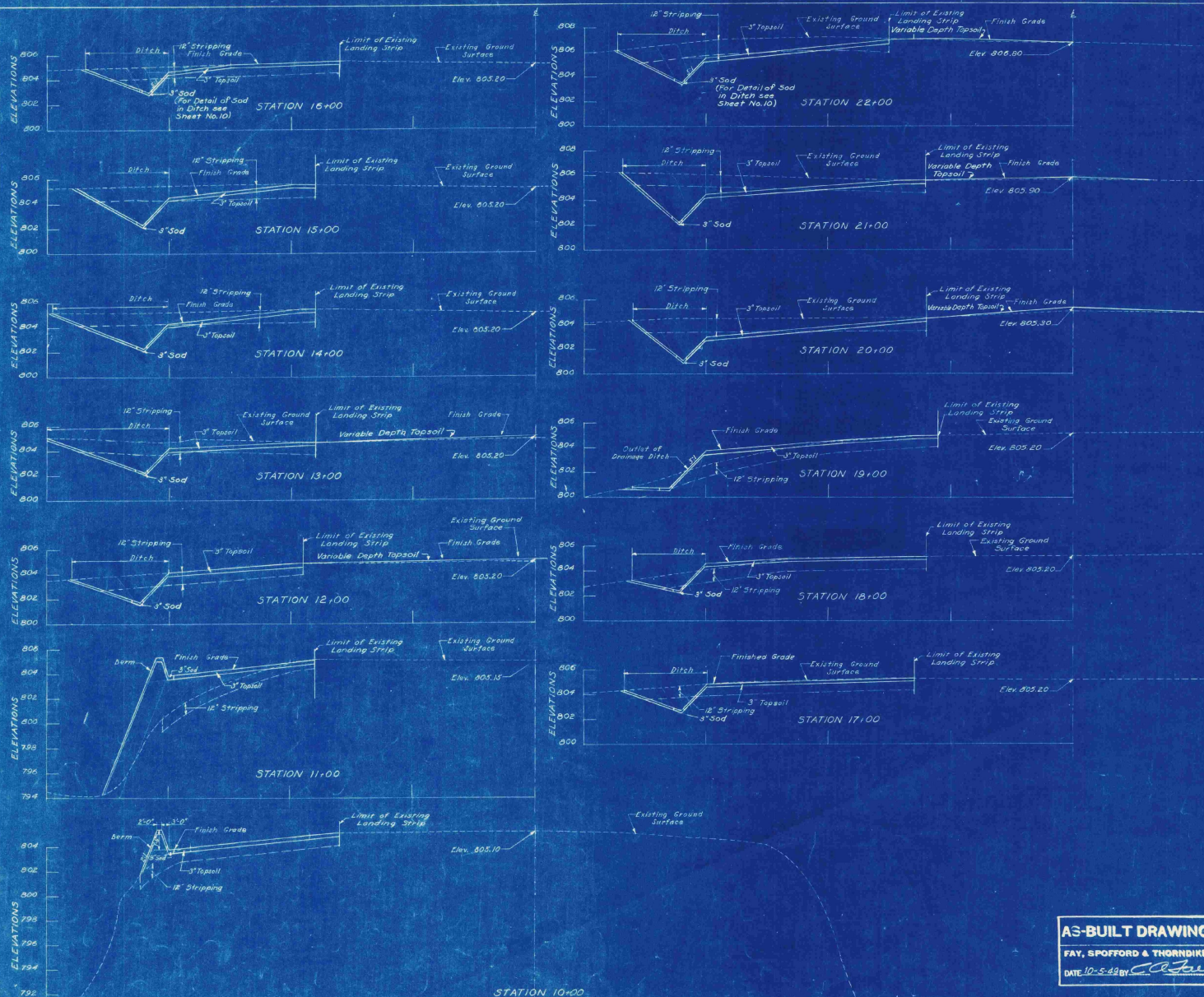
- LEGEND**
- Finish Grade for \pm of Landing Strip
 - - - Existing Ground Surface of \pm
 - Finish Grade 150' Right of \pm
 - Finish Grade 150' Left of \pm
 - Finish Grade of Drainage Ditch \pm
 - Finish Grade 150' Right of \pm
- Note: Elevations are based on Mean Sea Level, (U.S. Geological Survey)



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

AS-BUILT DRAWING
FAY, SPOFFORD & THORNDIKE
DATE 10-5-54 BY *C. J. Keeler*

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, 100 NASSAU ST., NEW YORK
APPROVED *E. J. Thorndike* FILE NO. 08-5a
APPROVED *C. J. Keeler* PLAN NO. 6
PARTNER IN CHARGE
CONTRACT DRAWING SHEET NO. 6 OF 11

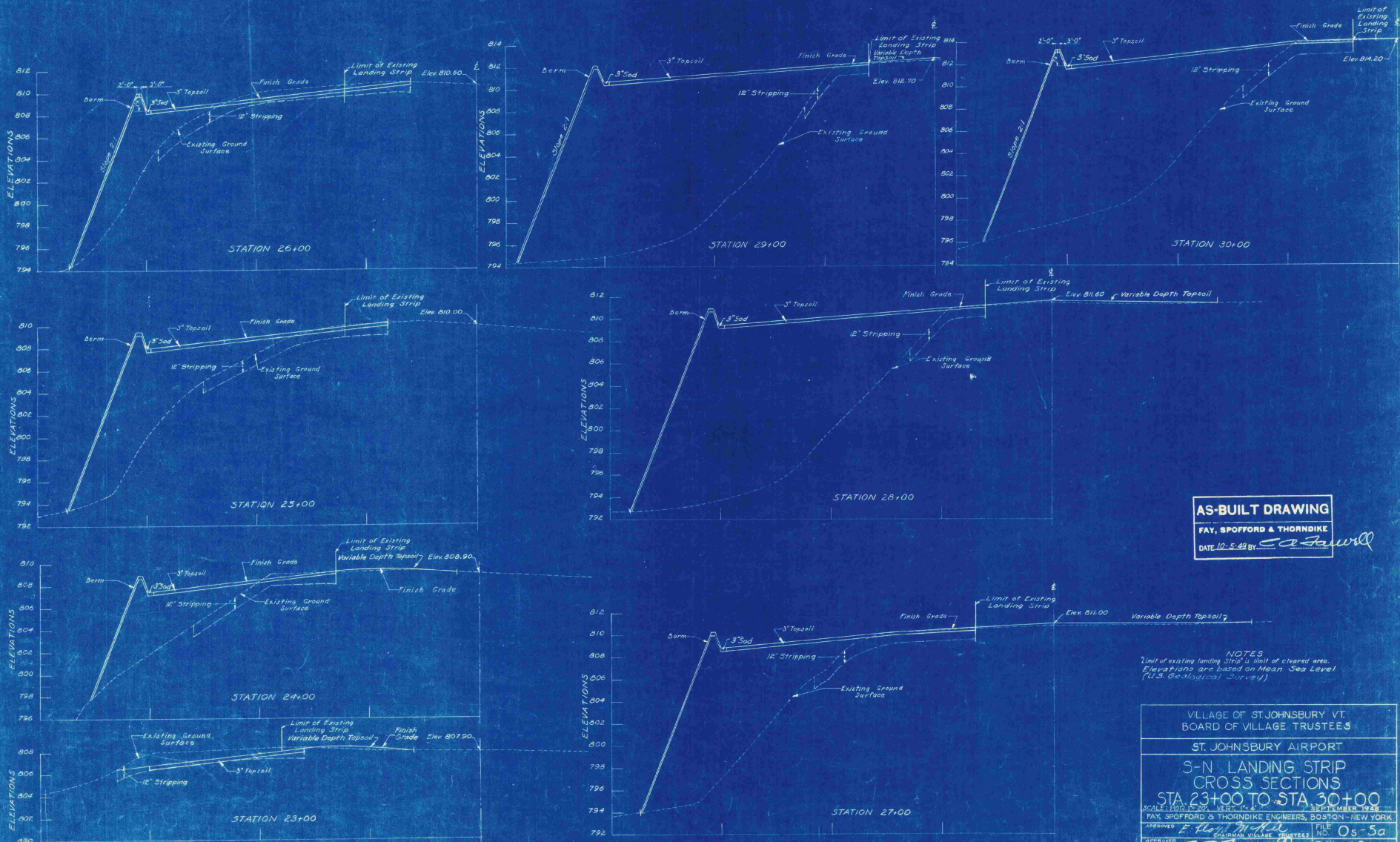


Original Drawing

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	
SCALE: 1" = 20' VERT. 1" = 2'	SEPTEMBER 1946
FAY, SPOFFORD & THORNDIKE ENGINEERS, BOSTON-NEW YORK	
APPROVED: <i>[Signature]</i>	FILE NO. 05-5a
APPROVED: <i>[Signature]</i>	PLAN NO. 17

