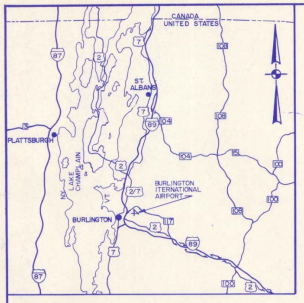
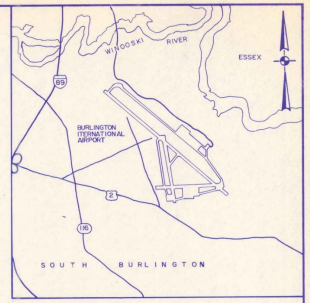


VICINITY MAP

MILE 11 0 11 22 MILES

SCALE: 1" = 11 MILES (APPROX)



LOCATION MAP

FEET 2000 0 2000 4000 FEET

SCALE: 1" = 2000'

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
S-1	Portland Cement Concrete	14,7475 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+50 to STA 17+50	12 of 20
13	Cross Sections STA 18+00 to STA 19+00	13 of 20
14	Cross Sections STA 19+50 to STA 20+50	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

RECEIVED AUG 26 1988 Planning Division

"AS BUILT"

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

SIGNED Richard S. Fye

DATE 5/9/89

CITY OF BURLINGTON, VERMONT

APPROVED _____ DIRECTOR OF AVIATION

DATE _____

APPROVED _____

DATE _____

VERMONT AGENCY OF TRANSPORTATION

APPROVED _____ SECRETARY OF TRANSPORTATION

DATE _____

NOT REQUIRED

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 _____

DESIGNERS STATEMENT REGARDING COMPLIANCE

These plans and specifications have been prepared to the best of our knowledge and belief, in accordance with current FAA Advisory Circulars as listed in AC 00-2.12, Change 1, Advisory Circular Checklist, Dated 1/1/88. Any known deviations from the FAA standards were approved by letters dated _____ and are also noted on the project engineering report and/or other official project documents.

HOYLE, TANNER & ASSOCIATES, INC.

BY: _____ DATE: _____

Registration no. _____

REV.	DESCRIPTION	DR. BY	CKD BY	APPD BY	DATE
	REVISED "AS-BUILT"	MV	GL	EL	3/89

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

CITY OF BURLINGTON, VERMONT
BURLINGTON INTERNATIONAL AIRPORT

TITLE
LOCATION AND VICINITY MAPS
INDEX TO DRAWINGS
MAJOR ITEM QUANTITIES

SCALE: AS SHOWN	PROJECT NO. 37716	DRAWING NO. 1
DATE: MARCH 1988		
DES. BY: J.E.M.	DR. BY: H.W.W.	CHKD BY: J.B.D.
SHEET OF: 1 20		

AIP PROJECT NO. 3-50-0005-11

DO NOT SCALE DRAWING

BURLINGTON-1
RECONSTRUCT APRON
TERMINAL-AC
AIP 3-50-0005-11
AIR 03-2066
1989

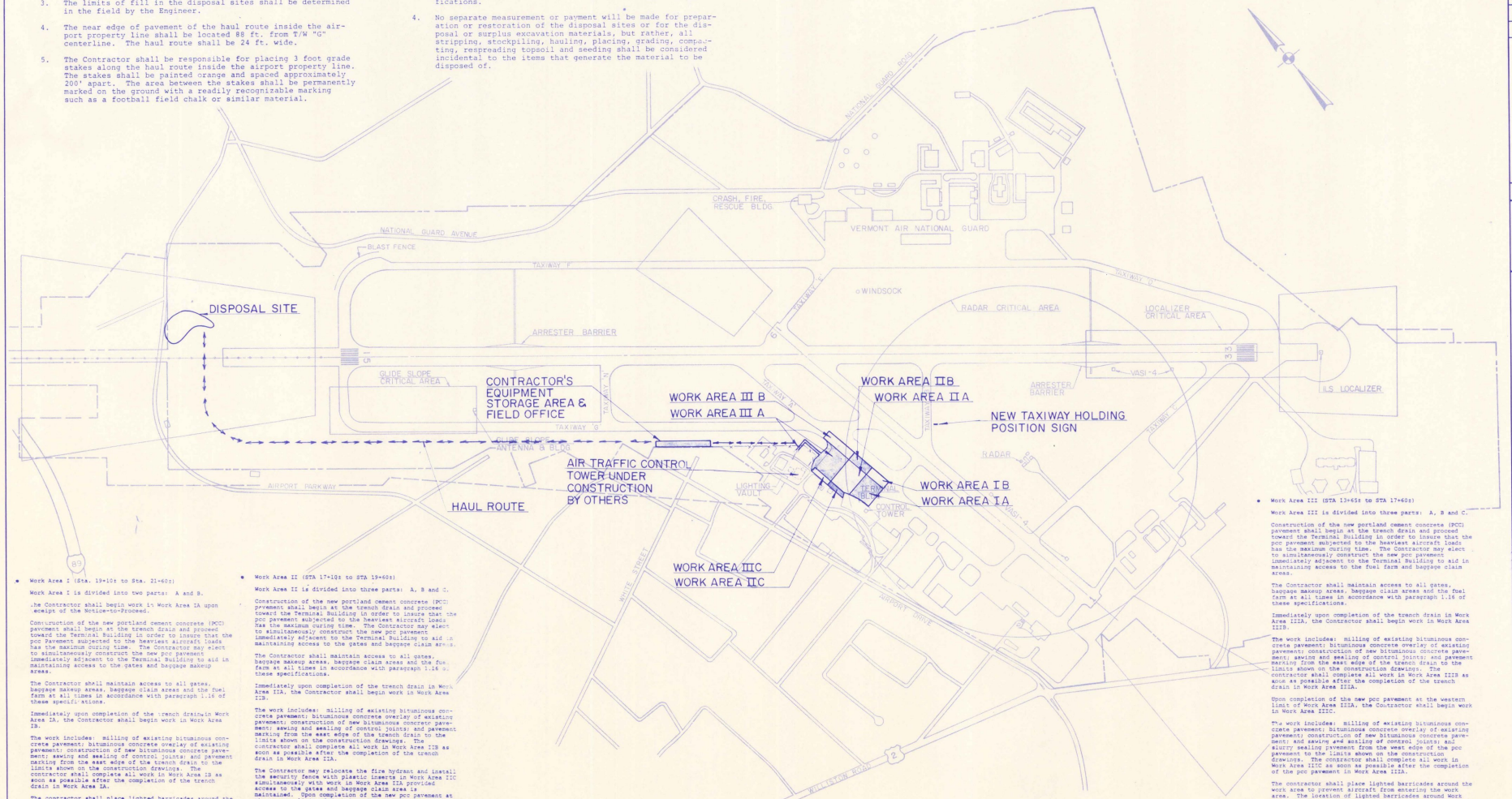
GENERAL NOTES

1. The Contractor's attention is called to Section 1 of the Technical Specifications - "Summary of Work and Special Work Requirements".
2. Areas for parking and staging are severely limited at Burlington International Airport. No employee parking will be allowed on the airport. The Contractor shall provide an adequate and safe parking area for his employees and provide transportation to and from the parking area to the work area.
3. The limits of fill in the disposal sites shall be determined in the field by the Engineer.
4. The near edge of pavement of the haul route inside the airport property line shall be located 88 ft. from T/W "G" centerline. The haul route shall be 24 ft. wide.
5. The Contractor shall be responsible for placing 3 foot grade stakes along the haul route inside the airport property line. The stakes shall be painted orange and spaced approximately 200' apart. The area between the stakes shall be permanently marked on the ground with a readily recognizable marking such as a football field chalk or similar material.

DISPOSAL SITE

1. The Contractor shall strip the topsoil from the disposal site and stockpile it for use in restoration of the site.
2. The Contractor shall place and compact surplus excavation material in accordance with Section 3 of the Technical Specifications.
3. Upon completion of the disposal operations, the Contractor shall respread the topsoil and seed and mulch the disposal site in accordance with Section 15 of the Technical Specifications.
4. No separate measurement or payment will be made for preparation or restoration of the disposal sites or for the disposal or surplus excavation materials, but rather, all stripping, stockpiling, hauling, placing, grading, compacting, respreading topsoil and seeding shall be considered incidental to the items that generate the material to be disposed of.

NOTE : ACTUAL LIMITS OF WORK AREAS VARIED FROM THOSE SHOWN ON DRAWINGS.



- Work Area I (Sta. 19+10± to Sta. 21+60±)

Work Area I is divided into two parts: A and B.

The Contractor shall begin work in Work Area IA upon receipt of the Notice-to-Proceed.

Construction of the new portland cement concrete (PCC) pavement shall begin at the trench drain and proceed toward the Terminal Building in order to insure that the pcc Pavement subjected to the heaviest aircraft loads has the maximum curing time. The Contractor may elect to simultaneously construct the new pcc pavement immediately adjacent to the Terminal Building to aid in maintaining access to the gates and baggage makeup areas.

The Contractor shall maintain access to all gates, baggage makeup areas, baggage claim areas and the fuel farm at all times in accordance with paragraph 1.16 of these specifications.

Immediately upon completion of the trench drain in Work Area IA, the Contractor shall begin work in Work Area IB.

The work includes: milling of existing bituminous concrete pavement; bituminous concrete overlay of existing pavement; construction of new bituminous concrete pavement; sawing and sealing of control joints; and pavement marking from the east edge of the trench drain to the limits shown on the construction drawings. The contractor shall complete all work in Work Area IB as soon as possible after the completion of the trench drain in Work Area IA.

The contractor shall place lighted barricades around the work area to prevent aircraft from entering the work area. The location of lighted barricades around Work Area IIA is shown on the Contract Drawings. The location of the lighted barricades around Work Area IIB will vary based upon the work the Contractor is performing. The location of the barricades will be determined by the Engineer and the Airport Operations Coordinator based upon the schedule submitted by the Contractor.

All work in Work Areas IA and IB shall be completed within 60 calendar day of the Notice-to-Proceed. The work will not be considered complete until all pavements are properly cured and have attained the required minimum strength, all joints are sealed, and Work Area I is open to aircraft.

The Contractor shall complete all work in Work Area I before beginning work in Work Area II. Upon completion of Work Area I the Contractor will be issued a Notice-to-Proceed for Work Area II.

- Work Area II (STA 17+10± to STA 19+60±)

Work Area II is divided into three parts: A, B and C.

Construction of the new portland cement concrete (PCC) pavement shall begin at the trench drain and proceed toward the Terminal Building in order to insure that the pcc pavement subjected to the heaviest aircraft loads has the maximum curing time. The Contractor may elect to simultaneously construct the new pcc pavement immediately adjacent to the Terminal Building to aid in maintaining access to the gates and baggage claim areas.

The Contractor shall maintain access to all gates, baggage makeup areas, baggage claim areas and the fuel farm at all times in accordance with paragraph 1.16 of these specifications.

Immediately upon completion of the trench drain in Work Area IIA, the Contractor shall begin work in Work Area IIB.

The work includes: milling of existing bituminous concrete pavement; bituminous concrete overlay of existing pavement; construction of new bituminous concrete pavement; sawing and sealing of control joints; and pavement marking from the east edge of the trench drain to the limits shown on the construction drawings. The contractor shall complete all work in Work Area IIB as soon as possible after the completion of the trench drain in Work Area IIA.

The Contractor may relocate the fire hydrant and install the security fence with plastic inserts in Work Area IIC simultaneously with work in Work Area IIA provided access to the gates and baggage claim area is maintained. Upon completion of the new pcc pavement at the western limit of Work Area IIA, the Contractor shall begin work in Work Area IIC.

The work includes: milling of existing bituminous concrete pavement; bituminous concrete overlay of existing pavement; construction of new bituminous concrete pavement; and sawing and sealing of control joints; and slurry sealing pavement from the west edge of the pcc pavement to the limits shown on the construction drawings. The contractor shall complete all work in Work Area IIC as soon as possible after the completion of the pcc pavement in Work Area IIA.

The contractor shall place lighted barricades around the work area to prevent aircraft from entering the work area. The location of lighted barricades around Work Area IIA is shown on the Contract Drawings. The location of the lighted barricades around Work Areas IIB and IIC will vary based upon the work the Contractor is performing. The location of the barricades will be determined by the Engineer and the Airport Operations Coordinator based upon the schedule submitted by the Contractor.

All work in Work Areas IIA, IIB, and IIC shall be completed within 60 calendar day of the Notice-to-Proceed. The work will not be considered complete until all pavements are properly cured and have attained the required minimum strength, all joints are sealed, and Work Area II is open to aircraft. Slurry sealing of the bituminous concrete in Work Area IIC may be accomplished in conjunction with the slurry sealing in Work Area IIIC.

The Contractor shall complete all work in Work Area II before beginning work in Work Area III. Upon completion of Work Area II the Contractor will be issued a Notice-to-Proceed for Work Area III.

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

SIGNED Richard A. Fiske

DATE 5/18/87

"AS BUILT"

- Work Area III (STA 13+65± to STA 17+60±)

Work Area III is divided into three parts: A, B and C.

Construction of the new portland cement concrete (PCC) pavement shall begin at the trench drain and proceed toward the Terminal Building in order to insure that the pcc pavement subjected to the heaviest aircraft loads has the maximum curing time. The Contractor may elect to simultaneously construct the new pcc pavement immediately adjacent to the Terminal Building to aid in maintaining access to the fuel farm and baggage claim areas.

The Contractor shall maintain access to all gates, baggage makeup areas, baggage claim areas and the fuel farm at all times in accordance with paragraph 1.16 of these specifications.

Immediately upon completion of the trench drain in Work Area IIIA, the Contractor shall begin work in Work Area IIIB.

The work includes: milling of existing bituminous concrete pavement; bituminous concrete overlay of existing pavement; construction of new bituminous concrete pavement; sawing and sealing of control joints; and pavement marking from the east edge of the trench drain to the limits shown on the construction drawings. The contractor shall complete all work in Work Area IIIB as soon as possible after the completion of the trench drain in Work Area IIIA.

