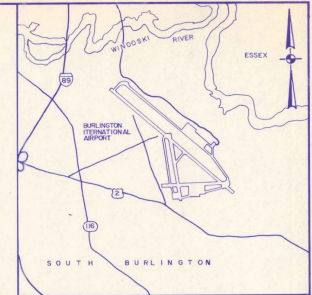
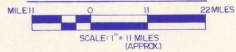
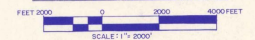


VICINITY MAP



LOCATION MAP



CITY OF BURLINGTON VERMONT

BURLINGTON INTERNATIONAL AIRPORT

RECONSTRUCT TERMINAL APRON PHASE II

(APPROX. 15,500 SY)

AIP PROJECT NO. 3 - 50 - 0005 - 11

AIR 03 - 2066

MARCH 1988

MAJOR ITEM QUANTITIES

ITEM	DESCRIPTION	QUANTITY
6-1	Portland Cement Concrete	14,742.5 SY

INDEX TO DRAWINGS

DRAWING NO.	TITLE	SHEET NO.
1	Cover Sheet	1 of 20
2	General Plan	2 of 20
3	Construction Phasing Plan	3 of 20
4	Typical Sections	4 of 20
5	Grading Plan	5 of 20
6	Electrical and Drainage Plan	6 of 20
7	Jointing Plan	7 of 20
8	Trench Drain Profile and Detail	8 of 20
9	Pavement and Drainage Details	9 of 20
10	Electrical Details	10 of 20
11	Cross Sections STA 15+00 to STA 16+00	11 of 20
12	Cross Sections STA 16+00 to STA 17+00	12 of 20
13	Cross Sections STA 18+00 to STA 19+00	13 of 20
14	Cross Sections STA 19+00 to STA 20+00	14 of 20
15	Cross Sections STA 21+00 to STA 22+00	15 of 20
16	Miscellaneous Profiles	16 of 20
17	Pavement Marking Plan	17 of 20
18	Miscellaneous Details	18 of 20
19	Boring Logs	19 of 20
20	Boring Logs	20 of 20



"AS BUILT"

I HEREBY CERTIFY THAT ALL WORK INDICATED IN THIS DRAWING HAS BEEN COMPLETED AS SHOWN.

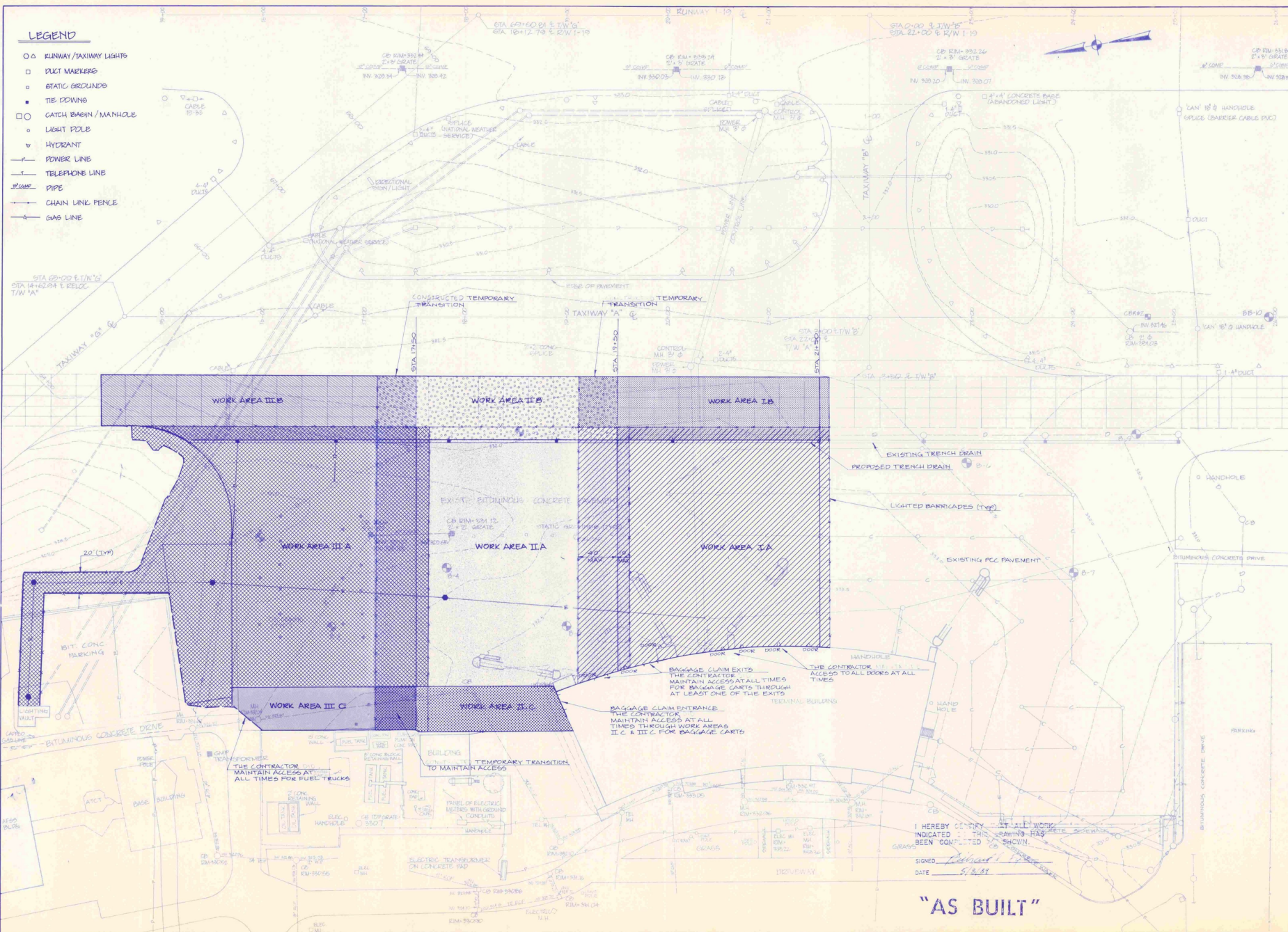
SIGNED: *Robert D. Foy*
DATE: 5/9/88

1189
 CONSTRUCTION
 RECONSTRUCT AIRPORT
 AIR 03-2066-11
 AIR 03-2066

CITY OF BURLINGTON, VERMONT APPROVED _____ DIRECTOR OF AVIATION DATE _____ APPROVED _____ DATE _____		VERMONT AGENCY OF TRANSPORTATION APPROVED _____ SECRETARY OF TRANSPORTATION DATE _____ APPROVED _____ DIRECTOR OF ENGINEERING & CONSTRUCTION DATE _____		U.S. DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION NEW ENGLAND REGION APPROVED _____ CHIEF OF AIRPORT ENGINEERING & SAFETY SECTION DATE _____ APPROVAL SUBJECT TO COMMENTS AND RECOMMENDATIONS IN LETTERS DATED _____		RETURNED STATEMENT REGARDING COMPLIANCE These plans and specifications have been compared to the best of my knowledge and belief to the requirements of the Federal Aviation Regulations as listed in 49 CFR 171.22, Change 1, Advisory Circulars and Circulars, dated 10/15/86. I have obtained from the FAA those data were approved by the letters dated _____ and are attached to this project engineering report under the official project document. HOYLE, TANNER & ASSOCIATES, INC. BY: _____ DATE: 3/28/88 Registration No. _____		CITY OF BURLINGTON, VERMONT BURLINGTON INTERNATIONAL AIRPORT TITLE LOCATION AND VICINITY MAPS INDEX TO DRAWINGS MAJOR ITEM QUANTITIES SCALE: AS SHOWN DATE: MARCH 1988 DES. BY: J.E.M. DR. BY: H.W.W. CHKD. BY: J.B.D. PROJECT NO. 37716 SHEET OF 1 20 DRAWING NO. 1	
--	--	---	--	--	--	--	--	---	--