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

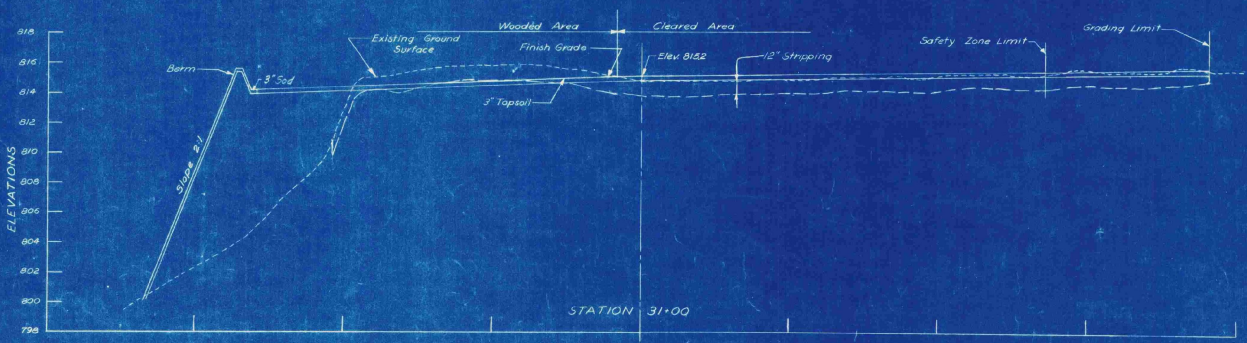
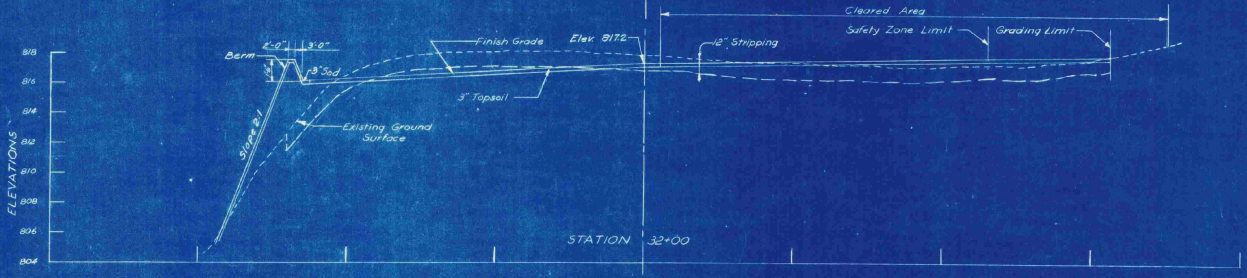
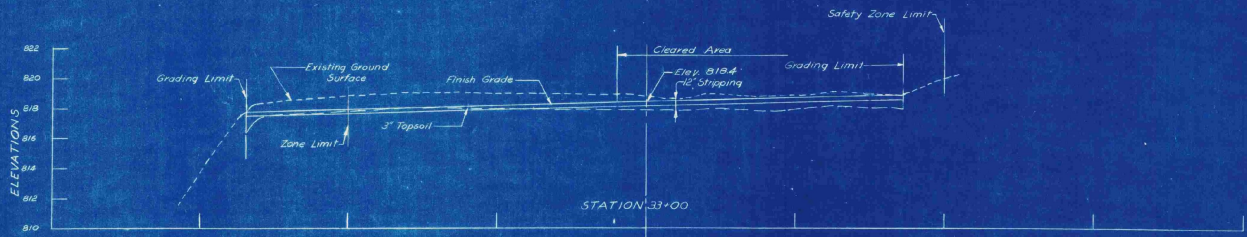
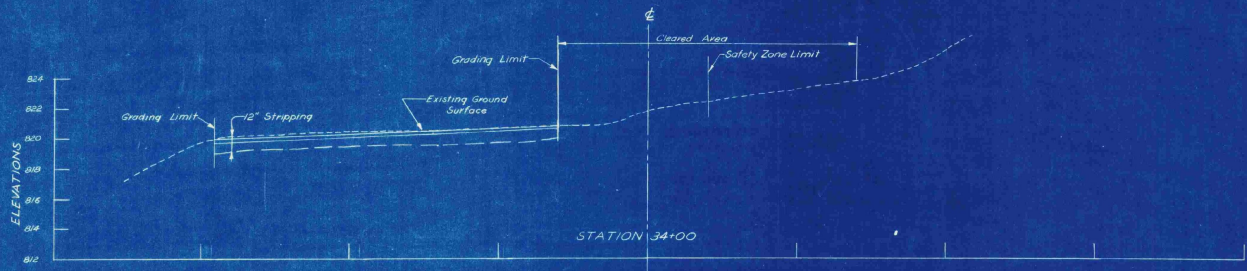


AS-BUILT DRAWING
 FAY, SPOFFORD & THORNDIKE
 DATE 10-8-49 BY *E. A. Fawell*

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 1949
DESIGNED BY: <i>F. H. [Signature]</i>	FILE NO: Os-5a
APPROVED BY: <i>E. A. Fawell</i>	PLAN NO: 18
CONTRACT DRAWING SHEET NO. 8 OF (11)	

15. M.F.E.
 14. M.F.E.
 13. C.E.A.
 12. L.T.M.

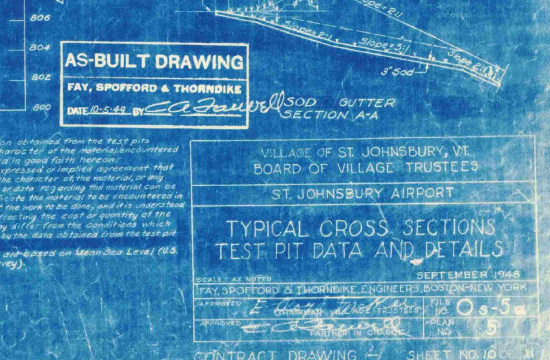
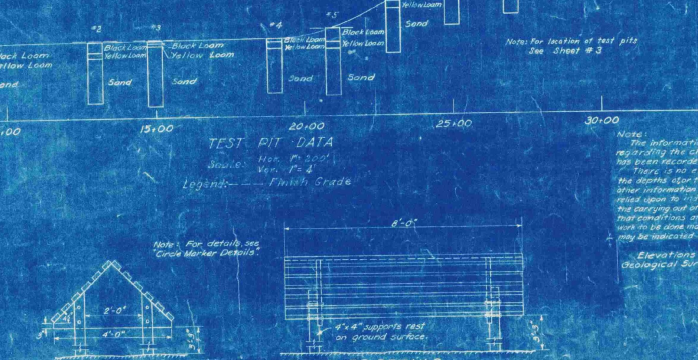
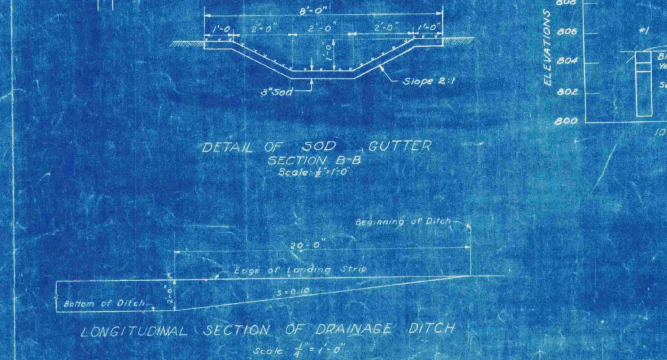
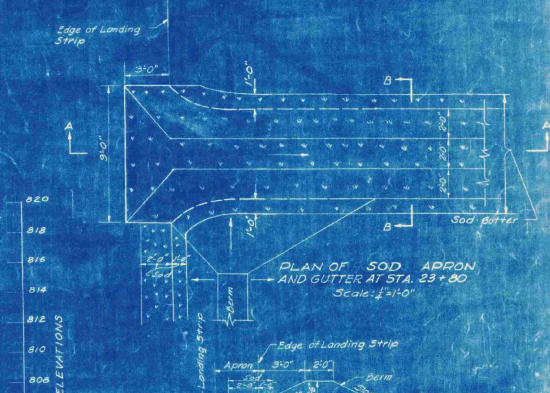
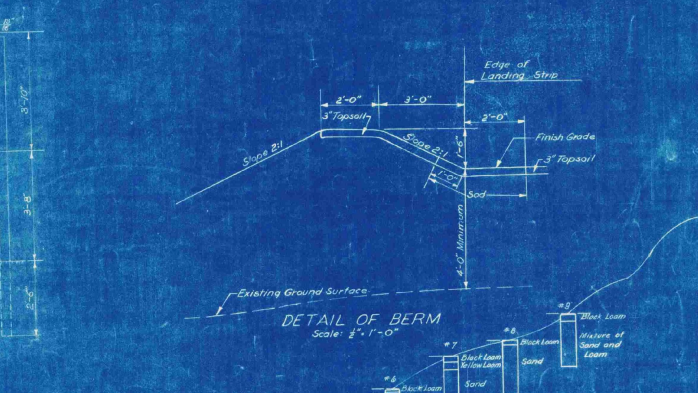
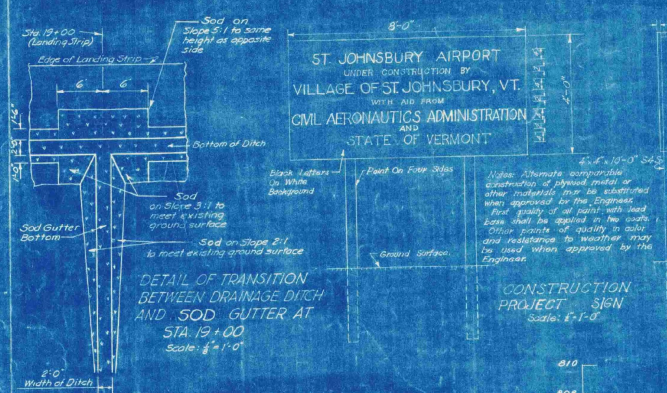
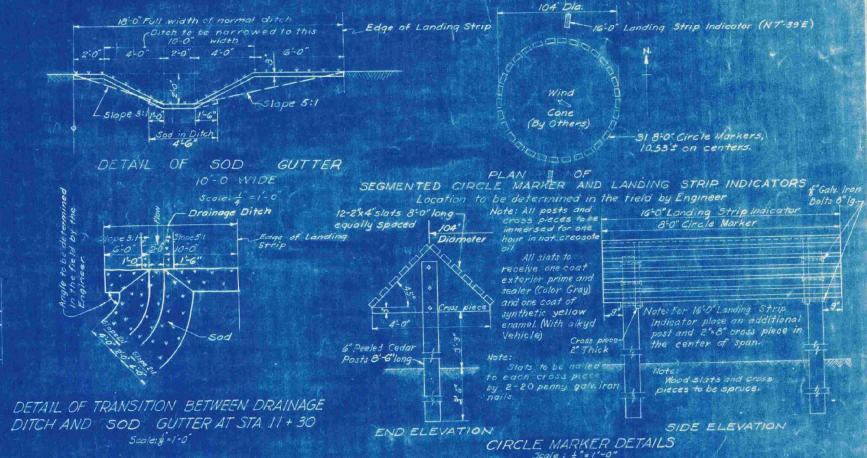
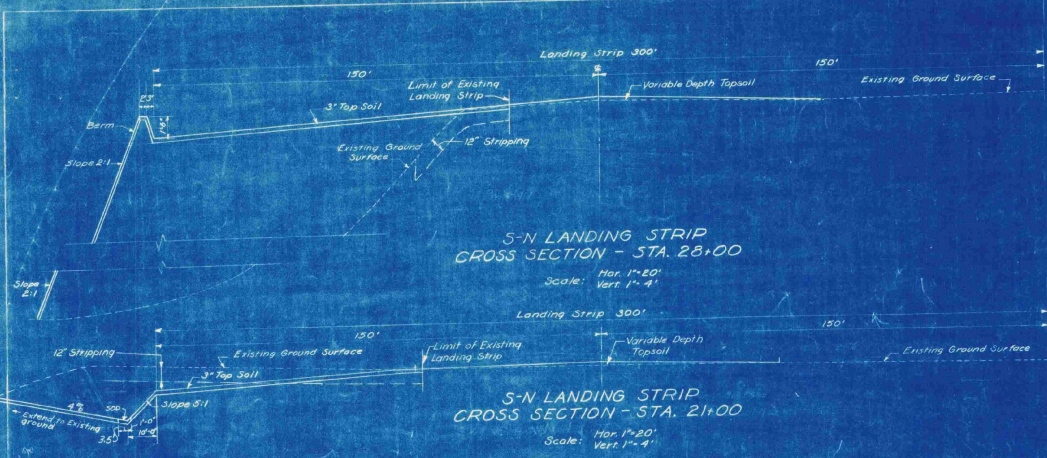


