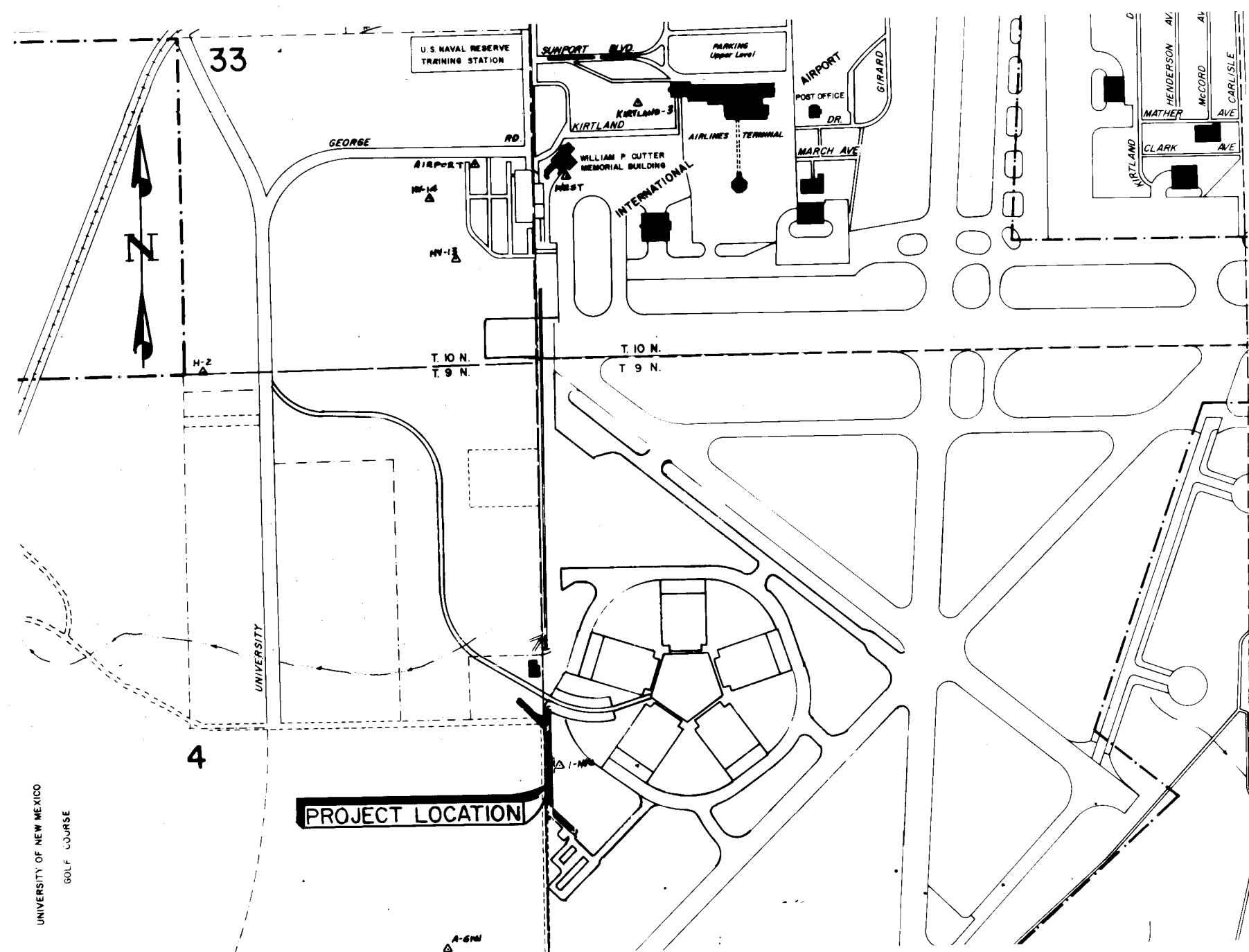


ALBUQUERQUE INTERNATIONAL AIRPORT
SOUTH GENERAL AVIATION
AREA IMPROVEMENTS-PART 4
SANITARY SEWER
AND
TELEPHONE DUCT IMPROVEMENTS



INDEX OF DRAWINGS

SHEET NO.	DESCRIPTION
1 OF 7	TITLE SHEET, AND INDEX OF DRAWINGS
2 OF 7	LEGEND AND GENERAL NOTES
3 OF 7	PROJECT LOCATION PLAN
4 OF 7	PLAN / PROFILE - SANITARY SEWER & TELEPHONE DUCT
5 OF 7	PLAN / PROFILE - SANITARY SEWER & TELEPHONE DUCT
6 OF 7	TELEPHONE VAULT - PLANS, SECTIONS & ISOMETRIC
7 OF 7	TELEPHONE VAULT - MISCELLANEOUS DETAILS

APPROVAL OF AS BUILT DRAWINGS
ASST. CITY ENGINEER - FIELD
W. J. McNamee
DATE 8-22-85

1 2 3 4 5 6 7 8 9 10 11 12
26 23 16 01 85

REV	SHEETS	CITY ENGINEER	DATE	USER DEPT.	DATE	USER DEPT.	DATE

RECORD DRAWING
DATE 1111 91 1985 JUL 31 1985
These drawings have been revised based on the construction records of the owner. While the information submitted by the Owner will be assumed to be reliable, the Engineer will not be responsible for the accuracy of this information nor for errors or omissions which may appear in the record document as a result thereof.

RECORD DRAWING INFORMATION
CONTRACTOR: Baker - Sparling
INSPECTORS ACCEPTANCE: Jonathan Ortega
ACCEPTANCE DATE FOR BENEFICIAL OCCUPANCY: July 17, 1985
WORK STAKED BY: Contractor
FIELD VERIFICATION BY: City



LEEDSHILL-HERKENHOFF, INC.
Copper Square, 500 Copper Ave. N.W.
P.O. Box 1217
Albuquerque, New Mexico 87103
(505) 247-0294

APPROVED FOR CONSTRUCTION
C. J. Delgado
SHEET 1 OF 7

DATE : JANUARY 1985

PROPOSED	EXISTING	DESCRIPTION
●	○	SANITARY SEWER MANHOLE
NA	⊗	STORM DRAIN MANHOLE
NA	○ TELE MH	TELEPHONE MANHOLE
— SAS 8" CP —	— SAS 8" CP —	SANITARY SEWER LINE W/ SIZE & TYPE
NA	— SD 48" RCP —	STORM DRAIN LINE W/ SIZE & TYPE
NA	— W 6" CI —	WATER LINE W/ SIZE & TYPE
NA	— [E] —	OVERHEAD ELECTRICAL LINES
NA	— [UE] —	UNDERGROUND ELECTRICAL / TRAFFIC CONTROL
— [UT] —	— [UT] —	UNDERGROUND TELEPHONE
NA	— [⊗] 2" HP —	GAS LINES W/ SIZE & TYPE
NA	— [CT] —	CABLE TELEVISION LINES
NA	— [] —	ENCASEMENT
NA	⊗	STORM DRAIN INLETS (GRADE ELEVATION GIVEN IN PLANS IS EXTENDED FLOW LINE)
NA	— [⊗] —	GATE VALVE
NA	— [⊗] —	BUTTERFLY VALVE
NA	⊗	FIRE HYDRANTS
NA	— [▷] —	REDUCERS
— T — T —	— T — T —	SAS SERVICE CONNECTION
NA	— [] — [] —	WATER SERVICE CONNECTION
NA	⊕	TEES
NA	⊕	CROSSES
NA	⋈	BENDS
— [] —	— [] —	CAPS & PLUGS
NA	⊗ WM	WATER METER
	⊗ VB	VALVE BOX
NA	⊗ PP	POWER POLE
NA	⊗ LP	LIGHT POLE
NA	⊗ TL	TRAFFIC LIGHT
NA	⊗ TC	TRAFFIC CONTROL BOX
NA	⊗ PB	PULL BOX
NA	⊗ TB	TELEPHONE BOOTH
NA	— — — — —	CURB & GUTTER
NA	— 4 S W —	SIDEWALK
NA	[] [] [] []	BLOCK WALL
NA	— ○ — ○ — ○ — ○ —	CHAIN LINK FENCE
NA	— X — X — X — X — X —	FIELD FENCE
NA	NA	SPOT ELEVATIONS
NA	— — — — —	PROJECT / PHASE BOUNDARY
NA	— — — — —	RIGHT OF WAY LINES
NA	— — — — —	PROPERTY LINES (SIDE)
NA	— — — — —	PUBLIC EASEMENTS
NA	NA	CONSTRUCTION THIS PROJECT SPECIFIED ON DIFFERENT SHEET
NA	NA	LIGHT POLE BASE

GENERAL NOTES:

1. ALL WORK DETAILED ON THESE PLANS TO BE PERFORMED UNDER THIS CONTRACT SHALL, EXCEPT AS OTHERWISE STATED OR PROVIDED FOR HEREON, BE CONSTRUCTED IN ACCORDANCE WITH THE NEW MEXICO STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION 1979 AND THE PROJECT SPECIFICATIONS TITLED "ALBUQUERQUE INTERNATIONAL AIRPORT, SOUTH GENERAL AVIATION AREA IMPROVEMENTS" -PART 4 - SANITARY SEWER AND TELEPHONE IMPROVEMENTS".
2. TWO (2) WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT LINE LOCATING SERVICE, 765-1234, FOR LOCATION OF EXISTING UTILITIES.
3. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL OBSTRUCTIONS. SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE ENGINEER SO THAT THE CONFLICT CAN BE RESOLVED WITH MINIMUM AMOUNT OF DELAY.
4. ALL NEW STREET PAVING, DRIVEWAYS, SIDEWALKS, AND CURB AND GUTTERS, ABUTTING EXISTING AREAS SHALL MATCH THE ELEVATION OF THOSE AREAS.
5. PERMANENT PAVEMENT STRIPING AND MARKINGS SHALL BE PLACED BY THE CITY AND ARE NOT A PART OF THIS CONTRACT.
6. THE CONTRACTOR SHALL ASSUME RESPONSIBILITY FOR ANY DAMAGE TO EXISTING CURB AND GUTTER DURING CONSTRUCTION, APART FROM THOSE SECTIONS INDICATED FOR REMOVAL ON THE PLANS, AND SHALL REPAIR OR REPLACE SAME AT HIS OWN EXPENSE. HE SHALL SUITABLY PROTECT THE CURB AND GUTTER FROM INCIDENTAL SPLASHING DURING THE TACK COAT APPLICATION AND SHALL BE RESPONSIBLE FOR CLEANING SAME AT HIS OWN COST SHOULD SPLASHING OCCUR.
7. ALL REFERENCE TO CITY STANDARD DRAWINGS WILL BE PER CITY OF ALBUQUERQUE CONTRACT DOCUMENTS FOR PUBLIC WORKS- CONTRACT NO. 84-4.
8. PLACE APPROXIMATELY 3" OF FILL AND CAREFULLY COMPACT OVER TELEPHONE DUCT PRIOR TO PLACING CONCRETE CAP.
9. NEW SANITARY SEWER LINE SHALL BE DUCTILE IRON, POLYVINYL CHLORIDE, OR EXTRA STRENGTH VITRIFIED CLAY PIPE MEETING THE REQUIREMENTS OF THE SPECIFICATIONS UNLESS SPECIFICALLY CALLED OUT ON THE PLANS.
10. ELECTRONIC MARKER DISKS SHALL BE INSTALLED ON SEWER STUBS IN ACCORDANCE WITH SECTION 131 OF THE SPECIFICATIONS.