LEGEND

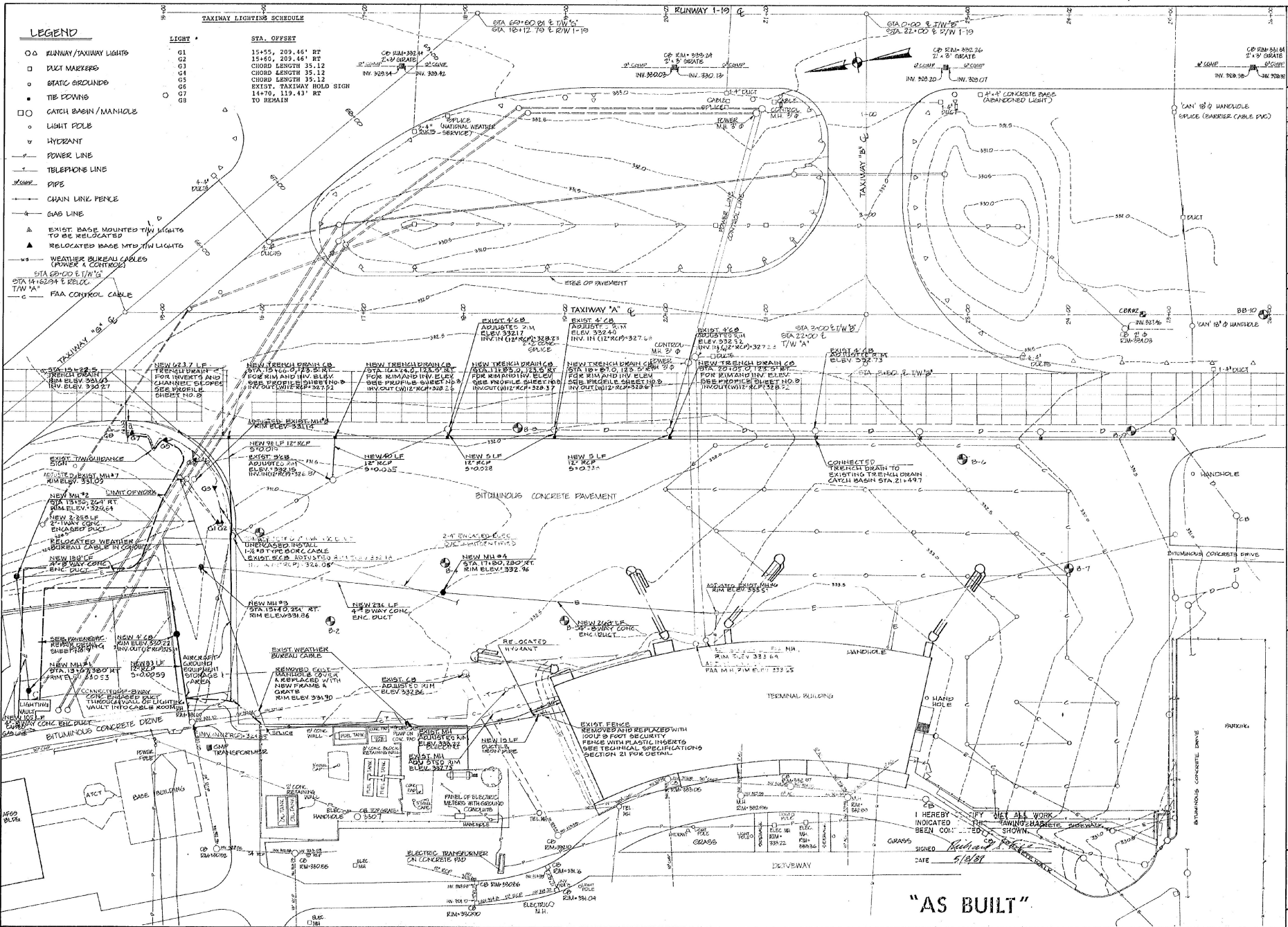
- ○ RUNWAY/TAXIWAY LIGHTS
- DUCT MARKERS
- STATIC GROUNDINGS
- TIE DOWNS
- CATCH BASIN / MANHOLE
- LIGHT POLE
- ▽ HYDRANT
- POWER LINE
- TELEPHONE LINE
- PIPE
- CHAIN LINK FENCE
- GAS LINE



I HEREBY CERTIFY THAT ALL WORK INDICATED IN THIS DRAWING HAS BEEN COMPLETED.
 SIGNED: *[Signature]*
 DATE: 5/18/89

"AS BUILT"

ENGINEER/ARCHITECT	
PROJECT NO.	37716
DATE	MARCH 1988
SCALE	1" = 40'
DES. BY	J.E.M.
DR. BY	H.W.W.
CHKD. BY	J.B.D.
Hoyle, Tanner & Associates, Inc. 100 Main Street Burlington, Vermont 05401 Phone: (802) 249-1111	
BURLINGTON INTERNATIONAL AIRPORT SOUTH BURLINGTON, VERMONT RECONSTRUCT TERMINAL APRON - PHASE I CONSTRUCTION PHASING PLAN	
DRAWING NO.	3
SHEET	3 OF 20