AS-BUILT DRAWING
FAY, SPOFFORD & THORNDIKE
 DATE 10-5-49 BY *W. J. Farrell*

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>W. J. Farrell</i>	PLAN NO. 19
APPROVED <i>W. J. Farrell</i>	PARTNER IN CHARGE

SCALE
 1/8" = 1'-0"
 1/4" = 1'-0"
 1/2" = 1'-0"
 3/4" = 1'-0"
 1" = 1'-0"



ST. JOHNSBURY AIRPORT
UNDER CONSTRUCTION BY
VILLAGE OF ST. JOHNSBURY, VT.
WITH AID FROM
CIVIL AERONAUTICS ADMINISTRATION
STATE OF VERMONT

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

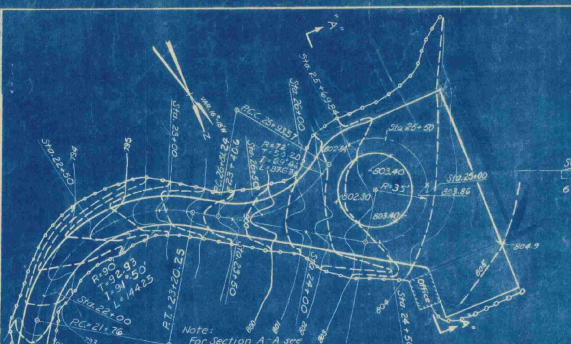
VILLAGE OF ST. JOHNSBURY, VT.
BOARD OF VILLAGE TRUSTEES

ST. JOHNSBURY AIRPORT

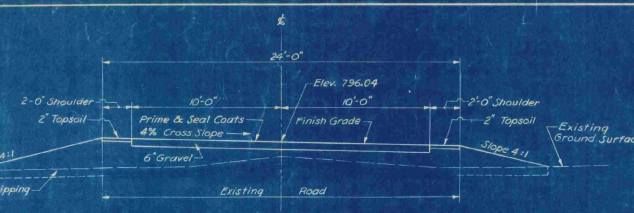
TYPICAL CROSS SECTIONS
TEST PIT DATA AND DETAILS

SCALE: AS NOTED SEPTEMBER 1948
FAY, SPOFFORD & THORNDIKE, ENGINEERS, BOSTON-NEW YORK
APPROVED [Signature] FILE NO. 10-5-5
DRAWN [Signature] PLAN NO. 5
CHECKED [Signature] PLAN NO. 5
CONTRACT DRAWING 2 SHEET NO. 10 OF 11

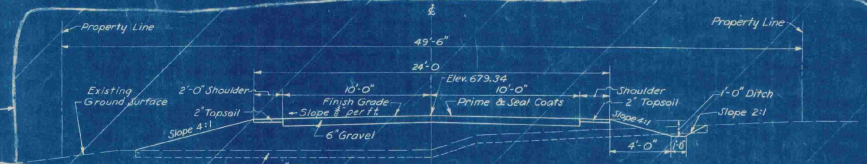
C.S. 5/11/48
R.H.D. REC
C.L. 11/48
B.S. 1/48



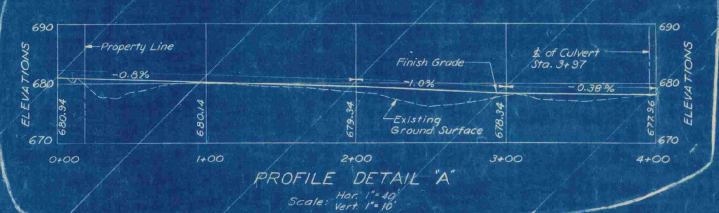
DETAIL B
SCALE IN FEET



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



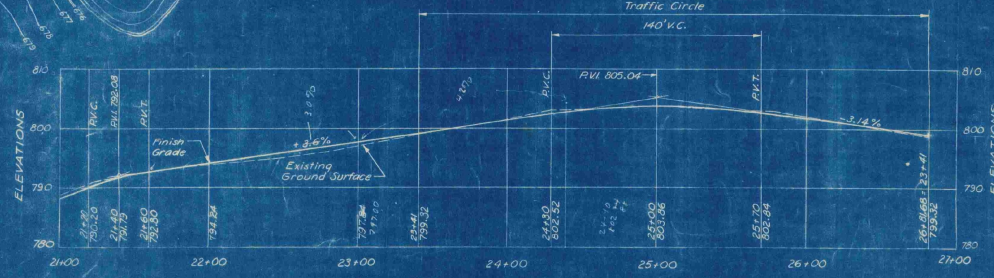
STATION 2+00 OMIT
Scale: 1" = 1'-0"



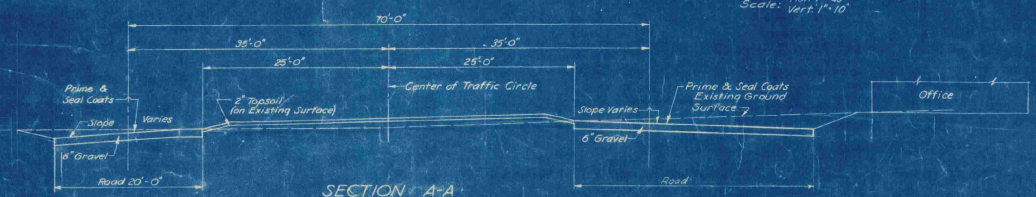
PROFILE DETAIL "A"
Scale: Hor. 1" = 40', Vert. 1" = 10'



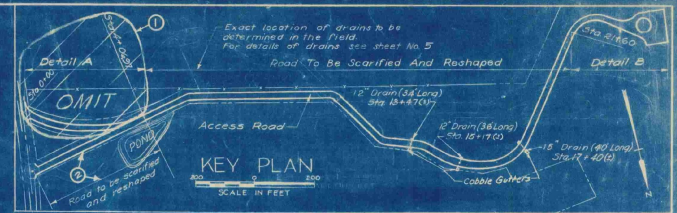
DETAIL A
SCALE IN FEET



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



SECTION A-A THROUGH TRAFFIC CIRCLE
Scale: Hor. 1" = 1'-0", Vert. 1" = 1'-0"



KEY PLAN
SCALE IN FEET

REF.	DATE	DESCRIPTION	EGD.	EA.	MAP	CHK.	APP.
2	5-24	Existing road to be scarified & reshaped	EGD.	EA.	MAP	CHK.	APP.
1	5-24	Omit section of Access Road	EGD.	EA.	MAP	CHK.	APP.

