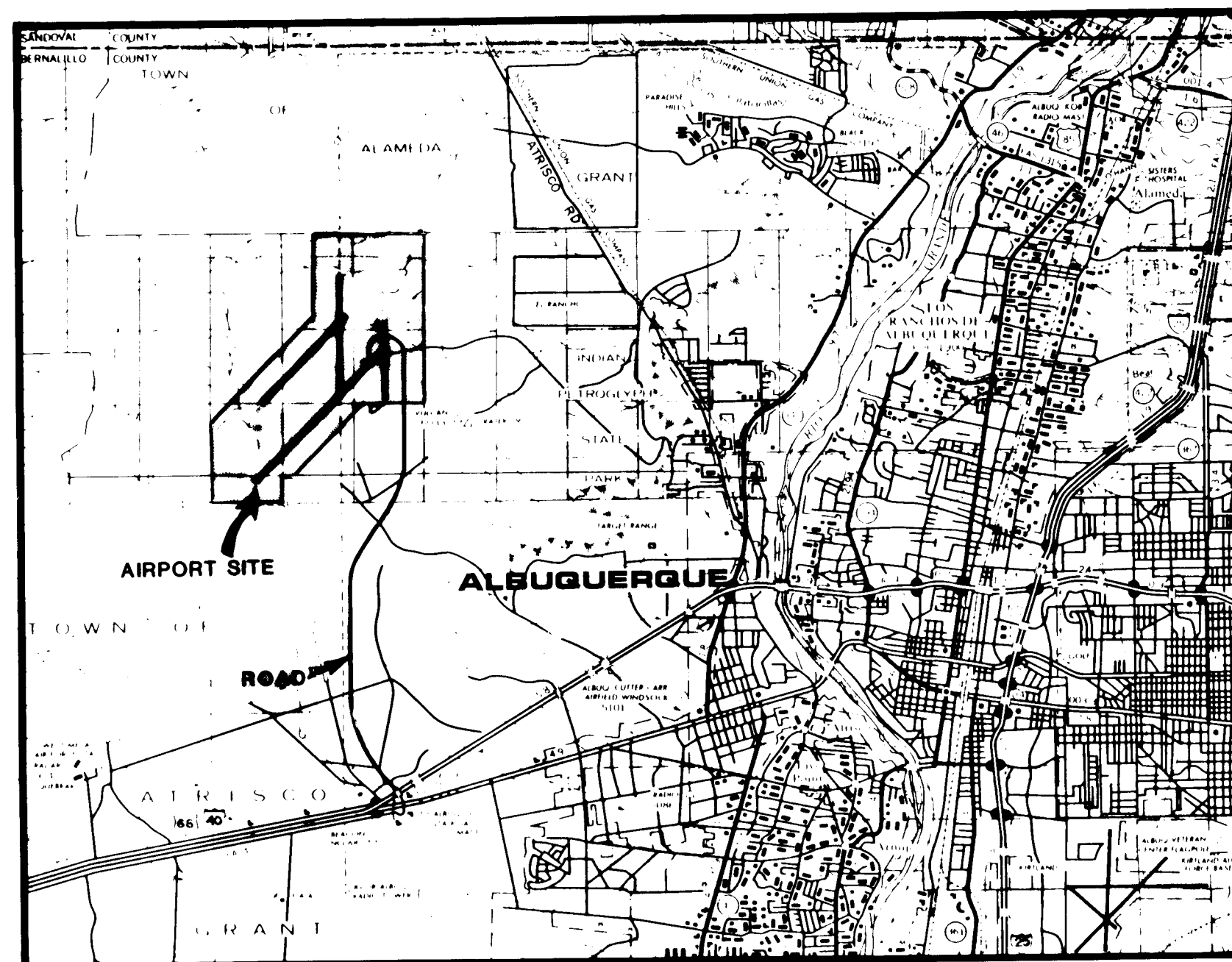
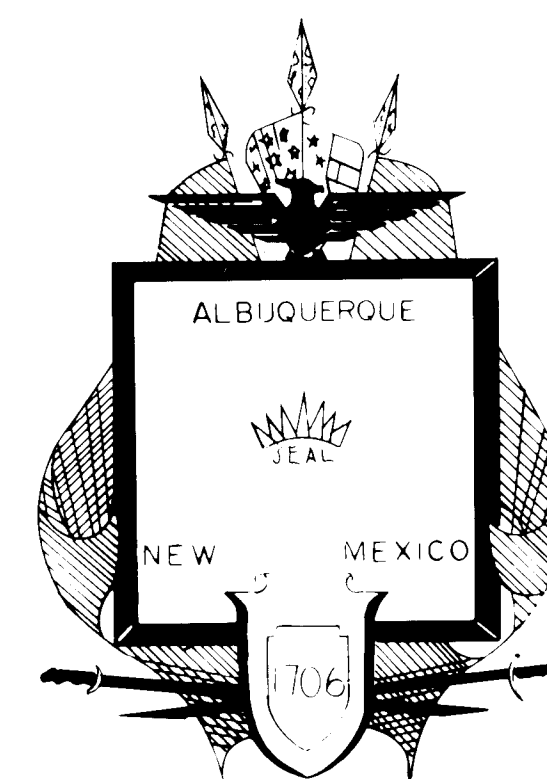




VICINITY MAP
SCALE: 1" = 2 MILES



CITY OF ALBUQUERQUE DEPARTMENT OF AVIATION

PLANS FOR CONSTRUCTION OF **DOUBLE EAGLE II AIRPORT** **ALBUQUERQUE, NEW MEXICO** AIP-3-35-0002-03

CONSTRUCT

RUNWAY 17-35 (100' X 6000') WITH 35' WIDE
PARALLEL TAXIWAY SYSTEM AND MRL AND
MITL SYSTEMS AND NON-PRECISION MARKING.

HANGER AREA (13,168 S.Y.)

INDEX OF SHEETS

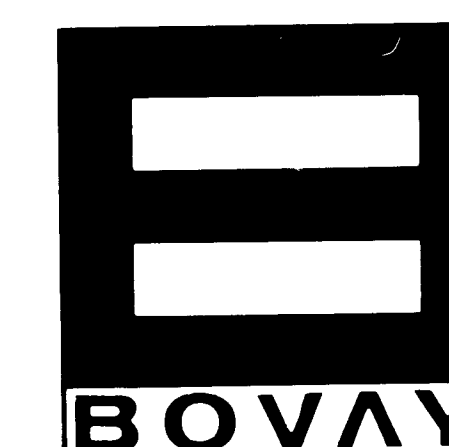
COVER SHEET	1
PROJECT LAYOUT	2
QUANTITIES	3
RUNWAY & TAXIWAY "B" PLAN & PROFILE	4-8
TAXIWAYS "H" & "B2" PLAN & PROFILE	9
TAXIWAYS "B1" & "B3" PLAN & PROFILE	10
TYPICAL SECTIONS	11
DRAINAGE DETAILS	12
WATER LINE DETAILS	13
RUNWAY & TAXIWAY MARKING	14-15
MARKING DETAILS	16
FENCING LAYOUT & DETAILS	17
FENCING DETAILS	18
RUNWAY & TAXIWAY LIGHTING	19-20
LIGHTING DETAILS	21-22
LIGHTING CONTROLS	23
ELECTRICAL EQUIPMENT LAYOUT & CONTROLS	24

1 2 3 4 5 6 7 8 9 10 11 12
26 16920185

W.F. Mylamar
6/26/85

RECORD DRAWING

DATE: 6/26/85
BY: [Signature]



BOVAY ENGINEERS, INC.

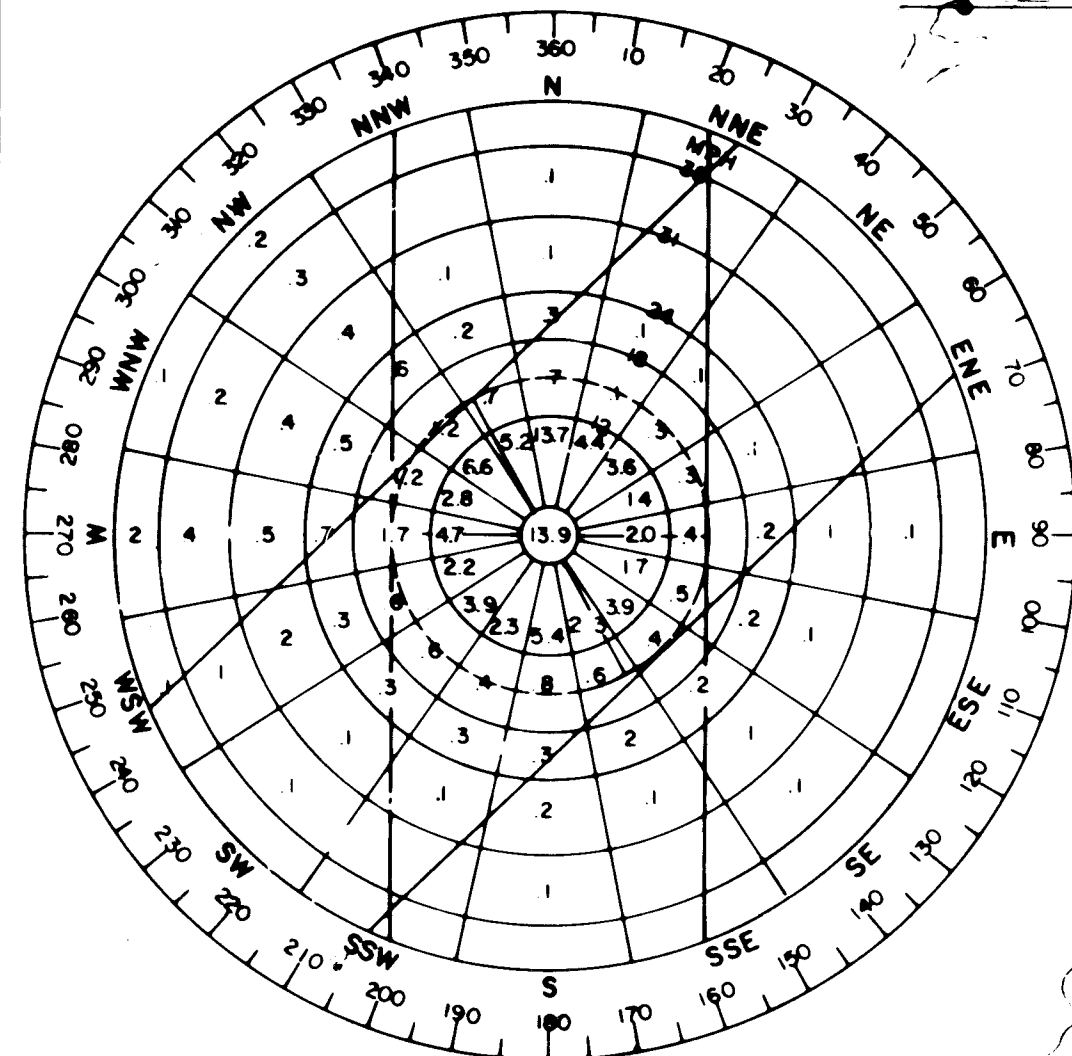
ALBUQUERQUE
HOUSTON-SPOKANE
BATON ROUGE-AUSTIN

PROJECT NO.

1692

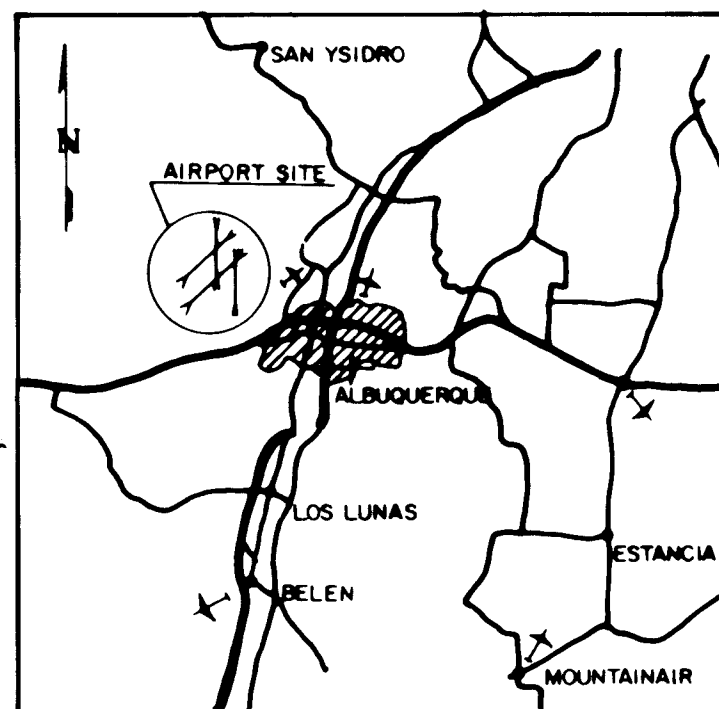
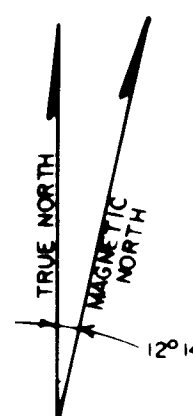
APPROVED FOR CONSTRUCTION
[Signature]
CITY ENGINEER DATE

QA AKC 2/4/84

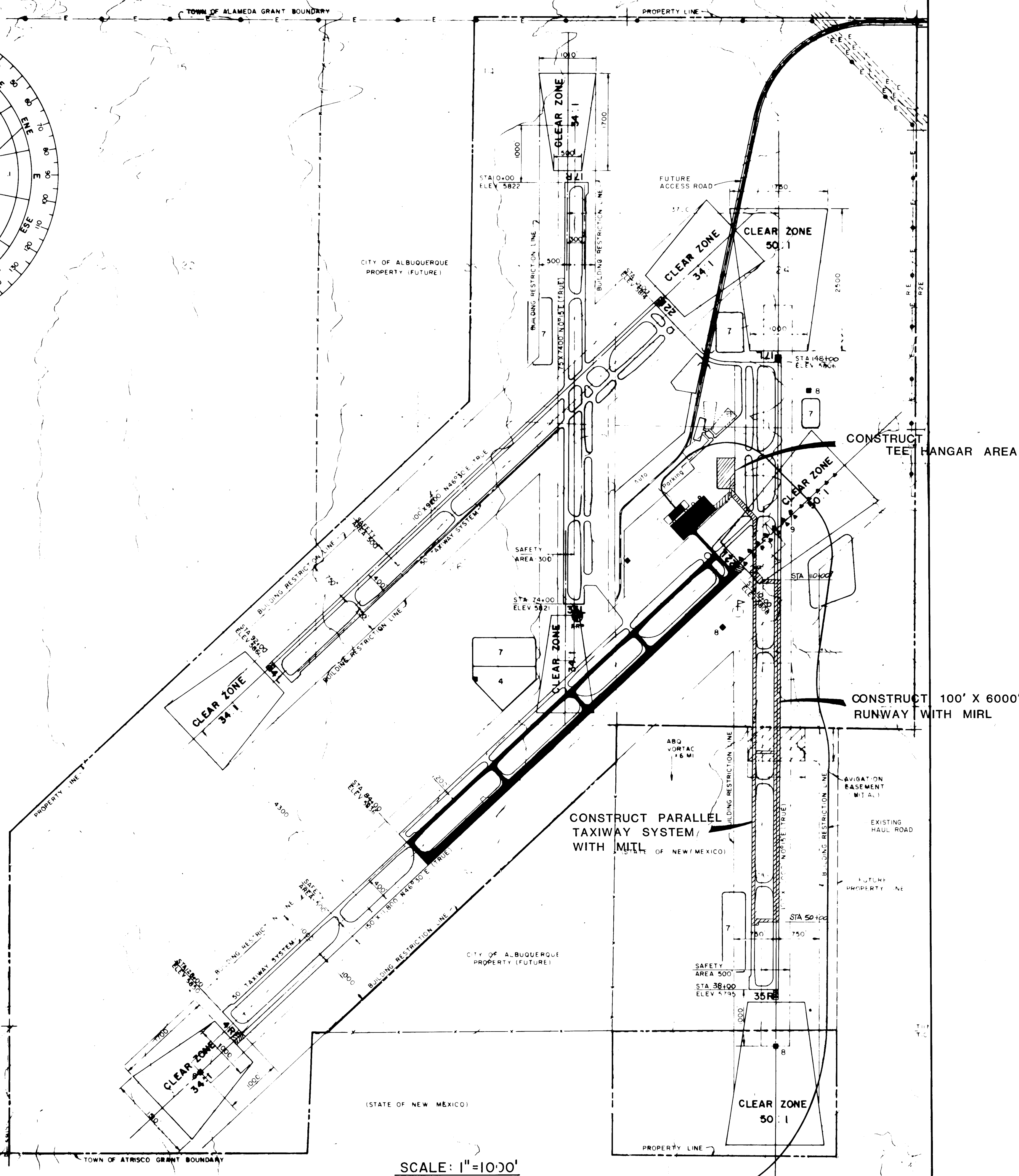


WIND ROSE

DATE SOURCE ESTIMATED WIND ROSE
FROM WEST MESA AIRPORT MASTER
PLAN STUDY, VOL. II, SEPT. 1972



VICINITY MAP



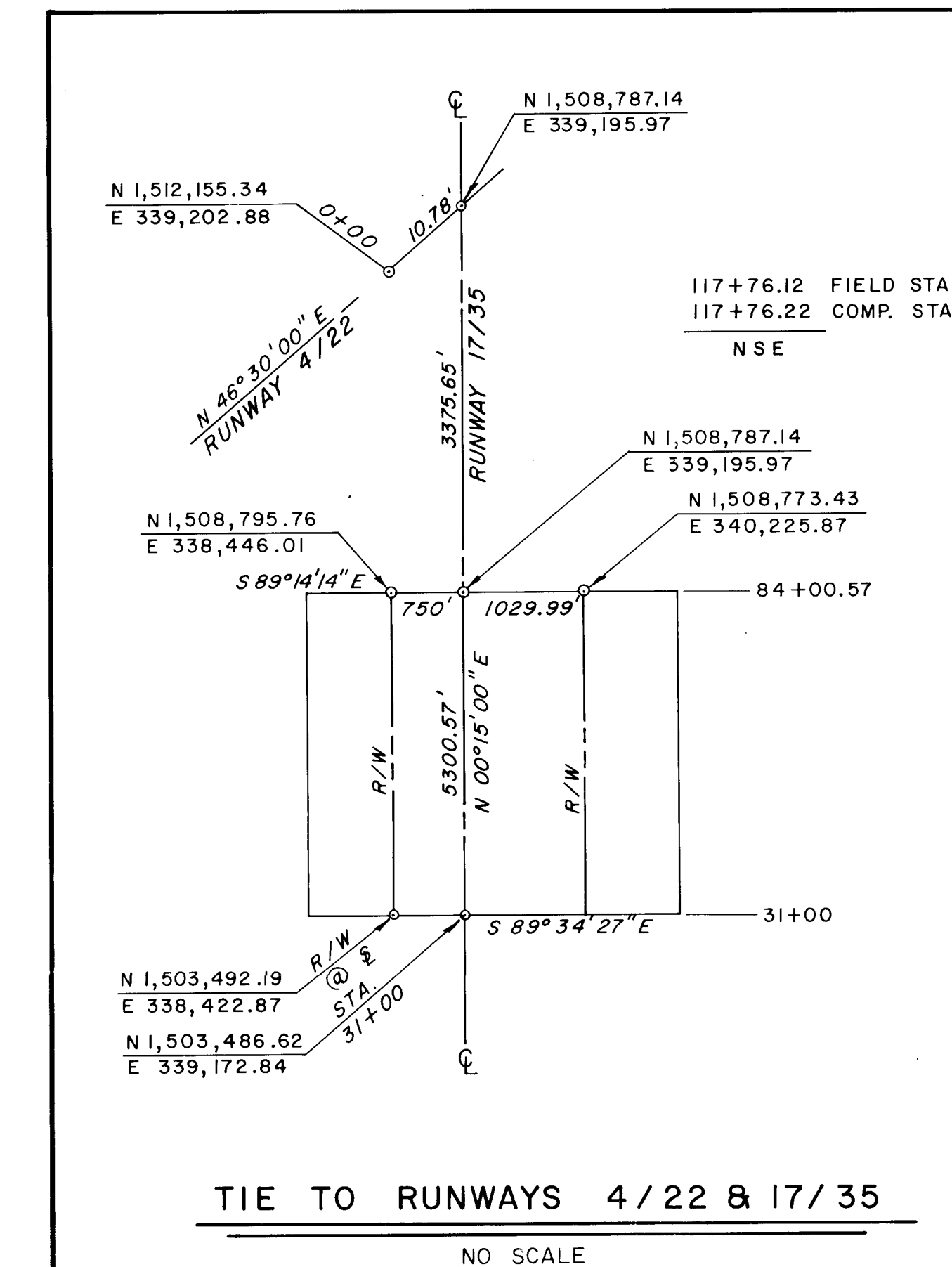
SCALE: 1"=1000'

EXISTING DEVELOPMENT

CONSTRUCTION THIS PROJECT

FUTURE EIGHTHIES

LEGEND



TIE TO RUNWAYS 4/22 & 17/35

NO SCALE

1	2	3	4	5	6	7	8	9	10	11	12
2	6	1	4	7	2	0	2	8	5		

RECORD DRAWING

DATE 6/30/85
BY [Signature]

SOVAY ENGINEERS, INC.
ALBUQUERQUE
HOUSTON • SPOKANE • AUSTIN • BATON ROUGE

CITY OF ALBUQUERQUE DEPARTMENT OF AVIATION				
TITLE: PROJECT LAYOUT				
DOUBLE EAGLE II AIRPORT				
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER
City Engineer	[Signature]	6/30/85	Liquid Waste	[Signature]
A.C.E.-Design	[Signature]	3/26/84	Traffic	[Signature]
A.C.E.-Hydrology	[Signature]	2/3/84	Water	[Signature]
O.A. [Signature]				
DESIGNED BY KAC DATE NOV, 1983				
DRAWN BY DATE				
CHECKED BY DATE				
DRAWING NO. 1692		MAP NO.		SHEET 2 OF 24

ESTIMATE OF QUANTITIES

SCHEDULE "A" - GRADING, DRAINAGE, PAVING

BASE BID		Estimated Quantities	As Built Quantities
No.	Item		
1.	P-152 COMMON EXCAVATION	274,850 C.Y.	301,736 C.Y.
2.	P-209 CRUSHED AGGREGATE BASE COURSE	26,529 C.Y.	26,529 C.Y.
3.	P-401 BITUMINOUS SURFACE COURSE	13,488 TONS	12,972 Ton
4.	P-401 ASPHALT CEMENT AC-10	877 TONS	743.10 Ton
5.	P-602 BITUMINOUS PRIME COAT	140 TONS	55.55 Ton
6.	P-603 BITUMINOUS TACK COAT	70 TONS	0
7.	P-620 RUNWAY AND TAXIWAY PAINTING	43,653 S.F.	43,653 S.F.
8.	D-701 36" RCP - CLASS III	360 L.F.	360 L.F.
9.	D-701 36" RCP - END SECTION	4 EA.	4 EA.
10.	D-701 24" RCP - CLASS III	120 L.F.	120 L.F.
11.	D-701 24" RCP - END SECTION	1 EA.	1 EA.
12.	D-752 HEADWALL - SINGLE PIPE	3 EA.	3 EA.
13.	9" MEDIAN SIZE RIP RAP - IN PLACE	281 C.Y.	281 C.Y.
14.	FILTER FABRIC - IN PLACE	8,224 S.F.	8,224 S.F.
15.	F-161 REMOVE AND RELOCATE 5 STRAND BARB WIRE FENCE	1,504 L.F.	1504 L.F.
16.	F-161 NEW 5 STRAND BARB WIRE FENCE	16,161 L.F.	16,161 L.F.
17.	T-901 SEEDING	302 LBS.	302 Lbs.
18.	T-908 MULCHING	144 AC.	144 AC.
19.	L-110 3" 2-WAY DUCT - IN PLACE INCLUDING TRENCHING AND BACKFILLING	535 L.F.	535 L.F.
20.	D-751 ELECTRICAL HANDHOLES COMPLETE IN PLACE WITH BASE AND COVER	16 EA.	16 EA.
21.	8" WATER MAIN - IN PLACE (NON AIP)	565 L.F.	565 L.F.
22.	6" WATER MAIN - IN PLACE (NON AIP)	100 L.F.	100 L.F.
23.	8" GATE VALVE - IN PLACE (NON AIP)	2 EA.	1 EA.
24.	FIRE HYDRANT - IN PLACE (NON AIP)	2 EA.	2 EA.
25.	TYPE "A" VALVE BOX (NON AIP)	2 EA.	2 EA.
26.	8" x 8" x 6" TEE (NON AIP)	2 EA.	2 EA.
27.	8" -90° ELBOW (NON AIP)	2 EA.	2 EA.

SCHEDULE "A" - GRADING, DRAINAGE, PAVING

ADD ALTERNATE NO. 1

No.	Item	Estimated Quantities	As Built Quantities
1A.	P-152 COMMON EXCAVATION	3,629 C.Y.	4595 C.Y.
2A.	P-209 CRUSHED AGGREGATE BASE COURSE	1,296 C.Y.	1296 C.Y.
3A.	P-401 BITUMINOUS SURFACE COURSE	678 TONS	678 Tons
4A.	P-401 ASPHALT CEMENT AC-10	44 TONS	37.28 Tons
5A.	P-602 BITUMINOUS PRIME COAT	6.8 TONS	4 Tons
6A.	P-603 BITUMINOUS TACK COAT	3.4 TONS	0
7A.	P-620 RUNWAY AND TAXIWAY PAINTING	751 S.F.	751 S.F.
8A.	D-701 36" RCP - CLASS III	716 L.F.	720 L.F.
9A.	D-701 36" RCP - END SECTION	4 EA.	4 EA.
10A.	D-752 HEADWALL - DUAL PIPE	2 EA.	2 EA.
11A.	4" MEDIAN SIZE RIP RAP - IN PLACE	56 C.Y.	56 C.Y.
12A.	FILTER FABRIC - IN PLACE	2,692 S.F	2692 S.F.
13A.	T-901 SEEDING	3.2 LBS.	3.2 Lbs.
14A.	T-908 MULCHING	1.5 AC.	1.5 AC.

Change Order No 1

1	Rock Excavation	3000 C.Y.	4130 C.Y.
---	-----------------	-----------	-----------

ESTIMATE OF QUANTITIES
SCHEDULE "B" - LIGHTING

		Estimated	As Built
		Quantities	Quantities
No.	Item		
1.	L-861SE THRESHOLD LIGHT, BASE MOUNTED WITH ISOLATION TRANSFORMER, L-823 CONNECTORS, RED/GREEN LENS AND QUARTZ LAMP	16 EA.	16 EA.
2.	L-861 RUNWAY LIGHT, BASE MOUNTED WITH ISOLATION TRANSFORMER, L-823 CONNECTORS, CLEAR/YELLOW LENS AND QUARTZ LAMP	40 EA.	40 EA.
3.	L-861 RUNWAY LIGHT, BASE MOUNTED WITH ISOLATION TRANSFORMER, L-823 CONNECTORS, CLEAR/CLEAR LENS AND QUARTZ LAMP	20 EA.	20 EA.
4.	L-861T TAXIWAY LIGHT, BASE MOUNTED WITH ISOLATION TRANSFORMER, L-823 CONNECTORS, BLUE LENS AND QUARTZ LAMP	134 EA.	134 EA.
5.	L-110 1½" MINIMUM 1-WAY DUCT - IN PLACE INCLUDING TRENCHING AND BACKFILLING	26,455 L.F.	26,455 EA.
6.	L-824 1/c, NO. 8, 5000V., TYPE "C" CABLE IN DUCT	55,014 L.F.	55,362 L.F.
7.	L-110 3" 2-WAY DUCT - IN PLACE INCLUDING TRENCHING AND BACKFILLING	2,655 L.F.	2713 L.F.
8.	D-751 ELECTRICAL HANDHOLE COMPLETE IN PLACE INCLUDING BASE AND COVER	2 EA.	2 EA.
9.	L-828 7.5 KW, 6.6 AMP REGULATOR	3 EA.	3 EA.
10.	L-824 1/c, #8 STRANDED BARE COPPER WIRE FOR COUNTERPOISE INCLUDING GROUND RODS	29,886 L.F.	29,944 L.F.
11.	L-858 GUIDANCE SIGN - 2 SECTION - SIGN 1 SIDE - COMPLETE IN PLACE WITH BASE MOUNTING, ISOLATION TRANSFORMER, L-823 CONNECTORS AND LAMPS	8 EA.	8 EA.
12.	L-858 GUIDANCE SIGN - 5 SECTION - SIGN 1 SIDE - COMPLETE IN PLACE WITH BASE MOUNTING, ISOLATION TRANSFORMER, L-823 CONNECTORS AND LAMPS	2 EA.	2 EA.
13.	L-858 GUIDANCE SIGN - 6 SECTION - SIGN 2 SIDE - COMPLETE IN PLACE WITH BASE MOUNTING, ISOLATION TRANSFORMER, L-823 CONNECTORS AND LAMPS	1 EA.	1 EA.
14.	L-858 GUIDANCE SIGN - 7 SECTION - SIGN 2 SIDES - COMPLETE IN PLACE WITH BASE MOUNTING, ISOLATION TRANSFORMER, L-823 CONNECTORS AND LAMPS	1 EA.	1 EA.
15.	Vault Modification and Equipment for Runway and Taxiway Lighting Systems Including Switches, Panel Changes, Duct, Series Cutouts, and Cable to Provide a Complete and Operative System	L.S.	L.S.

SCHEDULE "B" - LIGHTING

ADD ALTERNATE 1

1B.	L-861T TAXIWAY LIGHT, BASE MOUNTED WITH ISOLATION TRANSFORMER, L-823 CONNECTORS, BLUE LENS AND QUARTZ LAMP	38 EA.	38 EA.
2B.	L-110 1½" MINIMUM 1-WAY DUCT - IN PLACE INCLUDING TRENCHING AND BACKFILL	3,230 L.F.	3230 L.F.
3B.	L-824 1/c, No. 8, 5000V., TYPE "C" CABLE IN DUCT	3,442 L.F.	3442 L.F.
4B.	L-824 1/c, #8, STRANDED BARE COPPER WIRE FOR COUNTERPOISE INCLUDING GROUND RODS	3,323 L.F.	3323 L.F.
5B.	L-858 GUIDANCE SIGN - 6 SECTION - SIGN 2 SIDES - COMPLETE IN PLACE WITH BASE MOUNTING, ISOLATION TRANSFORMER, L-823 CONNECTORS AND LAMPS	1 EA.	1 EA.

