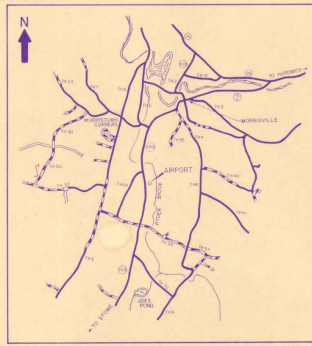


- INDEX OF SHEETS**
1. TITLE SHEET
 2. BORING LOG & BASELINE DATA & DETAILS
 3. TYPICAL SECTIONS & DETAILS
 - 4.-5. QUANTITY, EARTHWORKS, DRAINAGE & ITEM DETAIL SHEET
 - 6.-7. PLAN
 8. PROFILE
 - 9.-10. GRADING PLAN SHEETS
 11. AP-3 AIRPLANE TIE-DOWN ANCHORS, UNDERGROUND ELEC. DUCT 12/15/81
 12. D-6 TYPE "A" 4'x4' CATCH BASIN TOP 3/4/73
 13. D-11 CAST IRON GRATE TYPE "A", CAST IRON COVER 6/24/81R
 14. D-13 CONC. C.B. WITH CAST IRON GRATE, CONC. M.H. WITH CAST IRON COVER 8/10/81R
 15. F-3 CHAIN-LINK FENCE, TYPE III, DRIVE GATE FOR CHAIN-LINK FENCE, TYPE III 2/1/79R
 16. G-5 GUARD RAIL, CEDAR LOG 12/19/72R
 - 17.-28. CROSS SECTION SHEETS



VICINITY MAP
SCALE IN MILES

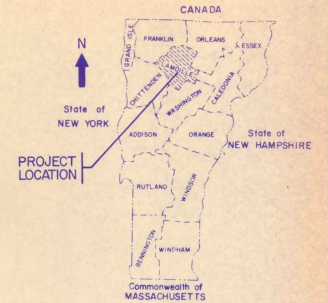
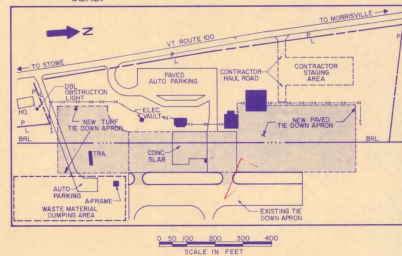
**STATE OF VERMONT
AGENCY OF TRANSPORTATION**



**PROPOSED IMPROVEMENT
TOWN OF MORRISTOWN
COUNTY OF LAMOILLE
MORRISVILLE-STOWE STATE AIRPORT**

AIP 3-50-0012-04
AIR 03-2040

CONSTRUCT 162,000 SQ. FT. OF BITUMINOUS CONCRETE PAVED APRON, CONSTRUCT 65,600 SQ. FT. OF TURFED APRON, INSTALL AIRPLANE TIE-DOWN ANCHORS, INSTALL 1,175 FT. OF INADVERTANT ACCESS FENCING, INSTALL DRAINAGE IMPROVEMENTS, AND REMOVE EXISTING CONCRETE SLAB.



RECORD PLANS

- CONVENTIONAL SIGNS**
- COUNTY LINE
 - TOWN LINE
 - LIMITS OF ACCESS
 - POINT OF ACCESS
 - FENCE LINE
 - STONE WALL
 - TRAVELED WAY
 - GUARD RAIL
 - RAILROAD
 - SURVEY LINE
 - CULVERT
 - POWER POLE
 - TELEPHONE POLE
 - TREES
 - CONTROL OF ACCESS
 - PROPERTY LINE
 - ROW TAKING LINE
 - SLOPE RIGHTS
 - TOP OF CUT
 - TOE OF SLOPE

DATUM

VERTICAL	NGVD 1929
HORIZONTAL	NAD 1927

AS BUILT PLANS
I hereby certify that all the information required by this contract drawings has been accurately and completely furnished.
By *John W. Wood*
Date *4/22/87*

AIP 3-50-0012-04
AIR 03-2040

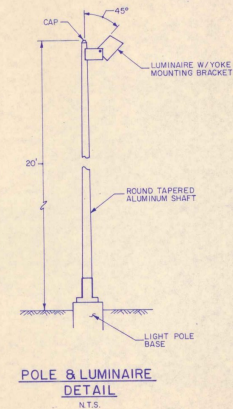
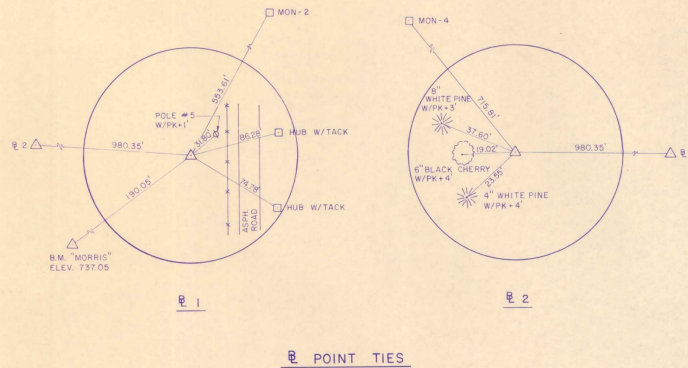
SUBMITTED BY ORDER OF THE STATE TRANSPORTATION BOARD	
APPROVED <i>Frankie Wood</i>	DATE <i>6-2-85</i>
DIRECTOR OF ENGINEERING AND CONSTRUCTION	
DEPARTMENT OF TRANSPORTATION	
FEDERAL AVIATION ADMINISTRATION	
APPROVED _____	DATE _____
DIVISION ADMINISTRATOR	
PROJECT AIR NO 03-2040	AIP NO 3-50-0012-04
SHEET 1 OF 28 SHEETS	

These plans and specifications are in accordance with criteria contained in current FAA advisory circulars as indicated in AC checklist AC 00-29X dated 03/25/84. These plans are subject to such engineering changes as may be required by the Federal Aviation Administration or the Director of Engineering and Construction. Construction is to be carried on in accordance with these plans and the Standard Specifications for Highway and Bridge Construction dated March, 1976, as approved by the Federal Aviation Administration on October 27, 1976 for use on this project, including all subsequent revisions and such revised specifications and special provisions as are incorporated in these plans.

MORRISVILLE-STOWE
AIP 03-50-0012-04
AIR 3-50-0012-04
CANTONMENT, MORRISVILLE, VERMONT
1976

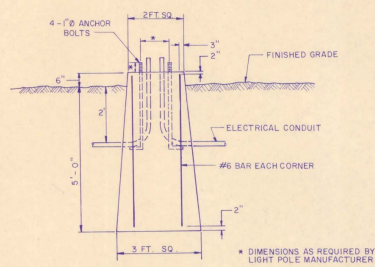
TABLE OF AZIMUTHS AND COORDINATES			
POINT	AZIMUTH	N. COORDINATE	E. COORDINATE
1	358°26'-37"	742,025.42	469,765.39
2		743,005.40	469,738.74
MONUMENT 4	40°-24'-33"	743,550.37	470,202.95
MONUMENT 2	178°-26'-31"	741,760.74	470,251.63

TABLE OF BENCH MARKS		
B.M. NAME OR NUMBER	DESCRIPTION	ELEVATION
"MORRIS"	U.S. COAST & GEODETIC SURVEY REFERENCE MARKER LOCATED 216' SOUTH, 61' WEST FROM S.W. CORNER OF THE TERMINAL BUILDING	737.05
#1	CHESSLED 1" x EAST EDGE OF FRAME, ON CATCH BASIN LOCATED 267' EAST, 63' NORTH FROM N.E. CORNER OF THE OLD HANGER (MORRISFIELD AVIATION).	729.81

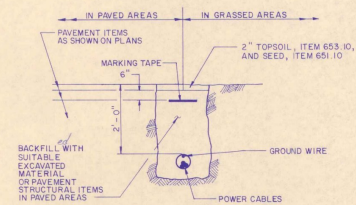


**POLE & LUMINAIRE
DETAIL**
N.T.S.

BORING LOG		
BR-1	BR-2	BR-3
0' SM GRAVELLY SILTY SAND BRN DRY	0' SM GRAVELLY SILTY SAND BRN DRY	0' SP-SM SILTY GRAVELLY SAND BRN DRY
2' SM SILTY SAND BRN DRY	2' SP-SM GRAVELLY SILTY SAND BRN DRY	2' GW-GW SILTY SANDY GRAVEL BRN DRY
4' SM SILTY SAND BRN MOIST	4' SM SILTY SAND BRN DRY	6' SP-SM SILTY GRAVELLY SAND BRN MOIST
6' GP-GM SILTY SANDY GRAVEL BRN MOIST	6' SP-SM SILTY GRAVELLY SAND BRN MOIST	8' SP GRAVELLY SAND BRN MOIST
8' SP-SM SILTY GRAVELLY SAND BRN MOIST	12' SP SAND BRN MOIST	
10' SP-SM SILTY SAND BRN MOIST		
12' SP-SM SILTY SAND BRN MOIST		
STA. 15+00 40' RT.	STA. 11+50 10' LT.	STA. 17+50 30' LT.



LIGHT POLE BASE DETAIL
N.T.S.

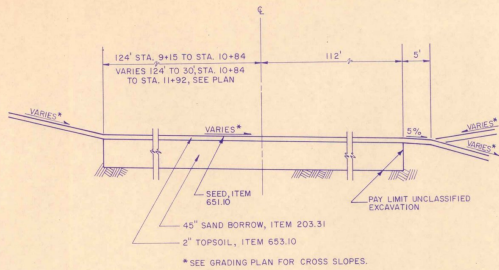


CONDUIT TRENCH DETAIL
N.T.S.

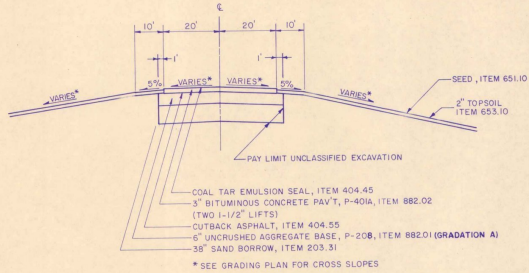
AS BUILT PLANS
I hereby certify that all the construction required by the set of drawings has been accomplished as shown on the plans.
By *Robert H. Stowe* Civil Engineer
Date *Feb 2, 1962*

DATUM
VERTICAL: NVD 1929
HORIZONTAL: NAD 1927

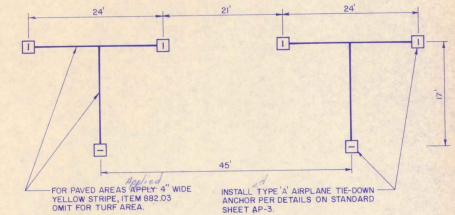
SURVEYED BY: CH BA DATE: 4/85
DRAWN BY: K S DATE: 7/85
TRACED BY: VLH DATE: 7/85
MORRISVILLE-STOWE STATE AIRPORT
PROJ. AIR NO. 825 8030
SHEET 2 OF 28



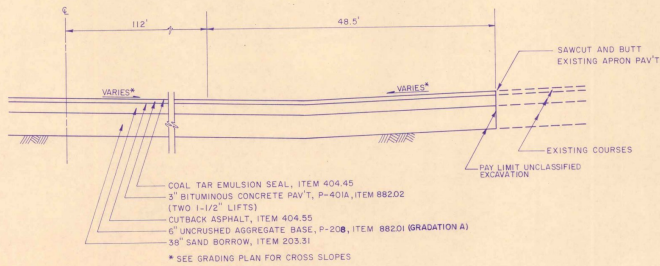
TURF APRON AREA TYPICAL
N.T.S.
STA. 9+15 TO STA. 11+92



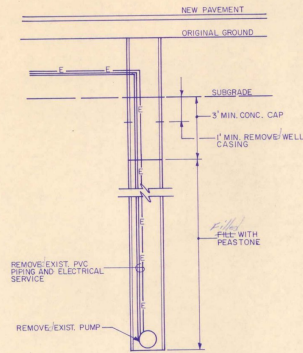
TAXIWAY STUB TYPICAL
SECTION A-A
N.T.S.



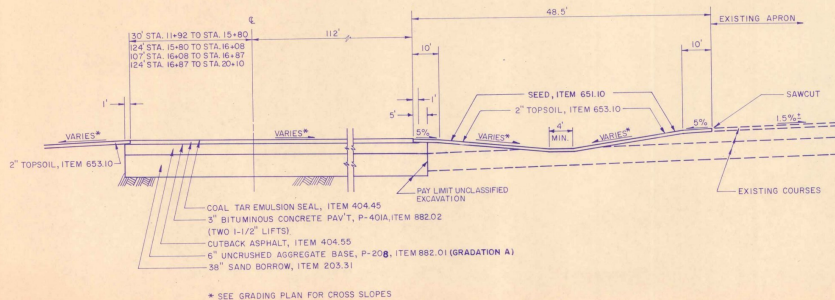
AIRPLANE TIE-DOWN LAYOUT
N.T.S.



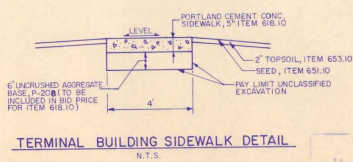
TAXIWAY STUB EDGE DETAIL
N.T.S.



CAP EXISTING WATER WELL DETAIL
N.T.S.



PAVED APRON AREA TYPICAL (GRASS DITCH RIGHT)
N.T.S.



TERMINAL BUILDING SIDEWALK DETAIL
N.T.S.

GENERAL NOTES

- Seed, item 651.10 to be applied as directed by the engineer.
- Fertilizer, item 651.15, formula 10-20-10 to be used with seed, item 651.10 applied at the rate of 500 LBS/acre
- Agricultural limestone, item 651.20 to be applied at rate of 2 tons/acre or as directed by the engineer
- Hay Mulch, item 651.25, to be placed on earth slopes at the rate of 2 tons/acre
- Topsoil, item 653.10, to be used with seed, item 651.10 in areas, as directed by the engineer
- Allowable thickness tolerances:
Sand Borrow ± 1"
pavement ± 1/4"
base course ± 1/2"
- Subgrade under areas to be paved to be compacted to 95% density as per FAA T-611 (ASHO T-100)
- Bituminous prime coat to be applied as per item 404.45, subsection 404.06 (1) - Type 1, using MC-250
- Top 9" of sand borrow to be compacted to 100% density (ASHO T-100)

The seed mixture shall not have a weed content exceeding 0.40% by weight and shall be free of all noxious weed seed.

ASPHALT PLANS
Morrisville-Stowe State Airport
Checked by: *[Signature]*
Date: *7/1/1967*

SURVEYED BY: CHBA DATE: 4/65
DRAWN BY: K.S. DATE: 6/65
TRACED BY: V.L.H. DATE: 7/65
MORRISVILLE-STOWE STATE AIRPORT
PROJ. AIR NO. 03-2040
AIR 3-50-0012-04
SHEET 3 OF 28

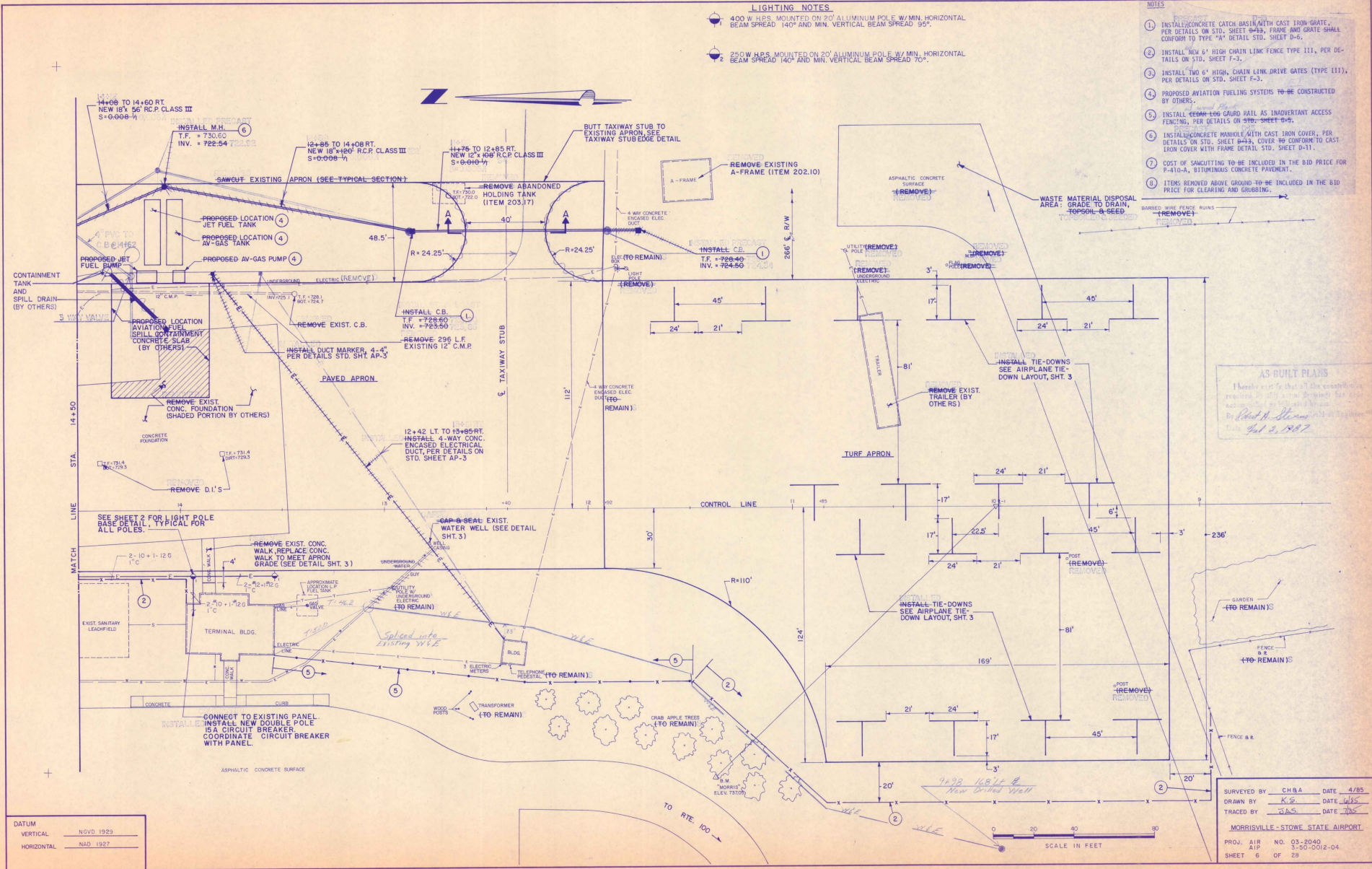
DATUM:
VERTICAL: NGVD 1929
HORIZONTAL: NAD 1927

LIGHTING NOTES

- 1 400 W.H.B.S. MOUNTED ON 20' ALUMINUM POLE, W/ MIN. HORIZONTAL BEAM SPREAD 140° AND MIN. VERTICAL BEAM SPREAD 95°.
- 2 250 W.H.B.S. MOUNTED ON 20' ALUMINUM POLE, W/ MIN. HORIZONTAL BEAM SPREAD 140° AND MIN. VERTICAL BEAM SPREAD 70°.

NOTES

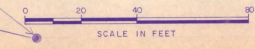
- 1 INSTALL CONCRETE CATCH BASIN WITH CAST IRON COATE PER DETAILS ON STD. SHEET D-43, FRAME AND GRATE SHALL CONFORM TO TYPE "A" DETAIL STD. SHEET D-6.
- 2 INSTALL NEW 6' HIGH CHAIN LINK FENCE TYPE 111, PER DETAILS ON STD. SHEET F-3.
- 3 INSTALL TWO 6' HIGH CHAIN LINK DRIVE GATES (TYPE 111), PER DETAILS ON STD. SHEET F-3.
- 4 PROPOSED AVIATION FUELING SYSTEMS TO BE CONSTRUCTED BY OTHERS.
- 5 INSTALL BEAM-AND-GAUGE RAIL AS IMPEDIMENT ACCESS FENCING, PER DETAILS ON STD. SHEET D-5.
- 6 INSTALL CONCRETE MANHOLE WITH CAST IRON COVER, PER DETAILS ON STD. SHEET D-43, COVER TO CONFORM TO CAST IRON COVER WITH FRAME DETAIL STD. SHEET D-11.
- 7 COST OF SAWCUTTING TO BE INCLUDED IN THE BID PRICE FOR P-10-A, RETURNING CONCRETE PARALLEL.
- 8 ITEMS REMOVED ABOVE GROUND TO BE INCLUDED IN THE BID PRICE FOR CLEARING AND GRUBBING.



AS BUILT PLANS
 I hereby certify that all the construction required by this plan has been completed by *Paul H. Stearns* on *July 2, 1987*.