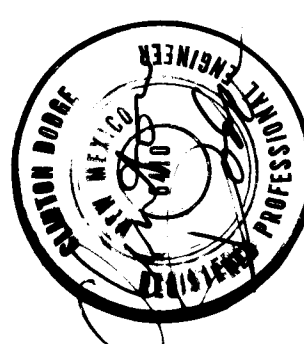
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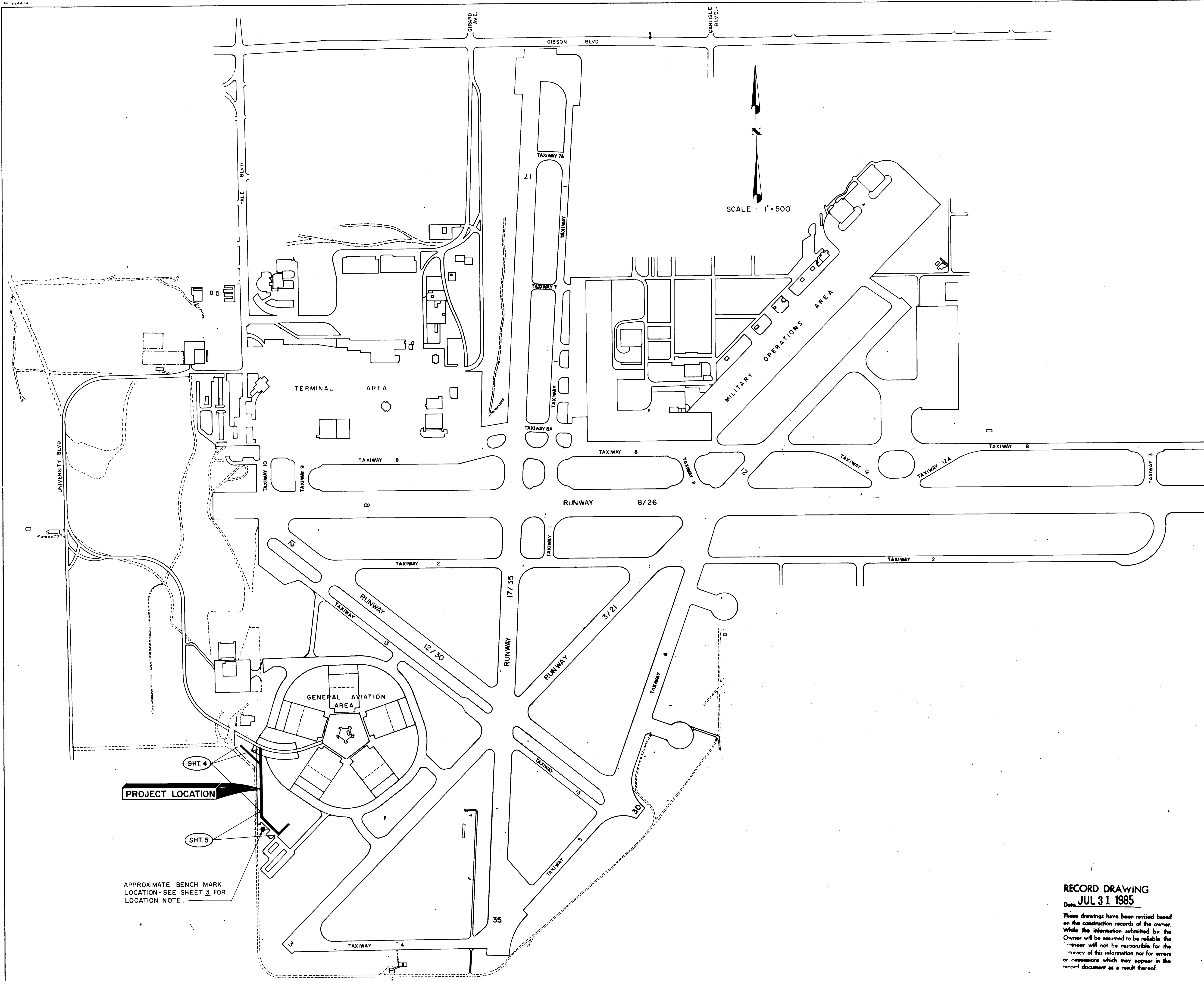
8" SANITARY SEWER FROM SOUTH GENERAL AVIATION AREA IS FOR AIRPORT USE
OF THE SOUTH GENERAL AVIATION AREA ONLY

RECORD DRAWING
JUL 31 1985

These drawings have been revised based on the construction records of the owner. While the information submitted by the Owner will be assumed to be reliable, the Engineer will not be responsible for the accuracy of this information nor for errors or omissions which may appear in the second document as a result thereof.

26 23160285											
CITY OF ALBUQUERQUE MUNICIPAL DEVELOPMENT DEPARTMENT ENGINEERING DIVISION											
TITLE: ALBUQUERQUE INTERNATIONAL AIRPORT SOUTH GENERAL AVIATION AREA IMPROVEMENTS-PART LEGEND											
APPROVALS		ENGINEER		DATE		APPROVALS		ENGINEER		DATE	
City Engineer		[Signature]		12/10/84		Liquid Waste		William Pabel		1/30/85	
ACE - Design		[Signature]		1/30/85		Traffic		N.P. DuH		1/30/85	
ACE - Hydrology		N.A.		1/30/85		Water		William Pabel		1/30/85	
DRAWING NO.		MDD 2316		MAP NO.		N-16		SHEET		2 OF 7	

ENGINEER'S SEAL		SURVEY INFORMATION		BENCH MARKS		AS BUILT INFORMATION	
		FIELD NOTES				Baker - Spurling	
NO.		BY		DATE		Contractor	
						SEE U.S. NATIONAL BENCHMARK ORIENTATION ORIENTATION	
						DRAWINGS	
						CORRECTED BY: [Signature]	
						MICRO-FILM INFORMATION	
						NO. 12345	
						NO.	



RECORD DRAWING
Date JUL 31 1985

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

CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT
ENGINEERING DIVISION

TITLE: ALBUQUERQUE INTERNATIONAL AIRPORT
SOUTH GENERAL AVIATION AREA IMPROVEMENTS-PART 4
PROJECT LOCATION PLAN

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	<i>[Signature]</i>	12/1/95	Liquid Waste	NA NA <i>[Signature]</i>	1/30/95
A.C.E. - Design	<i>[Signature]</i>	1/13/95	Traffic	NA DWH	1/30/95
A.C.E. - Hydrology	NA	1/13/95	Water	NA <i>[Signature]</i>	1/30/95
Avalanche Eng.	<i>[Signature]</i>	1/13/95			

DRAWING NO. **MDD 2316**

MAP NO. **N-16**

SHEET **3** OF **7**

[illegible]

STA. 0+00 Existing SMH & Sewer=
(OPP. STA. 0+00-15' RT. & Constr. B.L.)
Connect to existing SMH and
Begin 8" Sewer Line Constr.

STA. 1+50.27 & Sewer=
(OPP. STA. 1+50.27-15' RT. & Constr. B.L.)
Construct 4'DIA. Drop M.H.

P.I. STA. 3+00 & TEL. Ducts
(OPP. STA. 1+74 -5' RT. & Constr. B.L.)
 $\Delta = 57^{\circ} 54' 39''$ RT.
STA. 3+06
Install Precast TEL. M.H. Vault
See Sheet 6&7 for Details

STA. 4+45.27 & Sewer=
(OPP. STA. 4+40.27-15' RT. & Constr. B.L.)
Construct 4'DIA. Type "E" M.H.
With 15' of 6" Stub out & Cap (PVC)

STA. 0+130 & Construction B.L.=
(OPP. STA. 0+00-71.60' RT. Base
Line "B")

Existing SMH. N°1

4'-5" 4" PVC Encased
in 2' of Concrete

Exist. SDMH #2

STA. 0+00 & TEL. Ducts & Existing P.P.=
(OPP. STA. 0+04 46-269.00' RT. & Constr. B.L.)
Begin Telephone Line Construction
See Sheet 5 for Details

Existing Power Pole

& Telephone Ducts
& Construction B.L.

