

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

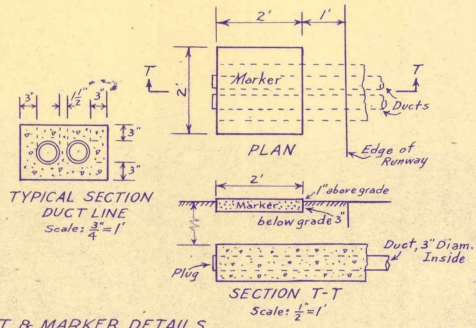
PREPARED BY

APPROVED Lewis J. Basso ENGINEER

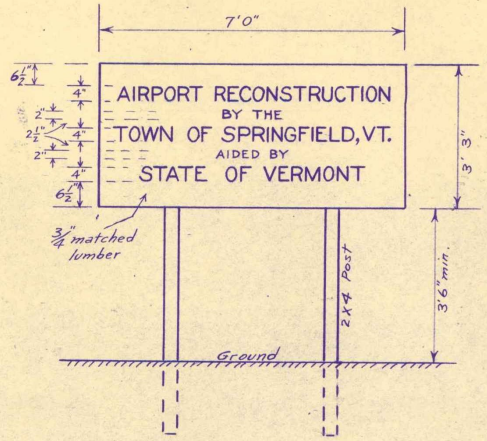
DATE - August 23, 1954

APPROVED J. L. Giddings MANAGER

DATE - Aug. 23, 1954

