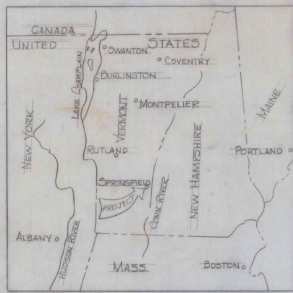
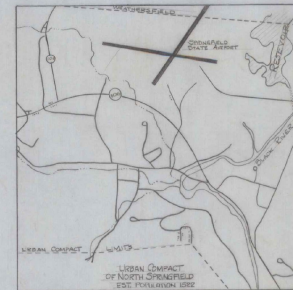


SPRINGFIELD STATE AIRPORT SPRINGFIELD, VERMONT

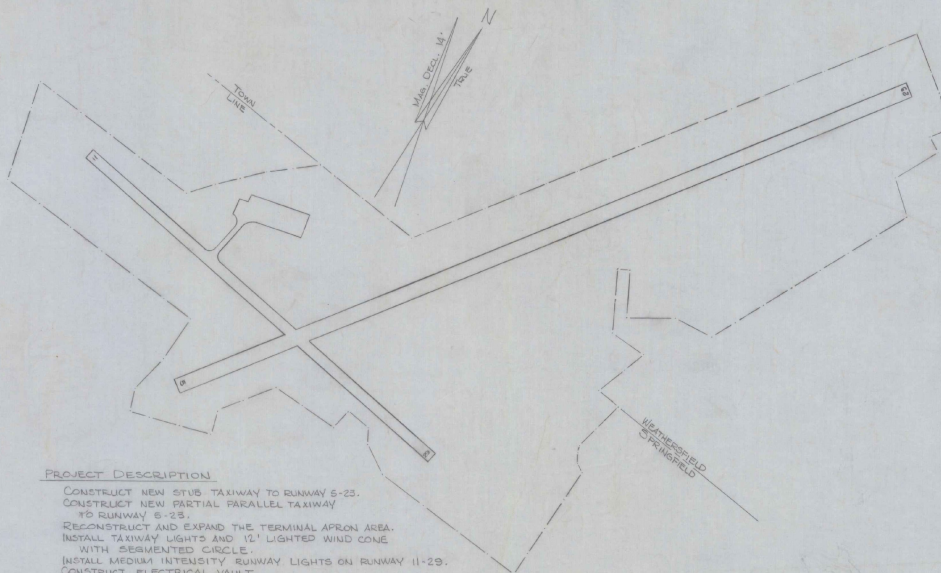
TERMINAL AREA IMPROVEMENTS ADAP NO. 5-50-0016-04



VICINITY MAP



LOCATION MAP



PROJECT DESCRIPTION

CONSTRUCT NEW STUB TAXIWAY TO RUNWAY 5-25.
CONSTRUCT NEW PARTIAL PARALLEL TAXIWAY TO RUNWAY 5-25.
RECONSTRUCT AND EXPAND THE TERMINAL APRON AREA.
INSTALL TAXIWAY LIGHTS AND 12' LIGHTED WIND CONE WITH SEMI-CENTRAL CIRCLE.
INSTALL MEDIUM INTENSITY RUNWAY LIGHTS ON RUNWAY 11-29.
CONSTRUCT ELECTRICAL VAULT.

GENERAL PLAN

SCALE 1"=200'

INDEX OF SHEETS

1. TITLE PAGE
2. PROJECT LAYOUT
3. LIGHTING PLAN
4. ELECTRICAL VAULT
5. ELECTRICAL TYPICALS & VAULT DETAIL SHEET
6. DRAINAGE, MARKING & TIE DOWN SHEET
7. TYPICAL SECTIONS, 7A STD. D-1, 7-B STD. D-19
8. PROFILE SHEET
9. BORING LOGS
10. QUANTITY SHEET
11. EARTHWORK SUMMARY
- 12-16. CROSS SECTIONS

REVISIONS	
DESCRIPTION	DATE

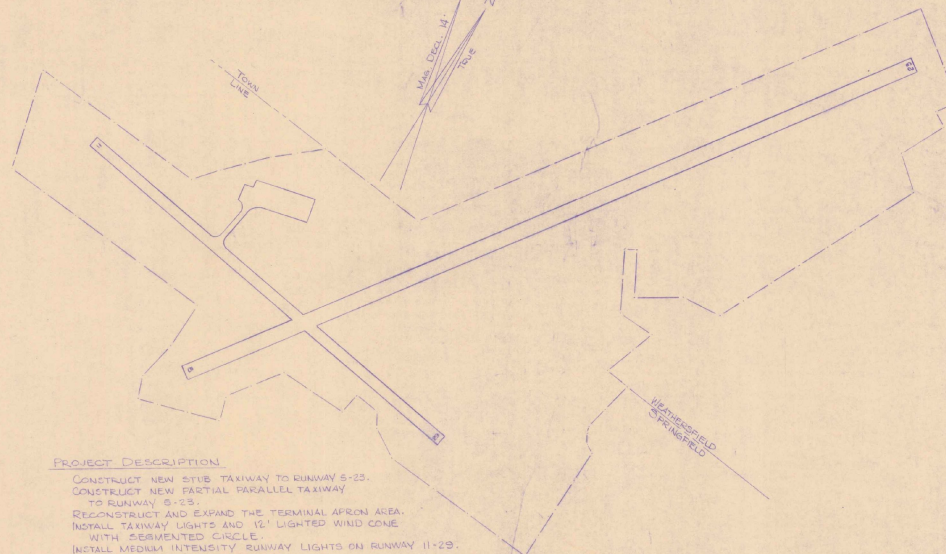
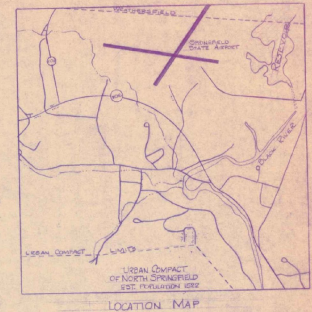
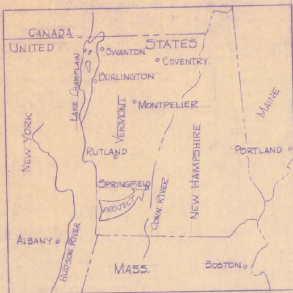
AS BUILT PLANS
I hereby certify that all the construction required by this set of drawings has been accomplished as indicated herein.
By Howard P. Keenan Resident Engineer
Date 6/09/80

SUBMITTED BY ORDER OF THE STATE TRANSPORTATION BOARD
APPROVED AG DATE 9-21-78
CHIEF OF ENGINEERING AND CONSTRUCTION
DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION
APPROVED _____ DATE _____
CHIEF ENGINEERING BRANCH
AIRPORTS DIVISION
PROJECT ADAP NO. 5-50-0016-04
SHEET 1 OF 16 SHEETS

SPRINGFIELD STATE AIRPORT SPRINGFIELD, VERMONT

TERMINAL AREA IMPROVEMENTS

ADAP NO. 5-50-0016-04
CONTRACTS A & B



PROJECT DESCRIPTION

CONSTRUCT NEW STRIP TAXIWAY TO RUNWAY 5-23.
CONSTRUCT NEW PARTIAL PARALLEL TAXIWAY TO RUNWAY 5-23.
RECONSTRUCT AND EXPAND THE TERMINAL APRON AREA.
INSTALL TAXIWAY LIGHTS AND 12' LIGHTED WIND CONE WITH SEGMENTED CIRCLE.
INSTALL MEDIUM INTENSITY RUNWAY LIGHTS ON RUNWAY 11-23.
CONSTRUCT ELECTRICAL VAULT.

INDEX OF SHEETS

1. TITLE PAGE
2. PROJECT LAYOUT
3. LIGHTING PLAN
4. ELECTRICAL VAULT
5. ELECTRICAL TYPICALS & VAULT DETAIL SHEET
6. DRAINAGE, MARKING & TIE DOWN SHEET
7. TYPICAL SECTIONS, 7-4 STD. D-1; 7-5 STD. D-19
8. PROFILE SHEET
9. BORING LOGS
10. QUANTITY SHEET
11. EARTHWORK SUMMARY
- 12-16. CROSS SECTIONS

Contract 'A'

These plans have been reviewed and are acceptable to the FAA.
Trudy A. Dink 4/9/82
DATE

Contract 'B'

These plans have been reviewed and are acceptable to the FAA.
James D. Dink 4/9/82
DATE

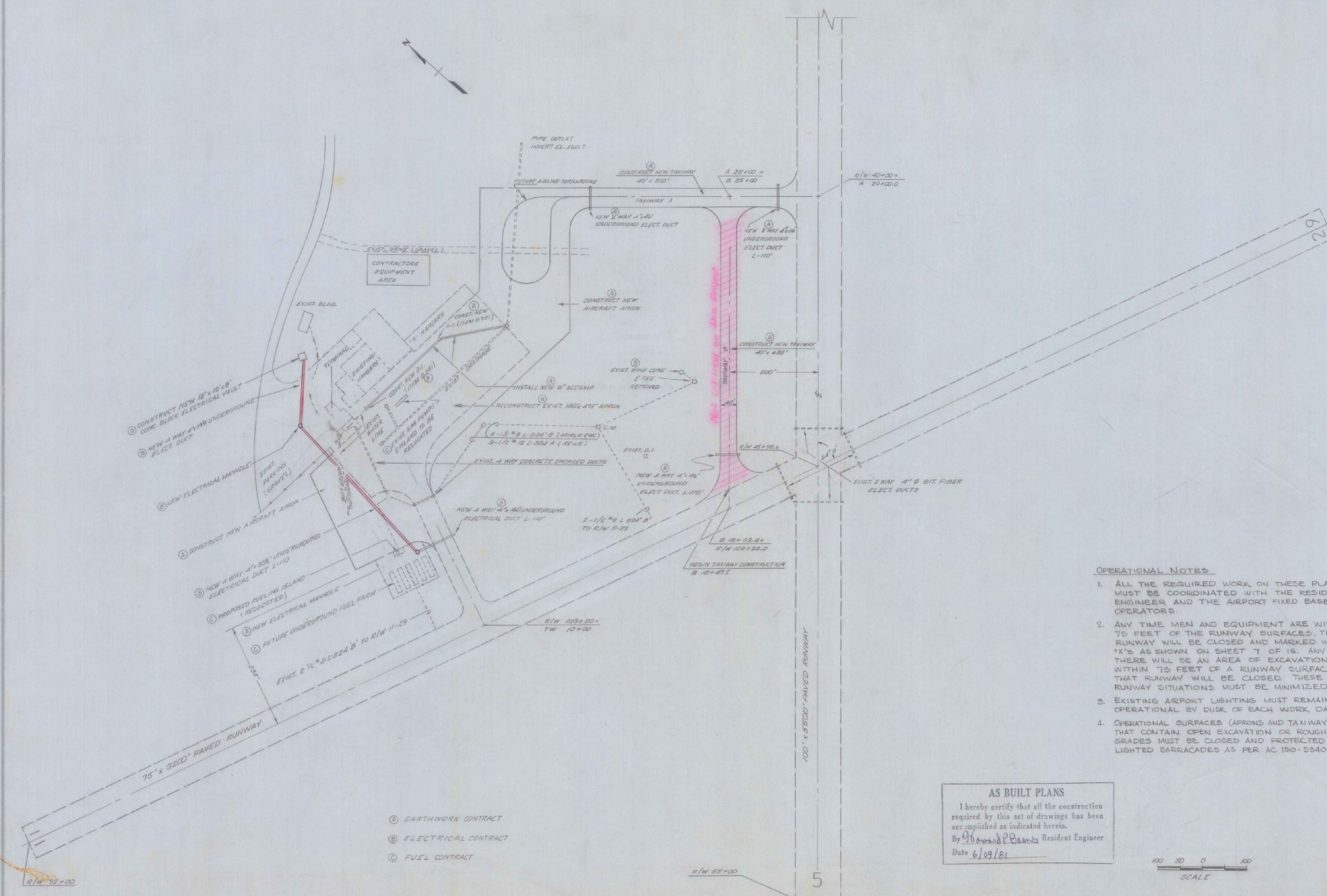
REVISIONS	
DESCRIPTION	DATE

AS BUILT PLANS

I hereby certify that all the construction required by this set of drawings has been accomplished as indicated herein.
By *Donald J. Skene*, Resident Engineer
Date 6/19/81

SUBMITTED BY ORDER OF THE STATE TRANSPORTATION BOARD	
APPROVED <i>J. J. Page</i> DATE 9-21-78	CHEIEF OF ENGINEERING AND CONSTRUCTION
DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION	
APPROVED _____ DATE _____	CHEIEF ENGINEERING BRANCH AIRPORTS DIVISION
PROJECT ADAP NO. 5-50-0016-04	
SHEET 1 OF 16 SHEETS	

ADAP 5-50-0016-03
AIR 44-4523
1980
ADAP 5-50-0016-04
AIR 21-5004
1981

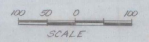


- ① CONSTRUCT NEW 12" x 12" x 48" CONC. BLOCK ELECTRICAL VAULT
- ② NEW 4" WAY 4" x 4" UNDERGROUND ELECT. DUCT
- ③ NEW ELECTRICAL MANHOLE
- ④ CONSTRUCT NEW AIRCRAFT APRON
- ⑤ NEW 4" WAY 4" x 3" UNDERGROUND ELECTRICAL DUCT 4-110
- ⑥ PROPOSED PAVING ISLAND (RESURFACED)
- ⑦ NEW ELECTRICAL MANHOLE
- ⑧ FUTURE UNDERGROUND FUEL FARM

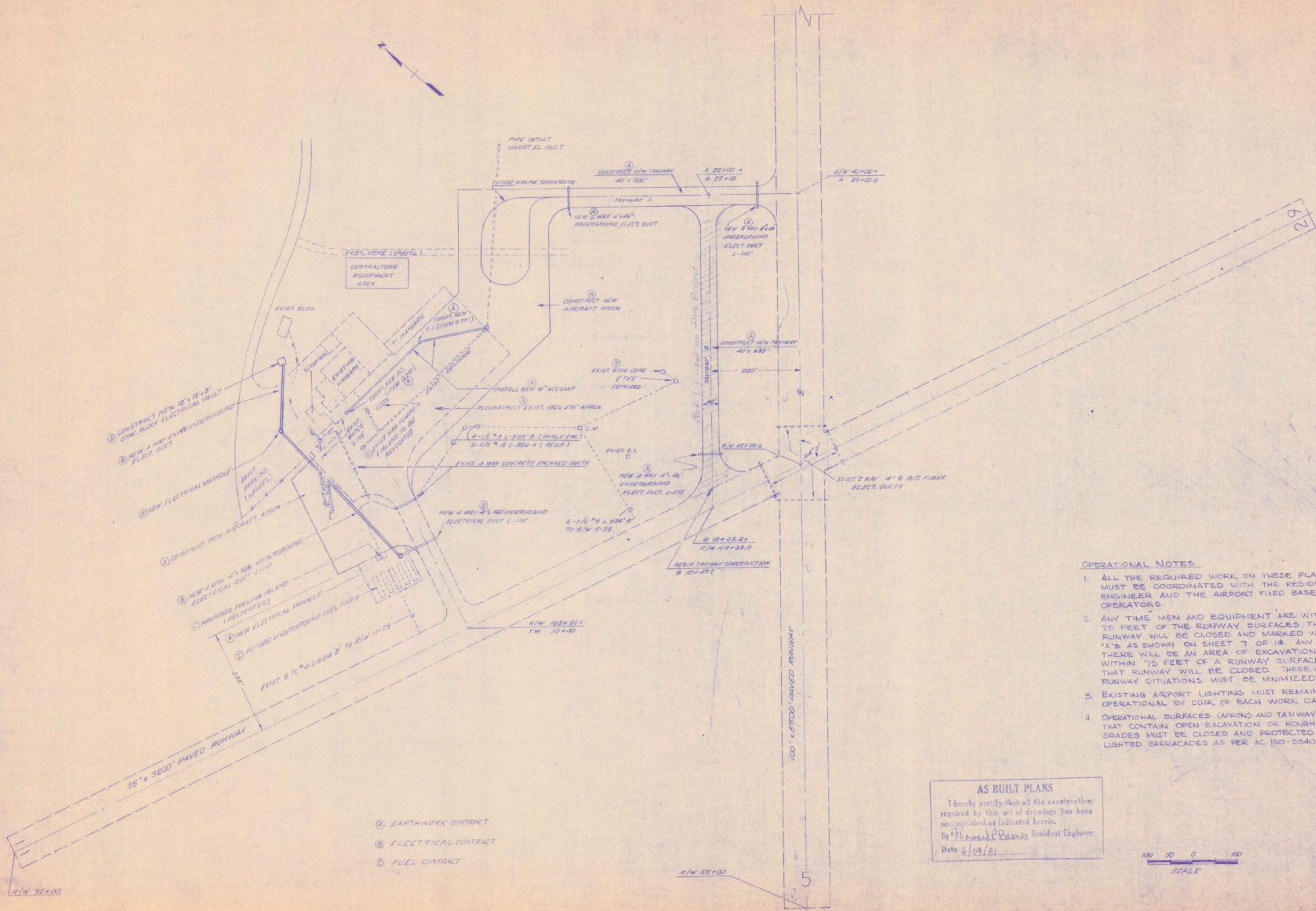
- ① EARTHWORK CONTRACT
- ② ELECTRICAL CONTRACT
- ③ FUEL CONTRACT