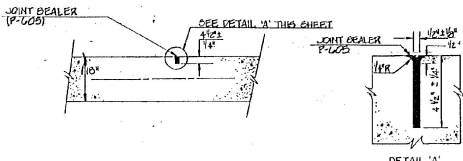


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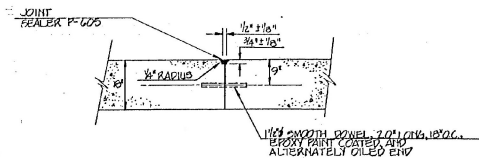
- | | | | |
|---|--|----|------------------------------------|
| ○ | RUNWAY/TAXIWAY LIGHTS | 01 | 15+55, 209.46' RT |
| □ | DUCT MARKERS | 02 | 15+50, 209.46' RT |
| ○ | STATIC GROUNDINGS | 03 | CHORD LENGTH 35.12 |
| ○ | THE DOWN | 04 | CHORD LENGTH 35.12 |
| □ | CATCH BASIN/MAINHOLE | 05 | EXIST. TAXIWAY HOLD SIGN TO REMAIN |
| ○ | LIGHT POLE | 06 | |
| ▽ | HYDRANT | 07 | |
| — | POWER LINE | | |
| — | TELEPHONE LINE | | |
| — | PIPE | | |
| — | CHAIN LINK FENCE | | |
| — | GAS LINE | | |
| ▲ | EXIST. BASE MOUNTED T/W LIGHTS TO BE RELOCATED | | |
| ▲ | RELOCATED BASE MTD T/W LIGHTS | | |
| ○ | WEATHER BUREAU CABLES (PANEL & CONTROL) | | |
| ○ | FAA CONTROL CABLE | | |

ENGINEER/ARCHITECT	
PROJECT NO.	37716
DATE	MARCH 1988
SCALE	1" = 40'
DESIGNED BY	JEM
CHECKED BY	H.W.W.
DATE	6/2/88
Hoyle, Tanner & Associates, Inc. 100 Commercial Park North - Bedford, NH 03110-6030 Telephone: 603-888-5555 Fax: 603-888-5555	
BURLINGTON INTERNATIONAL AIRPORT RECONSTRUCT TERMINAL - PHASE 11 DRAINAGE AND ELECTRICAL PLAN	
DRAWING NO.	6
SHEET	6 OF 20

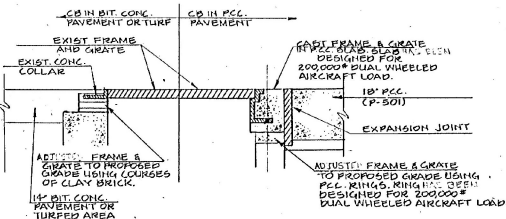
"AS BUILT"



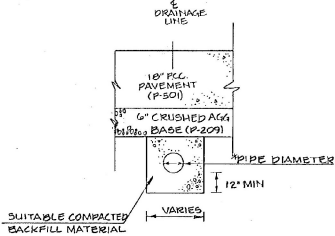
TRANSVERSE CONTRACTION JOINT
NOT TO SCALE



DOWELED LONGITUDINAL AND TRANSVERSE CONSTRUCTION JOINT
NOT TO SCALE

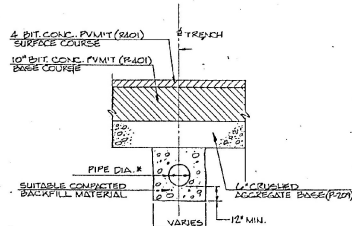


CATCH BASIN ADJUSTMENT
NOT TO SCALE



PIPE DIAMETER	TRENCH WIDTH
UP TO 12"	36"
UP TO 24"	1D PLUS 24"
OVER 24"	2 x ID OF PIPE

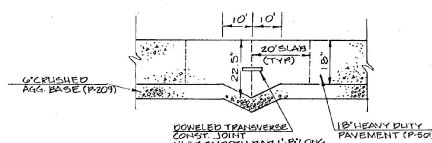
STA 15+71 TO STA 19+00



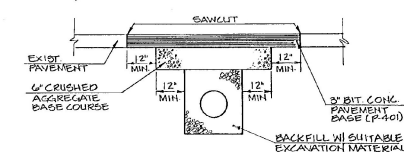
PIPE DIAMETER	TRENCH WIDTH
UP TO 12"	36"
UP TO 24"	1D PLUS 24"
OVER 24"	2 x ID OF PIPE

STA 19+00 TO STA 21+50

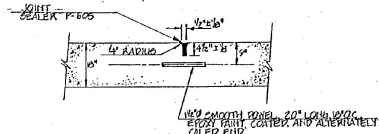
TYPICAL DRAINAGE PIPE DETAILS FOR TERMINAL APRON
NOT TO SCALE



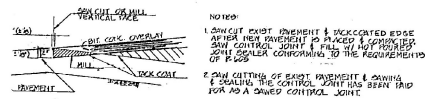
THICKENED EDGE DETAIL
STA. 17+50 AND 19+50
NOT TO SCALE



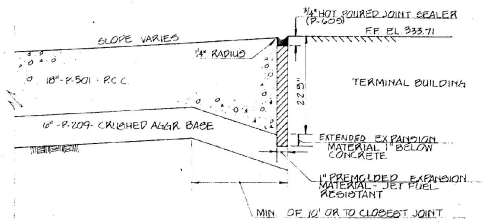
TYPICAL PAVEMENT REPAIR SECTION
NOT TO SCALE



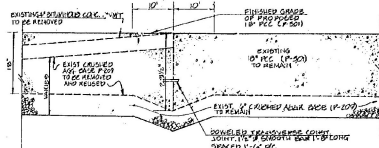
DOWELED TRANSVERSE CONTRACTION JOINT
NOT TO SCALE



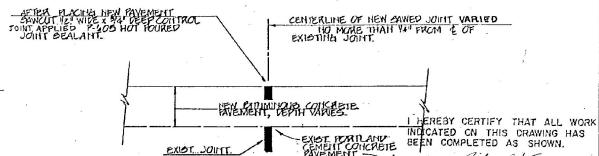
TYPICAL BUTT JOINT-EDGE OF OVERLAY
NOT TO SCALE



THICKENED EDGE DETAIL
AT TERMINAL BUILDING
NOT TO SCALE



THICKENED EDGE DETAIL
AT STA. 21+50
NOT TO SCALE



SAWED CONTROL JOINT
NOT TO SCALE

"AS BUILT"