Upon completion of the new pcc pavement at the western limit of Work Area IIIA, the Contractor shall begin work in Work Area IIIC.

The work includes: milling of existing bituminous concrete pavement; bituminous concrete overlay of existing pavement; construction of new bituminous concrete pavement; and sawing and sealing of control joints; and slurry sealing pavement from the west edge of the pcc pavement to the limits shown on the construction drawings. The contractor shall complete all work in Work Area IIIC as soon as possible after the completion of the pcc pavement in Work Area IIIA.

The contractor shall place lighted barricades around the work area to prevent aircraft from entering the work area. The location of lighted barricades around Work Area IIIA is shown on the Contract Drawings. The location of the lighted barricades around Work Areas IIIB and IIIC will vary based upon the work the Contractor is performing. The location of the barricades will be determined by the Engineer and the Airport Operations Coordinator based upon the schedule submitted by the Contractor.

All work in Work Areas IIIA, IIIB, and IIIC shall be completed within 60 calendar day of the Notice-to-Proceed. The work will not be considered complete until all pavements are properly cured and have attained the required minimum strength, all joints are sealed, and Work Area III is open to aircraft. Slurry sealing of the bituminous concrete in Work Area IIIC will be accomplished in conjunction with the slurry sealing in Work Area IIC in order to maintain access to the fuel farm and baggage claim area.

All work in Work Area I, II, and III shall be completed within 180 calendar days of the initial Notice-to-Proceed.

ENGINEER/ARCHITECT

REV	DESCRIPTION	BY	CHKD. BY/PD	DATE
	REVISED AS-BUILT	MN	SL	5/87

PROJECT NO. 37716

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

SCALE: 1"=400' | DATE: MARCH 1988 | DES. BY JEM. | DR. BY HWW. | CHKD. BY JBD.

DO NOT SCALE DRAWING

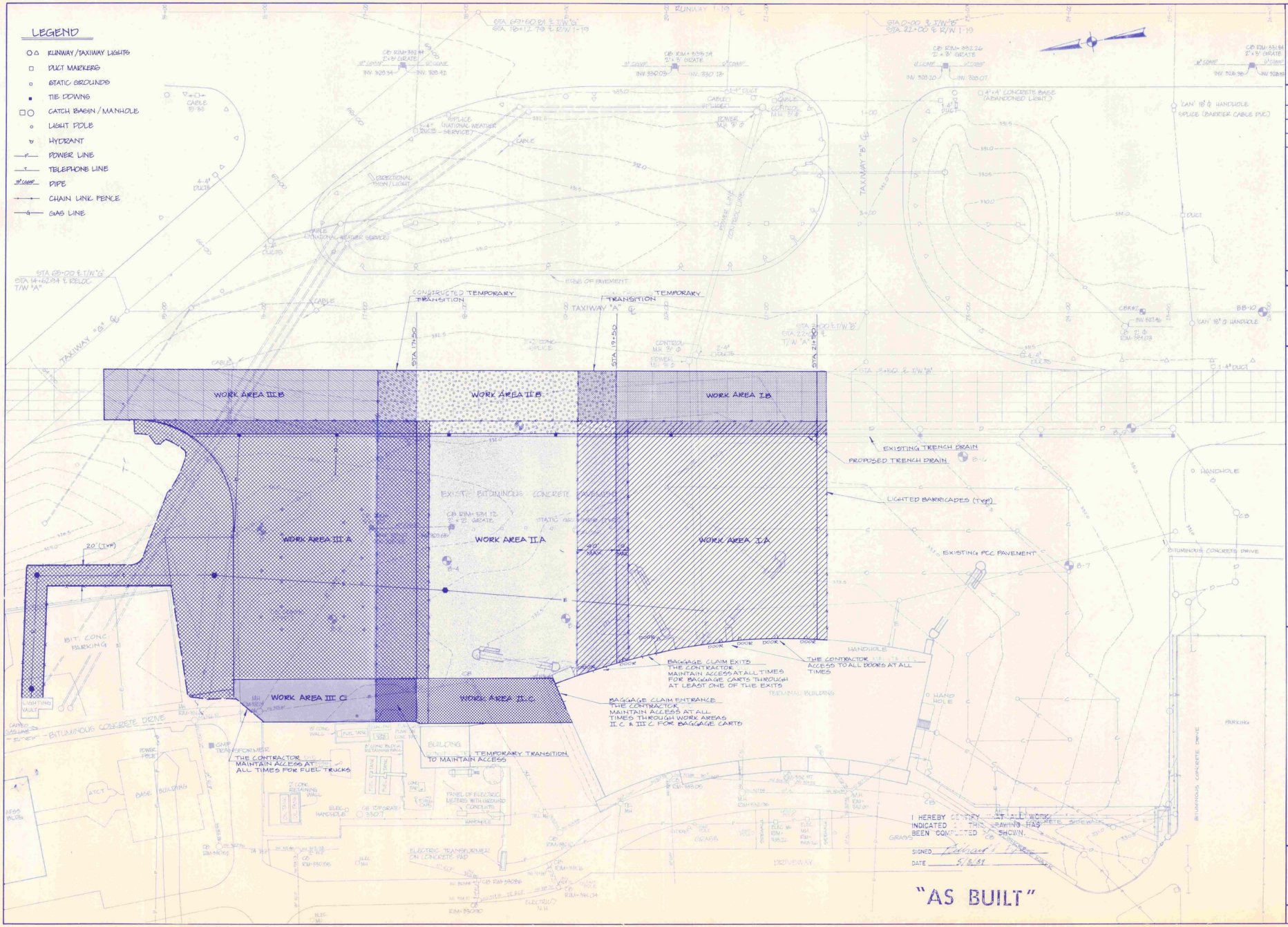
BURLINGTON INTERNATIONAL AIRPORT
SOUTH BURLINGTON, VERMONT
RECONSTRUCT TERMINAL APRON-PHASE II

GENERAL PLAN

DRAWING NO. 2

SHEET 2 OF 20

AIP PROJECT NO. 3-50-0005-11



ENGINEER/ARCHITECT

REVI	DESCRIPTION	DR. BY	CHKD./APPD. BY	DATE
	REVISED AS-BUILT	MN	RC	7/5/89

PROJECT NO. 37716

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

SCALE: 1" = 40' | DATE: MARCH 1988 | DES. BY J.E.M. | DR. BY H.W.W. | CHKD. BY J.B.D.

DO NOT SCALE DRAWING

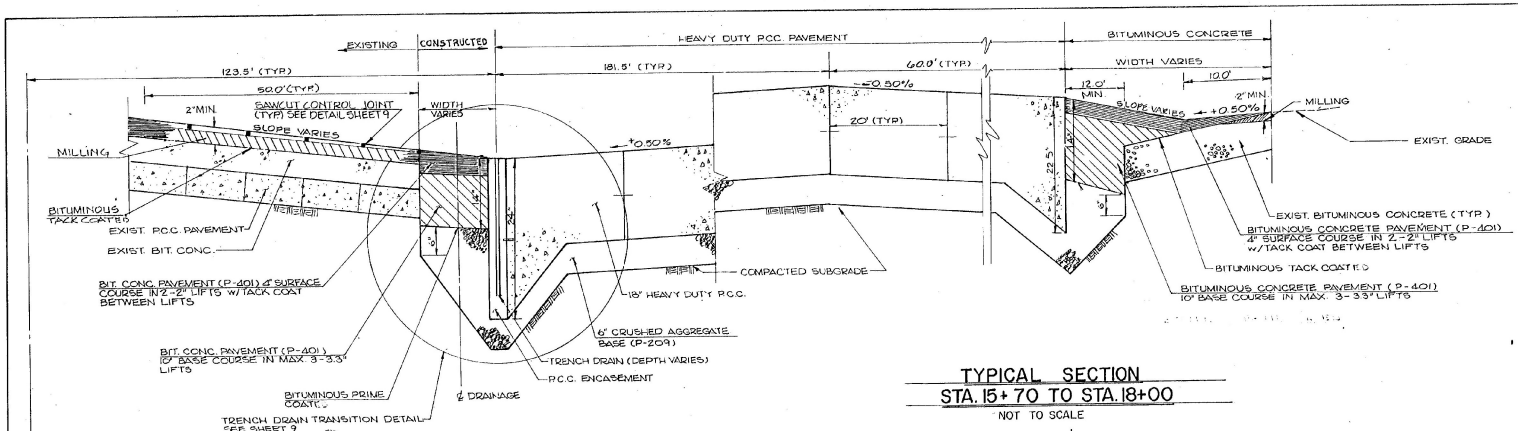
BURLINGTON INTERNATIONAL AIRPORT
SOUTH BURLINGTON, VERMONT
RECONSTRUCT TERMINAL APRON - PHASE II

CONSTRUCTION PHASING PLAN

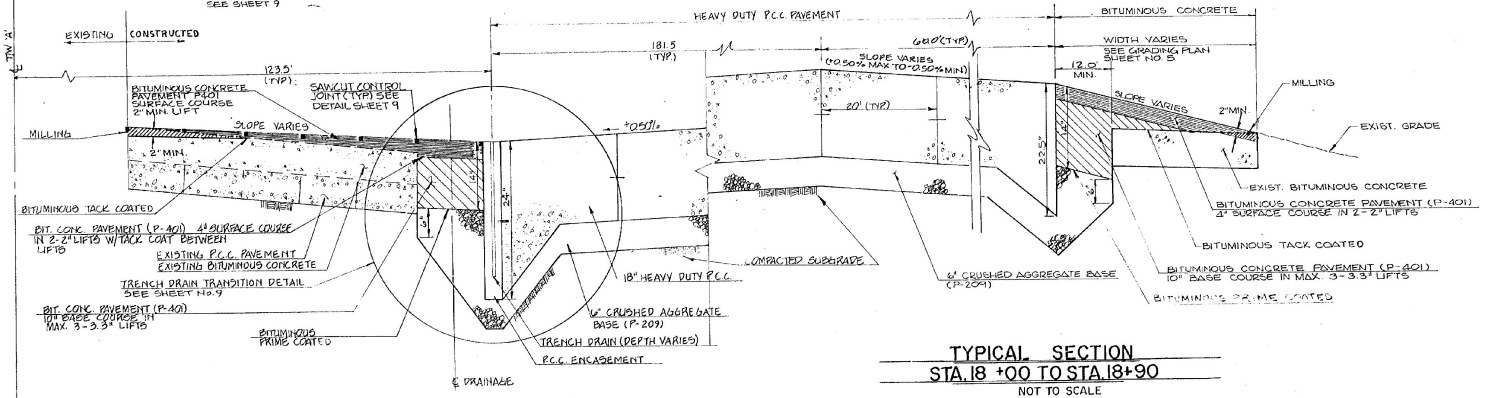
DRAWING NO. 3

SHEET 3 OF 20

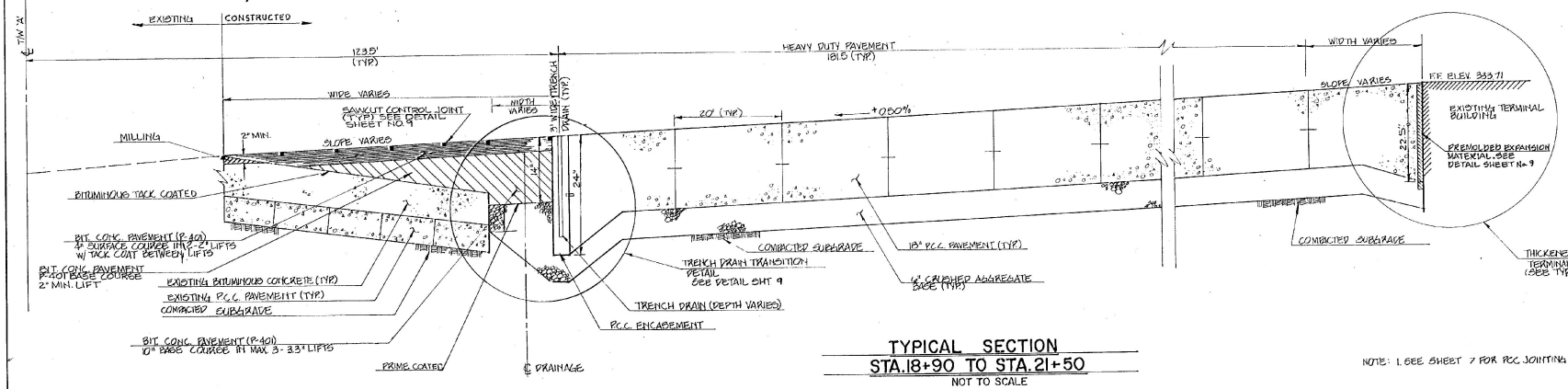
AIP PROJECT NO. 3-50-0005-11



TYPICAL SECTION
STA. 15+70 TO STA. 18+00
NOT TO SCALE



TYPICAL SECTION
STA. 18 +00 TO STA. 18+90
NOT TO SCALE



TYPICAL SECTION
STA. 18+90 TO STA. 21+50
NOT TO SCALE

NOTE: 1. SEE SHEET 7 FOR PCC JOINTING PLAN.

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

SIGNED Richard L. Fiore

DATE 5/8/09

"AS BUILT"

ENGINEER/ARCHITECT

REV.	DESCRIPTION	DR. BY	CHKD. BY	DATE
	REVISED "AS-BUILT"	W.L.	D.L.	5/8/09

PROJECT NO. 3771.6

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

SCALE AS SHOWN | DATE MARCH 1988 | DES. BY M.V. | DR. BY B.C.W. | CHKD BY J.B.D.