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)

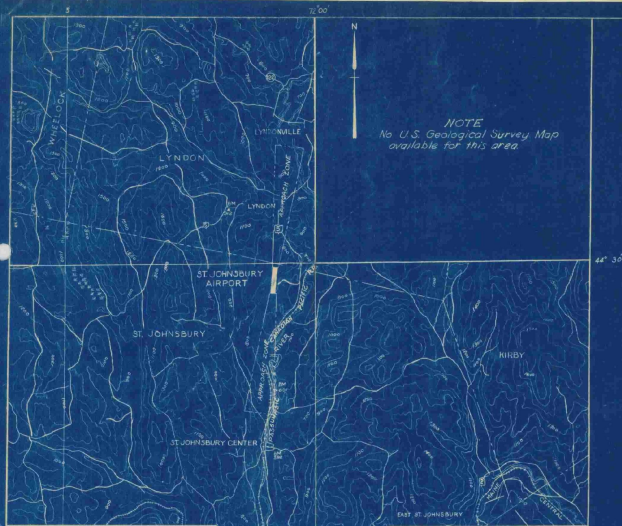
AS-BUILT DRAWING
FAY, SPOFFORD & THORNDIKE
DATE 12-5-59 BY: *CR*

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: *E. Thorndike* TITLE: **Os-5a**
APPROVED: *W. Spofford* TITLE: **Os-5a**
CONTRACT DRAWING SHEET NO. 11 OF 11

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



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

Traced from U.S. Geological Survey Maps

LEGEND
City or Town Lines
Approach Zones
Improved Roads
Railroads
U.S. Highways
State Highways
C. & G.S. Bench Mark
Post Office

LOCATION MAP



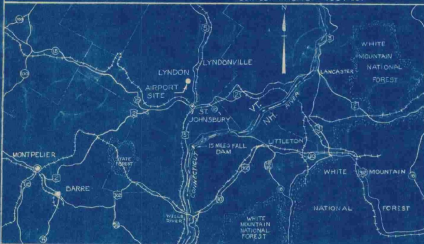
NOTES

Latitude 44° 24' 45"
Longitude 72° 00' 45"
(Elevation 70.15' at center
of runway layout)

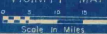
Elevation 603 (Highest Point
in vicinity landing area)
Flying distance and direction
from Town 5.5 Miles N.

Distance by Road to Post Office 6 Miles

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



VICINITY MAP



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.

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

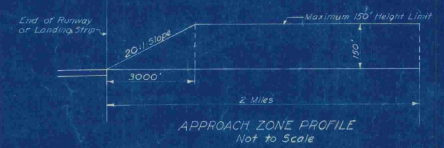
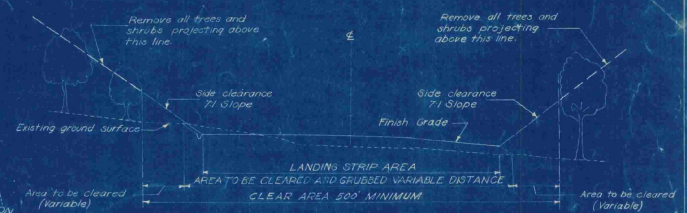
APPROVED *Floyd M. M...* CHAIRMAN
DATE *9/22/48* BOARD OF VILLAGE TRUSTEES

PREPARED BY

FAY, SPOFFORD & THORNDIKE ENGINEERS
BOSTON - NEW YORK

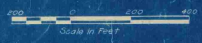
APPROVED *[Signature]* PARTNER IN CHARGE
DATE *Sept 21, 1948*

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



- LEGEND**
- Town Line
 - Property Line
 - - - Existing Fences
 - XXXXXX Area To be Cleared
 - XXXXXX 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

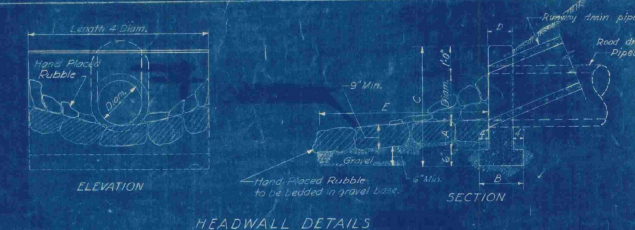
CONTRACT DRAWING

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

SCALE AS NOTED SEPTEMBER 1950
FAY, SPENCER & THORNDIKE ENGINEERS, BOSTON, NEW YORK
FILE NO. Os-5a
DRAWN BY [Signature]
CHECKED BY [Signature]
PLANNED BY [Signature]
ENGINEER IN CHARGE [Signature]

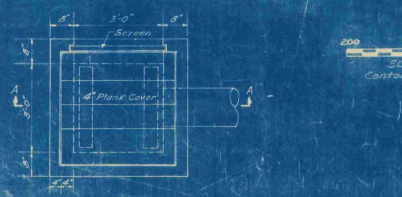
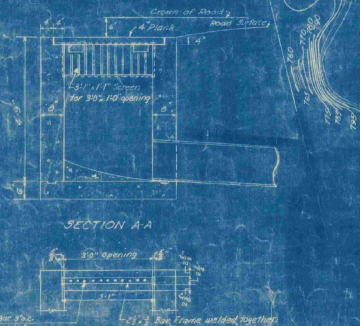
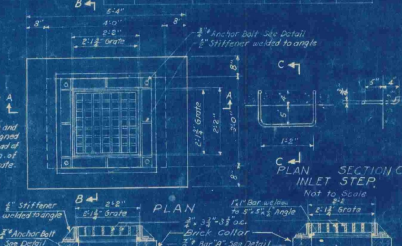
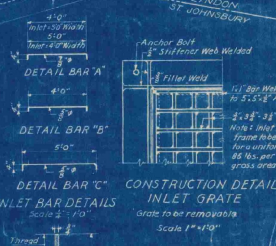
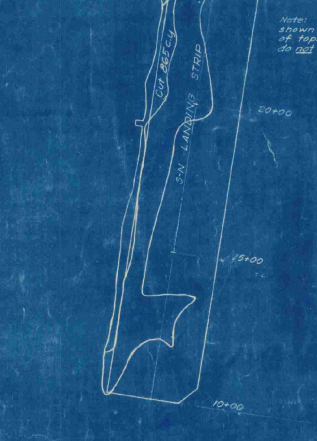
CONTRACT DRAWING SHEET NO. 4 OF 11

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



HEADWALL SCHEDULE

Diag. of Pipe	Cut Conc. Headwall	A	B	C	D	E
12"	6"	15"	31"	10"	6"	6"
10"	6"	15"	31"	10"	6"	6"



LEGEND

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

Approximate Limits of Existing
Elevations are based on Mean Sea Level (U.S. Geologic Survey)

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

ST. JOHNSBURY, VT.