ENGINEER/ARCHITECT

NO.	DATE	DESCRIPTION
1	10/10/00	PREVIEWED AS BUILT
2	10/10/00	BY LPT/LORE

PROJECT NO

37716

DATE

10/10/00

BY

JLD

SCALE

AS SHOWN

DATE

MARCH 1988

BY

KJF

SCALE

AS SHOWN

DATE

MARCH 1988

BY

KJF

SCALE

AS SHOWN

DATE

MARCH 1988

BY

KJF

SCALE

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KJF

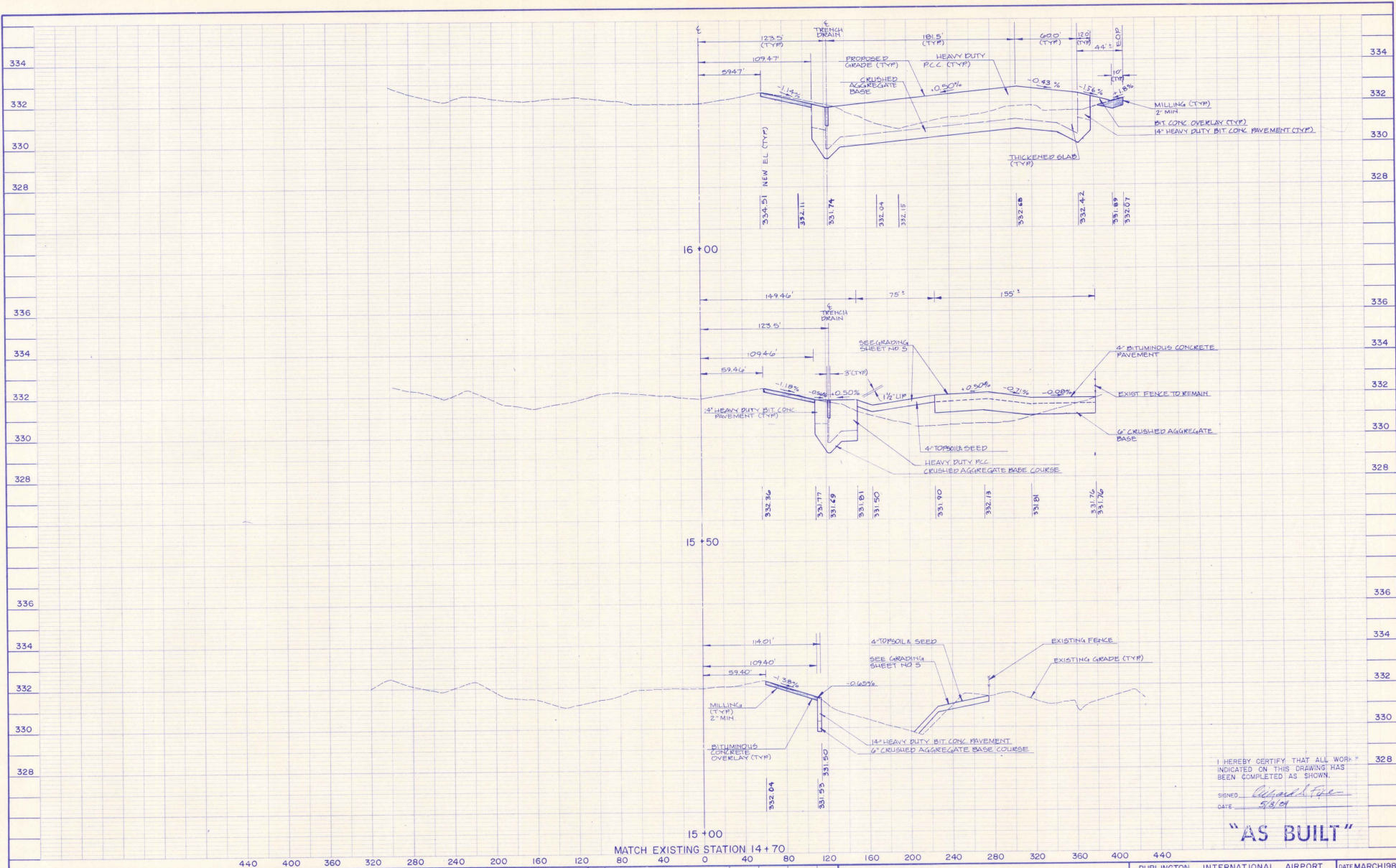
SCALE

AS SHOWN

DATE

MARCH 1988

</



I HEREBY CERTIFY THAT ALL WORK INDICATED ON THIS DRAWING HAS BEEN COMPLETED AS SHOWN.
 SIGNED: *Richard S. Taylor*
 DATE: 5/8/01

"AS BUILT"

SCALE: 1" = 40' HORIZ.
 1" = 2' VERT.

REV	DESCRIPTION	BY	CHKD.	APPD.	DATE
1	REVISED "AS BUILT"				

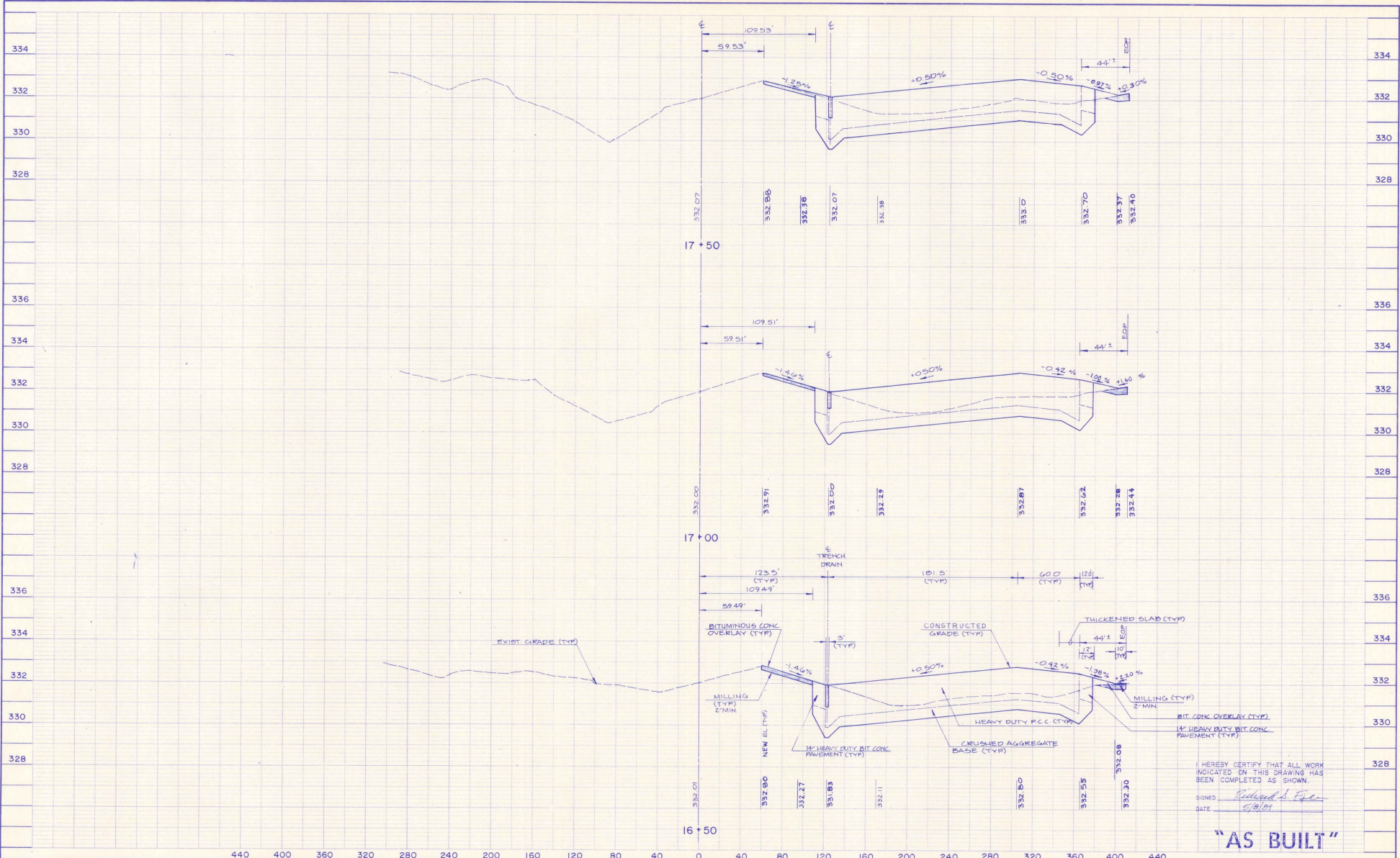
Hoyle, Tanner & Associates, Inc. **HTA** engineers architects planners
 Five Commerce Park North • Bedford, NH 03110 • 603.869-5555
 Companies