SEQUENCE OF OPERATIONS

THE SUCCESSFUL COMPLETION OF THIS PROJECT IS DEPENDENT UPON THE COOPERATION AND COORDINATION OF THE SCHEDULE "A" AND SCHEDULE "B" CONTRACTORS. A TOTAL TIME OF COMPLETION FOR THE TOTAL PROJECT IS 360 CALENDAR DAYS FOR BOTH SCHEDULES.

THE SCHEDULE "A" CONTRACTOR SHALL SCHEDULE HIS EARTHWORK SO AS TO COMPLETE THE SHOULDERS OF THE RUNWAY AND TAXIWAY TO A POINT THAT THE SCHEDULE "B" CONTRACTOR CAN PLACE BASE CANS AND DUCT WITHIN 270 CALENDAR DAYS OR LESS.

THE SCHEDULE "B" CONTRACTOR SHALL SCHEDULE HIS WORK SO THAT HIS WORK, OUTSIDE THE AREA OF THE SCHEDULE "A" CONTRACTOR'S WORK, IS ESSENTIALLY COMPLETE WITHIN THE FIRST 270 CALENDAR DAYS. WHEN THE SCHEDULE "A" CONTRACTOR IS COMPLETE TO THE POINT WHICH WILL ALLOW THE SCHEDULE "B" CONTRACTOR TO PLACE BASE CANS AND DUCT ADJACENT TO THE RUNWAY AND TAXIWAY, THE SCHEDULE "B" CONTRACTOR SHALL COMPLETE THE PLACEMENT OF BASE CANS AND DUCT. THE SCHEDULE "B" CONTRACTOR SHALL COMPLETE THE PLACEMENT OF BASE CANS AND DUCT BY THE END OF 330 CALENDAR DAYS SO AS TO ALLOW TIME FOR THE SCHEDULE "A" CONTRACTOR TO COMPLETE SEEDING AND MULCHING.

DEFINITION OF ADD ALTERNATES:

THE BASE BID FOR BOTH SCHEDULES "A" AND "B" CONSISTS OF ALL CONSTRUCTION SHOWN ON THE PLANS EXCEPT WORK ASSOCIATED WITH CONSTRUCTION OF TAXIWAY "B" FROM STA. 110+00 TO STA. 125+92.

IF ADD ALTERNATE 1 OF SCHEDULES "A" AND "B" ARE
ACCEPTED, TAXIWAY "B" FROM STA. 110+00 TO STA
125+92 WILL BE CONSTRUCTED AND TAXIWAY "B1" FROM
STA 4+20 TO STA 7+27 WILL NOT BE CONSTRUCTED.

[illegible]

CITY OF ALBUQUERQUE
DEPARTMENT OF AVIATION

TITLE: ESTIMATED QUANTITIES

DOUBLE EAGLE II AIRPORT AIP-3-35-0002-03

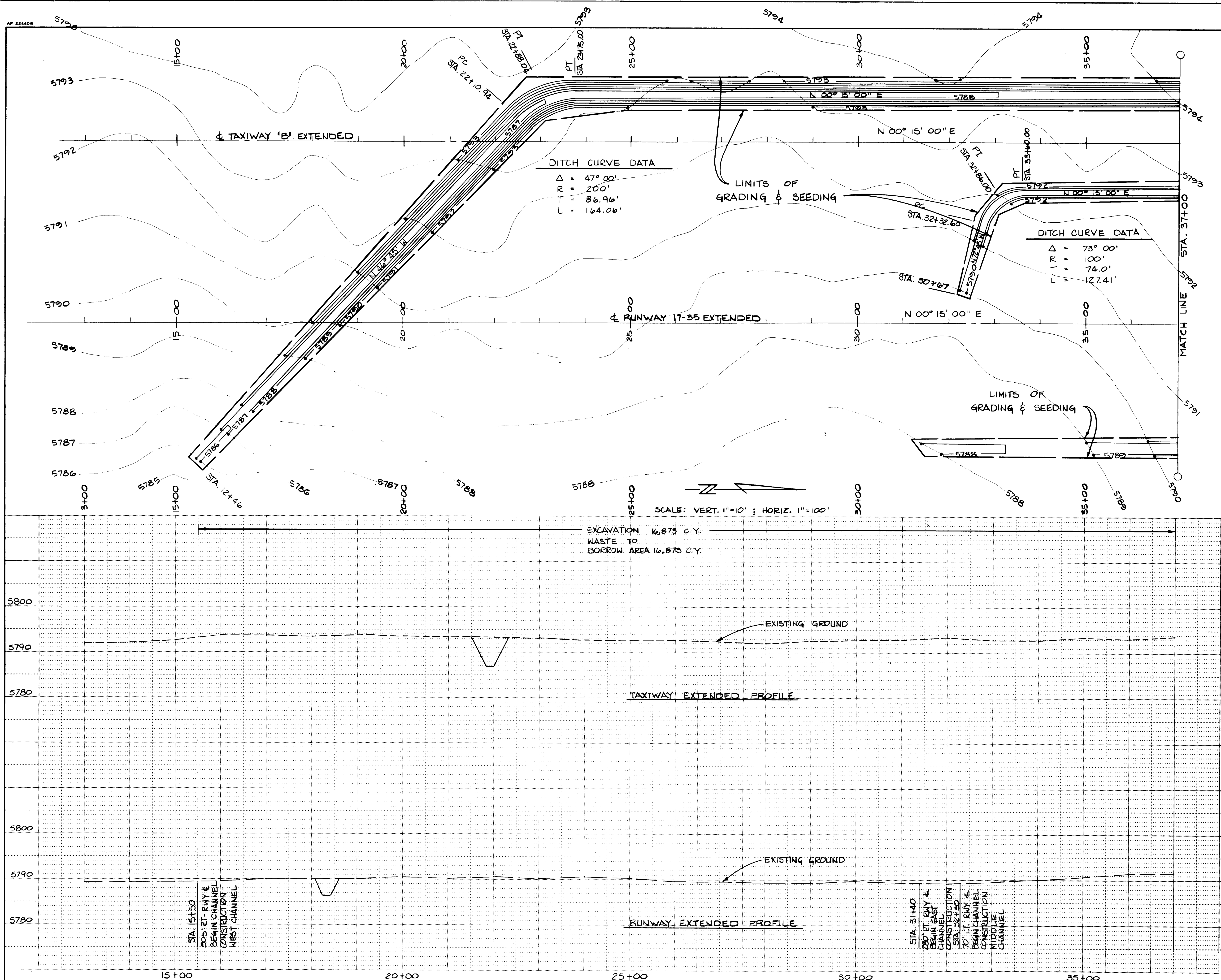
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	<i>[Signature]</i>	2/3/84	Liquid Waste	<i>[Signature]</i>	2-3-84
A C E - Design	<i>[Signature]</i>	2/2/84	Traffic	<i>[Signature]</i>	2/4/84
A C E - Hydrology	<i>[Signature]</i>	2/3/84	Water	<i>[Signature]</i>	2-3-84
QA	<i>[Signature]</i>	2-3-84			

DRAWING NO. 1692	MAP NO.	SHEET 3 OF 24
---------------------	---------	---------------

1	2	3	4	5	6	7	8	9	10	11	12
2	6		1	6	9	2	0	3	8	5	

RECORD DRAWING

DATE 5/30/89
BY J. H. [Signature]



LEGEND

- 5794-- EXISTING CONTOUR
- 5794- FINISHED CONTOUR
- PAVEMENT THIS PROJECT
- SOIL BORING LOCATION
- CONSTRUCTION LINE
- RCP THIS PROJECT
- RIP- RAP

AS BUILT INFORMATION

CONTRACTOR	DATE
INSPECTOR	DATE
FIELD ENGINEER	DATE
FIELD SURVEYOR	DATE
FIELD PHOTOGRAPHER	DATE
FIELD VIDEOGRAPHER	DATE
FIELD MICROFILM	DATE
RECORDED BY	DATE
NO	

BENCH MARKS

B-66, STATION IS LOCATED 7 MILES N.W. OF DOWNTOWN ALBUQUERQUE ON THE HIGHEST OF THE GROUP OF VOLCANIC MOUNDS ON THE WEST MESA. STATION MARK IS A STANDARD USC & GS TABLET STAMPED "VULCAN 1958 & 1960", CEMENTED IN DRILL HOLE IN VOLCANIC ROCK (HORIZONTAL CONTROL). SEE SHEET 5 OF 24 FOR B.M. VERTICAL CONTROL.

SURVEY INFORMATION

FIELD NOTES	DATE
BY	
NO.	

ENGINEER'S SEAL

[Signature]

RECORD DRAWING

DATE 8/30/89

BY [Signature]

REVISIONS

NO.	DATE	REMARKS	BY
1	8/30/89	DESIGN	KC
2	9/1/89	DESIGN	PM
3	9/1/89	DESIGN	CML

CITY OF ALBUQUERQUE
DEPARTMENT OF AVIATION

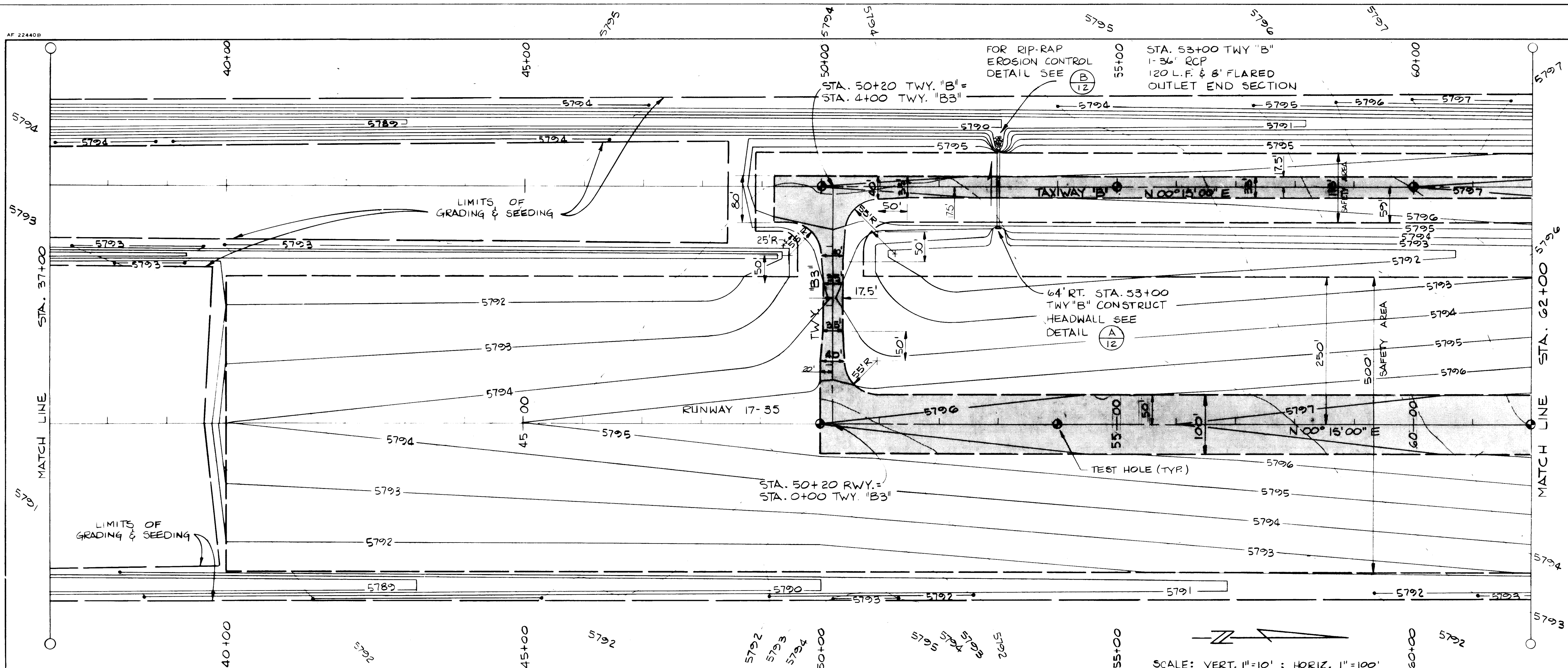
TITLE: RUNWAY & TAXIWAY PLAN & PROFILE
STA. 13+00 TO STA. 37+00
DOUBLE EAGLE II AIRPORT AIP-3-35-0002-03

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	<i>[Signature]</i>	8/30/89	Liquid Waste	WA WBY	2-3-84
A.C.E. Design	<i>[Signature]</i>	8/30/89	Traffic	NA WBY	2-4-84
A.C.E. Hydrology	<i>[Signature]</i>	2/3/89	Water	NA WBY	2-3-84

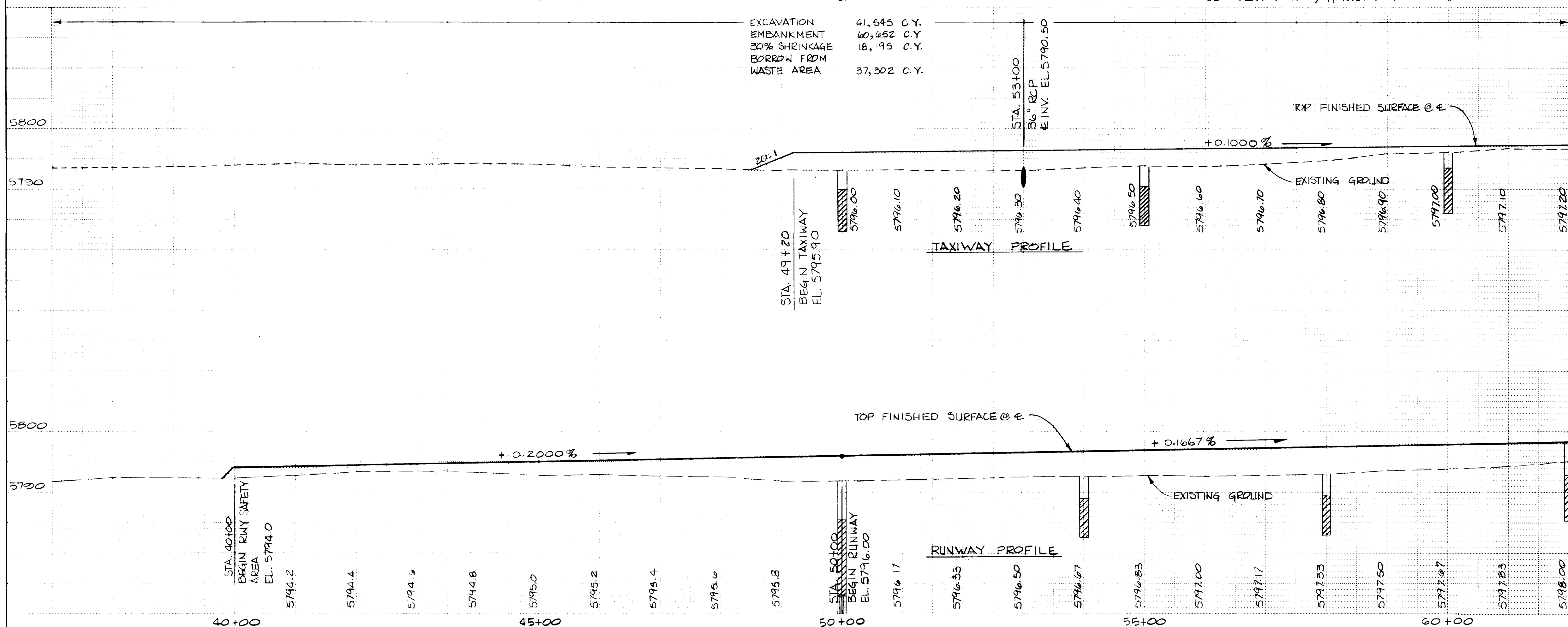
O.A. *[Signature]* 2-3-89

DRAWING NO.	MAP NO.	SHEET OF
1692	F-6	4 OF 24

6/00-015



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



LEGEND
SEE SHEET 4 OF 24

NOTE:
SEE SHEET 10 OF 24
FOR TWY "B3"
PLAN AND PROFILE

BORING LOG LEGEND

- SAND (SM TO SC) AND SAND-SILT MIXTURES, DARK BROWN TO BROWN, FINE GRAINED, SILTY TO VERY SILTY, SOME VERTICAL ZONES OF SANDY CLAYS (CL) AND SILTS (ML), TRACE TO A LITTLE "CALICHE". GENERALLY FIRM OR DENSE WITH SOME LOOSE ZONES. LL 26-29; PL 19; PI 7-10.
- SAND (SM TO SC), CHALK-WHITE TO LIGHT GRAY WITH DEPTH, HEAVY TO MODERATE CALCAREOUS "CEMENTATION" BECOMING LESS WITH DEPTH, TRACE OF FINE GRAVEL, MEDIUM TO FINE AND FINE GRAINED, "CALICHE". GENERALLY FIRM TO HARD. LL 20-25; PL 14-17; PI 5-9.
- SAND (SM - SOME SP), LIGHT TAN TO LIGHT GRAY-BROWN, MEDIUM TO FINE GRAINED, SILTY TO SLIGHTLY SILTY, TRACE TO A LITTLE FINE GRAVEL, SOME UPPER ZONES WITH TRACE OF "CALICHE". GENERALLY MEDIUM DENSE TO DENSE. NON-PLASTIC.

RECORD DRAWING

DATE: 11/16/84
BY: [Signature]

CITY OF ALBUQUERQUE
DEPARTMENT OF AVIATION

TITLE: RUNWAY & TAXIWAY PLAN & PROFILE

STA. 37+00 TO STA. 62+00

DOUBLE EAGLE II AIRPORT AIP-3-35-0002-03

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	[Signature]	11/16/84	Liquid Waste	NA	2-3-84
ACE - Design	[Signature]	11/16/84	Traffic	NA	1/4/84
ACE - Hydrology	[Signature]	11/16/84	Water	NA	2-3-84
QA	[Signature]	11/16/84			

DRAWING NO. 1692 MAP NO. F-6 SHEET 5 OF 24

ENGINEER'S SEAL		SURVEY INFORMATION		BENCH MARKS		AS BUILT INFORMATION	
		FIELD NOTES		SEE SHEET 4 OF 24 FOR HORIZONTAL CONTROL		CONTRACTOR	
		NO.	BY	DATE		WORKED BY	DATE
						INSPECTORS	DATE
						ACCEPTANCE BY	DATE
						FIELD VERIFICATION BY	DATE
						DRAWINGS	DATE
						CORRECTED BY	DATE
		MICRO-FILM INFORMATION					
						RECORDED BY	DATE
						NO	

ENGINEER'S SEAL		SURVEY INFORMATION		BENCH MARKS		AS BUILT INFORMATION	
		FIELD NOTES		SEE SHEET 4 OF 24 FOR HORIZONTAL CONTROL		CONTRACTOR	
		NO.	BY	DATE		WORKED BY	DATE
						INSPECTORS	DATE
						ACCEPTANCE BY	DATE
						FIELD VERIFICATION BY	DATE
						DRAWINGS	DATE
						CORRECTED BY	DATE
		MICRO-FILM INFORMATION					
						RECORDED BY	DATE
						NO	

ENGINEER'S SEAL		SURVEY INFORMATION		BENCH MARKS		AS BUILT INFORMATION	
		FIELD NOTES		SEE SHEET 4 OF 24 FOR HORIZONTAL CONTROL		CONTRACTOR	
		NO.	BY	DATE		WORKED BY	DATE
						INSPECTORS	DATE
						ACCEPTANCE BY	DATE
						FIELD VERIFICATION BY	DATE
						DRAWINGS	DATE
						CORRECTED BY	DATE
		MICRO-FILM INFORMATION					
						RECORDED BY	DATE
						NO	

ENGINEER'S SEAL

[Signature]

REVISIONS

DESIGN

DESIGNED BY KWC

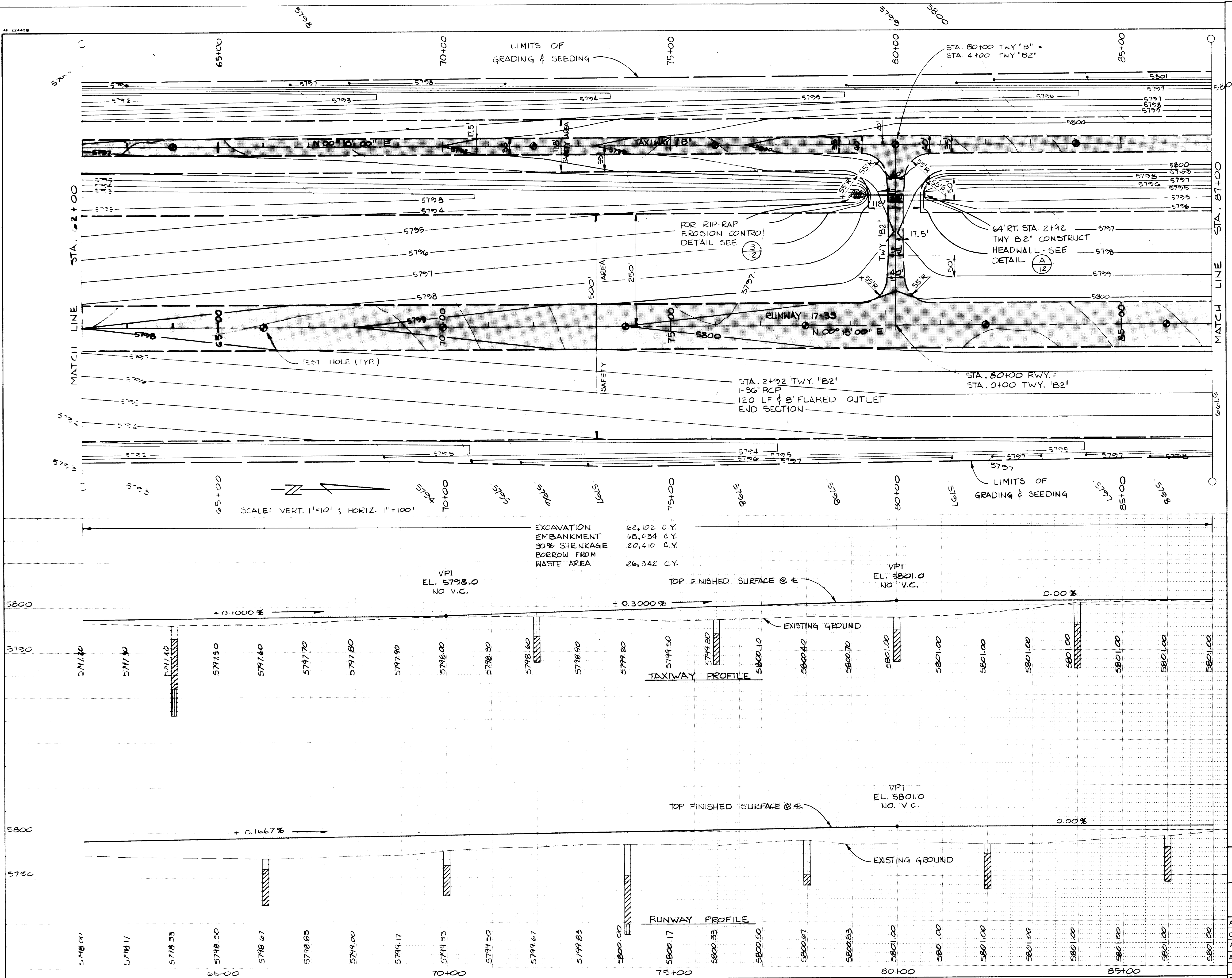
DRAWN BY PSM

CHECKED BY CML

DATE NOV, 1983

DATE NOV, 1983

DATE NOV, 1983



LEGEND
SEE SHEET 4 OF 24

NOTE:
SEE SHEET 9 OF 24
FOR TWY "B2"
PLAN AND PROFILE

RECORD DRAWING

DATE: 12/1/84
BY: [Signature]
1 2 3 4 5 6 7 8 9 10 11 12
20 12 1 2 0 6 8 5



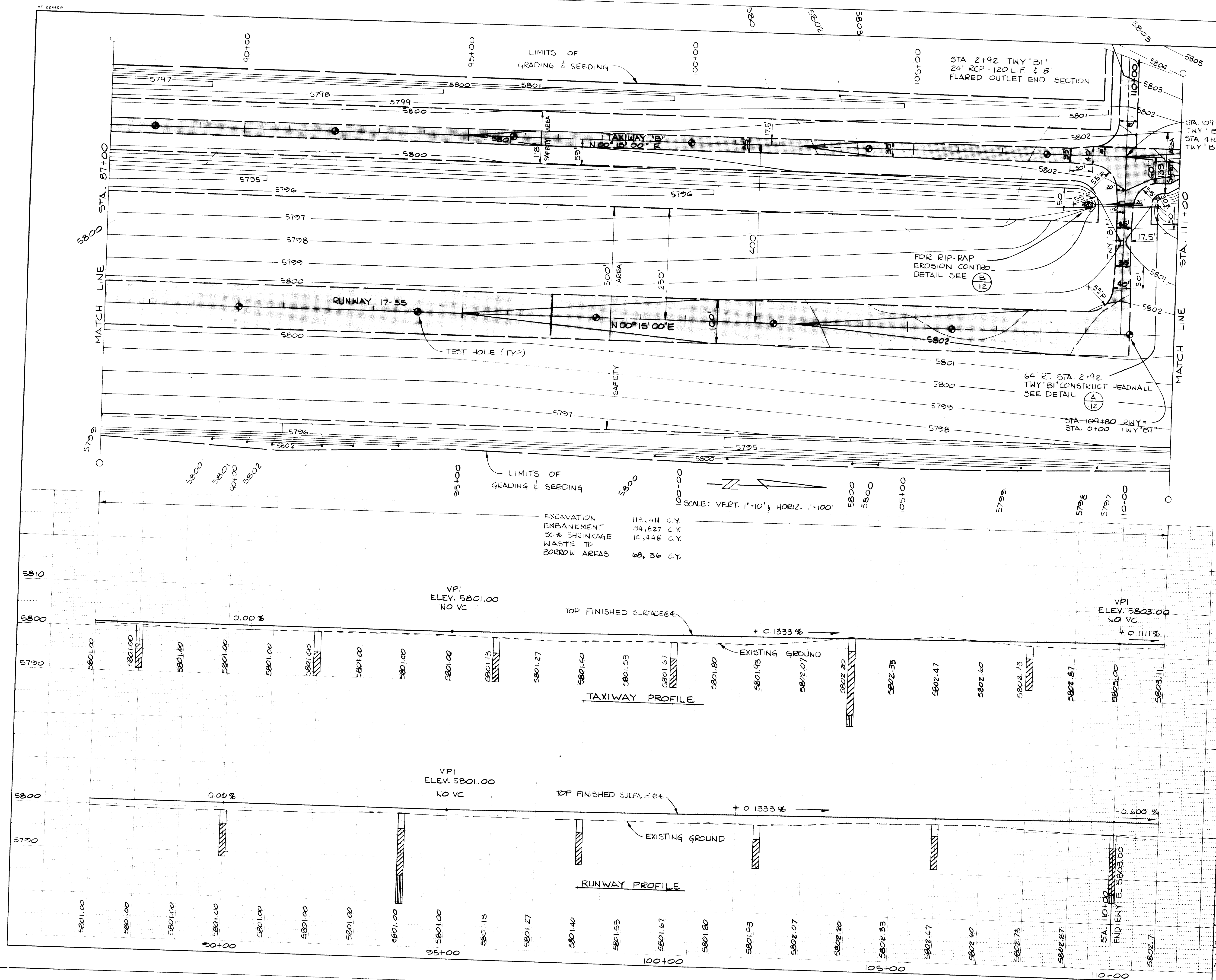
CITY OF ALBUQUERQUE
DEPARTMENT OF AVIATION

TITLE: RUNWAY & TAXIWAY PLAN & PROFILE

APPROVALS			APPROVALS		
ENGINEER	DATE		ENGINEER	DATE	
City Engineer	2/26/84		Liquid Waste	NA	2-3-84
A C E - Design	3/28/84		Traffic	NA	2-3-84
A C E - Hydrology	2/3/84		Water	NA	2-3-84

DRAWING NO. 1692 MAP NO. F-6 SHEET 6 OF 24

AS BUILT INFORMATION			BENCH MARKS			SURVEY INFORMATION			ENGINEER'S SEAL		
CONTRACTOR	DATE		SEE SHEET 4 OF 24 FOR HORIZONTAL CONTROL	DATE		FIELD NOTES	BY	DATE	[Signature]		
STAKES BY	DATE		SEE SHEET 5 OF 24 FOR VERTICAL CONTROL	DATE		NO.					
FIELD ASSESSANCE BY	DATE										
DATE									REMARKS	BY	
DATE									DESIGN		
DATE									DESIGNED BY K.W.G.	DATE NOV. 1983	
DATE									DRAWN BY P.S.M.	DATE NOV. 1983	
DATE									CHECKED BY C.M.L.	DATE NOV. 1983	



LEGEND

SEE SHEET 4 OF 24

NOTE:
SEE SHEET 10 OF 24 FOR
CONTINUATION OF TAXIWAY "B"

NOTE:
IF ADD ALTERNATE 1 IS AWARDED,
TAXIWAY "B" FROM STA 4+20 TO
STA 7+00 WILL NOT BE
CONSTRUCTED.

NOTE:
TAXIWAY "B" FROM STA 110+00 TO
STA 125+92 IS INCLUDED IN
ADD ALTERNATE 1.