DO NOT SCALE DRAWING

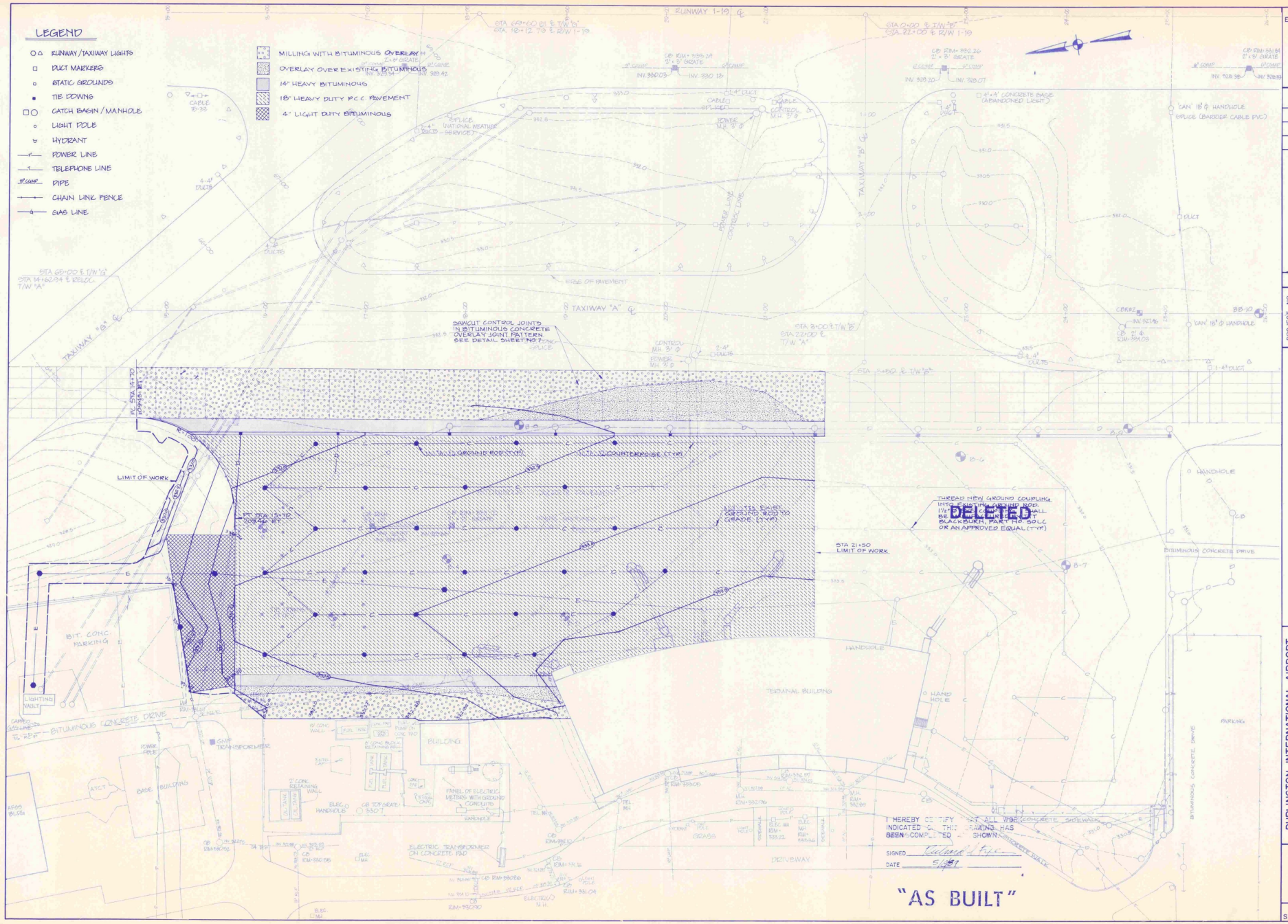
BURLINGTON INTERNATIONAL AIRPORT
SOUTH BURLINGTON, VERMONT
RECONSTRUCT TERMINAL APRON-PHASE II

TYPICAL SECTIONS

DRAWING NO. 4

SHEET 4 OF 20

AIP PROJECT NO. 3-50-0005-11



ENGINEER/ARCHITECT

REV	DESCRIPTION	DR. BY	CHKD. BY	APPD. BY	DATE
	REVISED AS-BUILT	MJV	BL	BL	3/89

PROJECT NO. 3776

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

SCALE 1" = 40' | DATE MARCH 1988 | DES. BY J.E.M. | DR. BY H.W.W. | CHKD. BY J.B.D.

DO NOT SCALE DRAWING

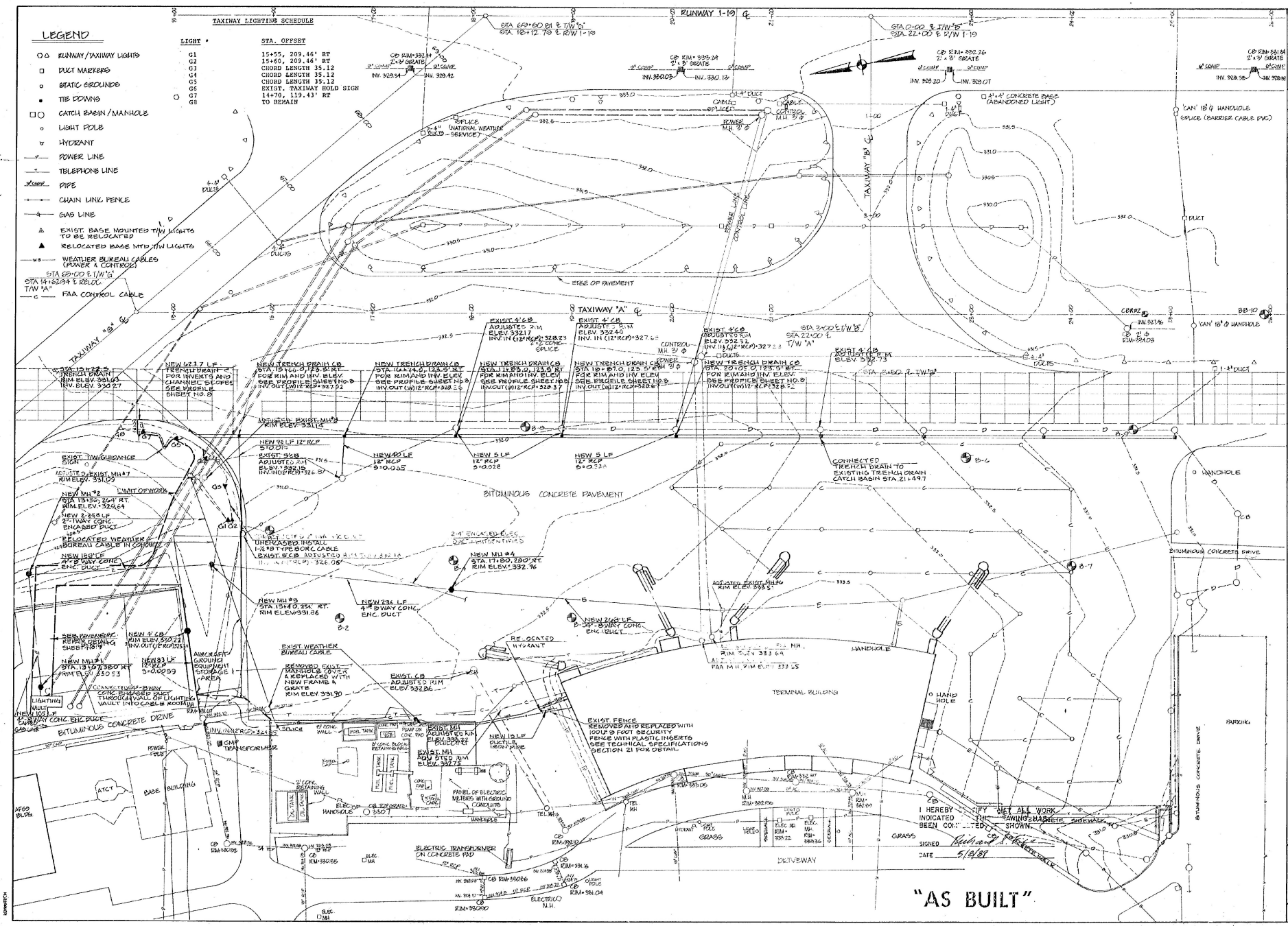
BURLINGTON INTERNATIONAL AIRPORT
SOUTH BURLINGTON, VERMONT
RECONSTRUCT TERMINAL APRON - PHASE II

GRADING PLAN

DRAWING NO. 5

SHEET 5 OF 20

AIP PROJECT NO. 3-50-0005-11



ENGINEER/ARCHITECT

REV	DESCRIPTION	DR. CHECKED BY	DATE
	REVISED "AS-BUILT"	M.V. G.L. D.L.	3-89

PROJECT NO. 3771G

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

SCALE: 1" = 40' | DATE: MARCH 1988 | DES. BY J.E.M. | DR. BY H.W.M. | CHKD. BY J.E.D.

BURLINGTON INTERNATIONAL AIRPORT
SOUTH BURLINGTON, VERMONT
RECONSTRUCT TERMINAL APRON-PHASE II

DRAWING AND ELECTRICAL PLAN

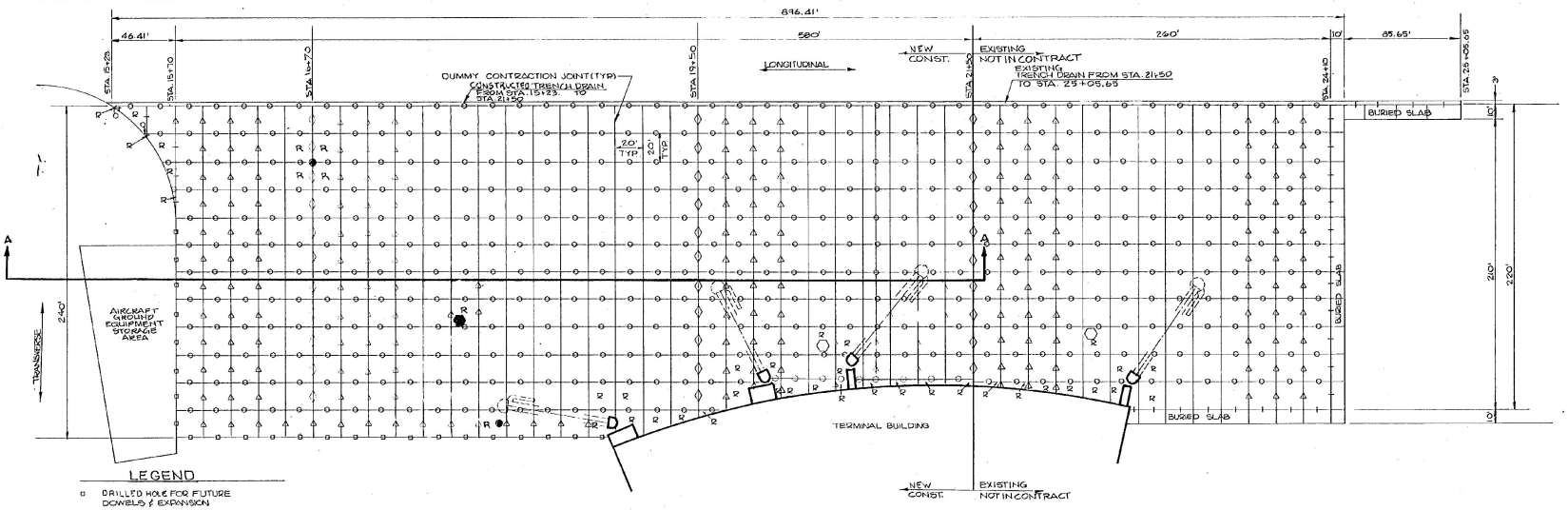
DRAWING NO. 6

SHEET 6 OF 20

I HEREBY CERTIFY THAT ALL WORK INDICATED AS BEING CONSTRUCTED HAS BEEN CONSTRUCTED AS SHOWN.
SIGNED Richard Wright
DATE 5/2/89

DO NOT SCALE DRAWING

AIP PROJECT NO. 3-50-0005-11

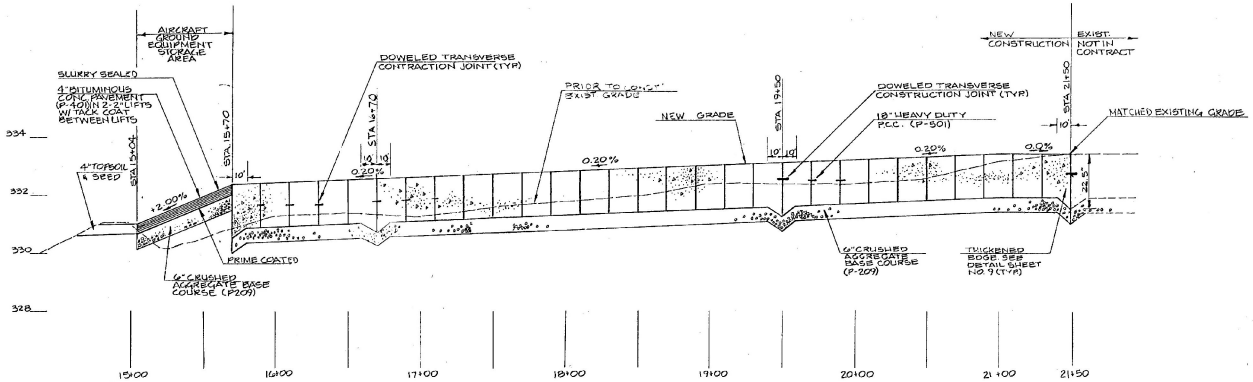


LEGEND

- □ DRILLED HOLE FOR FUTURE DOWELS & EXPANSION
- Δ DOWELED TRANSVERSE CONTRACTION JOINT 1½" ϕ SMOOTH BAR 1'-8" LONG SPACED 1'-6" %
- o DOWELED LONGITUDINAL CONSTRUCTION JOINT 1½" ϕ SMOOTH BAR 1'-8" LONG SPACED 1'-6" %
- R SLABS REQUIRING REINFORCING - REINFORCING ARE 12'x12'-D4 x D4 WWM, w/ 3" ℄ COVER, TYP.
- – 1½" DEFORMED BAR 1'-8" LONG SPACED 1'-6" %
- ◊ DOWELED TRANSVERSE CONSTRUCTION JOINT 1½" ϕ SMOOTH BAR 1'-8" LONG SPACED 1'-6" %

JOINTING PLAN

SCALE: 1" = 40'



SECTION A-A

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

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

SIGNED Richard J. Fye

DATE 5/8/89

"AS BUILT"

ENGINEER/ARCHITECT

REV.	DESCRIPTION	DR. CHKD. APP. BY	BY	DATE
	REVISED "AS-BUILT"	MV	BL	3/89

PROJECT NO. 37716

Hoyle, Tanner & Associates, Inc. HTA
Five Commerce Park North · Bedford, NH 03102 · (603) 669-5555 Companies

SCALE AS SHOWN | DATE: MARCH 1988 | DES. BY: J.E.M. | DR. BY: MWM | CHKD. BY: J.E.M.