- OPERATIONAL NOTES:**
1. ALL THE REQUIRED WORK ON THESE PLANS MUST BE COORDINATED WITH THE RESIDENT ENGINEER AND THE AIRPORT FIXED BASE OPERATORS.
 2. ANY TIME MEN AND EQUIPMENT ARE WITHIN 75 FEET OF THE RUNWAY SURFACES THAT RUNWAY WILL BE CLOSED AND MARKED WITH 'X'S AS SHOWN ON SHEET 7 OF 16. ANY TIME THERE WILL BE AN AREA OF EXCAVATION WITHIN 75 FEET OF A RUNWAY SURFACE, THAT RUNWAY WILL BE CLOSED. THESE CLOSED RUNWAY SITUATIONS MUST BE MINIMIZED.
 3. EXISTING AIRPORT LIGHTINGS MUST REMAIN OPERATIONAL BY DUSK OF EACH WORK DAY.
 4. OPERATIONAL SURFACES (APRONS AND TAIWAYS) THAT CONTAIN OPEN EXCAVATION OR ROUGH GRADES MUST BE CLOSED AND PROTECTED WITH LIGHTED BARRICADES AS PER AC 150-5340-1D.

AS BUILT PLANS
 I hereby certify that all the construction required by this set of drawings has been accomplished as indicated herein.
 By *[Signature]* Resident Engineer
 Date 6/29/81



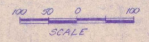
SURVEYED BY	DATE
DRAWN BY <i>M.S.R.</i>	DATE
TRACED BY	DATE
PROJECT LAYOUT	
PROJ ADAP NO 5-50-0016-04	
SHEET 2 OF 16	



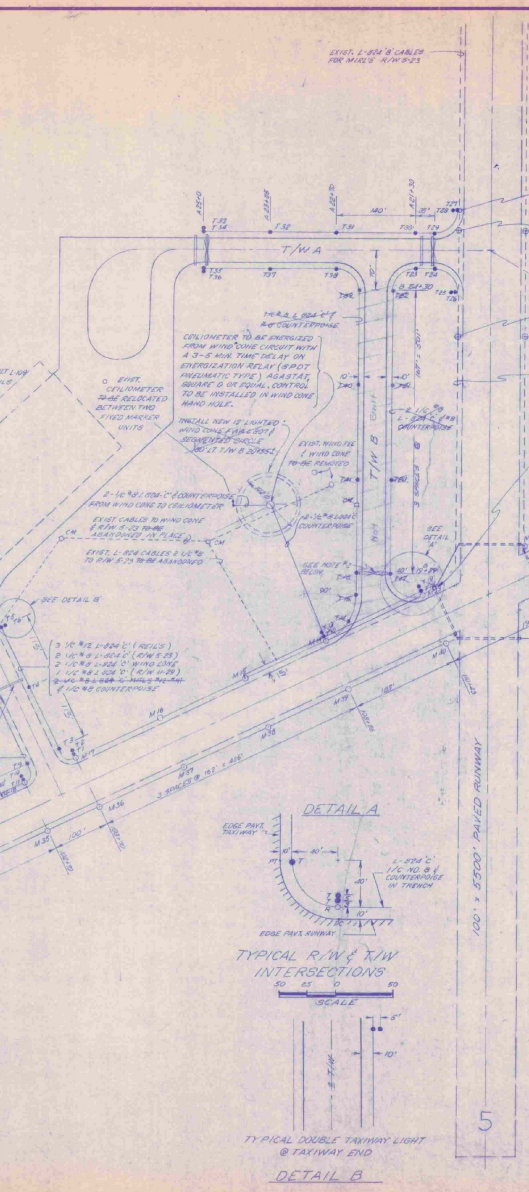
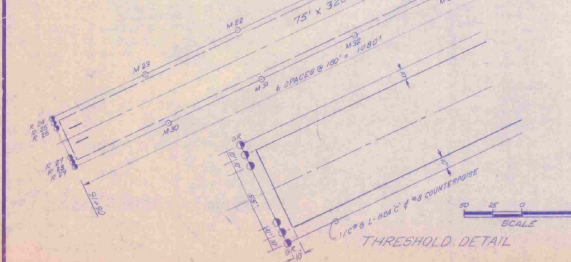
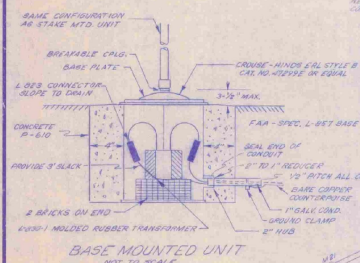
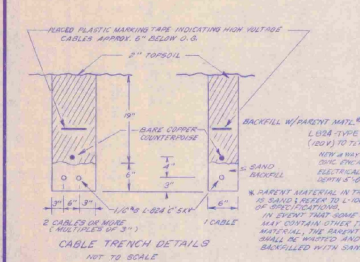
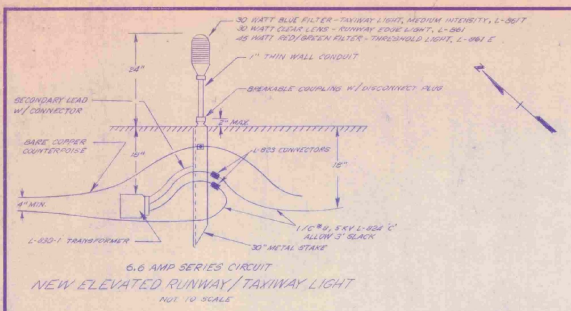
OPERATIONAL NOTES.

1. ALL THE REQUIRED WORK ON THESE PLANS MUST BE COORDINATED WITH THE RESIDENT ENGINEER AND THE AIRPORT FIXED BASE OPERATORS.
2. ANY TIME MEN AND EQUIPMENT ARE WITHIN 10 FEET OF THE RUNWAY SURFACES THAT RUNWAY WILL BE CLOSED AND MARKED WITH 'X'S' AS SHOWN ON SHEET 'I' OF 'B'. ANY TIME THERE WILL BE AN AREA OF EXCAVATION WITHIN 10 FEET OF A RUNWAY SURFACE THAT RUNWAY WILL BE CLOSED. THESE CLOSED RUNWAY SITUATIONS MUST BE MINIMIZED.
3. EXISTING AIRPORT LIGHTING MUST REMAIN OPERATIONAL BY CURB OF EACH WORK DAY.
4. OPERATIONAL SURFACES (APRONS AND TAXIWAYS) THAT CONTAIN OPEN EXCAVATION OR ROUGH GRADES MUST BE CLOSED AND PROTECTED WITH LIGHTED BARRICADES AS PER AC 150-5540-1-D.

AS BUILT PLANS
 I hereby certify that all the construction required by this set of drawings has been accomplished as indicated herein.
 By: *Thomas P. Owens*, Resident Engineer.
 Date: 6/09/81

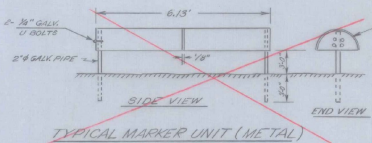
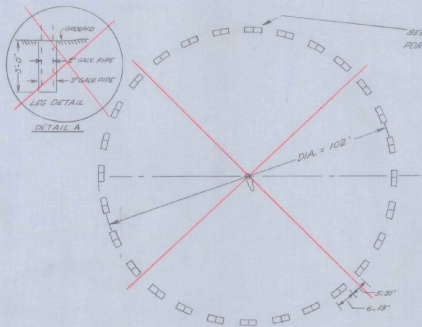


SURVEYED BY	DATE
DRAWN BY: <i>MEB</i>	DATE
TRACED BY	DATE
PROJECT LAYOUT	
PROJ. ADAP. NO. 5-90-0016-01	
SHEET 2 OF 16	



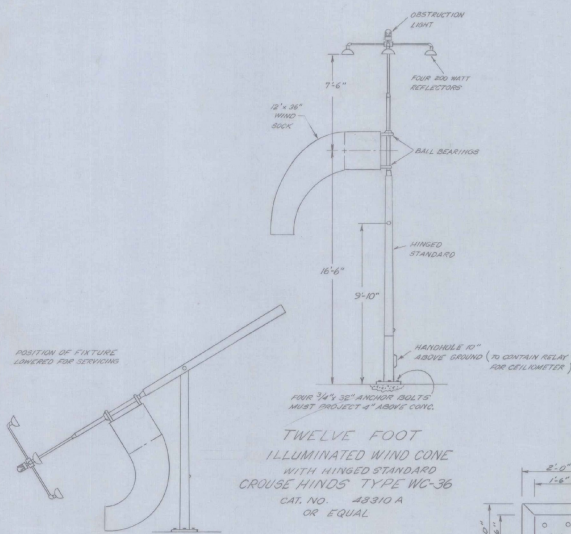
AS BUILT PLANS
I, the undersigned, certify that all the contracts required by this set of drawings has been completed as indicated hereon.
By: *[Signature]* Resident Engineer
Date: 6/10/16

SURVEYED BY: _____ DATE: _____
DRAWN BY: M.S.P. DATE: _____
CHECKED BY: _____ DATE: _____
LIGHTING PLAN
PROJ. ADP NO. 5-50-0016-04
SHEET 3 OF 10

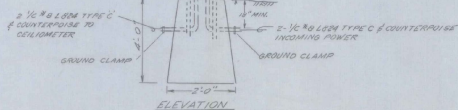
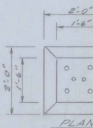


STANDARD 55 GAL. METAL DRUM
CUT IN HALF AND WELDED END TO
END AND PAINTED AS FOLLOWS:
1. EXTERIOR WHITE PREGRENT
2. 44 COAT AVIATION AERIAL LACQUER
SWITZER BRAND "LIFE ORANGE"
* DOP-14 OR EQUAL.
3. 40 COAT "FILTER RAY" OR EQUAL
PRIOR TO PAINTING.
THE SURFACE SHALL BE
THOROUGHLY CLEANED OF ALL
RUST, SCALE, DIRT, OIL AND OTHER
FOREIGN SUBSTANCES TO THE
SATISFACTION OF THE ENGINEER.

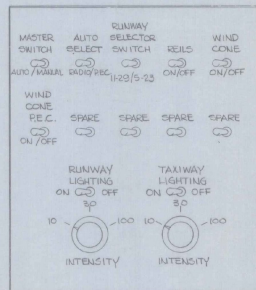
SEGMENTED CIRCLE LAYOUT



TWELVE FOOT
ILLUMINATED WIND CONE
WITH HINGED STANDARD
CROUSE HINDS TYPE WC-36
CAT. NO. 48310 A
OR EQUAL



BASE FOR WIND CONE



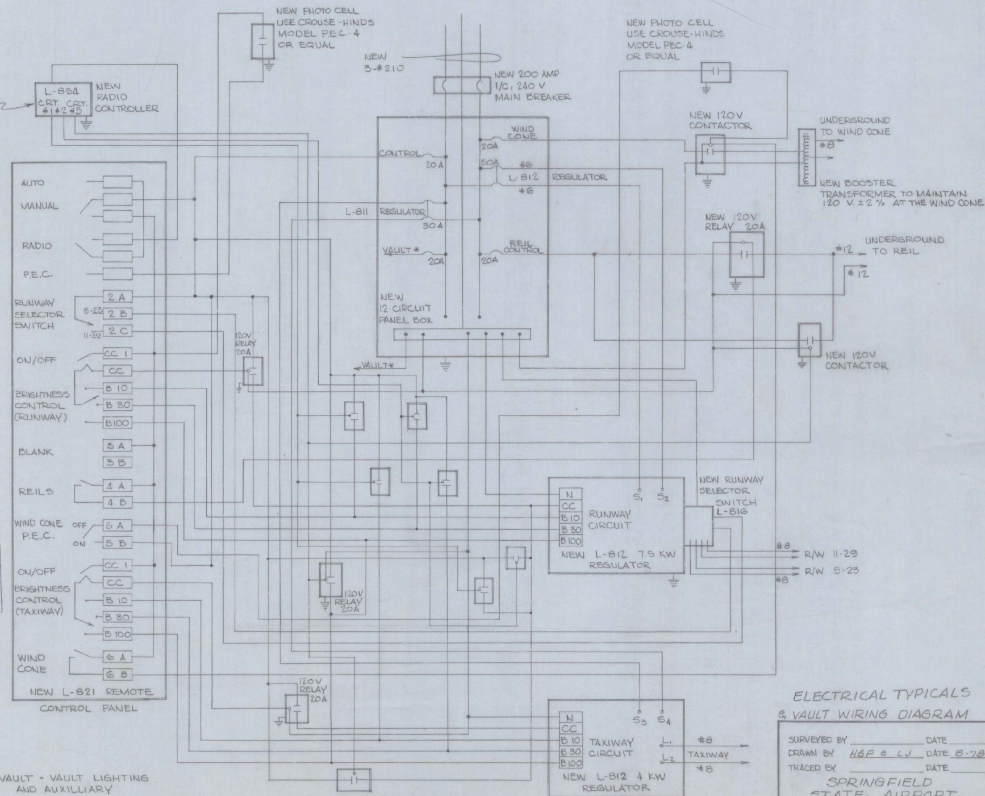
AIRPORT LIGHTING CONTROL PANEL

AS BUILT PLANS

I hereby certify that all the construction
required by this set of drawings has been
accomplished as indicated herein.
By *Howard P. Beavers* Resident Engineer
Date *6/10/68*

NOTES

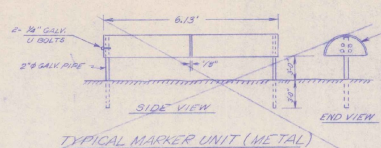
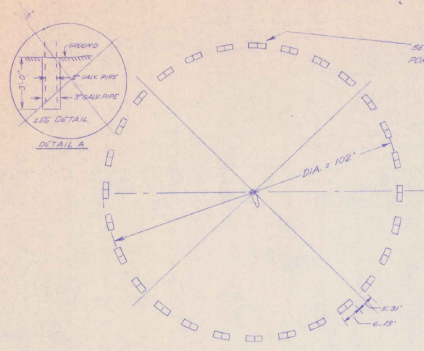
1. MOUNT NEW PHOTOCELL ON NORTH SIDE OF NEW ELECTRICAL VAULT.
2. NEW L-812 AND L-818 REGULATORS BY HEVI-DUTY ELECTRIC, MODELS 88280 AND 88610 OR APPROVED EQUAL.
3. L-821 (REMOTE CONTROL PANEL) ~~TO BE~~ MOUNTED IN EXISTING TERMINAL AT THE DIRECTION OF THE ENGINEER. ALL OTHER ELECTRICAL EQUIPMENT ~~TO BE~~ MOUNTED IN NEW ELECTRICAL VAULT (SEE DIAGRAM BELOW).
4. ALL WIRING #12 AWG UNLESS NOTED OTHERWISE.
5. EXISTING 4 KW REGULATOR (IN TERMINAL) ~~TO BE~~ REMOVED ~~AND STORED ON AIRPORT PROPERTY~~ AS DIRECTED BY THE ENGINEER. *AND STORED IN NEW VAULT*
6. ALL WIRING AND EQUIPMENT MUST MEET THE NATIONAL ELECTRIC CODE.
7. CONTACTOR AMPERAGE TO MEET EQUIPMENT MANUFACTURER'S RECOMMENDATIONS.
8. NEW RADIO CONTROLLER TO ADHERE TO AC 150-8840-49 OF 10 AUGUST 1977.
9. ALL CONTACTORS AND RELAYS ~~TO BE~~ ENCLOSED IN NEMA-4 ENCLOSURES.
10. CONTRACTOR (B) SHALL PAINT A REFERENCE MARK ON THE NEW APRON FOR CEILIMETER READING AT THE LOCATION INDICATED BY THE F.S.O.