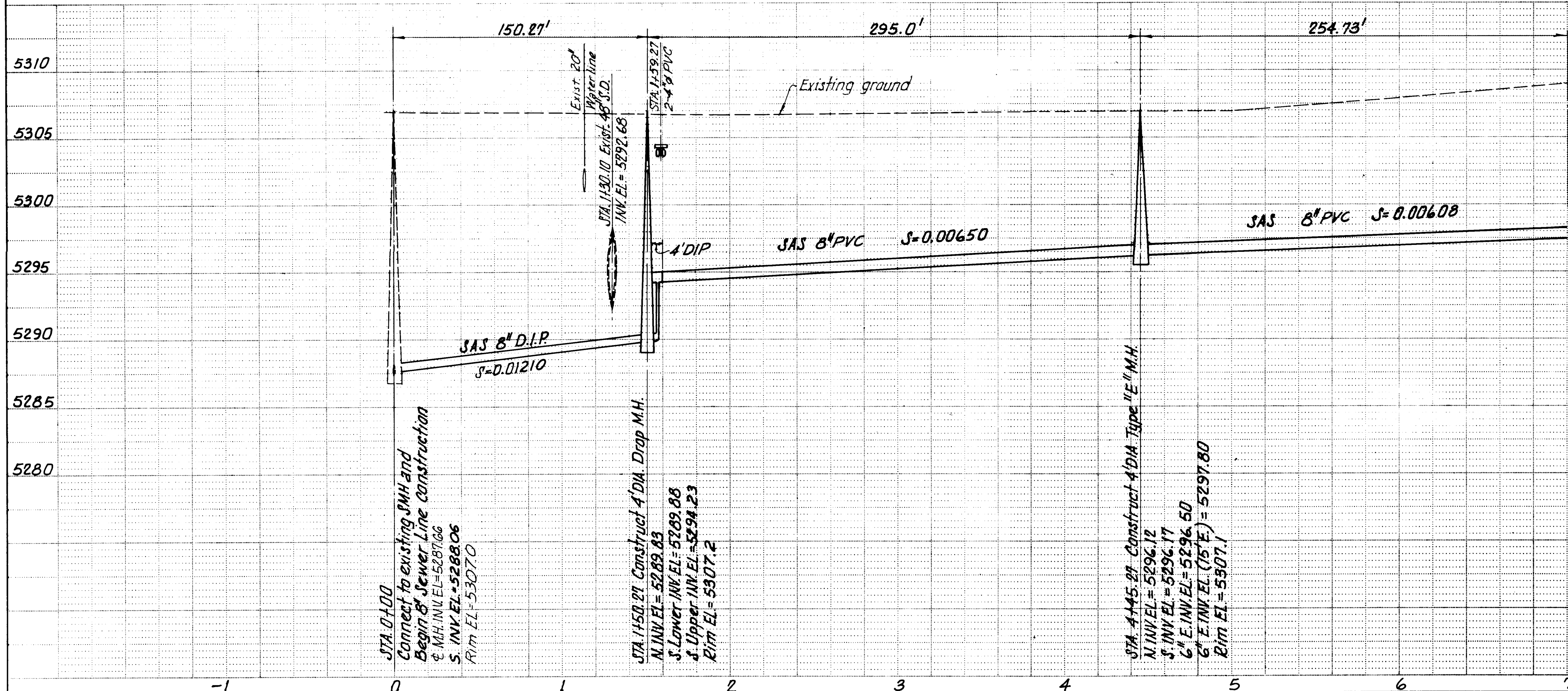
& Sanitary Sewer Line

& Road

& Base Line "B"

Match Line & Constr. B.L.
See Sheet 5.

SCALES:
HORIZ. 1"=40'
VERT. 1"=5'



RECORD DRAWING
JUL 31 1985

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on the construction records of the owner.
While the information submitted by the
owner will be assumed to be reliable, the
engineer will not be responsible for the
accuracy of the information nor for errors
or omissions which may appear in the
record documents as a result thereof.

Existing SMH. N°1
Rim EL=5303.69
INV. EL=5282.14

Existing SMH. N°2
Rim EL=5306.93
INV. EL=5287.66

Existing SDMH #1
Rim EL=5307.40
INV. EL=5293.67

Existing SDMH #2
Rim EL=5291.66

NOTE:
Brass Cap City of Albuquerque
Survey Control Station I-N16 is
located at STA. 10+57.89 Base
Line "B" - 71.43' Left.

AS BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		ENGINEER'S SEAL	
CONTRACTOR	Baker-Opalring	Albuquerque City Survey Control Station I-N16 is a 1/4" dia. brass cap set in concrete monument stamped "I-N16" and projecting 0.1 ft. above ground, located near the Southwest corner of Albuquerque International Airport, just East of the A.I. Airport Fence Line.	Albuquerque City Survey Control Station I-N16 is a 1/4" dia. brass cap set in concrete monument stamped "I-N16" and projecting 0.1 ft. above ground, located near the Southwest corner of Albuquerque International Airport, just East of the A.I. Airport Fence Line.	FIELD NOTES	DATE	ENGINEER'S SEAL	ENGINEER'S SEAL
WORKS BY	Contractor			NO.	DATE	ENGINEER'S SEAL	ENGINEER'S SEAL
INSPECTORS	Inspection			BY	DATE	ENGINEER'S SEAL	ENGINEER'S SEAL
ACCEPTANCE	Acceptance			REMARKS	DATE	ENGINEER'S SEAL	ENGINEER'S SEAL
DATE	DATE			DESIGN	DATE	ENGINEER'S SEAL	ENGINEER'S SEAL
DATE	DATE			REVISIONS	DATE	ENGINEER'S SEAL	ENGINEER'S SEAL
DATE	DATE			DESIGNED BY	DATE	ENGINEER'S SEAL	ENGINEER'S SEAL
DATE	DATE			DRAWN BY	DATE	ENGINEER'S SEAL	ENGINEER'S SEAL
DATE	DATE			CHECKED BY	DATE	ENGINEER'S SEAL	ENGINEER'S SEAL

AS BUILT NOTE
① Angle Points in Telephone Ducts
accomplished by bending ducts
and relocating Manholes.