NOTE:
SEE SHEET 10 OF 24
FOR TWY "B" PLAN AND PROFILE

RECORD DRAWING

DATE 11/15/85
BY KWC

26 16920785



SOVAY ENGINEERS, INC.
ALBUQUERQUE
HOUSTON • SPOKANE • AUSTIN • BATON ROUGE

CITY OF ALBUQUERQUE
DEPARTMENT OF AVIATION

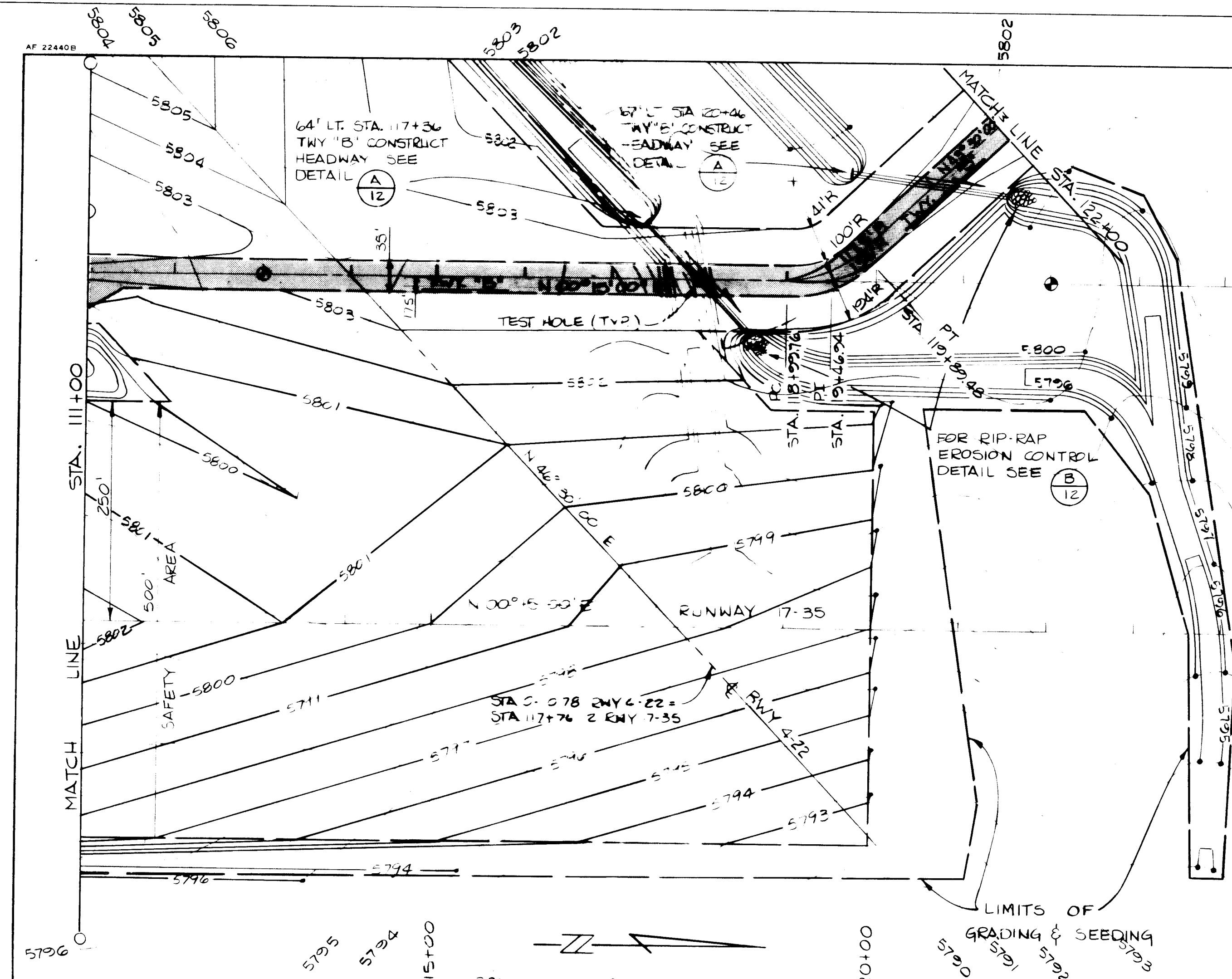
TITLE: RUNWAY & TAXIWAY PLAN & PROFILE
STA. 87+00 TO STA. 111+00

DOUBLE EAGLE II AIRPORT AIP-3-35-0002-03

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	2/1/84	2/1/84	Liquid Waste	2/1/84	2/1/84
ACE - Design	2/1/84	2/1/84	Traffic	2/1/84	2/1/84
ACE - Hydrology	2/1/84	2/1/84	Water	2/1/84	2/1/84

DRAWING NO. 1692 MAP NO. F-6 SHEET 7 OF 7

SURVEY INFORMATION		BENCH MARKS		AS BUILT INFORMATION	
NO.	BY	DATE	NO.	CONTRACTOR	DATE
			SEE SHEET 4 OF 24 FOR	HORIZONTAL CONTROL	
			SEE SHEET 5 OF 24 FOR	VERTICAL CONTROL	
ENGINEER'S SEAL		REVISIONS		MICRO-FILM INFORMATION	
NO.	DATE	REMARKS	BY	NO.	DATE
		DESIGN			
		DESIGNED BY KWC			
		DRAWN BY PCM			
		CHECKED BY CML			
		DATE NOV 1985			
		DATE NOV 1985			
		DATE NOV 1985			



CURVE DATA

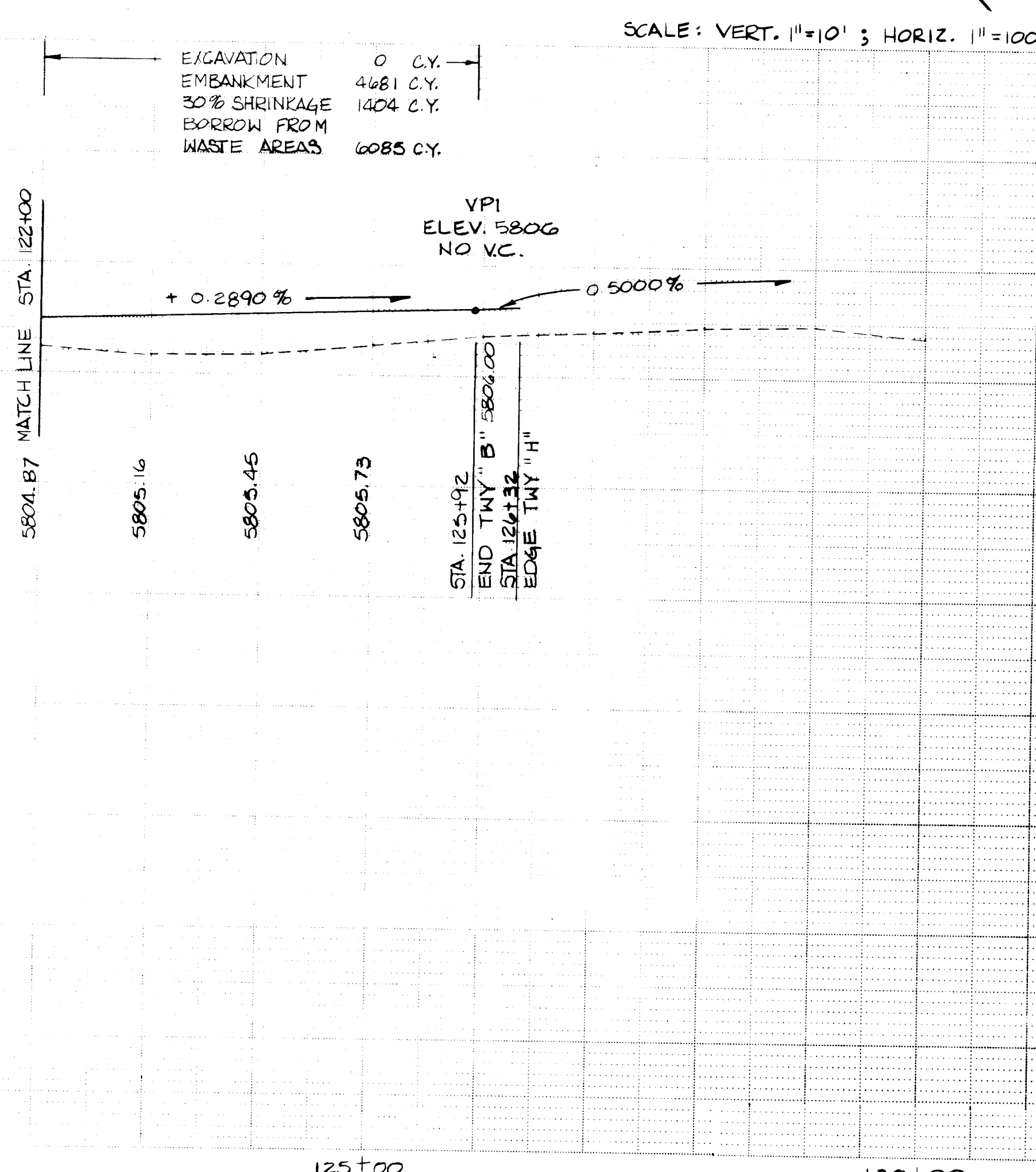
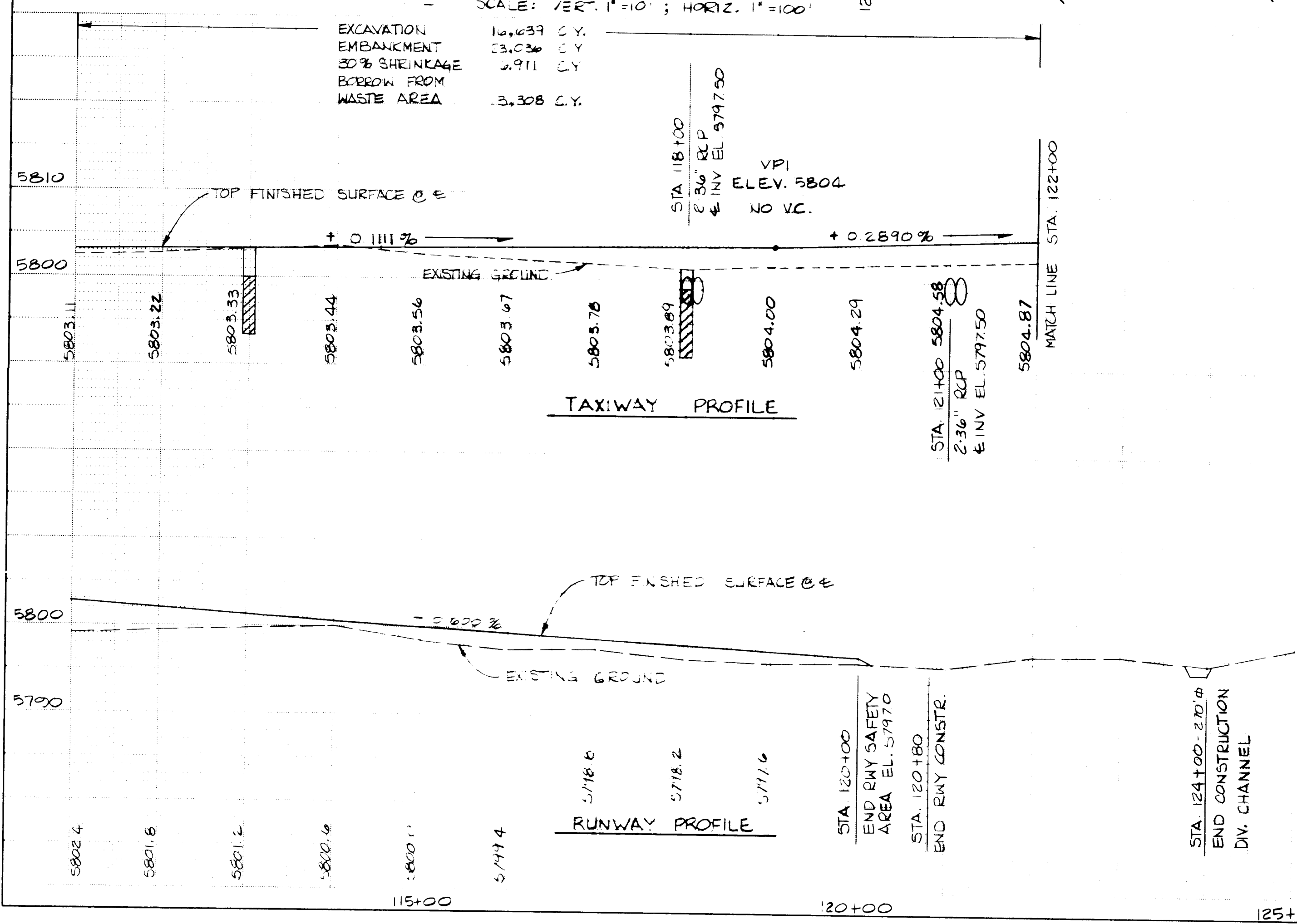
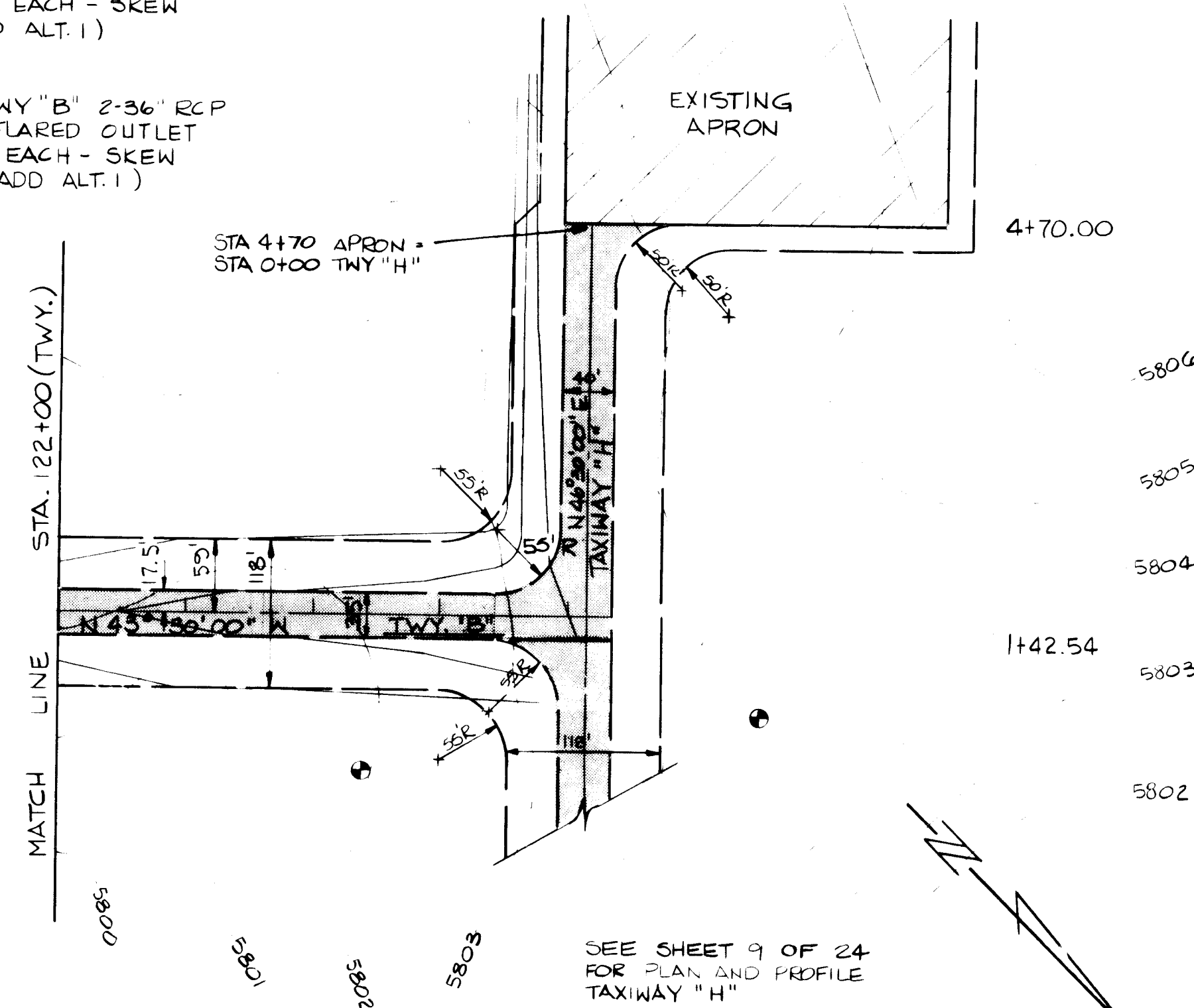
$\Delta = 43^\circ 45'$ LT.
 $R = 117.5'$
 $T = 47.18'$
 $L = 89.72'$

STA. 121+00 TWY "B" 2-36" RCP
182 L.F. & 8' FLARED OUTLET
END SECTION EACH - SKEW
51° RHF (ADD ALT. 1)

STA. 118+00 TWY "B" 2-36" RCP
176 L.F. & 8' FLARED OUTLET
END SECTION EACH - SKEW
46° 30' RHF (ADD ALT. 1)

NOTE:
OUTLET CHANNELS
TO BE FIELD ALIGNED
& STAKED BY THE
ENGINEER.

NOTE:
TAXIWAY "B" FROM STA. 110+00 TO
STA. 125+92 IS UNDER ADD ALTERNATE 1.



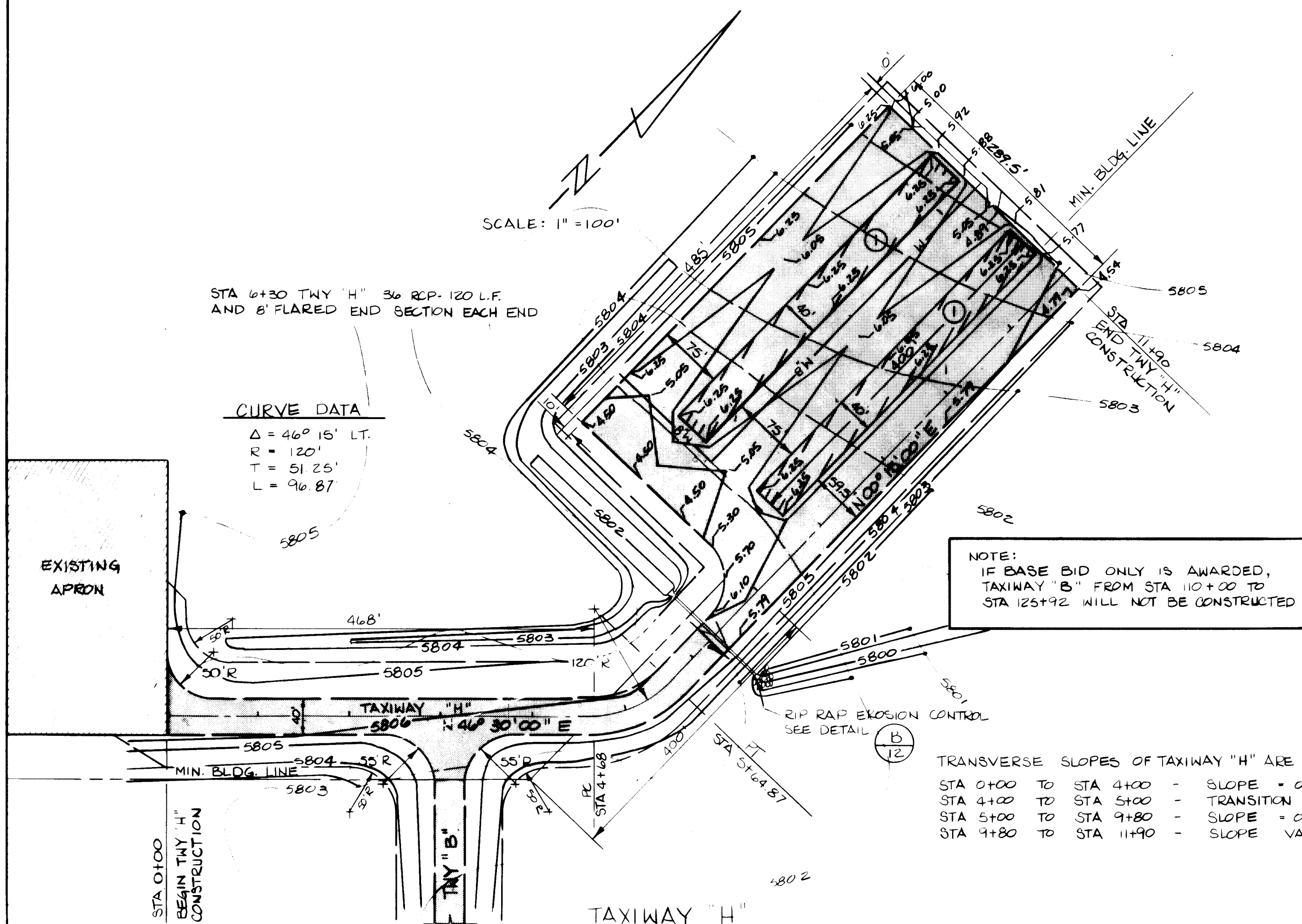
LEGEND
SEE SHEET 4 OF 24

AS BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		ENGINEER'S SEAL	
CONTRACTOR	DATE	SEE SHEET 4 OF 24 FOR HORIZONTAL CONTROL	SEE SHEET 5 OF 24 FOR VERTICAL CONTROL	FIELD NOTES	DATE	NO.	BY
INSPECTOR'S	DATE						
FIELD ENGINEER	DATE						
VERIFICATION BY	DATE						
CORRECTED BY	DATE						
MICRO-FILM INFORMATION							
RECORDED BY	DATE						
NO.							

RECORD DRAWING
DATE
BY

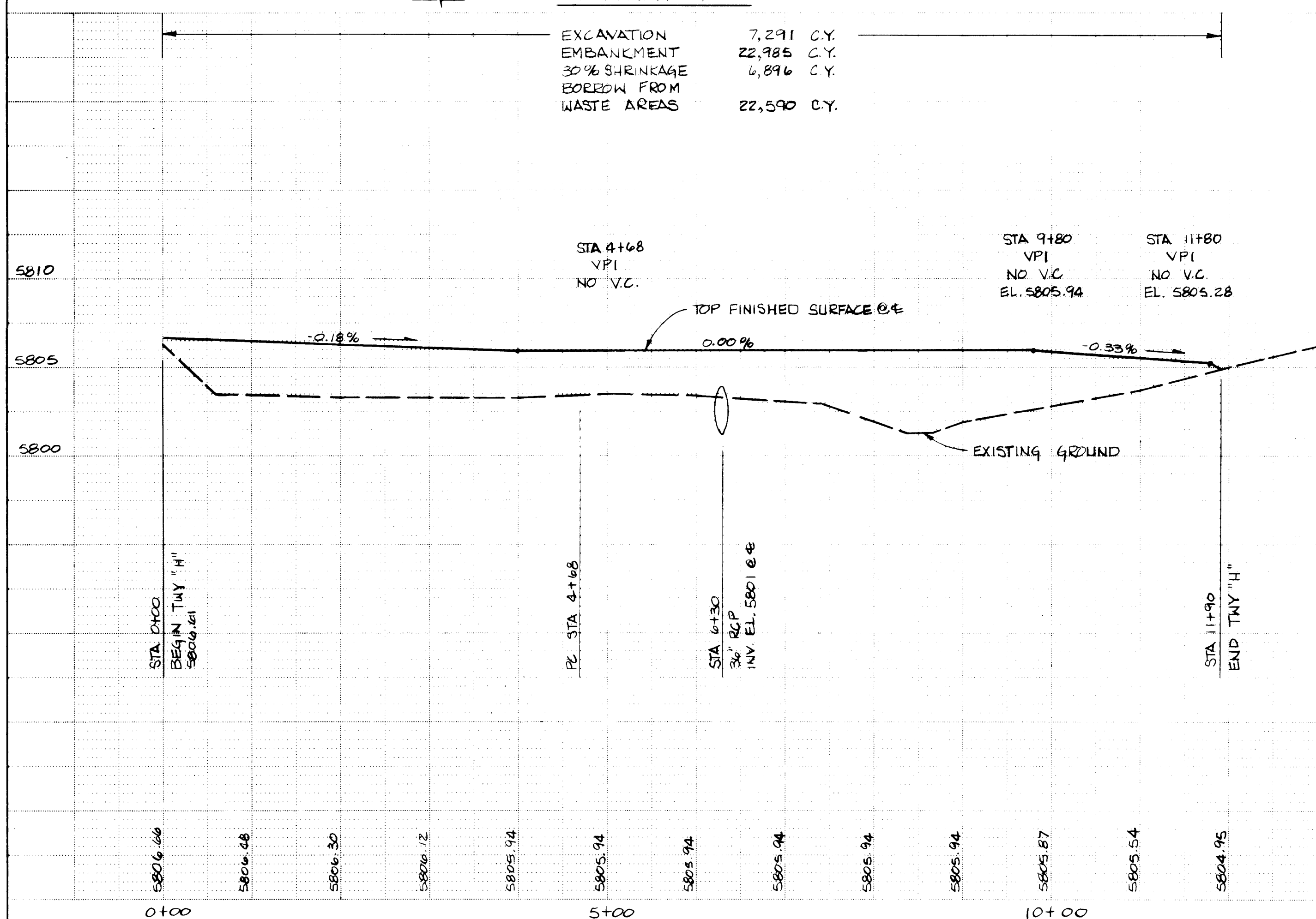
BOVAY ENGINEERS, INC.
ALBUQUERQUE
HOUSTON • SPOKANE • AUSTIN • BATON ROUGE

CITY OF ALBUQUERQUE DEPARTMENT OF AVIATION					
TITLE: RUNWAY & TAXIWAY PLAN & PROFILE					
DOUBLE EAGLE II AIRPORT			AIP-3-35-0002-03		
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	<i>[Signature]</i>	5/6/84	Liquid Waste	NA	10/3/84
ACE-Design	<i>[Signature]</i>	8/6/84	Traffic	NA	10/3/84
ACE-Hydrology	<i>[Signature]</i>	2/3/89	Water	NA	10/3/84
G.A. <i>[Signature]</i> 2-3-89					
DRAWING NO.	1692	MAP NO.	F-6	SHEET	8 OF 24



TAXIWAY "H"

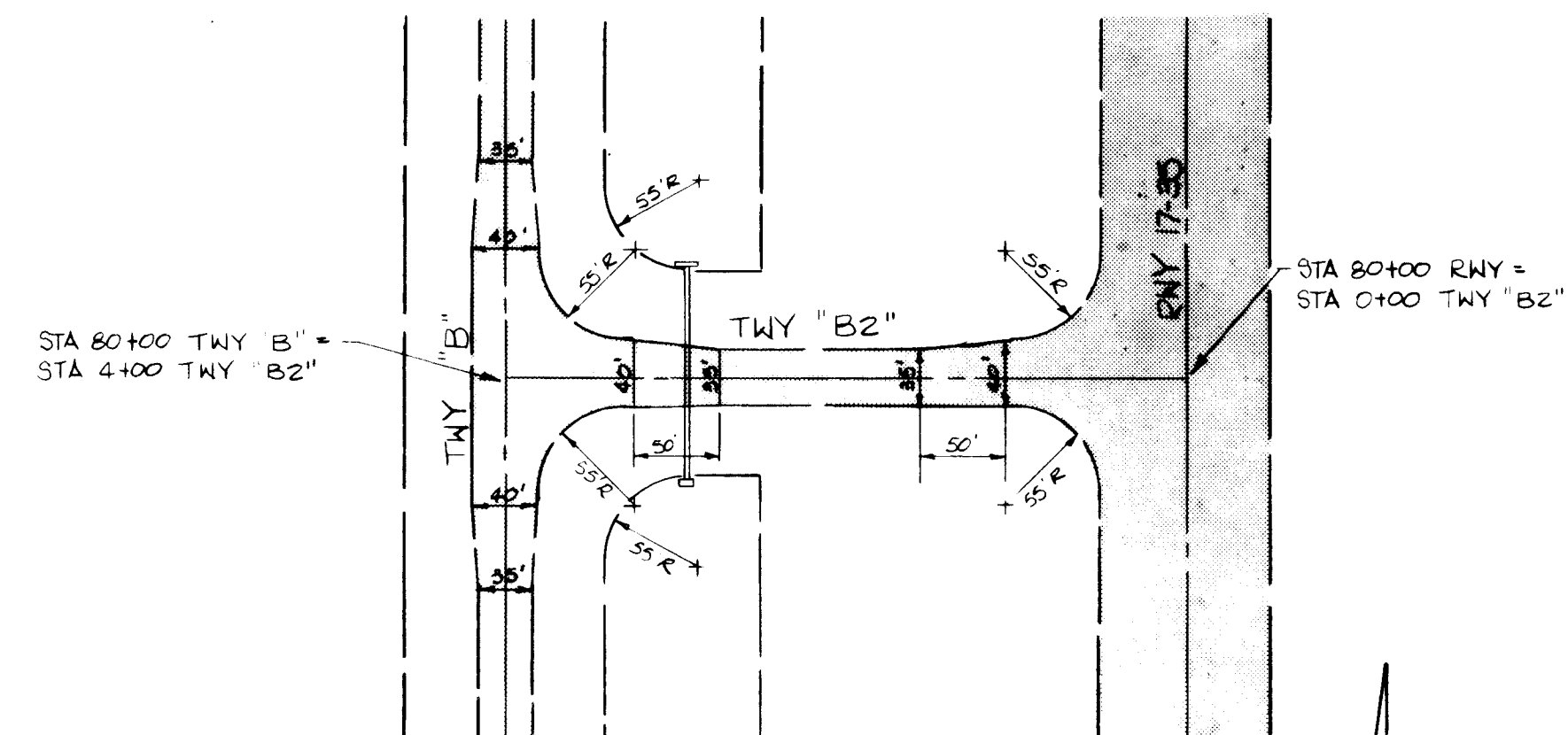
EXCAVATION 7,291 C.Y.
 EMBANKMENT 22,985 C.Y.
 30% SHRINKAGE 6,896 C.Y.
 BORROW FROM WASTE AREAS 22,590 C.Y.