WIRING DIAGRAM

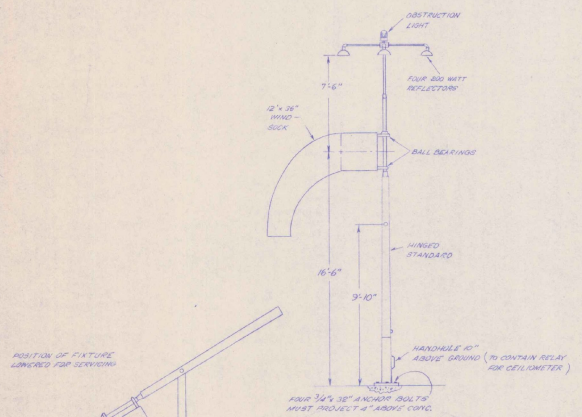
ELECTRICAL TYPICALS & VAULT WIRING DIAGRAM

SUPERVISED BY _____ DATE _____
DRAWN BY *HGP* DATE *8-78*
TRACED BY _____ DATE _____
SPRINGFIELD
STATE AIRPORT
PROJ. ADAP. NO. 5-80-0016-04
SHEET 5 OF 16

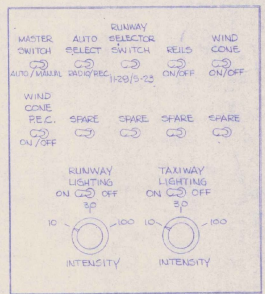
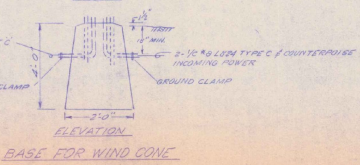
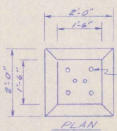


STANDARD 55 GAL. METAL DRUM CUT IN HALF AND WELDED ENDS. END AND PAINTED AS FOLLOWS:
 1ST COAT WHITE UNDERCOAT
 2ND COAT QUALITY ACRYLIC LAQUER
 SWISS BROS. "FIRE ORANGE"
 3RD COAT "FLYER" OR EQUAL
 GROUP TO MAINTAIN.
 THE SURFACES SHALL BE THOROUGHLY CLEANED OF ALL RUST, SCALF, DIRT, OIL AND OTHER FOREIGN SUBSTANCES TO THE SATISFACTION OF THE ENGINEER.

SEGMENTED-CIRCLE LAYOUT



TWELVE FOOT ILLUMINATED WIND CONE WITH HINGED STANDARD CROUSE HINDS TYPE WC-36 CAT. NO. 48910 A OR EQUAL



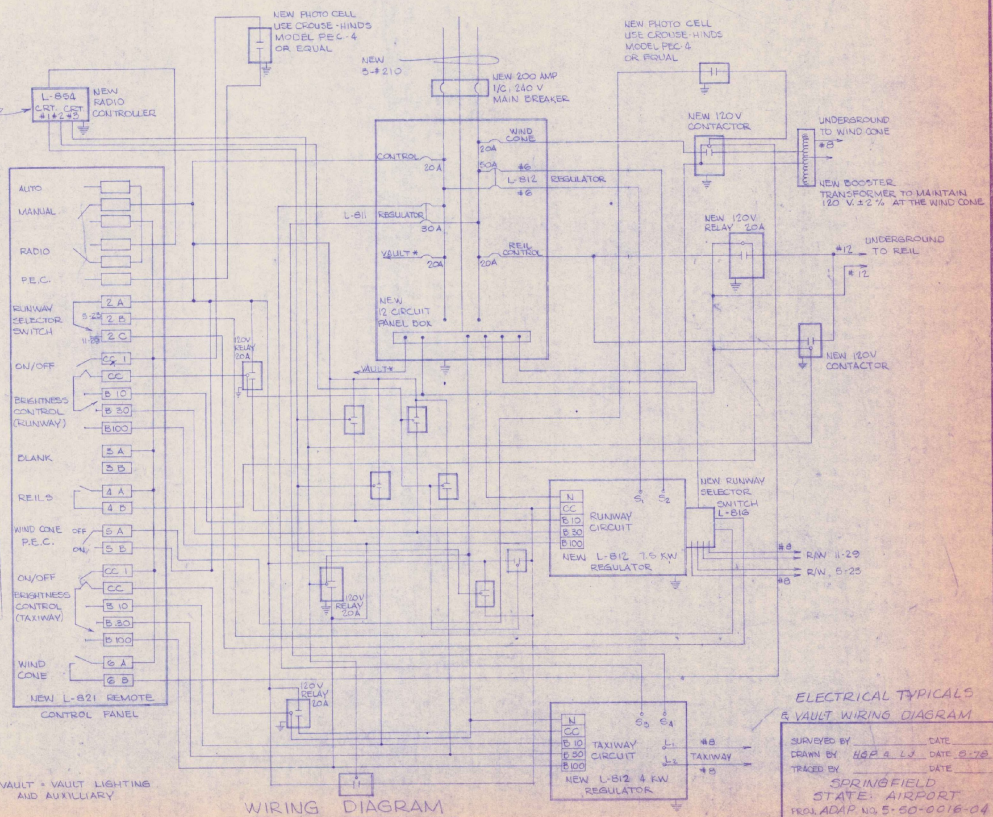
AIRPORT LIGHTING CONTROL PANEL

AS BUILT PLANS
 I hereby certify that all the construction required by this set of drawings has been accomplished as indicated herein.
 By *Lawrence E. Powers* Resident Engineer
 Date 6/19/82

REFER TO MANUFACTURERS REQUIREMENTS FOR PROPER TOUGHENING AND PROTECTIVE COATING ON CONDUIT.

NOTES

1. MOUNT NEW PHOTOCELL ON NORTH SIDE OF NEW ELECTRICAL VAULT.
2. NEW L-812 AND L-815 REGULATORS BY HEVI-DUTY ELECTRIC, MODELS 88280 AND 88610 OR APPROVED EQUAL.
3. L-821 (REMOTE CONTROL PANEL) ~~TO BE~~ MOUNTED IN EXISTING TERMINAL AT THE DIRECTION OF THE ENGINEER. ALL OTHER ELECTRICAL EQUIPMENT ~~TO BE~~ MOUNTED IN NEW ELECTRICAL VAULT (SEE DIAGRAM BELOW).
4. ALL WIRINGS #12 AWG UNLESS NOTED OTHERWISE.
5. EXISTING 4 KW REGULATOR (IN TERMINAL) ~~TO BE~~ REMOVED AND STORED ON AIRPORT PROPERTY AS DIRECTED BY THE ENGINEER.
6. ALL WIRING AND EQUIPMENT MUST MEET THE NATIONAL ELECTRIC CODE.
7. CONTRACTOR AMPERAGE TO MEET EQUIPMENT MANUFACTURER'S RECOMMENDATIONS.
8. NEW RADIO CONTROLLER TO ADHERE TO AC 150-6840.40 OF 10 AUGUST 1977.
9. ALL CONTACTORS AND RELAYS ~~TO BE~~ ENCLOSED IN NEMA-4 ENCLOSURES.
10. CONTRACTOR (B) SHALL PAINT A REFERENCE MARK ON THE NEW APRON FOR CEILOMETER READING AT THE LOCATION INDICATED BY THE P.E.O.



WIRING DIAGRAM

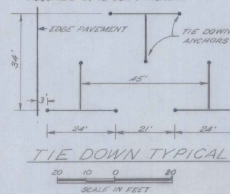
ELECTRICAL TYPICALS & VAULT WIRING DIAGRAM

SURVEYED BY _____ DATE _____
 DRAWN BY *482 E.L.V.* DATE *6-78*
 TRACED BY _____ DATE _____
 SPRINGFIELD STATE AIRPORT
 PROJ. ADAP. NO. 5-50-0016-04
 SHEET 51 OF 10

NOTES

1. EXISTING CONTOURS & DESIGN CONTOURS ARE APPROXIMATELY THE SAME.
2. EXISTING D.I.'S TO BE ADJUSTED TO GRADE.
3. ITEM 601.552 IS 18" DIA. ACCORDING TO INCLUDE TRENCHING, INSTALLATION & BACKFILL.

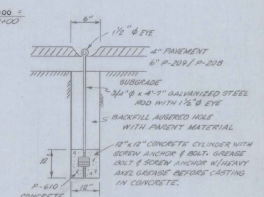
NOTE: EACH AIRPLANE TIE-DOWN
REQUIRES 3 TIE-DOWN ANCHORS



LEGEND

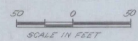
- ITEM 202.14
- LIMITS OF CONSTRUCTION

SEE BUTT JOINT DETAIL SHEET 7 OF 16



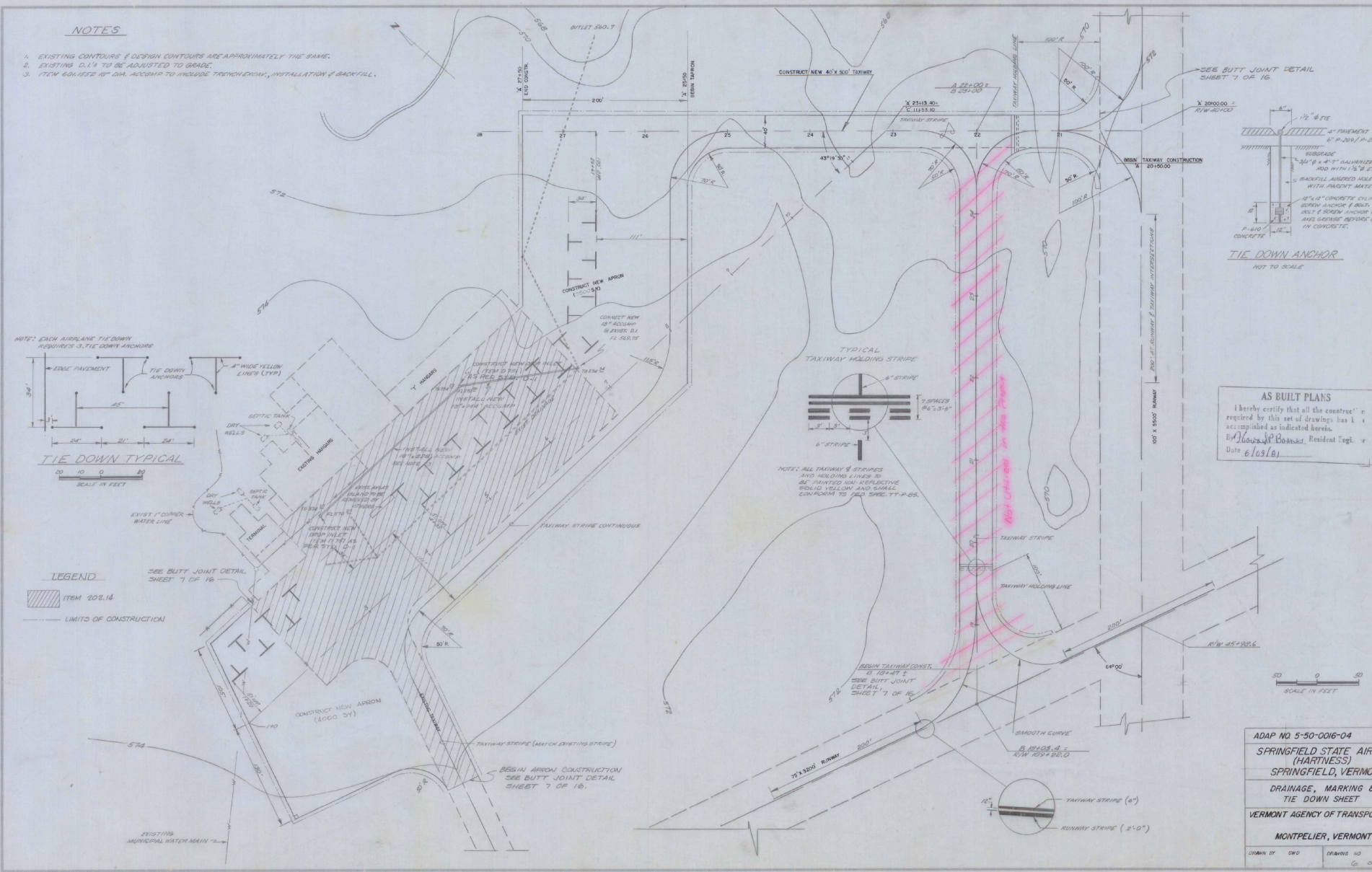
TIE DOWN ANCHOR
NOT TO SCALE

AS BUILT PLANS
I hereby certify that all the construction required by this set of drawings has been accomplished as indicated herein.
B. J. [Signature]
Date 6/03/81



ADAP NO 5-50-0016-04
SPRINGFIELD STATE AIRPORT
(HARTNESS)
SPRINGFIELD, VERMONT
DRAINAGE, MARKING &
TIE DOWN SHEET
VERMONT AGENCY OF TRANSPORTATION
MONTPELIER, VERMONT

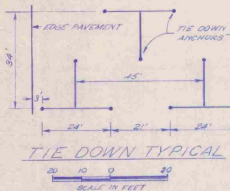
DRAWN BY DWD DRAWING NO 6 OF 16



NOTES

1. EXISTING CONTOURS & DESIGN CONTOURS ARE APPROXIMATELY THE SAME.
2. EXISTING D.I. TO BE ADJUSTED TO GRADE.
3. ITEM 801.152 OF D.M. ASSUMED TO INCLUDE TRENCHING, INSTALLATION & BACKFILL.