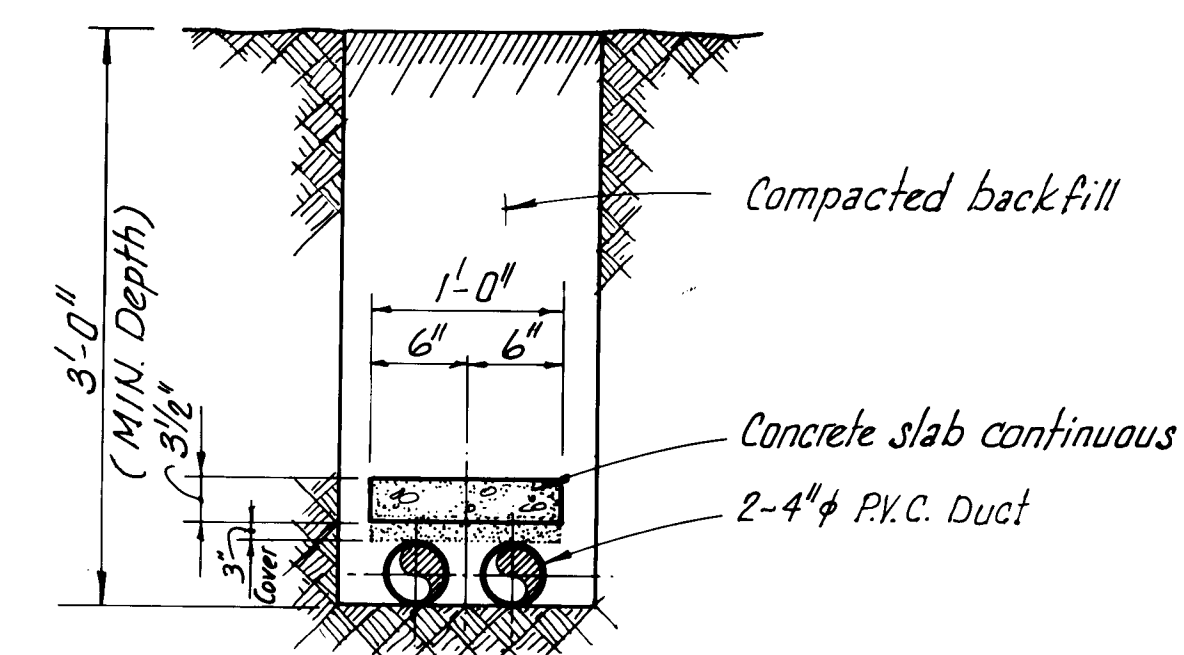
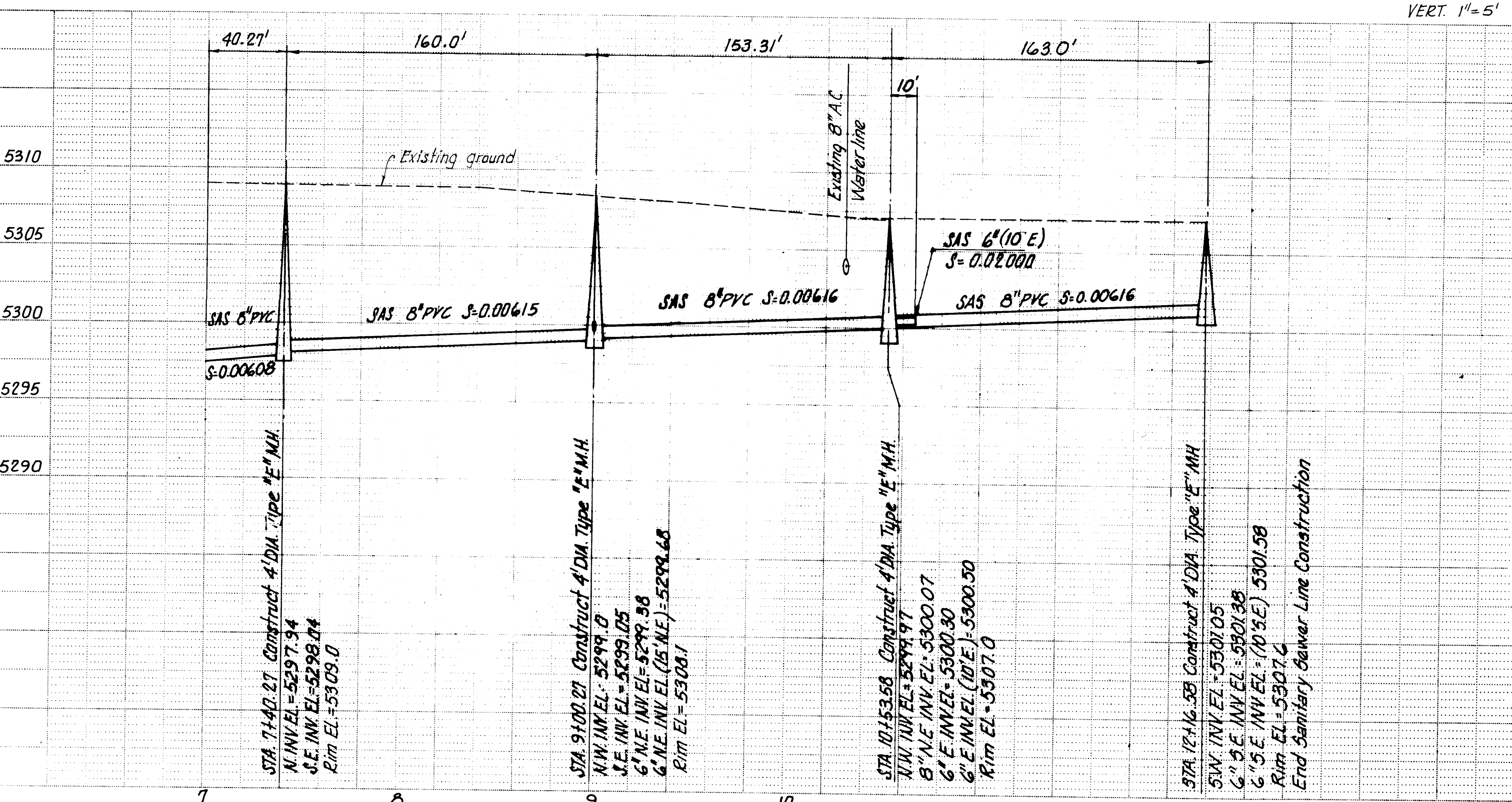
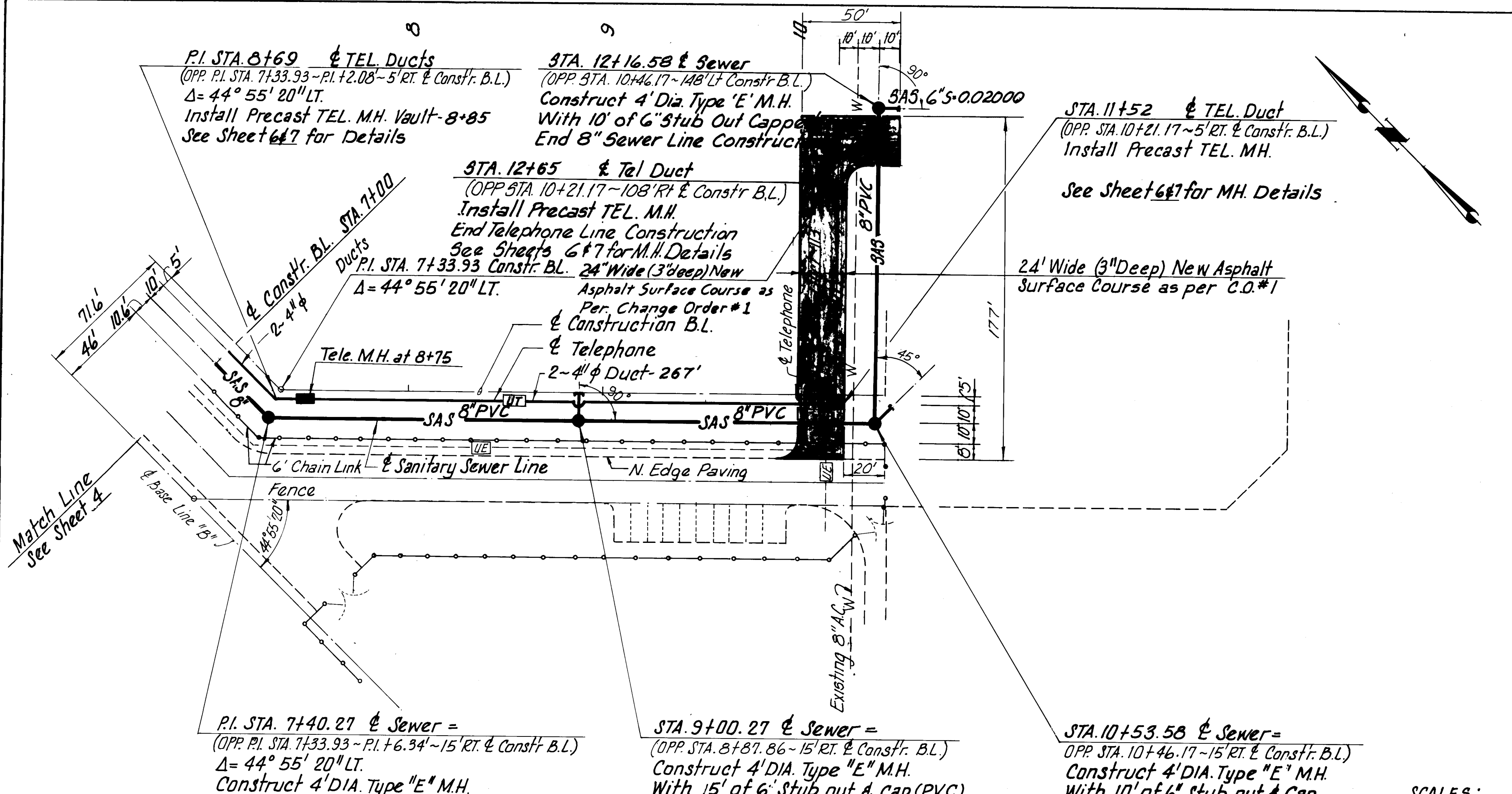
26 23160485

CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT
ENGINEERING DIVISION

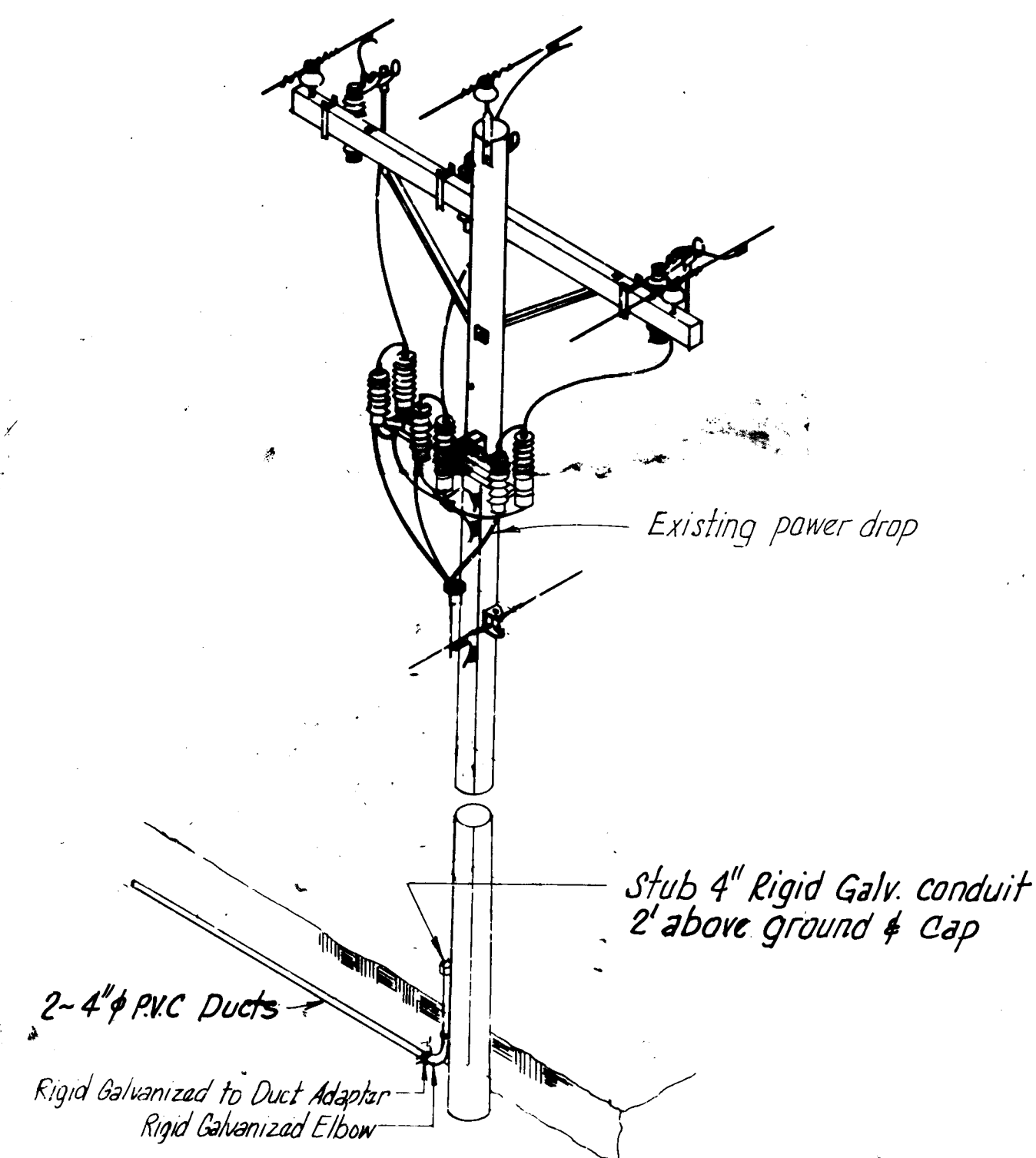
TITLE: ALBUQUERQUE INTERNATIONAL AIRPORT
SOUTH GENERAL AVIATION AREA IMPROVEMENTS-PART 4
PLAN/PROFILE- SANITARY SEWER & TEL. DUCT

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	ACE-Design	1/30/85	Liquid Waste	William B. Bohl	1/30/85
ACE-Hydrology	ACE-Hydrology	1/30/85	Traffic	N.R. D.W.H.	1/30/85
ACE-Hydrology	ACE-Hydrology	1/30/85	Water	William B. Bohl	1/30/85