DATUM	
VERTICAL	NGVD 1929
HORIZONTAL	NAD 1927

SURVEYED BY	CHBA	DATE	4/85
DRAWN BY	K.S.	DATE	4/85
TRACED BY	J.A.S.	DATE	7/85
MORRISVILLE-STOWE STATE AIRPORT			
PROJ. AIR	NO. 03-2040		
AIP	3-50-0012-04		
SHEET	6	OF	28

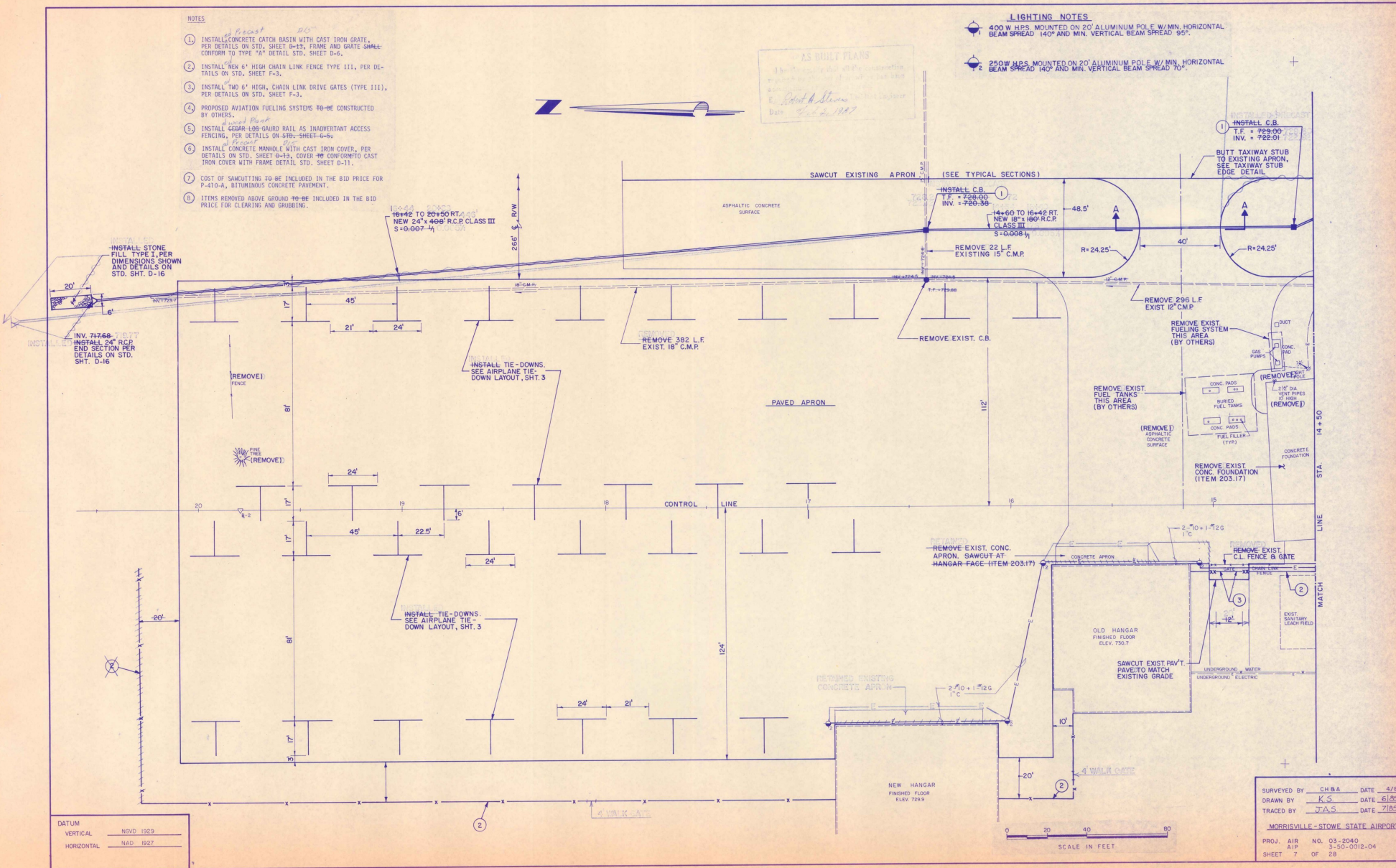


NOTES

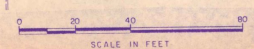
1. INSTALL CONCRETE CATCH BASIN WITH CAST IRON GRATE, PER DETAILS ON STD. SHEET D-13. FRAME AND GRATE SHALL CONFORM TO TYPE "A" DETAIL STD. SHEET D-6.
2. INSTALL "HEX 6" HIGH CHAIN LINK FENCE TYPE III, PER DETAILS ON STD. SHEET F-3.
3. INSTALL "TWO 6" HIGH CHAIN LINK DRIVE GATES (TYPE III), PER DETAILS ON STD. SHEET F-3.
4. PROPOSED AVIATION FUELING SYSTEMS TO BE CONSTRUCTED BY OTHERS.
5. INSTALL CEDAR LOG GUARD RAIL AS INADVERTANT ACCESS FENCING, PER DETAILS ON STD. SHEET G-5.
6. INSTALL CONCRETE MANHOLE WITH CAST IRON COVER, PER DETAILS ON STD. SHEET H-13. COVER W/ CONFORMING CAST IRON COVER WITH FRAME DETAIL STD. SHEET D-11.
7. COST OF SAWCUTTING TO BE INCLUDED IN THE BID PRICE FOR P-410-A, BITUMINOUS CONCRETE PAVEMENT.
8. ITEMS REMOVED ABOVE GROUND TO BE INCLUDED IN THE BID PRICE FOR CLEARING AND GRUBBING.

- LIGHTING NOTES**
1. 400 W HPS. MOUNTED ON 20' ALUMINUM POLE W/ MIN. HORIZONTAL BEAM SPREAD 140° AND MIN. VERTICAL BEAM SPREAD 95°.
 2. 250W HPS. MOUNTED ON 20' ALUMINUM POLE W/ MIN. HORIZONTAL BEAM SPREAD 140° AND MIN. VERTICAL BEAM SPREAD 70°.

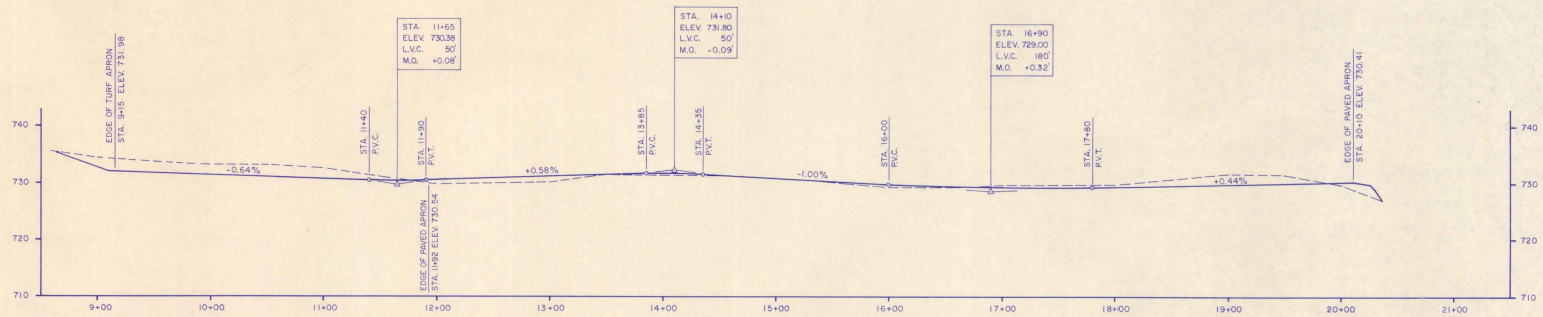
AS BUILT PLANS
 This is a reproduction of the original plans.
 Date: 5-22-1987



DATUM	
VERTICAL	NOVD 1929
HORIZONTAL	NAD 1927



SURVEYED BY	CH&A	DATE	5/85
DRAWN BY	K.S.	DATE	6/85
TRACED BY	J.A.S.	DATE	7/85
MORRISVILLE-STOWE STATE AIRPORT			
PROJ. AIR	NO. 03-2040		
AIR	3-50-0018-04		
SHEET	7	OF	28

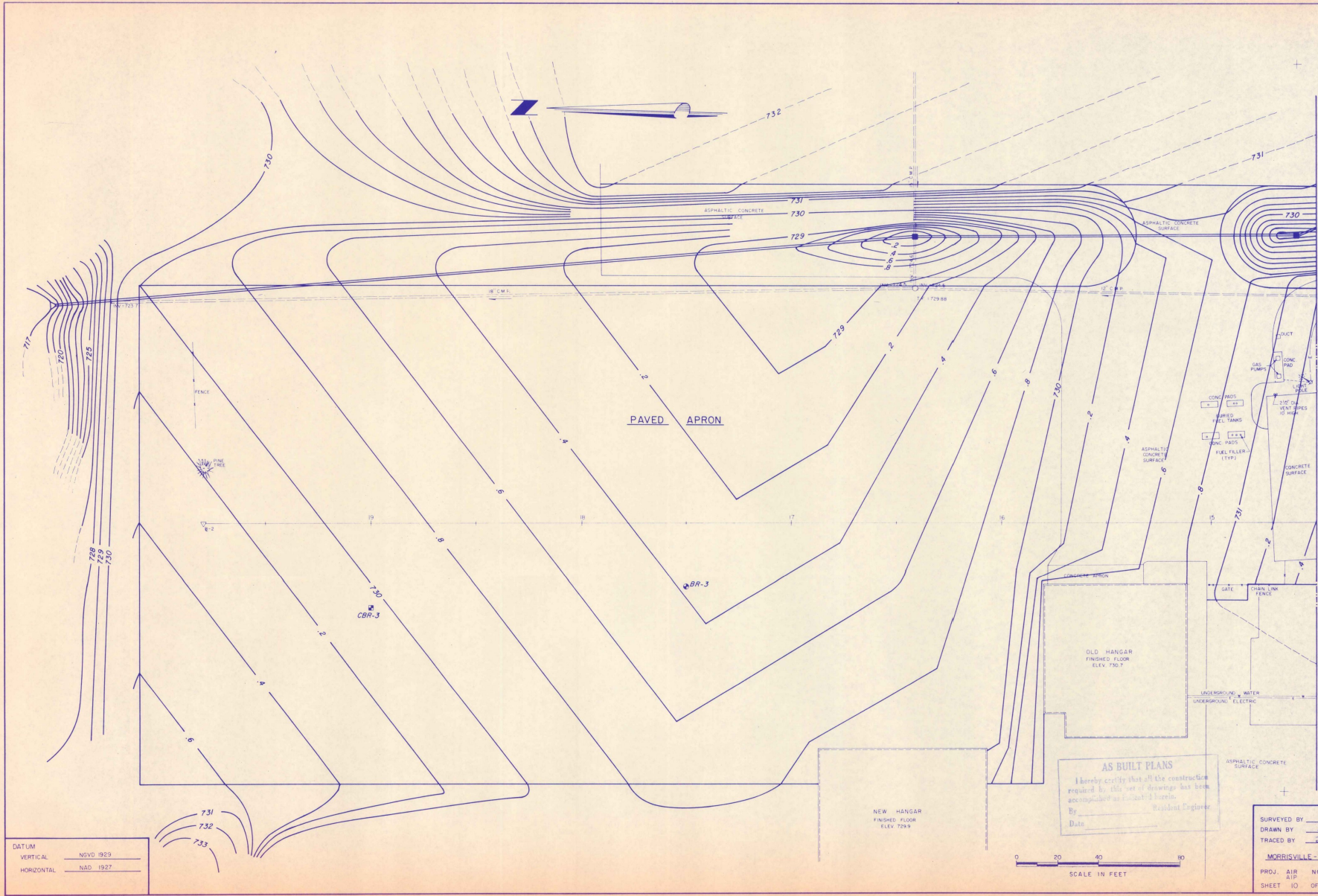



PROFILE
 SCALE: 1"=10' VERT.
 1"=50' HORIZ.

AS BUILT PLANS
 I hereby certify that all the construction
 required on this project has been
 completed and that the
 plans shown herein are true and
 correct as built.
 Date: Feb. 11, 1977

DATUM
 VERTICAL: NOV. 1929
 HORIZONTAL: NAD 1927

SURVEYED BY: CHBA DATE: 4/85
 DRAWN BY: K.S. DATE: 4/85
 TRACED BY: V.L.H. DATE: 7/85
MORRISVILLE-STOWE STATE AIRPORT
 PROJ. AIR NO. 93-2040
 21P 3.55-002-04
 SHEET 8 OF 28



DATUM
 VERTICAL NGVD 1923
 HORIZONTAL NAD 1927

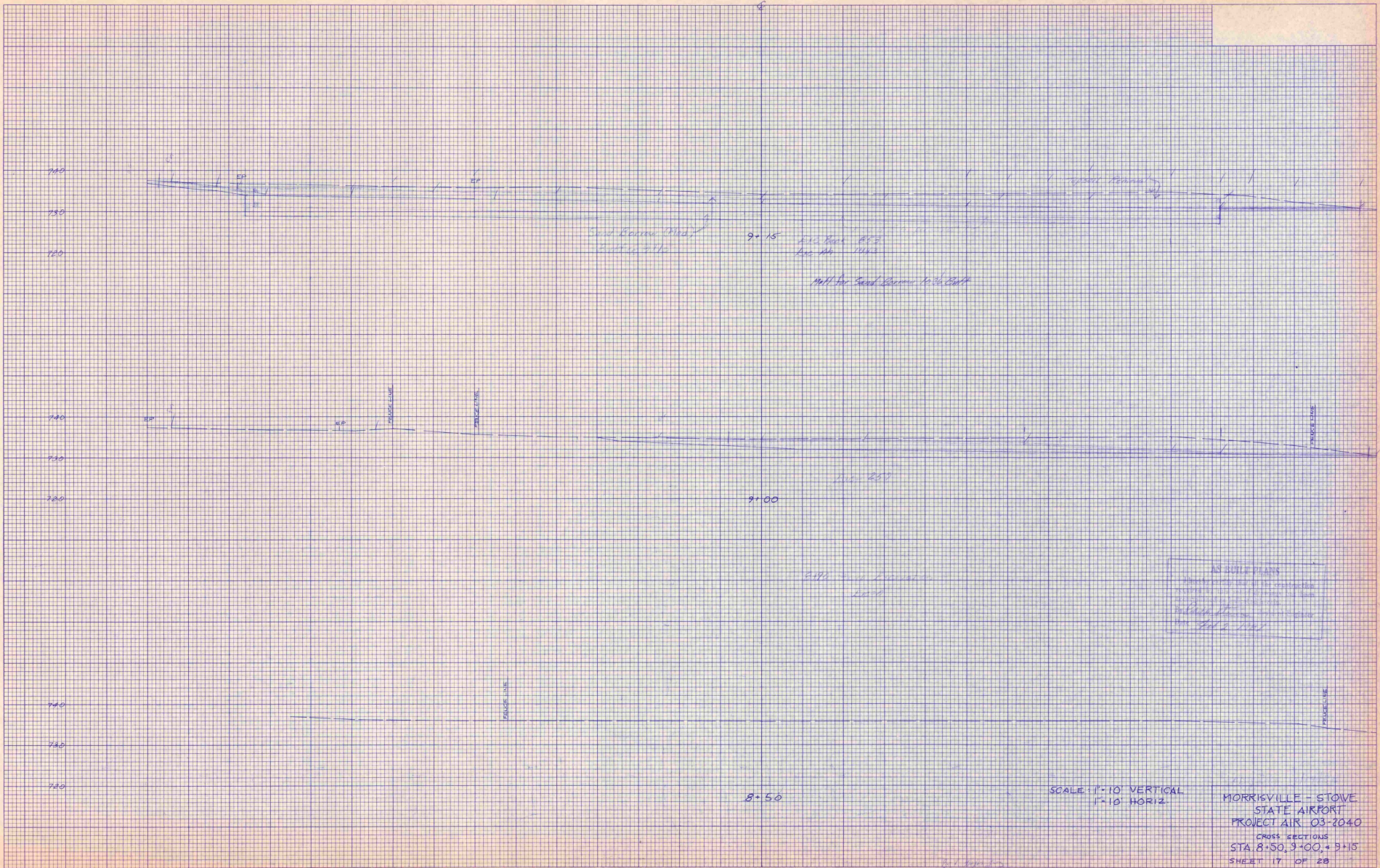
AS BUILT PLANS
 I hereby certify that all the construction
 required by this set of drawings has been
 accomplished as indicated herein.
 By _____ Resident Engineer
 Date _____

0 20 40 80
 SCALE IN FEET

SURVEYED BY CHBA DATE 4/85
 DRAWN BY K.B. DATE 4/85
 TRACED BY A.A.S. DATE 1/85
 MOHRVILLE-STOWE STATE AIRPORT
 PROJ. AIR NO. 03-2040
 A.I.P. 3-20-0012-04
 SHEET 10 OF 28

FINAL SURVEY
 DATE: _____ BY: _____
 PROJECT: _____
 SHEET NO.: _____

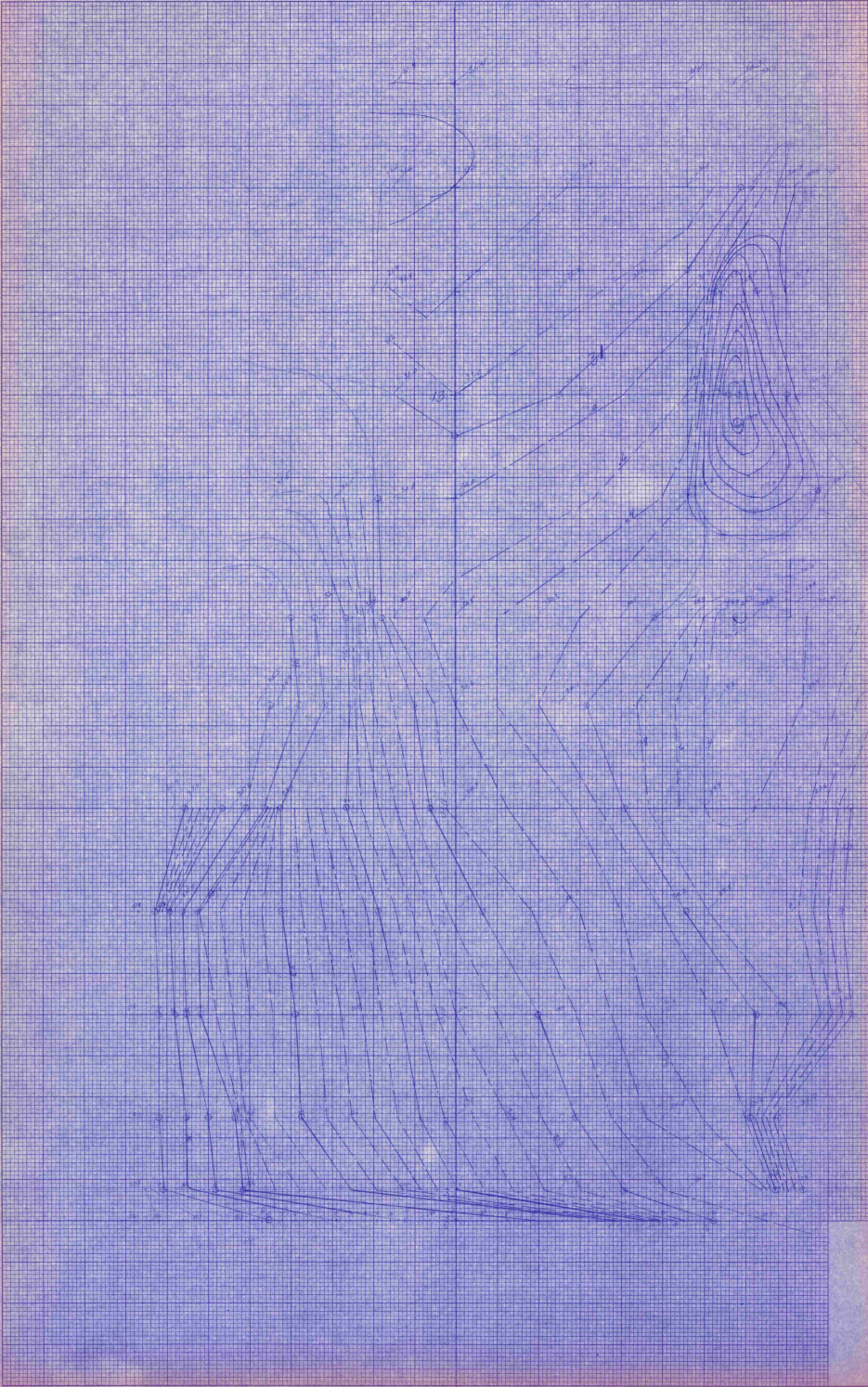
ORIGINAL SURVEY
 DATE: _____ BY: _____
 PROJECT: _____
 SHEET NO.: _____




AS BUILT PLANS
 I hereby certify that the engineering work
 shown on these plans was done by me or
 under my direct supervision and that I am
 a duly licensed Professional Engineer in
 the State of Missouri.
 Date: 10/2/1963
 Signature: _____

