

HARTNESS

TOWN OF SPRINGFIELD
VERMONT

SHEET	TITLE INDEX
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2	LAYOUT PLAN
3	RUNWAY - PROFILE & PAVING
4	PAVING & RUNWAY CROSS SECTIONS
5	TAXIWAY PLAN AND PROFILE
6	MASTER PLAN

ESTIMATES OF MAJOR ITEMS	
ITEM	QUANTITIES
COMMON EXCAVATION	7420 CU.YDS.
BORROW EXCAVATION	10640 CU.YDS.
WATERING (1000 GAL.PER UNIT)	35 UNITS.
CRUSHED AGGREGATE BASE	4300 CU.YDS.
AGGREGATE BITUMINOUS COURSE	2162 TONS
BITUMINOUS MATERIAL SURFACE COURSE	37940 GALS.
COVER AGGREGATE SEAL COAT	170 TONS
BITUMINOUS SEAL COAT	3350 GALS.
TOPSOIL	
PREPARING GROUND	3 ACRES
TOPSOIL	4040 CU.YDS.
SEEDING	
PREPARING GROUND	3 ACRES
LIMING & FERTILIZING	3 ACRES
SOWING	3 ACRES

RECONSTRUCTION PLANS
FOR

HARTNESS MUNICIPAL AIRPORT

GRADING, TURFING, PAVING AND SEEDING

MAY 1954

VT. AERONAUTICS COMMISSION

APPROVED _____ CHAIRMAN

DATE - _____

APPROVED E. F. Knapp DIRECTOR

DATE - Aug. 20, 1954

SPRINGFIELD

APPROVED Leon P. Aldrich CHAIRMAN

DATE - Aug. 23, 1954

APPROVED Leon P. Aldrich CHAIRMAN AIRPORT COMM.

DATE - Aug. 23, 1954

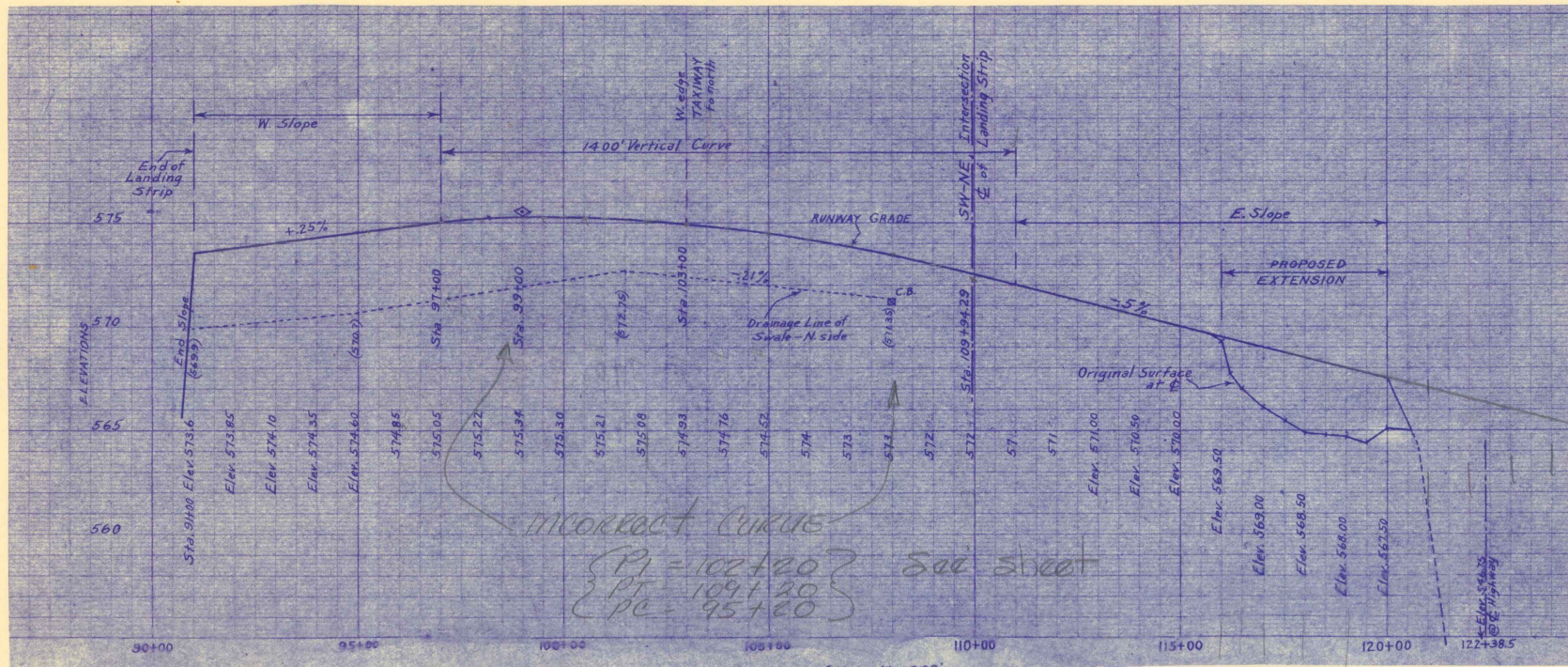
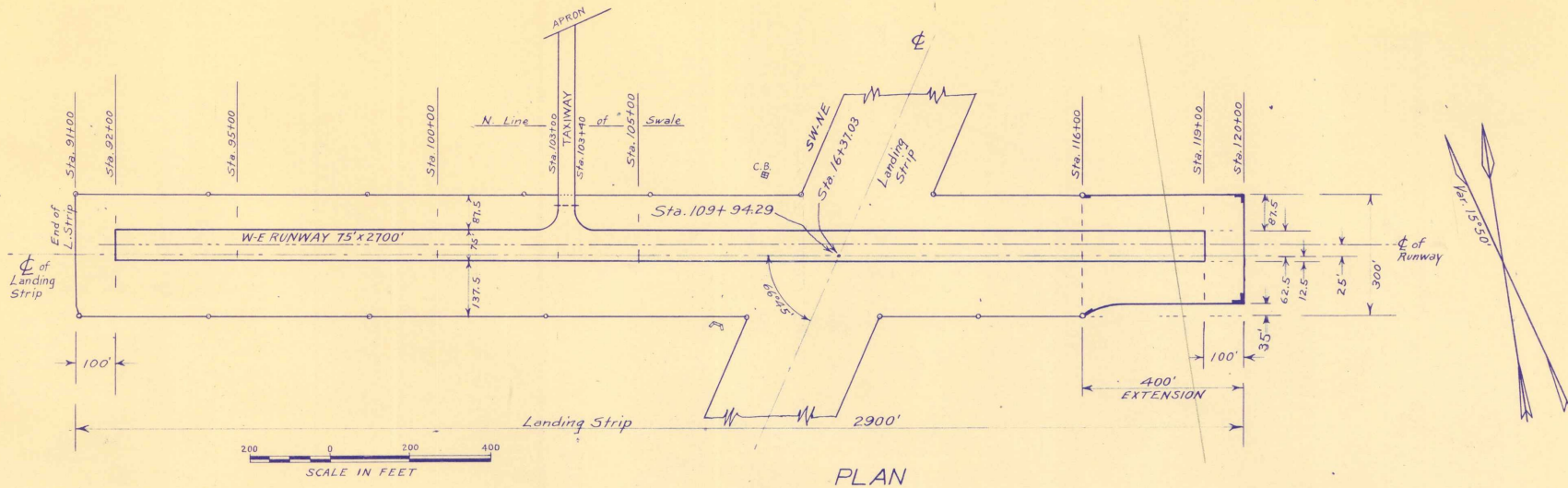
PREPARED BY

