

AIRPORT TERMINAL APPEAL HANGAR "C"



The HNTB Companies

5910 West Plano Parkway, Suite 200 - Plano, Texas 75093 (972) 661-6626

LETTER OF TRANSMITTAL

Job No.

37365

Date

February 11, 2004

To: Jim Pierce
 Town of Addison
 16801 Westgrove Drive
 Addison, TX 75001-9010

Re: Hangar C design files
 Sequence of Construction Example

WE ARE FORWARDING TO YOU:

NO. OF COPIES	SHEET NO.	LAST DATED	DESCRIPTION
1	21-24	9-25-03	Hangar C drawings – Addison Airport
1		02-10-04	CD containing electronic drawings of Hangar C design

Hangar "C" was an additive alternate to the Terminal Apron project that was deleted from Sete Concrete's contract because

THESE ARE TRANSMITTED:

- For approval
 For your use
 As requested
 For review & comment

PLEASE NOTE:

of the difficulty providing access during construction to Flight Star.

Jim, enclosed please find a hard copy of the Hangar C drawings along with a CD containing the drawing electronic files.

COPY TO:

37365
 Redbook
 M:\OBS\37365-AddisonAP\COMMMTGS\Transmittals\2004\2004-02-11JimPierce-lot.doc

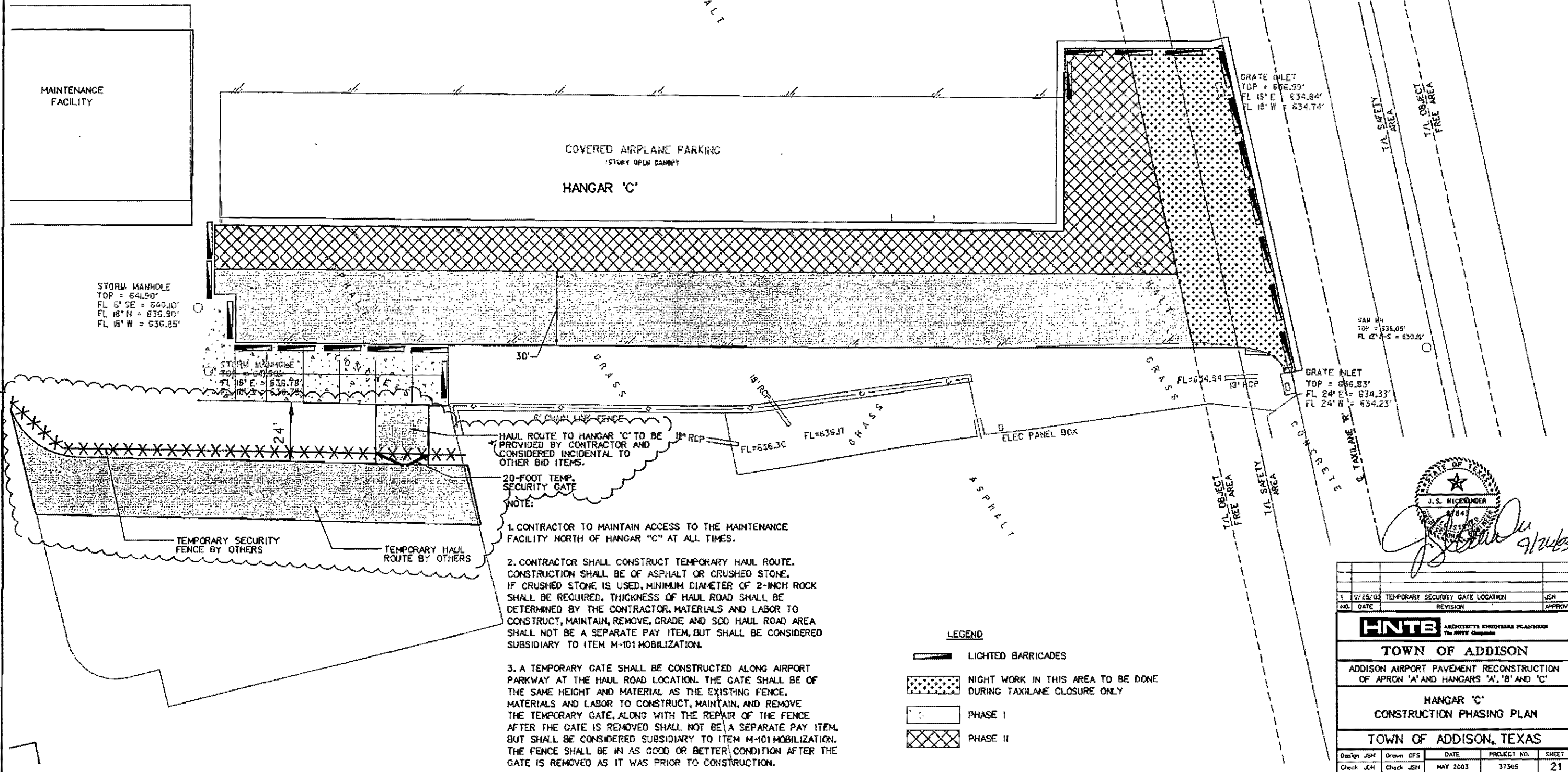
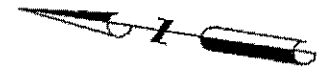
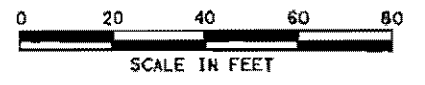
By: *Jerry D. Holder, Jr.*
 Jerry D. Holder, Jr., P.E.