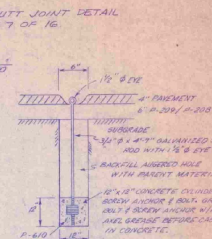
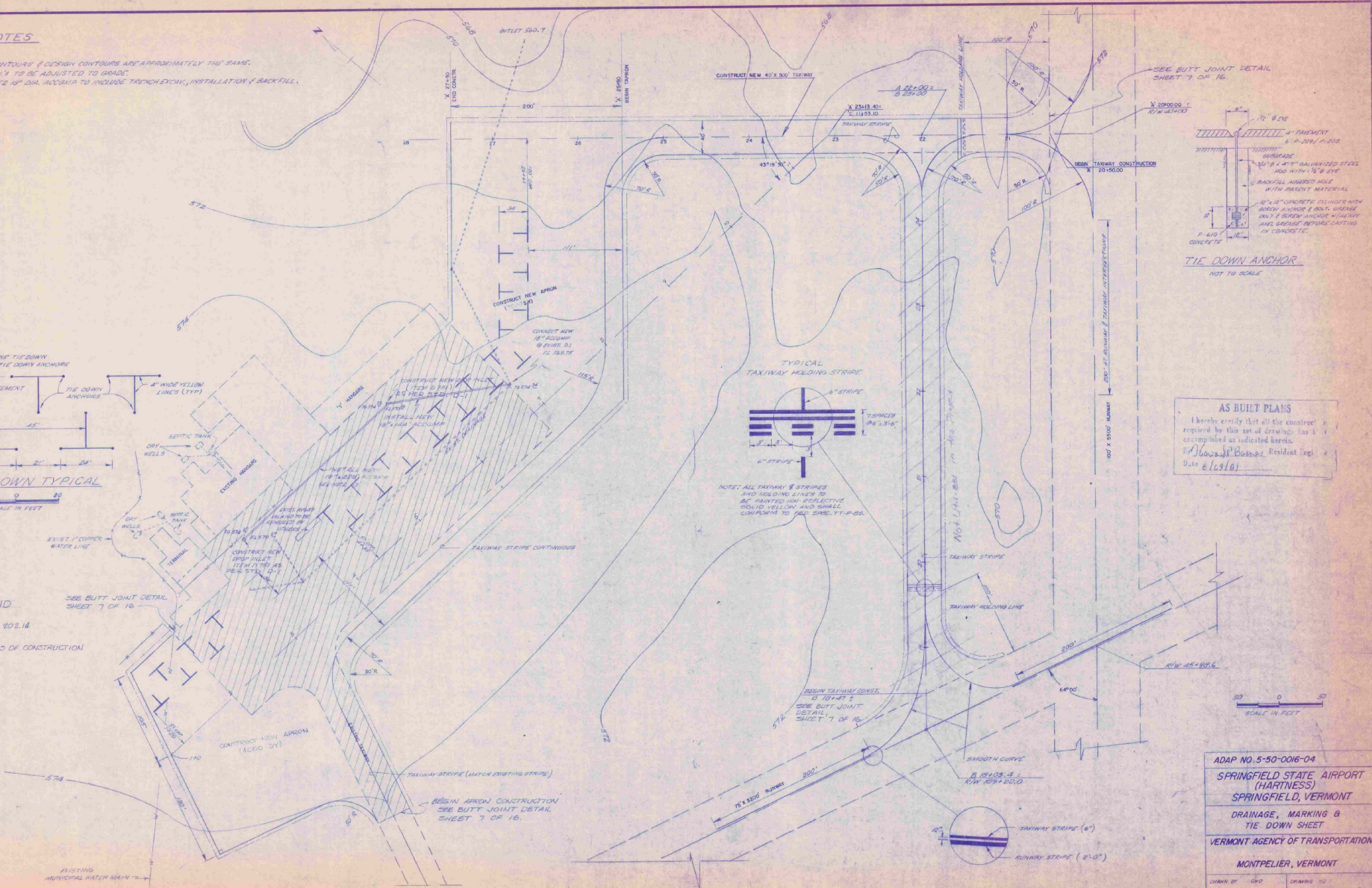
NOTE: EACH ANCHOR TIE DOWN REQUIRES 3 TIE DOWN ANCHORS



TIE DOWN TYPICAL
SCALE IN FEET

LEGEND

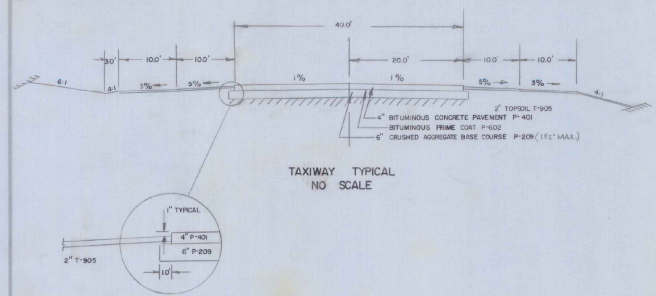
- ITEM 802.12
- LIMITS OF CONSTRUCTION



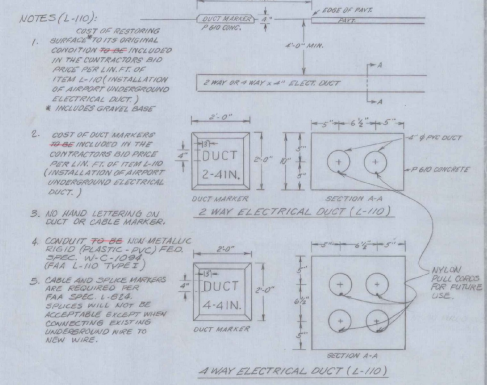
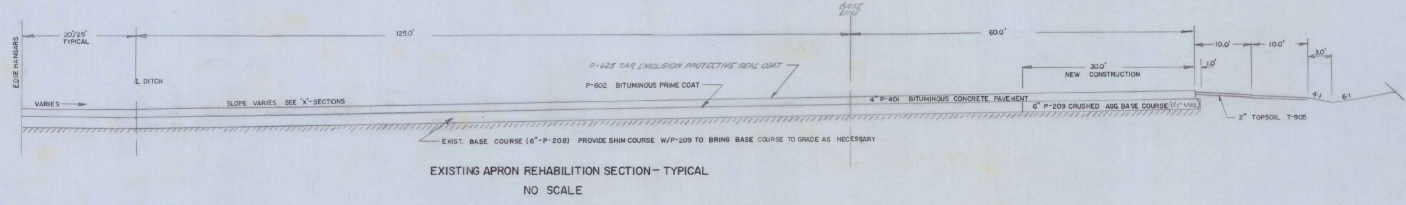
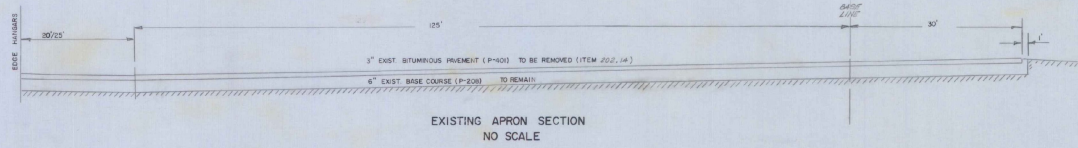
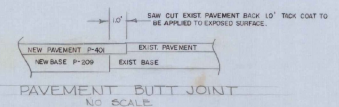
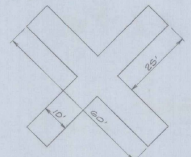
SEE BUTT JOINT DETAIL SHEET 7 OF 16
NOT TO SCALE

AS BUILT PLANS
I hereby certify that all the construction required by this set of drawings has been completed as indicated herein.
By: *James J. Bodney*, Resident Eng.
Date: 6/25/61

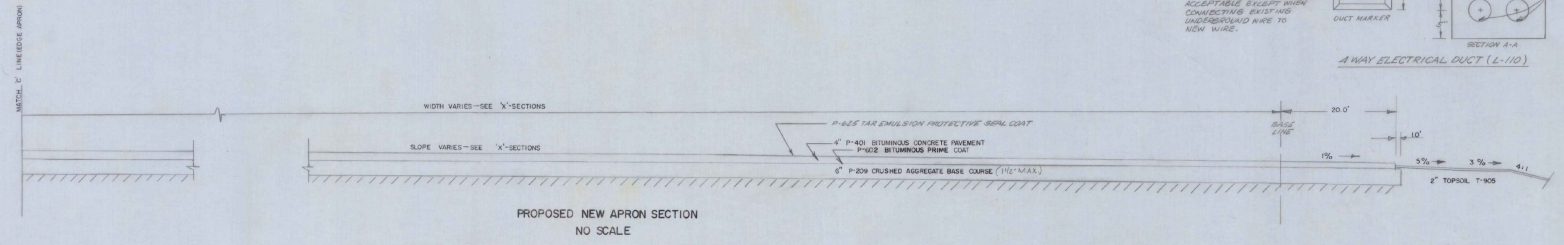
ADAP NO. 5-50-0016-04
SPRINGFIELD STATE AIRPORT (HARTNESS)
 SPRINGFIELD, VERMONT
 DRAINAGE, MARKING & TIE-DOWN SHEET
 VERMONT AGENCY OF TRANSPORTATION
 MONTPELIER, VERMONT
 DRAWN BY: GMD DRAWING NO. 50-116
 DATE: 6/25/61



THE CONTRACTOR WILL BE RESPONSIBLE FOR PROPERLY PLACING AND ANCHORING THESE 'X'S'. THERE IS NO SEPARATE PAYMENT FOR THE 'X'S'.

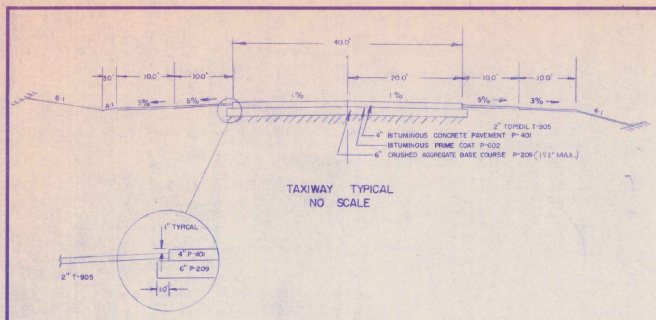


- NOTES
- COMPACT SUBGRADE AS PER HAA P-152 & T-61
 - TOPSOIL STRIPPED FROM NEW CONSTRUCTION TO BE STOCKPILED AND REUSED AS NEEDED, REFER TO ITEM P-152-2.12. TOPSOILING UNDER P-152 IS NOT A SEPARATE PAY ITEM, BUT SHOULD BE INCLUDED IN THE BID PRICE FOR COMMON EVALUATION
 - ITEM P-625 TO BE APPLIED 48 HRS (MIN) AFTER COMPLETION OF ITEM P-401.
 - ITEM G-27 SEED, LIME FERTILIZER
THE SEED MIXTURE SHALL CONFORM TO THE FOLLOWING SPECIFICATIONS:
TYPE OF DRESSING: 70 PLS
CANTERING AND RESERVE: 40
ALFA FERTILIZER: 10
KEN SICKY BLUE: 10
RED TOP: 10
FRESHWATER RYE: 5
WHITE CLOVER: 5
ALSKA CLOVER: 5
GRASS: 5
 - ITEM P-625 TO BE EMULSION ONLY APPLIED BY DISTRIBUTOR IN TWO APPLICATIONS AS INDICATED IN SECTION 257.12 OF THE SPECIFICATIONS.

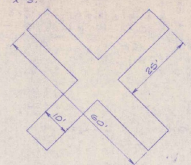


AS BUILT PLANS
I hereby certify that all the construction required by this set of drawings has been accomplished as indicated herein.
By *J. S. Brown* Resident Engineer
Date *6/09/81*

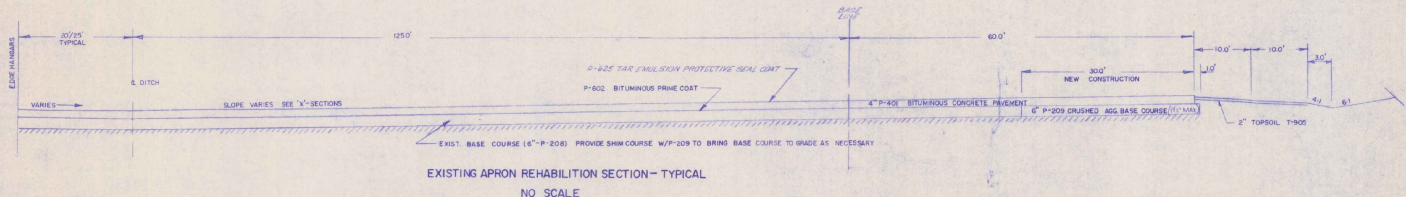
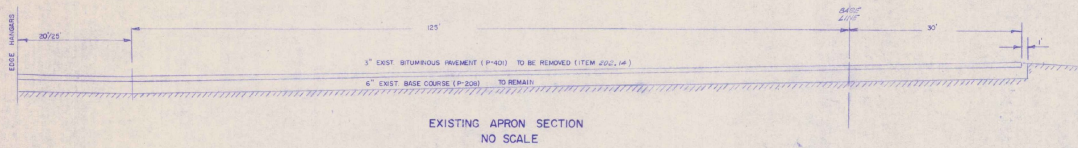
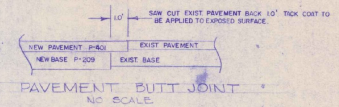
ADAP NO. 5-50-0016-04
SPRINGFIELD STATE AIRPORT
(HARTNESS)
SPRINGFIELD, VERMONT
TYPICAL SECTIONS
VERMONT AGENCY OF TRANSPORTATION
MONTPELIER, VERMONT
DRAWN BY: GWD
DRAWING NO: 7 OF 10



THE CONTRACTOR WILL BE RESPONSIBLE FOR PROPERLY PAINTING AND MAINTAINING THESE 'X'S. THERE IS NO SEPARATE PAYMENT FOR THE 'X'S.



CLOSED RUNWAY MARKER TWO REQUIRED (YELLOW)
SCALE: 1"=20'

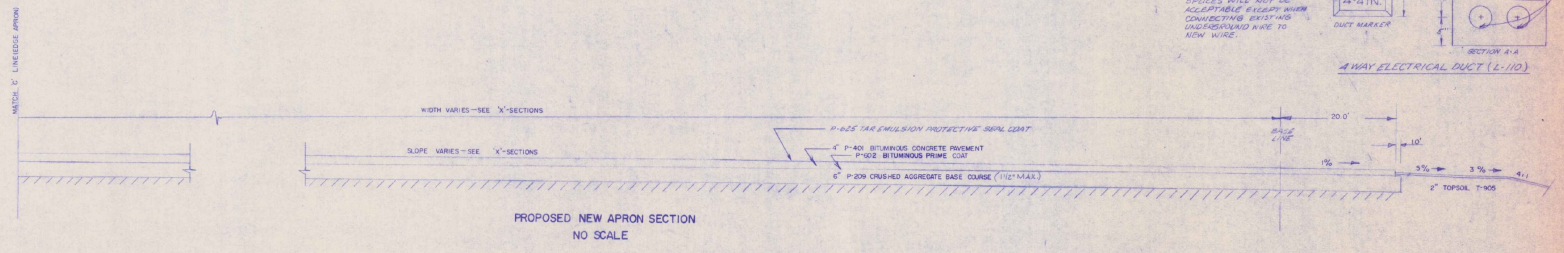
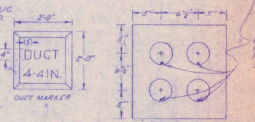
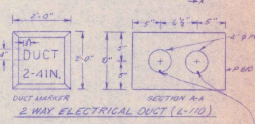
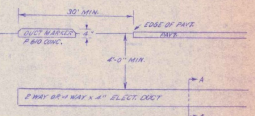


- NOTES
1. COMPACT SUBGRADE AS PER P&S 112 & T-61
 2. TOPSOIL STRIPPED FROM NEW CONSTRUCTION TO BE STOCKPILED AND REUSED AS NEEDED, REFER TO ITEM P-105 I.E. TOPSOIL LAYER P-105 IS NOT A SEPARATE PAY ITEM, BUT SHOULD BE INCLUDED IN THE BID PRICE FOR COMMON EXCAVATION
 3. ITEM P-402 TO BE APPLIED BY SHM (MAN.) AFTER COMPLETION OF ITEM P-401.
 4. ITEM 6-ET SEED, LIME & FERTILIZER
THE SEED MIXTURE SHALL CONFORM TO THE FOLLOWING SPECIFICATIONS:

TYPE OF GRASS	% DIS.
CREeping MAID PEARSE	40
ALFA PERENNIAL	20
KENTUCKY BLUE	20
RED TOP	10
PERENNIAL RYE	5
WHITE CLOVER	5
ALFAHOL CLOVER	5
OTHER	5
 5. ITEM P-402 TO BE EMULSION ONLY APPLIED BY DISTRIBUTOR IN TWO APPLICATIONS AS INDICATED IN SECTION 6211.2 OF THE SPECIFICATIONS.