DRAWING NO. MDD 2316 MAP NO. N-16 SHEET 4 OF 7



TELEPHONE DUCT
TRENCH DETAIL



TYPICAL PRIMARY RISER DETAIL
NOT TO SCALE

SCALES:
HORIZ. 1"=40'
VERT. 1"=5'

RECORD DRAWING
JUL 31 1985

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AS BUILT NOTES

- ① Angle Points in Telephone Duct accomplished by bending Ducts and relocating Manholes.
- ② Ladders and Racks Installed in all Vaults as per Change Order #2

26 23160585

CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT
ENGINEERING DIVISION

TITLE: ALBUQUERQUE INTERNATIONAL AIRPORT
SOUTH GENERAL AVIATION AREA IMPROVEMENTS-PART 4
PLAN/PROFILE - SANITARY SEWER & TEL DUCT

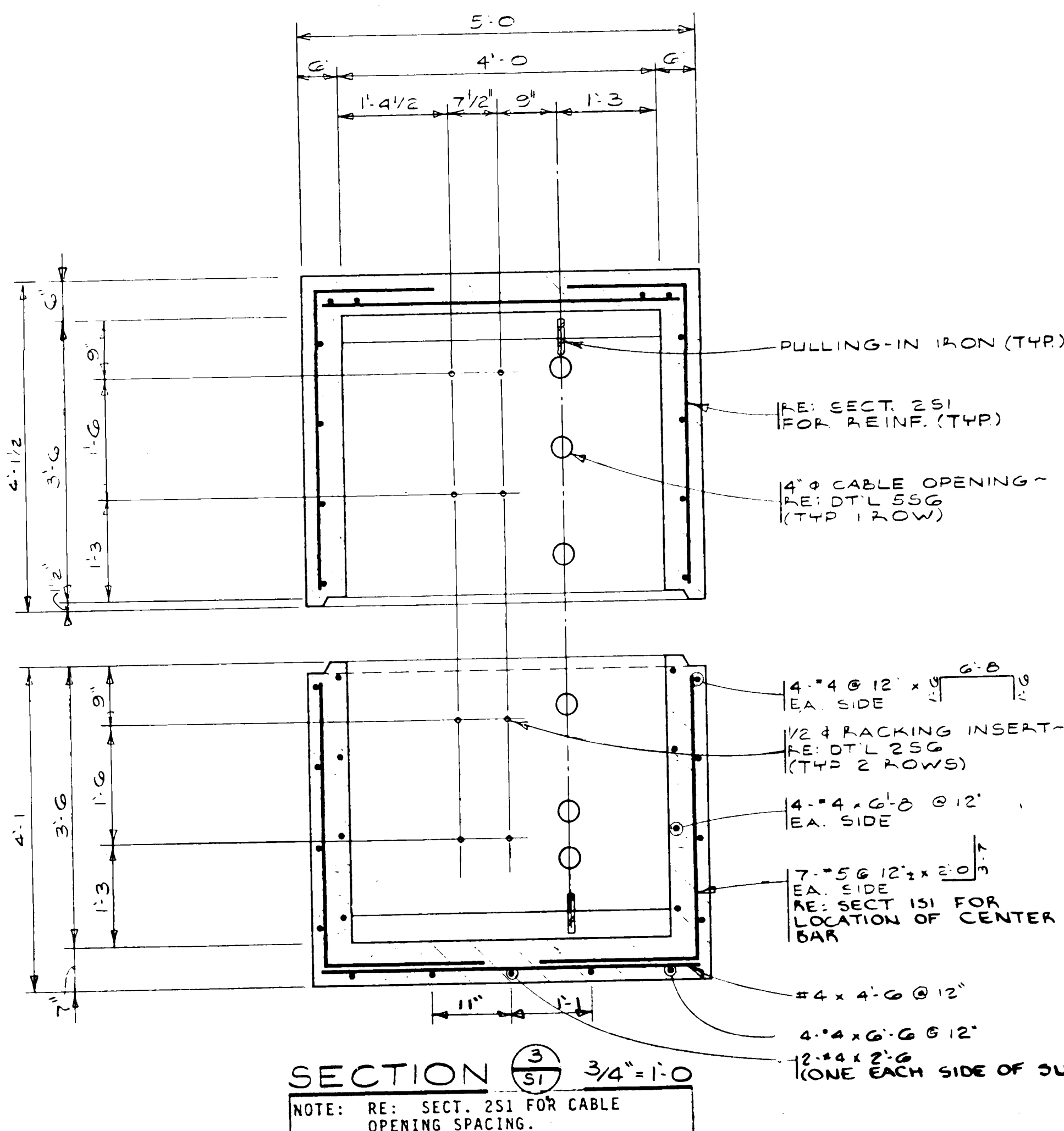
APPROVALS			APPROVALS		
ENGINEER	DATE		ENGINEER	DATE	
City Engineer	<i>ED</i>	<i>1/3/95</i>	Liquid Waste	<i>William Bates</i>	<i>1/30/95</i>
A.C.E. - Design	<i>John Bates</i>	<i>1/30/95</i>	Traffic	<i>NB DWH</i>	<i>1/30/95</i>
A.C.E. - Hydrology	<i>N.A.</i>	<i>1/3/95</i>	Water	<i>William Bates</i>	<i>1/30/95</i>

DRAWING NO.	MDD 2316	MAP NO.	N-16	SHEET	5	OF	7
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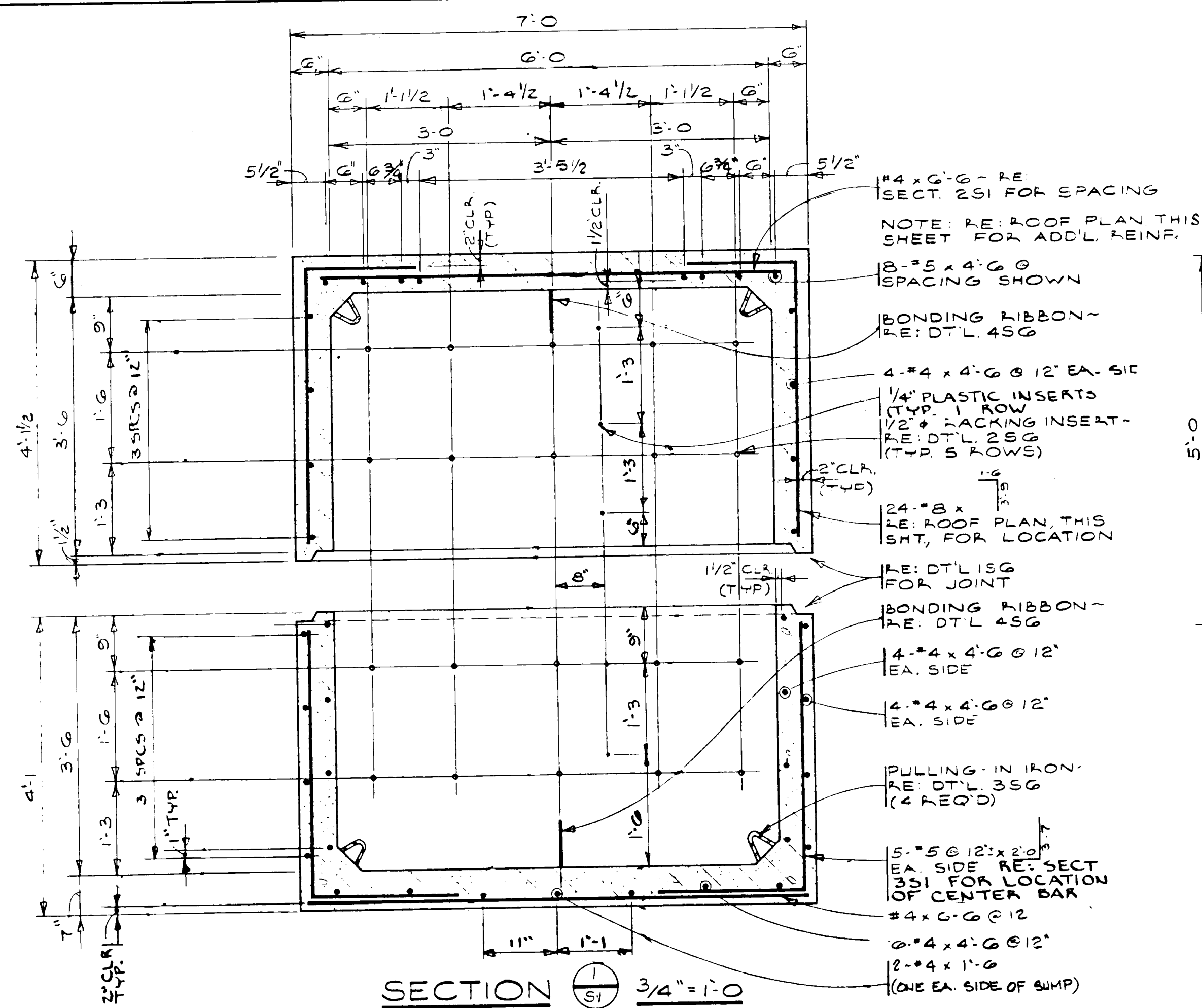
BENCH MARKS	AS BUILT INFORMATION
Albuquerque City Library Central Station I-16, a 70' C.O.A. mass set in concrete monument, stamped "I-16" and projecting 21 1/2" above ground, located near the Southwest corner at Albuquerque International Airport, just East of the A.I. Airport Fence line Elev = 5308.73	CONTRACTOR Baker - Spearling WORK STARTED BY Contractor DATE ACCEPTANCE QUESTION Ortega DATE FIELD VERIFICATION BY City DATE CORRECTED BY Vertical Datum Date 8-288 MICRO-FILM INFORMATION RECORDED BY DATE NO

[illegible][illegible]