PHASING

INCLUDED IN THIS PHASE IS THE REMOVAL OF EXISTING ASPHALT PAVEMENT ON THE WEST AND SOUTH SIDES OF HANGAR 'C' AND REPLACEMENT WITH CONCRETE PAVEMENT. IN ORDER TO MAINTAIN ACCESS TO THE MAINTENANCE FACILITY AT THE NORTH END OF HANGAR 'C', THE WORK IS DIVIDED INTO TWO PHASES, I & II. ALL WORK AT THE SOUTH END OF HANGAR 'C', WITHIN 57.5' OF THE TAXILANE 'R' CENTERLINE, MUST BE PERFORMED DURING PERIODS WHEN THE HANGAR TAXIWAY CAN BE CLOSED, BETWEEN THE HOURS OF 10:00 P.M. AND 6:00 A.M. BARRICADES WILL BE PLACED ON TAXILANE 'R' ALONG THE LIMITS OF THE WORK.

PHASE I - THE WORK INCLUDES THE CONSTRUCTION OF NEW CONCRETE PAVEMENT ON PORTIONS OF THE SOUTH AND WEST SIDES OF HANGAR 'C'. THE CONTRACTOR WILL MAINTAIN ACCESS TO THE MAINTENANCE FACILITY NORTH OF HANGAR 'C' FOR AIRCRAFT UNDER TOW. AIRCRAFT MOVEMENTS WILL BE COORDINATED WITH THE CONTRACTOR. ALL WORK IN THIS PHASE WILL BE COMPLETED WITHIN 84 CALENDAR DAYS. PRIOR TO THE START OF WORK IN THIS PHASE, ALL AIRCRAFT HANGARED IN THE WEST HALF OF HANGAR 'C' WILL BE TEMPORARILY RELOCATED. BARRICADES WILL BE INSTALLED AROUND THE LIMITS OF THE WORK AND ALONG TAXILANE 'R'. WORK IN THIS PHASE WILL INCLUDE WORK ON THE RAMP AND HANGARS 'A' AND 'B'.

PHASE II - WORK IN THIS PHASE WILL START UPON COMPLETION OF PHASE I AND BE COMPLETED WITHIN 70 CALENDAR DAYS. THE WORK INCLUDES THE CONSTRUCTION OF THE REMAINING PORTION OF THE CONCRETE PAVEMENT ON THE SOUTH AND WEST SIDES OF HANGAR 'C' THAT WAS CONSTRUCTED DURING PHASE I. THE CONTRACTOR WILL MAINTAIN ACCESS TO THE MAINTENANCE FACILITY NORTH OF HANGAR 'C' FOR AIRCRAFT UNDER TOW. AIRCRAFT MOVEMENTS WILL BE COORDINATED WITH THE CONTRACTOR. WORK IN THIS PHASE WILL INCLUDE WORK ON THE RAMP AND HANGARS 'A' AND 'B'.