DO NOT SCALE DRAWING

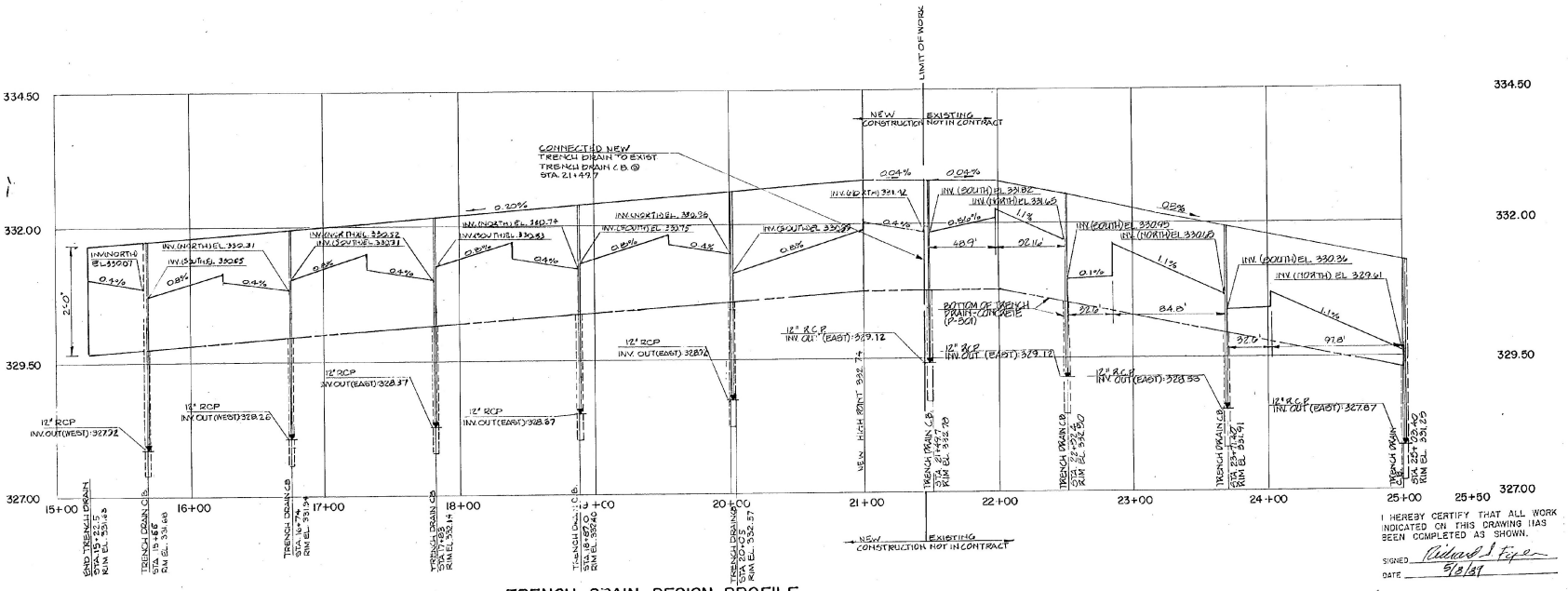
BURLINGTON INTERNATIONAL AIRPORT
SOUTH BURLINGTON, VERMONT
RECONSTRUCT TERMINAL APRON-PHASE II

JOINTING PLAN

DRAWING NO. 7

SHEET 7 OF 20

AIP PROJECT NO. 3-50-0005-11



TRENCH DRAIN DESIGN PROFILE

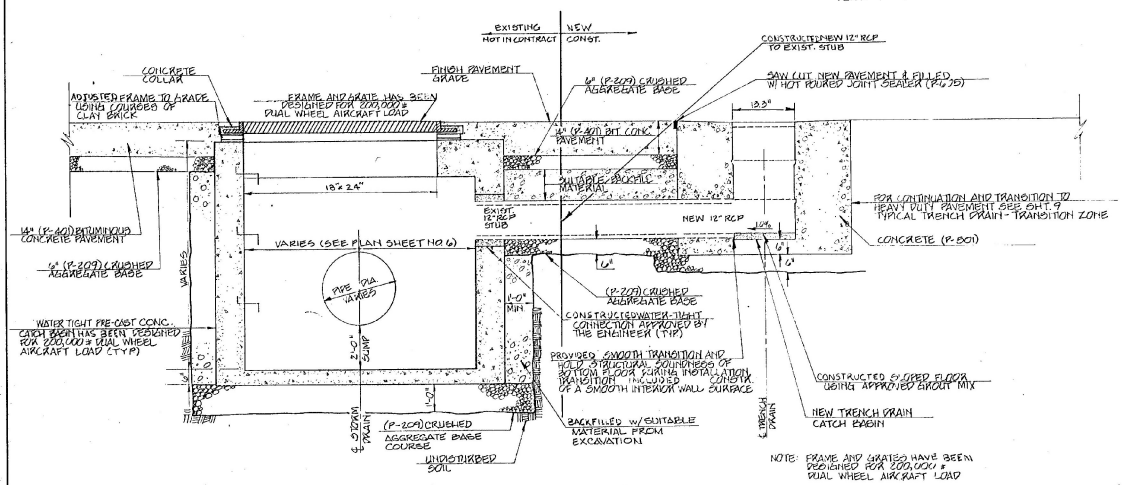
SCALE: HORIZ. 1" = 40'
VERT. 1" = 1'

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

SIGNED Richard J. Fiore

DATE 5/2/89

"AS BUILT"

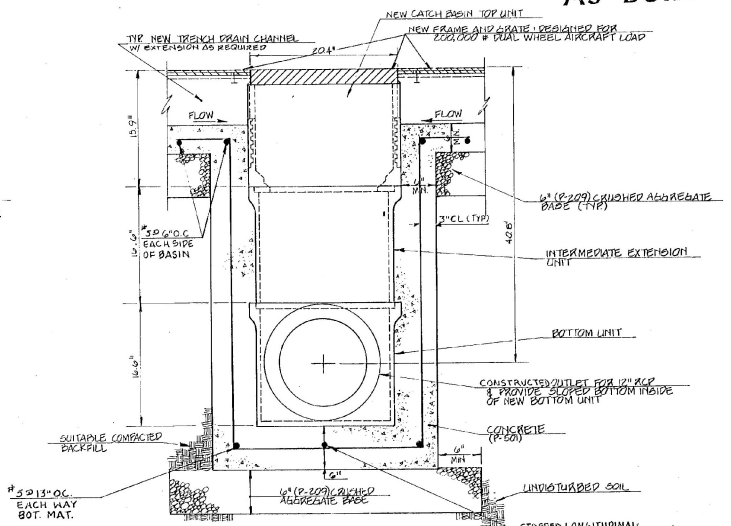


NOTE: THE CONTRACTOR SUBMITTED MANUFACTURER'S SHOP DRAWINGS INCLUDING REINFORCING DETAILS AND CERTIFICATIONS OF LOADING CAPACITY, TO ENGINEER FOR REVIEW.

TRENCH DRAIN CATCH BASIN TIE-IN TO STORM WATER MAIN DRAINAGE SYSTEM

NOT TO SCALE

NOTE: FRAME AND GRATES HAVE BEEN DESIGNED FOR 200,000 # DUAL WHEEL AIRCRAFT LOAD



TRENCH DRAIN CATCH BASIN

SIDE VIEW

NOT TO SCALE

ENGINEER/ARCHITECT

REV	DESCRIPTION	DR. CHK'D APP'D BY	DATE
	REVISED AS-BUILT	JWL BLW	5/2/89

PROJECT NO. 37716

Hoyle, Tanner & Associates, Inc. — engineers, planners, surveyors — HTA Companies
Five Commerce Park North · Bedford NH 03102 · (603) 668-5555

DES. BY M.V. | DR. BY C.B.B. | CHK'D BY J.B.L.

SCALE: AS SHOWN | DATE: MARCH 1988

DO NOT SCALE DRAWING

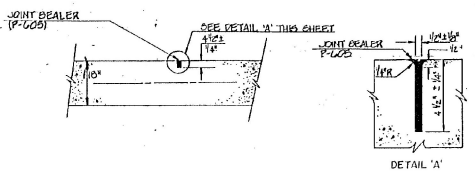
BURLINGTON INTERNATIONAL AIRPORT
SOUTH BURLINGTON, VERMONT
RECONSTRUCT TERMINAL APRON - PHASE II

TRENCH DRAIN PROFILE AND DETAILS

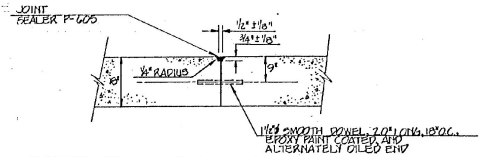
DRAWING NO. 8

SHEET 8 OF 20

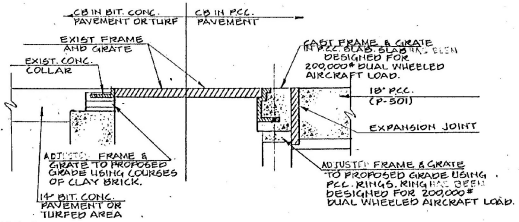
AIP PROJECT NO. 3-50-0006-11



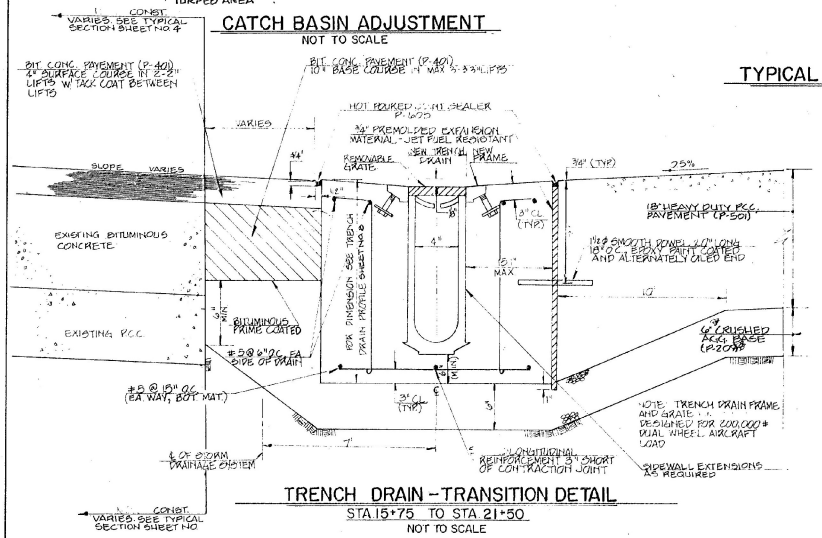
TRANSVERSE CONTRACTION JOINT
NOT TO SCALE



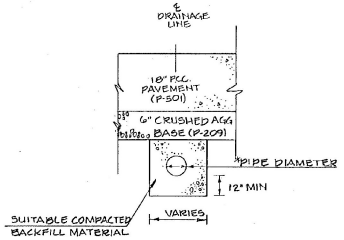
DOWELED LONGITUDINAL AND TRANSVERSE CONSTRUCTION JOINT
NOT TO SCALE



CATCH BASIN ADJUSTMENT
NOT TO SCALE

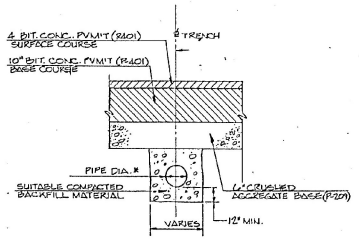


TRENCH DRAIN - TRANSITION DETAIL
STA 15+75 TO STA 21+50
NOT TO SCALE



*	PIPE DIAMETER	TRENCH WIDTH
	UP TO 12"	36"
	UP TO 24"	I.D. PLUS 24"
	OVER 24"	2 x I.D. OF PIPE

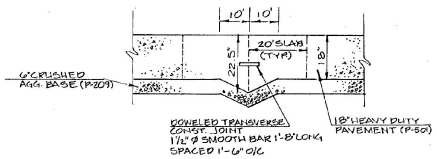
STA 15+71 TO STA 19+00



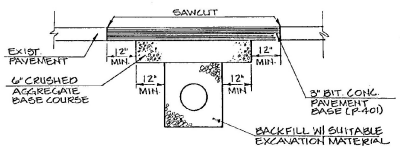
*	PIPE DIAMETER	TRENCH WIDTH
	UP TO 12"	36"
	UP TO 24"	I.D. PLUS 24"
	OVER 24"	2 x I.D. OF PIPE

STA. 19+00 TO STA. 21+50

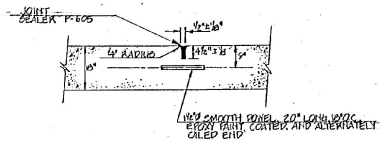
TYPICAL DRAINAGE PIPE DETAILS FOR TERMINAL APRON
NOT TO SCALE



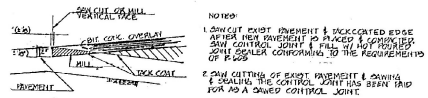
THICKENED EDGE DETAIL
STA. 17+50 AND 19+50
NOT TO SCALE