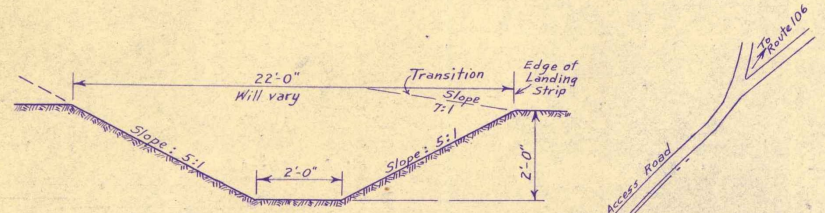


DUCT & MARKER DETAILS



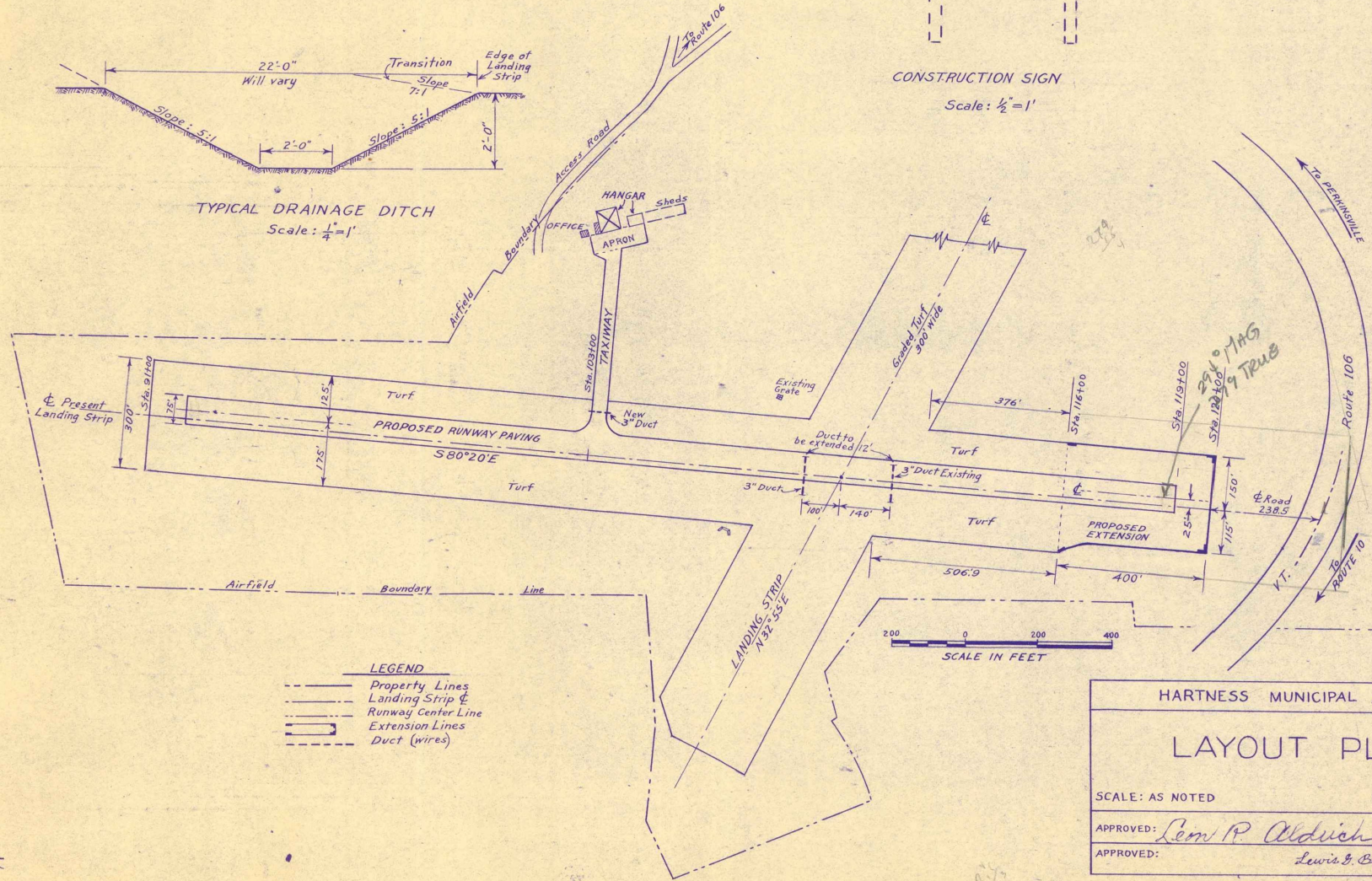
CONSTRUCTION SIGN

Scale:  $\frac{1}{2}'' = 1'$



TYPICAL DRAINAGE DITCH

Scale:  $\frac{1}{4}'' = 1'$



179.00  
50.00  
99.00  
100  