- HAUL ROUTE TO HANGAR 'C' TO BE PROVIDED BY CONTRACTOR AND CONSIDERED INCIDENTAL TO OTHER BID ITEMS.
- 20-FOOT TEMP. SECURITY GATE
- NOTE:
1. CONTRACTOR TO MAINTAIN ACCESS TO THE MAINTENANCE FACILITY NORTH OF HANGAR "C" AT ALL TIMES.
 2. CONTRACTOR SHALL CONSTRUCT TEMPORARY HAUL ROUTE. CONSTRUCTION SHALL BE OF ASPHALT OR CRUSHED STONE, IF CRUSHED STONE IS USED, MINIMUM DIAMETER OF 2-INCH ROCK SHALL BE REQUIRED. THICKNESS OF HAUL ROAD SHALL BE DETERMINED BY THE CONTRACTOR. MATERIALS AND LABOR TO CONSTRUCT, MAINTAIN, REMOVE, GRADE AND SOO HAUL ROAD AREA SHALL NOT BE A SEPARATE PAY ITEM, BUT SHALL BE CONSIDERED SUBSIDIARY TO ITEM M-101 MOBILIZATION.
 3. A TEMPORARY GATE SHALL BE CONSTRUCTED ALONG AIRPORT PARKWAY AT THE HAUL ROAD LOCATION. THE GATE SHALL BE OF THE SAME HEIGHT AND MATERIAL AS THE EXISTING FENCE. MATERIALS AND LABOR TO CONSTRUCT, MAINTAIN, AND REMOVE THE TEMPORARY GATE, ALONG WITH THE REPAIR OF THE FENCE AFTER THE GATE IS REMOVED SHALL NOT BE A SEPARATE PAY ITEM, BUT SHALL BE CONSIDERED SUBSIDIARY TO ITEM M-101 MOBILIZATION. THE FENCE SHALL BE IN AS GOOD OR BETTER CONDITION AFTER THE GATE IS REMOVED AS IT WAS PRIOR TO CONSTRUCTION.

LEGEND

	LIGHTED BARRICADES
	NIGHT WORK IN THIS AREA TO BE DONE DURING TAXILANE CLOSURE ONLY
	PHASE I
	PHASE II

J.S. Nicander 9/2/03

NO.	DATE	REVISION	APPROV.
1	8/25/03	TEMPORARY SECURITY GATE LOCATION	JSN

HNTB ARCHITECTS ENGINEERS PLANNERS
The HNTB Companies

TOWN OF ADDISON

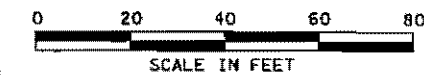
ADDISON AIRPORT PAVEMENT RECONSTRUCTION
OF APRON 'A' AND HANGARS 'A', 'B' AND 'C'

HANGAR 'C'
CONSTRUCTION PHASING PLAN

TOWN OF ADDISON, TEXAS

Design JSN	Drawn GFS	DATE	PROJECT NO.	SHEET
Check JCH	Check JSN	MAY 2003	37365	21