APPROVED Lewis J. Basso ENGINEER

DATE - August 23, 1954

APPROVED J. L. Giddings MANAGER

DATE - Aug. 23, 1954



- LEGEND
- Landing Strip ϕ
 - Runway Center Line
 - Extension Lines
 - Elev. in Swale
 - Present Elev. ϕ Extension
 - Top of Grade

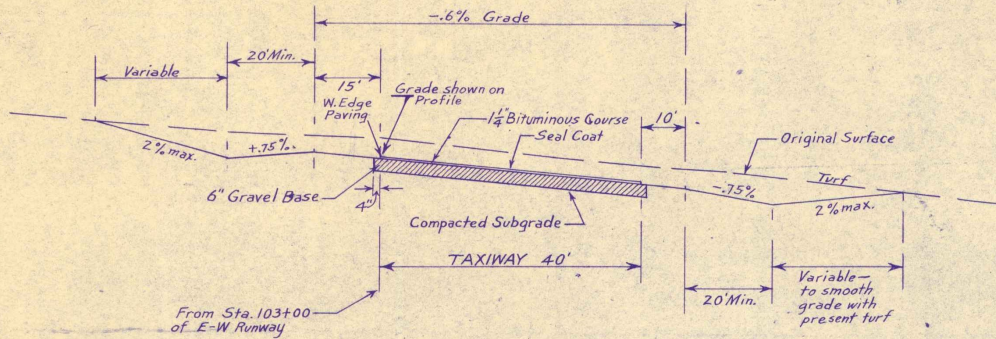
HARTNESS MUNICIPAL AIRPORT

RUNWAY PROFILE & PAVING

SCALE: AS NOTED JULY 21, 1954

APPROVED: *Dean R. Walden* CHAIRMAN AIRPORT COMM.

APPROVED: *Lewis D. Bass* ENGINEER.