279.00 plus

HARTNESS MUNICIPAL AIRPORT

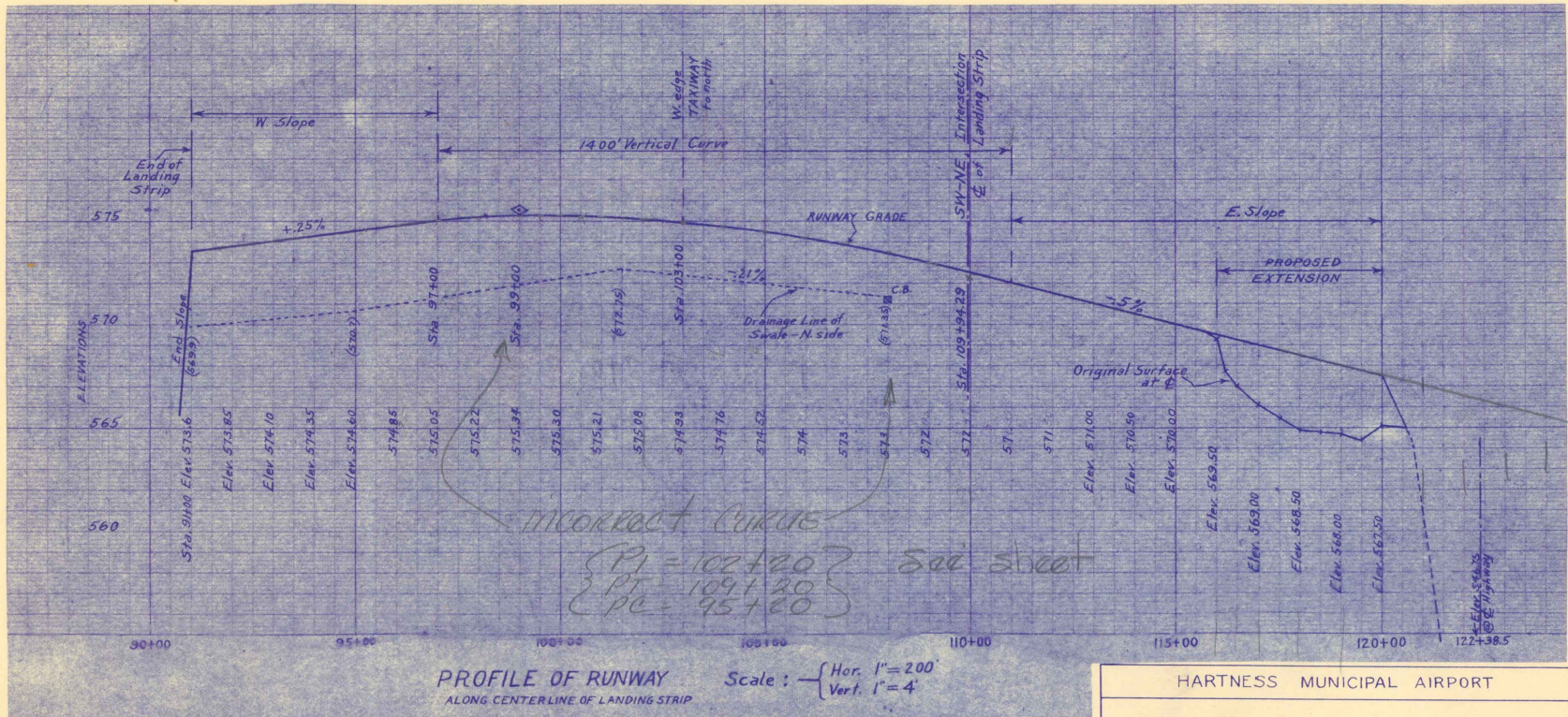
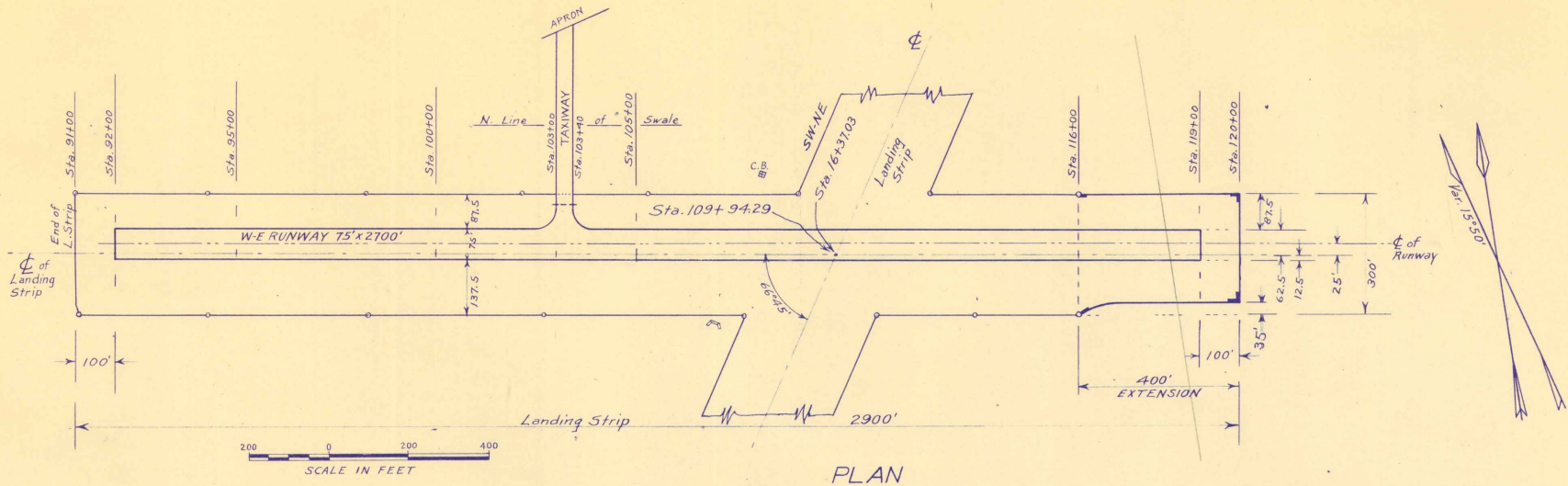
LAYOUT PLAN

SCALE: AS NOTED

JULY 27, 1954

APPROVED: *Lem P. Aldrich* CHAIRMAN AIRPORT COMM.

APPROVED: *Lewis & Casso* ENGINEER.