26-SEP-2003 09:16 Gr 37365\Cod\Sheets\acpp04.dgn

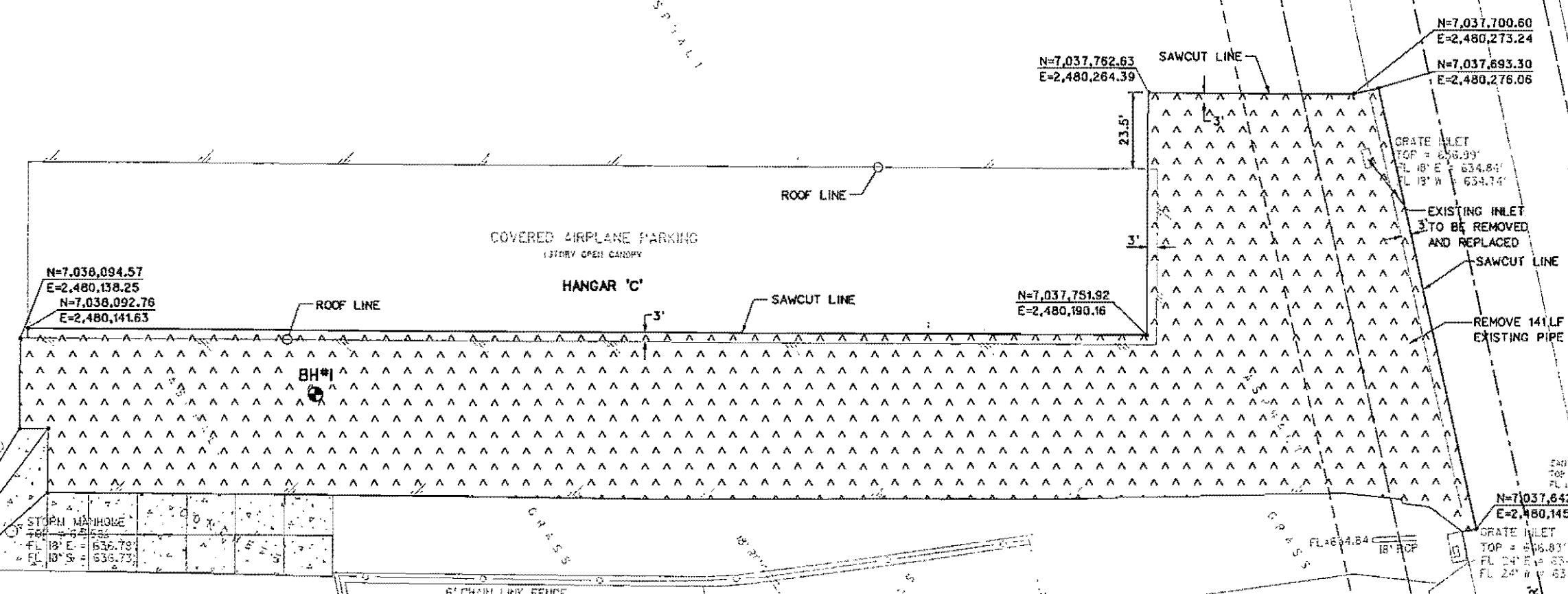


HANGAR

COVERED AIRPLANE PARKING
(STORY OPEN CANOPY)

HANGAR 'C'

MAINTENANCE FACILITY



STORM MANHOLE
TOP = 634.30
FL 6" SE = 634.10
FL 18" N = 636.30
FL 18" W = 636.85

N=7,038,090.51
E=2,480,110.49
N=7,038,081.75
E=2,480,111.84
N=7,038,078.88
E=2,480,092.14

STORM MANHOLE
TOP = 636.55
FL 18" E = 636.78
FL 18" S = 636.77

N=7,037,762.63
E=2,480,264.39

N=7,037,700.60
E=2,480,273.24

N=7,037,693.30
E=2,480,276.06

N=7,037,751.92
E=2,480,190.16

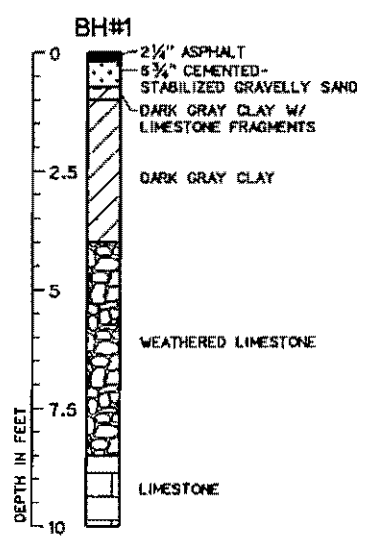
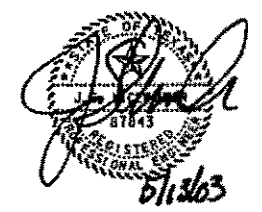
N=7,037,642.70
E=2,480,145.53

GRATE INLET
TOP = 636.83
FL 24" E = 634.32
FL 24" W = 634.23

24" M.
TOP = 638.06
FL 12" N-S = 630.0

LEGEND:

- ASPHALT REMOVAL
- CONCRETE REMOVAL
- EXISTING ASPHALT
- EXISTING CONCRETE



NOTE:
ALL SAWCUTTING ON THIS PROJECT SHALL BE SUBSIDIARY TO THE VARIOUS BID ITEMS ON THE PROJECT.

NO.	DATE	REVISION	APPROV.