NOTES (L-110)

1. COST OF RESTORING SURFACE TO ITS ORIGINAL CONDITION SHALL BE INCLUDED IN THE CONTRACTOR'S BID PRICE FOR L-110 (INSTALLATION OF AIRPORT UNDERGROUND ELECTRICAL DUCTS) & INCLUDES GRANUL BASE
2. COST OF DUCT MARKERS ARE INCLUDED IN THE CONTRACTOR'S BID PRICE FOR L-110 (INSTALLATION OF AIRPORT UNDERGROUND ELECTRICAL DUCTS)
3. NO HAND LETTERING ON DUCT OR CABLE MARKER.
4. CONDUIT TO BE NON-METALLIC RIGID (PLASTIC - PVC) FIBER SPEC. W-1-C-1024 (P&S L-110 TYPE I)
5. CABLE AND SPIKE MARKERS ARE REQUIRED PER P&S SPEC. I-814, (SPECS WILL NOT BE ACCEPTABLE EXCEPT WHEN CONDUCTING EXISTING UNDERGROUND WIRE TO NEW WIRE.



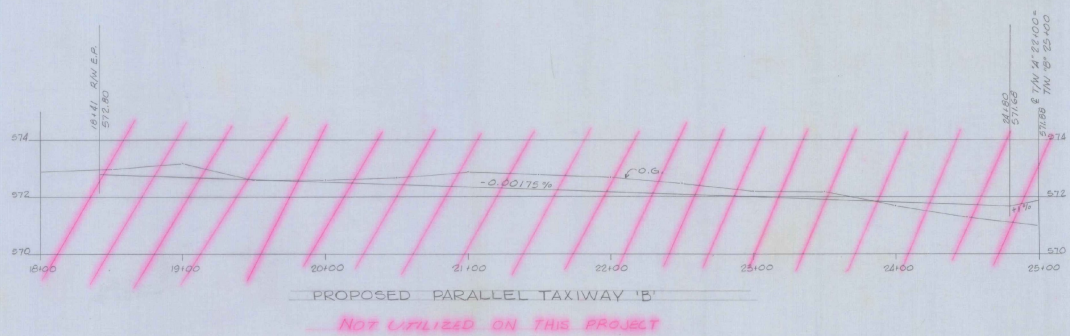
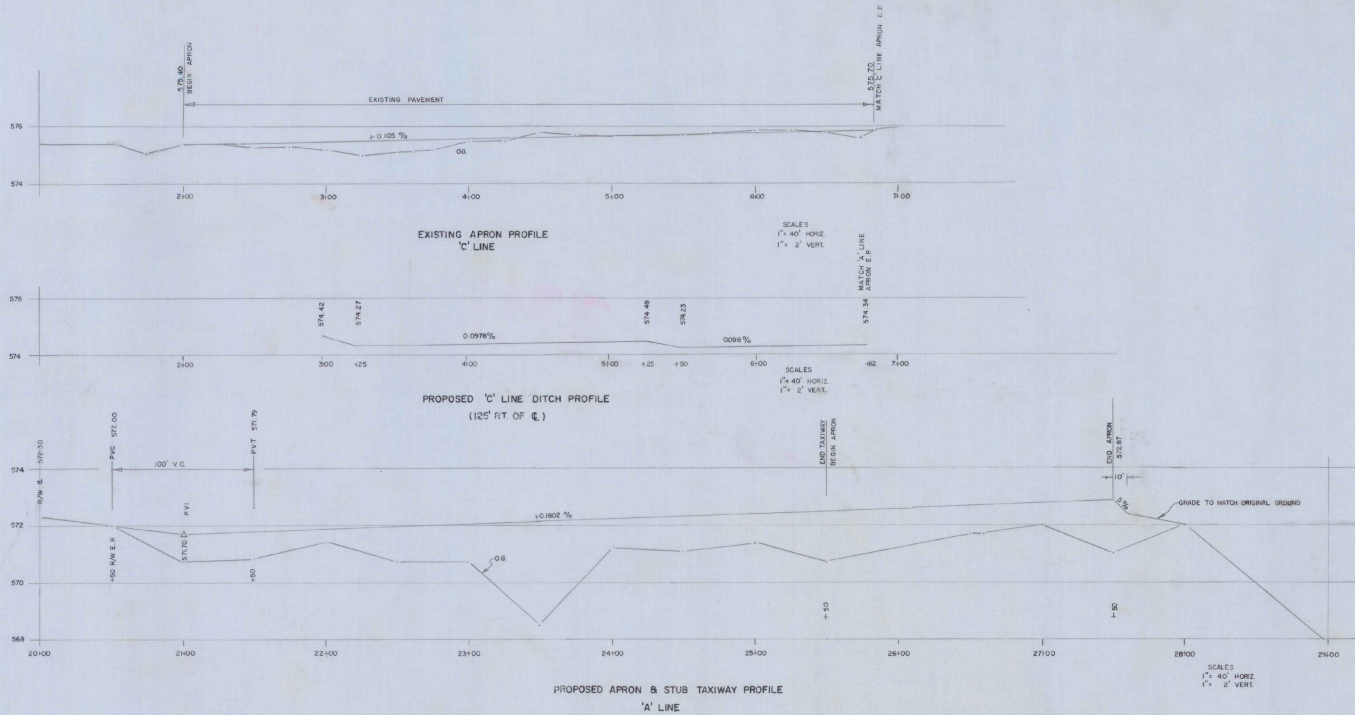
AS BUILT PLANS
I hereby certify that all the construction required by this set of drawings has been accomplished as indicated herein.
By *Robert P. Brown*, Resident Engineer
Date *6/19/81*

ADAP NO. 5-50-0016-04
SPRINGFIELD STATE AIRPORT
(HARTNESS)
SPRINGFIELD, VERMONT

TYPICAL SECTIONS

VERMONT AGENCY OF TRANSPORTATION
MONTPELIER, VERMONT

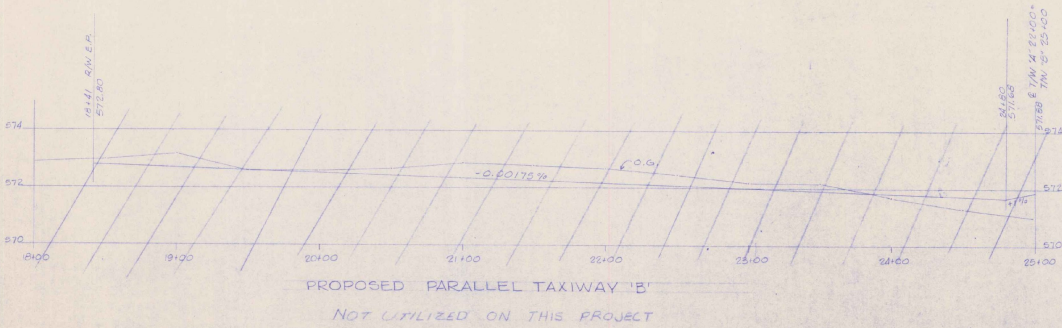
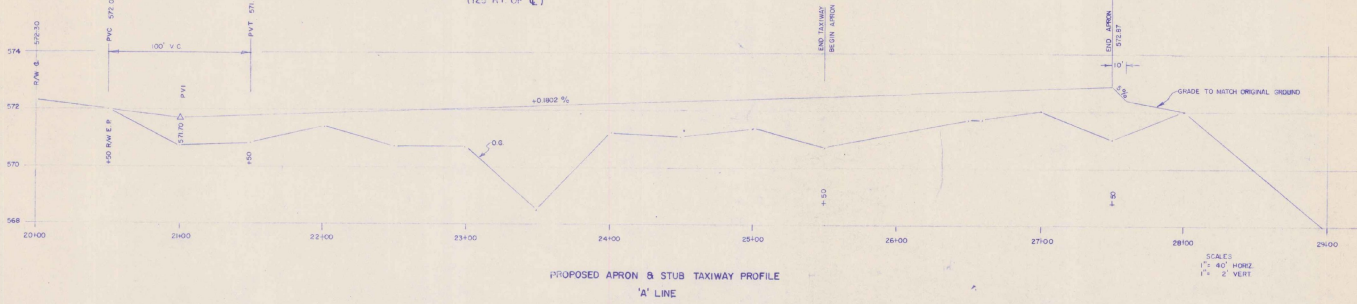
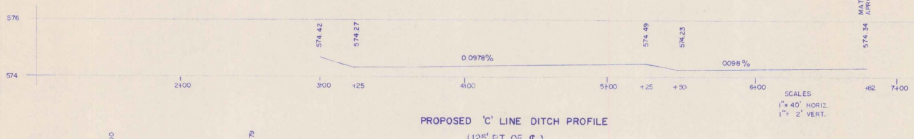
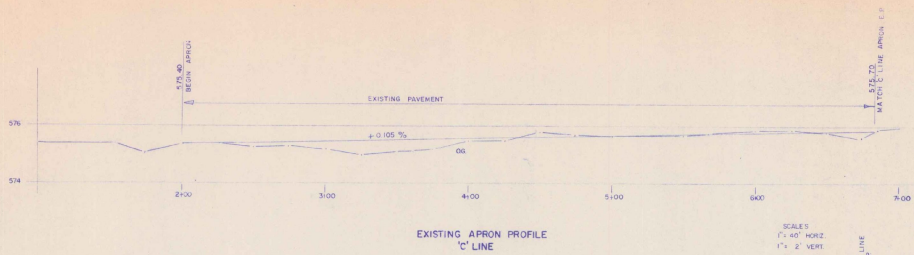
DRAWN BY: GWD
DRAWING NO: 7 OF 18
OCT 14 1981



NOTE: FOR STATION ELEVATIONS SEE SHEET 11 OF 16.

AS BUILT PLANS
 I hereby certify that all the construction required by this set of drawings has been accomplished as indicated herein.
 By: *[Signature]* Resident Engineer
 Date: 6/29/81

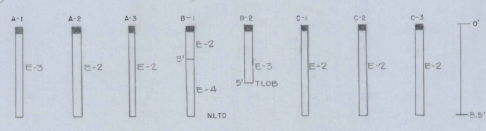
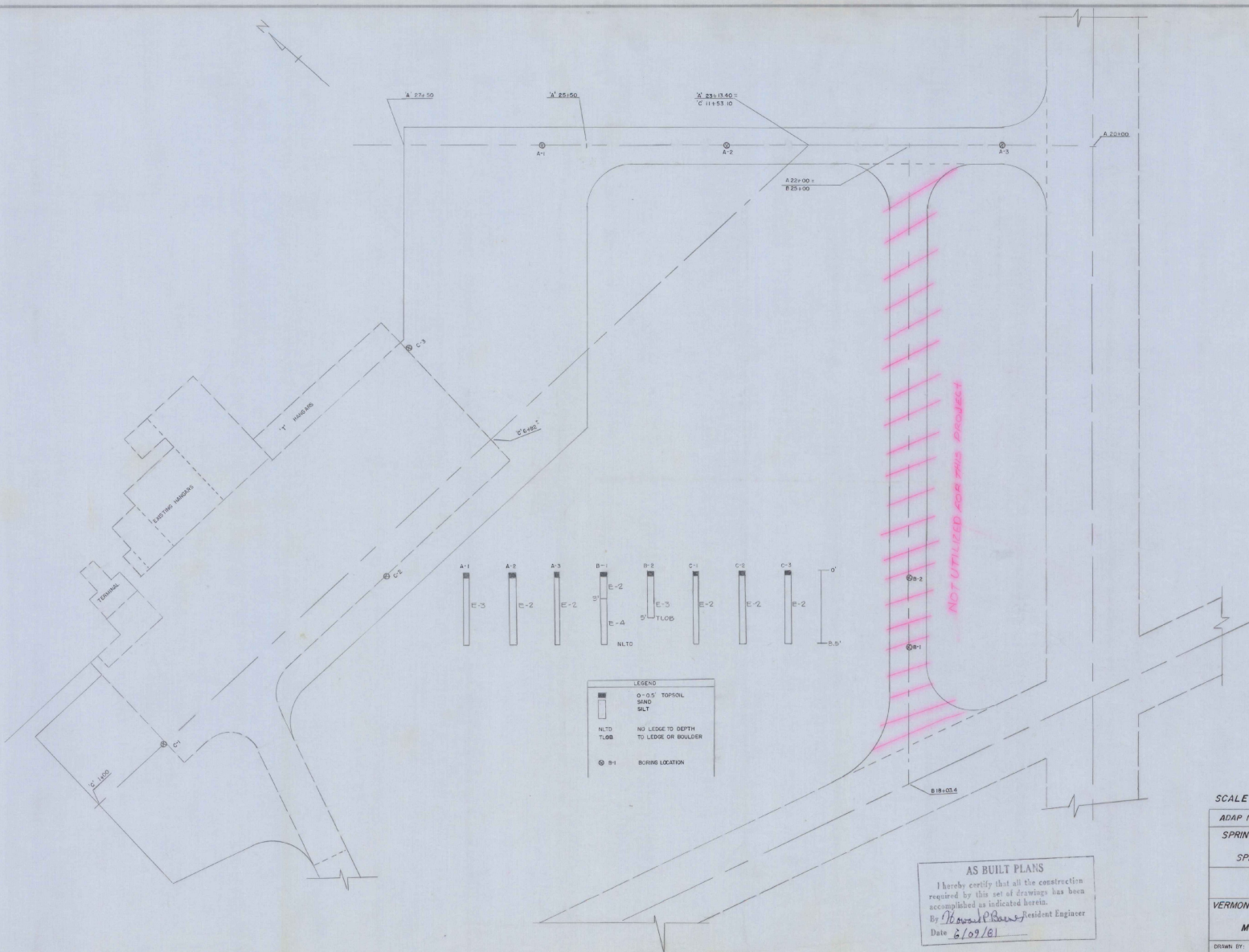
ADAP NO. 5-50-0016-04
 SPRINGFIELD STATE AIRPORT
 (HARTNESS)
 SPRINGFIELD, VERMONT
 APRON & TAXIWAY PROFILES
 VERMONT AGENCY OF TRANSPORTATION
 MONTPELIER, VERMONT



NOTE
FOR STATION ELEVATIONS SEE SHEET 11 OF 16.