ORIGINAL SURVEY	REVISED	BY	DATE

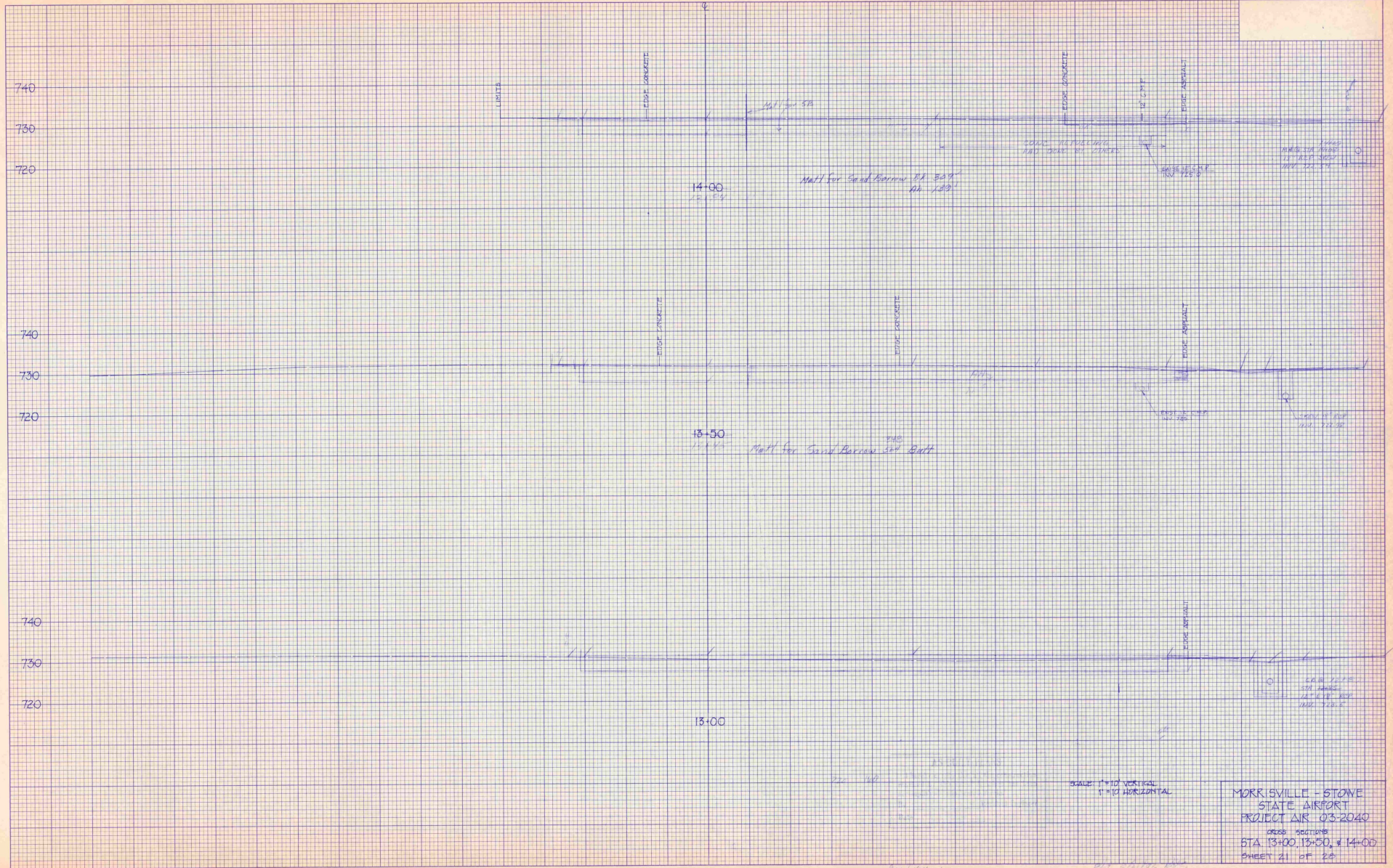
FINAL SURVEY	REVISED	BY	DATE




 K&E
 PLAINFIELD, NEW JERSEY
 07040-1000

DATE	BY
APPROVED	BY
DESIGNED	BY
DRAWN	BY
CHECKED	BY

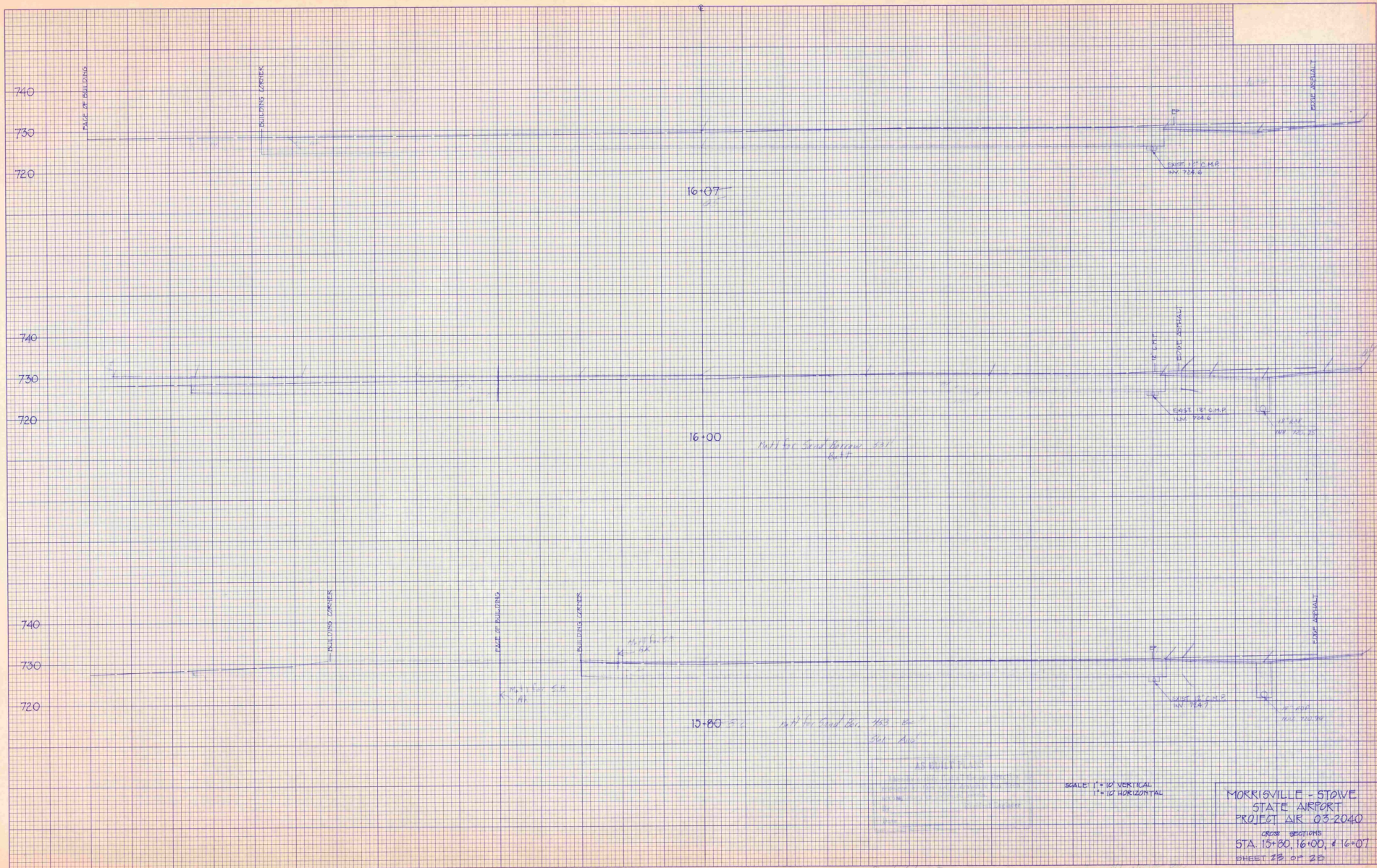
DATE	BY
APPROVED	BY
DESIGNED	BY
DRAWN	BY
CHECKED	BY



MORRISVILLE - STONE
 STATE AIRPORT
 PROJECT AIR 03-2040
 CROSS SECTION
 STA 13+00, 13+50, & 14+00
 SHEET 21 OF 24

DATE	
BY	
DESIGNED	
DRAWN	
CHECKED	
IN CHARGE	

DATE	
BY	
DESIGNED	
DRAWN	
CHECKED	
IN CHARGE	



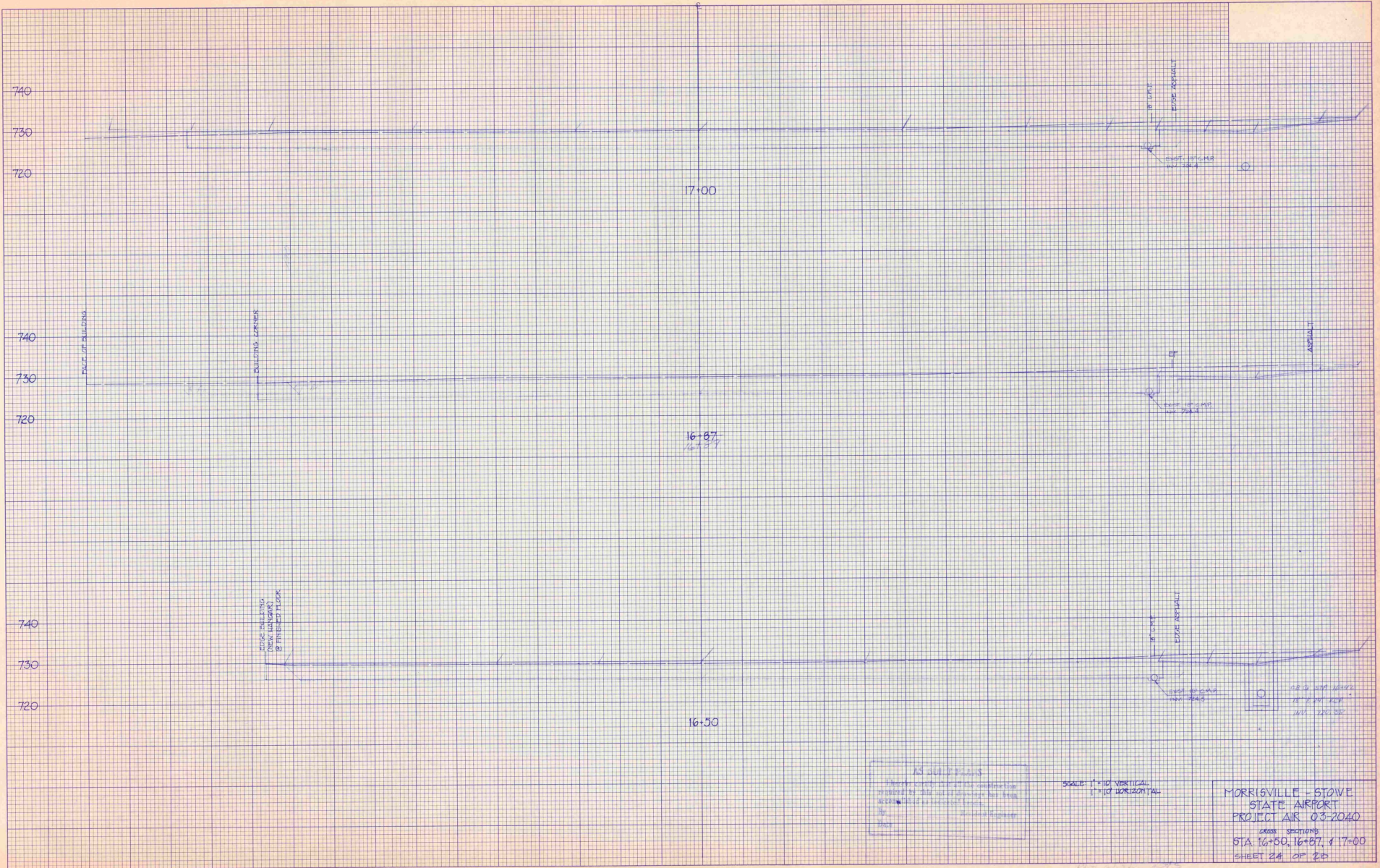
AS SHOWN ON PLANS
 ALL DIMENSIONS ARE IN FEET
 UNLESS OTHERWISE SPECIFIED
 ALL MATERIALS TO BE USED SHALL BE OF THE BEST QUALITY AVAILABLE
 ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, LATEST EDITION
 ALL NOTES SHALL BE READ IN CONNECTION WITH THESE PLANS

SCALE: 1" = 10' VERTICAL
 1" = 10' HORIZONTAL

MORRISVILLE - STOWE
 STATE AIRPORT
 PROJECT AIR 03-2040
 CROSS SECTIONS
 STA. 15+80, 16+00, & 16+07
 SHEET 23 OF 25

DATE	
BY	
PROJECT	
DATE	
BY	
PROJECT	
DATE	
BY	
PROJECT	

DATE	
BY	
PROJECT	
DATE	
BY	
PROJECT	
DATE	
BY	
PROJECT	



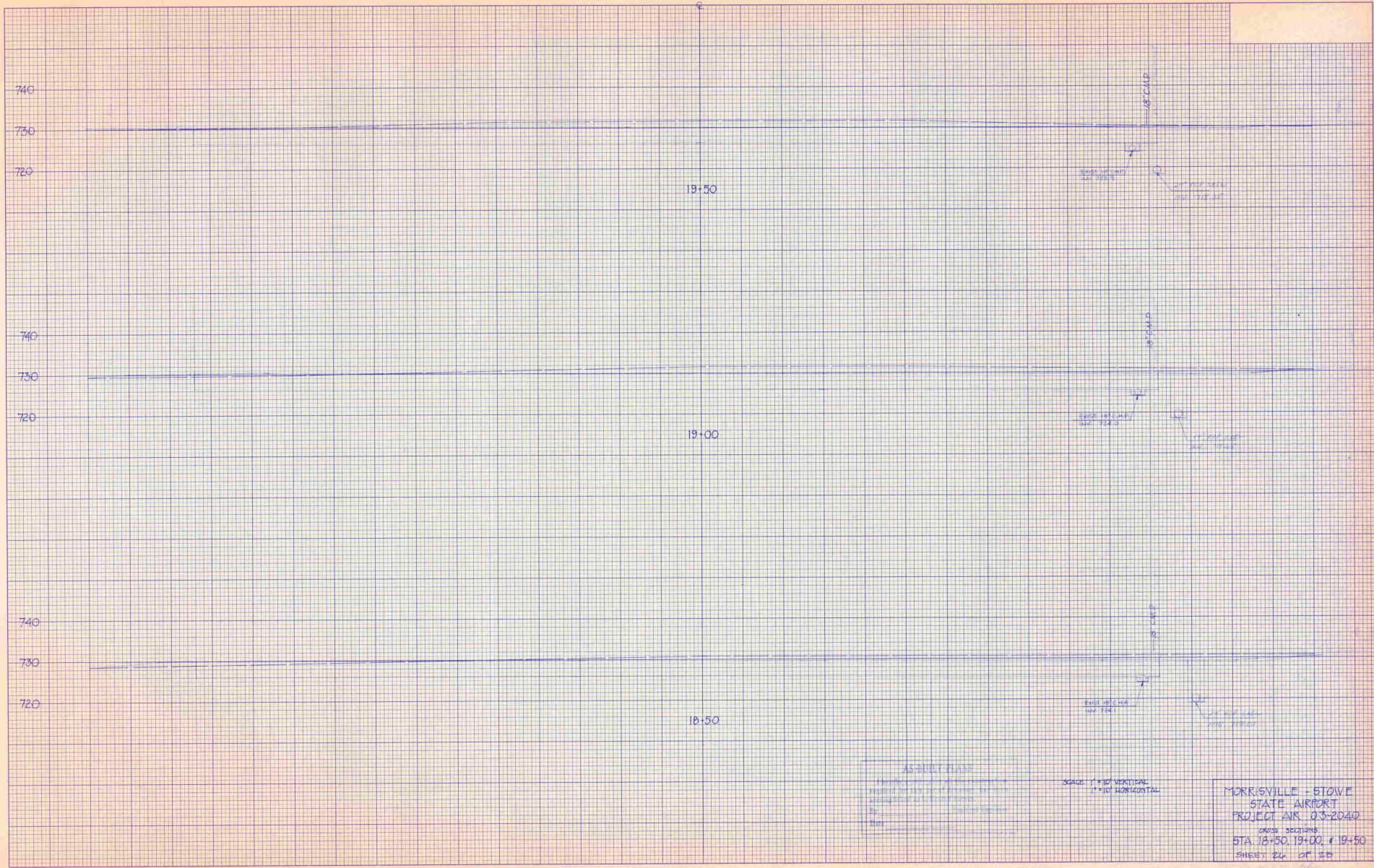
AS SHOWN
 THESE CROSS SECTIONS ARE THE RESULT OF
 A SURVEY MADE BY THE ENGINEER AND
 ARE NOT TO BE USED FOR CONSTRUCTION
 WITHOUT THE APPROVAL OF THE ENGINEER

SCALE: 1" = 10' VERTICAL
 1" = 10' HORIZONTAL

MORRISVILLE - STOVE
 STATE AIRPORT
 PROJECT AIR 03-2020
 CROSS SECTIONS
 STA. 16+50, 16+87, & 17+00
 SHEET 24 OF 24

DATE	
BY	
DESIGNED	
CHECKED	
IN CHARGE	
DATE	
BY	
DESIGNED	
CHECKED	
IN CHARGE	

DATE	
BY	
DESIGNED	
CHECKED	
IN CHARGE	
DATE	
BY	
DESIGNED	
CHECKED	
IN CHARGE	



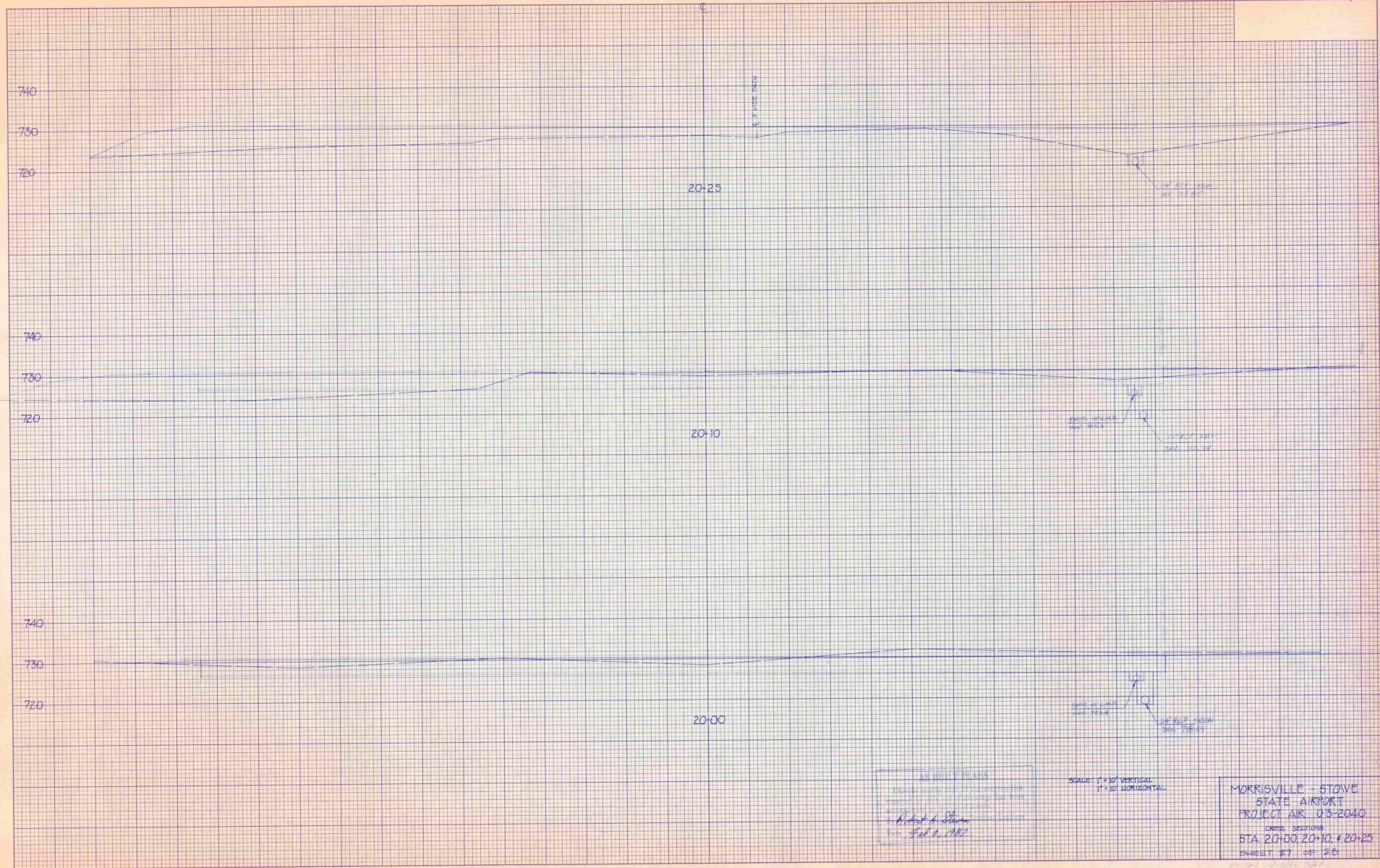
AS-BUILT PLAN
 THIS DRAWING IS A REPRODUCTION OF THE ORIGINAL DRAWING AND IS NOT TO BE USED FOR CONSTRUCTION PURPOSES.
 DATE: 10/1/2010

SCALE: 1"=10' VERTICAL
 1"=10' HORIZONTAL

MORRISVILLE - STOWE
 STATE AIRPORT
 PROJECT AIR 03-2040
 CROSS SECTIONS
 STA. 18+50, 19+00, & 19+50
 SHEET 26 OF 28

DATE	BY
FINAL SURVEY	REVISED
NOTE BOOK	FIELD BOOK
NO.	NO.

DATE	BY
FINAL SURVEY	REVISED
NOTE BOOK	FIELD BOOK
NO.	NO.