BURLINGTON INTERNATIONAL AIRPORT
 RECONSTRUCT TERMINAL APRON - PHASE II
 DATE: MARCH 1998
 DRAWING NO. 11

CROSS SECTIONS
 STA 15+00 TO STA 16+00

SHEET NO. 11
 of 20

AIP PROJECT NO. 3-50-0005-11



440 400 360 320 280 240 200 160 120 80 40 0 40 80 120 160 200 240 280 320 360 400 440

SCALE: 1" = 40' HORIZ.
1" = 2' VERT.

REV	DESCRIPTION	BY	CHKD BY	APPD BY	DATE

Hoyle, Tanner & Associates, Inc.
Five Commerce Park North • Bedford, NH 03102 • 603.669-5555
engineers
architects
planners
Companies

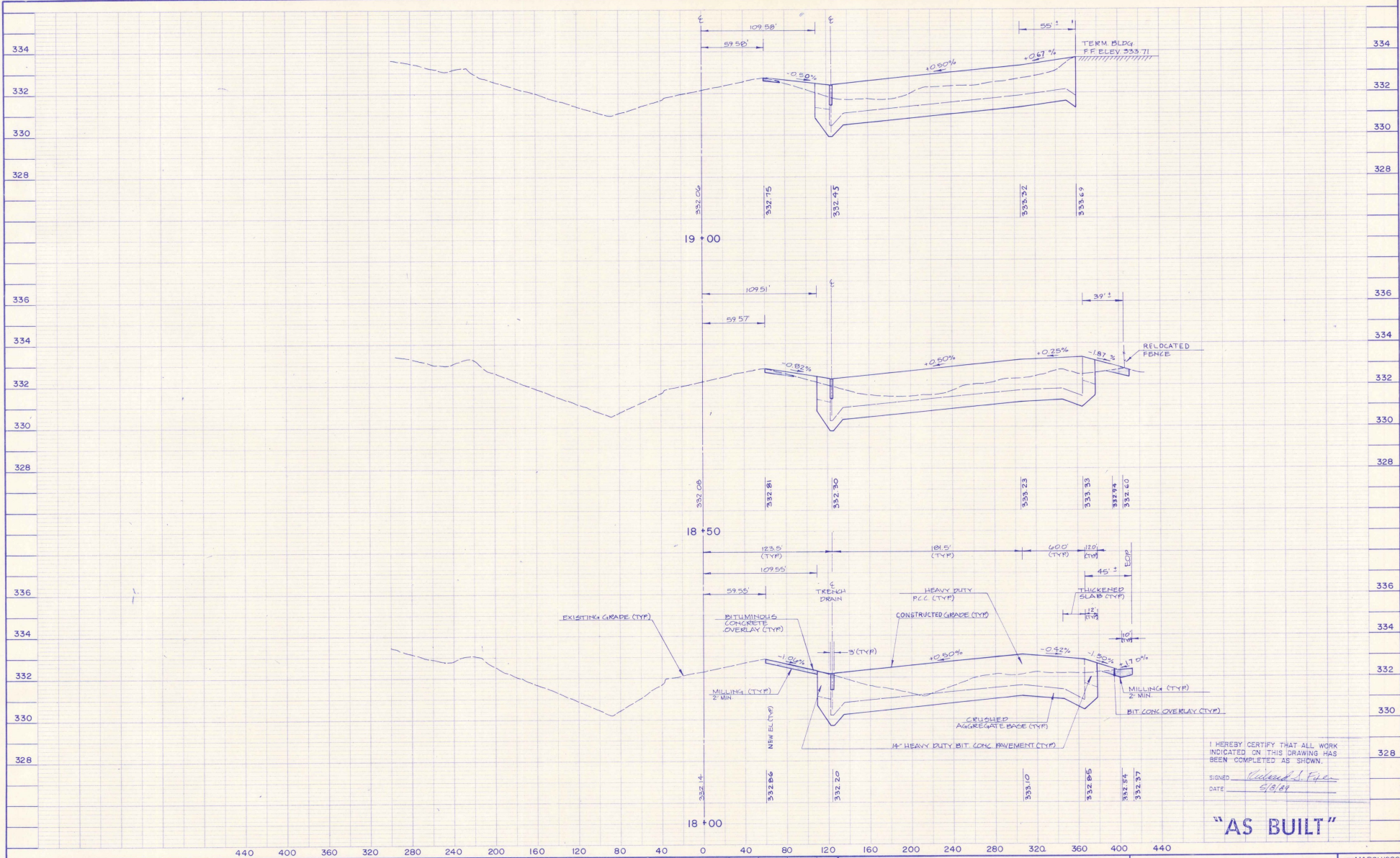
BURLINGTON INTERNATIONAL AIRPORT
RECONSTRUCT TERMINAL APRON-PHASE II

CROSS SECTIONS
STA. 16+50 TO STA. 17+50

DATE MARCH 1988
DRAWING NO. 12
SHEET NO. 12 of 20

I HEREBY CERTIFY THAT ALL WORK INDICATED ON THIS DRAWING HAS BEEN COMPLETED AS SHOWN.
SIGNED: *Richard S. Egan*
DATE: 5/9/01

"AS BUILT"



I HEREBY CERTIFY THAT ALL WORK INDICATED ON THIS DRAWING HAS BEEN COMPLETED AS SHOWN.
 SIGNED: *Richard S. Fyle*
 DATE: 5/8/84

"AS BUILT"

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SCALE: 1" = 40' HORIZ.
 1" = 2' VERT.