AS BUILT PLANS
I hereby certify that all the construction required by this set of drawings has been accomplished as indicated herein.
By: Edward P. Blawie, Resident Engineer
Date: 6/18/61

ADAP NO. 5-50-0016-04
SPRINGFIELD STATE AIRPORT
(HARTNESS)
SPRINGFIELD, VERMONT
APRON & TAXIWAY PROFILES
VERMONT AGENCY OF TRANSPORTATION
MONTPELIER, VERMONT
DRAWN BY: END DRAWING NO. B OF 16

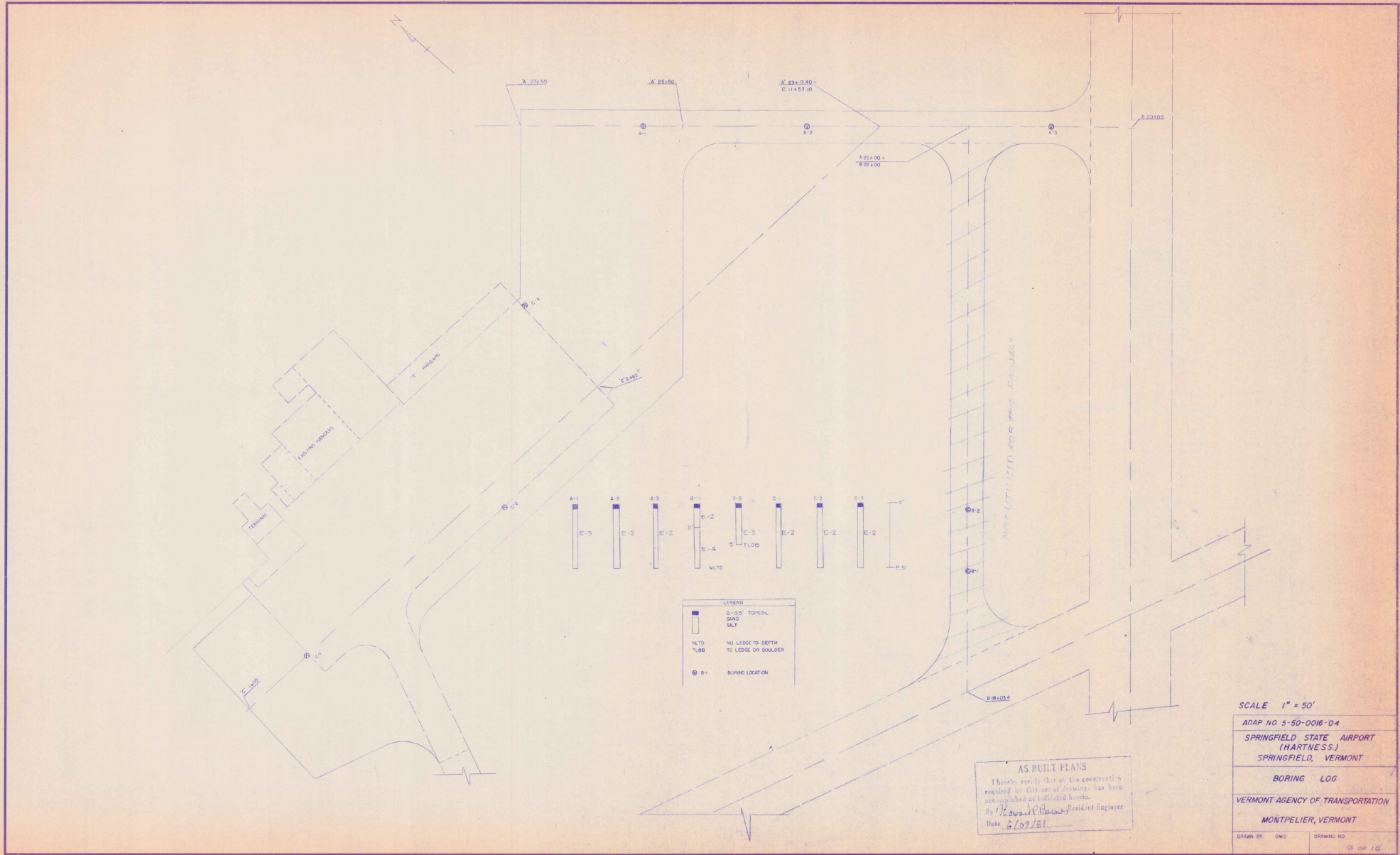


LEGEND
 0-1.5' TOPSOIL
 SAND
 SILT
 NLTD NO LEDGE TO DEPTH
 TO LEDGE OR BOULDER
 B1 BORING LOCATION

AS BUILT PLANS
 I hereby certify that all the construction required by this set of drawings has been accomplished as indicated herein.
 By *Howard P. Bous* Resident Engineer
 Date *8/09/81*

SCALE 1" = 50'

ADAP NO 5-50-0016-04	
SPRINGFIELD STATE AIRPORT (HARTNESS) SPRINGFIELD, VERMONT	
BORING LOG	
VERMONT AGENCY OF TRANSPORTATION	
MONTPELIER, VERMONT	
DRAWN BY: OWD	DRAWING NO. 0 OF 16



SCALE 1" = 50'

ADAP NO 5-50-0016-04	
SPRINGFIELD STATE AIRPORT (HARTNESS)	
SPRINGFIELD, VERMONT	
BORING LOG	
VERMONT AGENCY OF TRANSPORTATION	
MONTPELIER, VERMONT	
DRAWN BY: GWD	DRAWING NO: 02 16

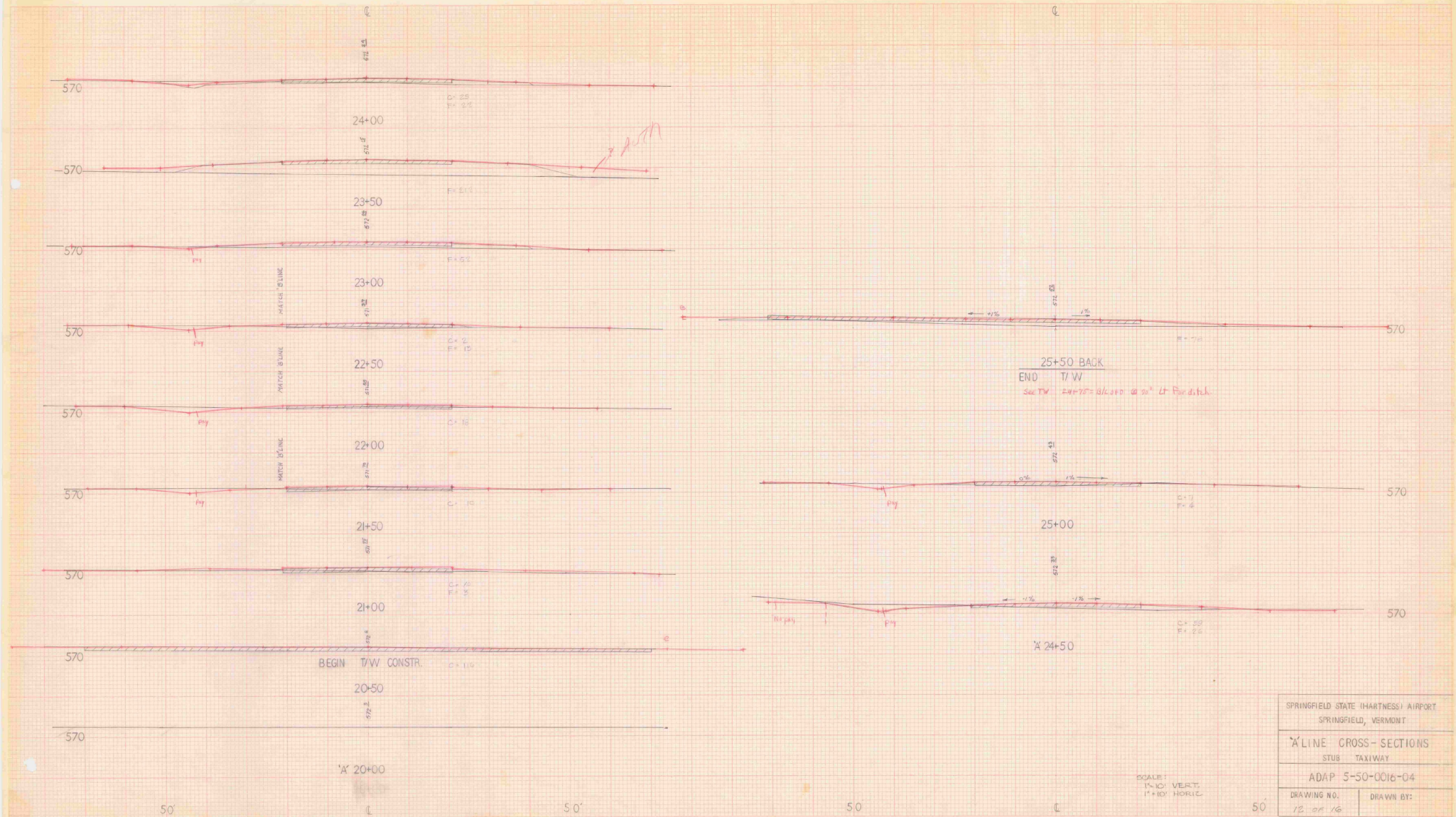
AS BUILT PLANS
 I hereby certify that all the construction required for this set of drawings has been accomplished as indicated herein.
 By *Richard H. Jones* Resident Engineer
 Date 2/09/61

EARTHWORK

EARTHWORK

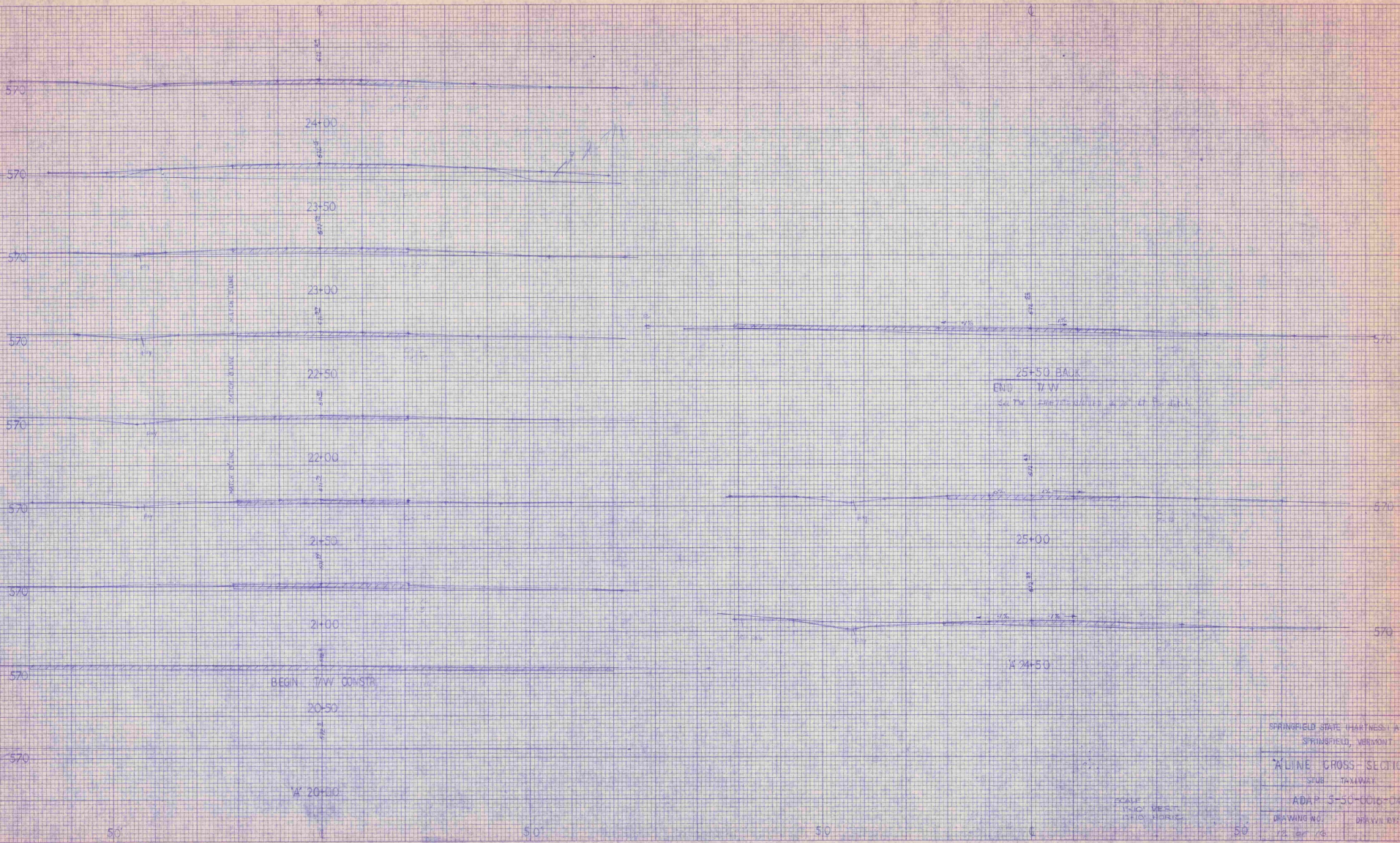
EARTHWORK SUMMARY

EARTHWORK														EARTHWORK														EARTHWORK SUMMARY																
GRADES		TOTAL EXCAVATION EARTH AND ROCK				EMBANKMENT				BASE				V.C.		GRADES		TOTAL EXCAVATION EARTH AND ROCK				EMBANKMENT				BASE				SUMMARY OF BALANCES						B.A.S.E.								
Y.C.	% GRADE	STATION	ELEVATION ON TANGENT	ON V. CURVES	CORR. V.C.	DIST.	AREA	CU. YDS.	AREA	CU. YDS.	AREA	CU. YDS.	AREA	CU. YDS.	Y.C.	% GRADE	STATION	ELEVATION ON TANGENT	ON V. CURVES	CORR. V.C.	DIST.	AREA	CU. YDS.	AREA	CU. YDS.	AREA	CU. YDS.	AREA	CU. YDS.	STATION TO STATION	TOTAL EXCAVATION EARTH & ROCK CUBIC YARDS	ROCK EXCAVATION CUBIC YARDS	EMBANKMENT CUBIC YARDS	EXCESSES CUT	FILL	ACCUMULATIVE EXCESSES CUT	FILL	CUBIC YARDS	CUBIC YARDS					
		Line A															0	275																										
		+50	572.80			116	107										1	275																										
		+50	572.80	571.00	0		116	116									2	275																										
		+50	571.70	571.70	0.00		10	10									3	275																										
		+50	571.70	571.70	0		10	10									4	275																										
		+50	571.50			18	26										5	275																										
		+50	571.97			2	2										6	275																										
		+50	572.06			0	0										7	275																										
		+50	572.15			0	0										8	275																										
		+50	572.24			65	39										9	275																										
		+50	572.33			39	33										10	275																										
		+50	572.42			7	33										11	275																										
		+50	572.52			50	0										12	275																										
		+50	572.60			50	0										13	275																										
		+50	572.69			50	0										14	275																										
		+50	572.78			50	0										15	275																										
		+50	572.87			10	0										16	275																										
		+50	572.97			40	0										17	275																										
		+50	573.00			40	0										18	275																										
		Line A															19	275																										
		+50	572.80			116	107										20	275																										
		+50	572.72			116	116										21	275																										
		+50	572.70			116	116										22	275																										
		+50	572.67			116	116										23	275																										
		+50	572.64			116	116										24	275																										
		+50	572.61			116	116										25	275																										
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		+50	572.43			116	116										31	275																										
		+50	572.40			116	116										32	275																										
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		+50	572.10			116	116										42	275																										
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		+50	572.04			116	116										44	275																										
		+50	572.01			116	116										45	275																										
		+50	571.98			116	116																																					



SPRINGFIELD STATE (HARTNESS) AIRPORT SPRINGFIELD, VERMONT	
"A" LINE CROSS-SECTIONS STUB TAXIWAY	
ADAP 5-50-0016-04	
DRAWING NO. 12 OF 16	DRAWN BY:

SCALE:
1/4" VERT.
1" = 10' HORIZ.