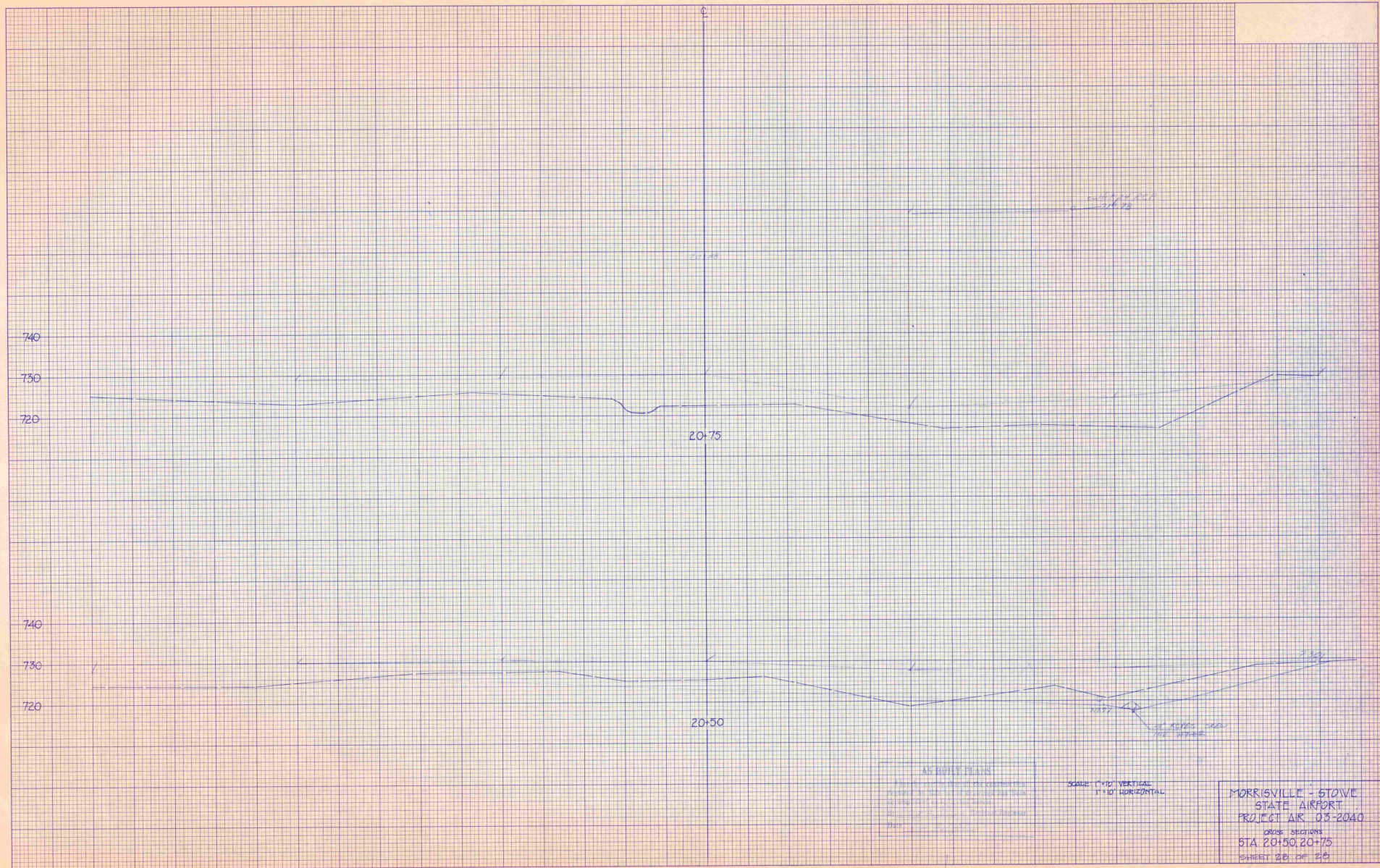
AS BUILT PLANS
 CHECKED BY: [Signature]
 DATE: Feb. 2, 1981

SCALE: 1" = 10' VERTICAL
 1" = 30' HORIZONTAL

MORRISVILLE-STOVE
 STATE AIRPORT
 PROJECT AIR 03-2040
 CROSS SECTION
 STA. 20+00, 20+10, & 20+25
 SHEET 27 OF 28

DATE	
BY	
DESIGNED	
DRAWN	
CHECKED	
APPROVED	

DATE	
BY	
DESIGNED	
DRAWN	
CHECKED	
APPROVED	



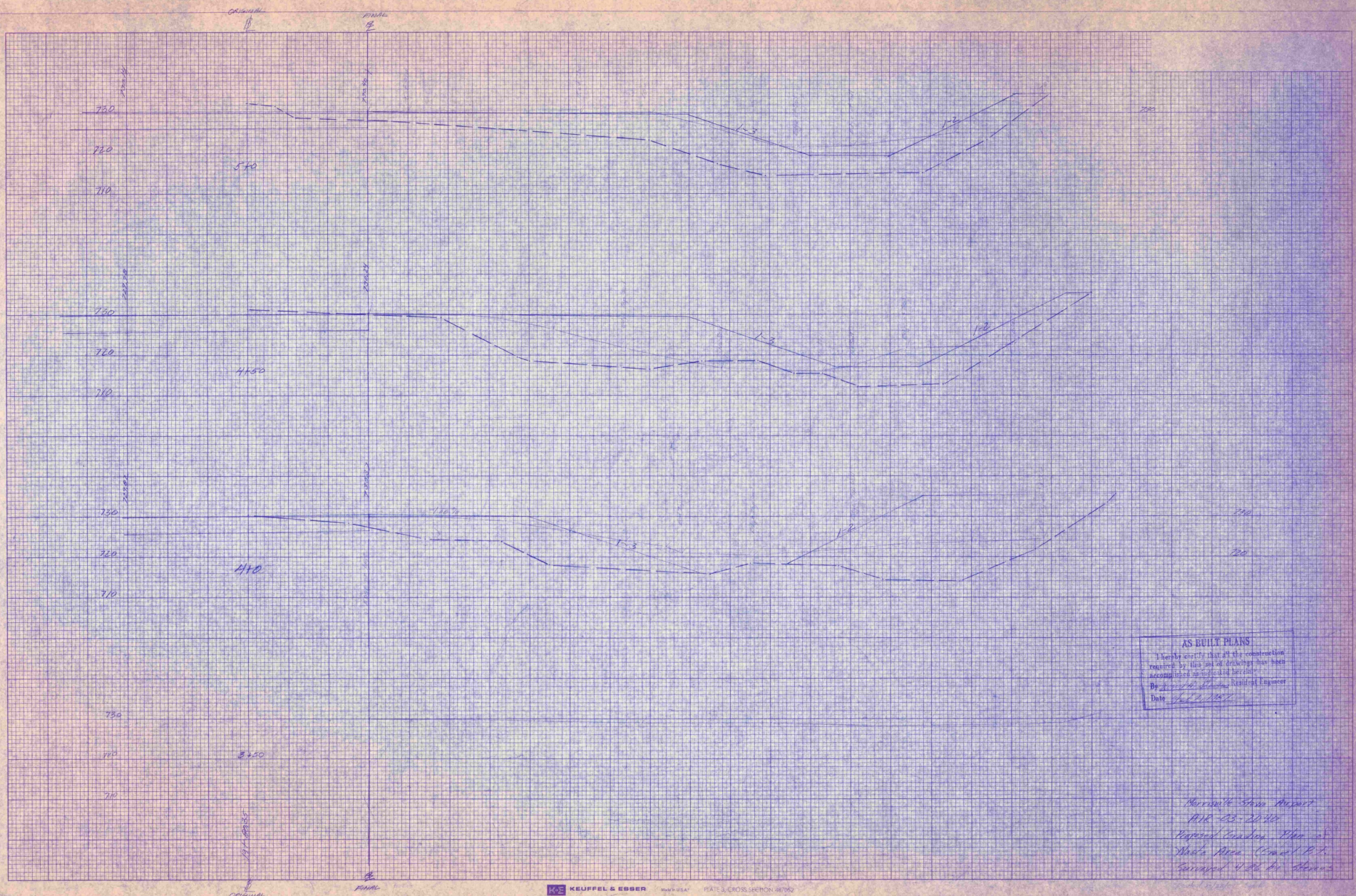
AN EQUAL PLAN
 This drawing shows the location of the proposed road
 centerline and the location of all existing and proposed
 structures, utility lines, and other features.
 All dimensions are in feet and inches.
 Date: _____

SCALE: 1" = 10' VERTICAL
 1" = 10' HORIZONTAL

MORRISVILLE - STOWE
 STATE AIRPORT
 PROJECT AIR 03-2040
 CROSS SECTIONS
 STA 20+50, 20+75
 SHEET 28 OF 29

DATE	BY
APPROVED	DESIGNED
DATE	DATE
BY	BY
BY	BY
BY	BY

DATE	BY
APPROVED	DESIGNED
DATE	DATE
BY	BY
BY	BY
BY	BY

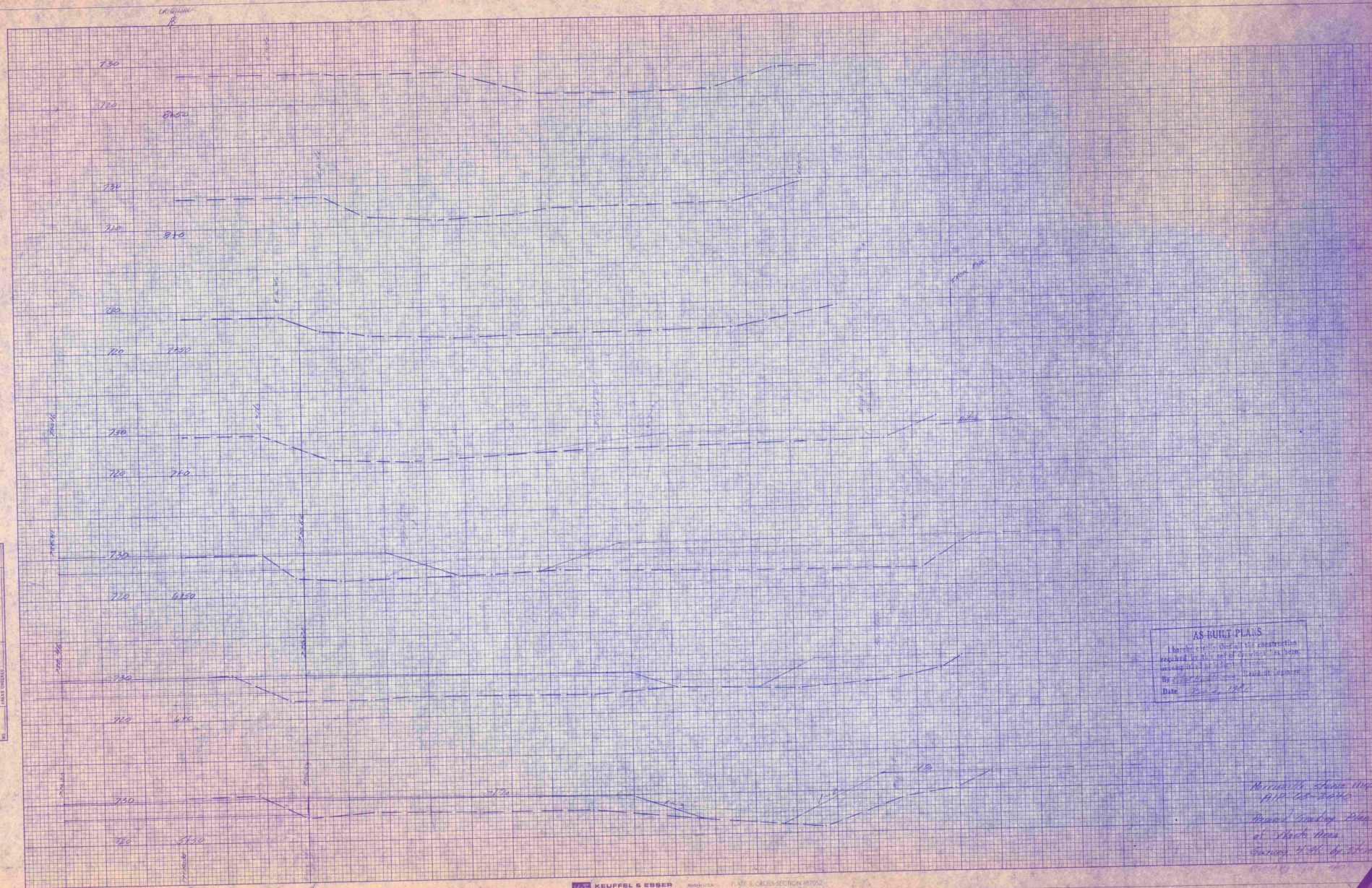


AS BUILT PLANS
 I hereby certify that all the construction
 required by this set of drawings has been
 accomplished as indicated hereon.
 By W. H. Escher, Resident Engineer
 Date July 2, 1927

*Marshall Stone Project
 RR-23-20-10
 Proposed Embankment Plan
 State Road (Cross) P. 1.
 Surveyed 4/22 by Adams
 11/11/27*

DATE	BY	PROJECT	NO.

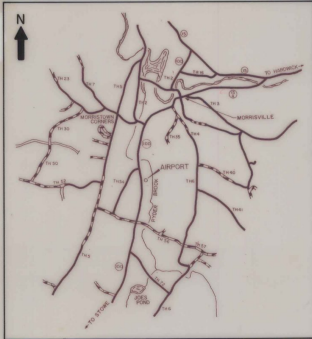
DATE	BY	PROJECT	NO.



AS-BUILT PLANS
 I hereby certify that the construction
 required in this set of drawings has been
 completed in accordance with the
 same.
 By [Signature] Chief Engineer
 Date June 2, 1927

*Marshall Chase Street
 1910-1911
 Plans of Sewer Pipe
 at Street Area
 Survey of 1927 by [Signature]*

- INDEX OF SHEETS**
1. TITLE SHEET
 2. BORING LOG & BASELINE DATA & DETAILS
 3. TYPICAL SECTIONS & DETAILS
 - 4.-5. QUANTITY, EARTHWORKS, DRAINAGE & ITEM DETAIL SHEET
 - 6.-7. PLAN
 8. PROFILE
 - 9.-10. GRADING PLAN SHEETS
 11. AP-3 AIRPLANE TIE-DOWN ANCHORS, UNDERGROUND ELEC. DUCT 12/15/81
 12. D-6 TYPE "A" 4"x4" CATCH BASIN TOP 3/4/73
 13. D-11 CAST IRON GRATE TYPE "A", CAST IRON COVER 8/24/81R
 14. D-13 CONC. C.B. WITH CAST IRON GRATE, CONC. M.H. WITH CAST IRON COVER 8/10/81R
 15. F-3 CHAIN-LINK FENCE, TYPE III, DRIVE GATE FOR CHAIN-LINK FENCE, TYPE III 12/1/79R
 16. G-5 GUARD RAIL, CEDAR LOG 12/19/72R
 - 17.-28. CROSS SECTION SHEETS



VICINITY MAP
SCALE IN MILES

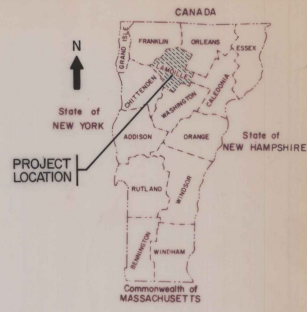
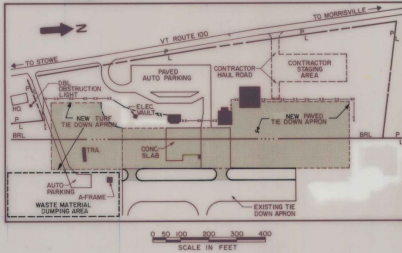
**STATE OF VERMONT
AGENCY OF TRANSPORTATION**



**PROPOSED IMPROVEMENT
TOWN OF MORRISTOWN
COUNTY OF LAMOILLE
MORRISVILLE-STOWE STATE AIRPORT**

AIP 3-50-0012-04
AIR 03-2040

CONSTRUCT 162,000 SQ. FT. OF BITUMINOUS CONCRETE PAVED APRON, CONSTRUCT 65,600 SQ. FT. OF TURFED APRON, INSTALL AIRPLANE TIE-DOWN ANCHORS, INSTALL 1,175 FT. OF INADVERTANT ACCESS FENCING, INSTALL DRAINAGE IMPROVEMENTS, AND REMOVE EXISTING CONCRETE SLAB.



- CONVENTIONAL SIGNS**
- COUNTY LINE
 - TOWN LINE
 - LIMITS OF ACCESS
 - POINT OF ACCESS
 - FENCE LINE
 - STONE WALL
 - TRAVELED WAY
 - GUARD RAIL
 - RAILROAD
 - SURVEY LINE
 - CULVERT
 - POWER POLE
 - TELEPHONE POLE
 - TREES
 - CONTROL OF ACCESS
 - PROPERTY LINE
 - R.O.W TAKING LINE
 - SLOPE RIGHTS
 - TOP OF CUT
 - TOE OF SLOPE

DATUM
VERTICAL NOV 1929
HORIZONTAL NAD 1927

AS BUILT PLANS
I hereby certify that all the construction required by this set of drawings has been accomplished as indicated herein.
By *John W. ...* Resident Engineer
Date *Feb 2, 1982*

These plans and specifications are in accordance with criteria contained in current FAA advisory circulars as indicated in AC checklist AC CO-22X dated 03/5/84. These plans are subject to such engineering changes as may be required by the Federal Aviation Administration or the Director of Engineering and Construction.
Construction is to be carried on in accordance with these plans and the Standard Specifications for Highway and Bridge Construction dated March, 1976, as approved by the Federal Aviation Administration on October 27, 1976 for use on this project, including all subsequent revisions and such revised specifications and special provisions as are incorporated in these plans.

AIP 3-50-0012-04
AIR 03-2040

SUBMITTED BY ORDER OF THE STATE TRANSPORTATION BOARD

APPROVED: *John W. ...* DATE *8-5-82*
DIRECTOR OF ENGINEERING AND CONSTRUCTION

DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

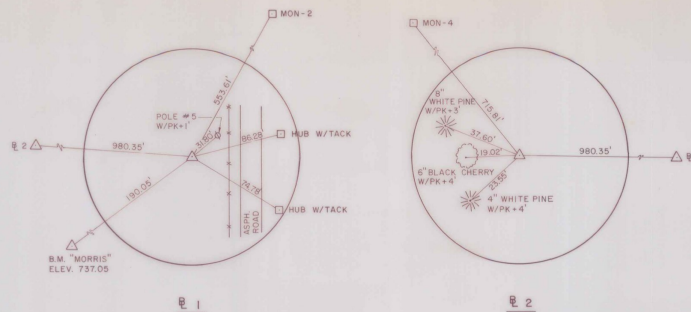
APPROVED: _____ DATE _____
DIVISION ADMINISTRATOR

PROJECT AIR NO 03-2040
AIP NO 3-50-0012-04
SHEET 1 OF 28 SHEETS

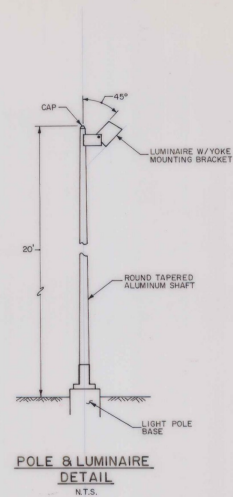
D-ID SRS 12/17/70

TABLE OF AZIMUTHS AND COORDINATES			
POINT	AZIMUTH	N. COORDINATE	E. COORDINATE
1	358°26'-33"	742,025.42	469,765.39
2	40°-24'-33"	743,005.40	469,730.74
MONUMENT 4	178°-26'-31"	743,550.37	470,202.95
MONUMENT 2	178°-26'-31"	741,760.74	470,251.63

TABLE OF BENCH MARKS		
B.M. NAME OR NUMBER	DESCRIPTION	ELEVATION
"MORRIS"	U.S. COAST & GEODETIC SURVEY REFERENCE MARKER LOCATED 210' SOUTH, 61' WEST FROM S.W. CORNER OF THE TERMINAL BUILDING	737.05
#1	CHISELED "X", EAST EDGE OF FRAME, ON CATCH BASIN LOCATED 267' EAST, 62' NORTH FROM N.E. CORNER OF THE OLD HANGER (MANSFIELD AVIATION).	729.01

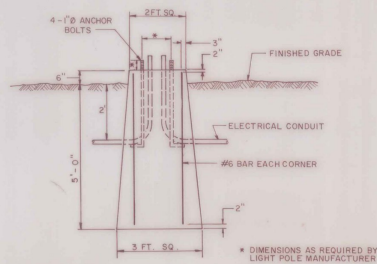


POINT TIES

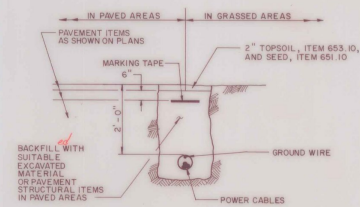


POLE & LUMINAIRE DETAIL
N.T.S.

BORING LOG		
BR-1	BR-2	BR-3
0' SM GRAVELLY SILTY SAND BRN DRY	0' SM GRAVELLY SILTY SAND BRN DRY	0' SP-SH SILTY GRAVELLY SAND BRN DRY
2' SM SILTY SAND BRN DRY	2' SP-SH GRAVELLY SILTY SAND BRN DRY	2' SP-SH SILTY SANDY GRAVEL BRN DRY
4' SM SILTY SAND BRN MOIST	4' SM SILTY SAND BRN DRY	4' SP-SH SILTY GRAVELLY SAND BRN MOIST
6' SP-SH SILTY SANDY GRAVEL BRN MOIST	6' SP-SH SILTY GRAVELLY SAND BRN MOIST	6' SP-SH SAND BRN MOIST
8' SP-SH SILTY GRAVELLY SAND BRN MOIST	8' SP-SH SAND BRN MOIST	8' SP-SH SAND BRN MOIST
10' SP-SH SILTY SAND BRN MOIST		
12' SP-SH SAND BRN MOIST		
STA. 13+00 40' RT.	STA. 11+50 10' LT.	STA. 17+50 30' LT.



LIGHT POLE BASE DETAIL
N.T.S.



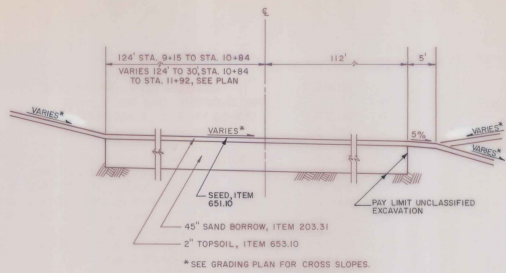
CONDUIT TRENCH DETAIL
N.T.S.

AS BUILT PLANS
I hereby certify that all the construction required by this set of drawings has been accomplished as indicated herein.
By *Richard Stow* Resident Engineer
Date *Feb 2, 1982*

Date

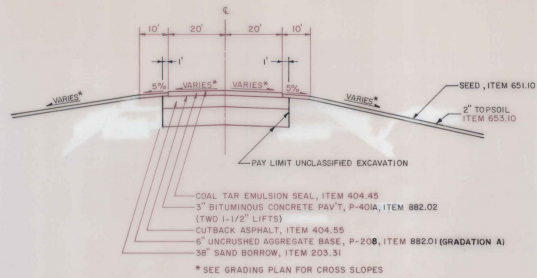
DATUM
VERTICAL NGVD 1929
HORIZONTAL NAD 1927

SURVEYED BY CHBA DATE 4/85
DRAWN BY K.S. DATE 1/85
TRACED BY VLH DATE 1/85
MORRISVILLE - STOWE STATE AIRPORT
PROJ. AIR NO. 83-2040
3-00-0012-04
SHEET 2 OF 28



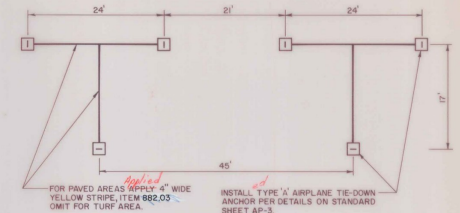
TURF APRON AREA TYPICAL

N.T.S.
STA. 9+15 TO STA. 11+92



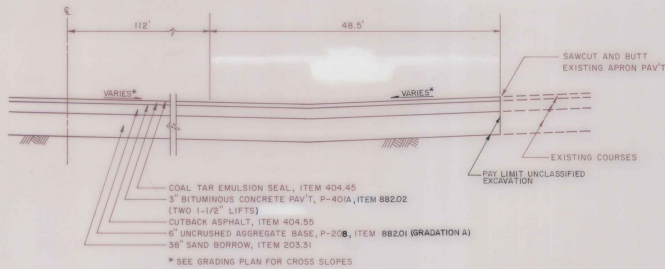
TAXIWAY STUB TYPICAL SECTION A-A

N.T.S.



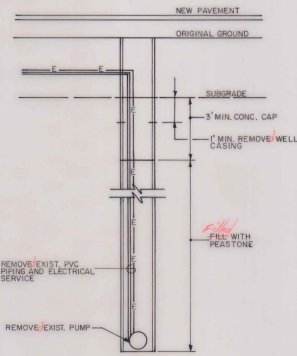
AIRPLANE TIE-DOWN LAYOUT

N.T.S.