NOT TO SCALE

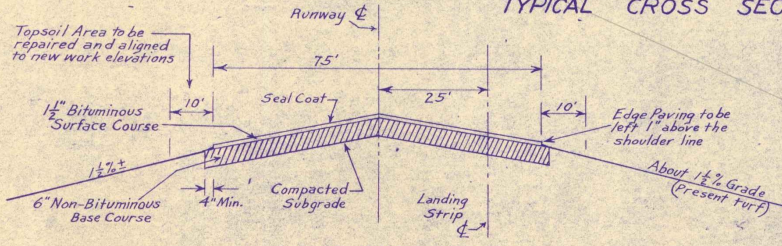
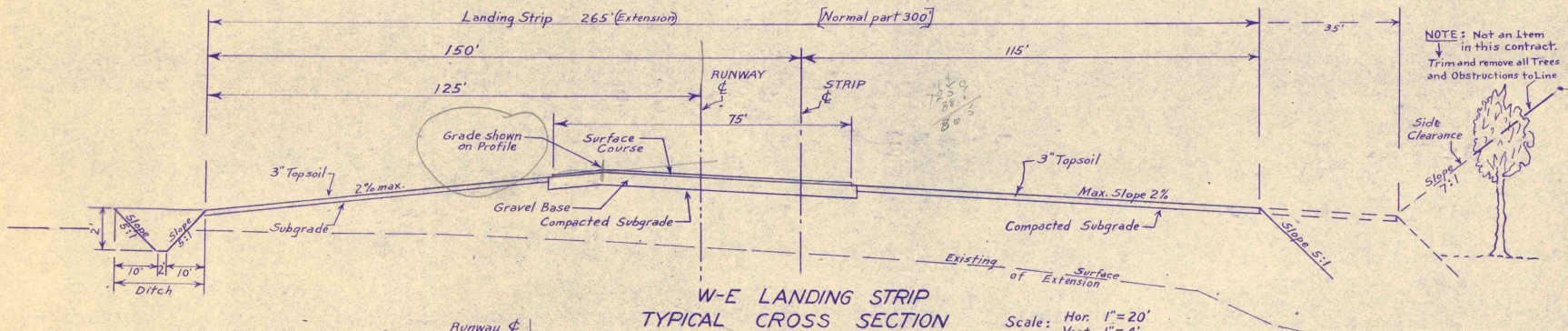
TYPICAL TAXIWAY SECTION

STA. 2+70 to 3+25

Transverse Grade at Sta. 1+12.5 and 5+53.5 to conform to surface of each

LEGEND

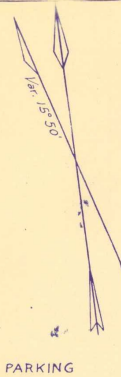
- Landing Strip ϕ
- Runway Center Line
- Original Surface



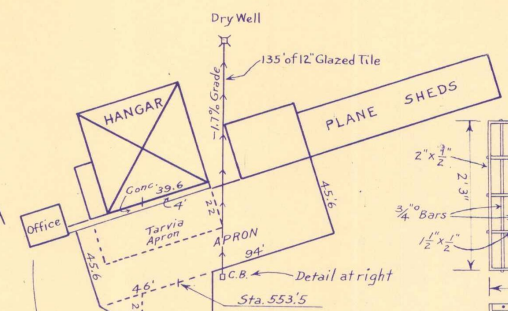
TYPICAL PAVING SECTION

NOT TO SCALE

HARTNESS MUNICIPAL AIRPORT	
PAVING & RUNWAY CROSS SECTIONS	
SCALE: AS NOTED	JULY 27, 1954
APPROVED: <i>Leon R. Aldrich</i>	CHAIRMAN AIRPORT COMM.
APPROVED: <i>Lewis S. Basso</i>	ENGINEER.

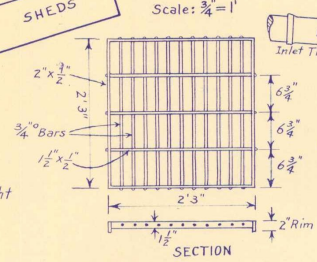


PARKING

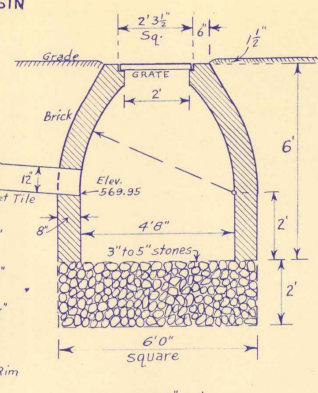


LEACHING BASIN

GRATE PLAN
Scale: 3/4" = 1'