SPRINGFIELD STATE (HARTNESS) AIRPORT
SPRINGFIELD, VERMONT

7" LINE CROSS-SECTIONS
SUB-TAXIWAY

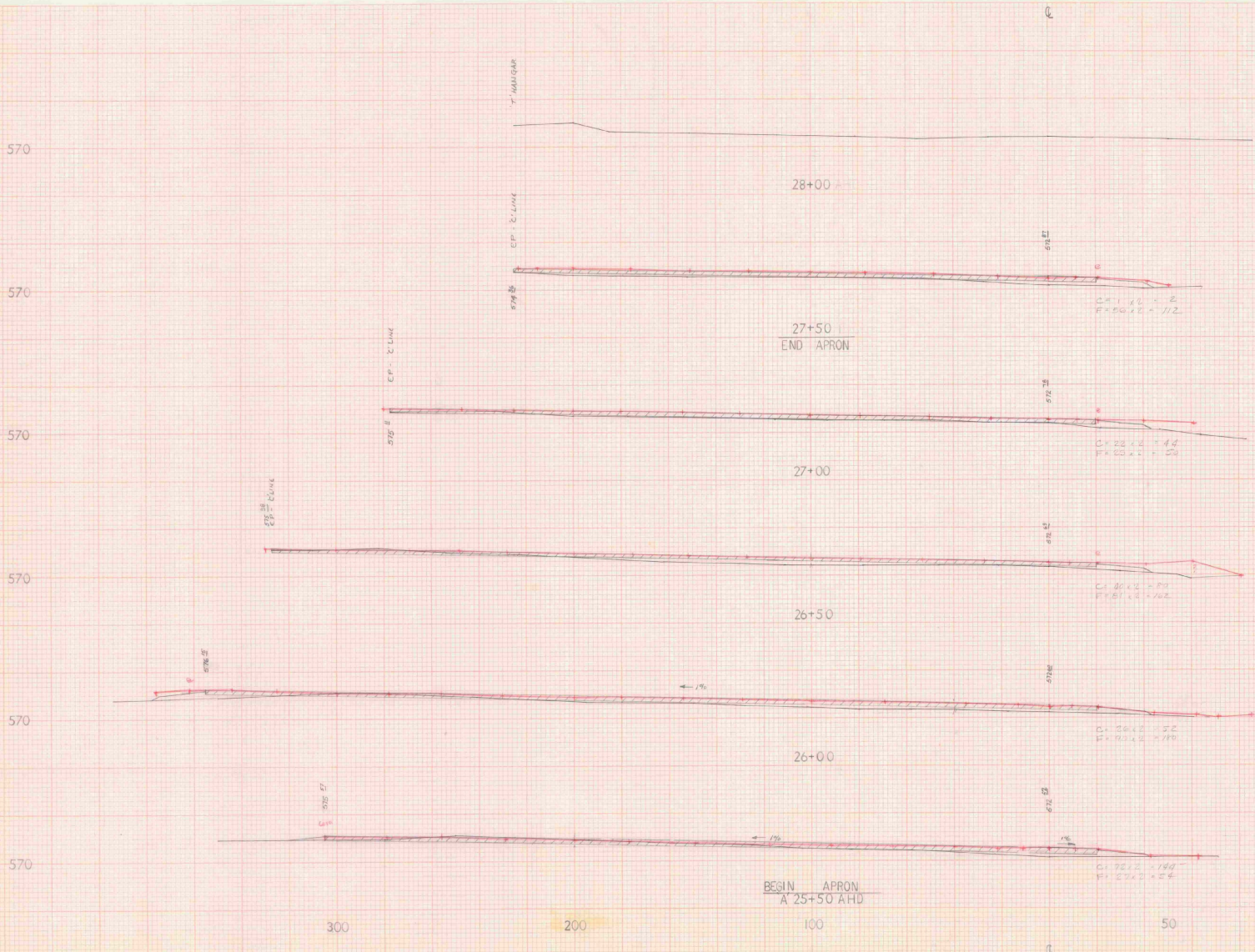
ADRP 3-50-0016-04

DRAWING NO. 12.000.748
DRAWN BY

ENGINEERING INFORMATION FOR
USE BY THE FIELD
OFFICE OF THE DISTRICT ENGINEER

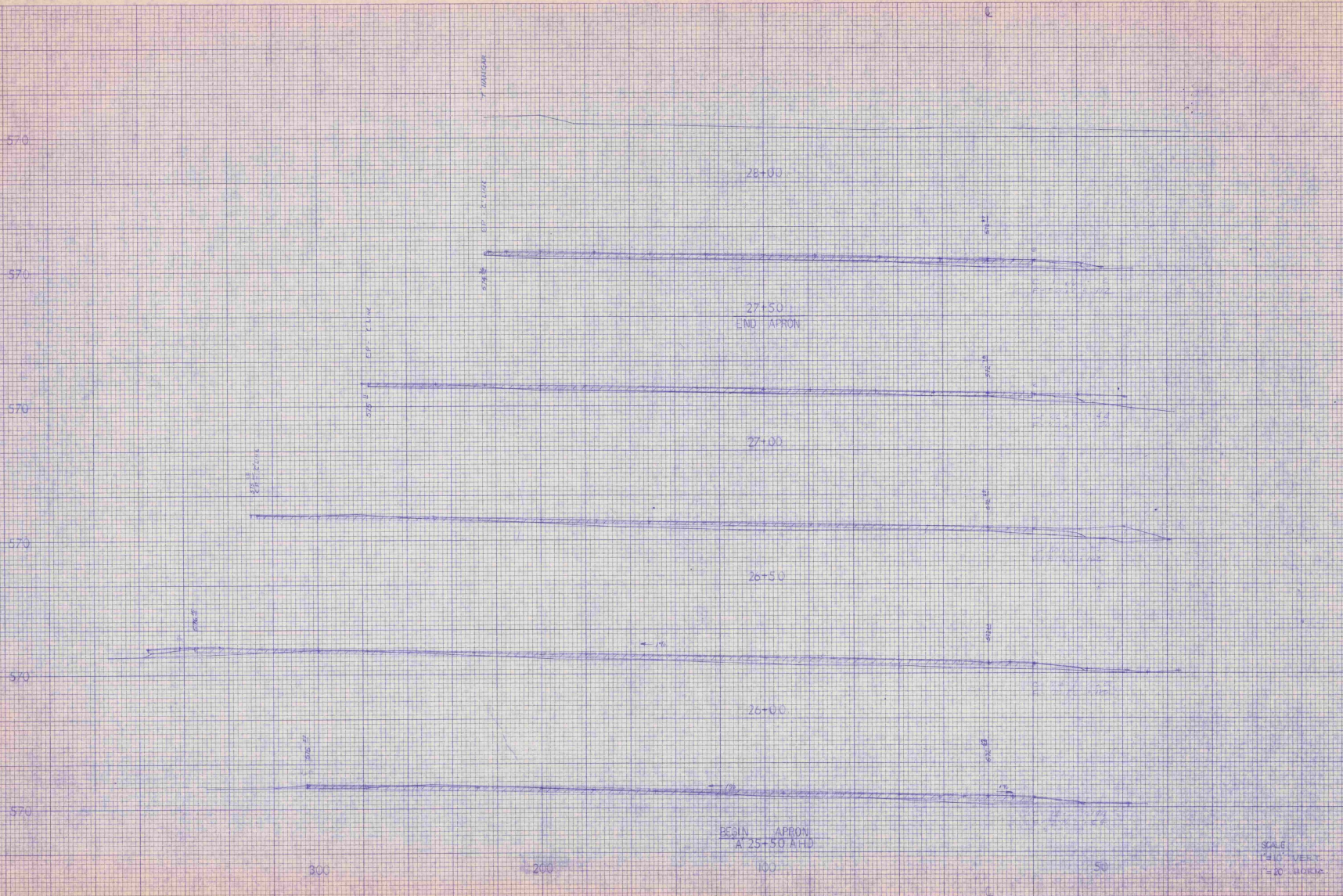
REVISIONS TO THIS
DRAWING

SPRINGFIELD ELECTRIC CO.
250 N. BROAD ST.
SPRINGFIELD, MASSACHUSETTS



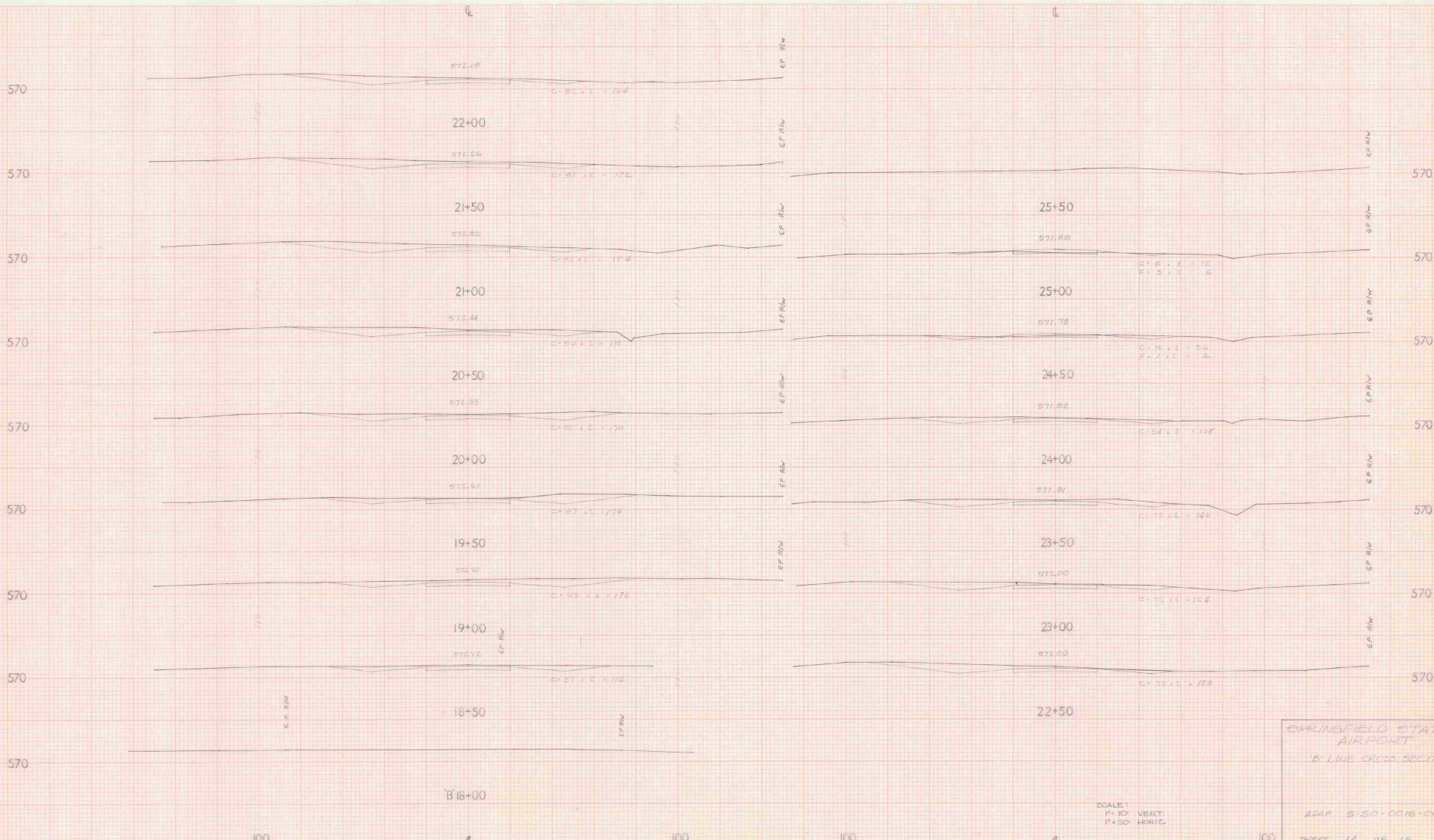
SPRINGFIELD STATE (HARTNESS) AIRPORT SPRINGFIELD, VERMONT	
A LINE CROSS SECTIONS APRON	
ADAP 5-50-0016-C4	
DRAWING NO. 13 OF 16	DRAWN BY

SCALE
1" = 10' VERT.
1" = 20' HORIZ.



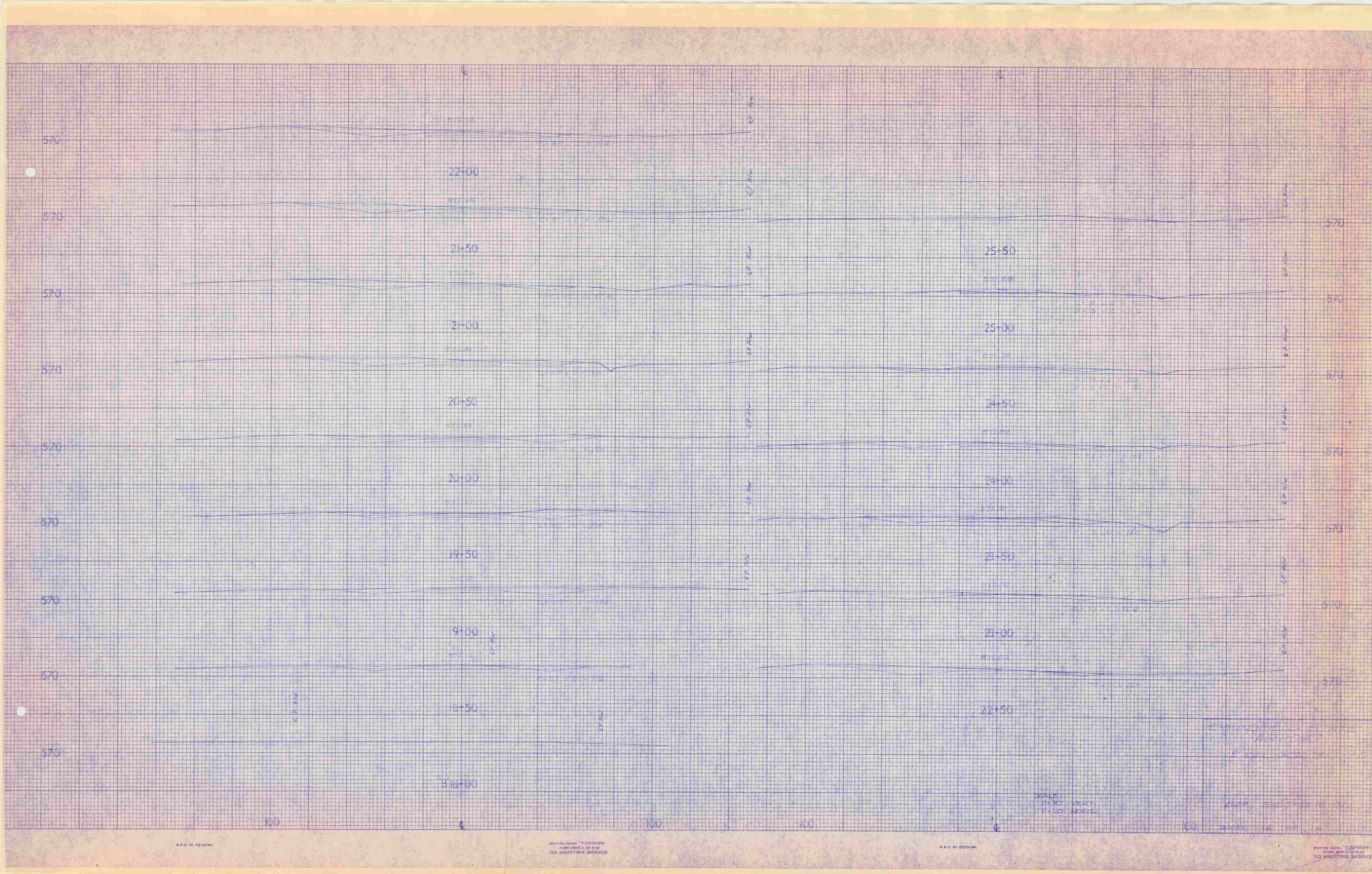
SPRINGFIELD STATE HAZARDOUS WASTE
SITE INVESTIGATION REPORT
M-1 LINE CROSS SECTIONS
APRIL 1990
DRAWING NO. 13 OF 20
DRAWN BY

SCALE
1" = 10' VERT.
1" = 20' HORIZ.