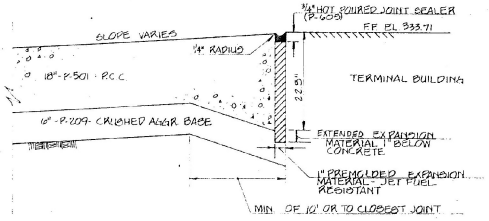
TYPICAL PAVEMENT REPAIR SECTION
NOT TO SCALE



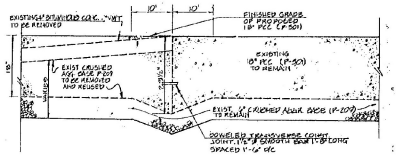
DOWELED TRANSVERSE CONTRACTION JOINT
NOT TO SCALE



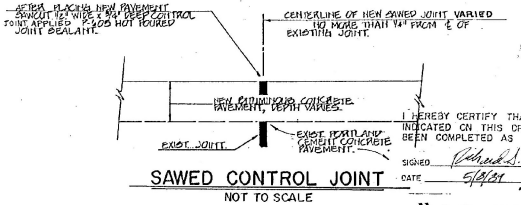
TYPICAL BUTT JOINT-EDGE OF OVERLAY
NOT TO SCALE



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

I HEREBY CERTIFY THAT ALL WORK INDICATED ON THIS DRAWING HAS BEEN COMPLETED AS SHOWN.
SIGNED Richard S. Fiyer
DATE 5/8/89

"AS BUILT"

ENGINEER/ARCHITECT

REV.	DESCRIPTION	BY	DATE
	REVISED 'AS BUILT'	MJB	3/89
		DR. BY	
		BY	

PROJECT NO 37716

Hoyle Tanner & Associates, Inc. HTA engineers & architects & planners
Pine Commerce Park North, Bedford, NH 03102 · (603) 669-5555 Companies

SCALE AS SHOWN	DATE MARCH 1988	DES. BY KJF	DR. BY CBB	CHKD BY JBD

BURLINGTON INTERNATIONAL AIRPORT
SOUTH BURLINGTON, VERMONT
RECONSTRUCT TERMINAL APRON-PHASE II

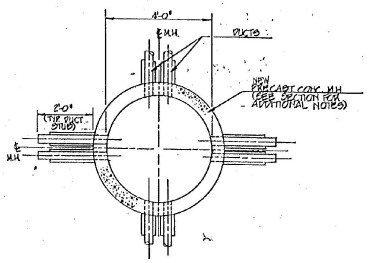
PAVEMENT & DRAINAGE DETAILS

DRAWING NO. 9

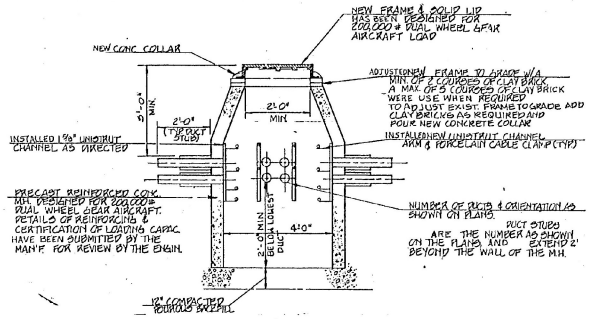
SHEET 9 OF 20

DO NOT SCALE DRAWING

AIP PROJECT NO. 3-50-0005-11



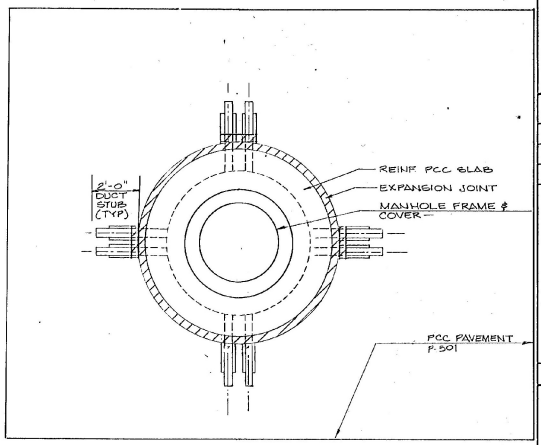
PLAN VIEW



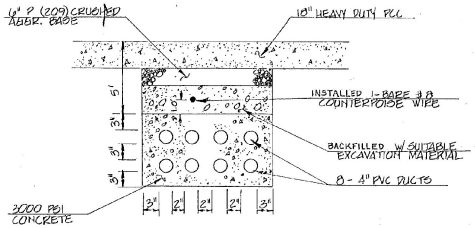
SECTION

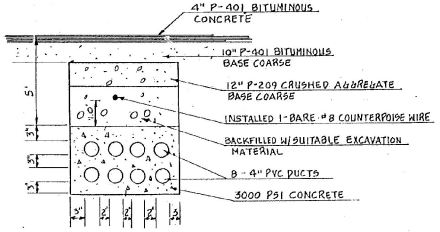
ELECTRICAL MANHOLE DETAIL #1,2,3,7,8

NOT TO SCALE



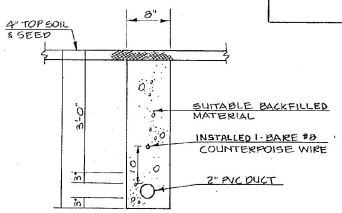
PLAN





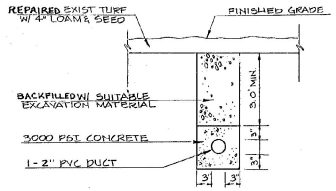
4"- 8-WAY CONCRETE ENCASED DUCTS

NOT TO SCALE



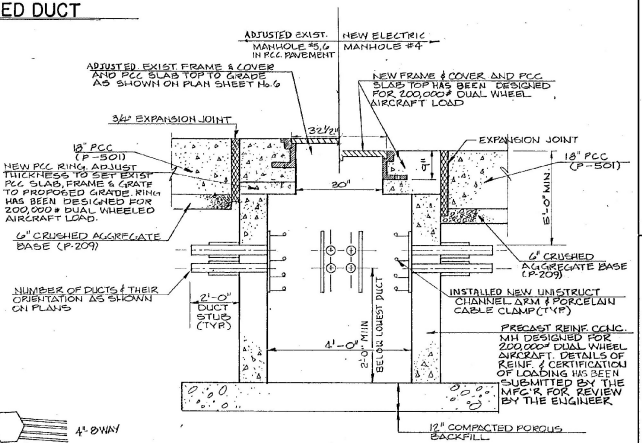
2"- 1 WAY UNENCASED DUCT

NOT TO SCALE



2"- 1 WAY CONCRETE ENCASED DUCT

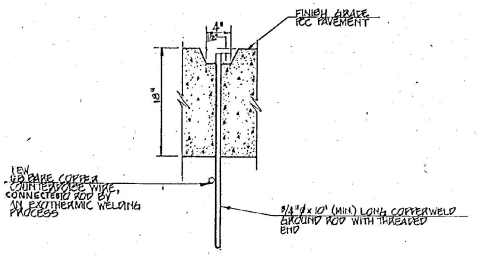
NOT TO SCALE



SECTION

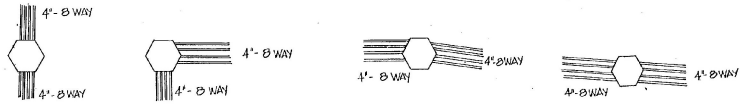
DETAIL - ELECTRICAL MANHOLES #4,5,6

NOT TO SCALE



GROUND RECEPTACLE

NOT TO SCALE



ELECTRICAL MANHOLE DUCT LAYOUT

NOT TO SCALE

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

SIGNED Richard S. Fish

DATE 9/8/21

"AS BUILT"

ENGINEER/ARCHITECT

REV	DESCRIPTION	DR. CHECKED BY	BY	DATE
	REVISED "AS-BUILT"	NV	BL	7/03

PROJECT NO. 37716

Hoyle, Tanner & Associates, Inc. HTA Companies
Five Commerce Park North · Bedford, NH 03102 · (603) 668-5555

SCALE: AS SHOWN | DATE: MARCH 1988 | DES. BY K.J.F. | DR. BY T.E.D. | CHKD. BY J.B.D.

DO NOT SCALE DRAWING

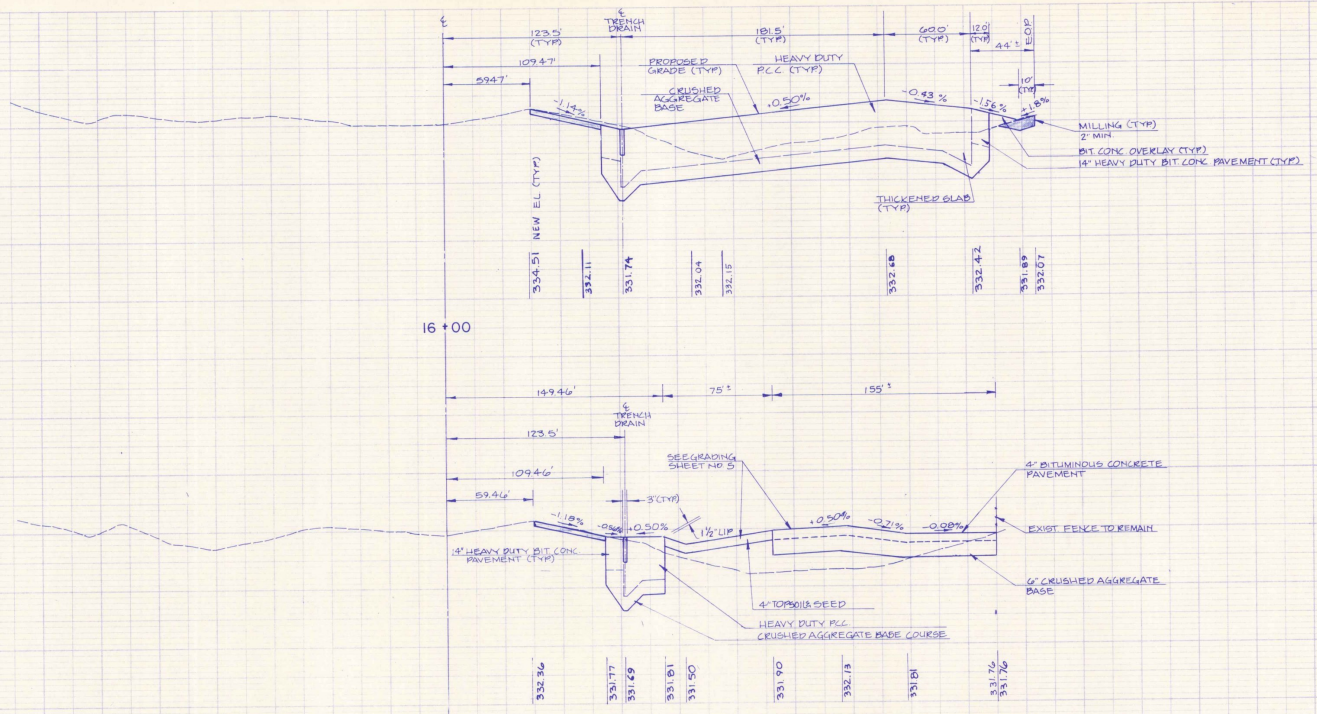
BURLINGTON INTERNATIONAL AIRPORT
SOUTH BURLINGTON, VERMONT
RECONSTRUCT TERMINAL APRON - PHASE II

ELECTRICAL DETAILS

DRAWING NO. 10

SHEET 10 OF 20

AIP PROJECT NO. 3-50-0005-11



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

SIGNED Richard L. Fife

DATE 5/3/04

"AS BUILT"