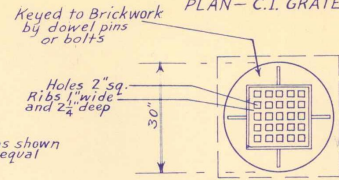


CROSS SECTION FOR TAXIWAY ON SHEET 4



Scale: 3/8" = 1'
DETAIL SECTION

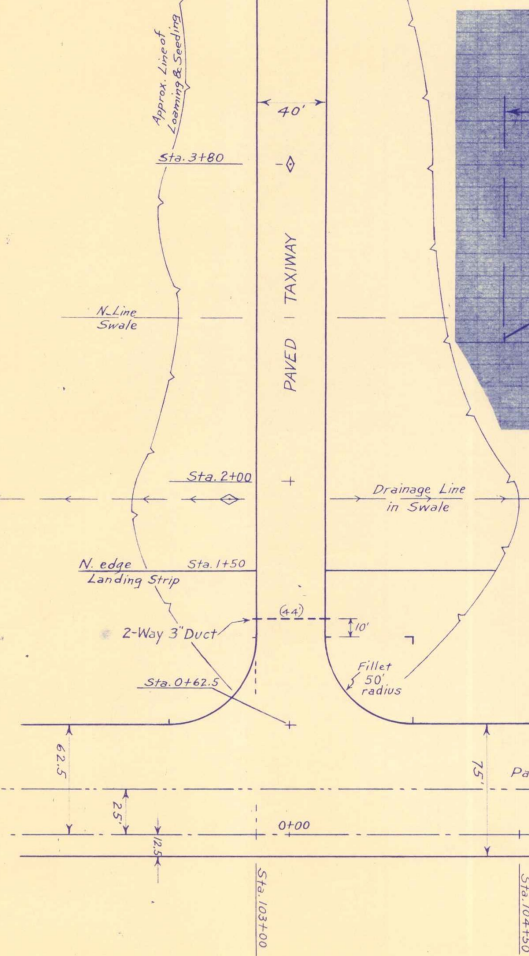
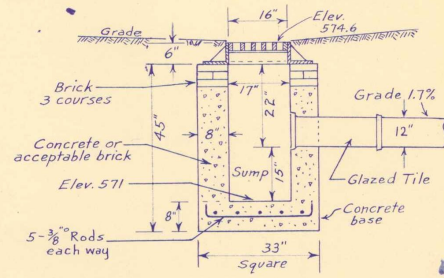
PLAN - C.I. GRATE & FRAME



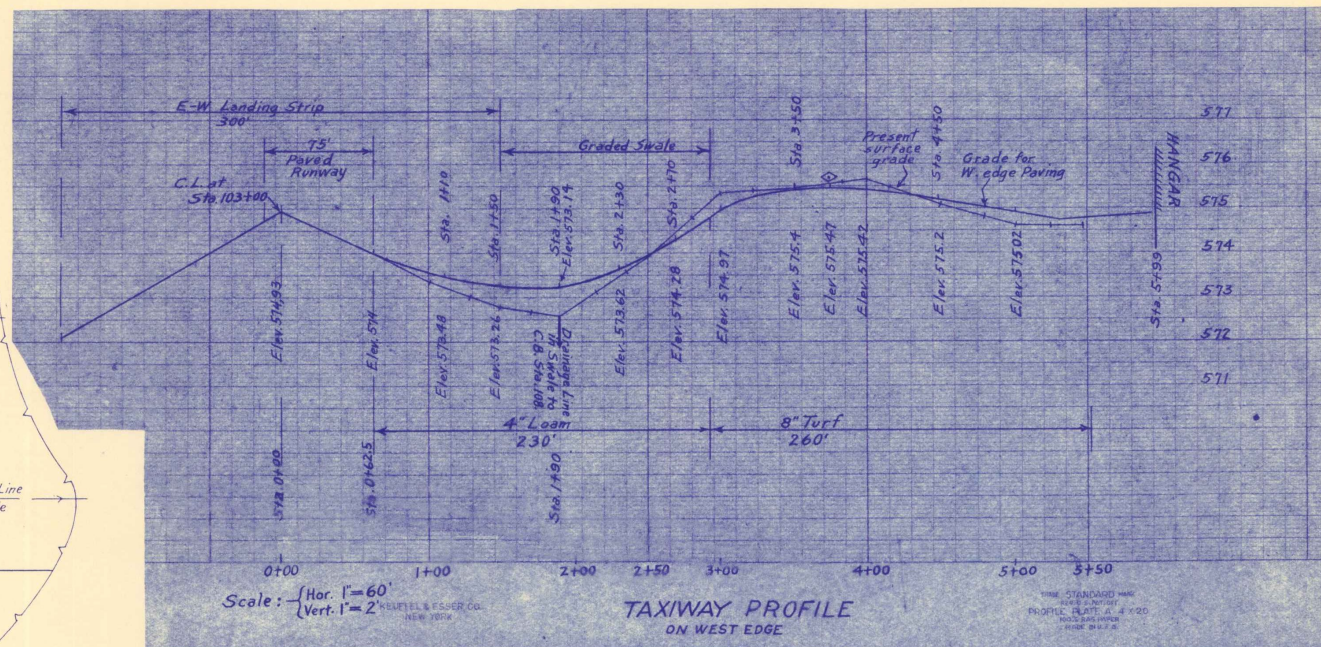
NOTE: Grate as shown or equal

Scale: 1/2" = 1'

CATCH BASIN
DETAIL SECTION



Scale: 1" = 50'