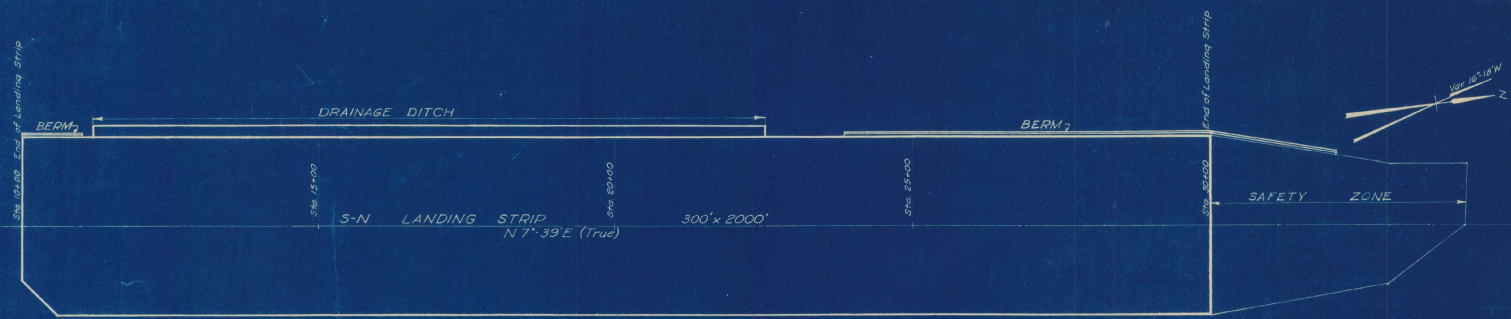
**GRADING AND DRAINAGE;
GRADING DISTRIBUTION AND
SEEDING PLANS AND DETAILS**

SCALE AS NOTED SEPTEMBER, 1948

RAY, SMITH & THORNDIKE, ENGINEERS, BOSTON-NEW YORK

108 08.5a

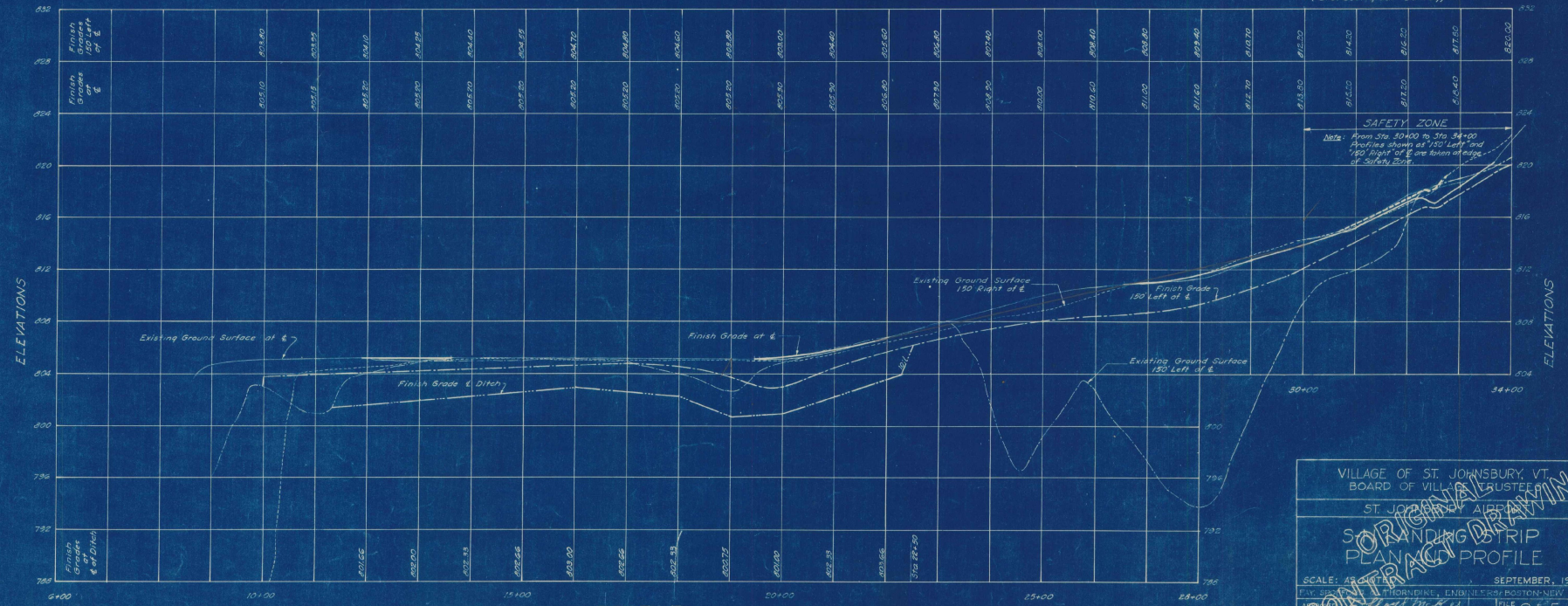
CONTRACT DRAWING SHEET NO. 5 OF 11



PLAN
Scale 1"=100'

LEGEND
 ———— Finish Grade for $\frac{1}{2}$ of Landing Strip
 - - - - - Existing Ground Surface of $\frac{1}{2}$
 - - - - - " " " " 150' Right of $\frac{1}{2}$
 - - - - - " " " " 150' Left of $\frac{1}{2}$
 - - - - - Finish Grade 150' Left of $\frac{1}{2}$
 - - - - - Finish Grade of Drainage Ditch $\frac{1}{2}$
 - - - - - Finish Grade 150' Right of $\frac{1}{2}$