LEGEND

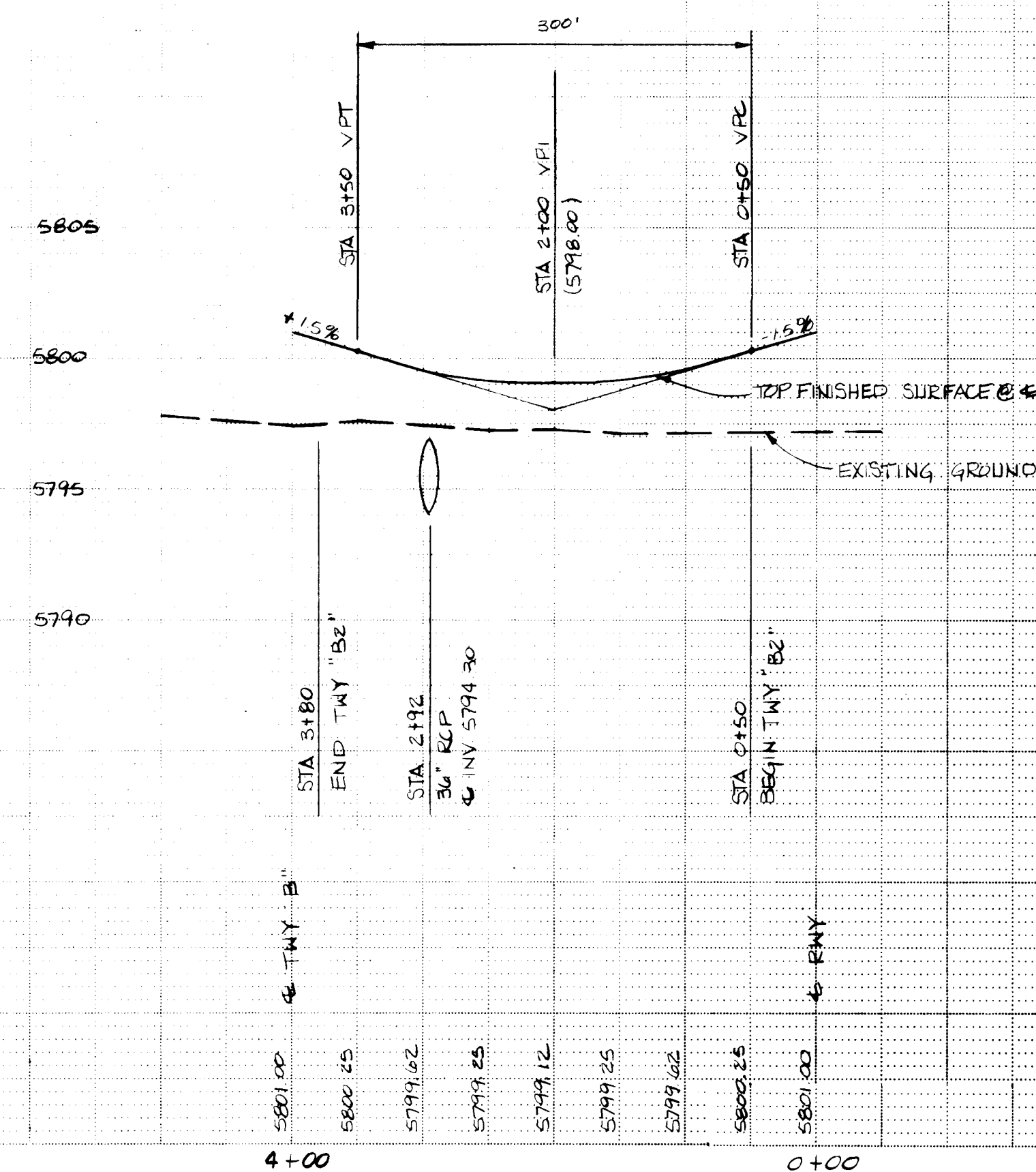
- ① TEE HANGER (FUTURE)
 EXISTING PAVEMENT
 PAVEMENT THIS PROJECT
 8" W 8" WATER LINE THIS PROJECT

SEE SHEET 6 OF 24 FOR CULVERT AND RIP RAP INFO.



TAXIWAY "B2"

EXCAVATION & EMBANKMENT QUANTITIES INCLUDED ON SHEET 6.



LEGEND

SEE SHEET 4 OF 24

AS BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		ENGINEER'S SEAL		REVISIONS		MICRO-FILM INFORMATION	
CONTRACTOR	DATE	CONTRACTOR	DATE	NO.	BY	NO.	DATE	NO.	DATE	NO.	DATE
SEE SHEET 4 OF 24 FOR HORIZONTAL CONTROL		SEE SHEET 5 OF 24 FOR VERTICAL CONTROL									
INSPECTOR'S	DATE	INSPECTOR'S	DATE								
ACCURACY BY	DATE	ACCURACY BY	DATE								
VERIFICATION BY	DATE	VERIFICATION BY	DATE								
COMPILED BY	DATE	COMPILED BY	DATE								
RECORDED BY	DATE	RECORDED BY	DATE								

RECORD DRAWING
 DATE 11/1/84
 BY [Signature]

BOVAY ENGINEERS, INC.
 ALBUQUERQUE
 HOUSTON • SHREVEPORT • AUSTIN • BATON ROUGE

CITY OF ALBUQUERQUE
 DEPARTMENT OF AVIATION

TITLE: PLAN & PROFILE TAXIWAY "H" & "B2"				AIP-3-35-0002-03			
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE		
City Engineer	[Signature]	11/1/84	Liquid Waste	NA	11/1/84	DESIGNED BY	KWC
A C E - Design	[Signature]	11/1/84	Traffic	NA	11/1/84	DRAWN BY	DMR
A C E - Hydrology	[Signature]	11/1/84	Water	NA	11/1/84	CHECKED BY	CML
GA 11/1/84				2-3-84			
DRAWING NO.	1692	MAP NO.		SHEET	9	OF 24	

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

NOTE:
IF ADD. ALT. *1 IS ACCEPTED,
TAXIWAY "B1" FROM STA 4+20 TO
STA 7+27 WILL NOT BE CONSTRUCTED.

CURVE DATA
Δ = 46°-15'
R = 120'
T = 47.13'
L = 96.86'

IRON PIN
STA 10+00
RWY 4-22

STA 109+80 TWY "B"
STA 4+00 TWY "B"

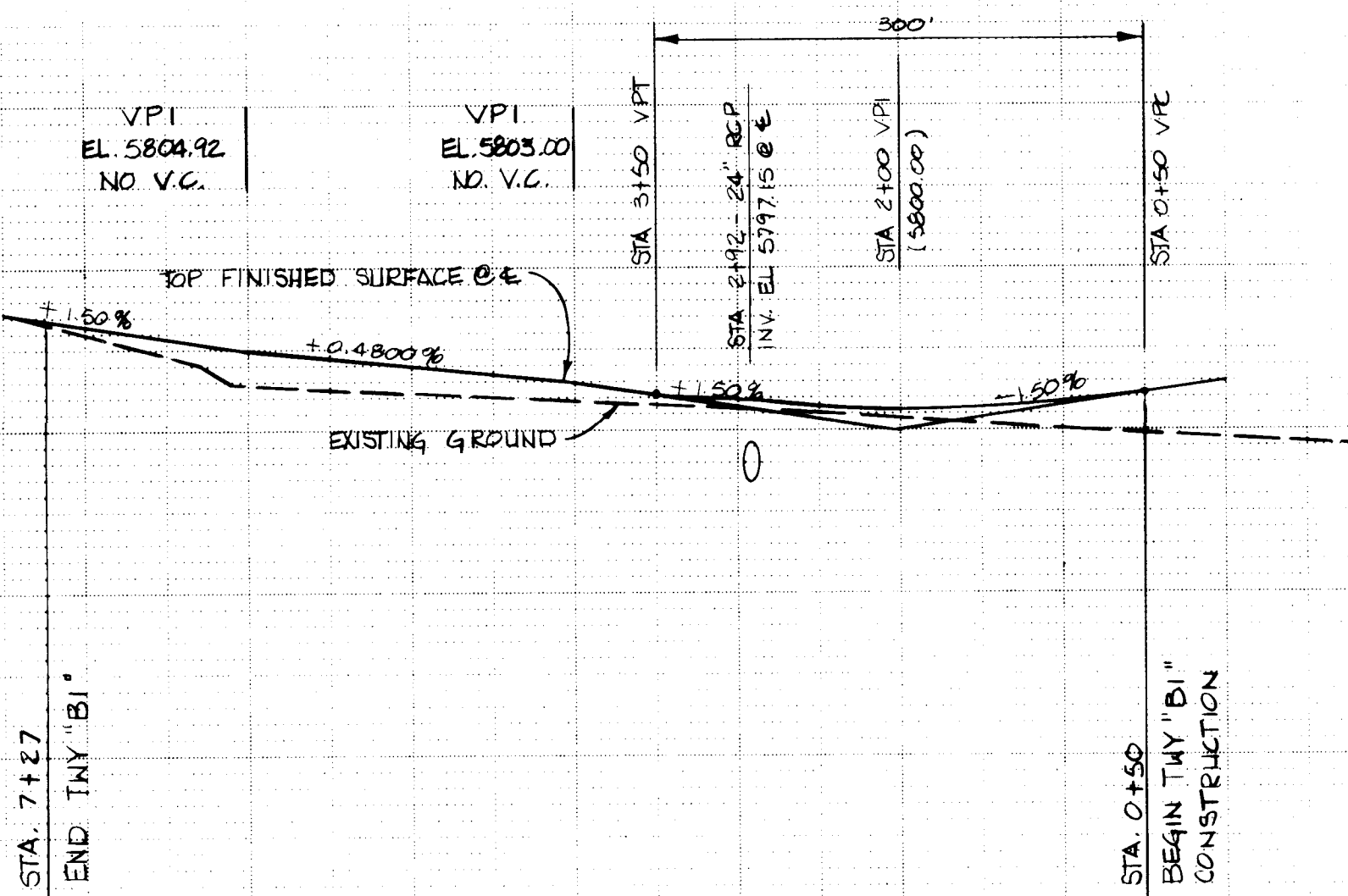
SEE SHEET 7 OF 24
FOR CULVERT AND
RIP RAP INFO.

STA 109+80 RWY =
STA 0+00 TWY "B1"

TAXIWAY "B1"

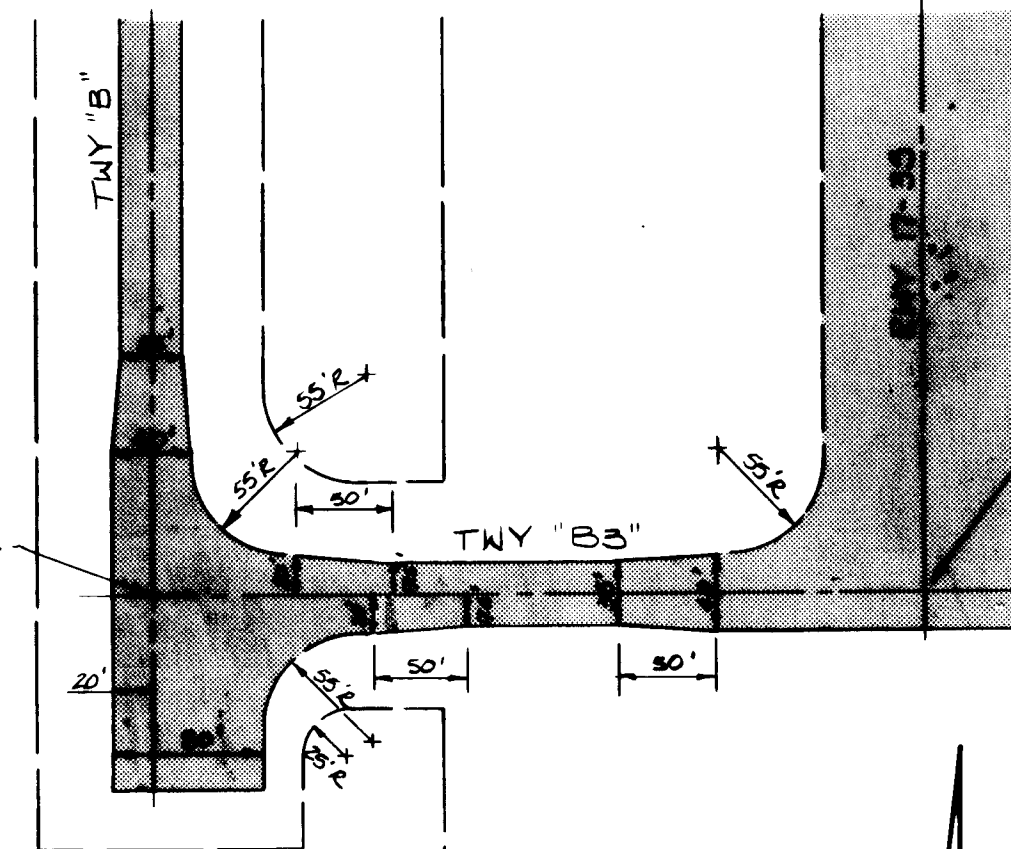
EXCAV. 1171 C.Y.
EMBANK 2343 C.Y.
30% SHINK 703 C.Y.
BORROW 1875 C.Y.

EXCAVATION & EMBANKMENT
QUANTITIES INCLUDED
ON SHEET 7



5807.17
5806.42
5806.67
5804.92
5804.44
5803.96
5803.48
5803.00
5802.25
5801.62
5801.25
5801.12
5801.25
5801.62
5802.25
5803.00
5+00
0+00

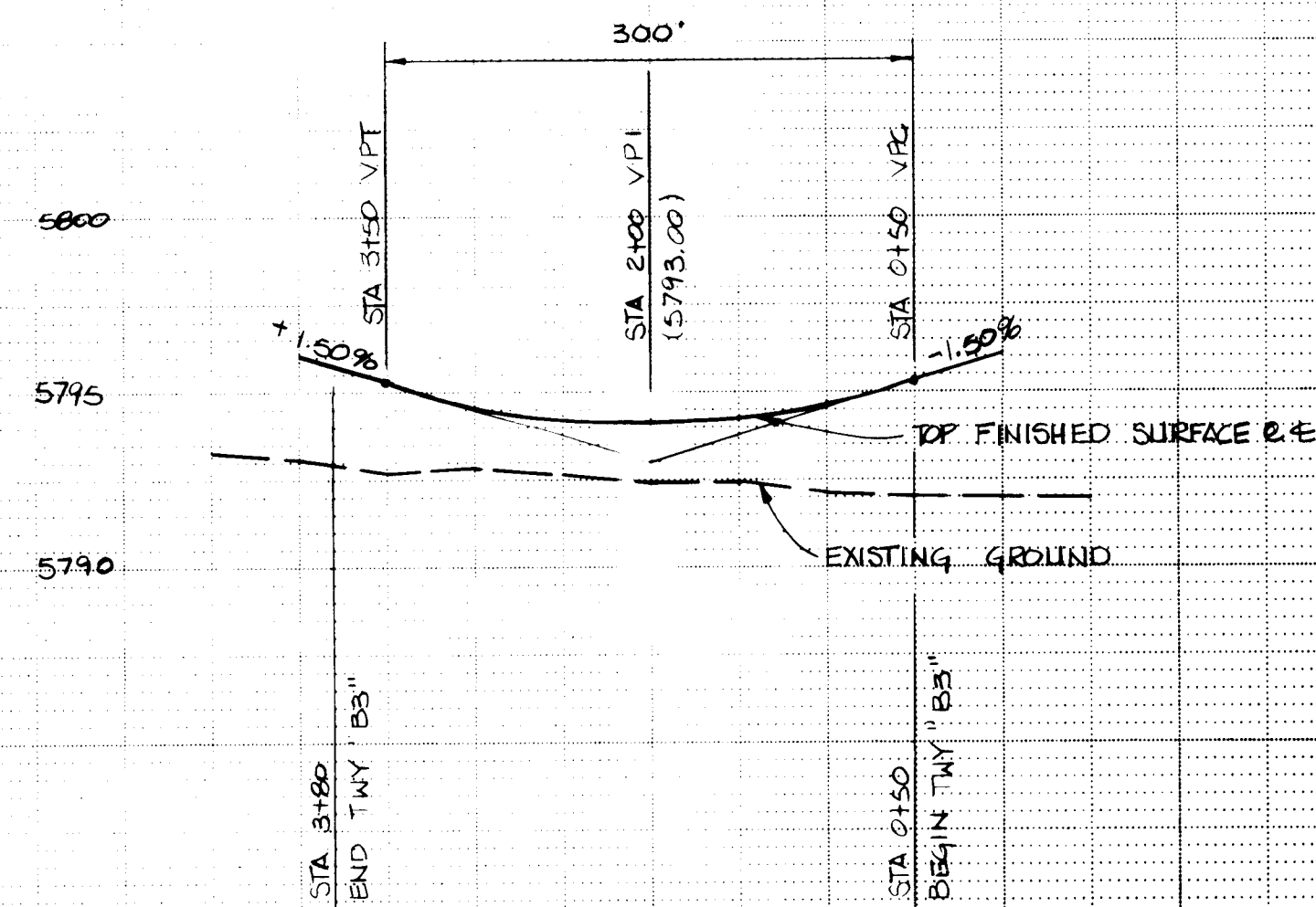
STA 50+20 TWY "B3"
STA 4+00 TWY "B3"



SCALE:
HORIZ.: 1" = 100'
VERT.: 1" = 5'

TAXIWAY "B3"

EXCAVATION & EMBANKMENT
QUANTITIES INCLUDED
ON SHEET 5



5796.00
5794.25
5794.62
5794.28
5794.15
5794.28
5794.65
5794.28
5794.62
4+00
0+00

LEGEND
SEE SHEET 4 OF 24

RECORD DRAWING

DATE 11/15/84
BY [Signature]

BOVAY ENGINEERS, INC.
ALBUQUERQUE
HOUSTON • SPOKANE • AUSTIN • BATON ROUGE

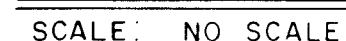
CITY OF ALBUQUERQUE
DEPARTMENT OF AVIATION

TITLE: PLAN & PROFILE
TAXIWAY "B1" & "B3"

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	[Signature]	11/15/84	Liquid Waste	NA Wfz	2-3-84
ACE - Design	[Signature]	11/15/84	Traffic	NA Wfz	2/4/84
ACE - Hydrology	[Signature]	11/15/84	Water	NA Wfz	2-3-84

DRAWING NO. 1692
MAP NO. [Blank]
SHEET 10 OF 24

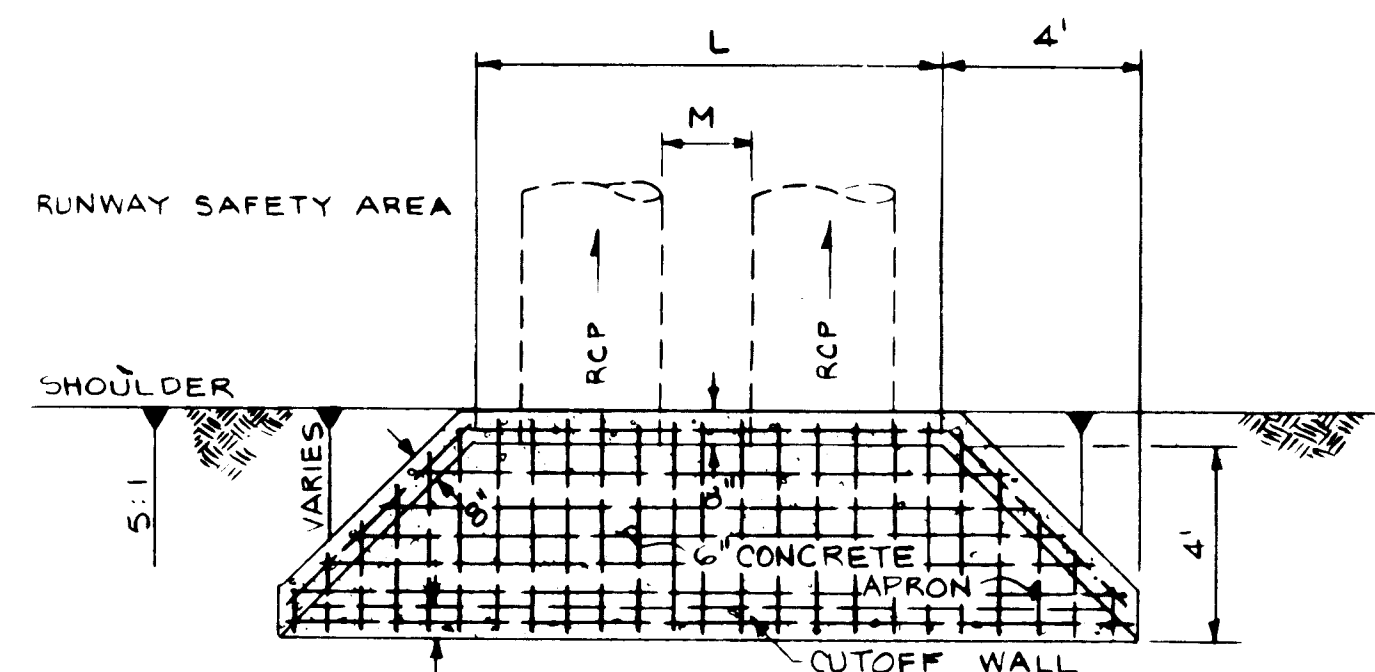
SURVEY INFORMATION			BENCH MARKS			AS BUILT INFORMATION		
NO.	BY	DATE	SEE SHEET 4 OF 24 FOR HORIZONTAL CONTROL	SEE SHEET 5 OF 24 FOR VERTICAL CONTROL	CONTRACTOR	DATE	NO.	DATE
					INSPECTOR'S	DATE		
					FIELD CHECK BY	DATE		
					VERIFICATION BY	DATE		
					CORRECTED BY	DATE		
					MICRO-FILM INFORMATION			
					RECORDED BY	DATE		



CITY OF ALBUQUERQUE					
DEPARTMENT OF AVIATION					
TITLE: TYPICAL RUNWAY, TAXIWAY & APRON SECTIONS					
DOUBLE EAGLE II AIRPORT			AIP-3-35-0002-03		
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	<i>C. J. [Signature]</i>	<i>4/30/84</i>	Liquid Waste	<i>WA [Signature]</i>	<i>2-3-84</i>
A C E - Design	<i>[Signature]</i>	<i>3/8/84</i>	Traffic	<i>WA [Signature]</i>	<i>2-4-84</i>
A C E - Hydrology	<i>[Signature]</i>	<i>2/3/84</i>	Water	<i>WA [Signature]</i>	<i>2-3-84</i>
CA <i>[Signature]</i> AM <i>2-3-84</i>					
DRAWING NO.	1692		MAP NO.	SHEET	OF
				11	24

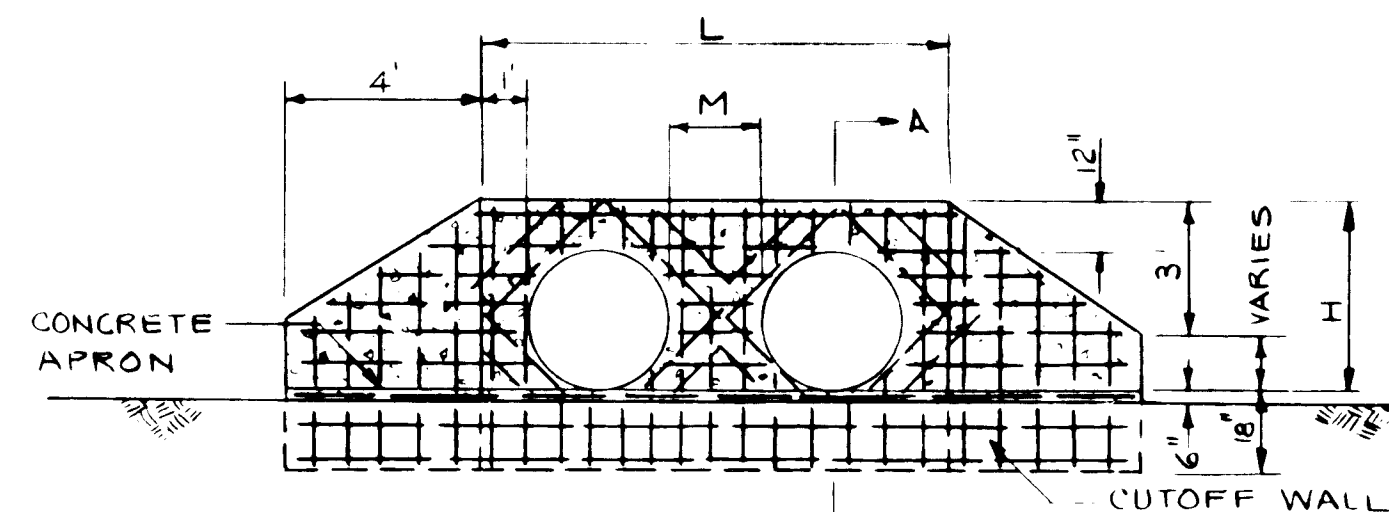
HEADWALL SUMMARY STRUCTURE

LOCATION	L	H	M
TXV "B" 53+00	69 1/2"	52 3/4"	-
TXV "B2" 2+92	69 1/2"	52 3/4"	-
TXV "B" 118+00	151"	52 3/4"	36"
TXV "B" 121+00	151"	52 3/4"	36"
TXV "B1" 2+92	57 1/2"	40 3/4"	-



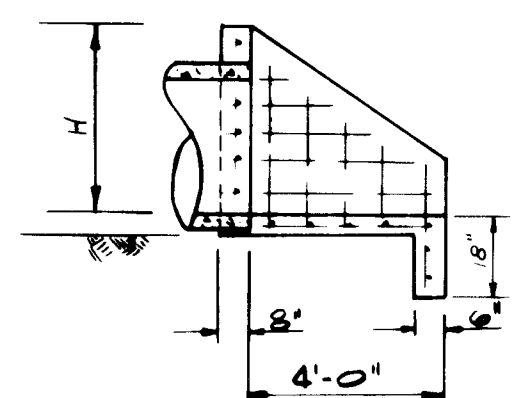
PLAN

- NOTES: 1) CUTOFF WALL IS TO BE POURED MONOLITHICALLY WITH APRON.
2) REINFORCING STEEL FOR APRON AND WALLS TO BE #4 @ 8" O.C. E-W, CONTINUOUS, AND #4 @ 8" O.C. DIAGONAL TO BE PLACED @ CENTER OF WALL OR SLAB.



NOTE: GROOVED END OF PIPE TO BE FACING UPSTREAM

SECTION

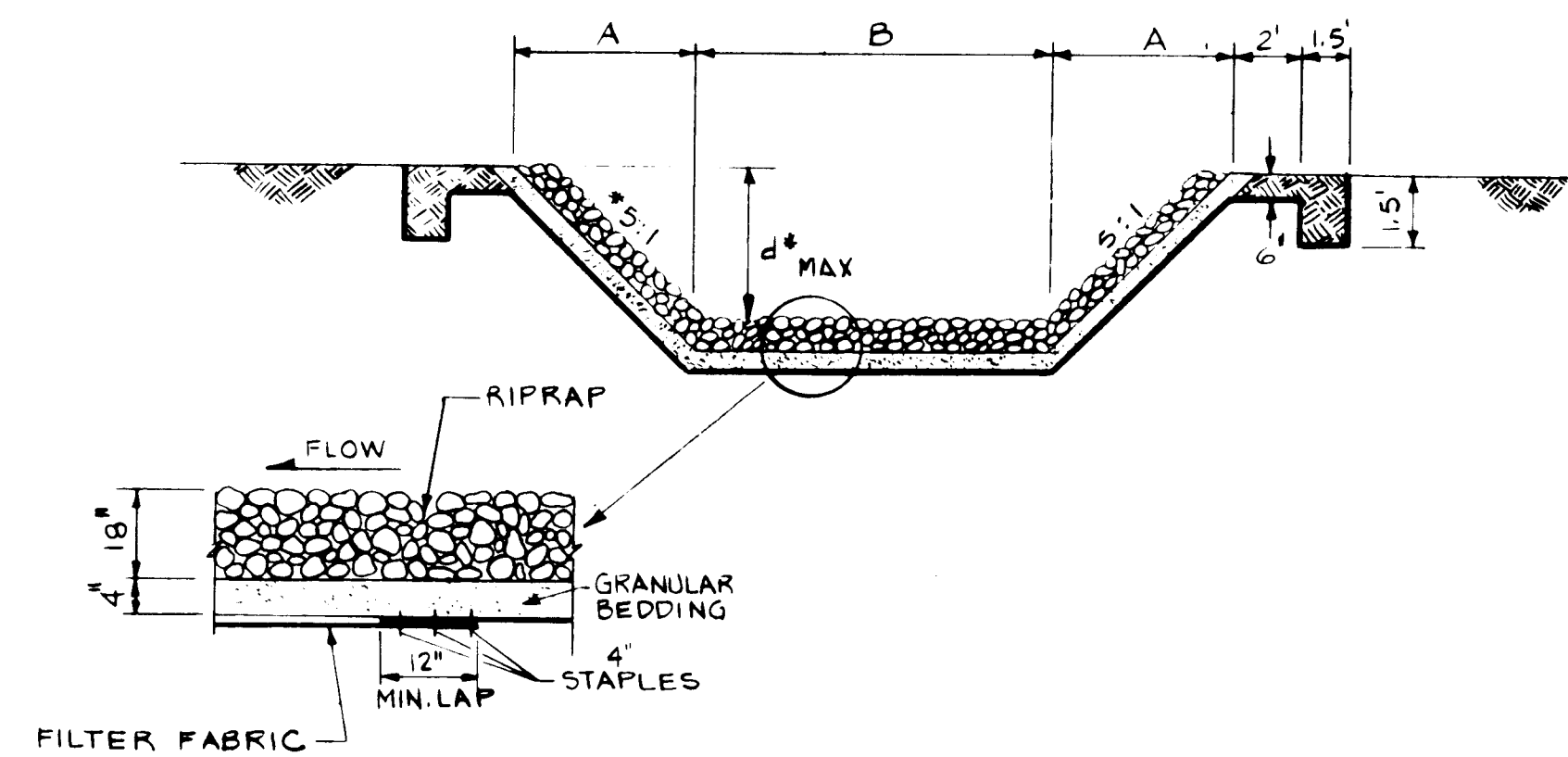


SECTION A-A

NOTE: DIAGONAL STEEL AROUND PIPES SHALL BE OF SUFFICIENT LENGTH TO ALLOW A MINIMUM OF 3" CLEARANCE FROM ENDS OF PIPES AND WILL VARY DEPENDING ON SIZE OF PIPE.