TAXIWAY STUB EDGE DETAIL

N.T.S.



CAP EXISTING WATER WELL DETAIL

N.T.S.



TERMINAL BUILDING SIDEWALK DETAIL

N.T.S.

GENERAL NOTES

- Seed, item 651.10 to be applied as directed by the engineer.
- Fertilizer, item 651.15, formula 10-20-10 to be used with seed, item 651.10 applied at the rate of 500 LBS/acre
- Agricultural limestone, item 651.20 to be applied at rate of 2 tons/acre or as directed by the engineer
- Hay Mulch, item 651.25, to be placed on earth slopes at the rate of 2 tons/acre
- Topsoil, item 653.10, to be used with seed, item 651.10 in areas, as directed by the engineer
- Allowable thickness tolerances
Seed Below ± 1"
pavement ± 1/4"
base course ± 1/4"
- Subgrade under areas to be paved to be compacted to 95% density as per FAA T-611 (ASHITO T-100)
- Bituminous prime coat to be applied as per item 404.55, subsection 404.06 (C), Type I, using MC-250
- Top 9" of sand borrow to be compacted to 100% density (ASHITO T-180)

DATUM
VERTICAL: NGVD 1929
HORIZONTAL: NAD 1927

PAVED APRON AREA TYPICAL (GRASS DITCH RIGHT)

N.T.S.

AS-BUILT PLANS
I hereby certify that all the construction required by this set of drawings has been accomplished as indicated herein.
By Richard J. Stinson President, 1/18/87
Date Feb. 2, 1987

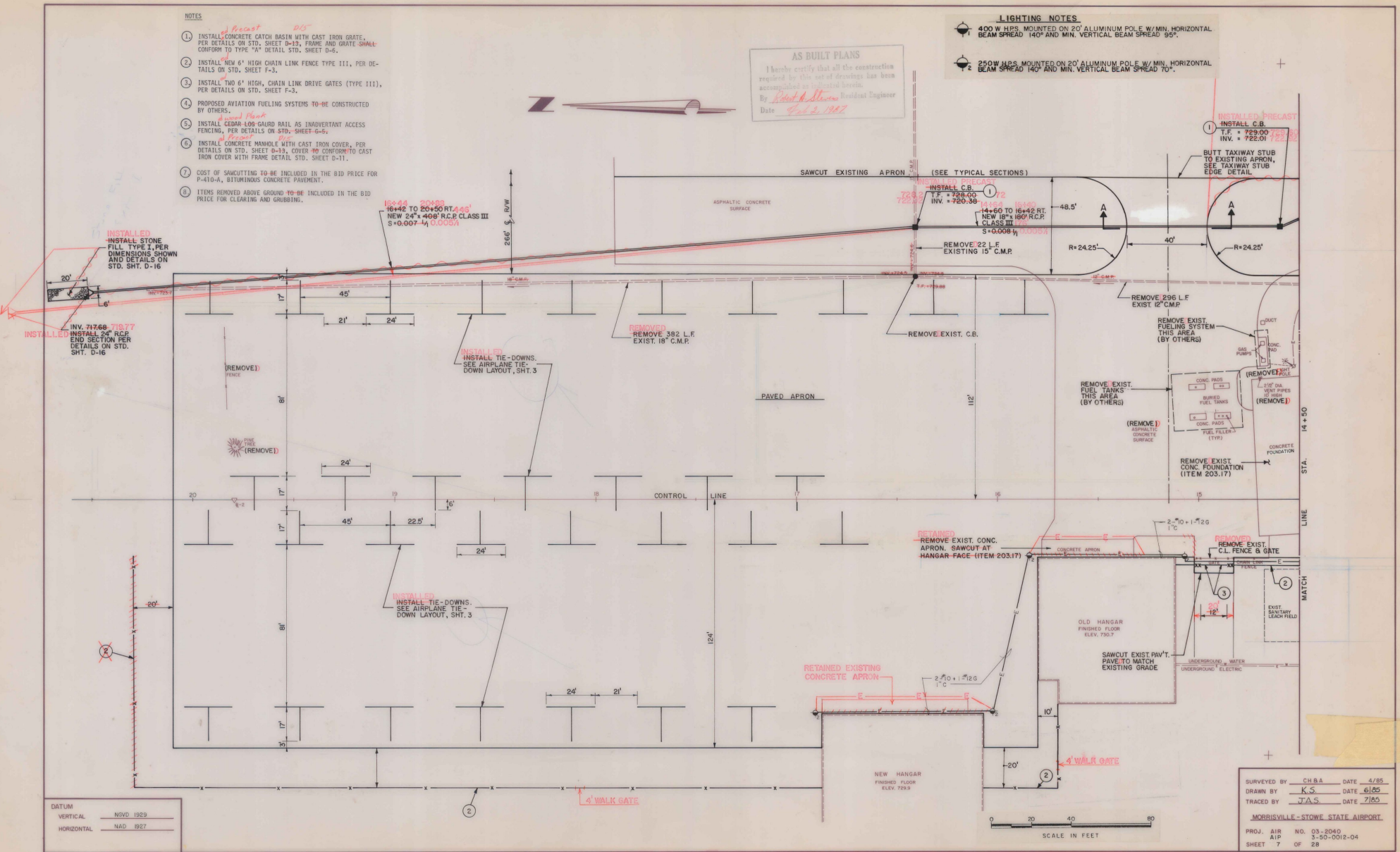
SURVEYED BY: CH&A DATE: 4/85
DRAWN BY: K.S. DATE: 6/85
TRACED BY: V.L.H. J.S.A. DATE: 7/85
MORRISVILLE - STOWE STATE AIRPORT
PROJ. A18 NO. 03-2040
A1P 3-50-2012-04
SHEET 3 OF 28

NOTES

1. INSTALL CONCRETE CATCH BASIN WITH CAST IRON GRATE, PER DETAILS ON STD. SHEET D-13; FRAME AND GRATE SHALL CONFORM TO TYPE "A" DETAIL STD. SHEET D-6.
2. INSTALL NEW 6' HIGH CHAIN LINK FENCE TYPE III, PER DETAILS ON STD. SHEET F-3.
3. INSTALL TWO 6' HIGH, CHAIN LINK DRIVE GATES (TYPE III), PER DETAILS ON STD. SHEET F-3.
4. PROPOSED AVIATION FUELING SYSTEMS TO BE CONSTRUCTED BY OTHERS.
5. INSTALL CEDAR-LOG GAURD RAIL AS INADVERTENT ACCESS FENCING, PER DETAILS ON STD. SHEET G-6.
6. INSTALL CONCRETE MANHOLE WITH CAST IRON COVER, PER DETAILS ON STD. SHEET D-13; COVER TO CONFORM TO CAST IRON COVER WITH FRAME DETAIL STD. SHEET D-11.
7. COST OF SAWCUTTING TO BE INCLUDED IN THE BID PRICE FOR P-410-4, BITUMINOUS CONCRETE PAVEMENT.
8. ITEMS REMOVED ABOVE GROUND TO BE INCLUDED IN THE BID PRICE FOR CLEARING AND GRUBBING.

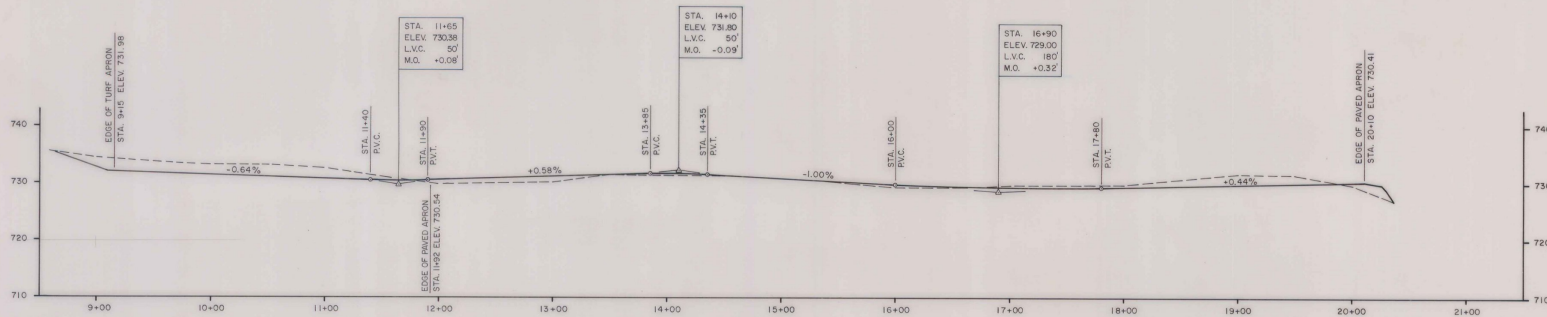
AS BUILT PLANS
 I hereby certify that all the construction required by this set of drawings has been accomplished as indicated herein.
 By *Robert A. Stinson Resident Engineer*
 Date *Feb. 2, 1977*

- LIGHTING NOTES**
1. 400 W HPS. MOUNTED ON 20' ALUMINUM POLE W/ MIN. HORIZONTAL BEAM SPREAD 140° AND MIN. VERTICAL BEAM SPREAD 95°.
 2. 250 W HPS. MOUNTED ON 20' ALUMINUM POLE W/ MIN. HORIZONTAL BEAM SPREAD 140° AND MIN. VERTICAL BEAM SPREAD 70°.



DATUM
 VERTICAL NVD 1929
 HORIZONTAL NAD 1927

SURVEYED BY CHBA DATE 4/75
 DRAWN BY K.S. DATE 6/75
 TRACED BY J.A.S. DATE 7/85
 MORRISVILLE-STOWE STATE AIRPORT
 PROJ. AIR NO. 03-2040
 AIP 3-50-0012-04
 SHEET 7 OF 28



PROFILE
SCALE: 1" = 10' VERT.
1" = 50' HORIZ.

DATUM
VERTICAL NOV. 1929
HORIZONTAL NAD 1927

AS BUILT PLANS
I hereby certify that all the construction required by this set of drawings has been accomplished as indicated herein.
By *Richard D. Stover* Resident Engineer
Date *Feb. 2, 1972*

SURVEYED BY CHBA DATE 4/65
DRAWN BY KS DATE 6/65
TRACED BY V.L.H. DATE 7/65
MORRISVILLE - STOWE STATE AIRPORT
PROJ. AIR NO. 03-2040
A1B 3-50-0012-04
SHEET 8 OF 28

WASTE MATERIAL DUMPING AREA
(GRADE TO DRAIN)

PROPOSED LOCATION
AVIATION FUEL SYSTEM
(BY OTHERS)

PROPOSED LOCATION
AVIATION FUEL SPILL
CONTAINMENT CONC.
SLAB (BY OTHERS)

EDGE ELEV=73140'

PAVED APRON

TURE APRON

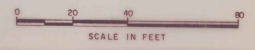
TERMINAL BLDG.

BLDG.

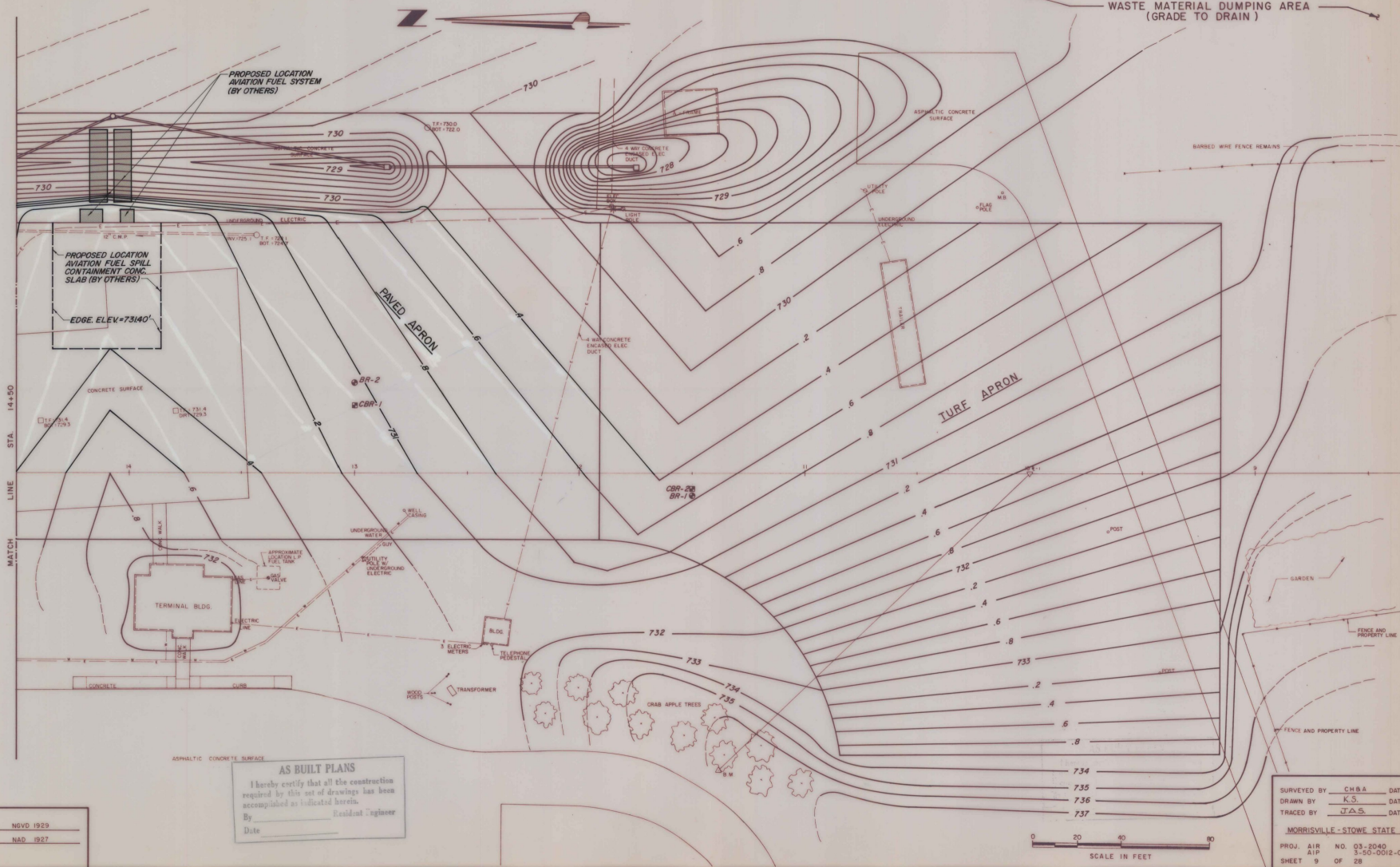
AS BUILT PLANS

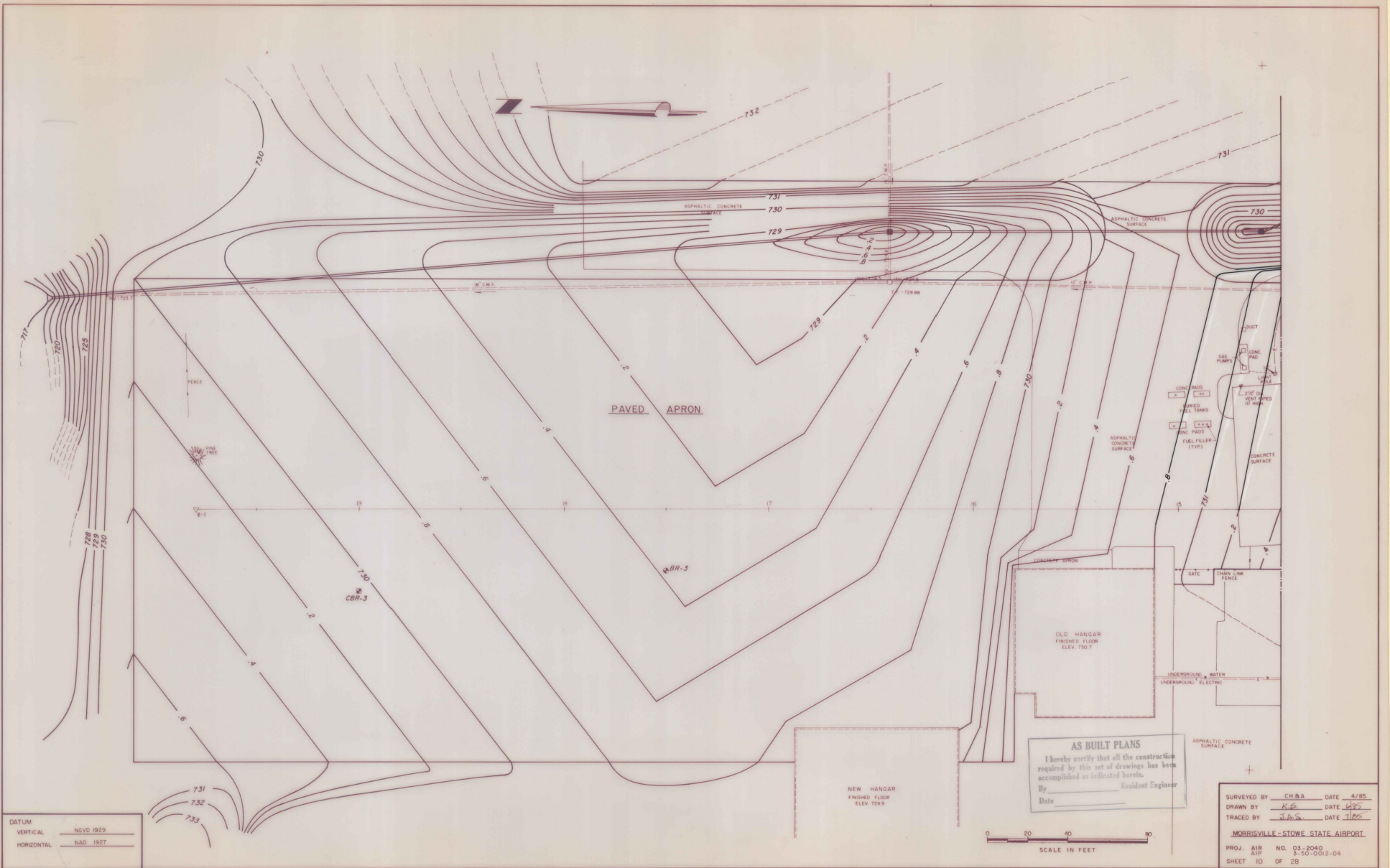
I hereby certify that all the construction
required by this set of drawings has been
accomplished as indicated herein.
By _____ Resident Engineer
Date _____

DATUM	
VERTICAL	NSVD 1929
HORIZONTAL	NAD 1927



SURVEYED BY	CHBA	DATE	4/85
DRAWN BY	K.S.	DATE	6/85
TRACED BY	J.A.S.	DATE	7/85
MORRISVILLE-STOWE STATE AIRPORT			
PROJ. AIR	NO. 03-2040		
AIP	3-50-0012-04		
SHEET	9	OF	28





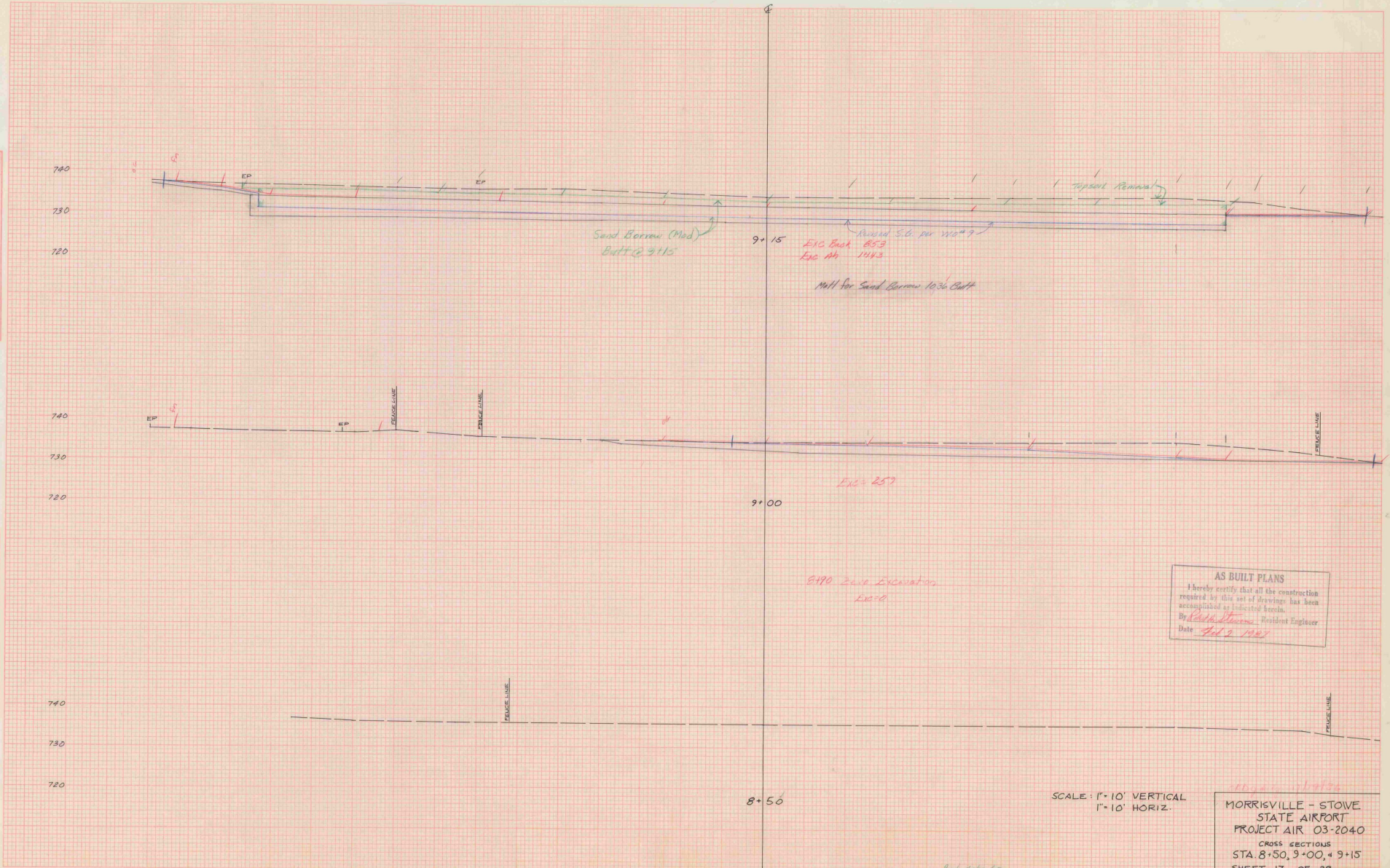
DATUM
 VERTICAL NSVD 1929
 HORIZONTAL NAD 1927

AS BUILT PLANS
 I hereby certify that all the construction required by this set of drawings has been accomplished as indicated herein.
 By _____ Resident Engineer
 Date _____

SURVEYED BY CHBA DATE 4/85
 DRAWN BY K.E. DATE 4/85
 TRACED BY J.A.S. DATE 7/85
 PROJ. AIR NO. 03-2040
 SLP 3-00-0012-04
 SHEET 10 OF 28

FEDERAL
 BUREAU OF
 SURVEYING
 UNITED STATES DEPARTMENT OF
 AGRICULTURE
 OFFICE OF THE CHIEF ENGINEER

FEDERAL
 BUREAU OF
 SURVEYING
 UNITED STATES DEPARTMENT OF
 AGRICULTURE
 OFFICE OF THE CHIEF ENGINEER



AS BUILT PLANS
 I hereby certify that all the construction
 required by this set of drawings has been
 accomplished as indicated herein.
 By *Edith Stearns* Resident Engineer
 Date *Feb 9 1947*

SCALE: 1" = 10' VERTICAL
 1" = 10' HORIZ.