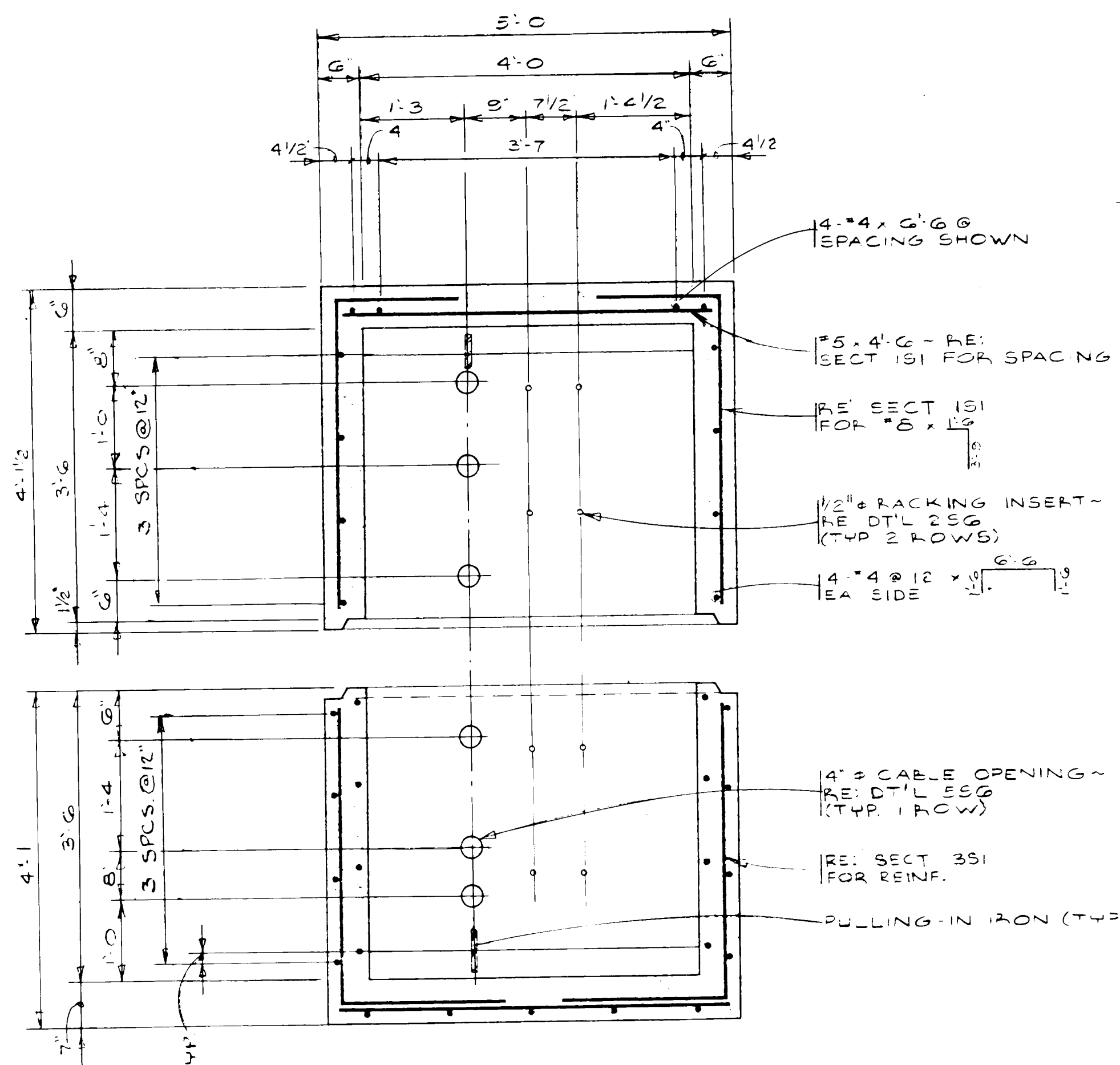
NOTE: THE APPROXIMATE WEIGHT OF THESE 6'-0" X 4'-0" PRECAST
PIECES ARE:
TOP PIECE - 2,950 LBS.
BOTTOM PIECE - 3,700 LBS.



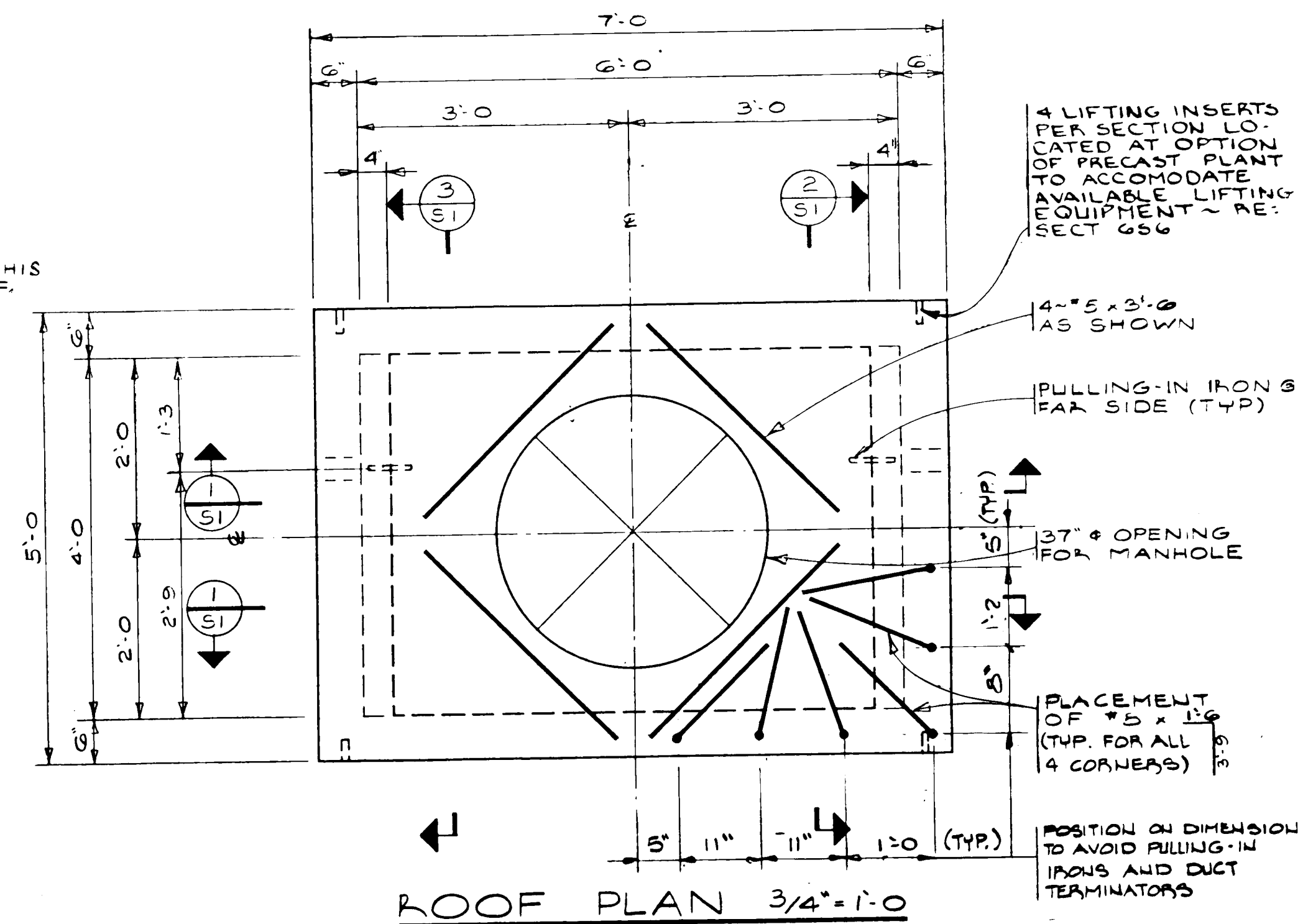
SECTION  3/4" = 1'-0"



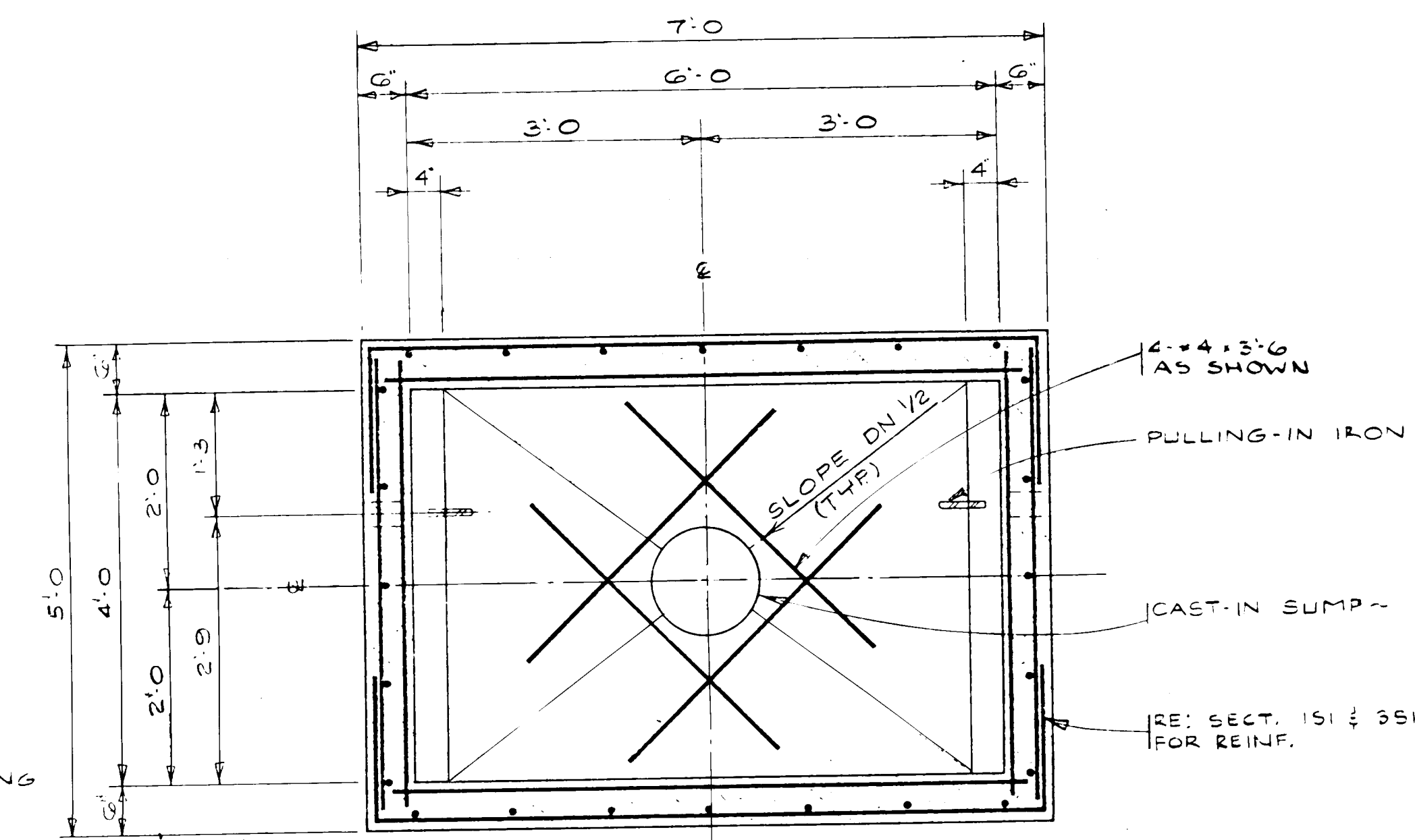
SECTION $\left(\frac{2}{5}\right)$ $3/4'' = 1'-0''$