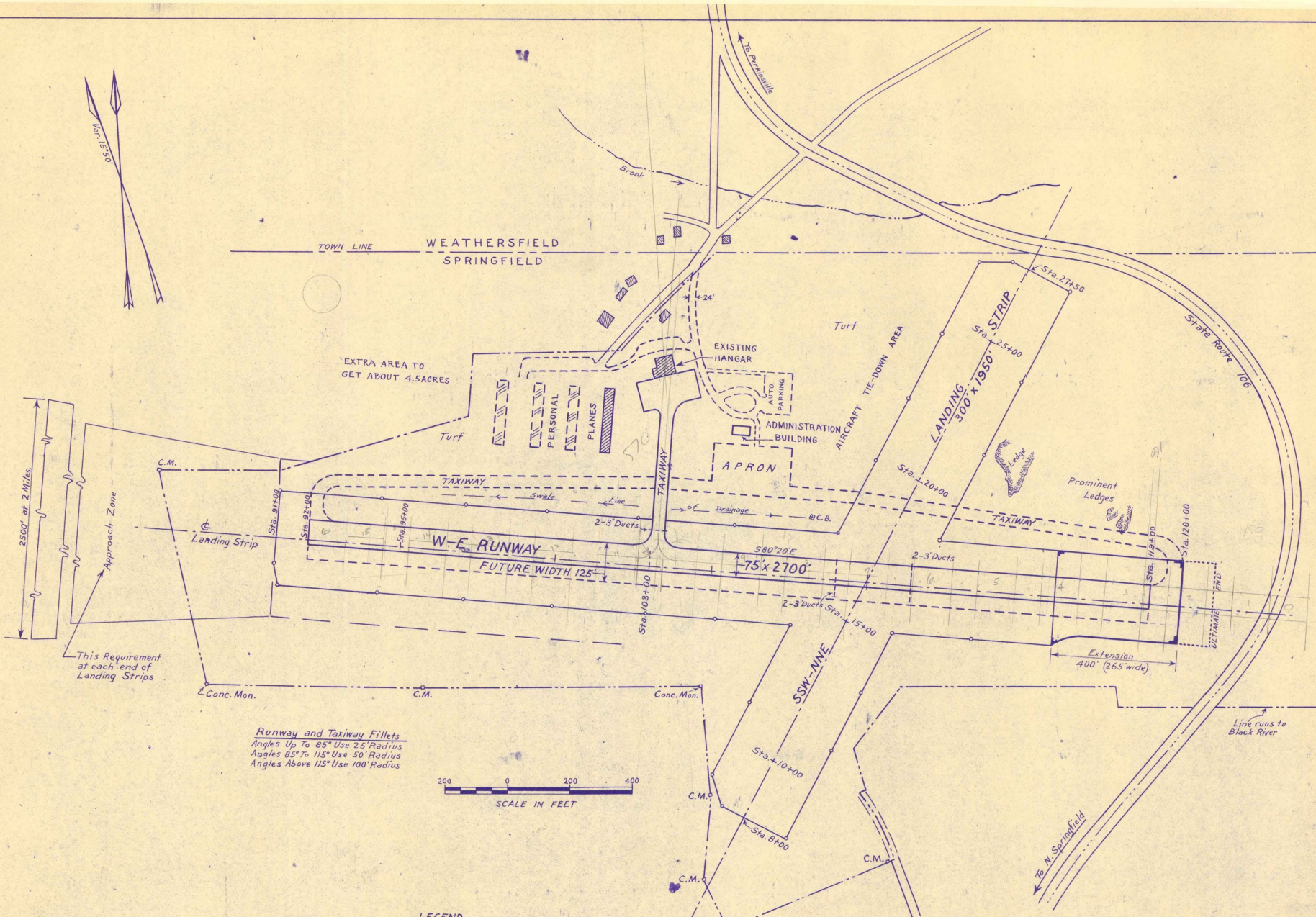
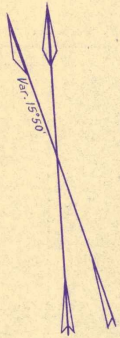
Scale: Hor. 1" = 60'
Vert. 1" = 2'

TAXIWAY PROFILE
ON WEST EDGE

LEGEND

- Landing Strip ϕ
- Runway Center Line
- Duct (wires)
- Top of Grade
- Drain Tile
- Seeding Outline
- Original Grade

HARTNESS MUNICIPAL AIRPORT	
TAXIWAY PLAN & PROFILE	
SCALE: AS NOTED	JULY 27, 1954
APPROVED: <i>Leon P. Aldrich</i>	CHAIRMAN AIRPORT COMM.
APPROVED: <i>Lewis E. Bass</i>	ENGINEER.



Runway and Taxiway Fillets
 Angles Up To 85° Use 25' Radius
 Angles 85° To 115° Use 50' Radius
 Angles Above 115° Use 100' Radius



- LEGEND**
- Landing Strip Center Line
 - Property Line
 - Town Line
 - Limits of Landing Strip
 - Initial Construction
 - Future Construction
 - State Highway Center Line
 - Brook
 - ▨ Buildings
 - Runway Extension
 - 3" Ducts

HARTNESS MUNICIPAL AIRPORT	
MASTER PLAN	
REVISED	
SCALE: 1"=200'	JULY 27, 1954
APPROVED: <i>Leon P. Aldrich</i>	CHAIRMAN AIRPORT COMM.
APPROVED: <i>Lewis G. Bass</i>	ENGINEER.
APPROVED: _____	DISTRICT AIRPORT ENGINEER.