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



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

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

ORIGINAL CONTRACT DRAWING

LANDING STRIP PLANNING PROFILE

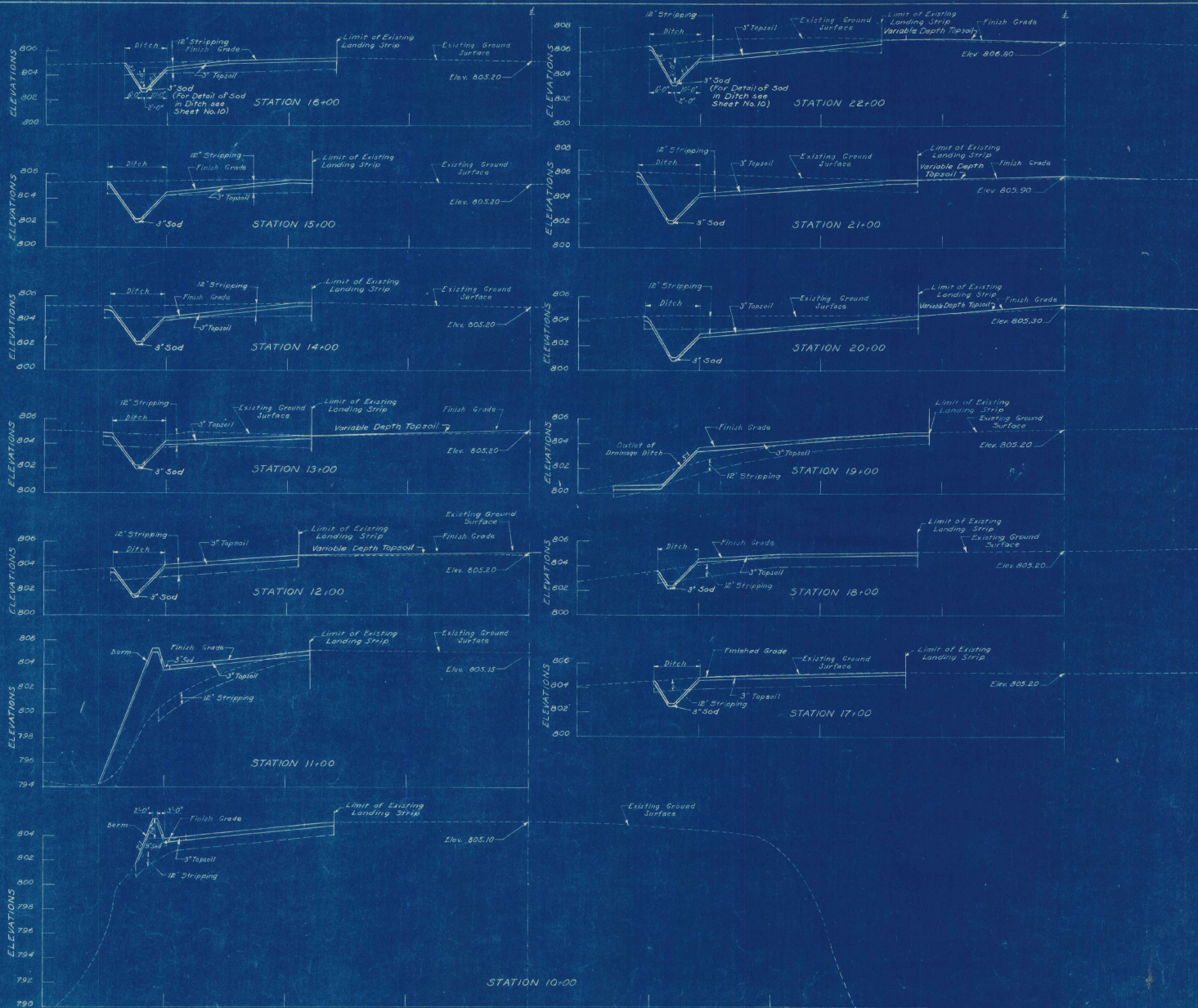
SCALE: AS SHOWN SEPTEMBER, 1946

FILE NO. 05-5a
 PLAN NO. 6

PARTNER IN CHARGE

CONTRACT DRAWING SHEET NO. 6 OF 11

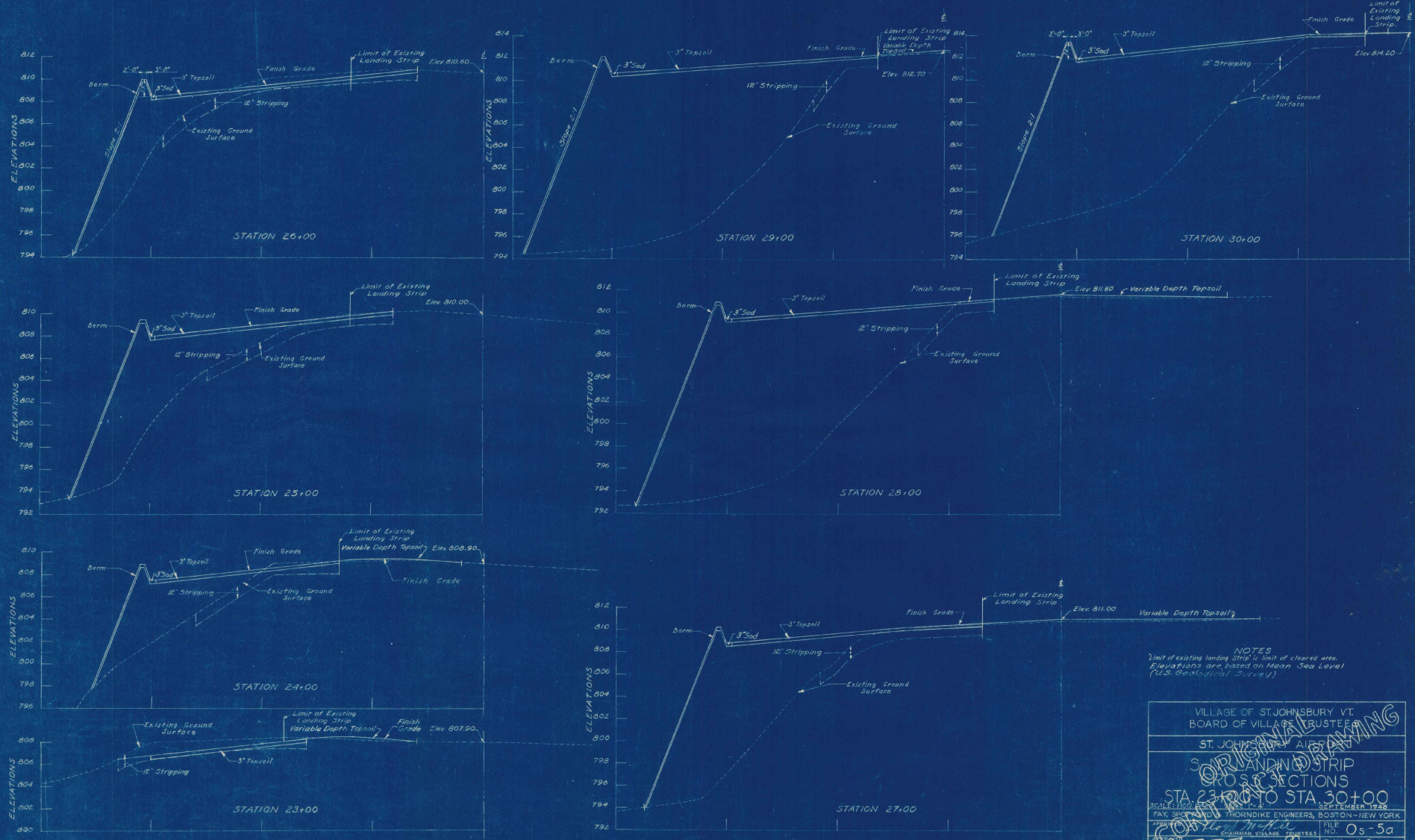
W. A. F. S.
 R. P. E. S.
 R. L. T. M.
 W. L. T. M.



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. JOHN RAY	CHAIRMAN
ORIGINAL DRAWING	
LANDING STRIP	
CROSS SECTIONS	
STA. 10+00 TO STA. 22+00	
SCALE: HORIZ. 1" = 40'	VERT. 1" = 4'
DATE: NOV. 1948	FILE: Os-5a
RAY, SPERRY AND THORNDIKE ENGINEERS, BOSTON-NEW YORK	
RAY, SPERRY AND THORNDIKE ENGINEERS	CHAIRMAN, VILLAGE TRUSTEES
ALBERT E. THORNDIKE	PLAN NO. 17

SH. H.S.
 C. H.C.E.
 R. C.C.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 AIRPORT
 STRIP PROJECTIONS
 STA 23+00 TO STA 30+00

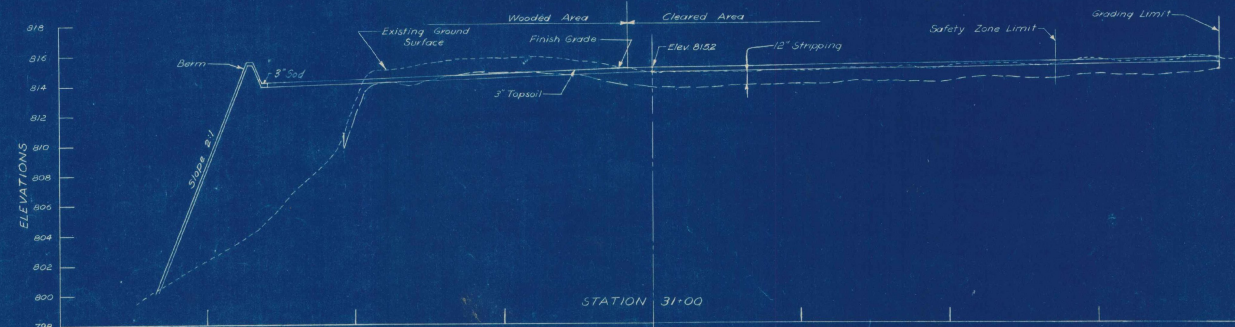
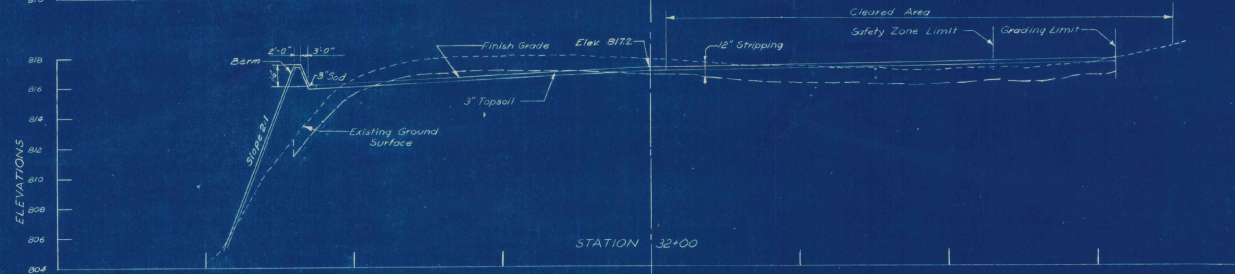
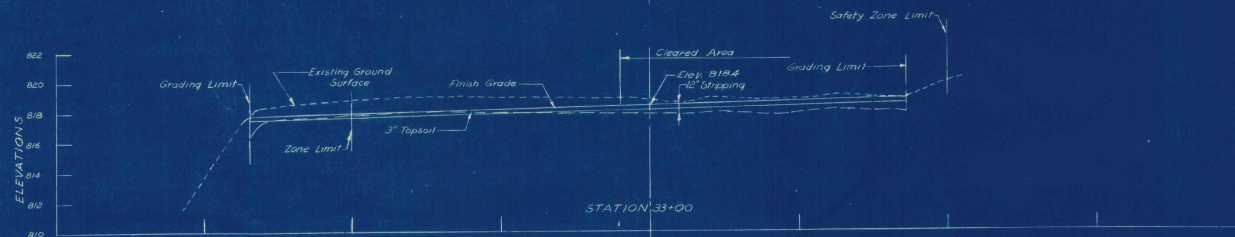
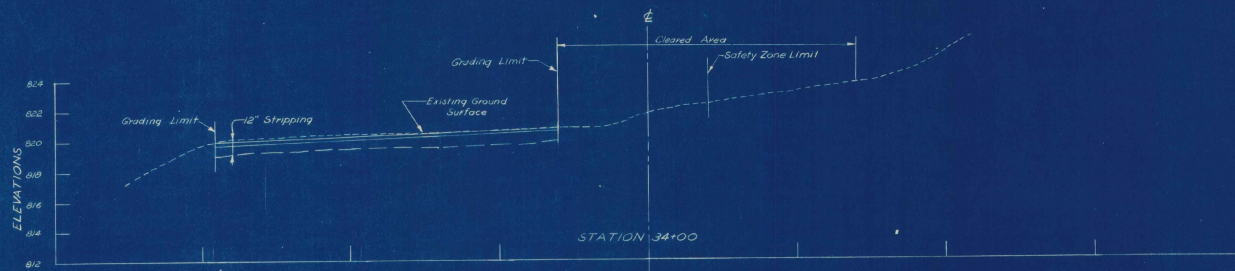
SCALE: 1" = 20' HORIZ. 1" = 4' VERT.