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

HARTNESS MUNICIPAL AIRPORT

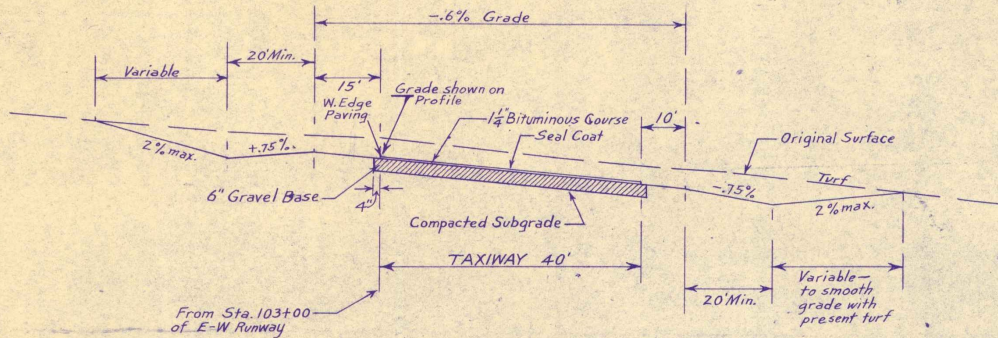
**RUNWAY PROFILE & PAVING**

SCALE: AS NOTED

JULY 21, 1954

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

APPROVED: *Lewis D. Bassor* ENGINEER.



NOT TO SCALE

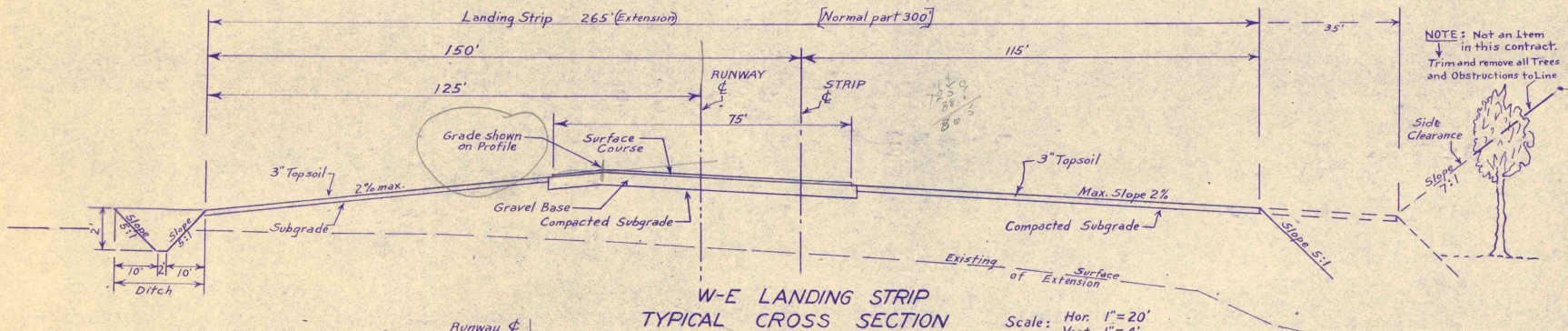
TYPICAL TAXIWAY SECTION

STA. 2+70 to 3+25

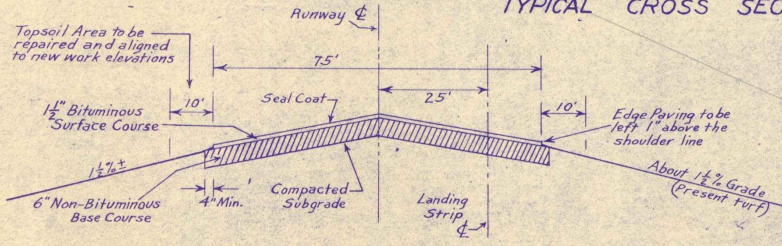
Transverse Grade at Sta. 1+12.5 and 5+53.5 to conform to surface of each

LEGEND

- Landing Strip  $\phi$
- Runway Center Line
- Original Surface



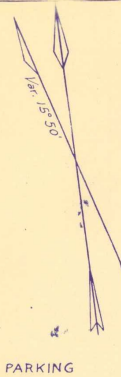
Scale: Hor. 1" = 20'  
Vert. 1" = 4'