MORRISVILLE - STOVE
 STATE AIRPORT
 PROJECT AIR 03-2040
 CROSS SECTIONS
 STA 8+50, 9+00, & 9+15
 SHEET 17 OF 28

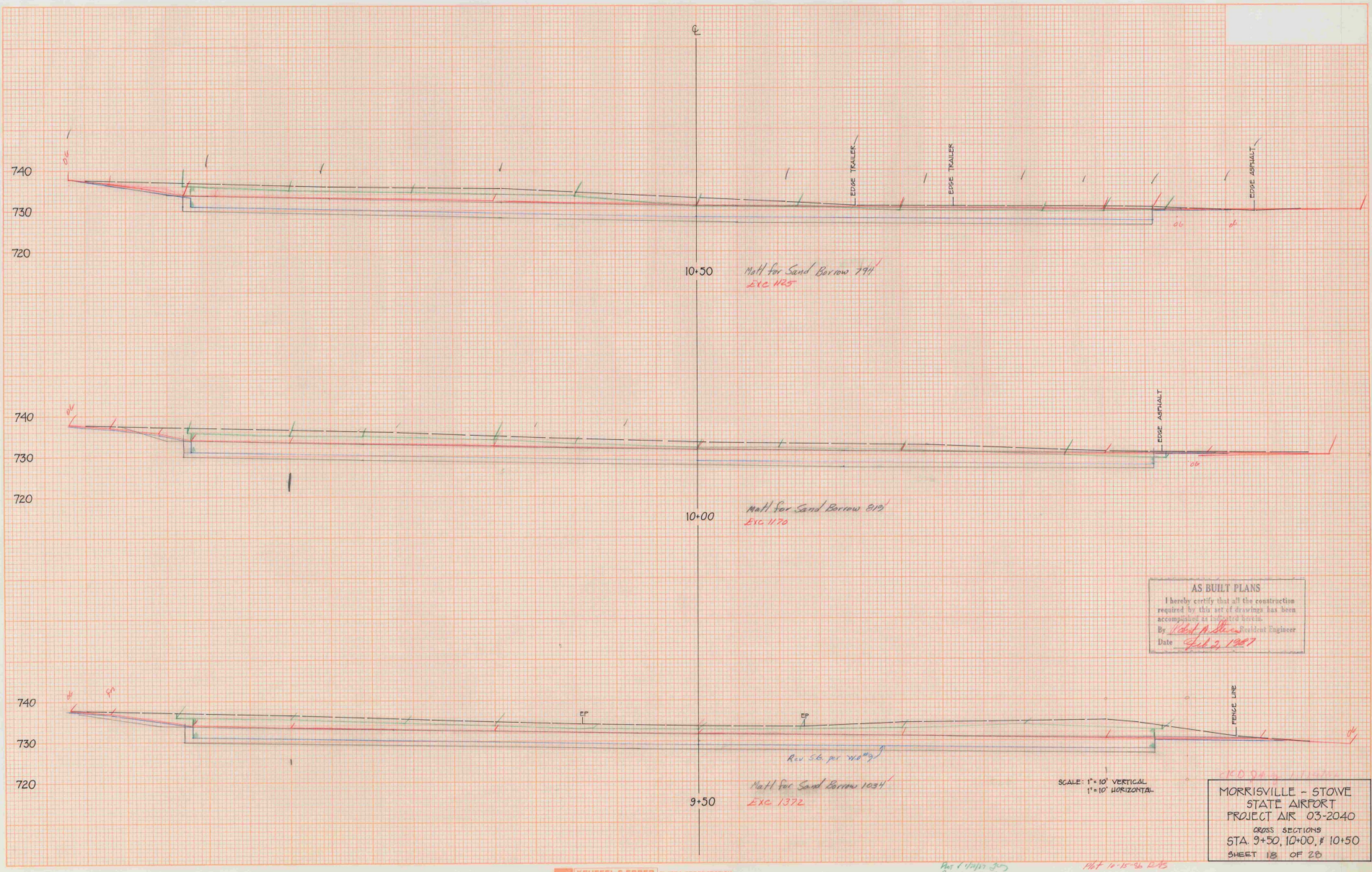
PLATE 3-FULL CROSS SECTION AND
 DETAILS

No. 1 2/2/47
 Rev. 1 1/2/47

1/27 1/2/47

DATE	
BY	
PROJECT	
DESIGNER	
CHECKER	
APPROVER	
DATE	

DATE	
BY	
PROJECT	
DESIGNER	
CHECKER	
APPROVER	
DATE	



AS BUILT PLANS
 I hereby certify that all the construction required by this set of drawings has been accomplished as indicated herein.
 By *Walter H. Brown* Resident Engineer
 Date *Feb 2, 1947*

SCALE: 1" = 10' VERTICAL
 1" = 10' HORIZONTAL

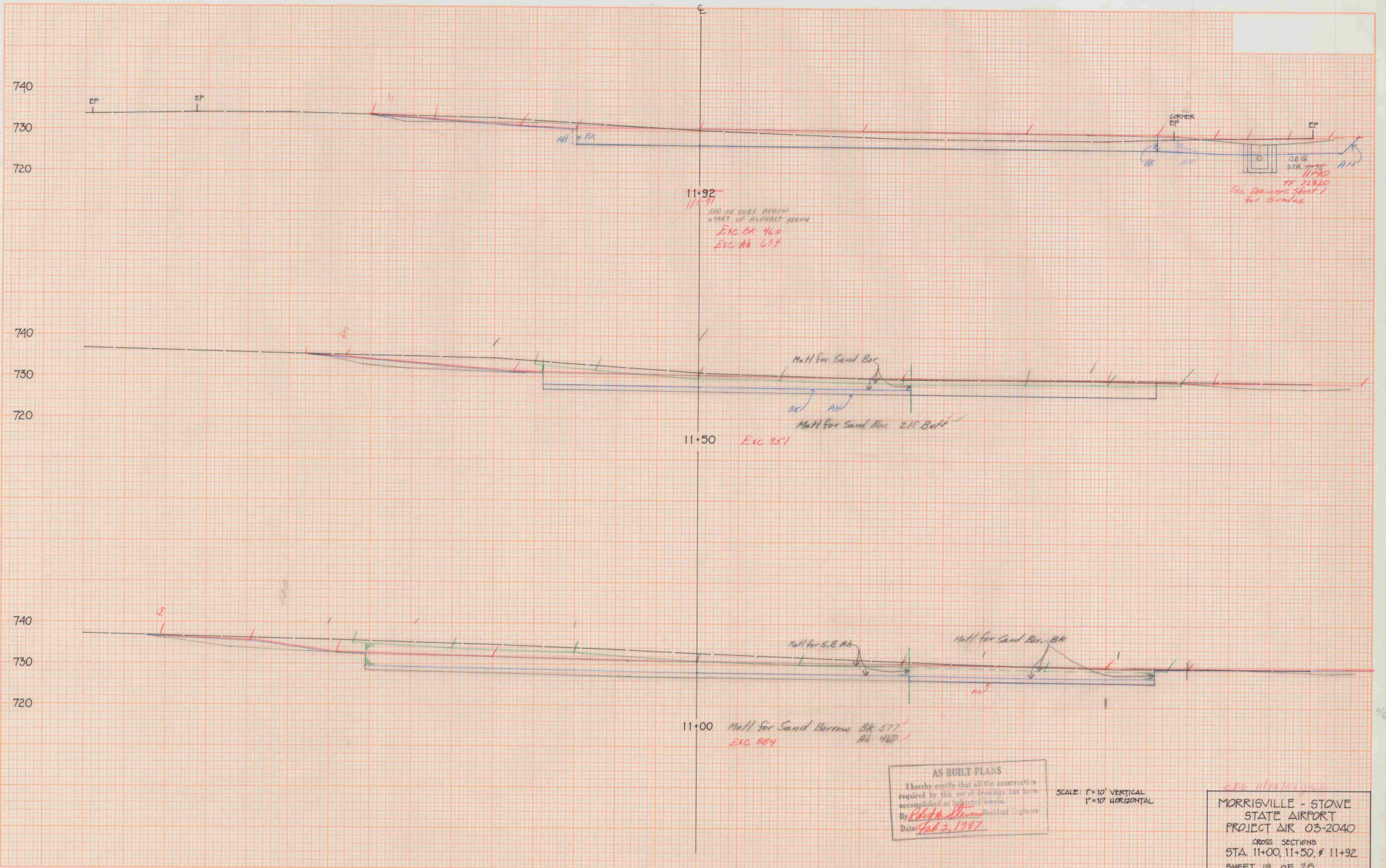
100 241 1175
MORRISVILLE - STOVE STATE AIRPORT
 PROJECT AIR 03-2040
 CROSS SECTIONS
 STA 9+50, 10+00, & 10+50
 SHEET 15 OF 20

*Per 1/15/50
 Plan & Profile 425*

1/17-15-50 425

DATE	
BY	
CHECKED	
DESIGNED	
IN CHARGE	

DATE	
BY	
CHECKED	
DESIGNED	
IN CHARGE	



AS BUILT PLANS
 I hereby certify that all the construction required by this set of drawings has been accomplished as indicated herein.
 By *[Signature]*
 Date *Feb 2, 1987*

SCALE: 1" = 10' VERTICAL
 1" = 10' HORIZONTAL

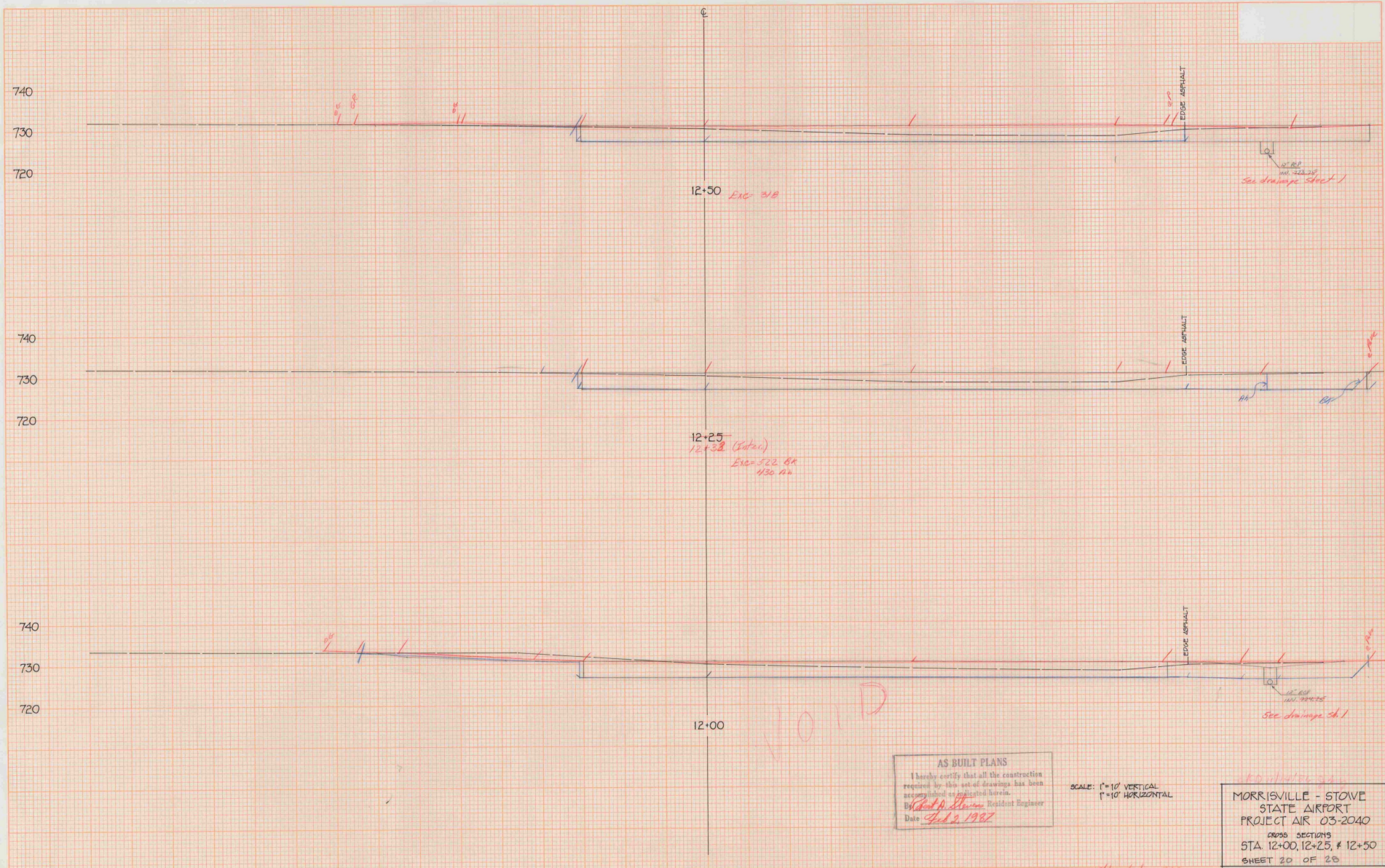
626-1119/20
MORRISVILLE - STOVE
STATE AIRPORT
PROJECT AIR 03-2040
 CROSS SECTIONS
 STA. 11+00, 11+50, & 11+92
 SHEET 19 OF 20

*1119/20
 1119/20*

1119/20

DATE	
BY	
PROJECT	
DESCRIPTION	
SCALE	
DATE	

DATE	
BY	
PROJECT	
DESCRIPTION	
SCALE	
DATE	



AS BUILT PLANS
 I hereby certify that all the construction required by this set of drawings has been accepted and regulated herein.
 By: *[Signature]* Resident Engineer
 Date: *4/12/1987*

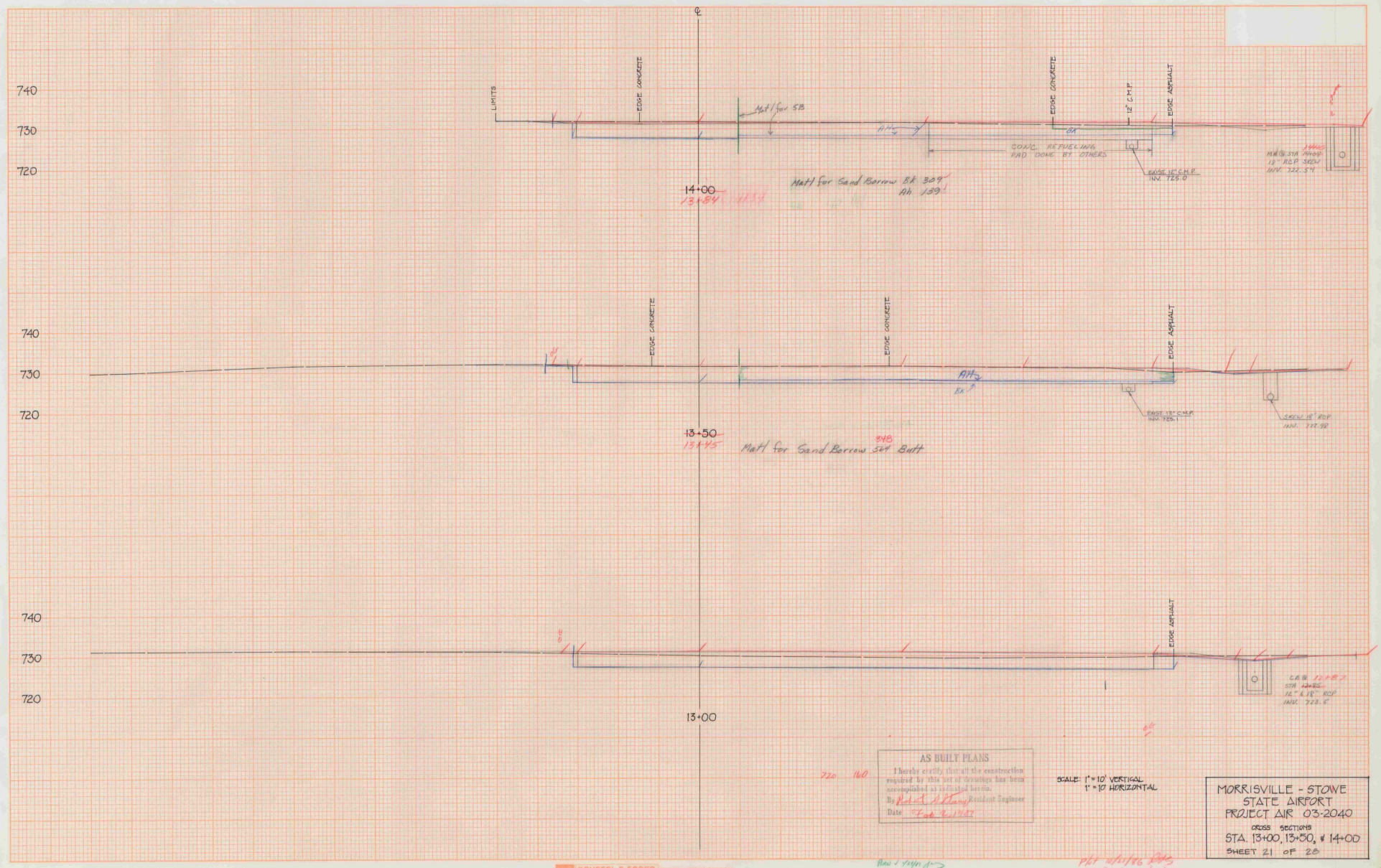
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 1"=10' HORIZONTAL

MORRISVILLE - STOVE
 STATE AIRPORT
 PROJECT AIR 03-2040
 CROSS SECTIONS
 STA. 12+00, 12+25, & 12+50
 SHEET 20 OF 28

1/11 10/10/2013

DATE	
BY	
PROJECT	
NO.	
DATE	
BY	
PROJECT	
NO.	

DATE	
BY	
PROJECT	
NO.	
DATE	
BY	
PROJECT	
NO.	