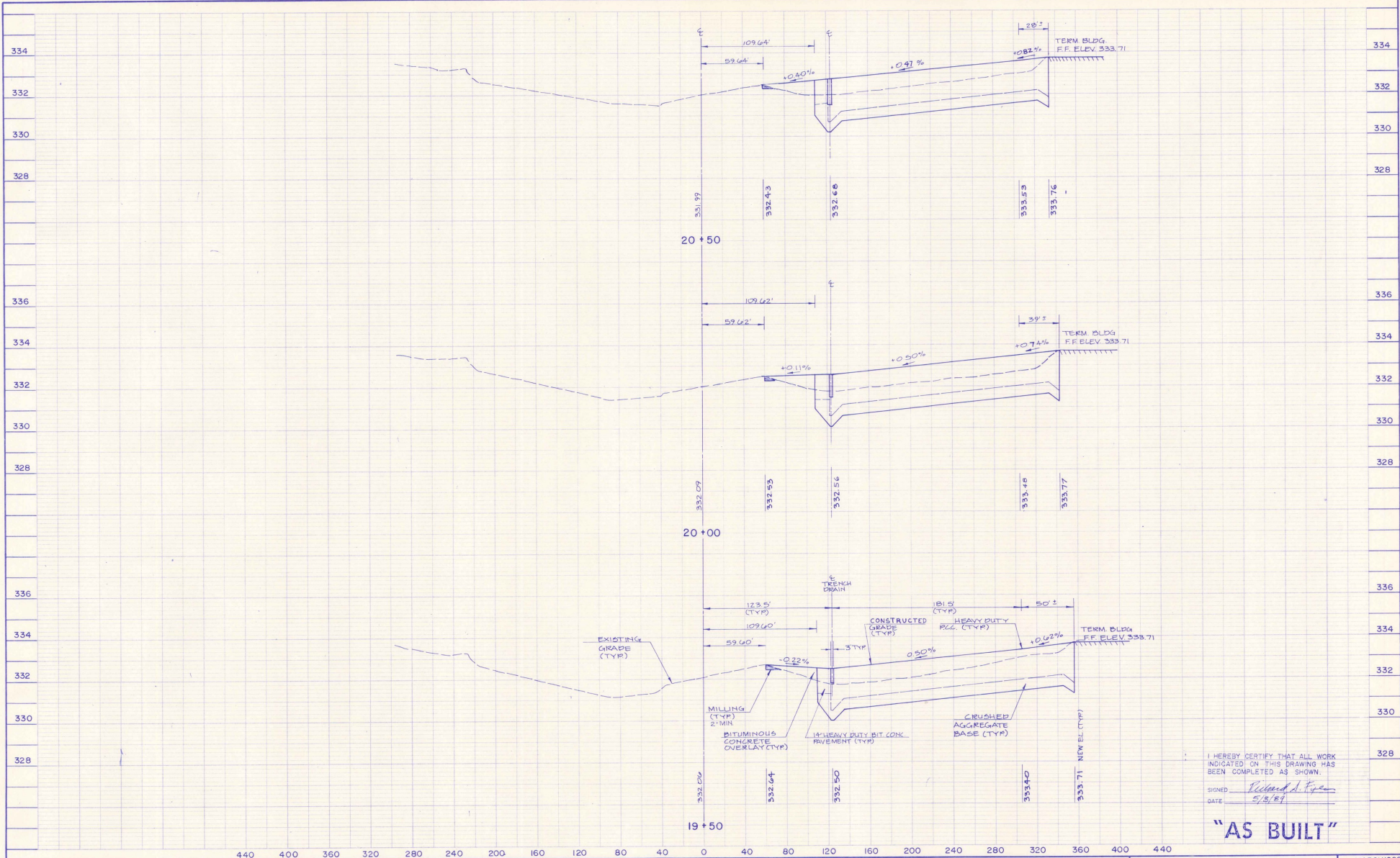
REV	DESCRIPTION	DR. BY	CHKD. BY	APPD. BY	DATE
	REVISED "AS-BUILT"	MV	BL	BL	2/83

Hoyle, Tanner & Associates, Inc. **HTA** engineers architects planners
 Five Commerce Park North • Bedford, NH 03102 1693-669-5555
 Companies

BURLINGTON INTERNATIONAL AIRPORT
 RECONSTRUCT TERMINAL APRON - PHASE II
CROSS SECTIONS
 STA. 18+00 TO STA. 19+00
 DATE: MARCH 1988
 DRAWING NO. **13**
 SHEET NO. 13 of 20

AIP PROJECT NO. 3-50-0005-11

1693-669-5555
 HOYLE, TANNER & ASSOCIATES, INC.
 1693-669-5555



I HEREBY CERTIFY THAT ALL WORK INDICATED ON THIS DRAWING HAS BEEN COMPLETED AS SHOWN.
 SIGNED: *Richard J. Ryan*
 DATE: 5/5/87

"AS BUILT"

440 400 360 320 280 240 200 160 120 80 40 0 40 80 120 160 200 240 280 320 360 400 440

SCALE: 1" = 40' HORIZ.
 1" = 2' VERT.

REV	DESCRIPTION	DATE	BY	CHKD BY	APPD BY	DATE
1	REVISED "AS BUILT"	5/5/87				5/5/87

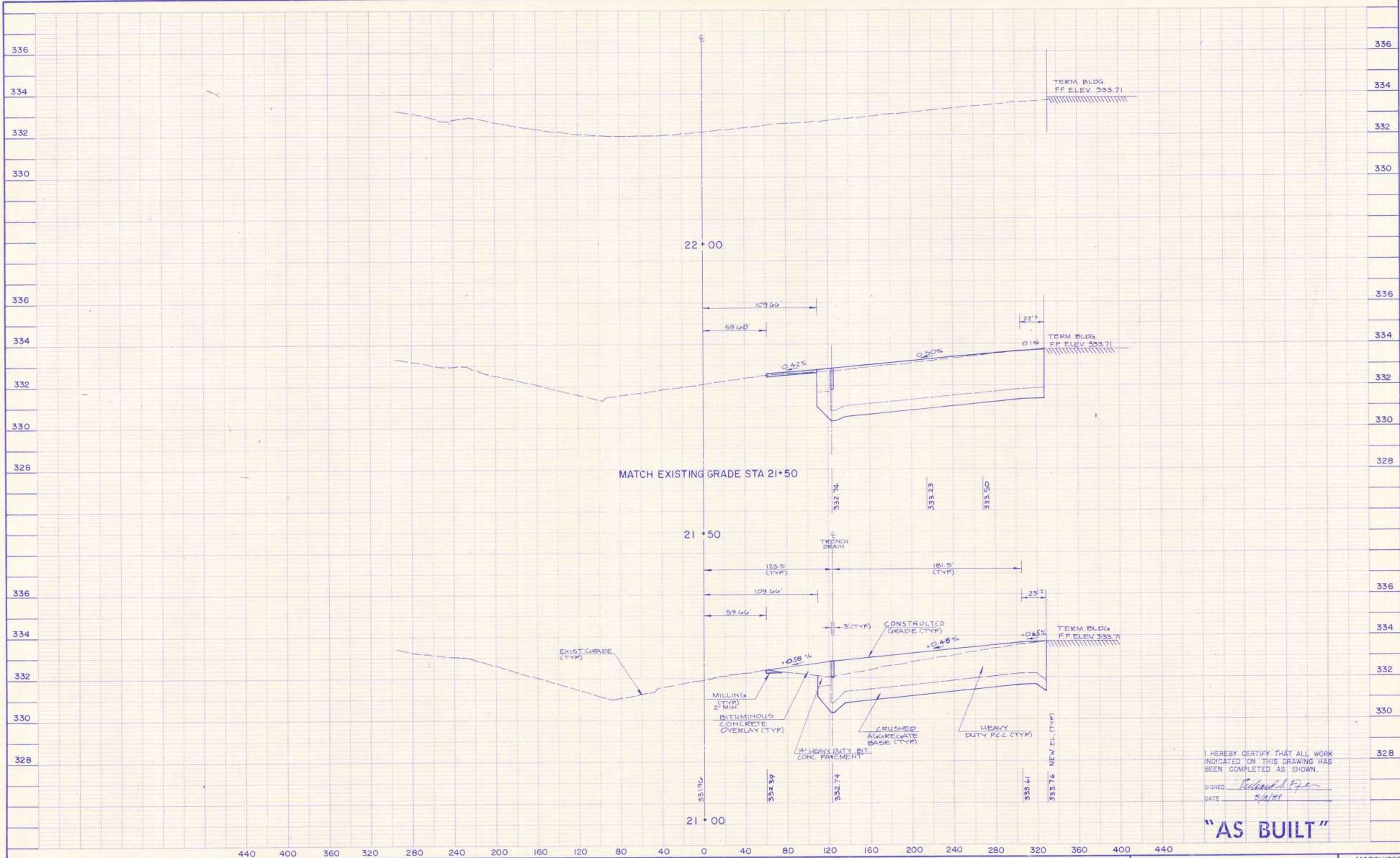
Hoyle, Tanner & Associates, Inc.
 Five Commerce Park North • Bedford, NH 03102 (603)669-5555
HNA engineers architects planners
 Companies