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

REV	DESCRIPTION	DR. BY	CHKD. BY	APPD. BY	DATE
	REVISED "AS-BUILT"	MV	BL	BL	7/02

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

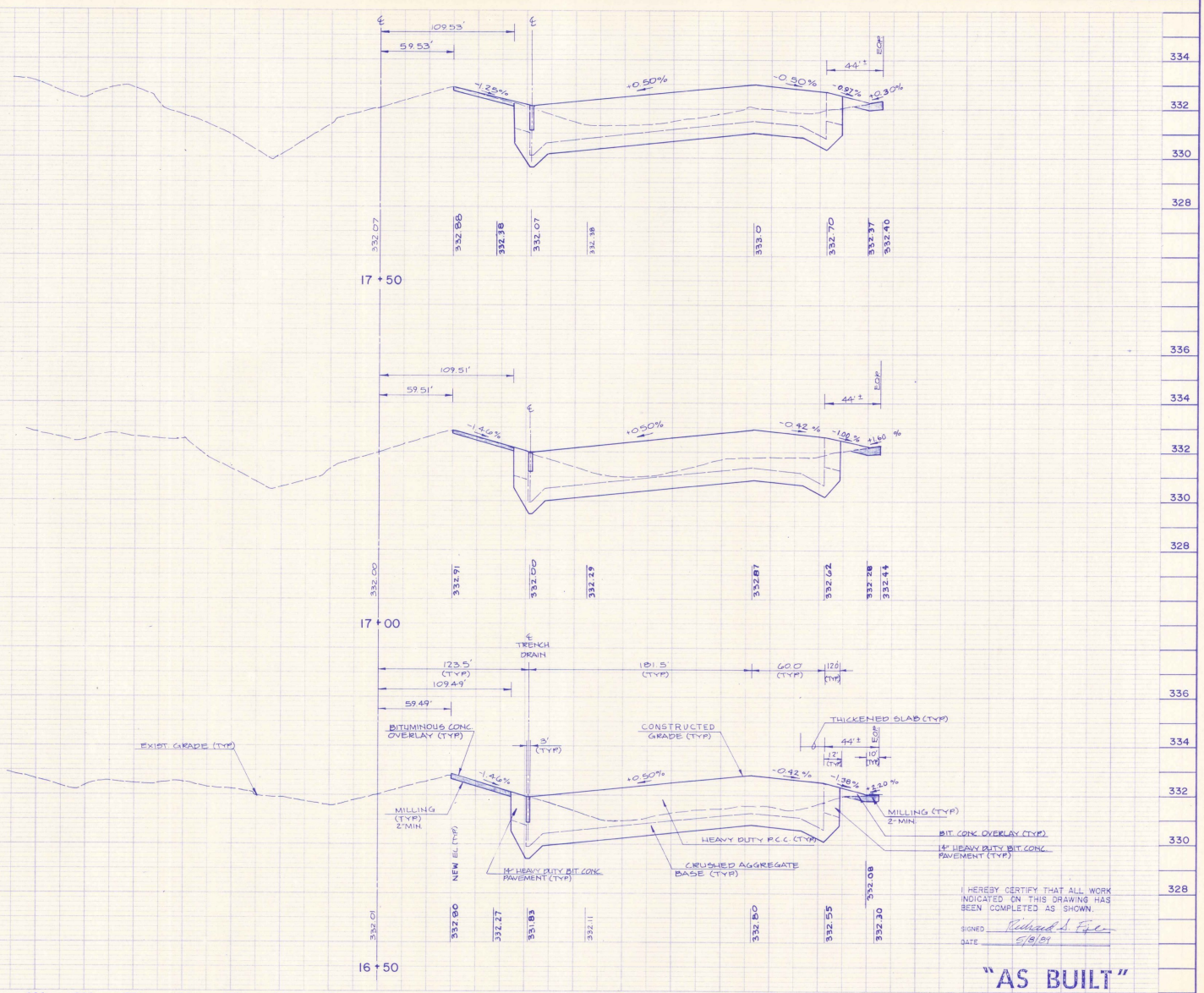
BURLINGTON INTERNATIONAL AIRPORT
RECONSTRUCT TERMINAL APRON – PHASE II

CROSS SECTIONS
STA. 15+00 TO STA. 16+00

DATE MARCH 1988
DRAWING NO. 11
SHEET NO 11 of 20

AIP PROJECT NO. 3-50-0005-11

PROPERTY OF HOYLE, TANNER & ASSOCIATES, INC.



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

SIGNED Richard S. Fyler

DATE 5/9/89

"AS BUILT"

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

REV	DESCRIPTION	DR. BY	CHKD. BY	APPD. BY	DATE
	REVISED AS-BUILT	M.V.	G.L.	J.L.	5/89

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

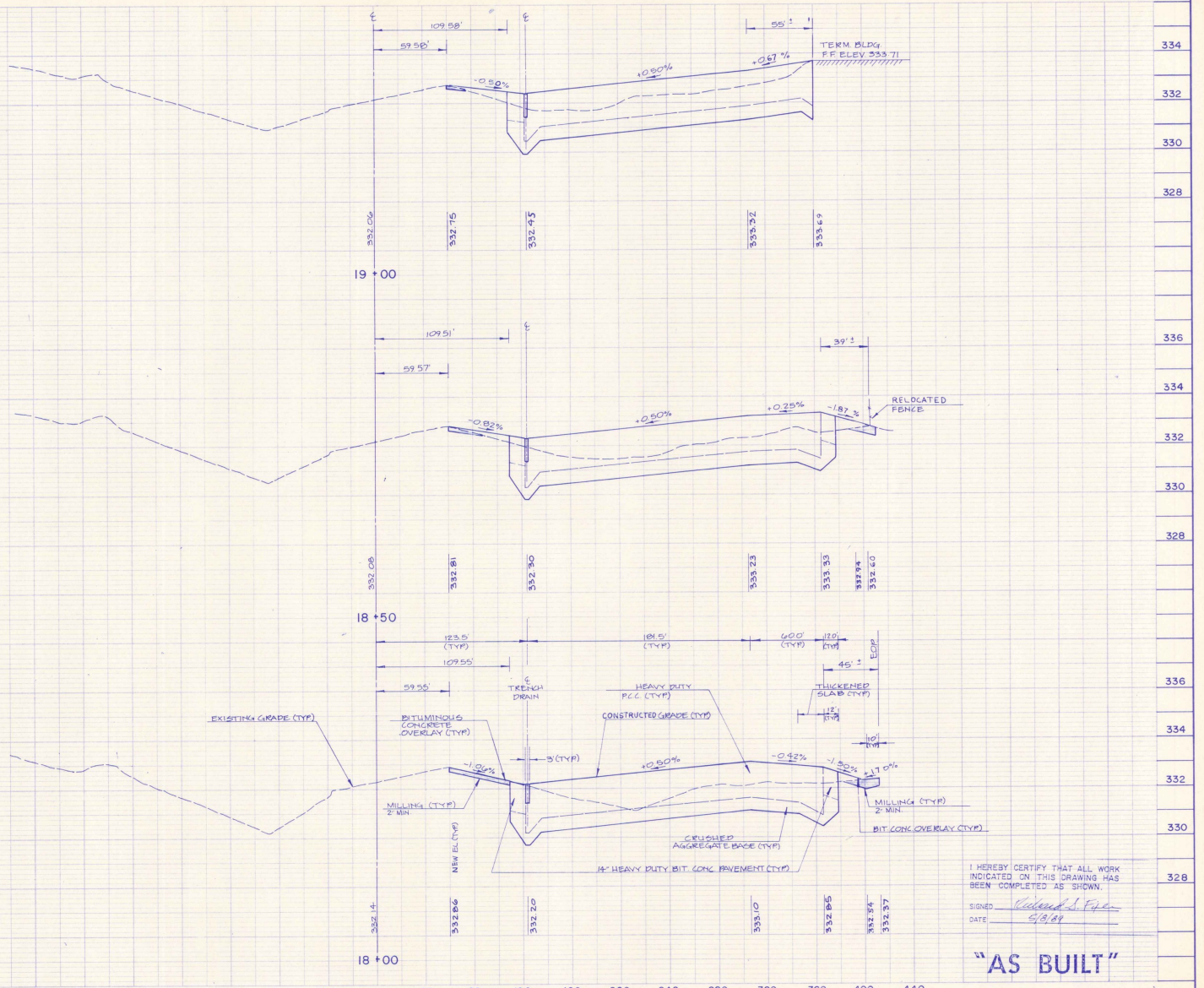
BURLINGTON INTERNATIONAL AIRPORT
RECONSTRUCT TERMINAL APRON-PHASE II

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

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

AIP PROJECT NO. 3-50-0005-11

PROPERTY OF HOYLE, TANNER & ASSOCIATES, INC.



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

SIGNED Richard S. Fyfe

DATE 5/8/89

"AS BUILT"

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

REV	DESCRIPTION	DR. BY	CHKD. BY	APPD. BY	DATE
	REVISED AS-BUILT	MV	BL	BL	5/89

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

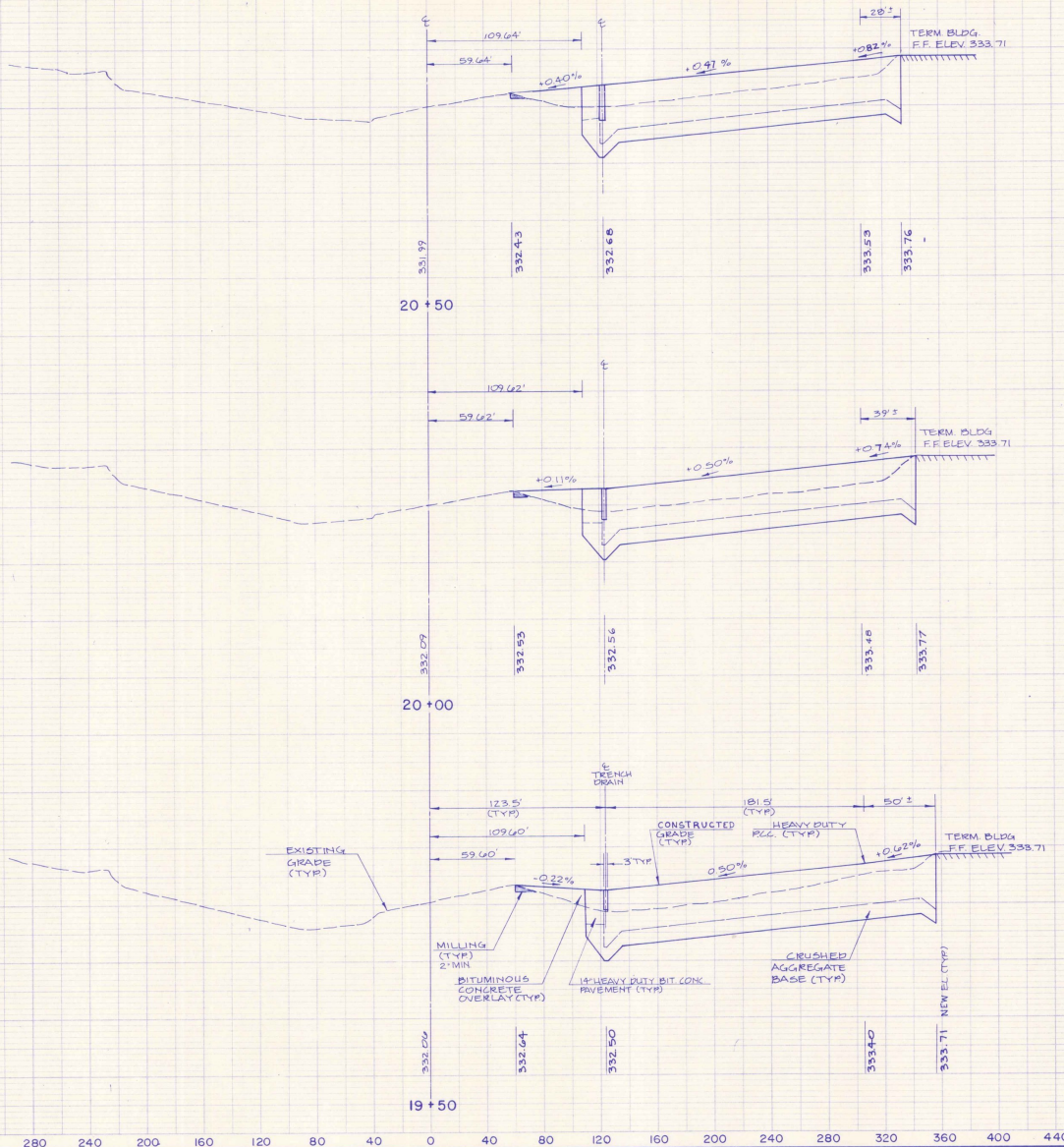
BURLINGTON INTERNATIONAL AIRPORT
RECONSTRUCT TERMINAL APRON - PHASE II

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

PROPERTY OF HOYLE, TANNER & ASSOCIATES, INC.



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

SIGNED Richard A. Fyfe

DATE 5/3/89

"AS BUILT"

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

REV	DESCRIPTION	DR BY	CHKD BY	APPD BY	DATE
	REVISED "AS BUILT"	M.V.	R.F.	R.F.	5/3/89

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

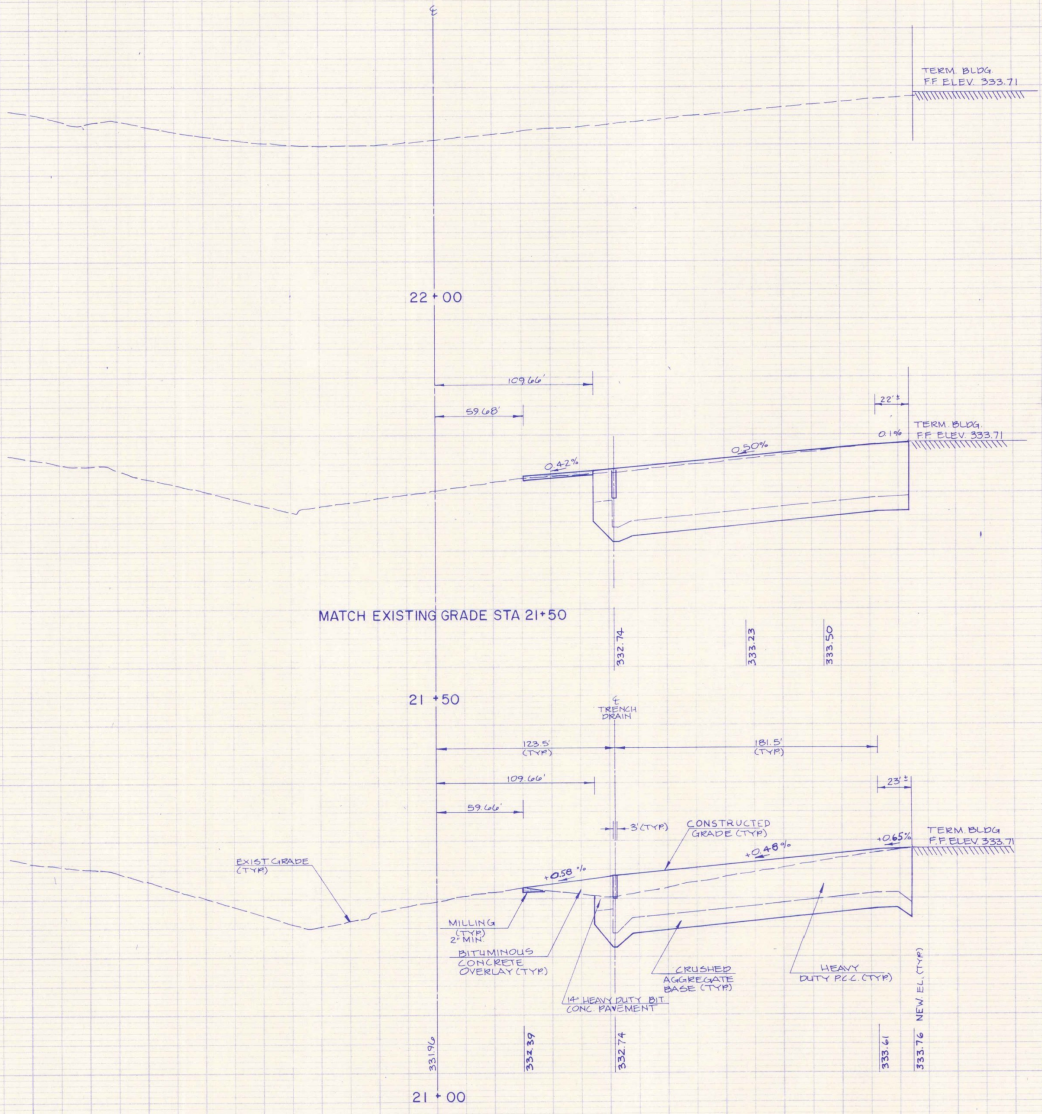
BURLINGTON INTERNATIONAL AIRPORT
RECONSTRUCT TERMINAL APRON-PHASE II

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

PROPERTY OF HOYLE, TANNER & ASSOCIATES, INC.