ROOF PLAN $3/4" = 1'-0"$



FLOOR PLAN $\frac{3}{4}'' = 1'-0''$



NOTE:
Precast Information:
P.O. Box 566
Chandler, Arizona 85224
TEL. (602) 963-2678

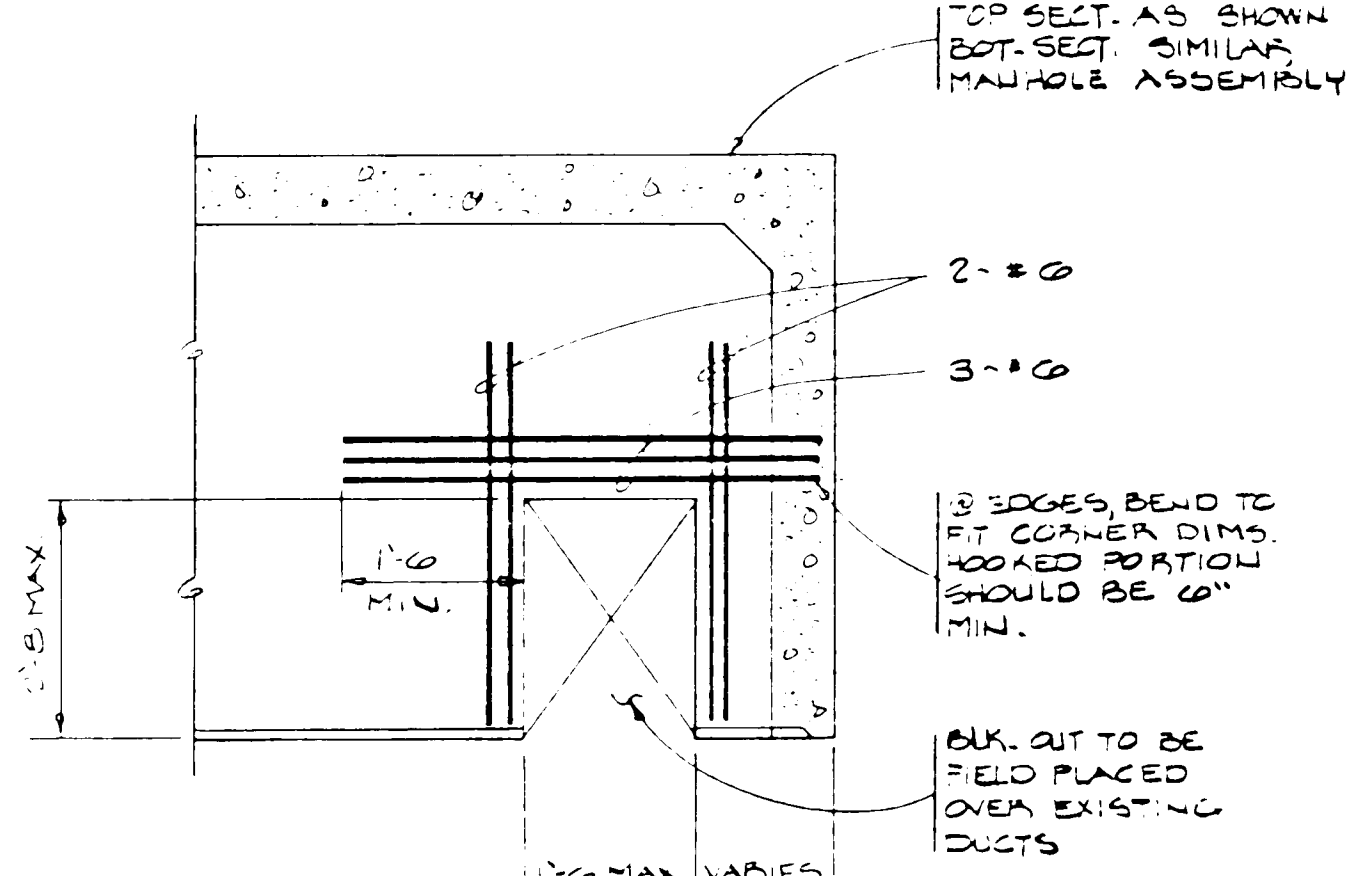
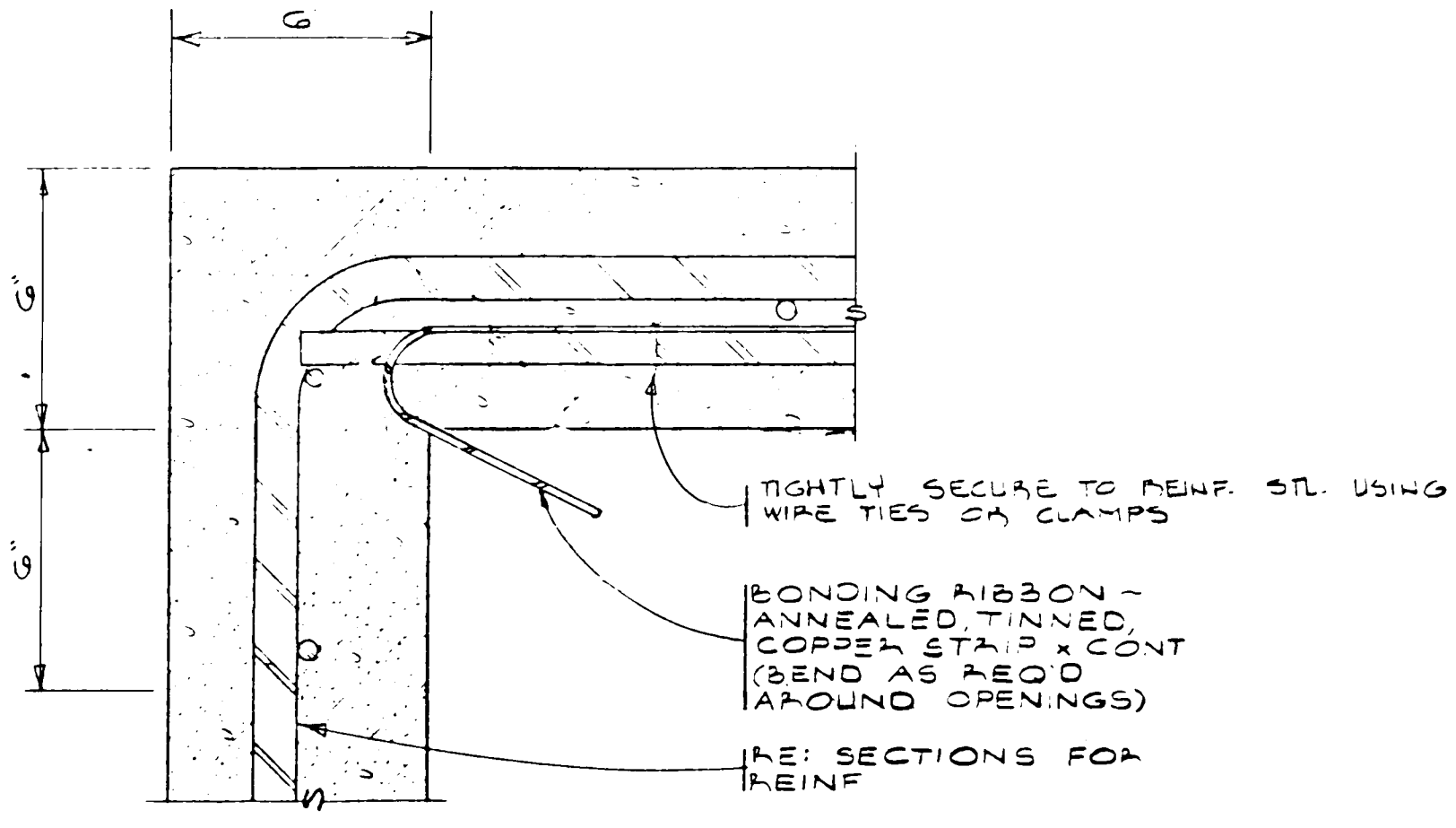
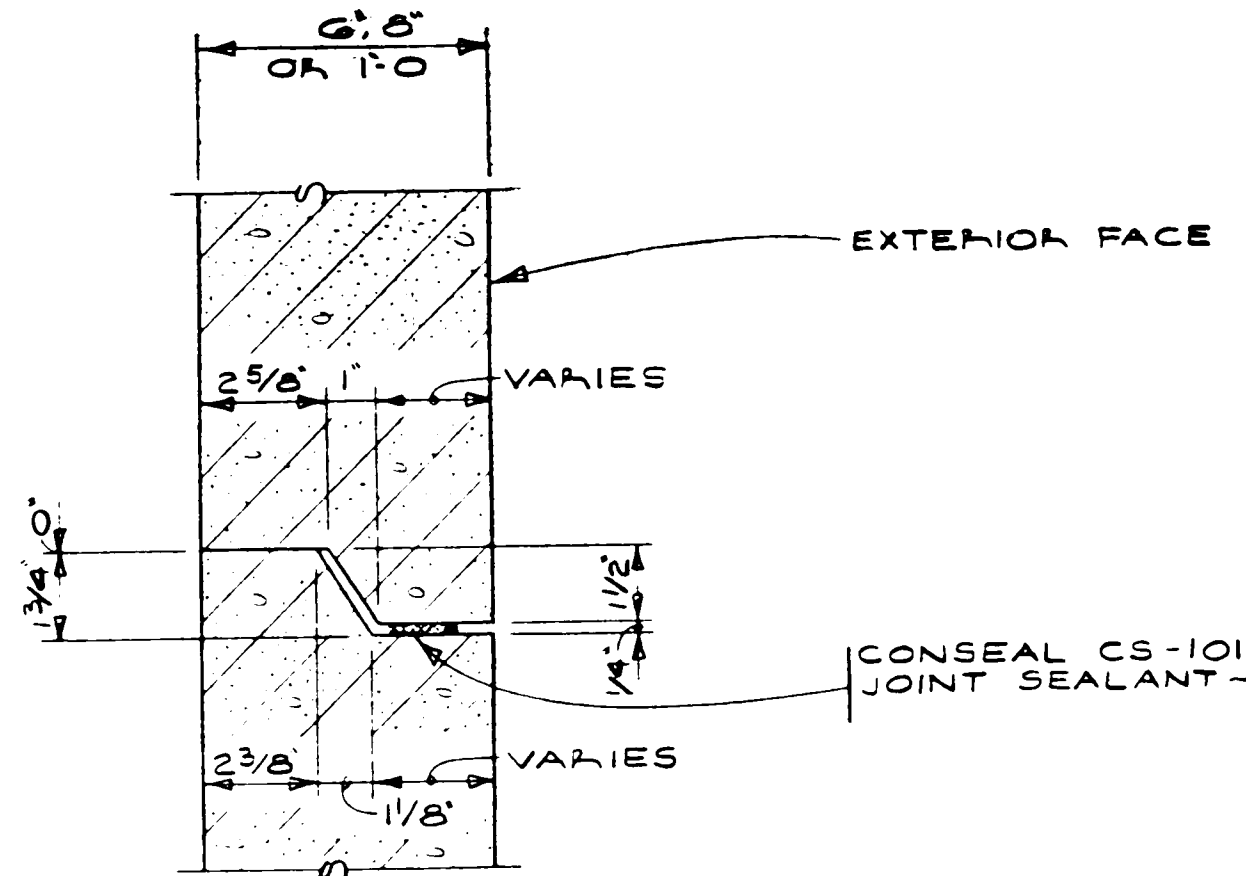
26 231 60685