FAY, SPENCER & THORNDIKE ENGINEERS, BOSTON-NEW YORK
 SEPTEMBER 1938

FILE NO. 05-5a
 PLAN NO. 18

CONTRACT DRAWING SHEET NO. 6 OF (11)

3. M.P.S.
 2. M.P.E.
 1. C.E.D.
 1. L.P.A.

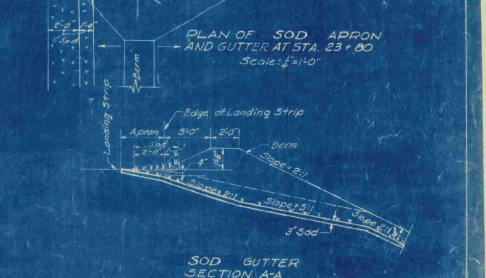
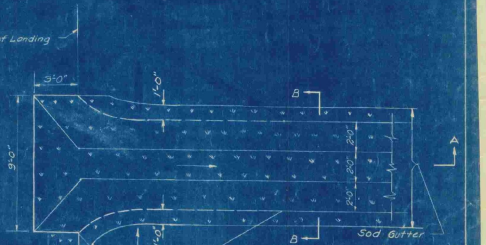
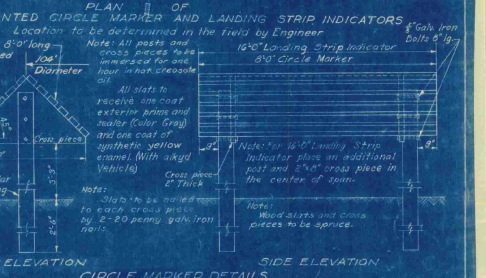
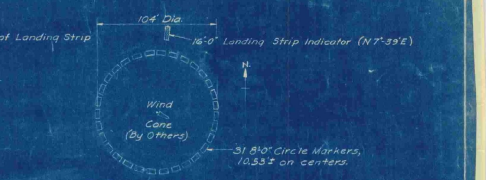
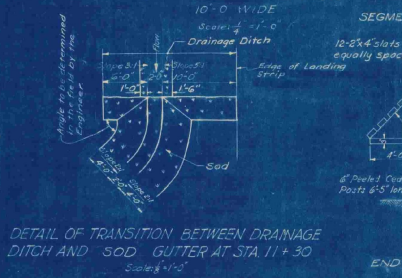
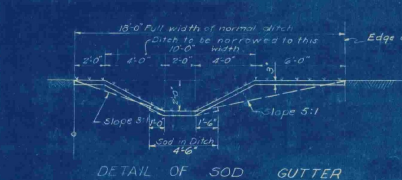
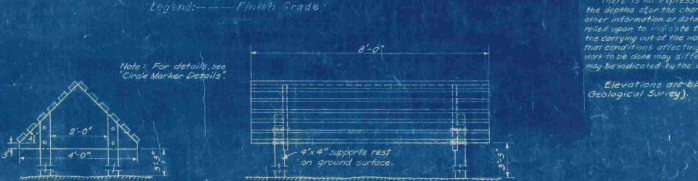
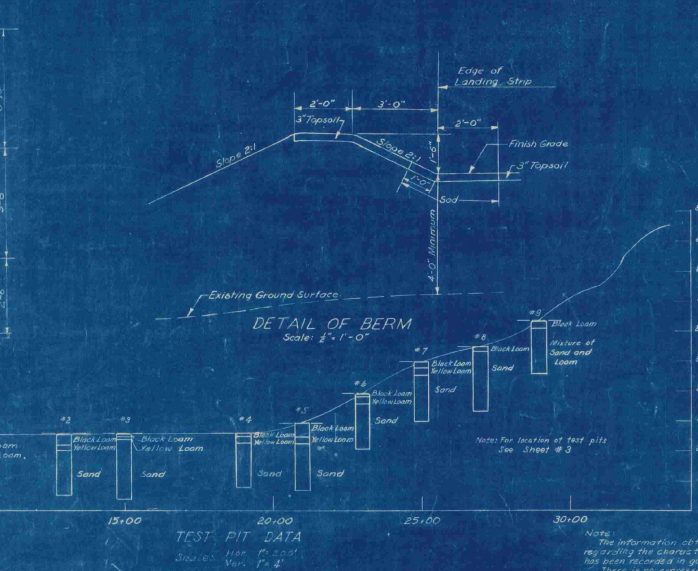
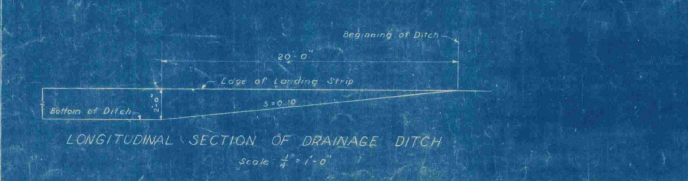
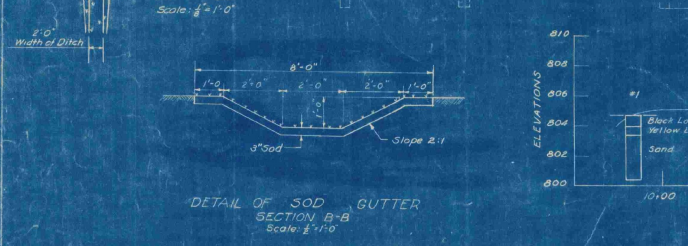
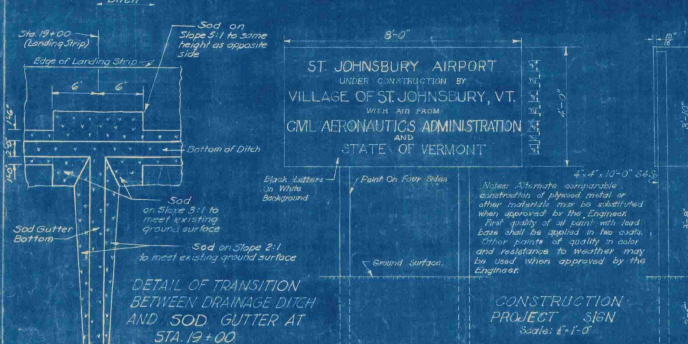
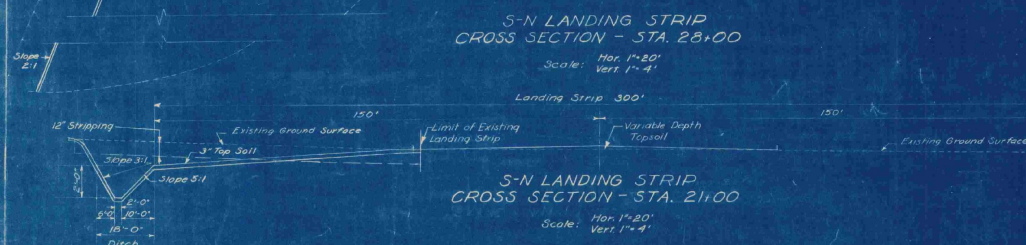
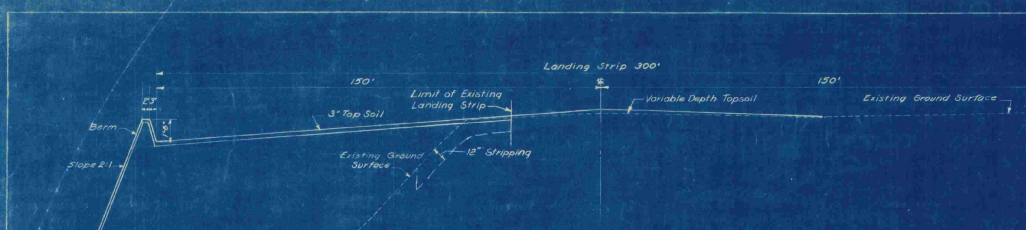


Note:
Elevations are based on Mean Sea Level
(U.S. Geological Survey)

VILLAGE OF ST. JOHNSBURY, VT.
BOARD OF VILLAGE TRUSTEES
ST. JOHNSBURY AIRPORT
SOUTH LANDING STRIP
CROSS SECTION - SAFETY ZONE
STA 31+00 TO STA 34+00
SCALE: HORIZONTAL 1" = 100' VERTICAL 1" = 4'
SEPTEMBER 1948
FAY SPENCER AND THORNDIKE ENGINEERS, BOSTON, NEW YORK