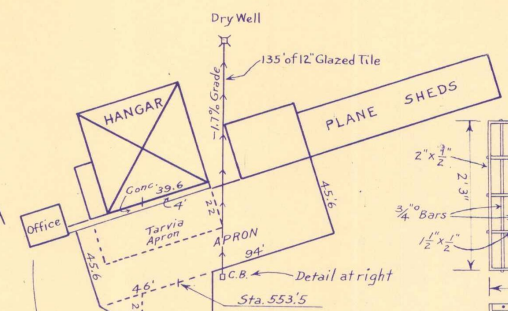
TYPICAL PAVING SECTION

NOT TO SCALE

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

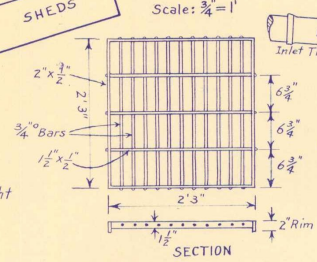


PARKING

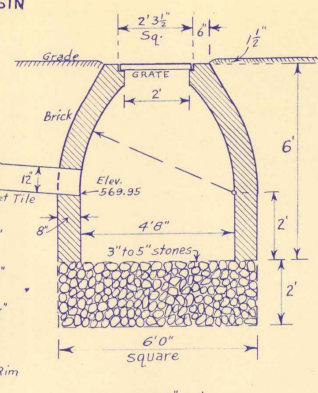


LEACHING BASIN

GRATE PLAN  
Scale: 3/4" = 1'

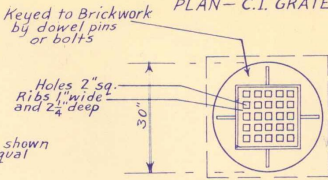


CROSS SECTION FOR TAXIWAY ON SHEET 4



Scale: 3/8" = 1'  
DETAIL SECTION

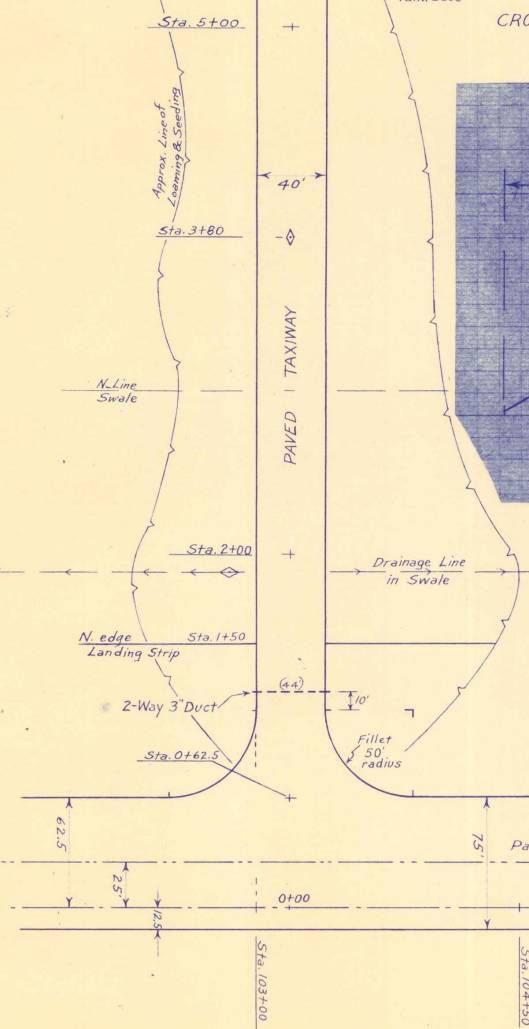
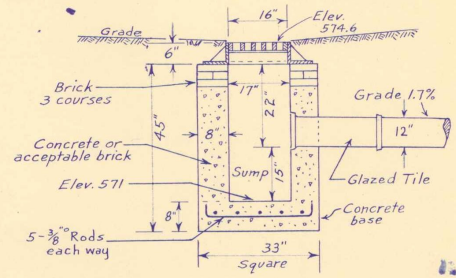
PLAN - C.I. GRATE & FRAME