BURLINGTON INTERNATIONAL AIRPORT
 RECONSTRUCT TERMINAL APRON - PHASE II
CROSS SECTIONS
 STA. 19+50 TO STA. 20+50
 DATE: MARCH 1988
 DRAWING NO. 14
 SHEET NO. 14 of 20

AIP PROJECT NO. 3-50-0005-11

REF: 300 - 1984-332 - 10002

PROPERTY OF HOYLE, TANNER & ASSOCIATES, INC.



MATCH EXISTING GRADE STA 21+50

I HEREBY CERTIFY THAT ALL WORK INDICATED ON THIS DRAWING HAS BEEN COMPLETED AS SHOWN.
 SIGNED: *Richard D. Egan*
 DATE: 5/1/07

"AS BUILT"

SCALE: 1" = 40' HORIZ
 1" = 2' VERT.

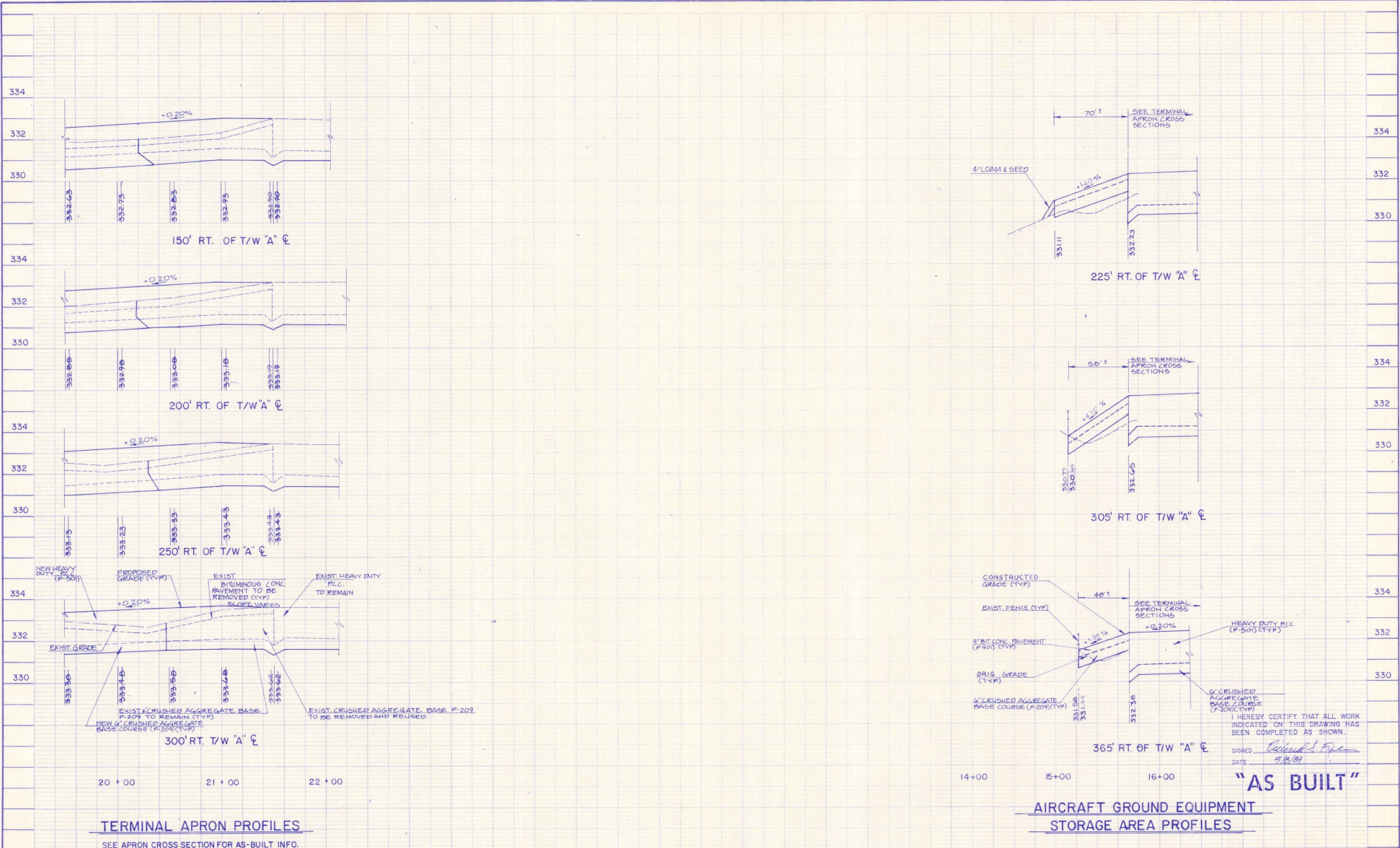
REV	DESCRIPTION	DR BY	CHKD BY	APPD BY	DATE

Hoyle, Tanner & Associates, Inc. **HTA** engineers architects planners
 Five Commerce Park North • Bedford, NH 03102 603-669-5555

BURLINGTON INTERNATIONAL AIRPORT
 RECONSTRUCT TERMINAL APRON-PHASE II
CROSS SECTIONS
 STA. 21+00 TO STA. 22+00
 DATE: MARCH 1988
 DRAWING NO. **15**
 SHEET NO. 15 of 20

AIP PROJECT NO. 3-50-0005-11

DATE PLOTTED: 5/1/07 10:58 AM



TERMINAL APRON PROFILES

SEE APRON CROSS SECTION FOR AS-BUILT INFO.