DATE	BY	FILE NO.
NOV 1948	W. L. M.	Os-5a
NOV 1948	W. L. M.	19

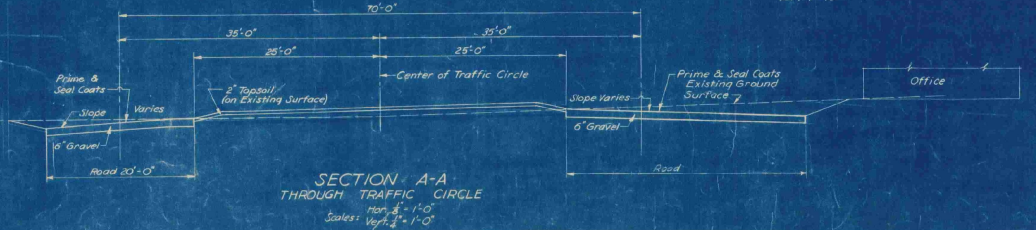
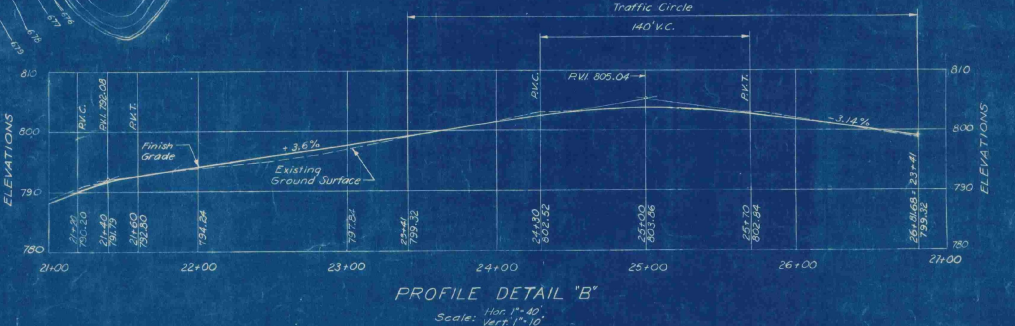
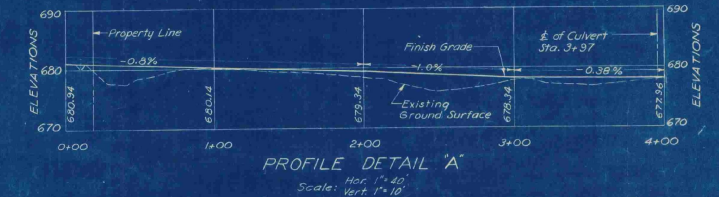
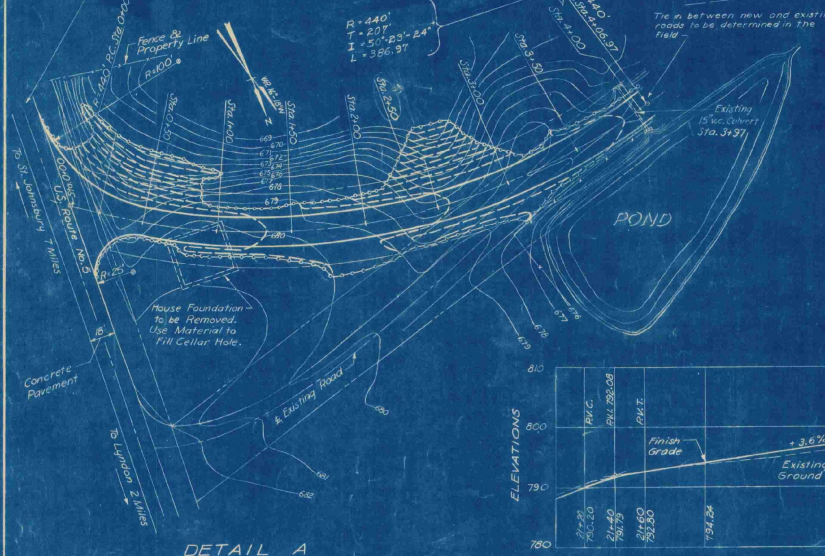
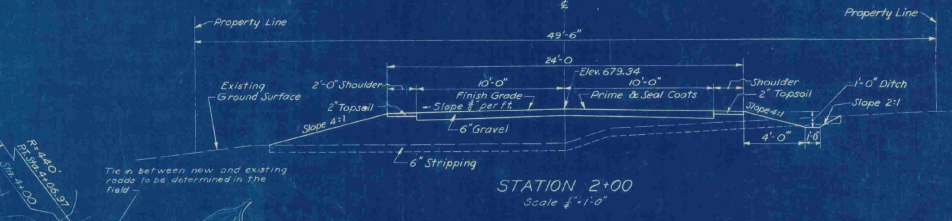
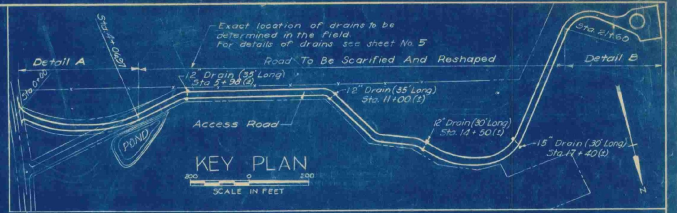
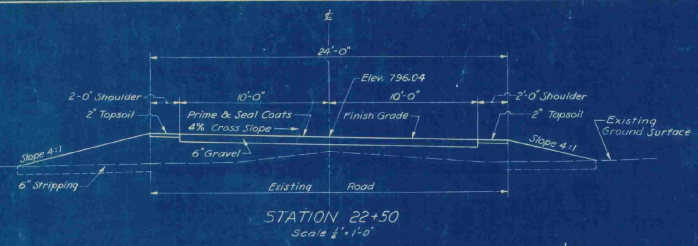
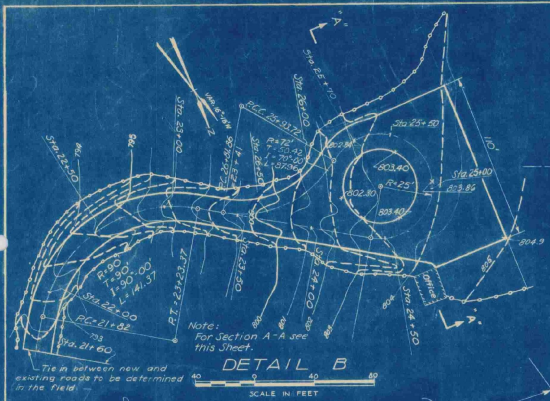
SCALE
LBT
LBT
LBT



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

ST. JOHNSBURY AIRPORT
TYPICAL CROSS SECTIONS
TEST PIT DATA AND DETAILS

SEPTEMBER 1948
SCALE AS SHOWN
RAY BRIDGEMAN ENGINEERS, BOSTON-NEW YORK
CONTRACT DRAWING 0-5a
SHEET NO. 10 OF 11



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 CONTRACT DRAWING

SCALE: AS SHOWN SEPTEMBER, 1948

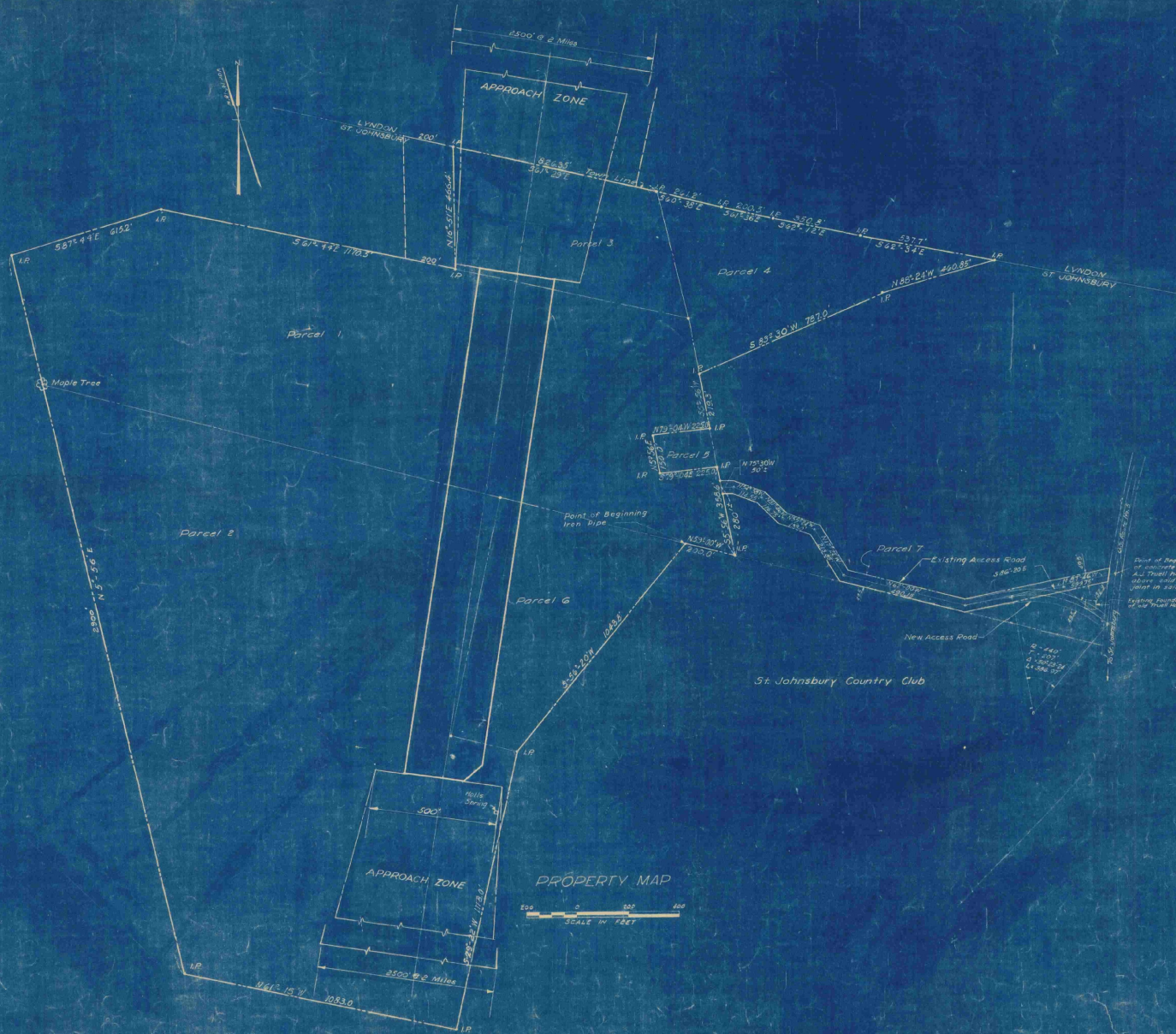
FAY, SPENCER & THORNDIRE ENGINEERS, BOSTON-NEW YORK

Os-5a

13

CONTRACT DRAWING SHEET NO. 11 OF 11

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



- 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 owners. Information shown on this Plan pertaining to existing property lines is from data 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. S.P.W.	IN D.F.M.
DR. D.F.M.	CHK. I.S.T. JR.
APPROVED: <i>[Signature]</i>	FILE NO. 09-5a
	PLAN NO. 11