TOWN OF SPRINGFIELD VERMONT

SHEET

- 1 TITLE SHEET
- 2 LAYOUT PLAN
- 3 APRON - DRY WELLS

PAVING IMPROVEMENTS

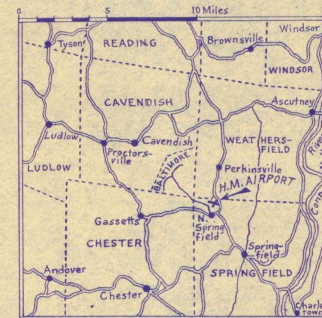
HARTNESS MUNICIPAL AIRPORT

1957

ESTIMATES OF MAJOR ITEMS

COMMON EXCAVATION	970	880	CU. YDS.
CRUSHED AGGREGATE BASE	635	550	CU. YDS.
BITUMINOUS TACK COAT	3630	4600	GALS.
PAVED SURFACE COURSE 1 1/2" & 2"	2178.1	2293	TONS
DRY WELLS		2	UNITS
PRIME COAT	1035	950	GALS.

LOCATION MAP



*Project No. 9-43-004-0802
as built
Nov. 7, 1957
L & B Assoc*

C.A.A.—DEPARTMENT OF COMMERCE

APPROVED _____ CHIEF AIRPORTS DIVISION
DATE — _____

APPROVED _____ DISTRICT AIRPORT ENGR.
DATE — _____

VT. AERONAUTICS COMMISSION

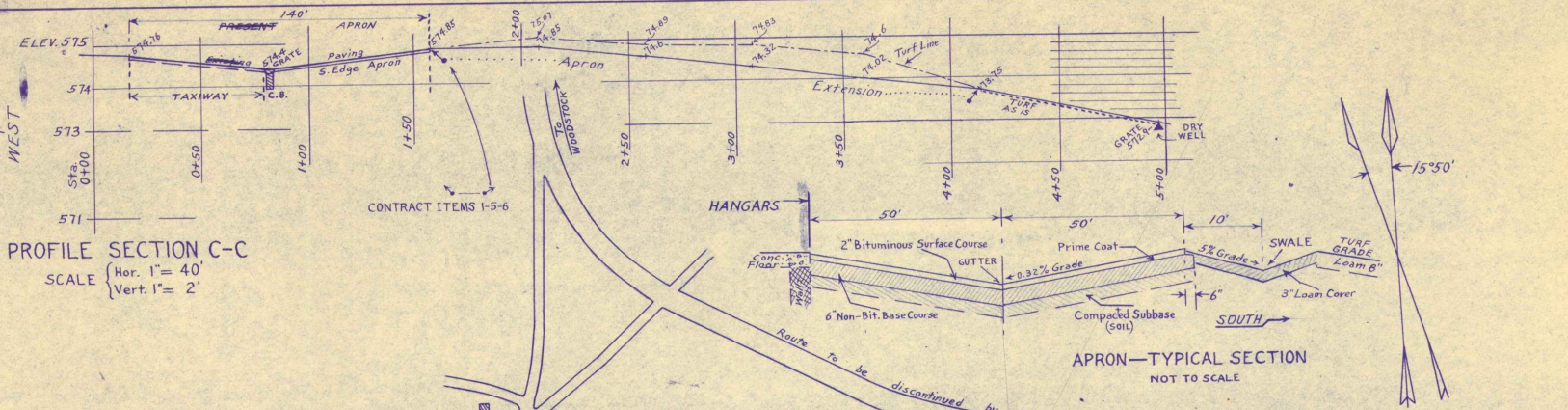
APPROVED _____ CHAIRMAN
DATE — _____

APPROVED _____ DIRECTOR
DATE — _____

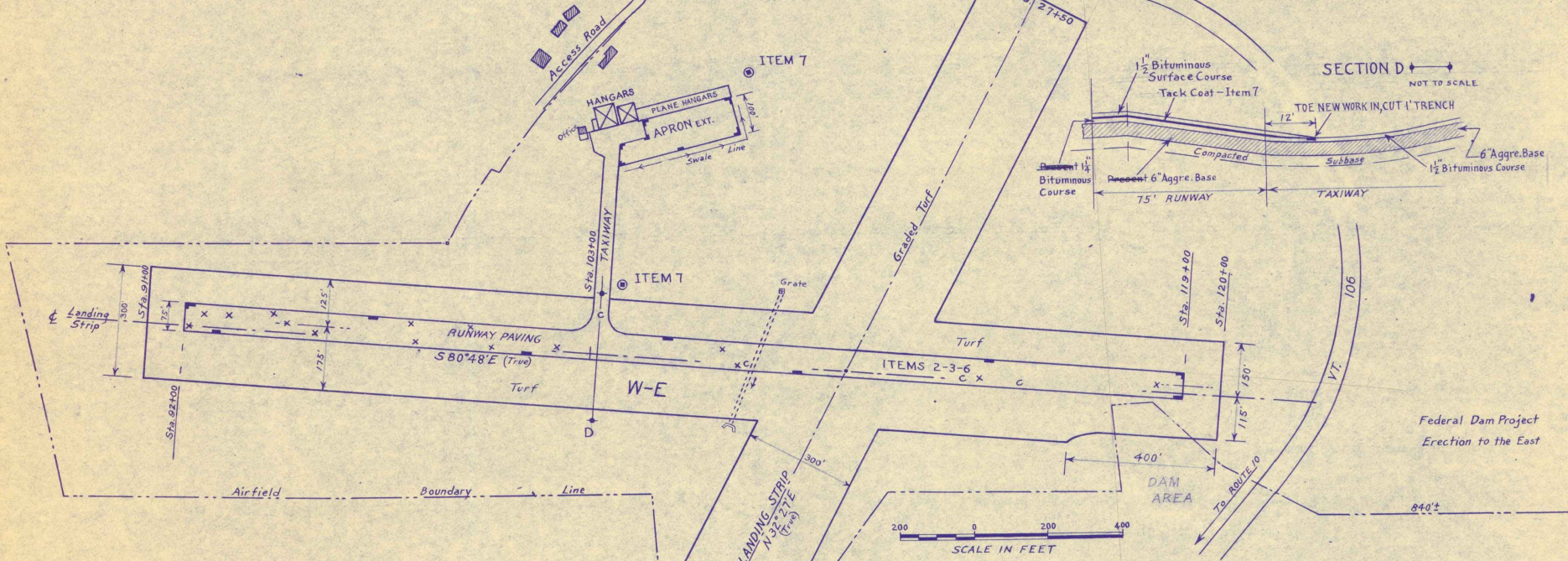
SPRINGFIELD

PREPARED BY Lewis G. Basso ENGINEER
DATE — August 13, 1957

APPROVED Harold C. Bellings CH. AIRPORT COMM.
DATE — August 13th 1957



WEATHERSFIELD SPRINGFIELD TOWN LINE



- LEGEND**
- Property Lines
 - - - Landing Strip
 - Runway Center Line
 - - - Town Line
 - Dry Well
 - Contract Area
 - x Repair Runway Course
 - c Repair Cracks