SPRINGFIELD STATE AIRPORT
 'B' LINE CROSS SECTIONS
 ADAP 5-50-0016-C4
 SHEET 14 OF 16

SCALE:
 1" = 10' VERT.
 1" = 20' HORIZ.



100

100

100

100

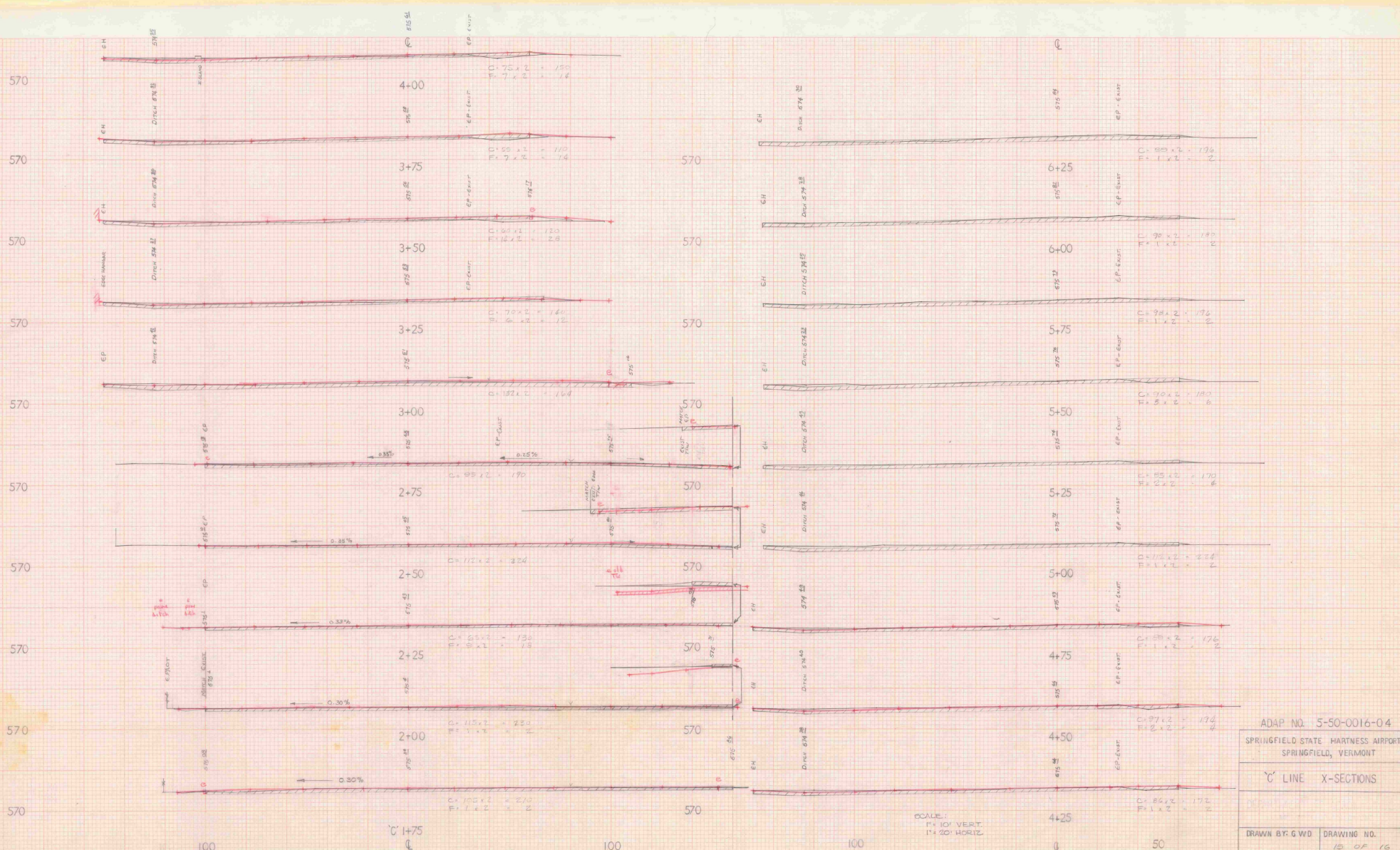
SCALE
1" = 100' VERT.
1" = 100' HORIZ.

DRAWN BY: [illegible]
 CHECKED BY: [illegible]
 DATE: [illegible]

ENGINEERS
 1000 BROADWAY
 NEW YORK, N.Y.

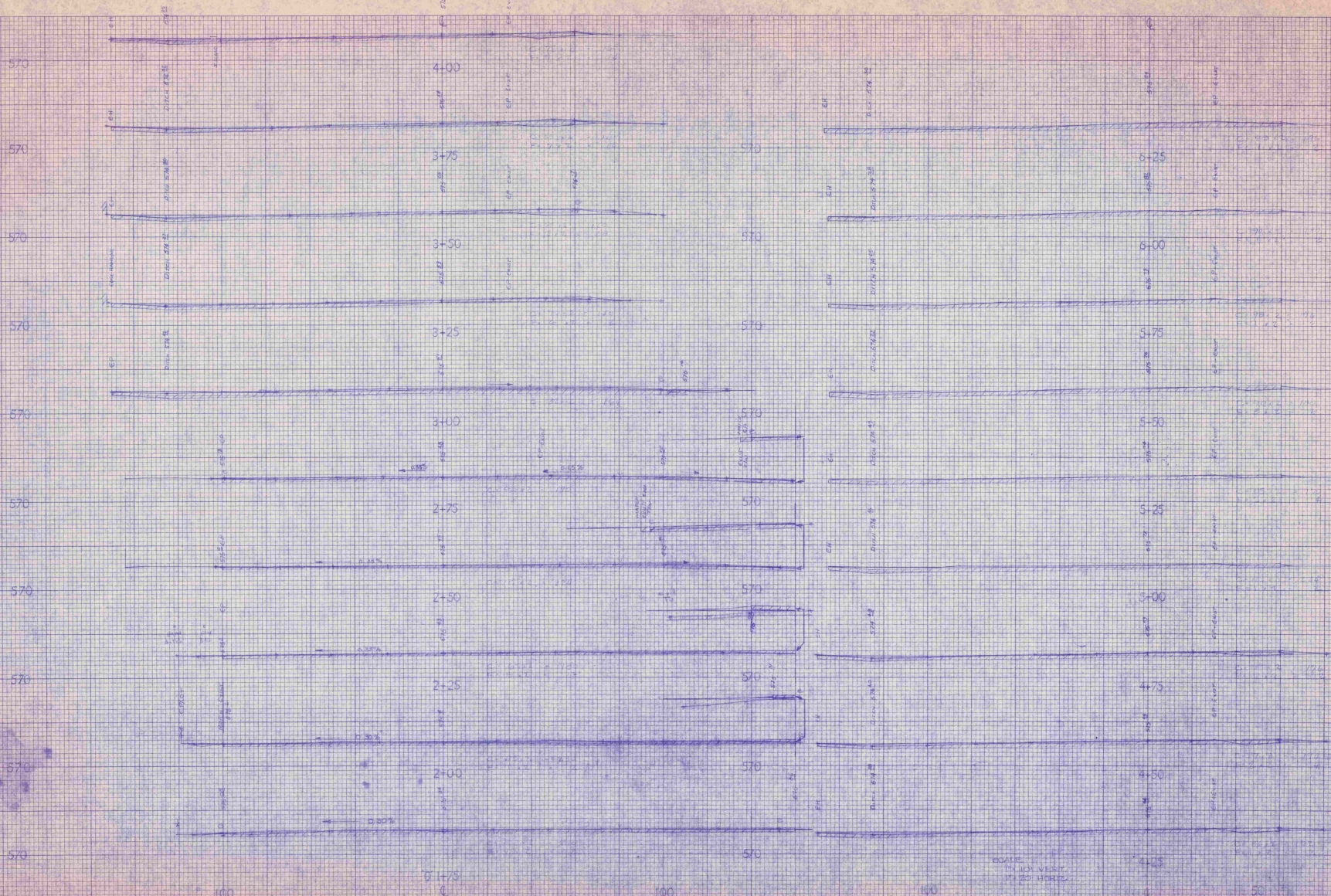
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ENGINEERS
 1000 BROADWAY
 NEW YORK, N.Y.

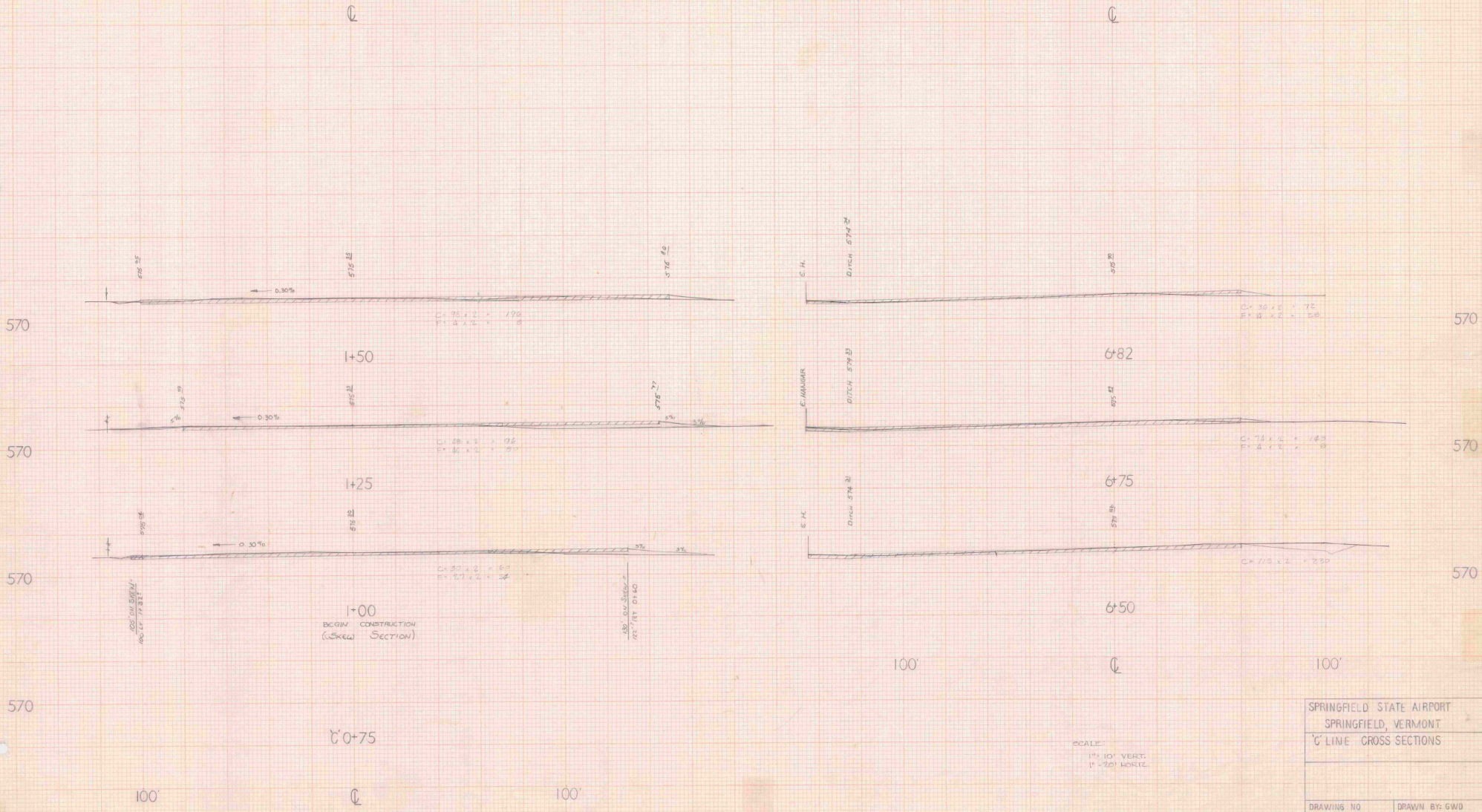


SCALE:
 1" = 10' VERT.
 1" = 20' HORIZ.

ADAP NO. 5-50-0016-04
 SPRINGFIELD STATE HARTNESS AIRPORT
 SPRINGFIELD, VERMONT
 C' LINE X-SECTIONS
 DRAWN BY: G.W.D. DRAWING NO. 15 OF 16



ABAP No. 5-50-0016-04
 SPRINGFIELD STATE HIGHWAYS IMPROVEMENT
 SPRINGFIELD, VERMONT
 X LINE X-SECTIONS
 DRAWN BY G.W.D. DRAWING NO. 100



100'

C' 0-75

100'

100'

100'

SCALE:
1" = 10' VERT
1" = 20' HORIZ

SPRINGFIELD STATE AIRPORT SPRINGFIELD, VERMONT	
C' LINE CROSS SECTIONS	
DRAWING NO 16 OF 16	DRAWN BY: GWD

570
570
570
570

570
570
570

100

100

100

100

Q

Q

+00
DESIGN CONSTRUCTION
(GREEN SECTION)

682

675

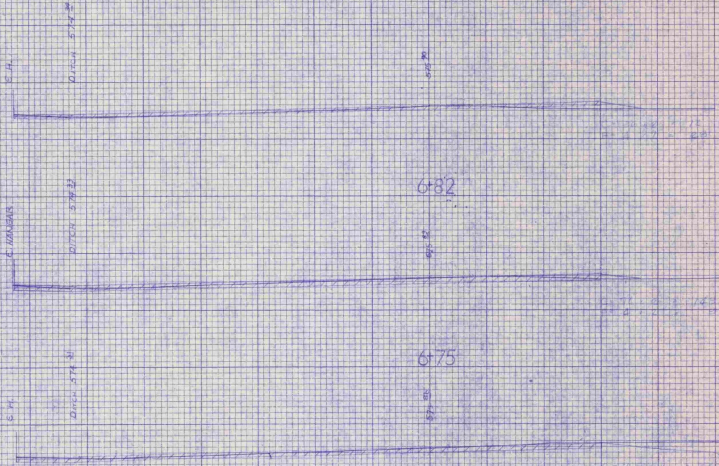
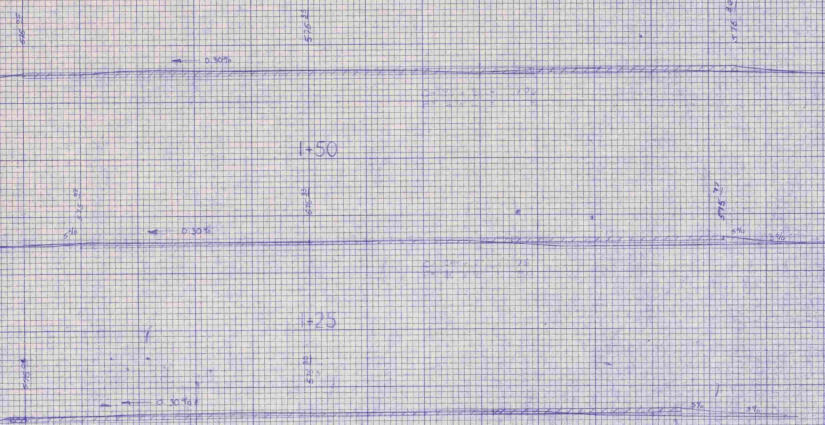
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Q

SPRINGFIELD STATE AIRPORT
SPRINGFIELD, VERMONT
LONGITUDINAL CROSS SECTIONS

DRAWING NO. 74-1067-78
DRAWN BY G.W.D.

SCALE 1" = 10' VERT.
1" = 100' HORIZ.



SPRINGFIELD STATE
TERMINAL AREA IMPROV.
★ 5-50-0016-04
1981

**VERMONT AGENCY OF TRANSPORTATION
PLANNING DIVISION**