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

SIGNED Richard J. Fyfe

DATE 5/9/89

"AS BUILT"

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

REV.	DESCRIPTION	DR. BY	CHKD. BY	APPD. BY	DATE
	REVISED TO "AS BUILT"	M.V.	R.L.	S.L.	5/89

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

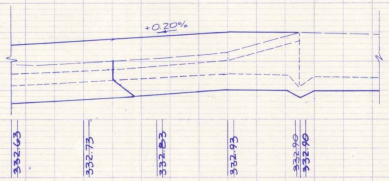
BURLINGTON INTERNATIONAL AIRPORT
RECONSTRUCT TERMINAL APRON–PHASE II

CROSS SECTIONS
STA. 21+00 TO STA. 22+00

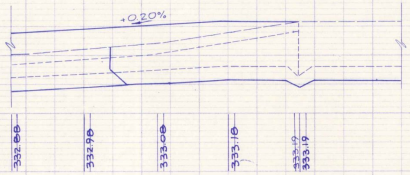
DATE MARCH 1988
DRAWING NO. 15
SHEET NO. 15 of 20

AIP PROJECT NO. 3-50-0005-11

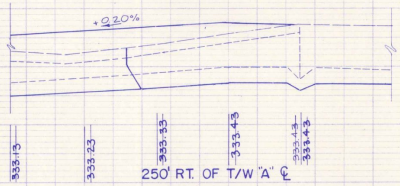
PROPERTY OF HOYLE, TANNER & ASSOCIATES, INC.



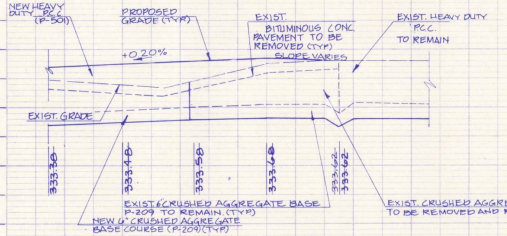
150' RT. OF T/W "A" ℄



200' RT. OF T/W "A" ℄



250' RT. OF T/W "A" ℄

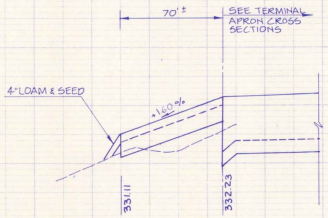


300' RT. T/W "A" ℄

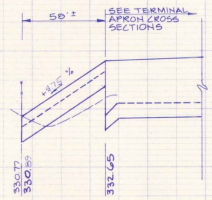
20 + 00 21 + 00 22 + 00

TERMINAL APRON PROFILES

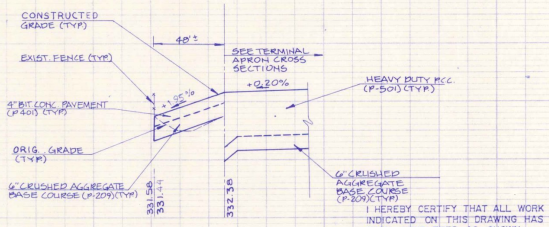
SEE APRON CROSS SECTION FOR AS-BUILT INFO.



225' RT. OF T/W "A" ℄



305' RT. OF T/W "A" ℄



365' RT. OF T/W "A" ℄

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

SIGNED Richard A. Hoyle

DATE 5/18/89

14+00 15+00 16+00

"AS BUILT"

AIRCRAFT GROUND EQUIPMENT STORAGE AREA PROFILES

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

REV	DESCRIPTION	DR. BY	CHKD. BY	APPD. BY	DATE
	REVISED "AS-BUILT"	MV	GD	GD	5/89

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

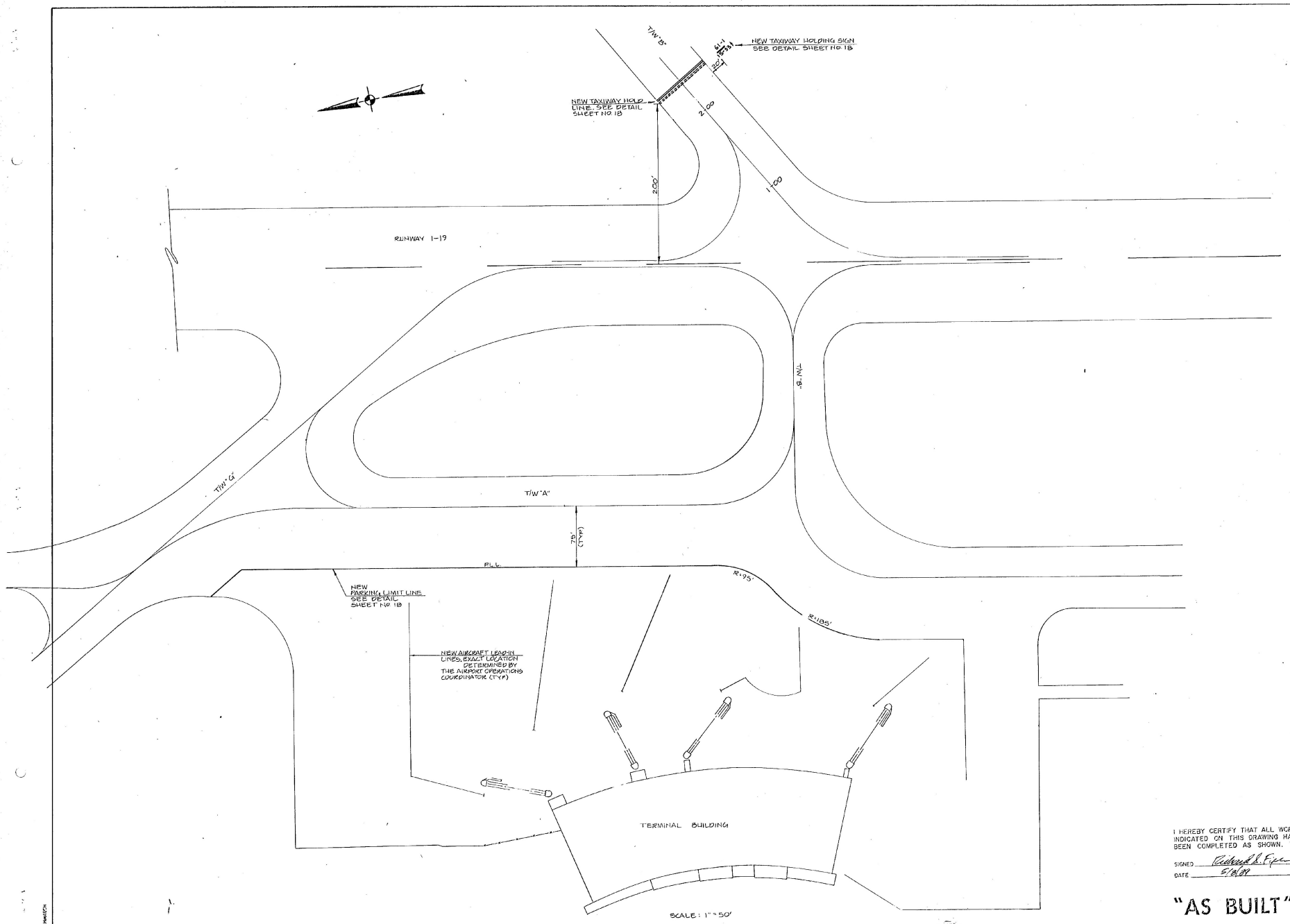
BURLINGTON INTERNATIONAL AIRPORT
RECONSTRUCT TERMINAL APRON – PHASE II

MISCELLANEOUS PROFILES

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

AIP PROJECT NO. 3-50-0005-11

REPRO TECH PF604-332 (3/81)2
PROPERTY OF HOYLE, TANNER & ASSOCIATES, INC.



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

SIGNED Richard S. Epp

DATE 5/10/89

"AS BUILT"

ENGINEER/ARCHITECT

REV	DESCRIPTION	DR	CHKD	APPD	BY	DATE
	REVISED "AS-BUILT"	MW	BL	BL	3/89	

PROJECT NO. 37716

Hoyle, Tanner & Associates, Inc. HTA Engineers, Architects, Economists Companies
Five Commerce Park North Bedford, NH 03102 (603) 668-5555

SCALE AS SHOWN | DATE: MARCH 1988 | DES. BY J.E.M. | DR. BY H.W.W. | CHKD. BY J.B.D.

DO NOT SCALE DRAWING

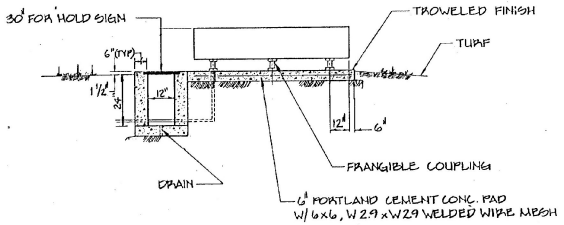
BURLINGTON INTERNATIONAL AIRPORT
SOUTH BURLINGTON, VERMONT
RECONSTRUCT TERMINAL APRON - PHASE II

PAVEMENT MARKING PLAN

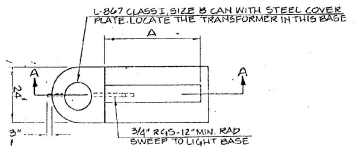
DRAWING NO. 17

SHEET 17 OF 20

AIP PROJECT NO. 3-50-0005-11



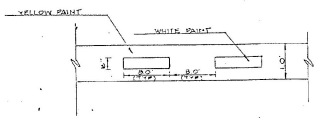
SECTION A-A



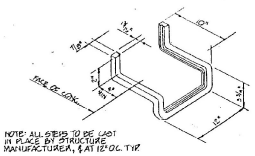
L-858 LIGHTED SIGN DETAIL
NOT TO SCALE

LOCATION	TYPE L-858R WHITE ON RED	TYPE L-858Y BLACK ON YELLOW
T/W B STA 2+40 RT	1-19	1 15-33

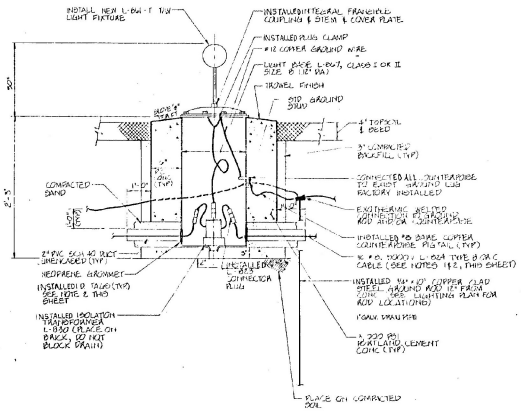
L-858 TAXIWAY HOLD SIGN SCHEDULE
NOT TO SCALE



PARKING LIMIT LINE DETAIL
NOT TO SCALE

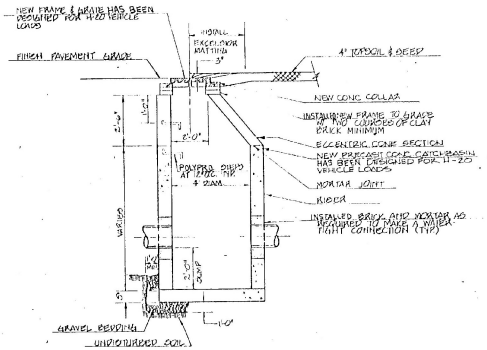


CATCH BASIN STEP
NOT TO SCALE



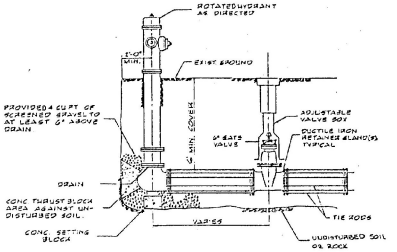
NOTES:
1. SUFFICIENT CABLE SLACK HAS BEEN LEFT IN EACH BASE TO ALLOW TRANSFORMER(S) TO BE TAKEN OUT OF BASE.
2. FOR IDENTIFICATION OF CABLES AT EACH LIGHT BASE, PLASTIC IDENTIFICATION TAGS OR BANDS HAS BEEN ATTACHED TO EACH LEAD, SHOWING THE LIGHT NUMBER TO WHICH IT EXTENDS.
3. THE CONTRACTOR HAS FURNISHED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

LIGHT BASE INSTALLATION
FAA L-867 DETAIL
NOT TO SCALE

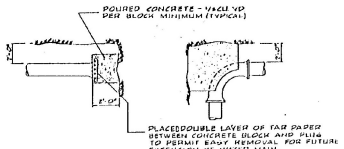


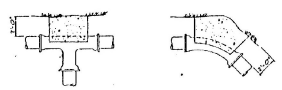
THE CONTRACTOR HAS SUBMITTED MANUFACTURER'S SHOP DRAWINGS INCLUDING REINFORCING DETAILS & CERTIFICATION OF LOADING CAPACITY, TO ENGINEER FOR REVIEW

CATCH BASIN DETAIL
NOT TO SCALE



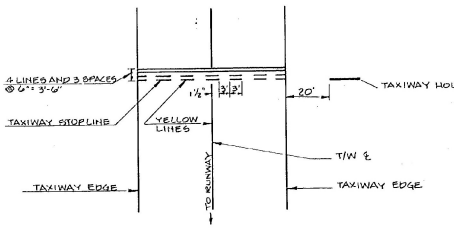
HYDRANT AND VALVE DETAIL
NOT TO SCALE





MINIMUM THRUST BLOCK BEARING AREA REQUIRED AGAINST UNDISTURBED MATERIAL (FT.²)					
PIPE SIZE	90° BEND	TEE	PLUG	45° BEND	22½° & SMALLER
8"	7	6	5	4	2
12"	15	13	11	8	4
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. Fife

DATE 5/8/89

"AS BUILT"

AIP PROJECT NO. 3-50-0005-11

ENGINEER/ARCHITECT

NO.	DESCRIPTION	DR.	CHKD APPRD	BY	DATE
	REVISED AS-BUILT	MV	GL	GL	5/8/89

PROJECT NO 37716

Hoyle, Tanner & Associates, Inc. HTA
Five Commerce Park North Bedford, NH 03102 · (603) 668-5555 Companies

SCALE AS SHOWN | DATE MARCH 1988 | DES. BY J.E.M. | DR. BY H.M.W. | CHKD BY J.E.D.