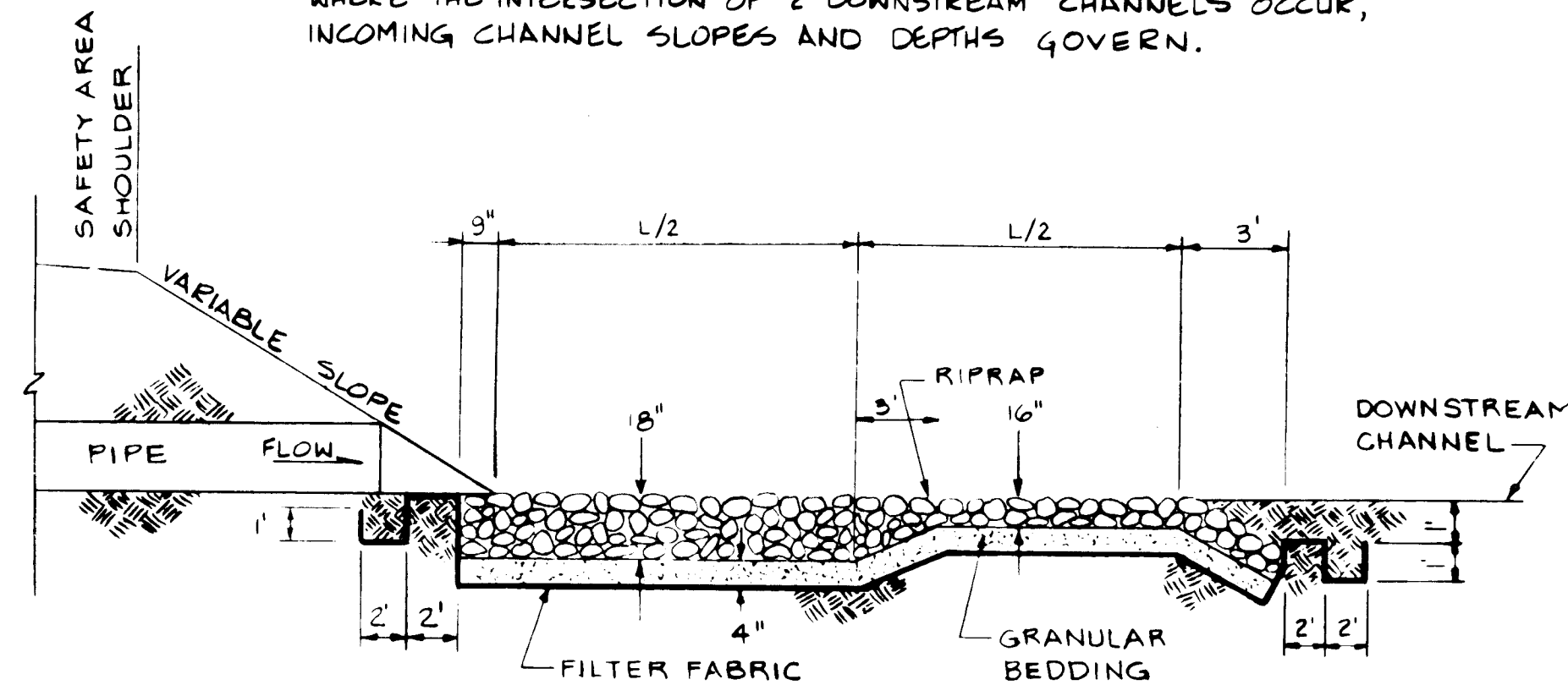
TAXIWAY CULVERT INLET HEADWALL

SCALE: NONE



SECTION A-A

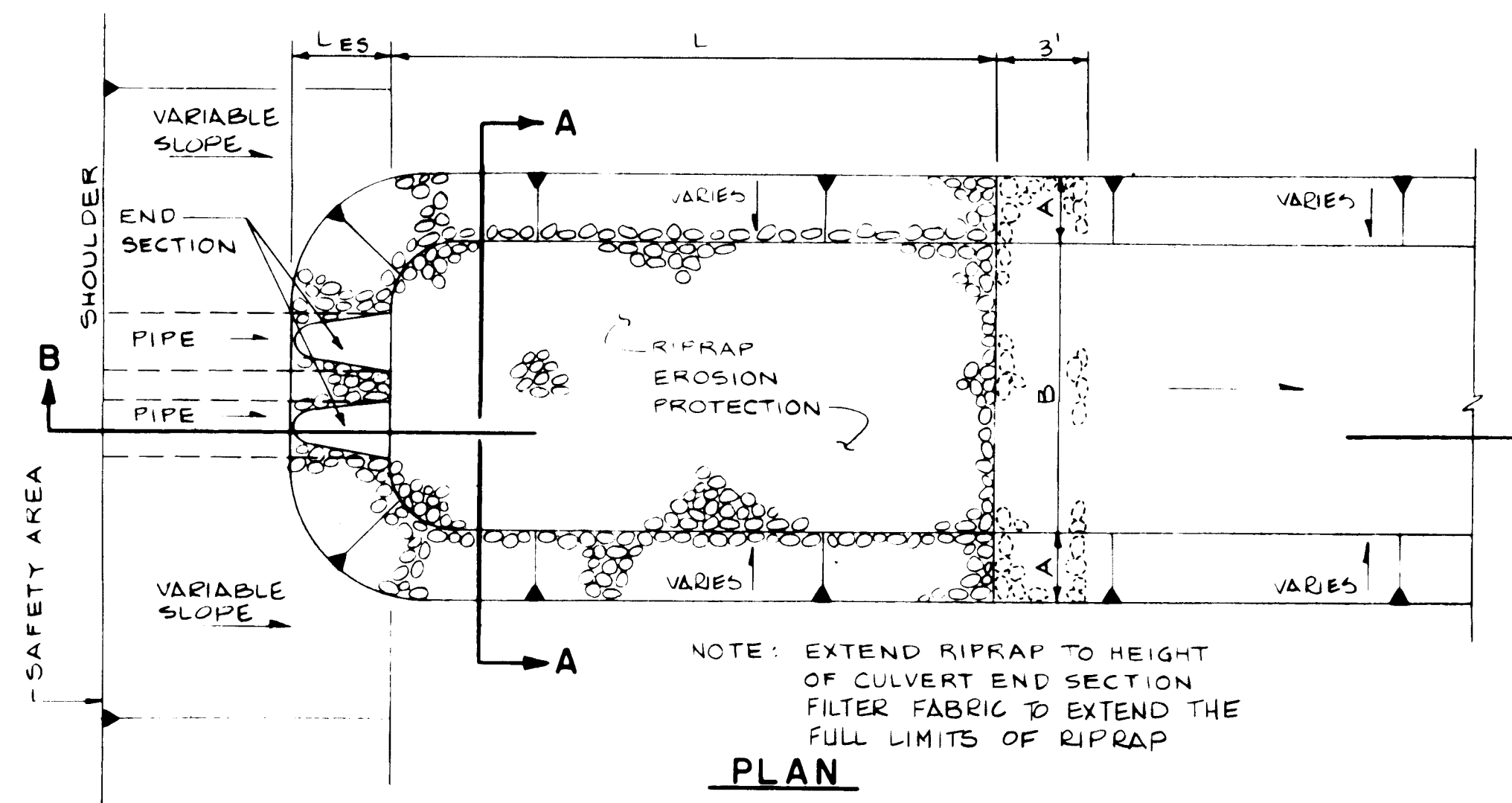
* WHERE THE INTERSECTION OF 2 DOWNSTREAM CHANNELS OCCUR, INCOMING CHANNEL SLOPES AND DEPTHS GOVERN.



SECTION B-B

NOTE: FILTER FABRIC SPECIFICATION

SHALL WEIGH A MIN OF 6.5 OZ./S.Y. SHALL BE A MIN. OF 19 MIL THICKNESS, AND SHALL HAVE A WATER FLOW RATE OF 120 GAL./MIN./5 F



PLAN

NOTE: RIP RAP SPECIFICATION

ROCK SHALL HAVE A SPECIFIC GRAVITY OF 2.65. AT LEAST 30% OF ALL STONE BY WEIGHT SHALL BE 12" GRADATION SHALL BE AS FOLLOWS:

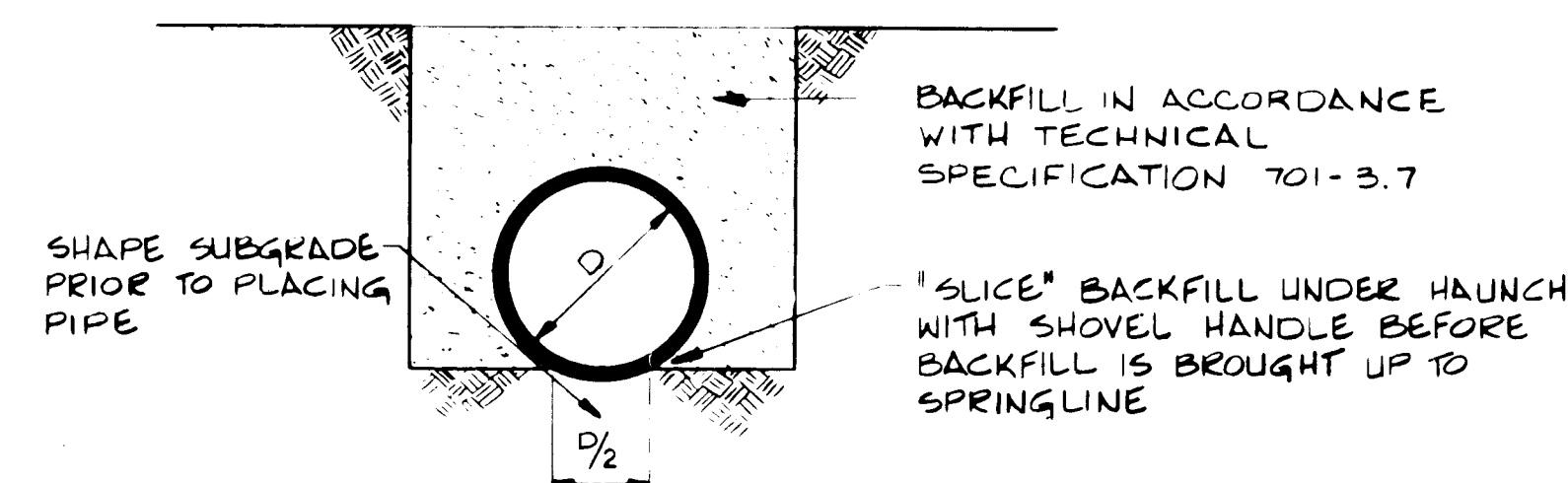
% SMALLER THAN	MINIMUM GIVEN SIZE BY WT	MINIMUM DIMENSION (IN)
70	12	12
35-55	9	9
10	2	2

OUTLET RIPRAP EROSION CONTROL

SCALE: NONE

RIP-RAP SUMMARY

LOCATION	MEDIAN ROCK SIZE (IN.)	A (FT.)	B (FT.)	d MAX (FT.)	L (FT.)
TXV "B" 53+00	9"	15'	10'	3.0	30'
TXV "B2" 2+92	9"	15'	10'	3.0	30'
TXV "B" 118+00	9"	15'	20'	3.0	10'
TXV "B" 121+00	9"	15'	20'	3.0	10'
TXV "B1" 2+92	9"	10'	10'	2.0	10'
TXV "H" 6+30	9"	15'	10'	3.0	30'



- NOTES: 1) ALL JOINTS AND LIFT HOLES ARE TO BE MORTAR SEALED UNLESS O-RING GASKETS ARE PROVIDED, THEN SEAL LIFT HOLES.
2) LAST JOINT UPSTREAM IS TO HAVE GROOVED END PROJECTING.

ROUND PIPE BEDDING DETAIL C

SCALE: NONE

DRAINAGE STRUCTURE SUMMARY

LOCATION	TYPE	SIZE	INV IN	INV OUT	SLOPE %	SKEN	HEADWALL LOCATION	OUTLET TYPE	RIPRAP	L FT.	CLASS	NO. REQ'D
TXV "B" 53+00	RCP	36"	5790.80	5790.20	0.50	90°	24" RT TXV "B" 53+00	END SECTION	YES	120	III	1
TXV "B2" 2+92	RCP	36"	5794.00	5794.60	0.50	90°	64" RT TXV "B2" 2+92	END SECTION	YES	120	III	1
TXV "B" 118+00	RCP	36"	5797.72	5797.28	0.25	47°	64" LT TXV "B" 118+00	END SECTION	YES	176	III	2
TXV "B" 121+00	RCP	36"	5797.73	5797.27	0.25	51°	67" LT TXV "B" 121+00	END SECTION	YES	182	III	2
TXV "B1" 2+92	RCP	24"	5797.00	5797.30	0.25	90°	64" RT TXV "B1" 2+92	END SECTION	YES	120	III	1
TXV "H" 6+30	RCP	36"	5801.34	5800.66	0.50	90°	END SECTION	END SECTION	YES	120	III	1

1	2	3	4	5	6	7	8	9	10	11	12
2	6	1	6	7	2	1	2	9	5		

RECORD DRAWING

DATE: 11/3/87
BY: [Signature]

BOVAY ENGINEERS, INC.
ALBUQUERQUE
HOUSTON • SPOKANE • AUSTIN • BATON ROUGE

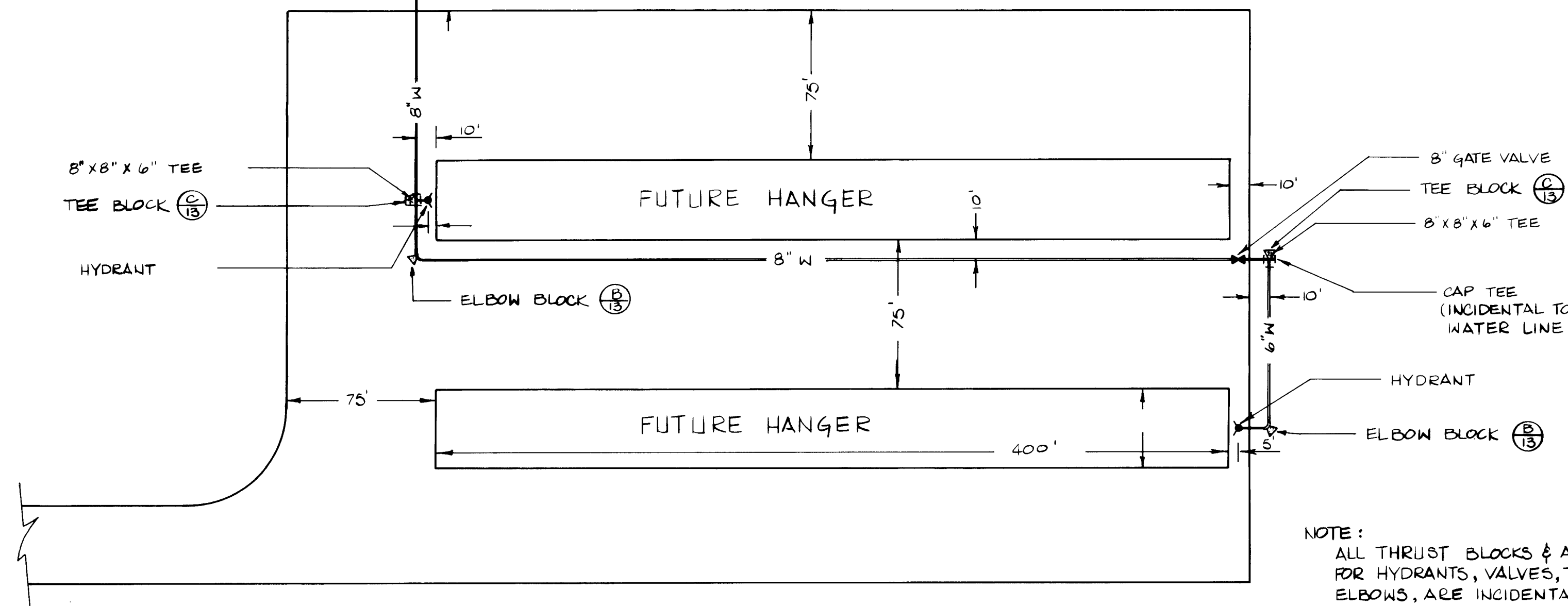
CITY OF ALBUQUERQUE
DEPARTMENT OF AVIATION

DRAINAGE DETAILS

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	[Signature]	11/3/87	Liquid Waste	W. W. [Signature]	2-5-84
ACE - Design	[Signature]	9/28/84	Traffic	W. W. [Signature]	2/4/84
ACE - Hydrology	[Signature]	2/3/84	Water	W. W. [Signature]	2-3-84
GA	ALBUQUERQUE	2-3-84			
DRAWING NO.	1692	MAP NO.		SHEET 12 OF 24	

PIPE TO BE CAPPED
AFTER PRESSURE TEST
OF LINES
(INCIDENTAL TO WATER LINE)

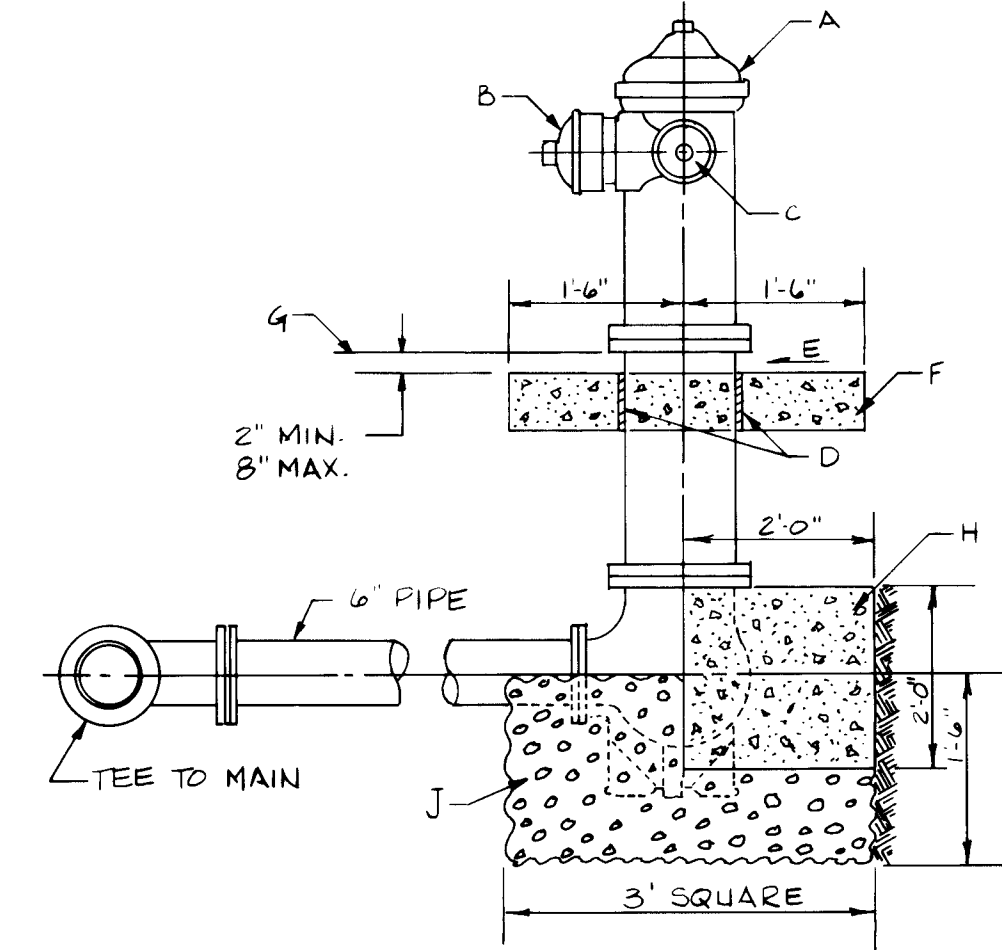
NOTE:
ALL 8" WATER LINES TO BE PLACED
AT ELEV. 5801 - TOP OF PIPE.



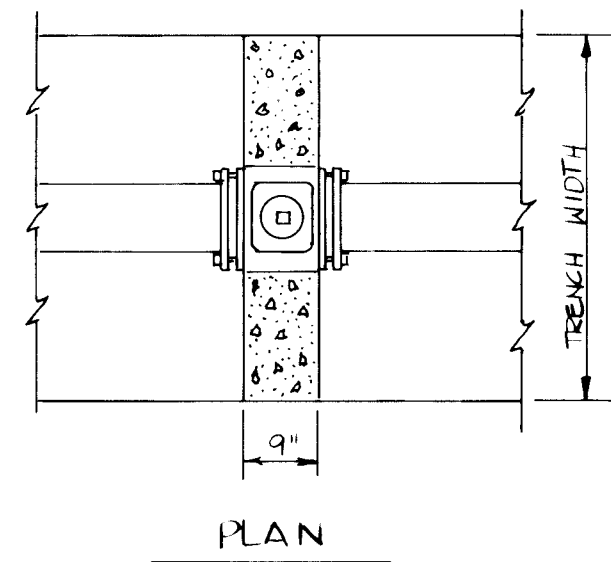
WATER LINE LAYOUT

SCALE: 1" = 50'

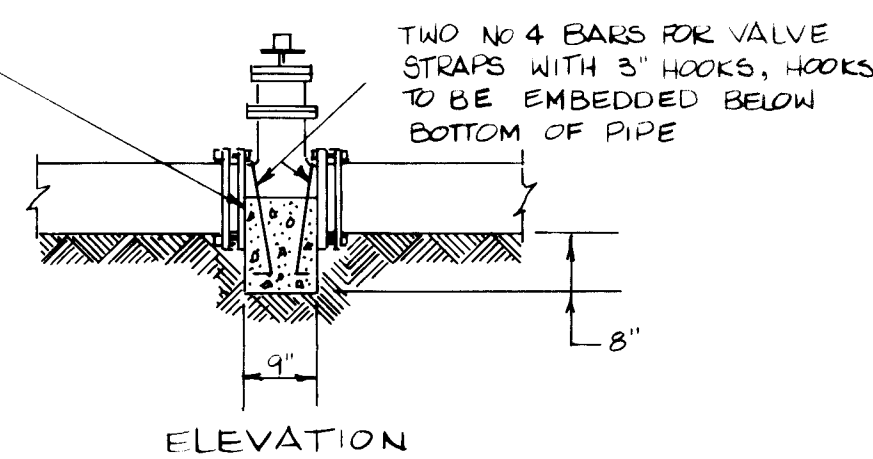
NOTE:
ALL THRUST BLOCKS & ANCHORS
FOR HYDRANTS, VALVES, TEES, &
ELBOWS, ARE INCIDENTAL TO
THEIR RESPECTIVE UNITS. CONCRETE
SHALL BE IN ACCORDANCE WITH ITEM
P-610 OF THE SPECIFICATION & SHALL
HAVE A COMPRESSIVE STRENGTH OF
3000 PSI AT 28 DAYS.



DETAIL OF FIRE HYDRANT
SETTING WITH BLOCKING

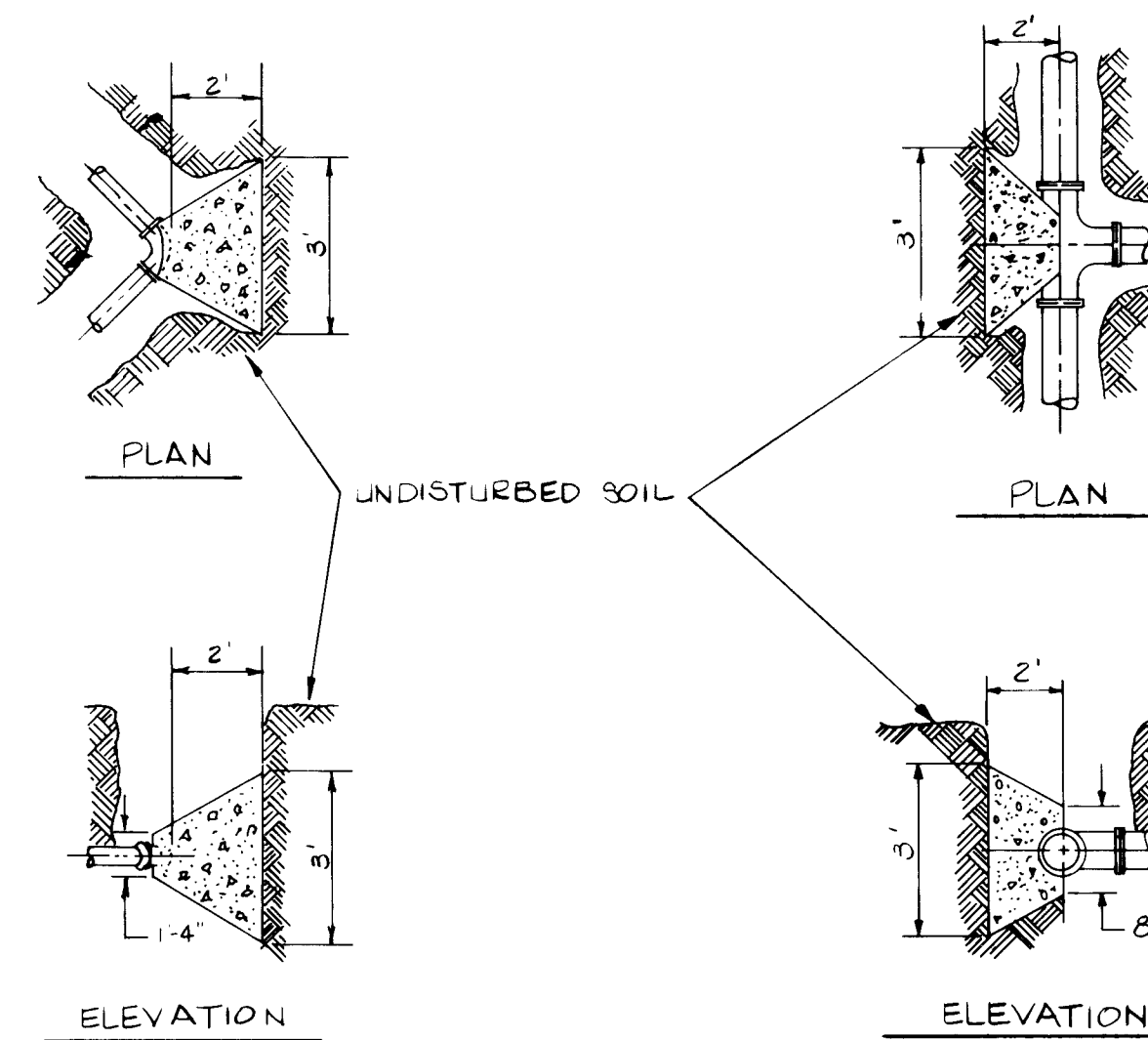


PLACE CONCRETE TO
SPRINGLINE OF PIPE



WATER VALVE ANCHORAGE

(A)
13

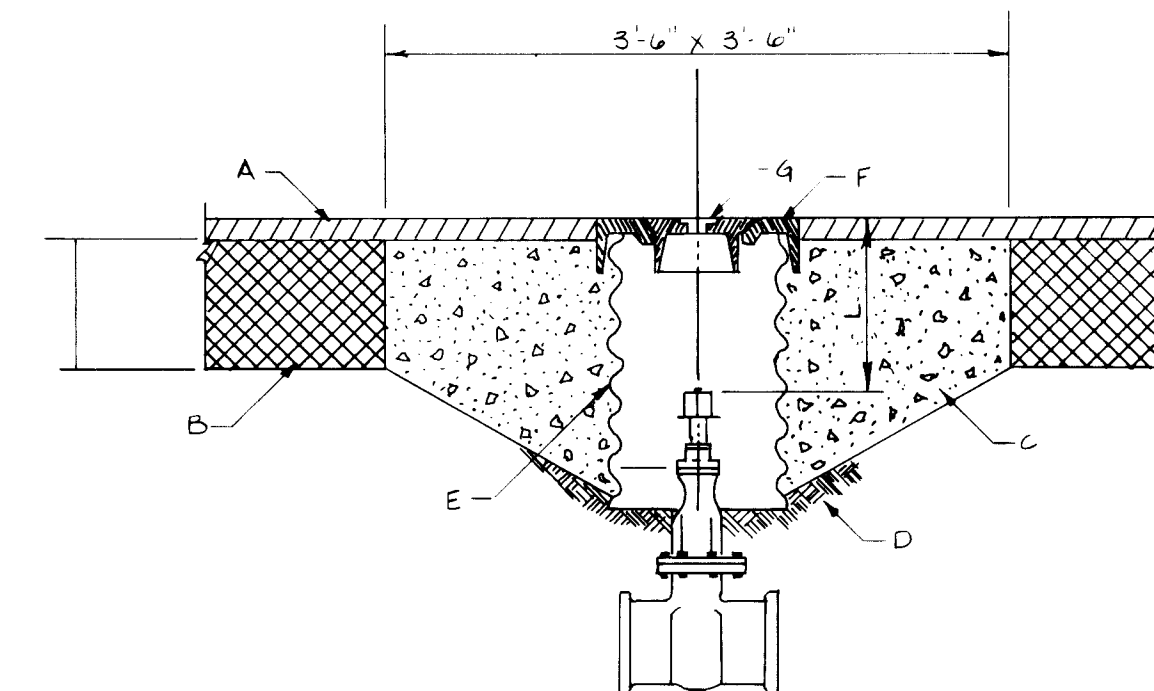


CONCRETE BLOCKING
FOR ELBOW

(B)
13

CONCRETE BLOCKING
FOR TEE

(C)
13



VALVE BOX TYPE "A"

GENERAL NOTES:

1. NO OBSTRUCTIONS WILL BE PERMITTED WITHIN 3 FT. OF FIRE HYDRANT.
2. CONTRACTOR SHALL BE RESPONSIBLE FOR SETTING TOP FLANGE OF FIRE HYDRANT TO THE CONTROLLED ELEVATION LINE.
3. PUMPER NOZZLE TO BE SET FACING THE TRAVELED WAY, UNLESS OTHERWISE NOTED ON PLANS.

CONSTRUCTION NOTES:

- A. FIRE HYDRANT PER SPEC'S.
- B. PUMPER NOZZLE 4 1/2".
- C. HOSE NOZZLE 2 1/2".
- D. 1/2" EXPANSION JOINT MATERIAL.
- E. SLOPE 1/4" PER FT.
- F. 3' x 3' x 6" CONC. SQ. PAD, TO BE CONSTRUCTED AROUND FIRE HYDRANT'S CENTER LINE WHEN NOT LOCATED WITHIN SIDEWALK OR CONC. AREA.
- G. CONTROLLED ELEV. LINE, LEVEL IN ALL DIRECTIONS.
- H. CONC. THRUST BLOCK, APPROX. 2' x 2' x 3' TO BE POURED AGAINST UNDISTURBED EARTH, F. H. WEEP HOLE MUST BE UNOBSTRUCTED.
- J. GRAVEL DRAIN POCKET, COVER TOP SURFACE WITH TAR PAPER.

CONSTRUCTION NOTES:

- A. 2" SURFACE COURSE
- B. 8" BASE COURSE
- C. PORTLAND CEMENT CONC. (ROUGH SURFACE FINISH).
- D. COMPACTED EARTH FILL (95% OF MAX. DENSITY AS DETERMINED BY AASHTO T-181).
- E. SPECIAL 12" DIA. CORRUGATED GALV. CULVERT. PIPE 14 GA., DIPPED IN COAL TAR ENAMEL, OR COATED WITH POLYMERIC COATING (WHEELING PLASTICOTE, MANUFACTURED BY WHEELING CORRUGATING COMPANY OR EQUIVALENT.) 3 MILS THICK MIN. MEETING REQUIREMENTS SET BY AASHTO M246
- F. RING
- G. COVER
- H. EXTENSION STEM FIG. NO. 2, MUELLER CO. CATALOG, OR APPROVED EQUAL
- J. NO. 3 BARS, TO PROTRUDE 1/4" BEYOND CMP TACK WELD IN PLACE.
- K. DRILL HOLES THROUGH CMP FOR NO. 3 BARS.
- L. 18" MAX. USE STEM EXTENSIONS S NECESSARY

RECORD DRAWING

DATE: 8/1/84
BY: J. L. B. / J. L. B.