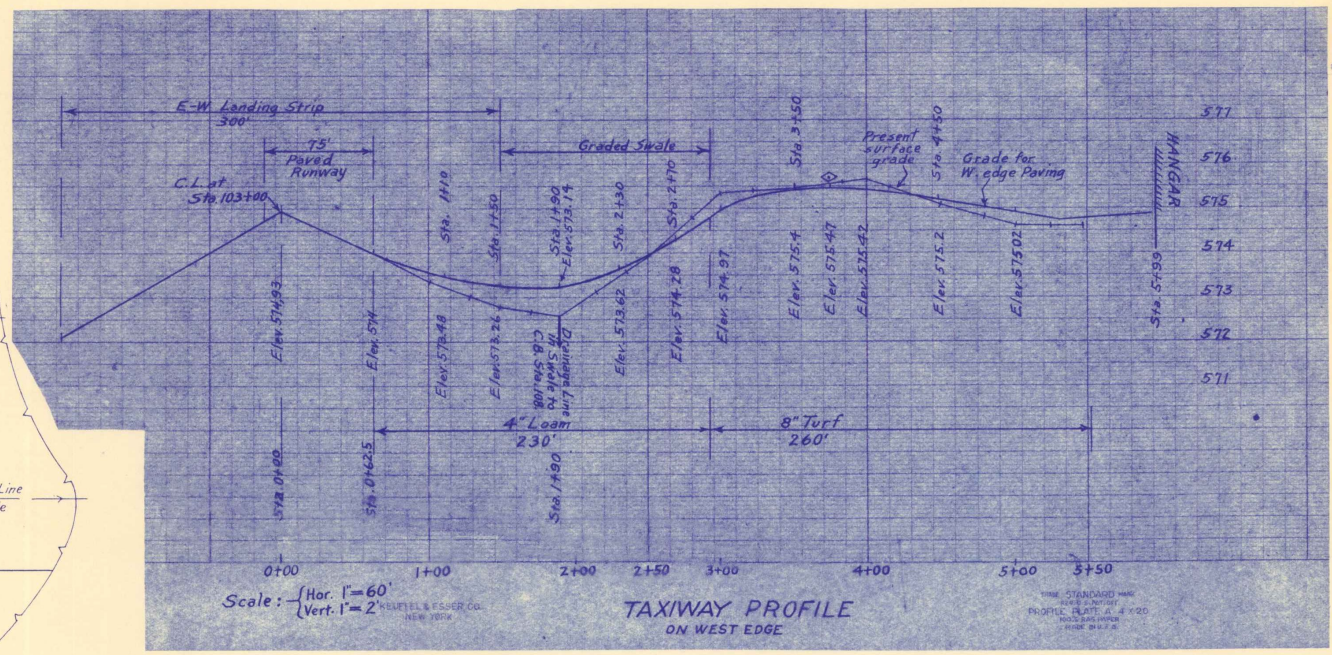
NOTE: Grate as shown or equal

Scale: 1/2" = 1'

CATCH BASIN  
DETAIL SECTION



Scale: 1" = 50'