HNTB ARCHITECTS ENGINEERS PLANNERS
The HNTB Companies

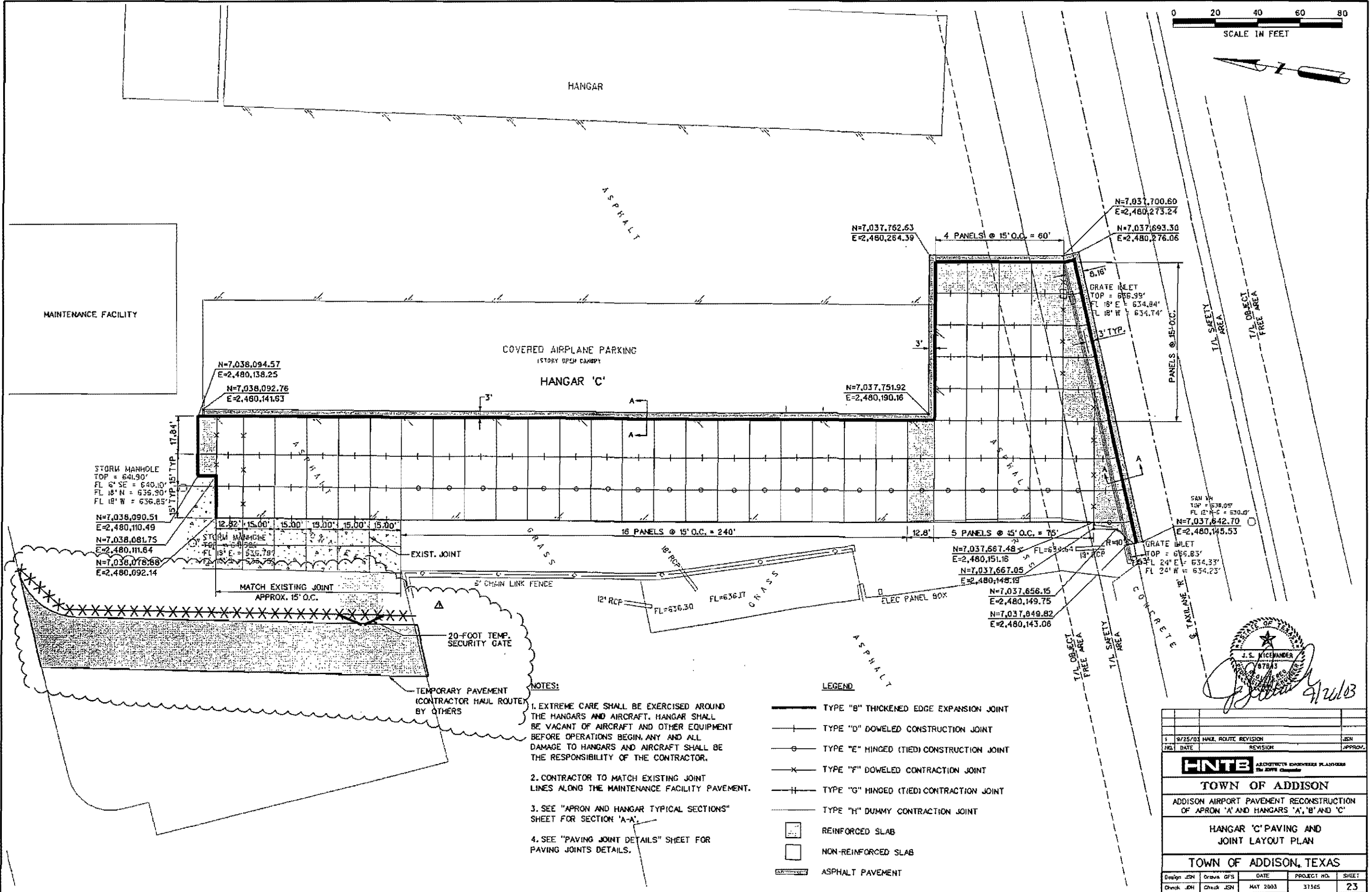
TOWN OF ADDISON
ADDISON AIRPORT PAVEMENT RECONSTRUCTION
OF APRON 'A' AND HANGARS 'A', 'B' AND 'C'

**HANGAR 'C' DEMOLITION
AND BORING PLAN**

TOWN OF ADDISON, TEXAS

Design JSH	Drawn GFS	DATE	PROJECT NO.	SHEET
Check JSH	Check JSH	MAY 2003	37365	22

13-MAY-2003 14:32 G:\37365\Cad\Shoe.dwg



STORM MANHOLE
TOP = 641.90'
FL 6" SE = 640.10'
FL 18" N = 636.90'
FL 18" W = 636.85'