AS BUILT PLANS
 I hereby certify that all the construction required by this set of drawings has been accomplished as indicated herein.
 By *Robert A. [Signature]* Resident Engineer
 Date *Feb 2, 1977*

SCALE: 1" = 10' VERTICAL
 1" = 10' HORIZONTAL

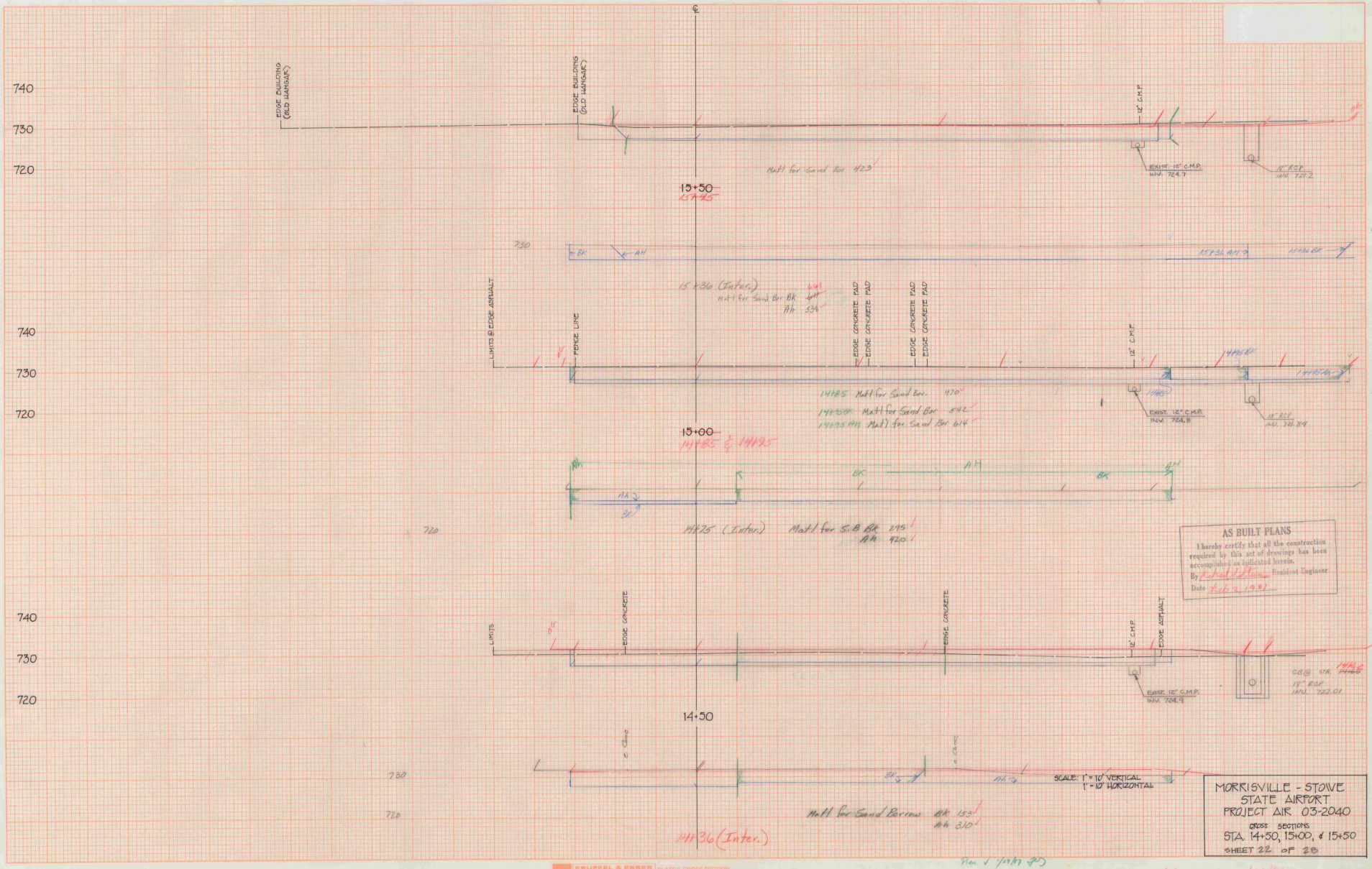
MORRISVILLE - STOWE
 STATE AIRPORT
 PROJECT AIR 03-2040
 CROSS SECTIONS
 STA. 13+00, 13+50, & 14+00
 SHEET 21 OF 25

Rev 1/1/77 d

*not within 200
 CRB 200 11/1/76*

DATE	
DESIGNED BY	
CHECKED BY	
IN CHARGE	
APPROVED	

DATE	
DESIGNED BY	
CHECKED BY	
IN CHARGE	
APPROVED	



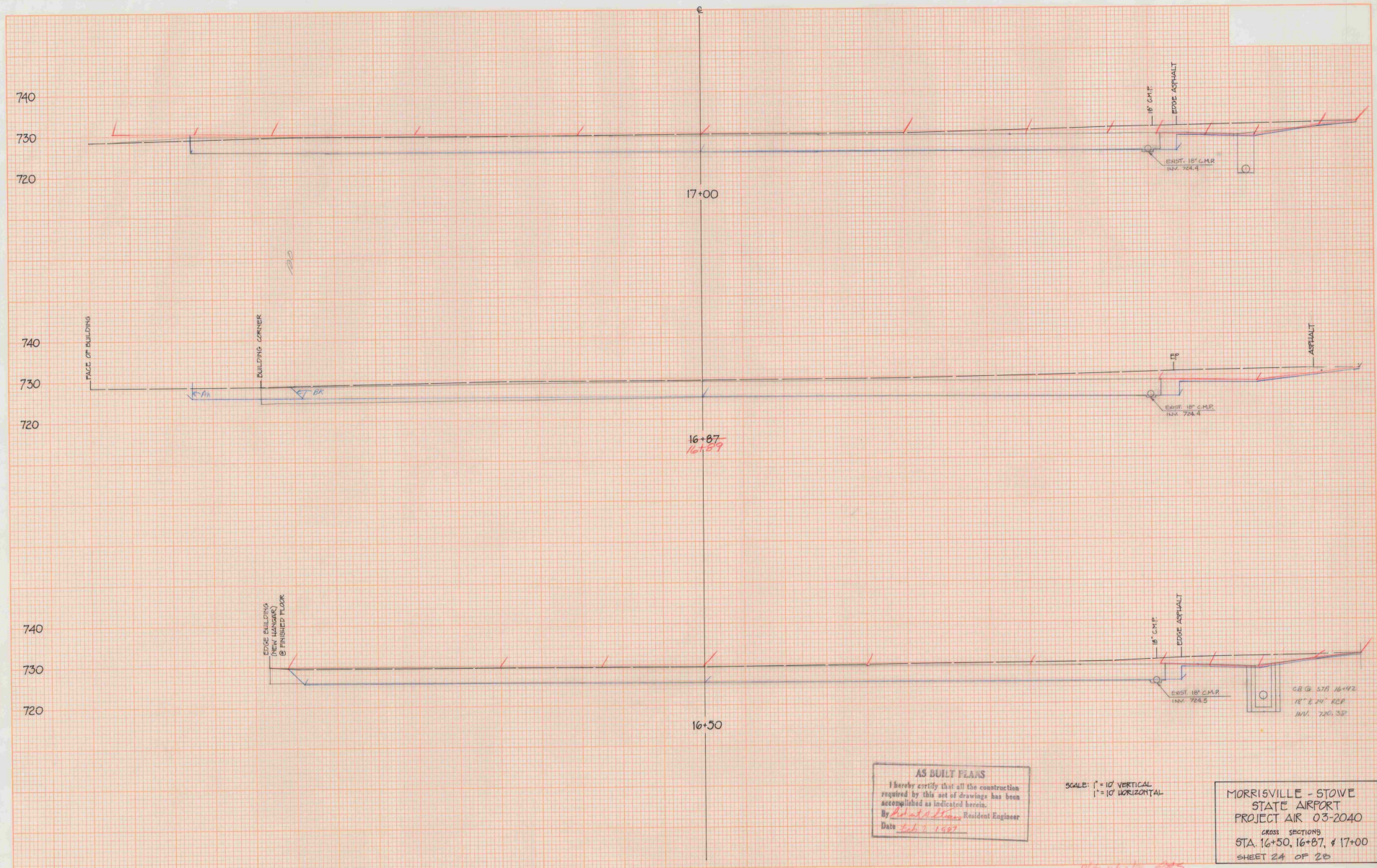
AS BUILT PLANS
I hereby certify that all the construction required by this set of drawings has been accomplished as indicated herein.
By Richard J. Linn Resident Engineer
Date 2/6/21/2021

MORRISVILLE - STOWE
STATE AIRPORT
PROJECT AIR 03-2040
CROSS SECTIONS
STA. 14+50, 15+00, & 15+50
SHEET 22 OF 28

CLD gary 11/13/20

DATE	
BY	
CHECKED	
APPROVED	
DESIGNED	
DRAWN	

DATE	
BY	
CHECKED	
APPROVED	
DESIGNED	
DRAWN	



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 *Feb. 1, 1987*

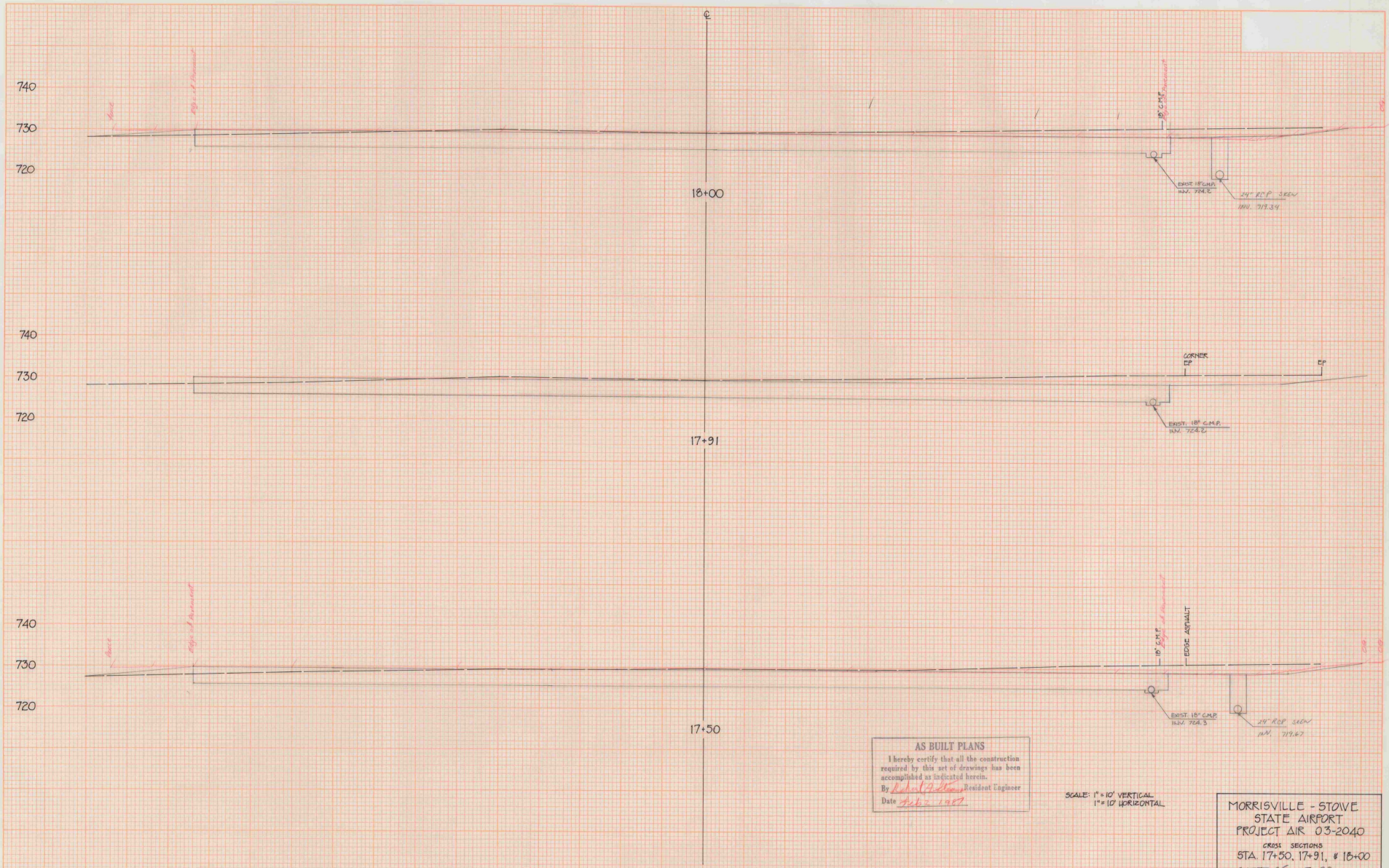
SCALE: 1" = 10' VERTICAL
 1" = 10' HORIZONTAL

MORRISVILLE - STOVE
 STATE AIRPORT
 PROJECT AIR 03-2040
 CROSS SECTIONS
 STA. 16+50, 16+87, & 17+00
 SHEET 24 OF 28

Not on the 10/25

DATE	1/22/57
BY	W. J. [Signature]
DESIGNED BY	
CHECKED BY	
IN CHARGE	

DATE	
BY	
DESIGNED BY	
CHECKED BY	
IN CHARGE	



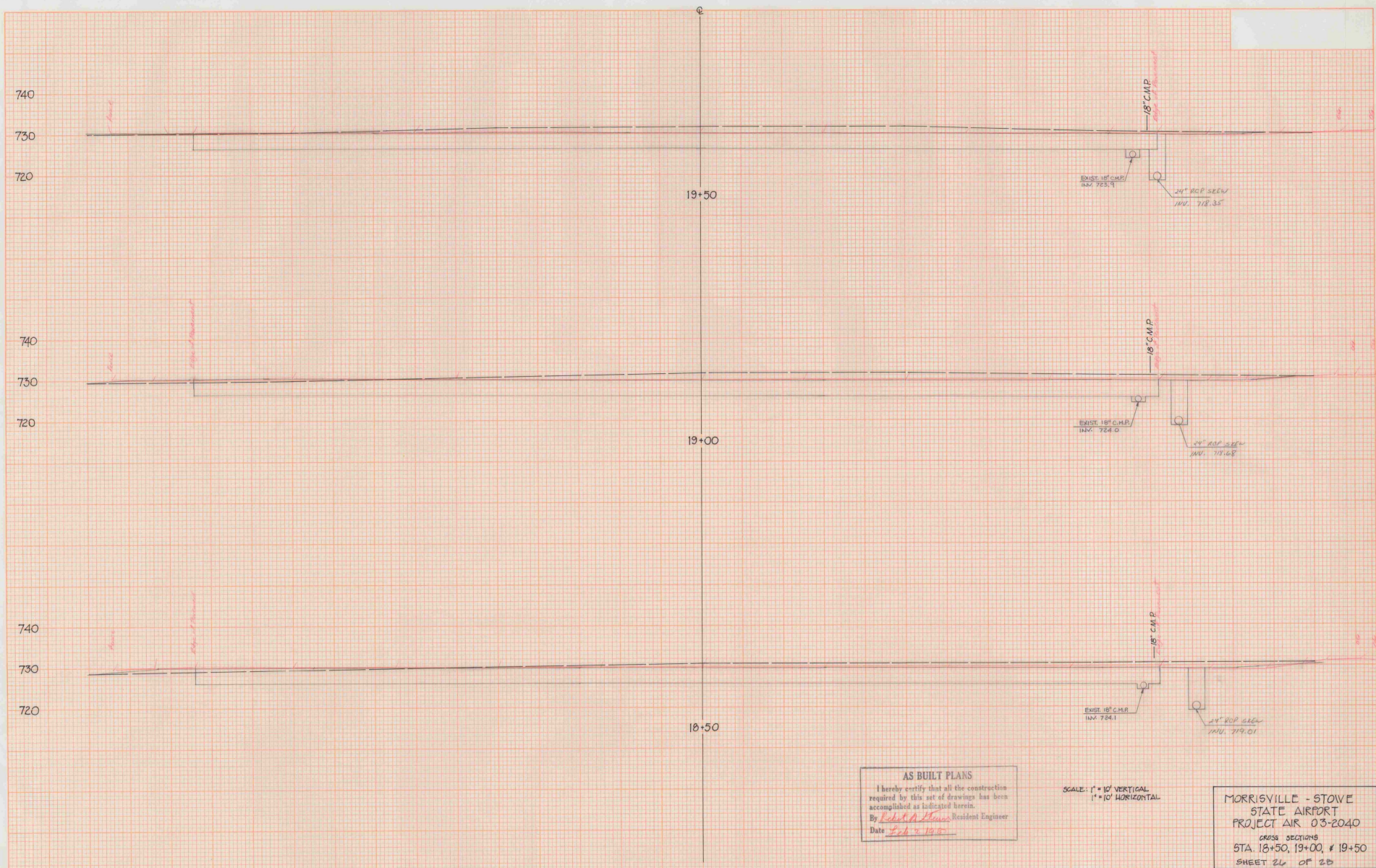
AS BUILT PLANS
 I hereby certify that all the construction required by this set of drawings has been accomplished as indicated herein.
 By *W. J. [Signature]* Resident Engineer
 Date *Feb 2 1957*

SCALE: 1" = 10' VERTICAL
 1" = 10' HORIZONTAL

MORRISVILLE - STOVE
 STATE AIRPORT
 PROJECT AIR 03-2040
 CROSS SECTIONS
 STA. 17+50, 17+91, & 18+00
 SHEET 25 OF 28
Printed by [Signature]

DATE	
BY	
CHECKED	
DESIGNED	
PROJECT	
SHEET NO.	
TOTAL SHEETS	

DATE	
BY	
CHECKED	
DESIGNED	
PROJECT	
SHEET NO.	
TOTAL SHEETS	



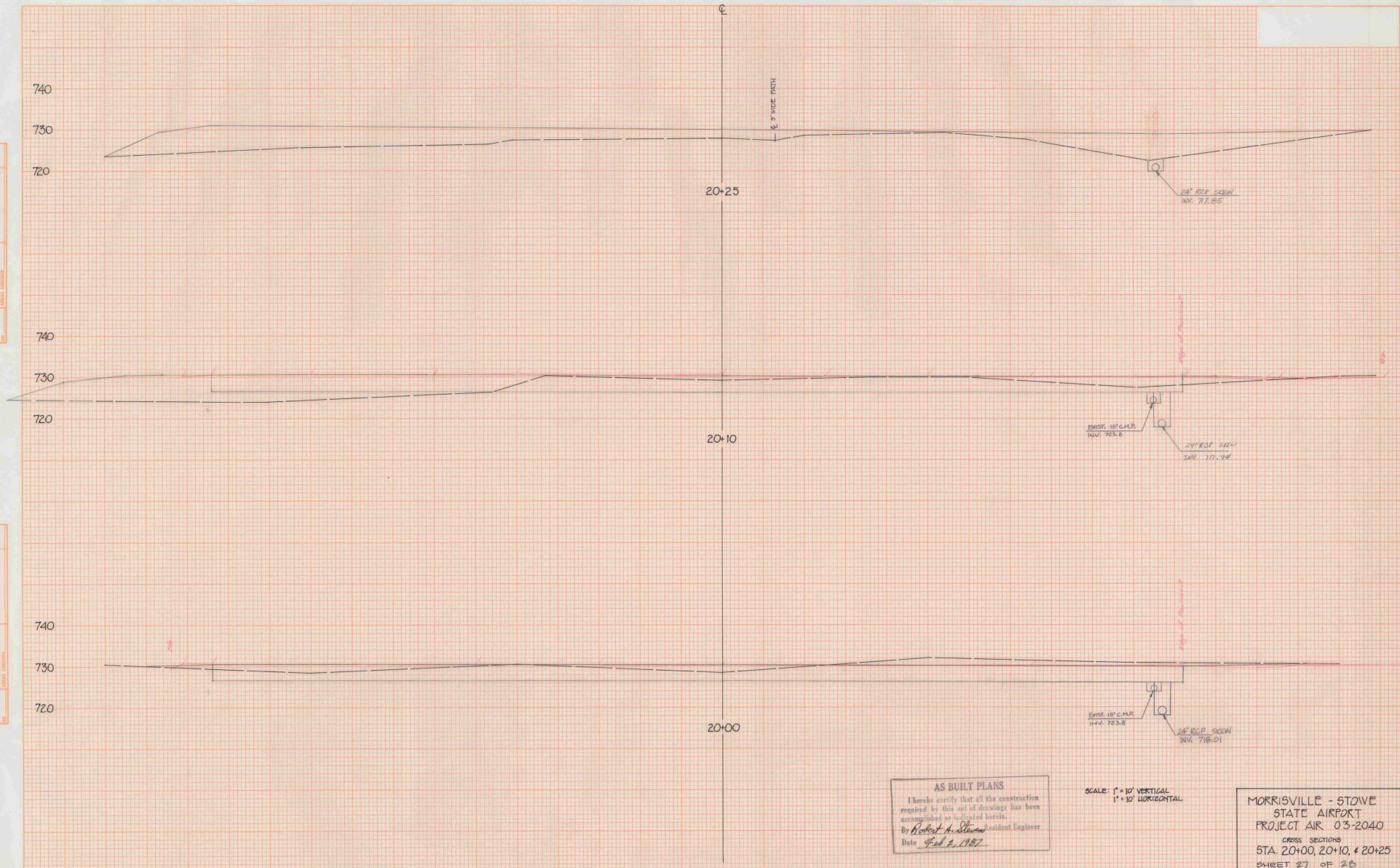
AS BUILT PLANS
 I hereby certify that all the construction required by this set of drawings has been accomplished as indicated herein.
 By Robert A. Hines Resident Engineer
 Date Feb 9, 1955

SCALE: 1" = 10' VERTICAL
 1" = 10' HORIZONTAL

MORRISVILLE - STOVE
 STATE AIRPORT
 PROJECT AIR 03-2040
 CROSS SECTIONS
 STA. 18+50, 19+00, & 19+50
 SHEET 26 OF 28

DATE	1/27/57
BY	W. J. ...
PROJECT	...
NO. 1	...
NO. 2	...
NO. 3	...

DATE	1/27/57
BY	W. J. ...
PROJECT	...
NO. 1	...
NO. 2	...
NO. 3	...