BOVAY ENGINEERS, INC.
ALBUQUERQUE
HOUSTON • SPOKANE • AUSTIN • BATON ROUGE

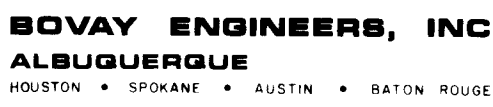
CITY OF ALBUQUERQUE
DEPARTMENT OF AVIATION

TITLE: WATER LINE DETAILS

DOUBLE EAGLE II AIRPORT			AIP-3-35-0002-03		
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	C. J. B. / J. L. B.	8/1/84	Liquid Waste	W. J. B.	2-3-84
A C E - Design	J. L. B.	3/26/84	Traffic	N. A. B.	2/1/84
A C E - Hydrology	J. L. B.	2/3/84	Water	W. J. B.	2-3-84
CA 4/20/84 2-3-84					
DRAWING NO.	1692	MAP NO.	SHEET 13 OF 24		

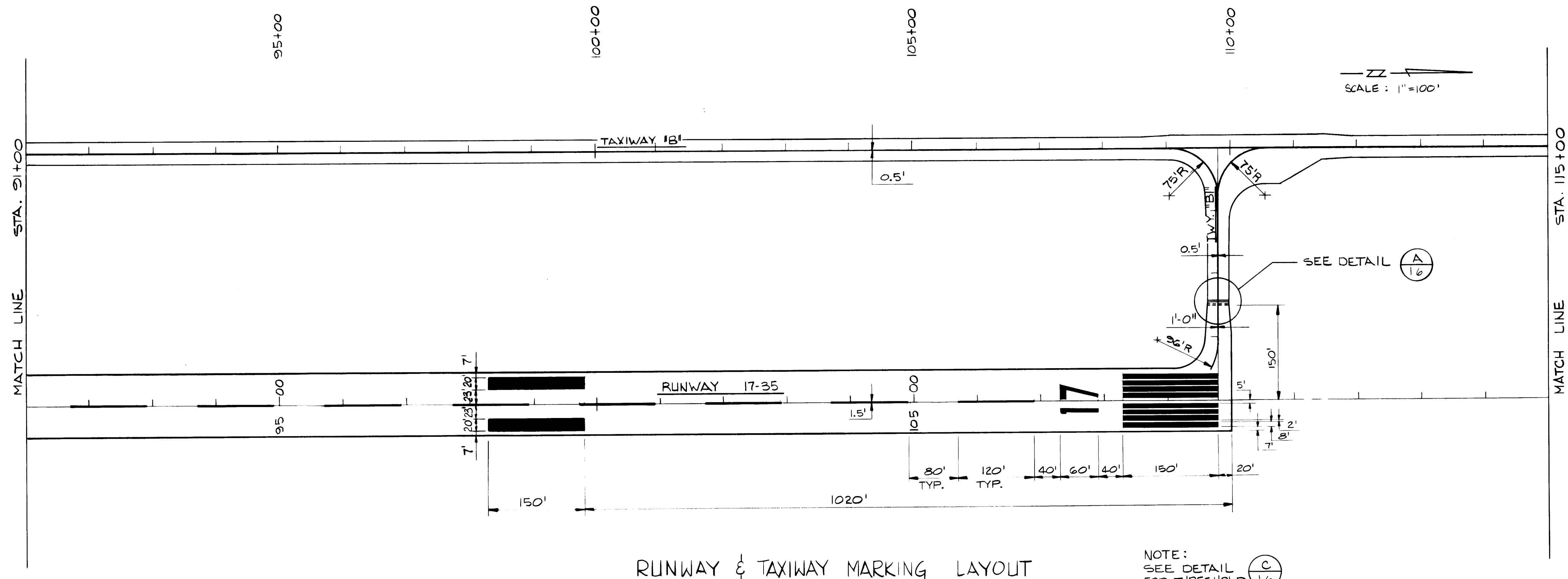


DATE 3/25/64
BY W. J. Young

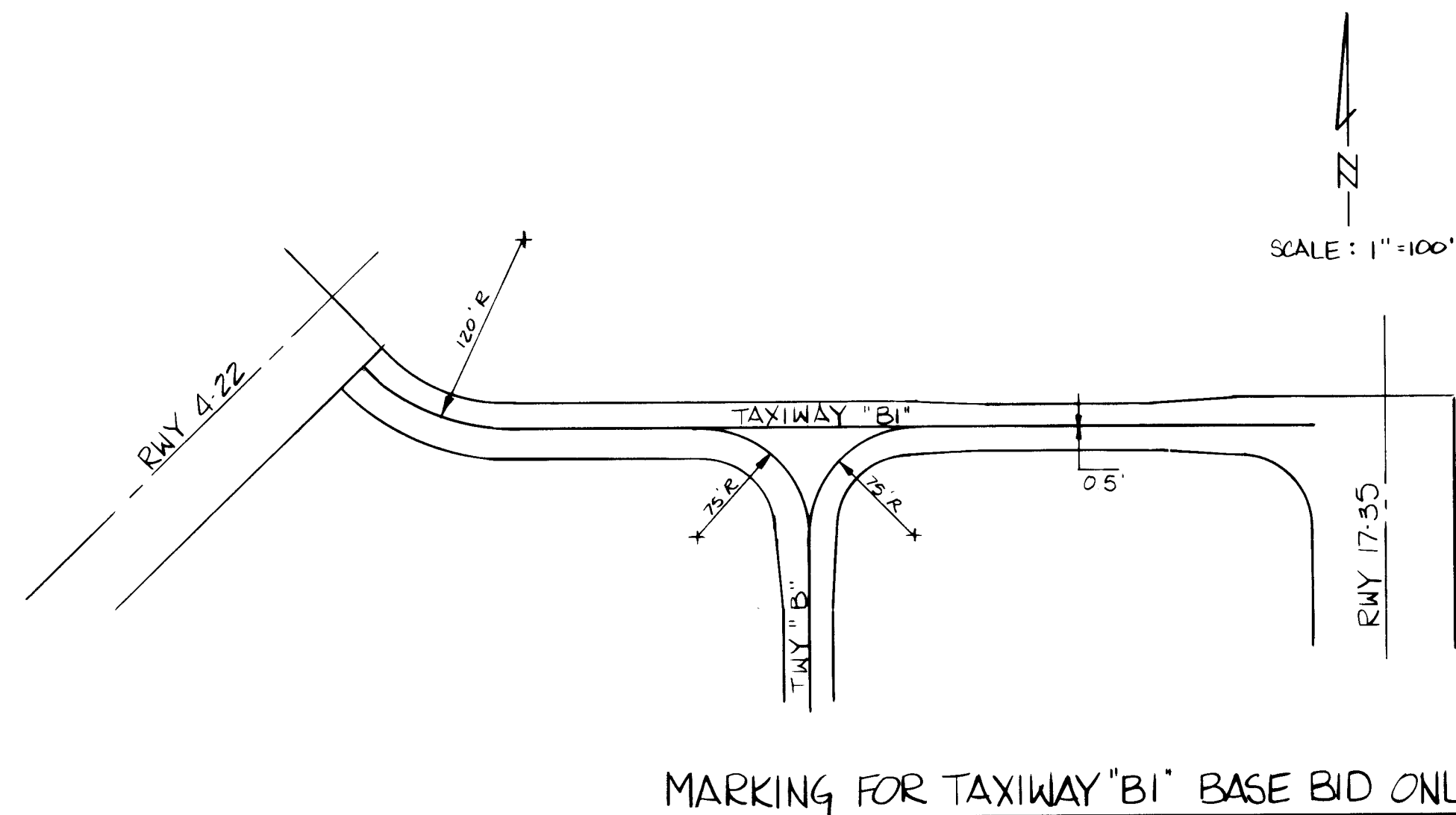
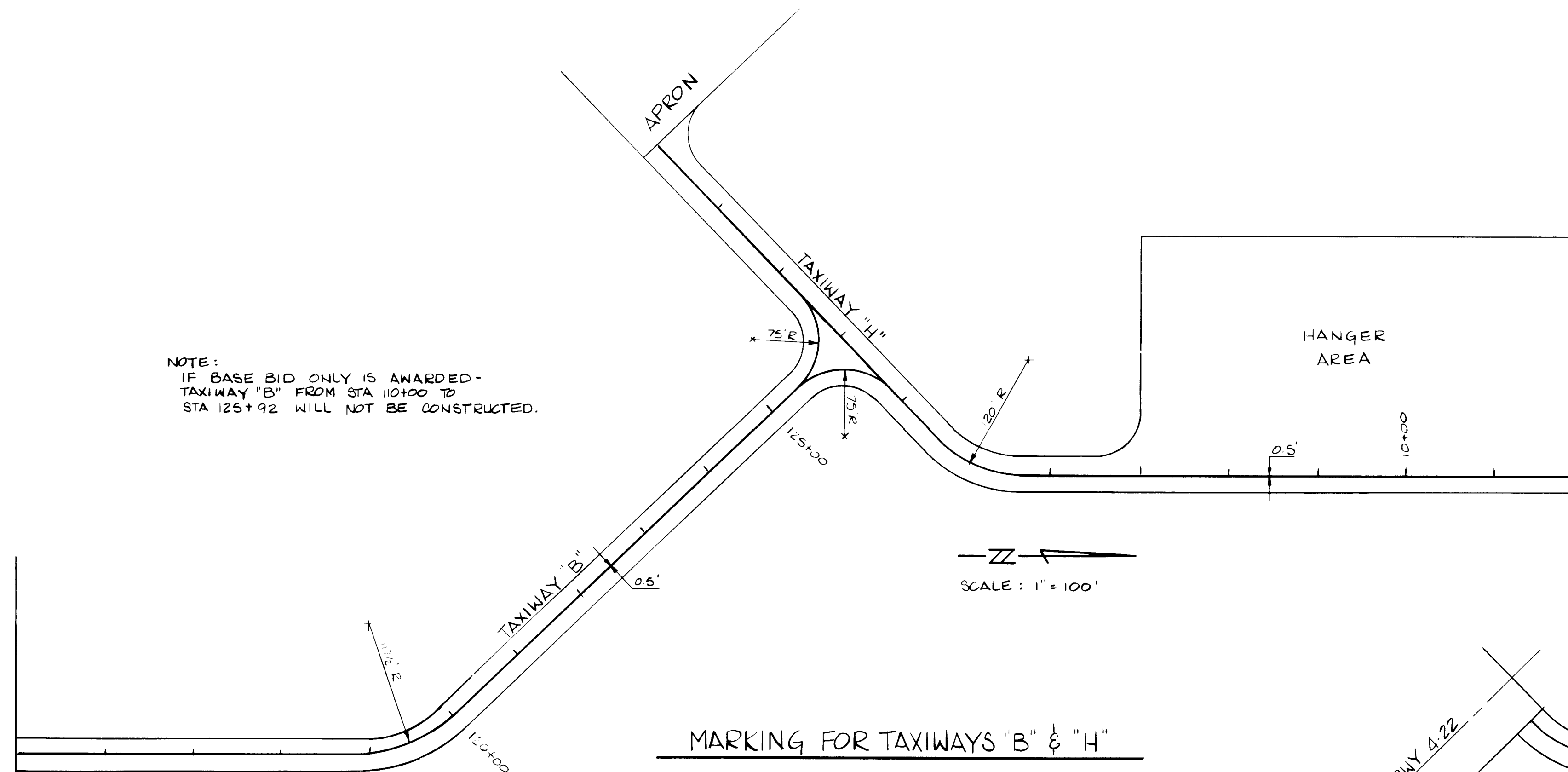


DOUBLE EAGLE II AIRPORT AIP-3-35-0002-03

DRAWING NO. 1692	MAP NO.	SHEET 14 OF 24
---------------------	---------	----------------

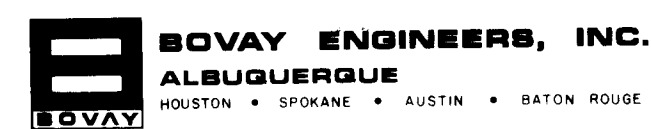


NOTE:
IF BASE BID ONLY IS AWARDED -
TAXIWAY "B" FROM STA 10+00 TO
STA 125+92 WILL NOT BE CONSTRUCTED.



1	2	3	4	5	6	7	8	9	10	11	12
2	6	1	6	9	2	1	5	8	5		

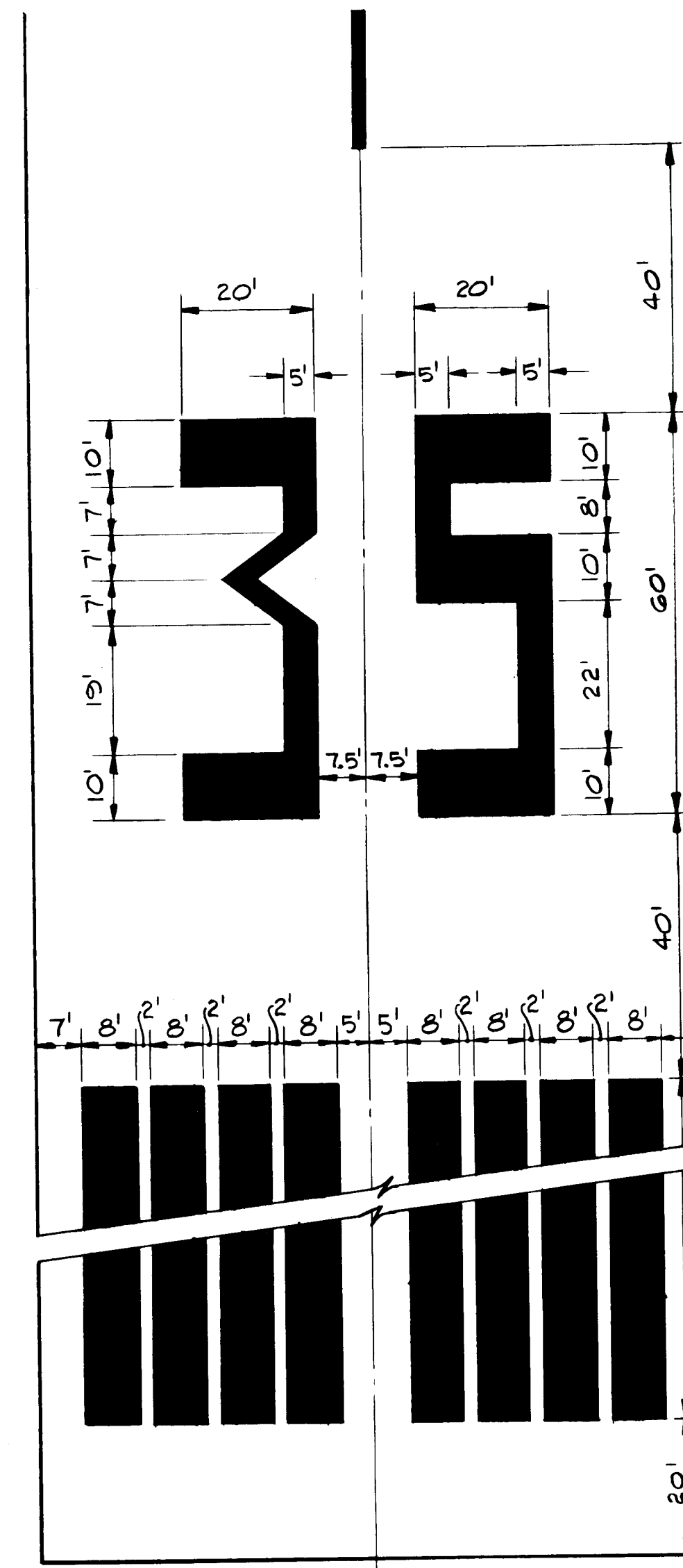
RECORD DRAWING
DATE: 3/30/83
BY: [Signature]



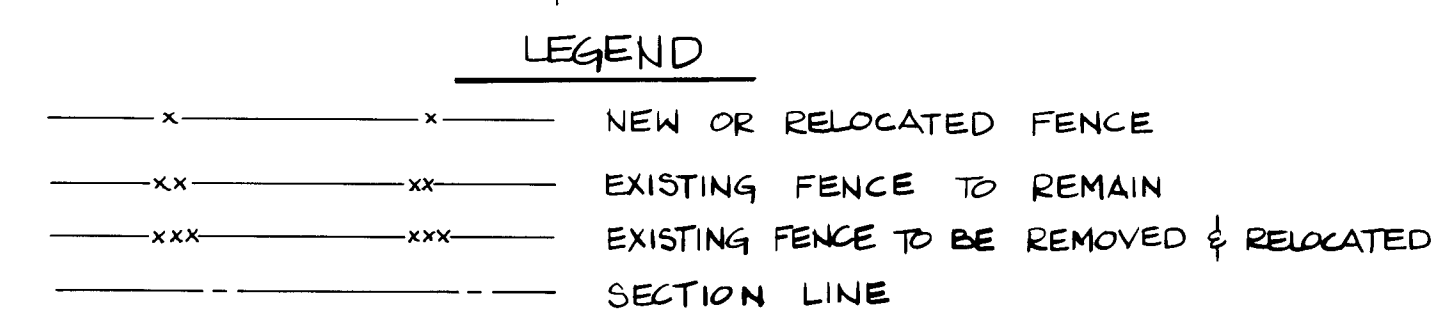
CITY OF ALBUQUERQUE
DEPARTMENT OF AVIATION

TITLE: RUNWAY & TAXIWAY MARKING			AIP-3-35-0002-03		
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	[Signature]	2/3/84	Liquid Waste	[Signature]	2-3-84
A C E - Design	[Signature]	1/3/84	Traffic	[Signature]	2/4/84
A C E - Hydrology	[Signature]	2/1/84	Water	[Signature]	2-3-84
DRAWING NO. 1692			SHEET 15 OF 24		

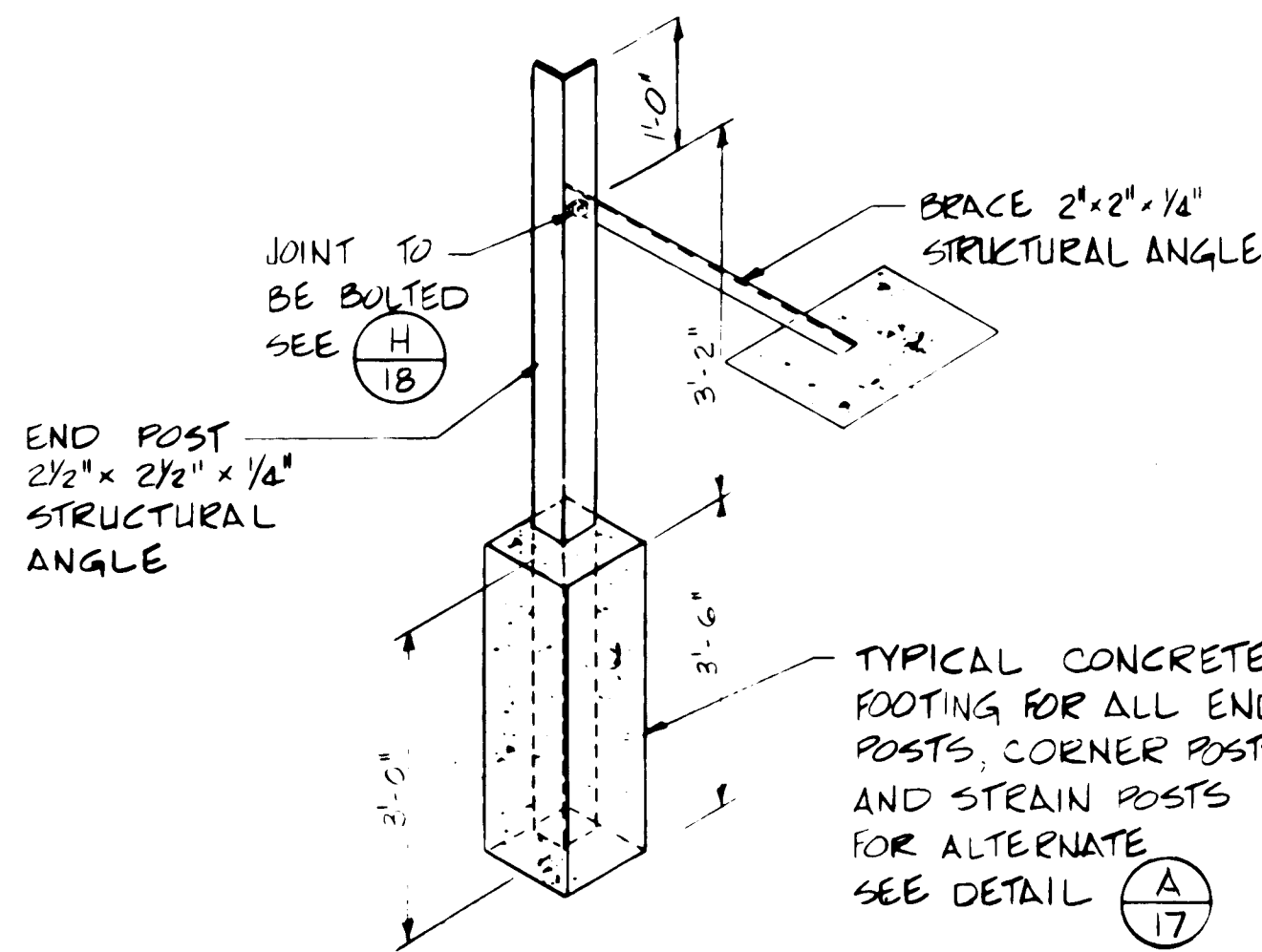
ENGINEER'S SEAL		SURVEY INFORMATION		BENCH MARKS		AS BUILT INFORMATION	
[Signature]		NO.	BY	DATE	CONTRACTOR	WORKED BY	DATE
		REMARKS	BY	DATE	INSPECTED BY	DATE	DATE
		REVISIONS	DESIGN	DATE	VERIFICATION BY	DATE	DATE
		NO.	DATE	DATE	DRAWINGS	DATE	DATE
DESIGNED BY KWC		DRAWN BY PSM		CHECKED BY CML		MICRO-FILM INFORMATION	
DATE NOV, 1983		DATE NOV, 1983		DATE NOV, 1983		RECORDED BY	
DATE NOV, 1983		DATE NOV, 1983		DATE NOV, 1983		NO	



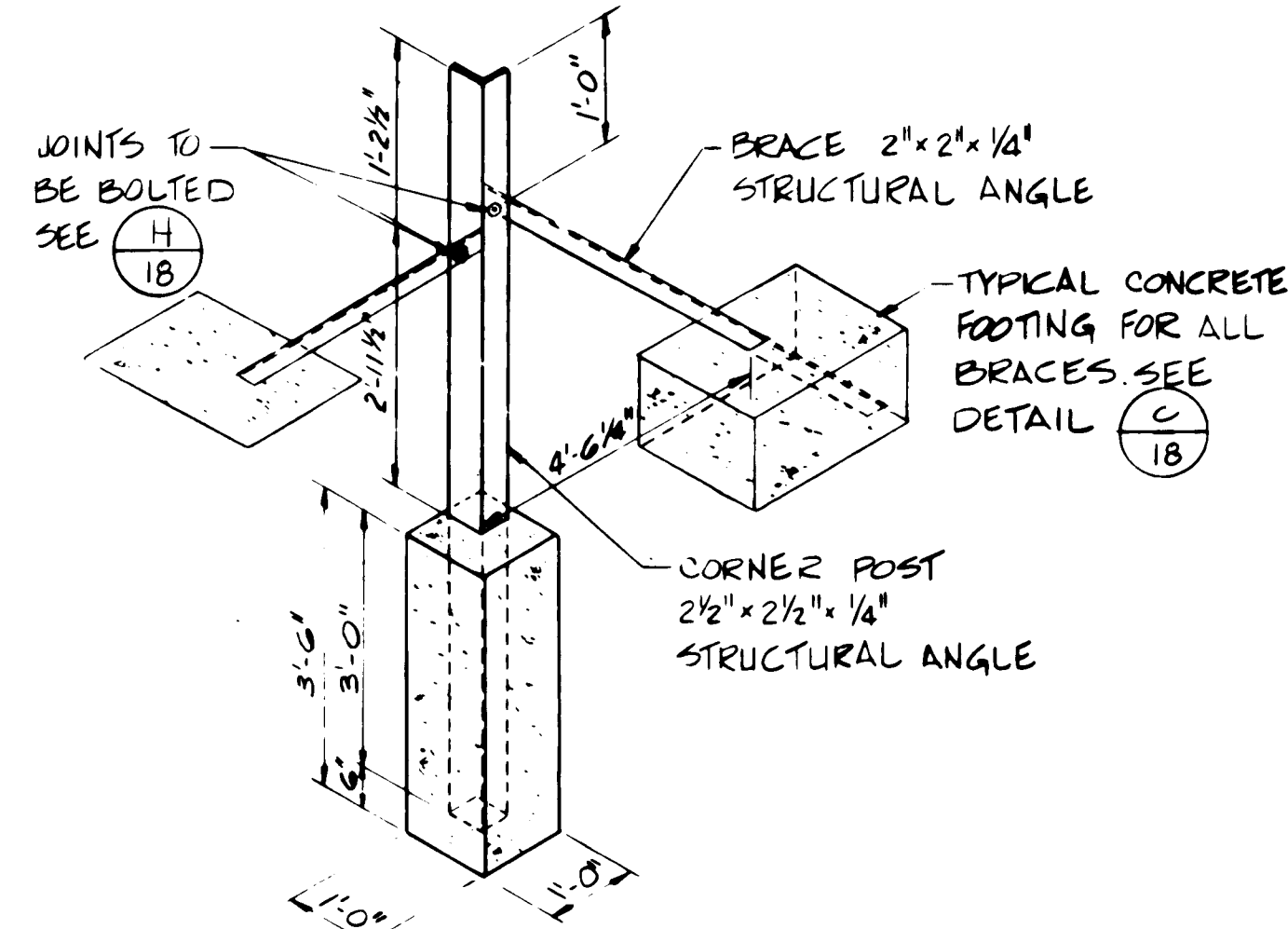
TITLE:		MARKING DETAILS			
DOUBLE EAGLE II AIRPORT		AIP-3-35-0002-03			
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	<i>GA 16/04/04</i>	<i>2/3/04</i>	Liquid Waste	<i>NA</i>	<i>2-3-04</i>
A C E - Design	<i>GA 16/04/04</i>	<i>3/26/04</i>	Traffic	<i>NA</i>	<i>2/3/04</i>
A C E - Hydrology	<i>GA 16/04/04</i>	<i>2/3/04</i>	Water	<i>NA</i>	<i>2-3-04</i>
<i>GA 16/04/04</i>		<i>2-3-04</i>			
DRAWING NO.	1692		MAR NO.	SHEET OF	
				16	24



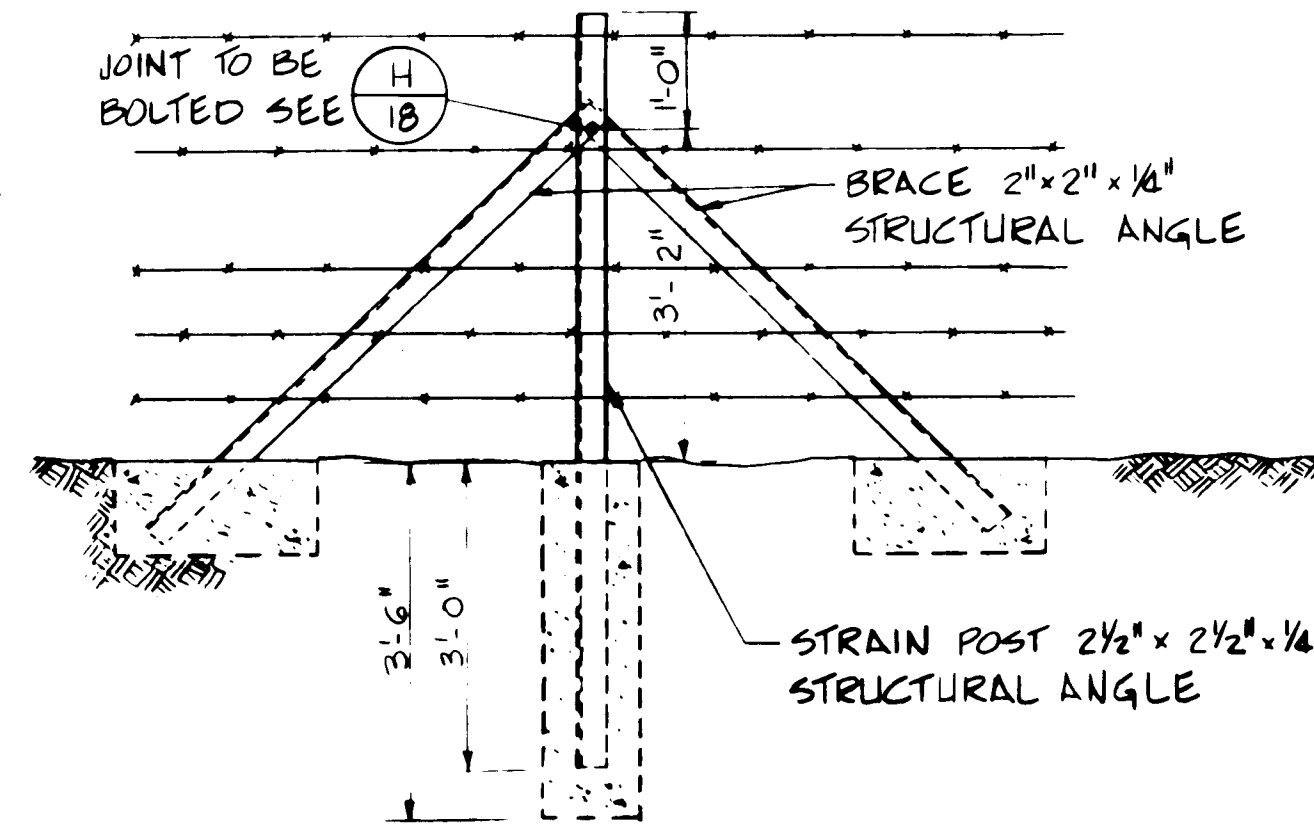
TITLE: FENCING LAYOUT & DETAILS					
DOUBLE EAGLE II AIRPORT			AWP-3-35-0002-03		
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	<i>E.H. Sherry</i>	<i>2/26/84</i>	Liquid Waste	<i>NA</i>	<i>2-3-84</i>
A.C.E. Design	<i>Bobbed</i>	<i>3/26/84</i>	Traffic	<i>NA</i>	<i>3/6/84</i>
A.C.E.-Hydrology	<i>my work</i>	<i>2/3/84</i>	Water	<i>NA</i>	<i>2-3-84</i>
<i>OK Bobbed AH</i>		<i>2-3-84</i>			
DRAWING NO.	1692		MAP NO.	SHEET	OF
				17	24