N=7,038,090.51
E=2,480,110.49
N=7,038,081.75
E=2,480,111.84
N=7,038,078.88
E=2,480,092.14

N=7,038,094.57
E=2,480,138.25
N=7,038,092.76
E=2,480,141.63

N=7,037,762.63
E=2,480,264.39

N=7,037,700.60
E=2,480,273.24
N=7,037,693.30
E=2,480,276.06

N=7,037,751.92
E=2,480,190.16

N=7,037,667.05
E=2,480,148.19
N=7,037,656.15
E=2,480,149.75
N=7,037,649.82
E=2,480,143.06

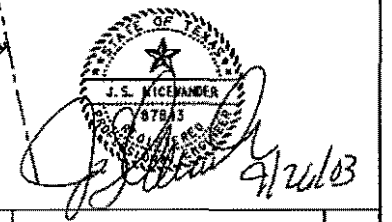
SAN 1/4
TOP = 638.05'
FL 12" N-S = 630.40'
N=7,037,642.70
E=2,480,145.53

NOTES:

1. EXTREME CARE SHALL BE EXERCISED AROUND THE HANGARS AND AIRCRAFT. HANGAR SHALL BE VACANT OF AIRCRAFT AND OTHER EQUIPMENT BEFORE OPERATIONS BEGIN, ANY AND ALL DAMAGE TO HANGARS AND AIRCRAFT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
2. CONTRACTOR TO MATCH EXISTING JOINT LINES ALONG THE MAINTENANCE FACILITY PAVEMENT.
3. SEE "APRON AND HANGAR TYPICAL SECTIONS" SHEET FOR SECTION 'A-A'.
4. SEE "PAVING JOINT DETAILS" SHEET FOR PAVING JOINTS DETAILS.

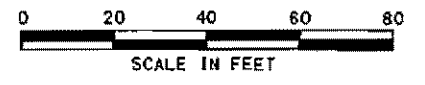
LEGEND

- TYPE "B" THICKENED EDGE EXPANSION JOINT
- +— TYPE "D" DOWELED CONSTRUCTION JOINT
- o— TYPE "E" HINGED (TIED) CONSTRUCTION JOINT
- x— TYPE "F" DOWELED CONTRACTION JOINT
- H— TYPE "G" HINGED (TIED) CONTRACTION JOINT
- ||— TYPE "H" DUMMY CONTRACTION JOINT
- ▣ REINFORCED SLAB
- NON-REINFORCED SLAB
- ▨ ASPHALT PAVEMENT



1 9/25/03		HAIR, ROUTE REVISION	JSN
NO.	DATE	REVISION	APPROV.
HNTB ARCHITECTS ENGINEERS PLANNERS The HNTB Companies			
TOWN OF ADDISON			
ADDISON AIRPORT PAVEMENT RECONSTRUCTION OF APRON 'A' AND HANGARS 'A', 'B' AND 'C'			
HANGAR 'C' PAVING AND JOINT LAYOUT PLAN			
TOWN OF ADDISON, TEXAS			
Design: JSN	Drawn: GFS	DATE: MAY 2003	PROJECT NO.: 31365
Check: JSN	Check: JSN		SHEET: 23