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

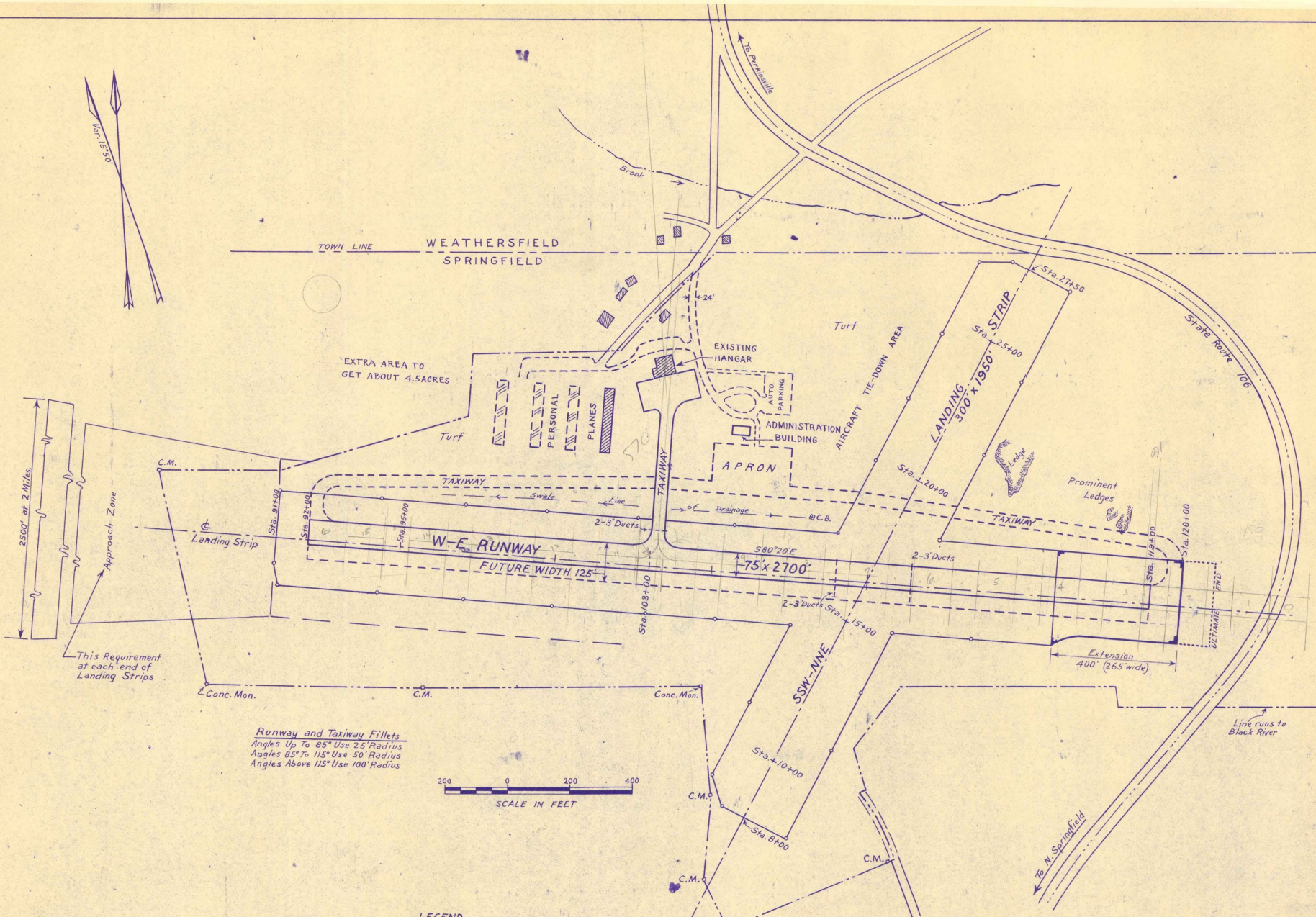
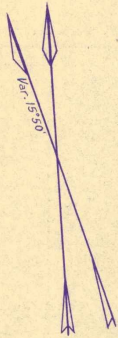
TAXIWAY PROFILE  
ON WEST EDGE