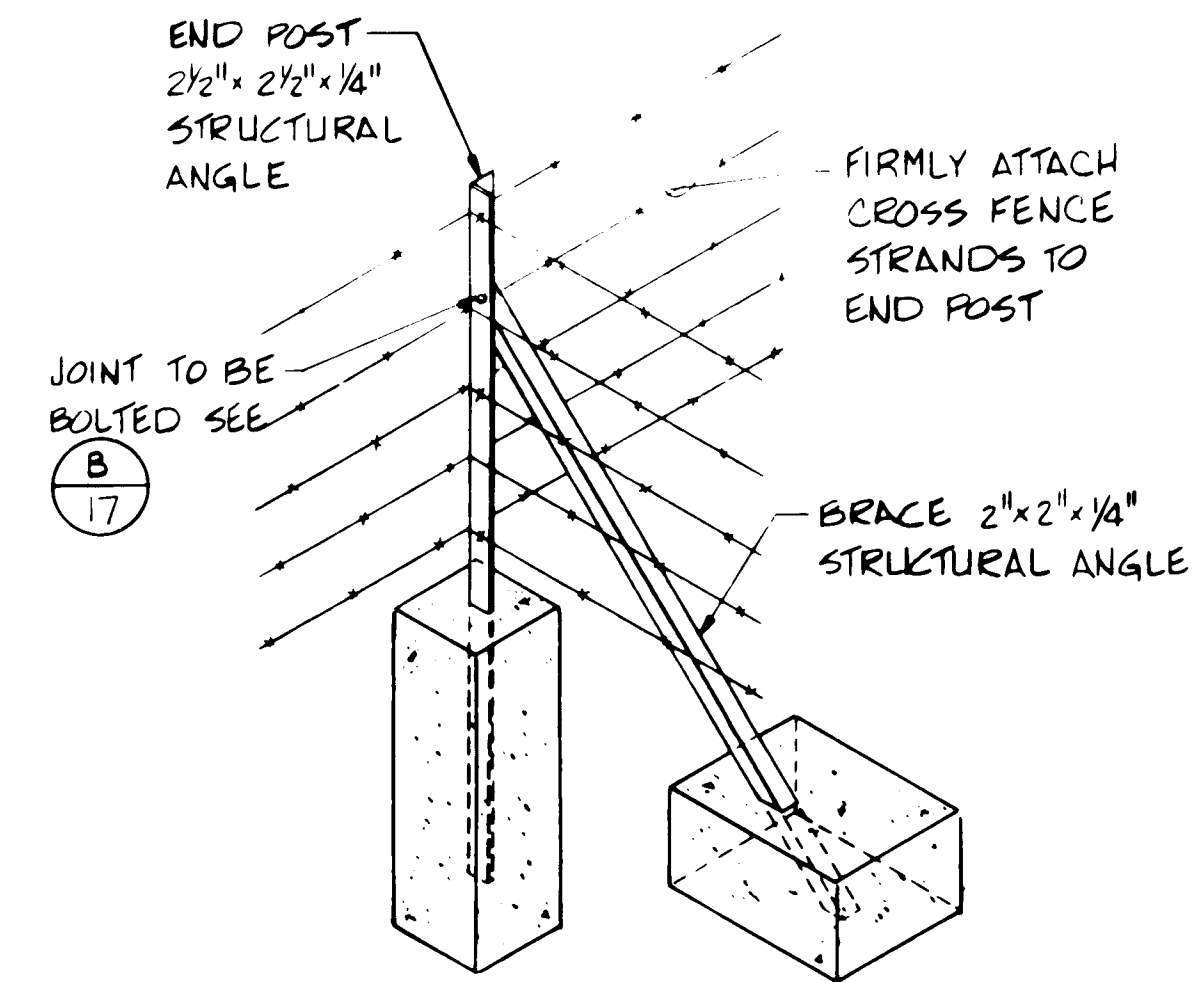
TYPICAL END STRUCTURE
INSTALLATION DETAIL (A 17)



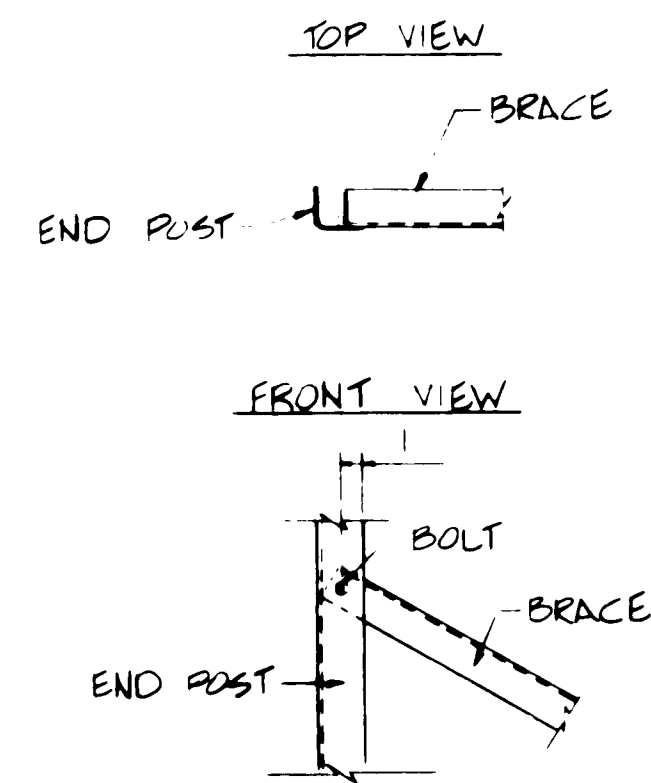
TYPICAL CORNER STRUCTURE
INSTALLATION DETAIL (D 17)



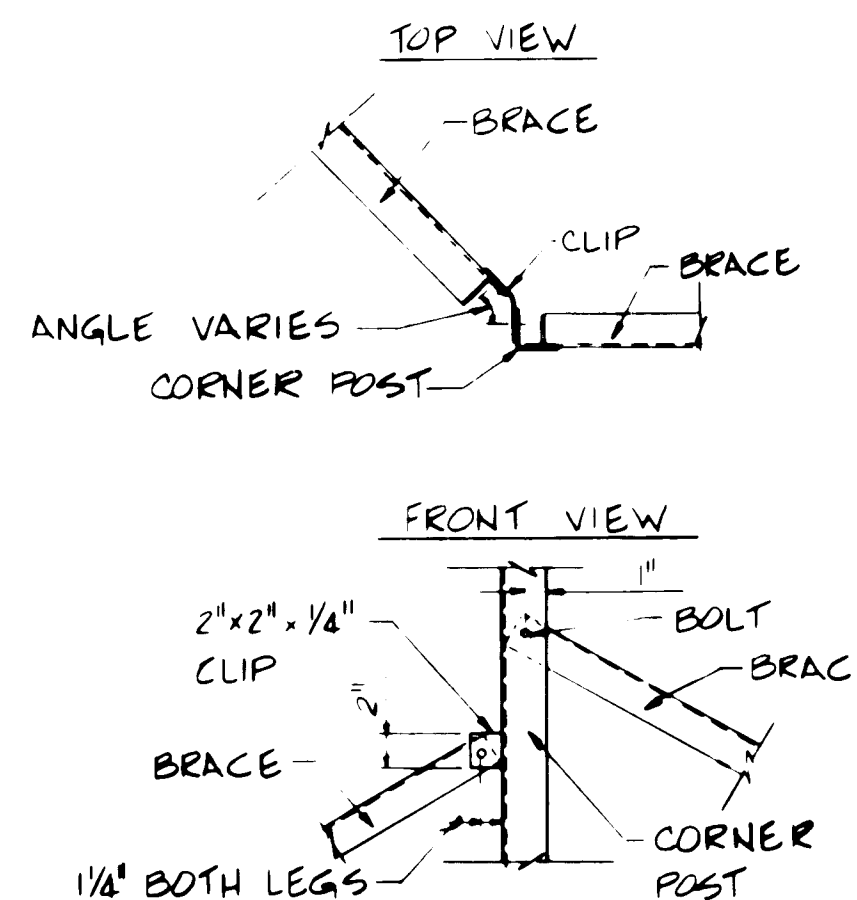
TYPICAL STRAIN STRUCTURE
INSTALLATION DETAIL (G 17)



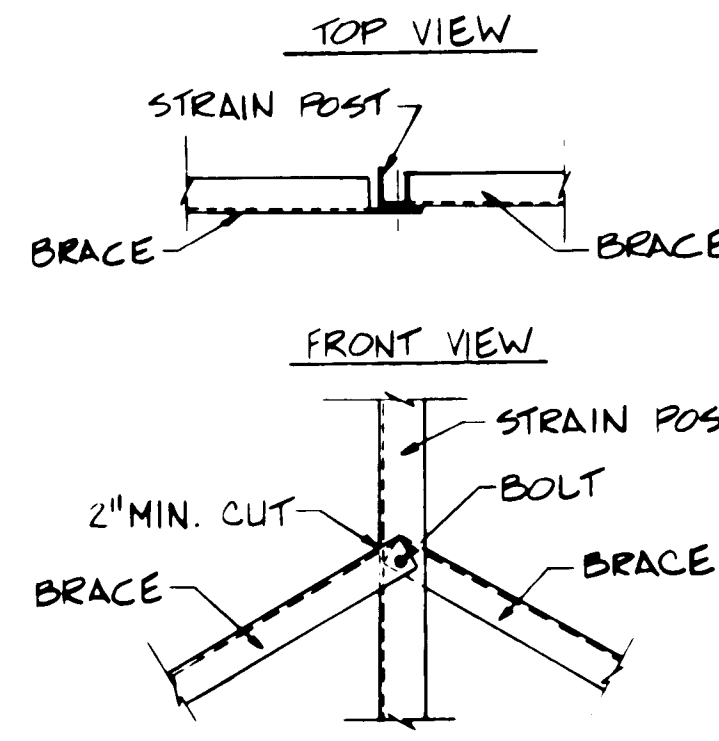
TYPICAL FENCE INTERSECTION
INSTALLATION DETAIL (K 17)



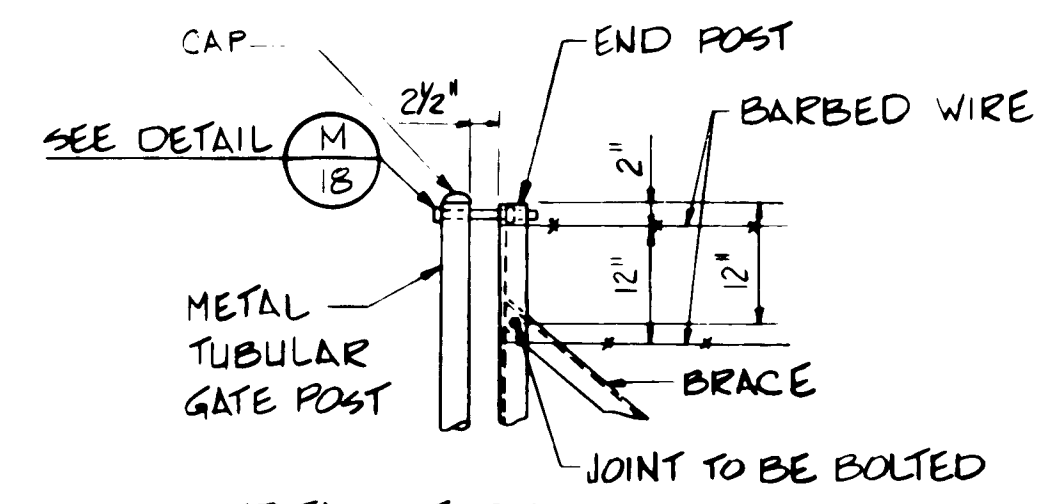
END POST BRACE ATTACHMENT DETAIL (B 17)



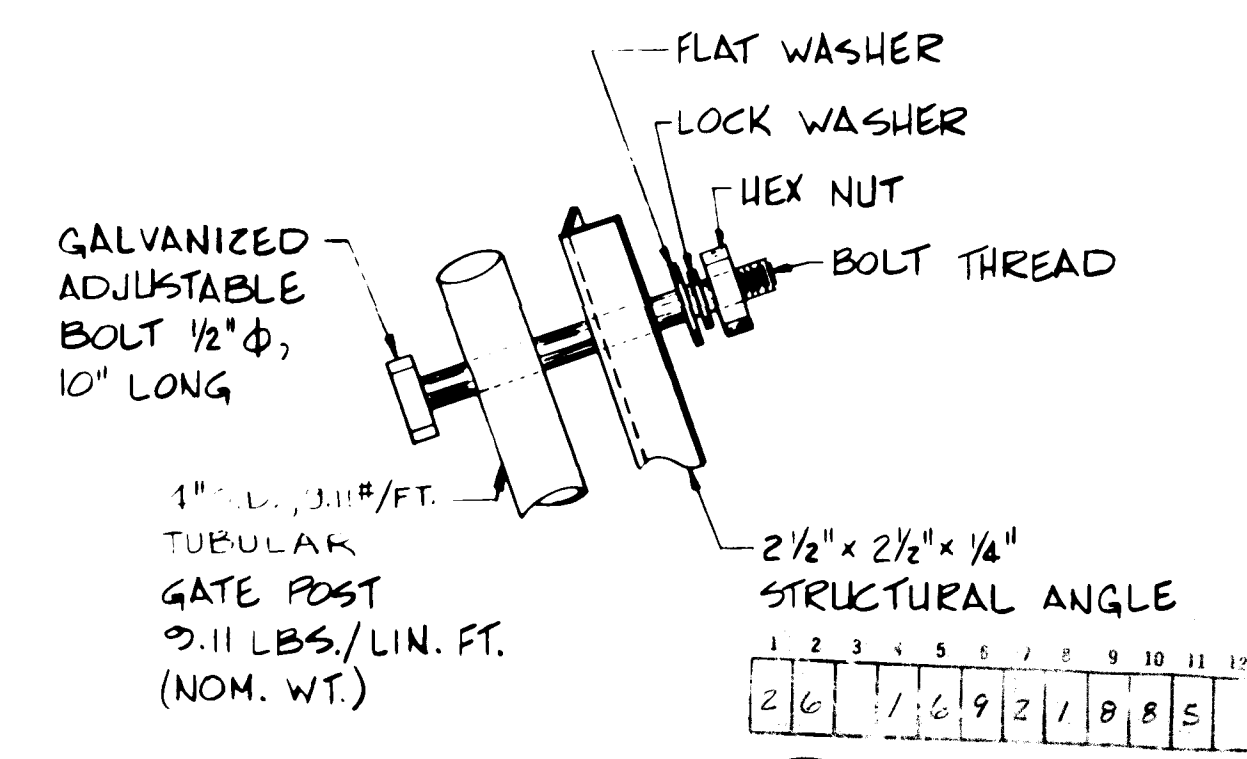
CORNER POST BRACE ATTACHMENT DETAIL (E 17)



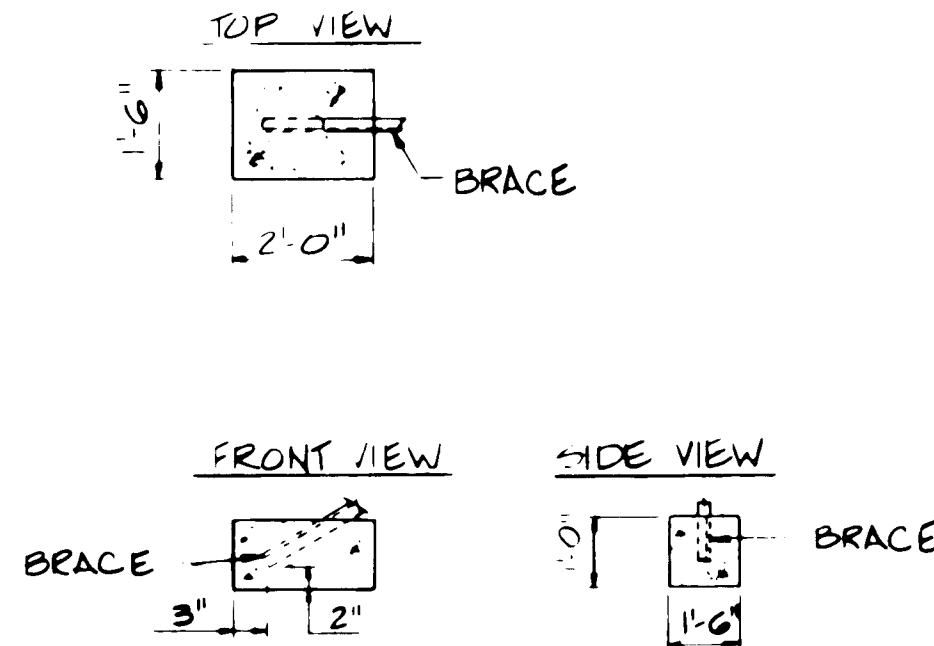
STRAIN POST BRACE ATTACHMENT DETAIL (H 17)



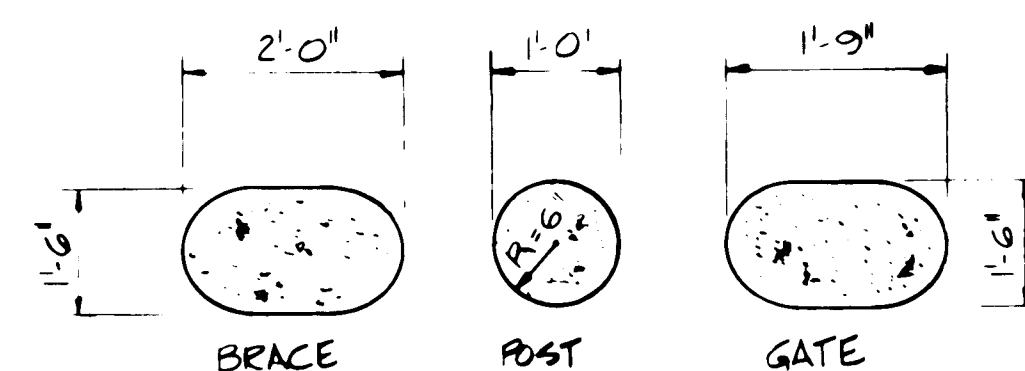
METAL TUBULAR
GATE POST DETAIL (L 17)



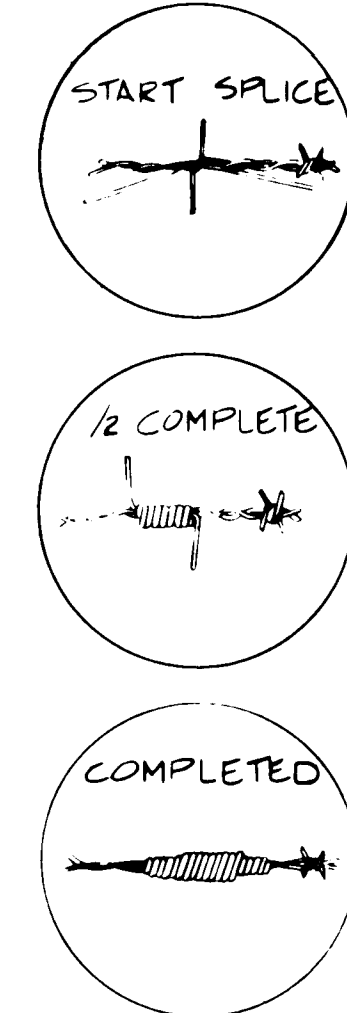
BOLT DETAIL (M 17)



BRACE CONCRETE FOOTING DETAIL (C 17)



ALTERNATE FOOTING DETAILS (F 17)

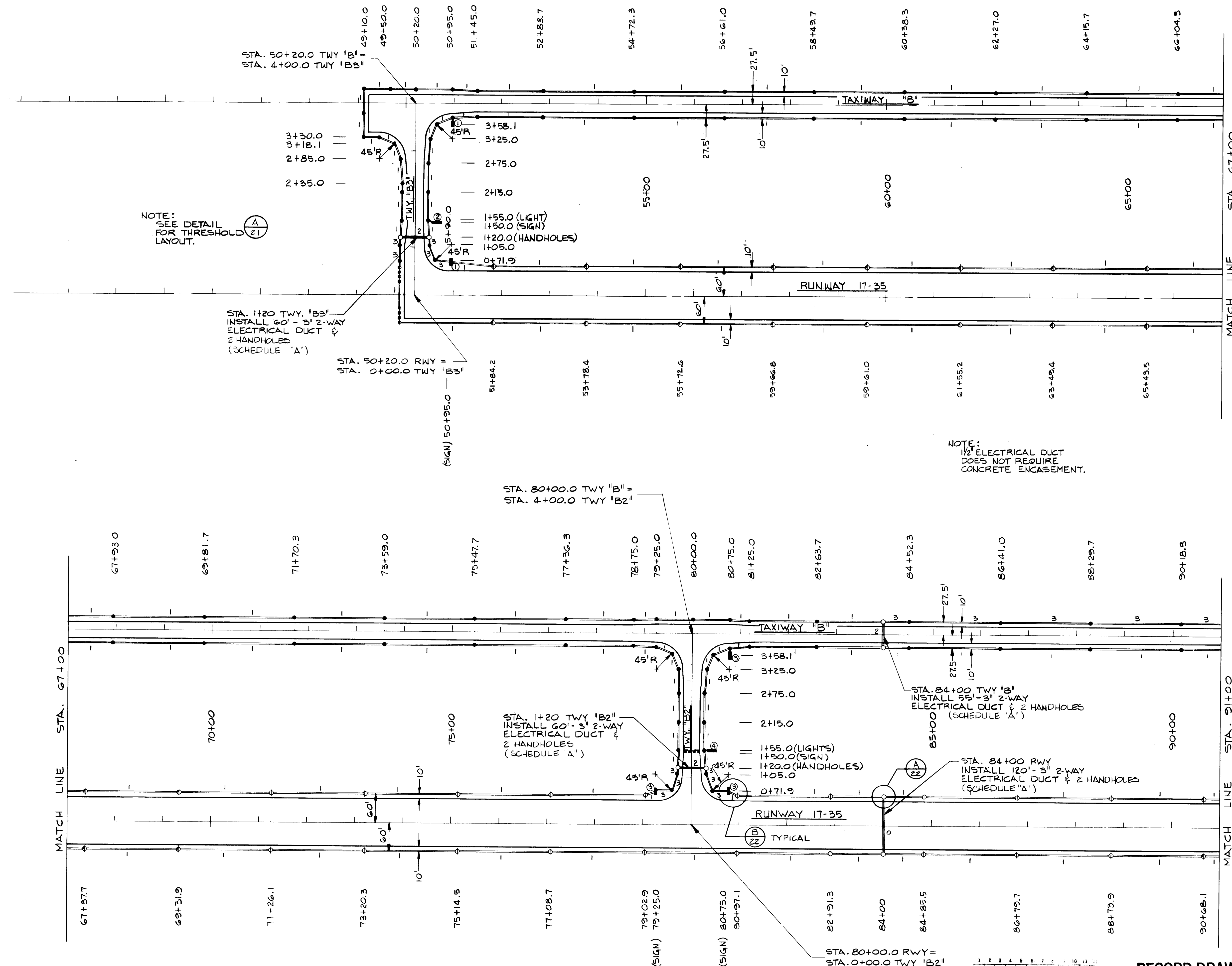


SPLICING DETAIL (J 17)

RECORD DRAWING
DATE _____
BY _____

DETAILS BASED ON NMSHD DRAWINGS
RFG-001; RFP-001; & BIA FENCING DETAILS.

ENGINEER'S SEAL		CITY OF ALBUQUERQUE DEPARTMENT OF AVIATION			
APPROVED FOR CONSTRUCTION		TITLE: FENCING DETAILS			
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	<i>[Signature]</i>	2/5/84	Liquid Waste	<i>[Signature]</i>	2-3-84
A.C.E. Design	<i>[Signature]</i>	3/5/84	Traffic	<i>[Signature]</i>	2/3/84
A.C.E. Hydrology	<i>[Signature]</i>	2/3/84	Water	<i>[Signature]</i>	2-3-84
QA	<i>[Signature]</i>	2-3-84			
DRAWING NO.	18		SHEET		24



RUNWAY & TAXIWAY LIGHTING LAYOUT

LEGEND

BASE MOUNTED RUNWAY LIGHT (CLEAR)	Φ
BASE MOUNTED RUNWAY LIGHT (CLEAR/YELLOW)	Φ
BASE MOUNTED THRESHOLD LIGHT (RED/GREEN)	Φ
BASE MOUNTED TAXIWAY LIGHT (BLUE)	●
GUIDANCE SIGNS	—
ELECTRICAL HANDHOLE	○
1 1/2" DUCT WITH NUMBER OF CABLES	2
3" 2-WAY DUCT WITH NUMBER OF CABLES	2

SCHEDULE OF GUIDANCE SIGNS

ALL GUIDANCE SIGNS SHALL BE L-858Y, INFORMATIONAL, OR L-858R, HOLDING LINE, SIZE 1, STYLE 2, CLASS 1.

① INDICATES IDENTIFICATION ONE SIDE AND BLANK ONE SIDE.

② INDICATES IDENTIFICATION ON BOTH SIDES

SYMBOL	SIGN	LOCATION
①	B3	50+95.0 RWY
②	B5	50+95.0 TWY "B"
③	B2	1+50.0 TWY "B3"
④	B2	79+25.0 RWY
⑤	B2	80+75.0 RWY
⑥	B2	80+75.0 TWY "B"
⑦	17-35	1+50.0 TWY "B2"
⑧	B1	119+05 RWY
⑨	17	1+50 TWY "B1"
⑩	RAMP	110+55 TWY "B"
⑪	17-35	4175 TWY "B1" (Base Bid Only)
⑫	17-35	110+55 TWY "B"
⑬	17-35	0+00 TWY "H" (ADD ALT. 1)
⑭	17-35	1+00 TWY "A1" (Base Bid Only)
⑮	RAMP	1+00 TWY "A1" (Base Bid Only)
⑯	17-35	4+75 TWY "B1" (Base Bid Only)
⑰	RAMP	109+05 TWY "B" (Base Bid Only)
⑱	17-35	25+17 TWY "B" (Add Alt. 1)
⑲	17-35	2+37.5 TWY "H"



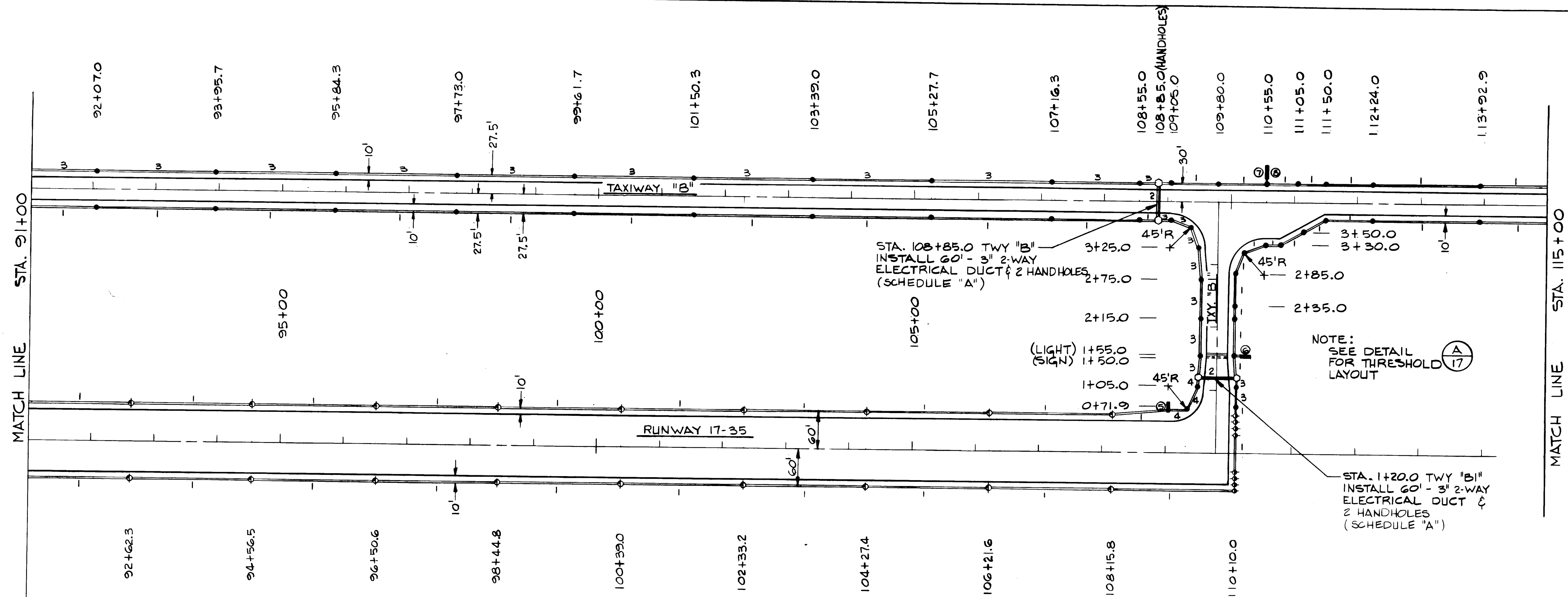
CITY OF ALBUQUERQUE
DEPARTMENT OF AVIATION

TITLE: **RUNWAY & TAXIWAY LIGHTING**

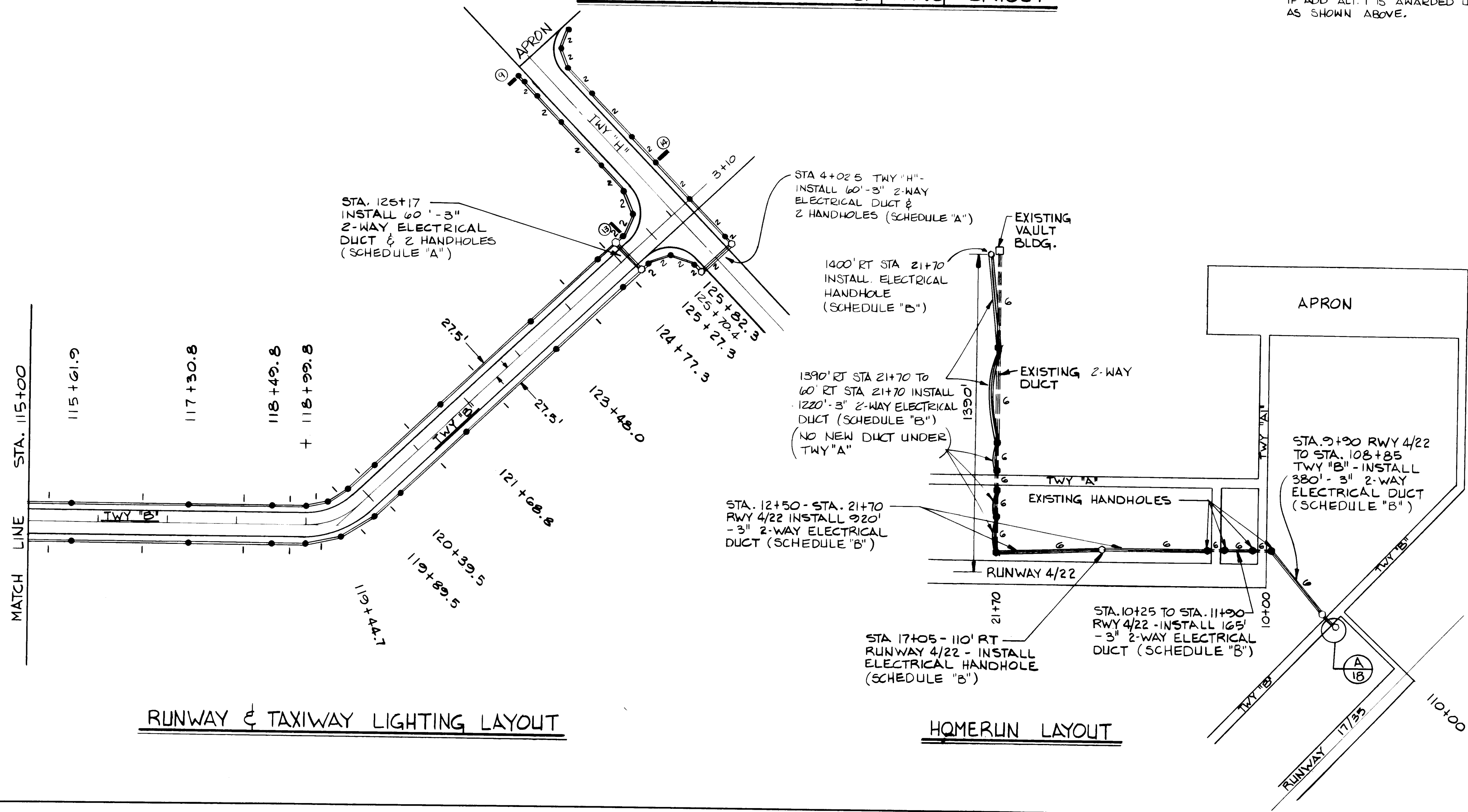
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	<i>C. J. [Signature]</i>	2/23/84	Liquid Waste	NA	2-3-84
A.C.E. - Design	<i>[Signature]</i>	2/23/84	Traffic	NA	2-3-84
A.C.E. - Hydrology	<i>[Signature]</i>	2/23/84	Water	NA	2-3-84
DRAWING NO.	1692	MAP NO.	SHEET	19	24

RECORD DRAWING

DATE: 2/23/84
BY: *[Signature]*



RUNWAY & TAXIWAY LIGHTING LAYOUT



RUNWAY & TAXIWAY LIGHTING LAYOUT

HOMERUN LAYOUT

LEGEND
SEE SHEET 19 OF 24.