25-SEP-2003 09:13:55 \\cadd\shere\vach04.dgn



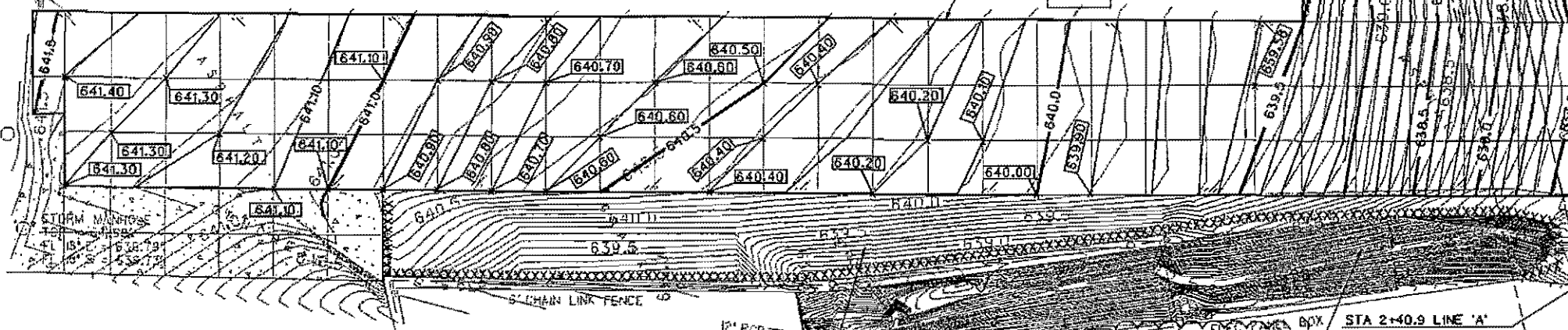
HANGAR

ASPHALT

MAINTENANCE FACILITY

COVERED AIRPLANE PARKING
1STORY OPEN CANOPY
HANGAR 'C'

STORM MANHOLE
TOP = 641.90'
FL 6" SE = 640.10'
FL 18" N = 636.90'
FL 18" W = 636.85'



STA 1+00 LINE 'A'
N=7,037,699.71
E=2,480,270.37
BEGIN 18" CLASS IV RCP
MATCH EXIST. FL

REMOVE EXISTING INLET

GRATE INLET
TOP = 636.99'
FL 18" SE = 634.84'
FL 18" W = 634.74'

STA 1+14.6 LINE 'A'
OFFSET 3.6' RT
N=7,037,697.69
E=2,480,255.47
INSTALL TYPE 'A' INLET
TOP=637.30
FL=634.90

STA 1+16.1 LINE 'A'
N=7,037,693.83
E=2,480,255.39
INSTALL 18" WYE
FL=634.84

141 LF OF
18" CLASS IV RCP

LEGEND

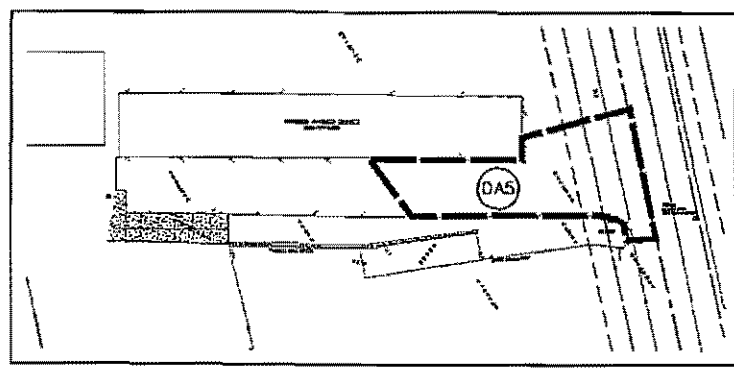
- 641.5 — PROPOSED 0.5' CONTOUR
- 641.0 — PROPOSED 0.1' CONTOUR
- 641.5 — EXISTING 0.5' CONTOUR
- 641.0 — EXISTING 0.1' CONTOUR
- DRAINAGE AREA DIVIDE
- XXXXXXXXX SILT FENCE
- (10P) INLET PROTECTION (PROP.)

SAN MANHOLE
TOP = 639.05'
FL 12" W = 630.10'

STA 2+40.9 LINE 'A'
N=7,037,648.32
E=2,480,139.19
END 18" CLASS IV RCP
MATCH EXISTING
FL=643.31
EXISTING INLET
TO REMAIN

CONTRACTOR TO SOD
DISTURBED AREA

CONTRACTOR TO SOD
DISTURBED AREA



DRAINAGE AREA MAP
NOT TO SCALE

HANGAR 'C' DRAINAGE TABLE

DRAINAGE AREA	AREA (ACRES)	C	Tc (min)	I-100 (in/hr)	Q (cfs)
DA5	0.323	0.90	10	8.74	2.54

NO.	DATE	REVISION	APPROVED
1	9/23/03	ADDED SODDING NOTE, MODIFIED DRAINAGE NOTE	JSH

HNTB ARCHITECTS ENGINEERS PLANNERS
FOR THE CITY OF ADDISON

TOWN OF ADDISON
ADDISON AIRPORT PAVEMENT RECONSTRUCTION
OF APRON 'A' AND HANGARS 'A', 'B' AND 'C'

HANGAR 'C' GRADING,
DRAINAGE AND SW3P PLAN

DESIGN	DRAWN	DATE	PROJECT NO.	SHEET
JSH	JSH	MAY 2003	37365	24

25-SEP-2003 09:11 G:\37365\37365\37365\37365\37365\37365\37365\37365\37365\37365.dgn