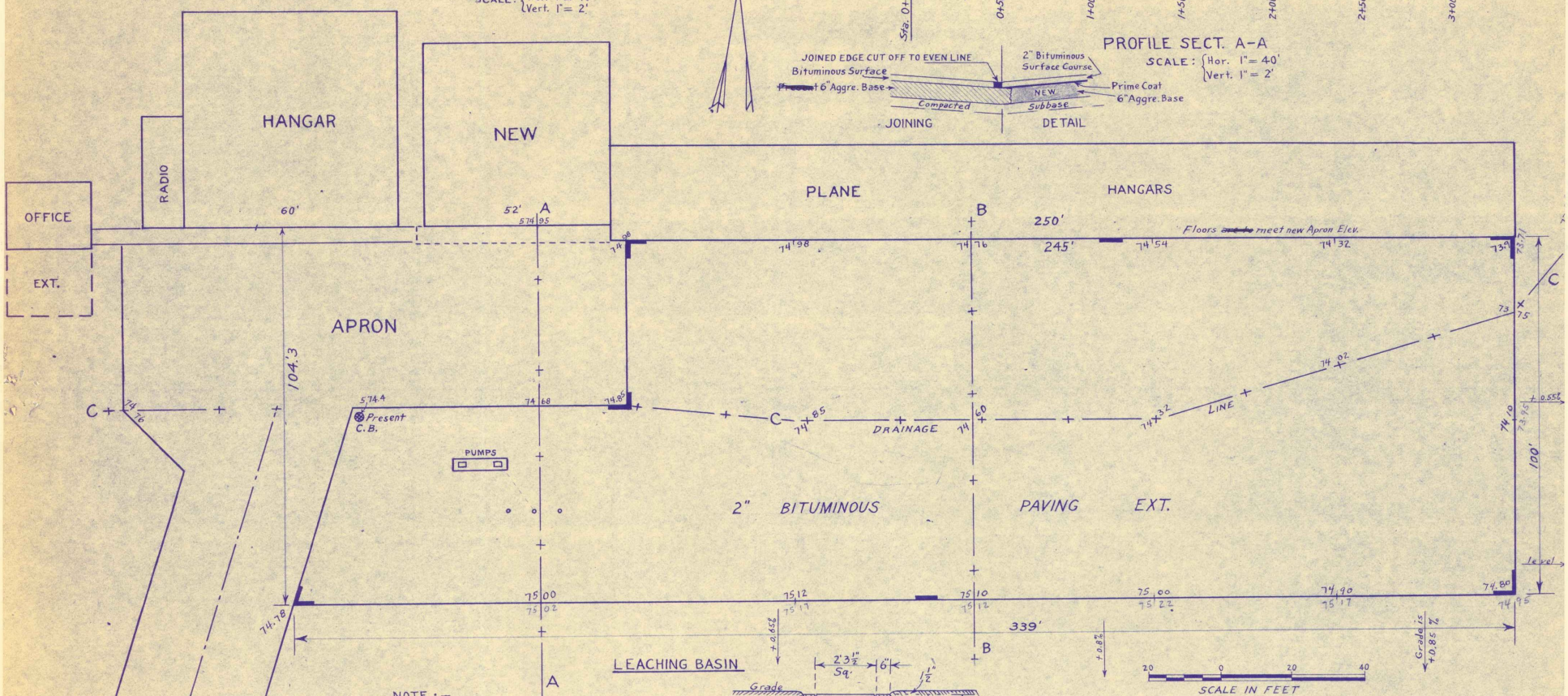
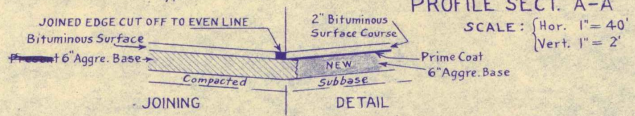
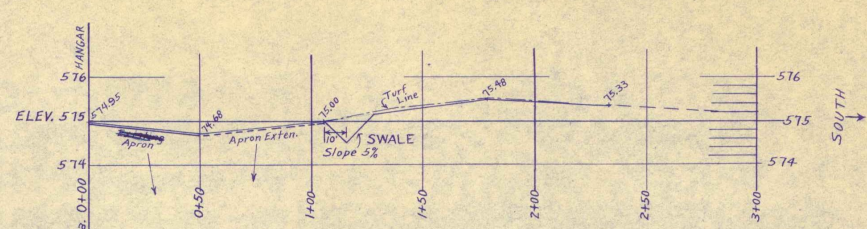
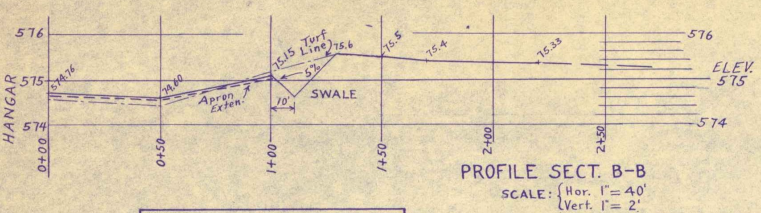
HARTNESS MUNICIPAL AIRPORT

LAYOUT PLAN

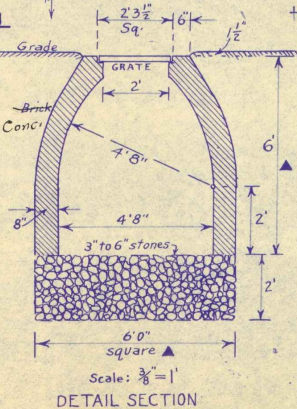
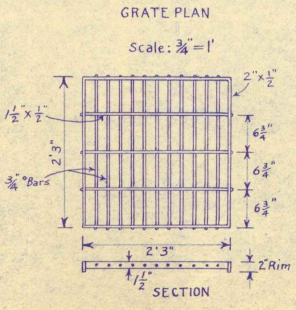
SCALE: AS NOTED Aug. 13, 1957

APPROVED: *Harold C. Billings* CHAIRMAN AIRPORT COMM.

APPROVED: *Lewis G. Basso* ENGINEER.



NOTE: -
▲ 5' AT THE PLANE SHEDS



*As built
L. Basso*

HARTNESS MUNICIPAL AIRPORT	
APRON - DRY WELLS	
SCALE: AS NOTED	Aug. 13, 1957
APPROVED: <i>Harold C. Billings</i>	CHAIRMAN AIRPORT COMM.
APPROVED: <i>Lewis S. Basso</i>	ENGINEER.

LIGHTING PLANS
FOR
HARTNESS MUNICIPAL AIRPORT
AT
SPRINGFIELD, VERMONT.

— • COMPRISING 2 DETAIL SHEETS • —

VERMONT AERONAUTICS COMMISSION	
APPROVED _____	CHAIRMAN
DATE _____	
APPROVED _____	DIRECTOR
DATE _____	

SPRINGFIELD	
APPROVED <u>Ben R. Aldrich</u>	CHAIRMAN OF SELECTMEN
DATE <u>Aug 20 1954</u>	
APPROVED <u>Ben R. Aldrich</u>	CHAIRMAN OF AIRPORT COMM.
DATE <u>Aug 20 1954</u>	

PREPARATION	
APPROVED _____	<u>L. Basso</u> ENGINEER
DATE <u>Aug. 18, 1954</u>	
APPROVED _____	
DATE _____	

TITLE SHEET