1 2 3 4 5 6 7 8 9 10 11 12
2 6 1 6 9 2 2 0 8 5

RECORD DRAWING

DATE: 5/20/84
BY: [Signature]

BOVAY ENGINEERS, INC.
ALBUQUERQUE
HOUSTON • SPOKANE • AUSTIN • BATON ROUGE

CITY OF ALBUQUERQUE
DEPARTMENT OF AVIATION

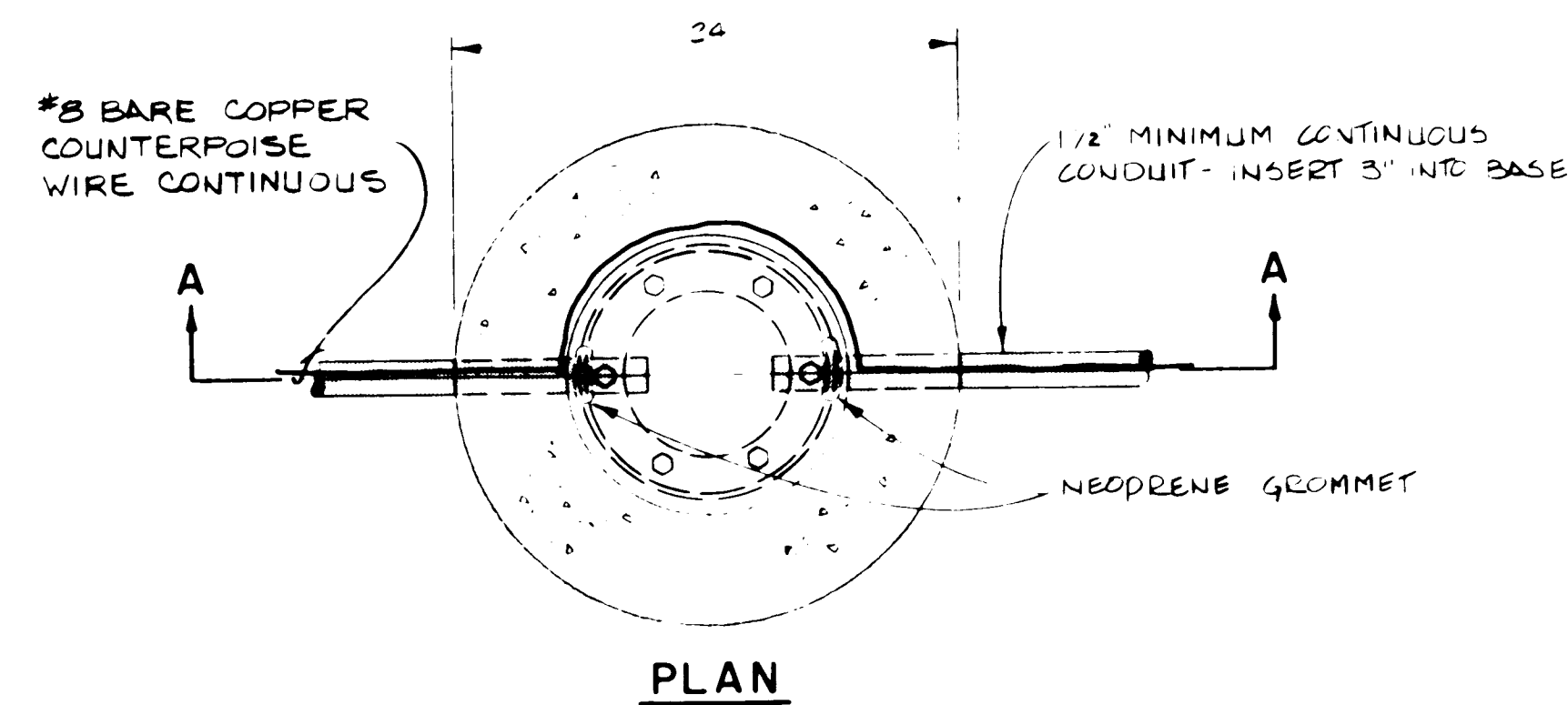
TITLE: RUNWAY & TAXIWAY LIGHTING

DOUBLE EAGLE II AIRPORT AIP-3-35-0002-03

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	C. H. [Signature]	4/26/84	Liquid Waste	NA [Signature]	2-3-84
A.C.E. - Design	[Signature]	3/21/84	Traffic	NA [Signature]	2/3/84
A.C.E. - Hydrology	[Signature]	2/3/84	Water	NA [Signature]	2-3-84
GAB/ACD/AN 2-3-84					

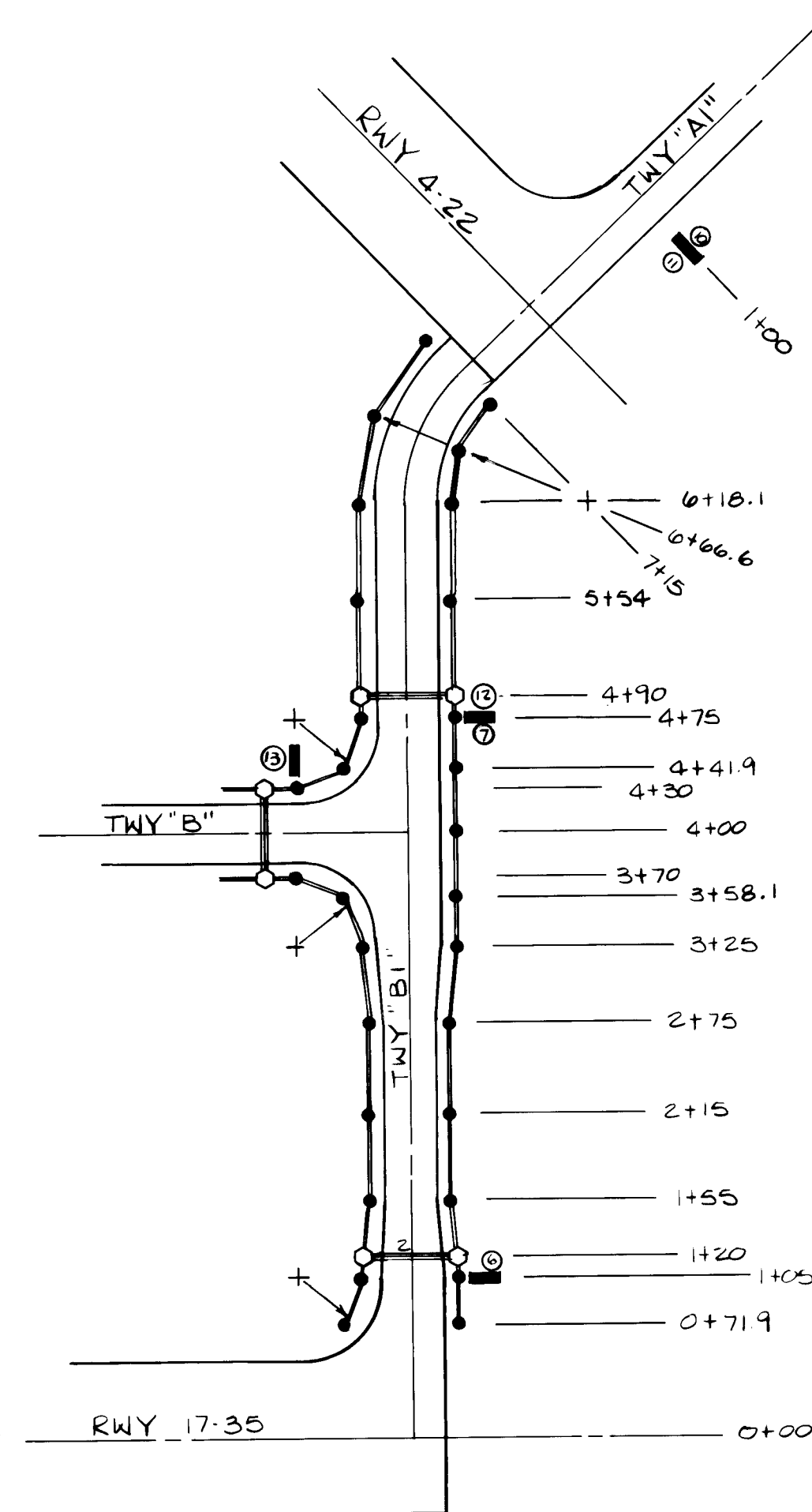
DRAWING NO. 1692 MAP NO. SHEET 20 OF 24

AS BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		ENGINEER'S SEAL		REVISIONS		DESIGNED BY KWC		DRAWN BY PSM		CHECKED BY CML		DATE NOV, 1983		DATE NOV, 1983		DATE NOV, 1983	
CONTRACTOR	NO.	WORK	NO.	NO.	BY	DATE	NO.	DATE	BY	NO.	DATE	NO.	DATE	NO.	DATE	NO.	DATE	NO.	DATE	NO.	DATE



RUNWAY THRESHOLD DETAIL (A)
SCALE: 1" = 20' 19,20

NOTE: CONCRETE FOR BASE CAN
INSTALLATION SHALL HAVE A
COMPRESSIVE STRENGTH OF
3000 PSI @ 28 DAYS AND SHALL
CONFORM TO ITEM P. 610.



SCALE: 1" = 100'

1	2	3	4	5	6	7	8	9	10	11	12
2	6		1	6	9	2	2	1	8	5	

RECORD DRAWING

DATE 2/2/92
BY J. J. [Signature]



BOVAY ENGINEERS, INC.
ALBUQUERQUE
HOUSTON • SPOKANE • AUSTIN • BATON ROUGE

CITY OF ALBUQUERQUE
DEPARTMENT OF AVIATION

TITLE: LIGHTING DETAILS

DOUBLE EAGLE II AIRPORT AIP-3-35-0002-03

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	<i>C. J. Hughes</i>	2/2/84	Liquid Waste	<i>W. J. Cully</i>	2-3-84
A C E - Design	<i>W. J. Cully</i>	2/2/84	Traffic	<i>W. J. Cully</i>	2/3/84
A C E - Hydrology	<i>W. J. Cully</i>	2/2/84	Water	<i>W. J. Cully</i>	2-3-84

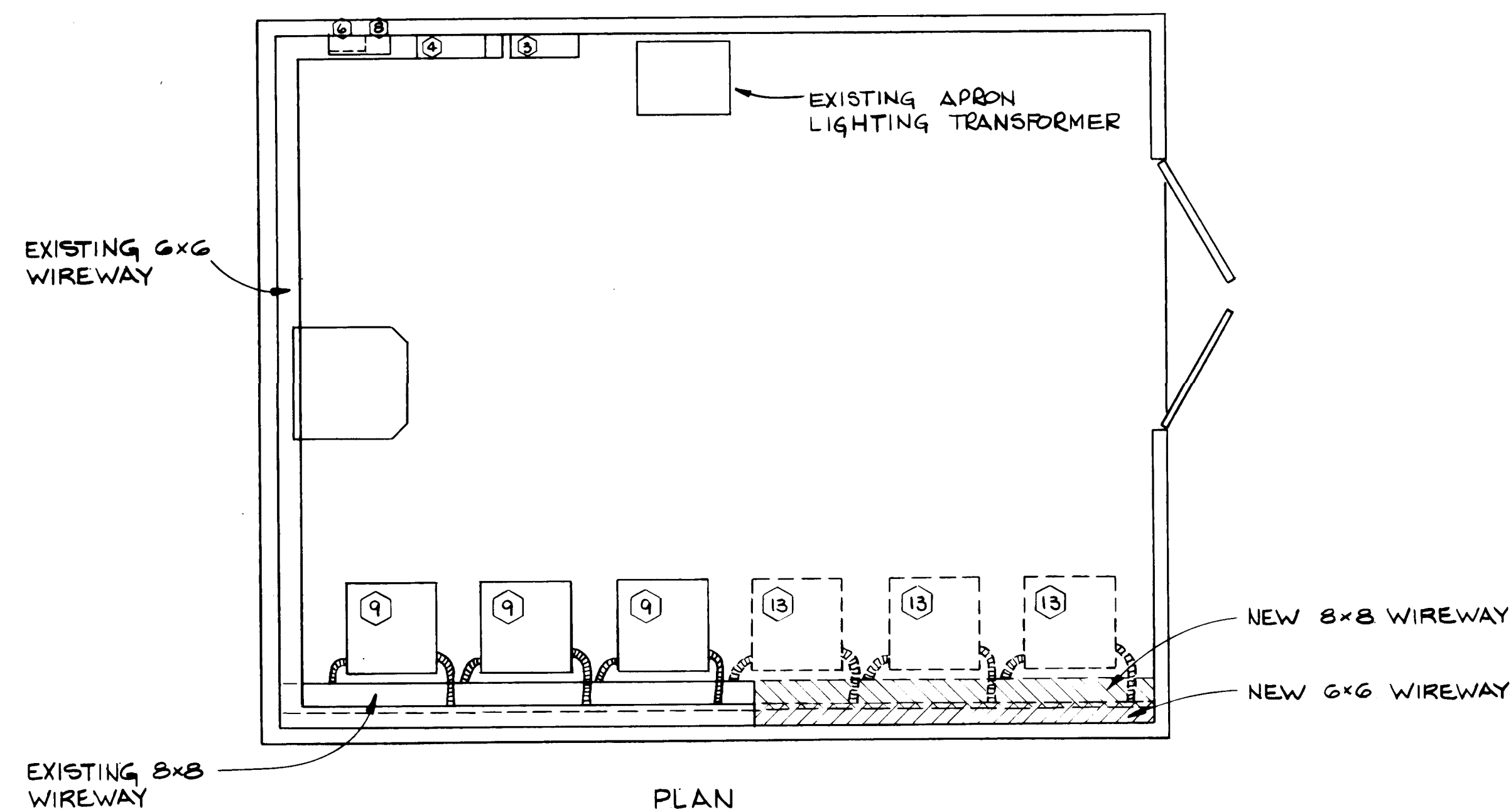
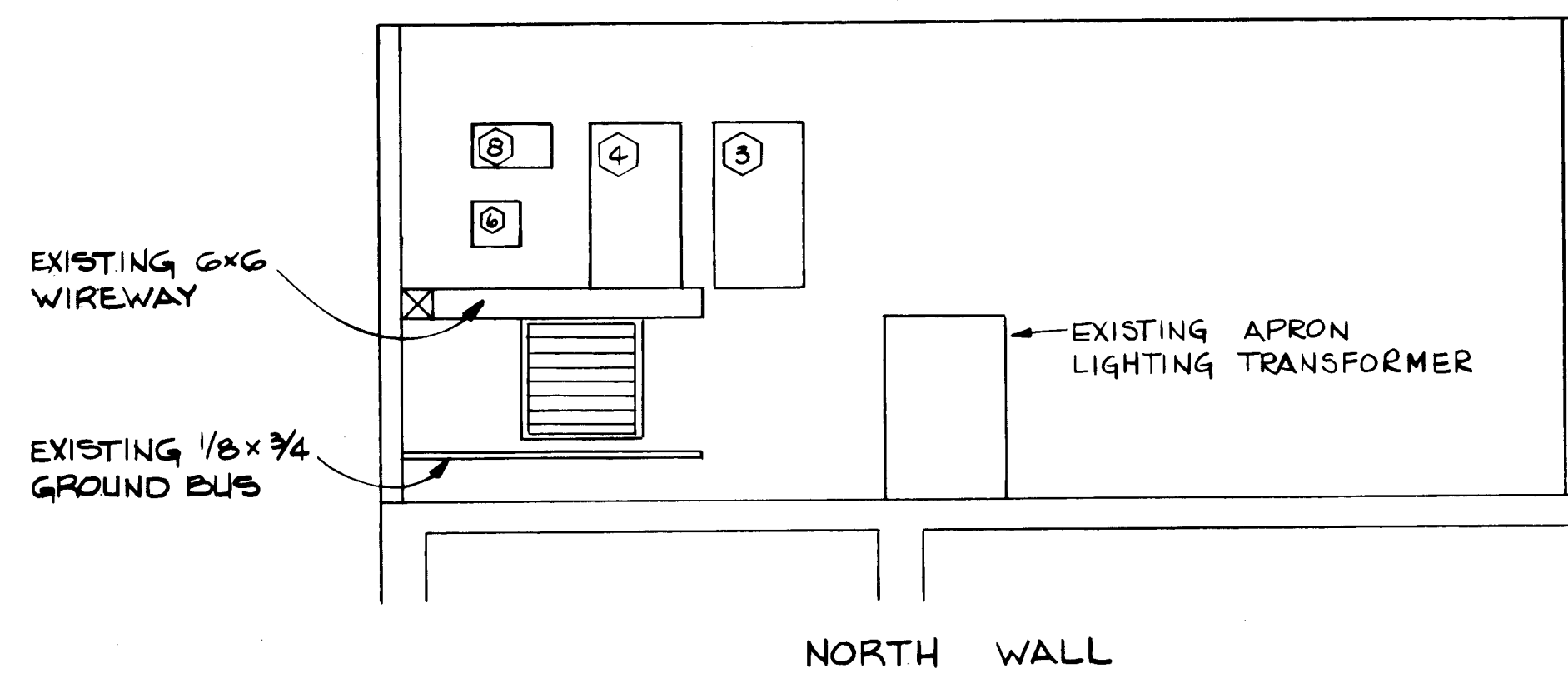
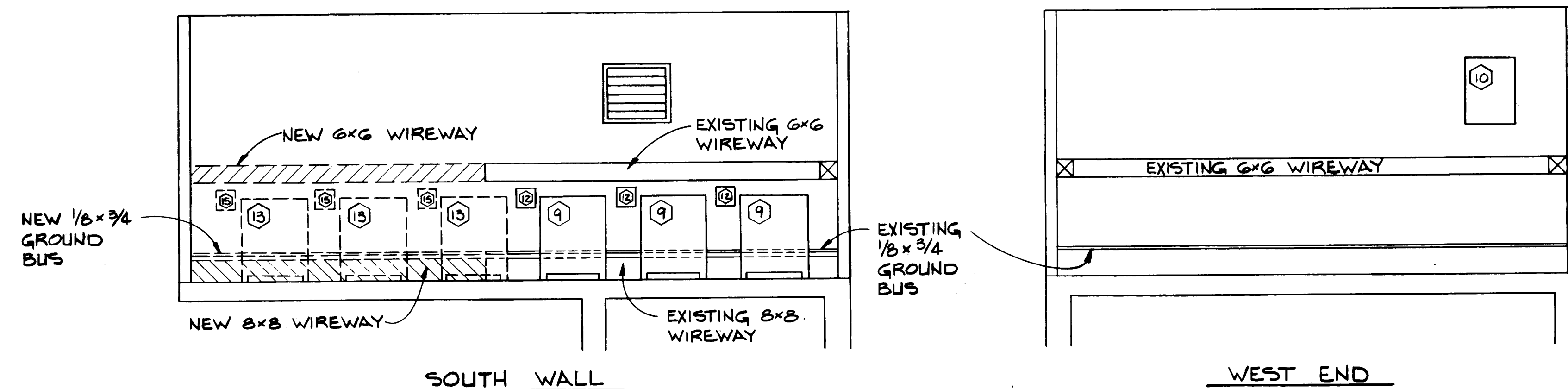
DRAWING NO. 1692	MAP NO.	SHEET 21 OF 24
---------------------	---------	----------------

[illegible]

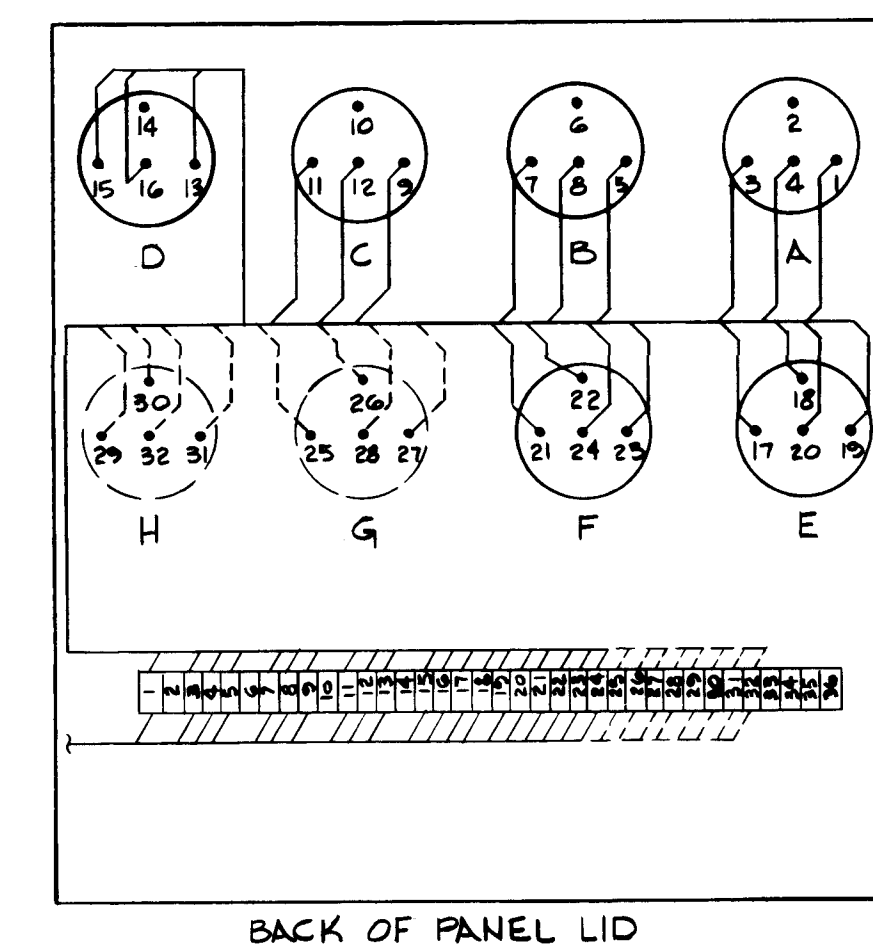
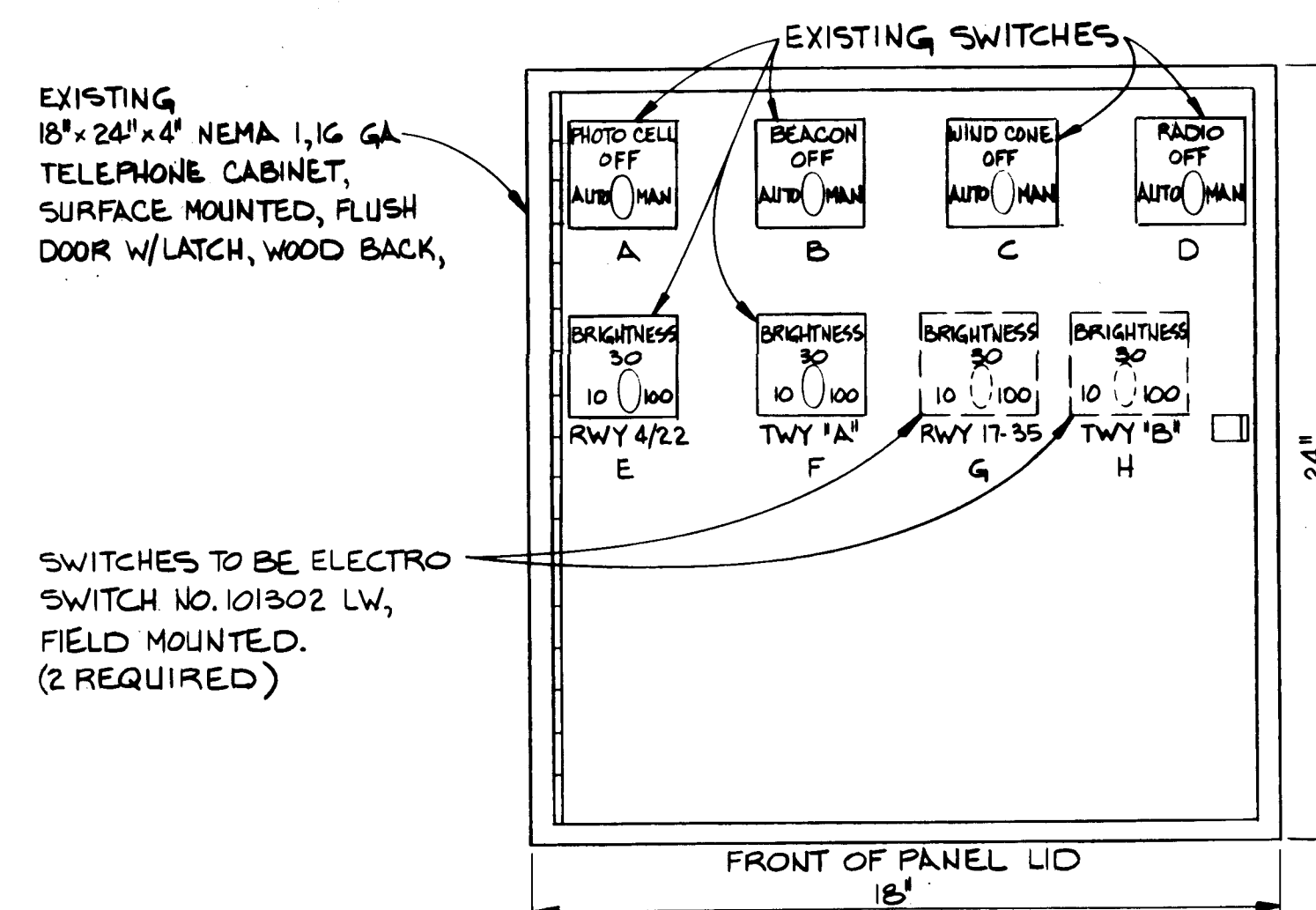
[illegible]



DRAWING NO.	1692	MAP NO.	SHEET	OF	23	24
----------------	------	---------	-------	----	----	----



NOTE: LABELS SHALL BE RIGID LAMINATED PLASTIC NAMEPLATES ATTACHED TO THE PANEL WITH SHEET METAL SCREWS OR RIVETS WITH DATA INSCRIBED OR ENGRAVED.



LEGEND
SEE SHEET 23 OF 24

RECORD DRAWING

DATE 5/10/85

BY [Signature]

26 1 6 9 2 2 4 8 5

SOVAY ENGINEERS, INC.
ALBUQUERQUE
HOUSTON • SPOKANE • AUSTIN • BATON ROUGE

CITY OF ALBUQUERQUE
DEPARTMENT OF AVIATION

TITLE: **ELECTRICAL EQUIPMENT LAYOUT & CONTROLS**

DOUBLE EAGLE II AIRPORT			AIP-3-35-0002-03		
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	[Signature]	5/10/85	Liquid Waste	AM W03	2-3-84
A.C.E. - Design	[Signature]	5/10/85	Traffic	AM W03	2-3-84
A.C.E. - Hydrology	[Signature]	2/3/85	Water	AM W03	2-3-84
QA: [Signature] 6-5-84					
DRAWING NO.	1692	MAP NO.	SHEET 24 OF 24		