AIRCRAFT GROUND EQUIPMENT STORAGE AREA PROFILES

"AS BUILT"

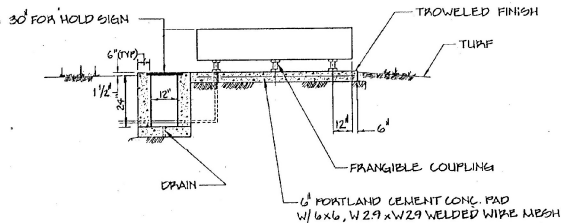
SCALE: 1" = 40' HORIZ.
2" = 2' VERT.

REV	DESCRIPTION	DR BY	CHKD BY	APPD BY	DATE

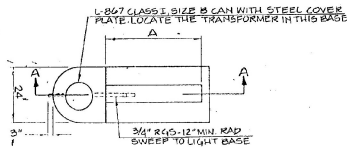
Hoyle, Tanner & Associates, Inc. **HTA** engineers architects planners
Five Commerce Park North • Bedford, NH 03112 603/669-5555

BURLINGTON INTERNATIONAL AIRPORT RECONSTRUCT TERMINAL APRON - PHASE II
MISCELLANEOUS PROFILES

DATE MARCH 1988
DRAWING NO. **16**
SHEET NO. 16 of 20



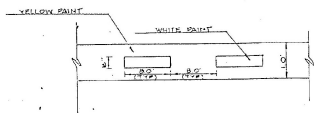
SECTION A-A



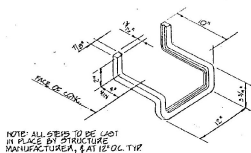
L-858 LIGHTED SIGN DETAIL
NOT TO SCALE

LOCATION	TYPE L-858R WHITE ON RED	TYPE L-858Y BLACK ON YELLOW
T/W B STA 2+40 RT	I-19	I-15-33

L-858 TAXIWAY HOLD SIGN SCHEDULE
NOT TO SCALE

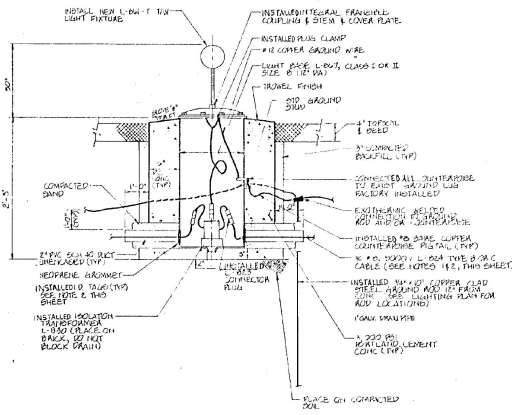


PARKING LIMIT LINE DETAIL
NOT TO SCALE



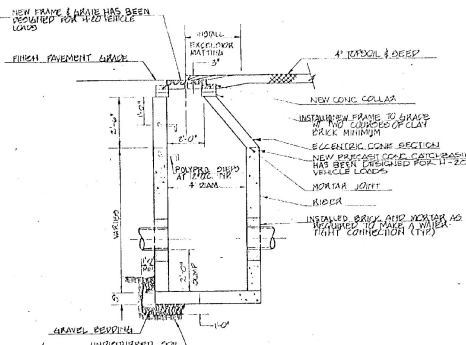
NOTE: ALL STEPS TO BE CAST IN PLACE BY STRUCTURE MANUFACTURER, & AT 100% TYP

CATCH BASIN STEP
NOT TO SCALE

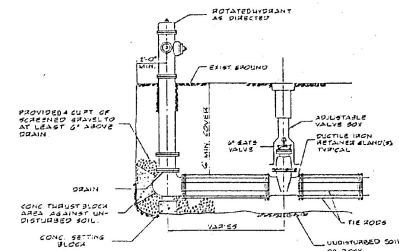


- NOTES:
- SUFFICIENT CABLE SACK HAS BEEN LEFT IN EACH BASE TO ALLOW TRANSFORMER(S) TO BE TAKEN OUT OF BASE.
 - FOR IDENTIFICATION OF CABLES AT EACH LIGHT BASE, PLASTIC IDENTIFICATION TAGS OR BANDS HAS BEEN ATTACHED TO EACH LEAD, SHOWING THE LIGHT NUMBER TO WHICH IT EXTENDS.
 - THE CONTRACTOR HAS FURNISHED & INSTALLED ALL NECESSARY COMPONENTS TO ADJUST THE LIGHTS TO 30°.

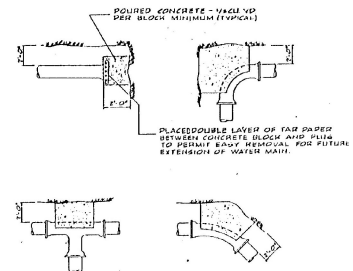
LIGHT BASE INSTALLATION
FAA L-867 DETAIL
NOT TO SCALE



CATCH BASIN DETAIL
NOT TO SCALE



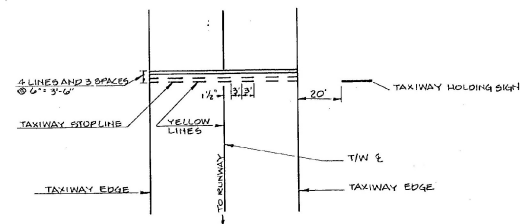
HYDRANT AND VALVE DETAIL
NOT TO SCALE



PIPE SIZE	MINIMUM THRUST BLOCK BEARING AREA REQUIRED - MINIMUM UNDISTURBED MATERIAL (FT ²)			
	20"	24"	30"	36"
12"	5	5	5	5
18"	5	5	5	5
24"	5	5	5	5
30"	5	5	5	5
36"	5	5	5	5

NOTE: SIZE OF THRUST BLOCK MAY BE INCREASED BY THE ENGINEER TO MEET SOIL CONDITIONS FOUND DURING CONSTRUCTION.

THRUST BLOCK DETAILS
NOT TO SCALE



T/W HOLDING POSITION MARKER DETAILS
NOT TO SCALE

I HEREBY CERTIFY THAT ALL WORK INDICATED ON THIS DRAWING HAS BEEN COMPLETED AS SHOWN.

SIGNED: *Richard S. Foy*
DATE: 5/8/89

"AS BUILT"

ENGINEER/ARCHITECT

NO.	DATE	BY	DESCRIPTION
1	5/8/89	R.S.F.	AS BUILT

PROJECT NO.
37716

DESIGNED BY: J.E.M.
CHECKED BY: H.W.W.
DRAWN BY: J.B.D.

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SOUTH BURLINGTON, VERMONT
RECONSTRUCT TERMINAL AIRPORT - PHASE II
MISCELLANEOUS DETAILS

DRAWING NO.
18

SHEET 18 OF 20

AIP PROJECT NO. 3-50-0005-11