STANDARD MAP  
SCALE: 1" = 1000'  
PROFILE PLATE A 3 X 20  
MILLS & BOECHE  
ROSE BLDG. B.

LEGEND

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

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



2500' of 2 Miles  
Approach Zone

This Requirement at each end of Landing Strips

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

<b>HARTNESS MUNICIPAL AIRPORT</b>	
<b>MASTER PLAN</b>	
<b>REVISED</b>	
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

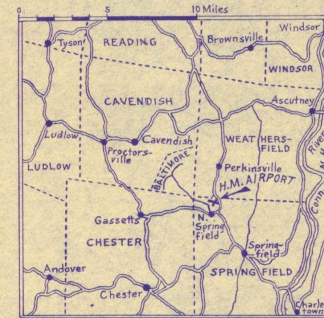
# HARTNESS MUNICIPAL AIRPORT

1957

### ESTIMATES OF MAJOR ITEMS

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

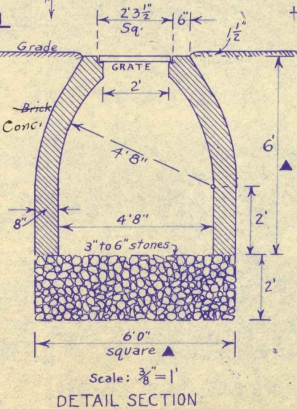
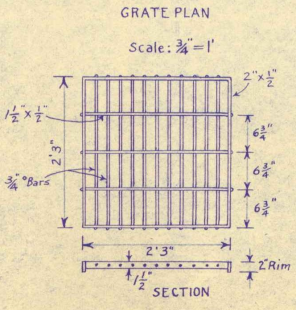
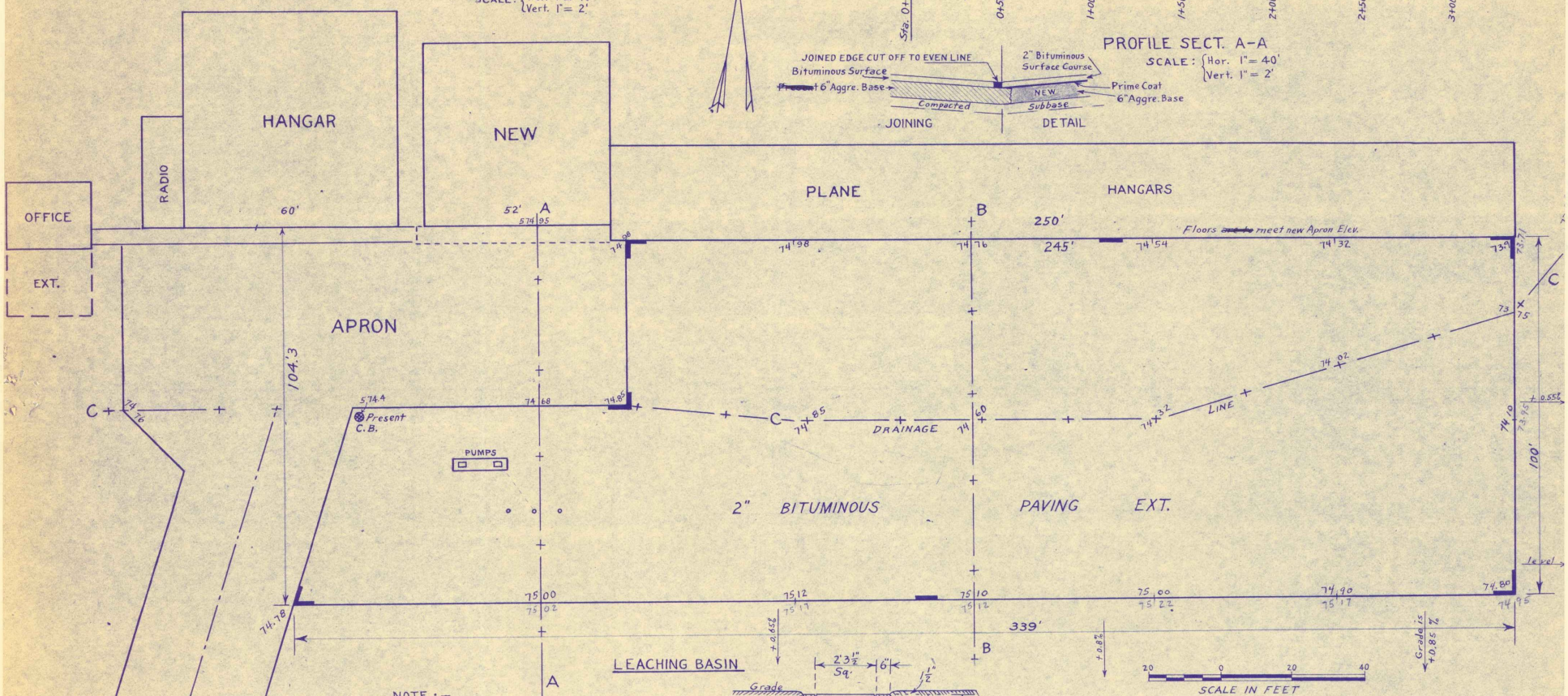
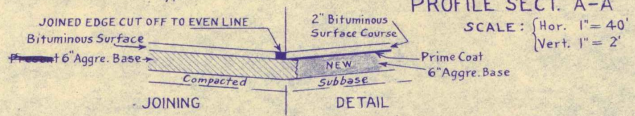
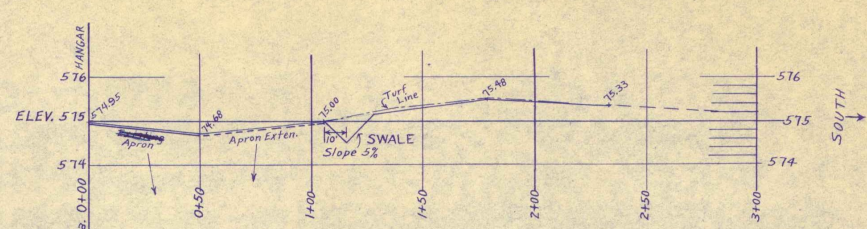
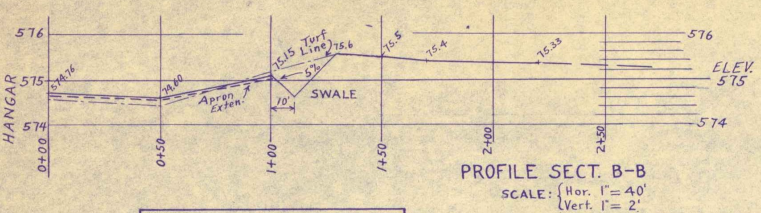
APPROVED \_\_\_\_\_ DIRECTOR  
DATE — \_\_\_\_\_

SPRINGFIELD

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

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





*As built  
L. Basso*

HARTNESS MUNICIPAL AIRPORT	
<b>APRON - DRY WELLS</b>	
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