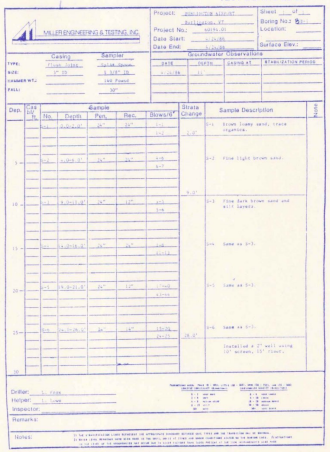
DO NOT SCALE DRAWING

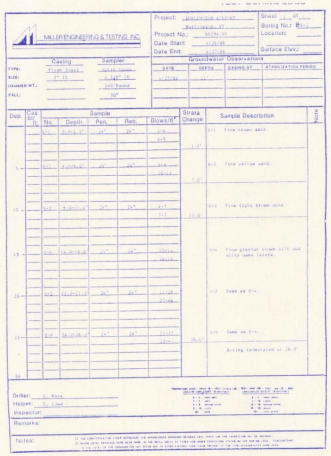
BURLINGTON INTERNATIONAL AIRPORT
SOUTH BURLINGTON, VERMONT
RECONSTRUCT TERMINAL APRON-PHASE II

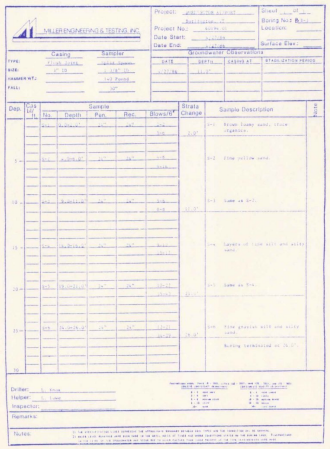
MISCELLANEOUS DETAILS

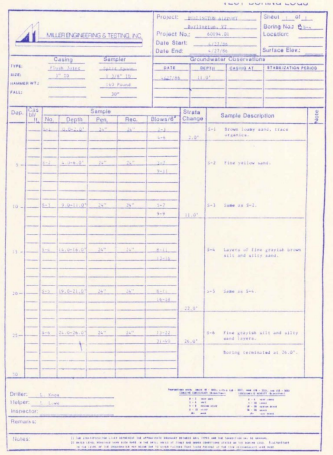
DRAWING NO. 18

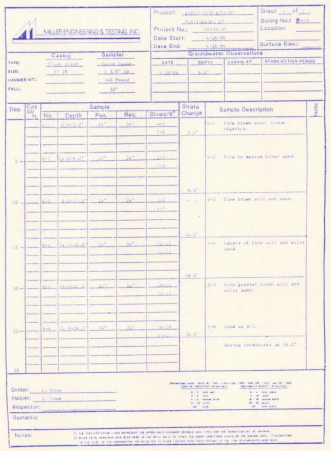
SHEET 18 OF 20

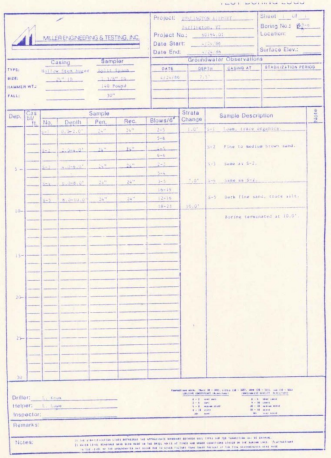


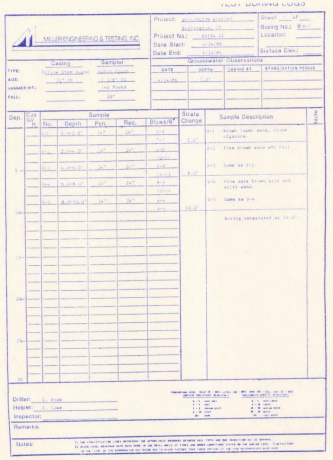












NOTE

A. GENERAL - THIS SUBSURFACE DATA IS OFFERED IN GOOD FAITH SOLELY FOR THE PURPOSE OF PLACING THE CONTRACTOR IN RECEIPT OF ALL INFORMATION AVAILABLE TO THE OWNER.

THE OWNER AND THE ENGINEER WILL NOT BE RESPONSIBLE FOR ANY INTERPRETATIONS OR CONCLUSIONS DRAWN FROM THIS DATA BY THE CONTRACTOR.

B. BORING LOGS - A COPY OF THE BORING LOGS IS INCLUDED IN THE CONTRACT DRAWINGS FOR THE CONTRACTOR'S INFORMATION.

THE LOGS SHOW THE TYPE OF MATERIAL FOUND AT THE EXACT LOCATION TAKEN AND DO NOT NECESSARILY INDICATE THE TYPE OF SOIL ELSEWHERE WITHIN THE PROJECT SITE.

THE LOCATIONS OF EACH BORING IS SHOWN ON THE CONTRACT DRAWINGS.

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

SIGNED Richard E. Fye

DATE 5/8/89

"AS BUILT"

ENGINEER/ARCHITECT

NO.	DESCRIPTION	BY	APP'D	DATE
1	ELECTRICAL	ER		5/89

PROJECT NO. 37716

REV

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

SCALE NONE | DATE MARCH 1988 | DES. BY KJF | DR. BY CBB | CHKD. BY JBD

DO NOT SCALE DRAWING

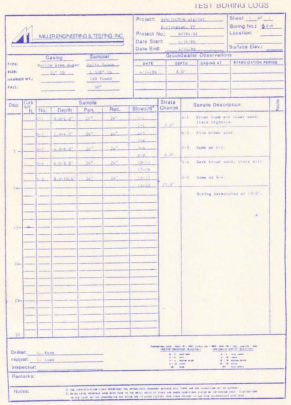
BURLINGTON INTERNATIONAL AIRPORT
SOUTH BURLINGTON, VERMONT
RECONSTRUCT TERMINAL APRON - PHASE II

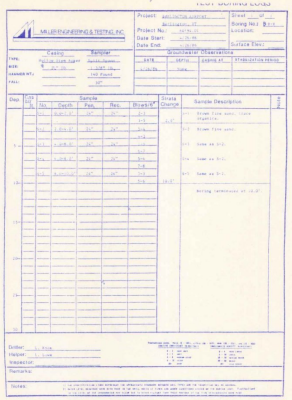
BORING LOGS

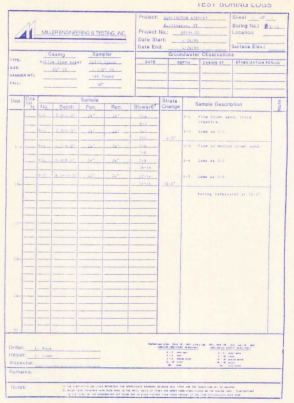
DRAWING NO. 19

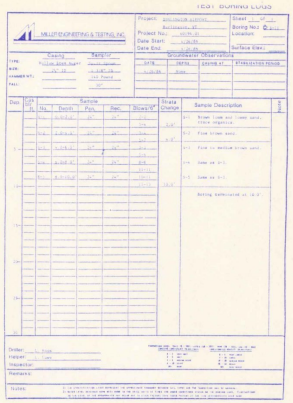
SHEET 19 OF 20

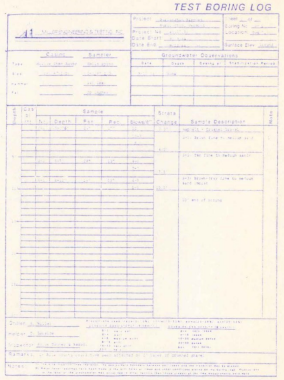
AIP PROJECT NO. 3-50-0005-11

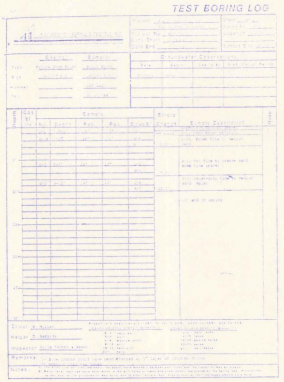


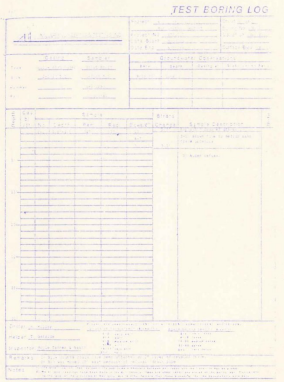


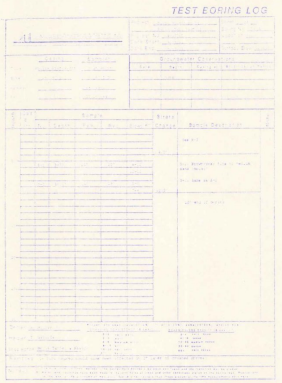


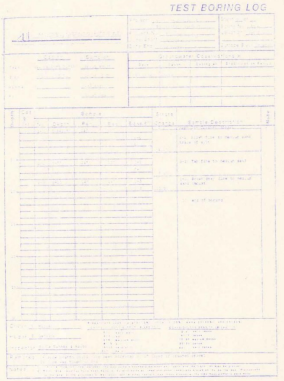


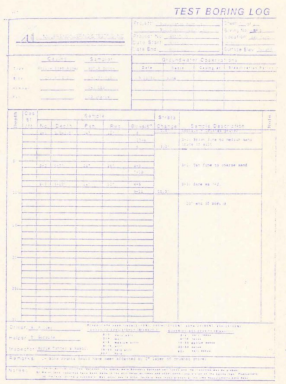


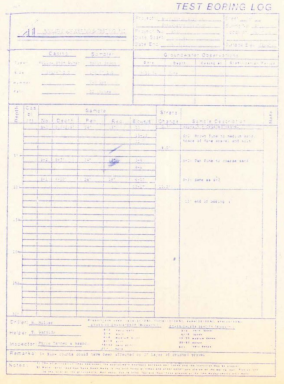


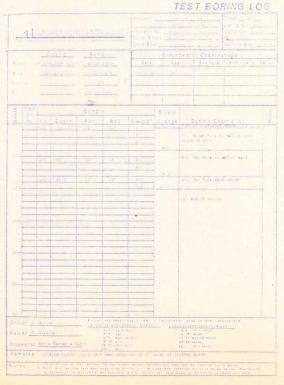


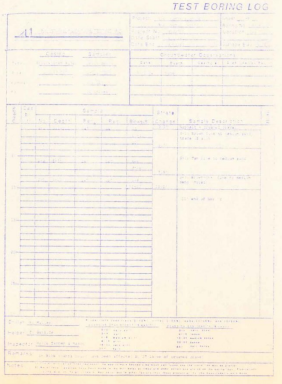


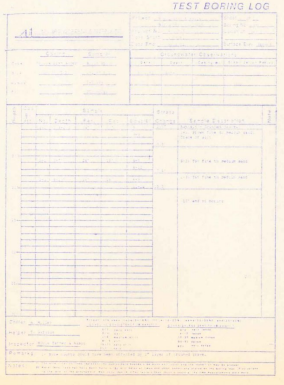


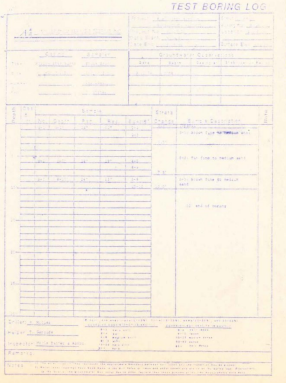












"AS BUILT"

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

SIGNED Richard L. Fife

DATE 5/16/89

ENGINEER/ARCHITECT

REV	DESCRIPTION	DR. CHKD APPD BY	BY	DATE
	REVISED AS-BUILT	MN		

PROJECT NO. 37716

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

SCALE	DATE	DES. BY	DR. BY	CHKD. BY
NONE	MARCH 1988	KJF	CBB	JBD

DO NOT SCALE DRAWING

BURLINGTON INTERNATIONAL AIRPORT
SOUTH BURLINGTON, VERMONT
RECONSTRUCT TERMINAL APRON - PHASE II

BORING LOGS

DRAWING NO. 20

SHEET 20 OF 20

AIP PROJECT NO.3-50-0005-11