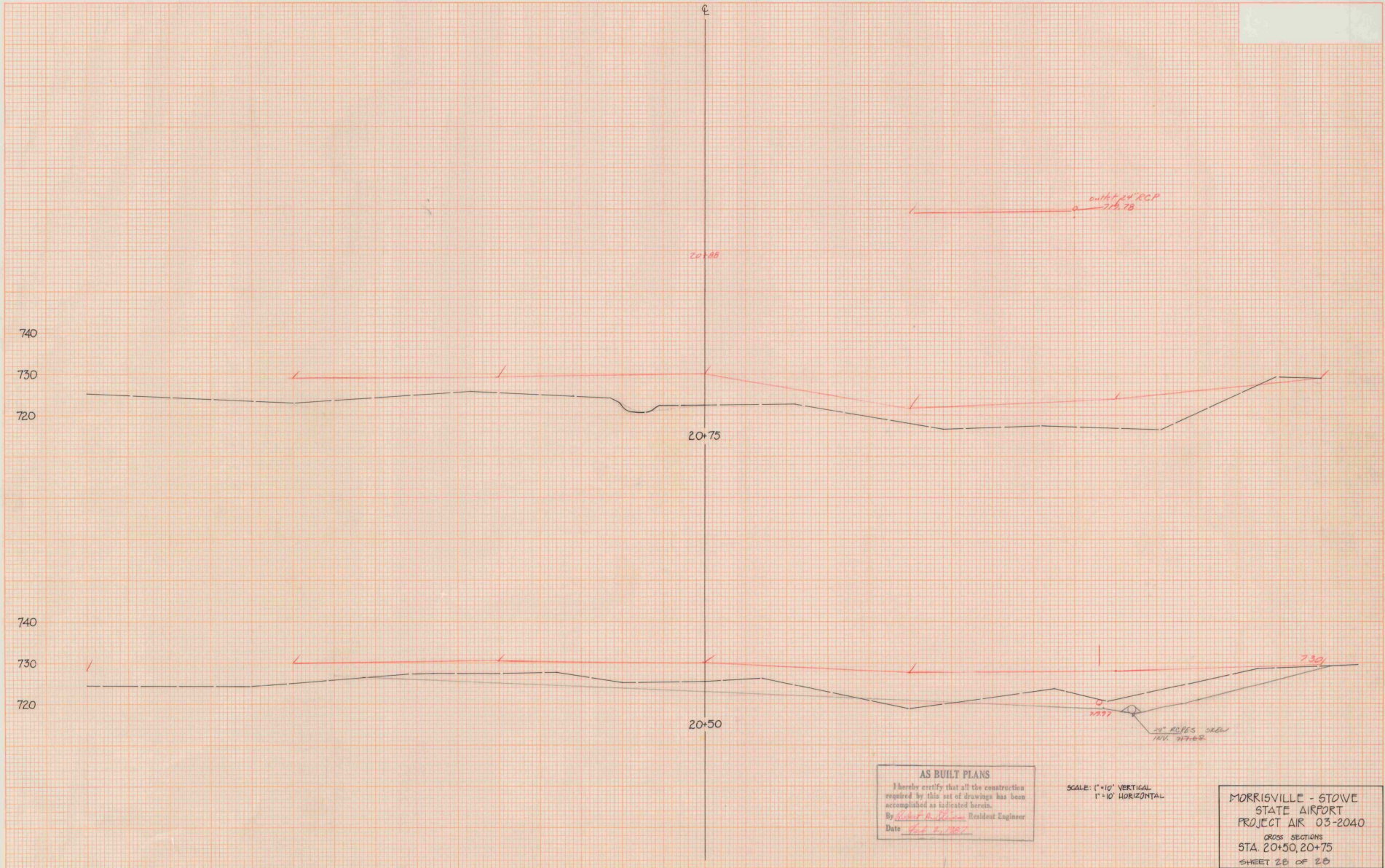
AS BUILT PLANS
 I hereby certify that all the construction required by this set of drawings has been accomplished as indicated herein.
 By Robert A. Steiner Resident Engineer
 Date Feb 2, 1957

SCALE: 1" = 10' VERTICAL
 1" = 10' HORIZONTAL

MORRISVILLE - STOVE
 STATE AIRPORT
 PROJECT AIR 03-2040
 CROSS SECTIONS
 STA 20+00, 20+10, & 20+25
 SHEET 27 OF 28

DATE	
BY	
PROJECT	
CONTRACT	
DATE	
BY	
PROJECT	
CONTRACT	
DATE	
BY	
PROJECT	
CONTRACT	
DATE	
BY	

DATE	
BY	
PROJECT	
CONTRACT	
DATE	
BY	
PROJECT	
CONTRACT	
DATE	
BY	
PROJECT	
CONTRACT	
DATE	
BY	



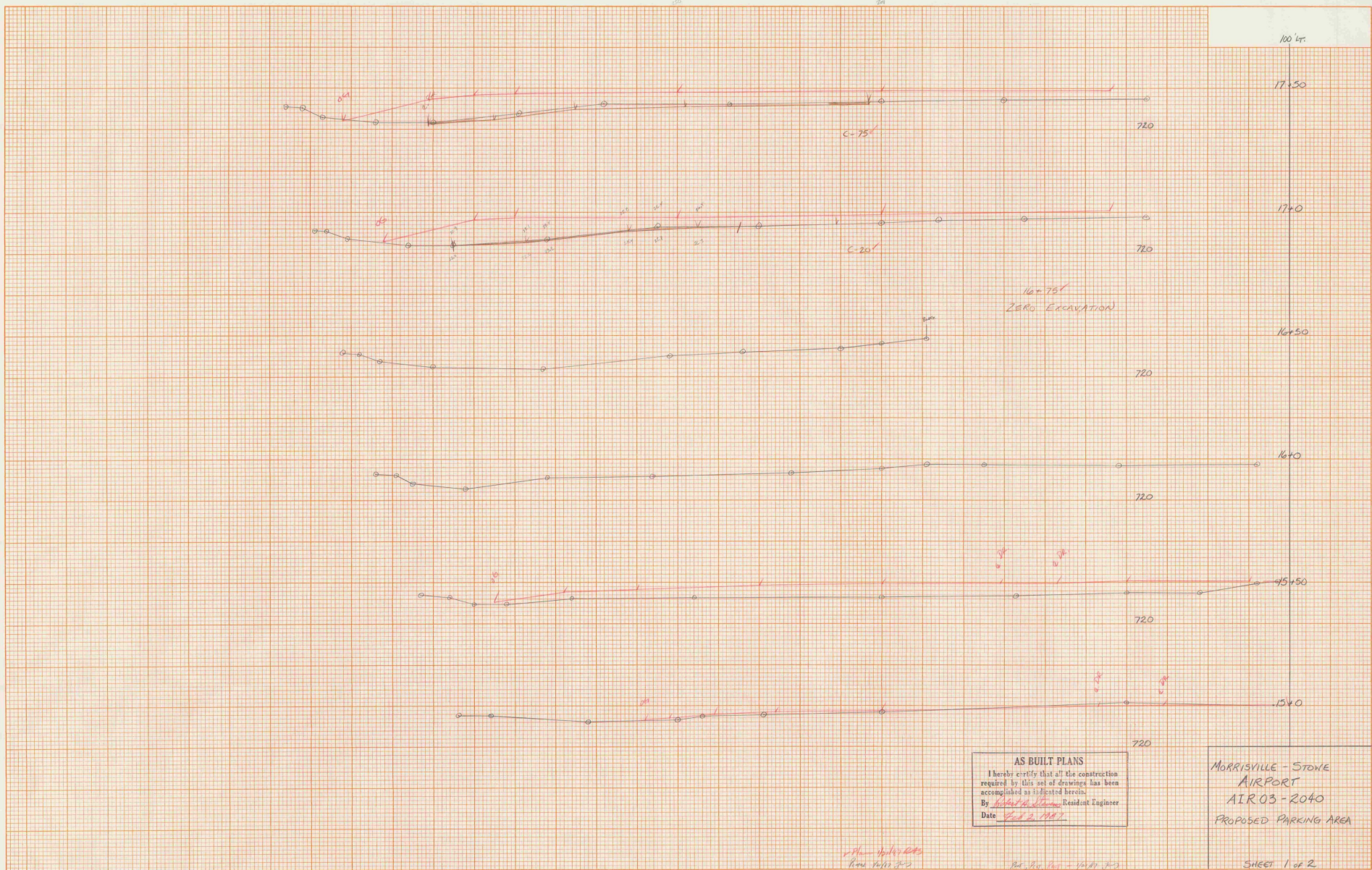
AS BUILT PLANS
 I hereby certify that all the construction
 required by this set of drawings has been
 accomplished as indicated herein.
 By Robert M. [Signature] Resident Engineer
 Date 6/28/1967

SCALE: 1"=10' VERTICAL
 1"=10' HORIZONTAL

MORRISVILLE - STOVE
 STATE AIRPORT
 PROJECT AIR 03-2040
 CROSS SECTIONS
 STA 20+50, 20+75
 SHEET 28 OF 28

DATE	
BY	
DESIGNED	
CHECKED	
IN CHARGE	
APPROVED	
DATE	

DATE	
BY	
DESIGNED	
CHECKED	
IN CHARGE	
APPROVED	
DATE	



AS BUILT PLANS
 I hereby certify that all the construction required by this set of drawings has been accomplished as indicated herein.
 By *Robert H. [Signature]* Resident Engineer
 Date *Feb 2, 1987*

MORRISVILLE - STONE
 AIRPORT
 AIR03-2040
 PROPOSED PARKING AREA

DATE	
BY	
PROJECT NO.	
PROPERTY	
CONTRACT	
DATE	
BY	
PROJECT NO.	
PROPERTY	
CONTRACT	
DATE	
BY	

DATE	
BY	
PROJECT NO.	
PROPERTY	
CONTRACT	
DATE	
BY	
PROJECT NO.	
PROPERTY	
CONTRACT	
DATE	
BY	

STA	DIST	AREA	VOLUME
16+75	0'	0'	
17+0	25'	20'	2.9 cu
+50	40'	75'	83.0
18+0	60'	60'	185.0
+50	70'	70'	120.4
19+0	80'	80'	177.2
+50	50'	115'	188.9
+65	15'	115'	63.9
			746.7 cu
			Pay 743.5
			To Box 1, No. 21

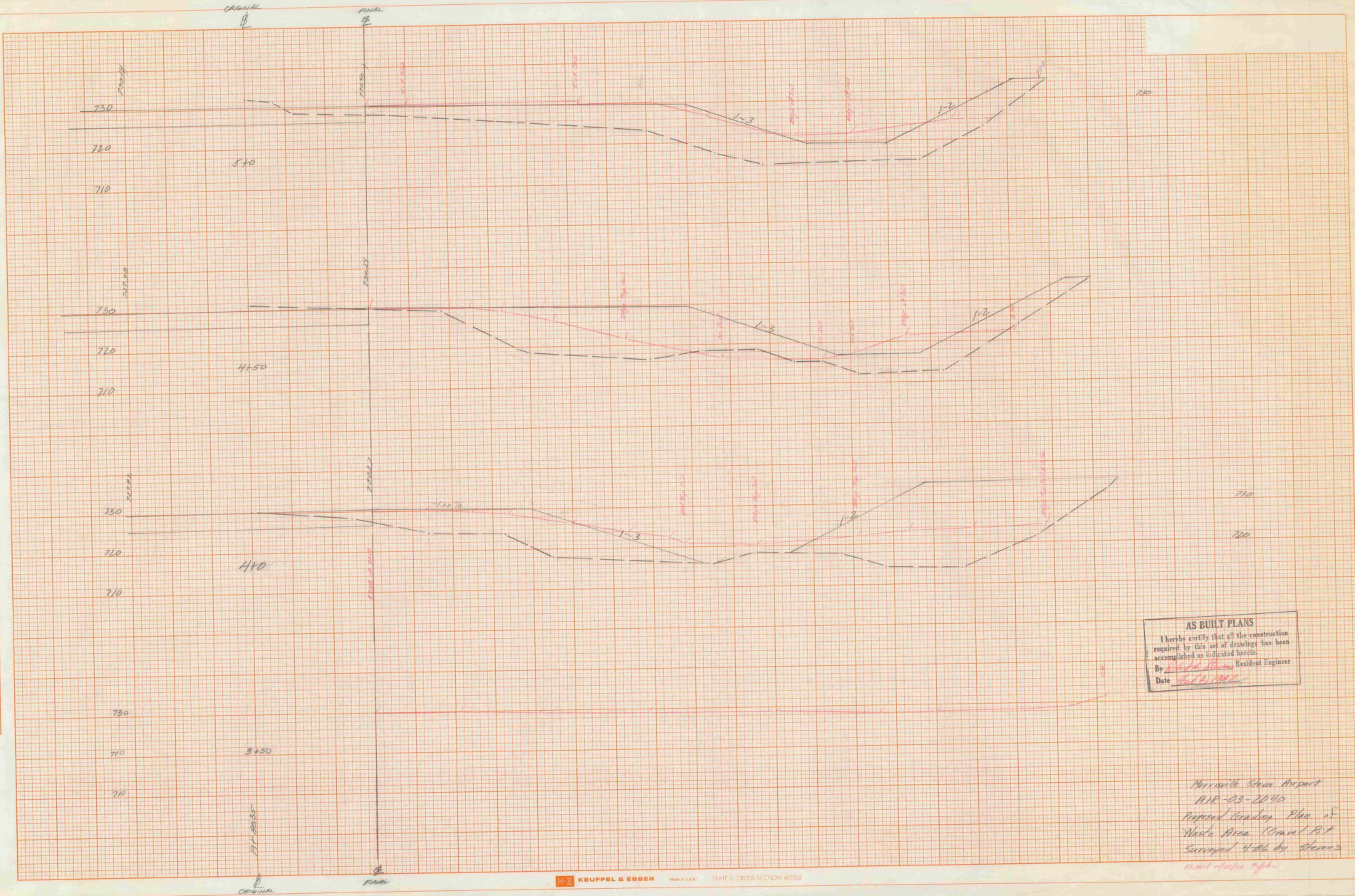


AS BUILT PLANS
 I hereby certify that all the construction
 required by this set of drawings has been
 accomplished as indicated herein.
 By Richard H. Stinson Resident Engineer
 Date Feb 2, 1971

MORRISVILLE-STOWE
 AIRPORT
 AIR-03-2040
 PROPOSED PARKING AREA

DATE	
BY	
PROJECT	WATER SUPPLY
PLANT	WATER SUPPLY
SCALE	AS SHOWN
NO.	

DATE	
BY	
PROJECT	WATER SUPPLY
PLANT	WATER SUPPLY
SCALE	AS SHOWN
NO.	

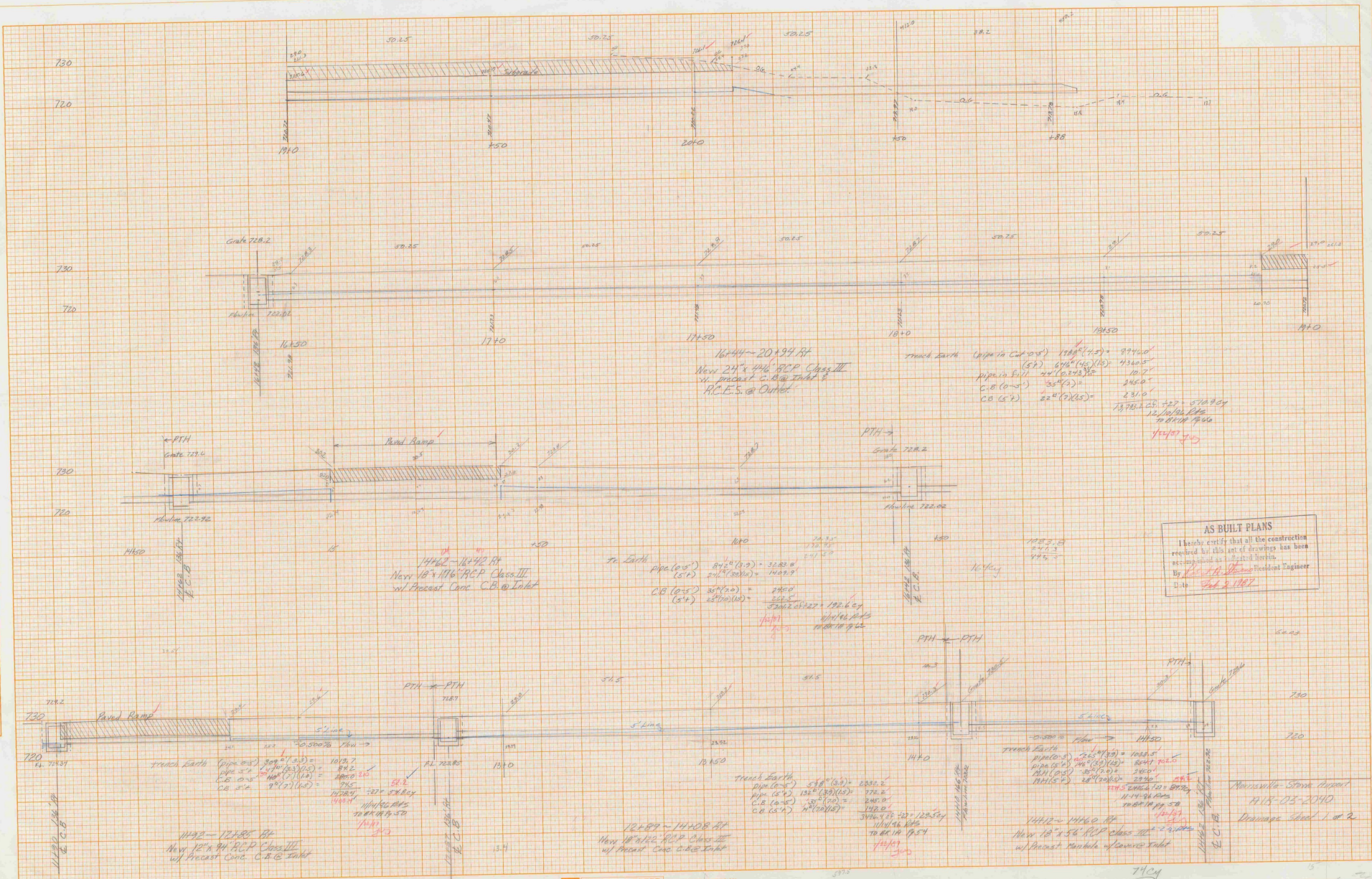


AS BUILT PLANS
 I hereby certify that all the construction required by this set of drawings has been accomplished as indicated herein.
 By *W. H. [Signature]* Resident Engineer
 Date *10/20/1942*

*Morrisville Stone Reservoir
 AIR 23-2042
 Proposed Gravity Pipe of
 White Area (Cross Section
 Surveyed 4-26-40 Stone's
 most reliable info.*

DATE	
BY	
REVISIONS	
NO.	
DESCRIPTION	
DATE	
BY	
REVISIONS	
NO.	
DESCRIPTION	
DATE	
BY	
REVISIONS	
NO.	
DESCRIPTION	

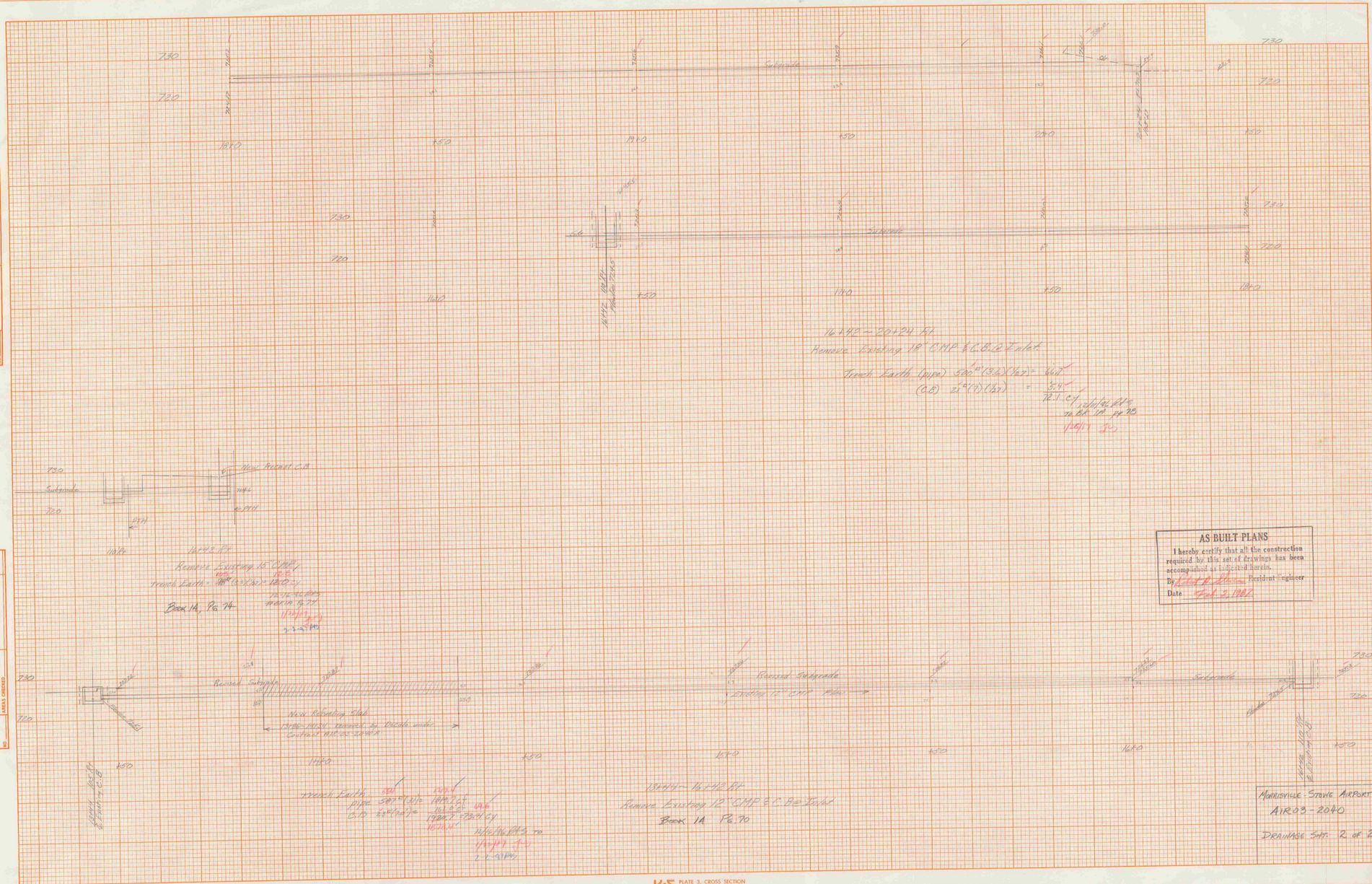
DATE	
BY	
REVISIONS	
NO.	
DESCRIPTION	
DATE	
BY	
REVISIONS	
NO.	
DESCRIPTION	
DATE	
BY	
REVISIONS	
NO.	
DESCRIPTION	



AS BUILT PLANS
 I hereby certify that all the construction
 required by this set of drawings has been
 completed as indicated herein.
 By [Signature] President Engineer
 D. D. [Signature]

DATE	
BY	
REVISIONS	
NO.	
DESCRIPTION	
DATE	
BY	
REVISIONS	
NO.	
DESCRIPTION	
DATE	
BY	

DATE	
BY	
REVISIONS	
NO.	
DESCRIPTION	
DATE	
BY	
REVISIONS	
NO.	
DESCRIPTION	
DATE	
BY	



16192 - 20124 ft
 Remove Existing 18" CMP & C.B. & Earth
 Trench Earth (upper) $580' \times (13.6) \times (12) = 947'$
 (C.B.) $21' \times (17) \times (37) = 26,199'$
 $947' + 26,199' = 27,146'$
 10.00' 10' 11" 20'
 1/11/11 3/5

16192 ft
 Remove Existing 18" CMP & C.B. & Earth
 Trench Earth (upper) $580' \times (13.6) \times (12) = 947'$
 (C.B.) $21' \times (17) \times (37) = 26,199'$
 $947' + 26,199' = 27,146'$
 10.00' 10' 11" 20'
 1/11/11 3/5

16194 - 16192 ft
 Remove Existing 12" CMP & C.B. & Earth
 Trench Earth (upper) $580' \times (13.6) \times (12) = 947'$
 (C.B.) $21' \times (17) \times (37) = 26,199'$
 $947' + 26,199' = 27,146'$
 10.00' 10' 11" 20'
 1/11/11 3/5

AS-BUILT PLANS
 I hereby certify that all the construction required by this set of drawings has been accomplished in accordance therewith.
 By John P. Blanton Resident Engineer
 Date 10/23/11

Northwest Stone Airport
 AIR03-2040
 DRAINAGE S&P 2 of 2

VERMONT Agency of
Transportation
Phase III- Interstate
#090303-01

INITIALS

Hanger 5015

DONE

VERMONT AGENCY OF TRANSPORTATION
PLANNING DIVISION

MORRISVILLE - STOWE
1987 AIR 03-2040
★ AIP 3-50-0012-09

MORRISVILLE

VERMONT AGENCY OF TRANSPORTATION
PLANNING DIVISION

Vermont Agency of

Transportation

Phase III - Interstate

#090303-01

INITIALS

Hanger 5084

DONE