RECORD DRAWING
JUL 31 1985

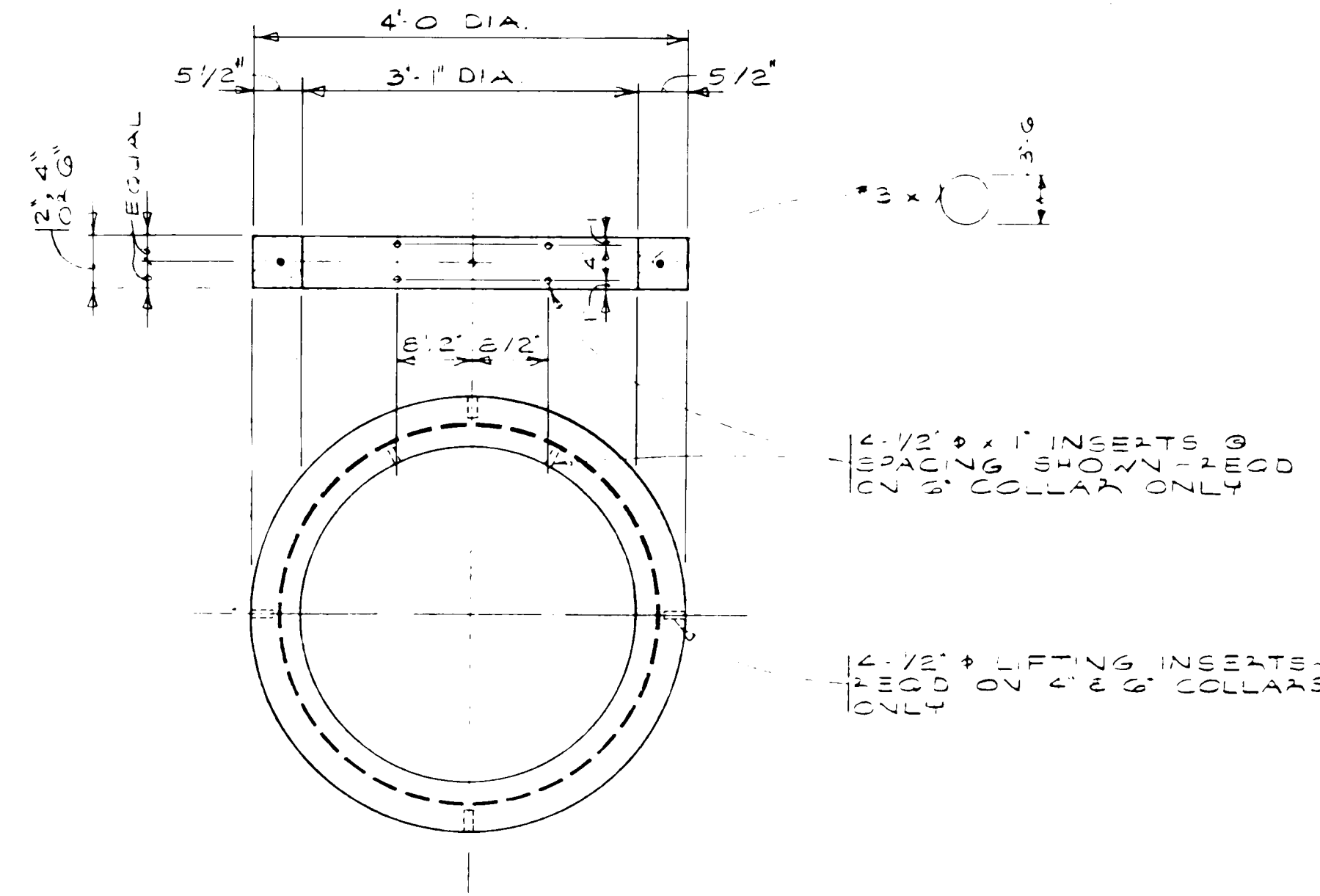
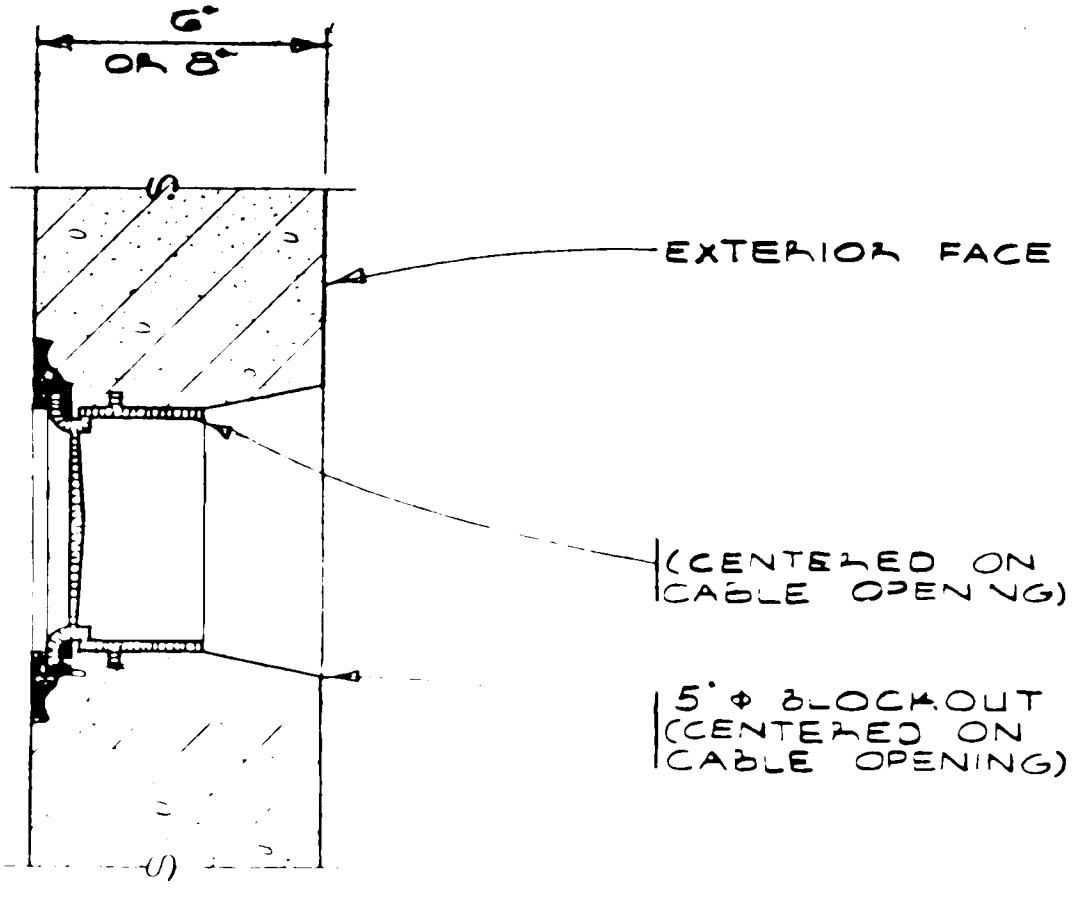
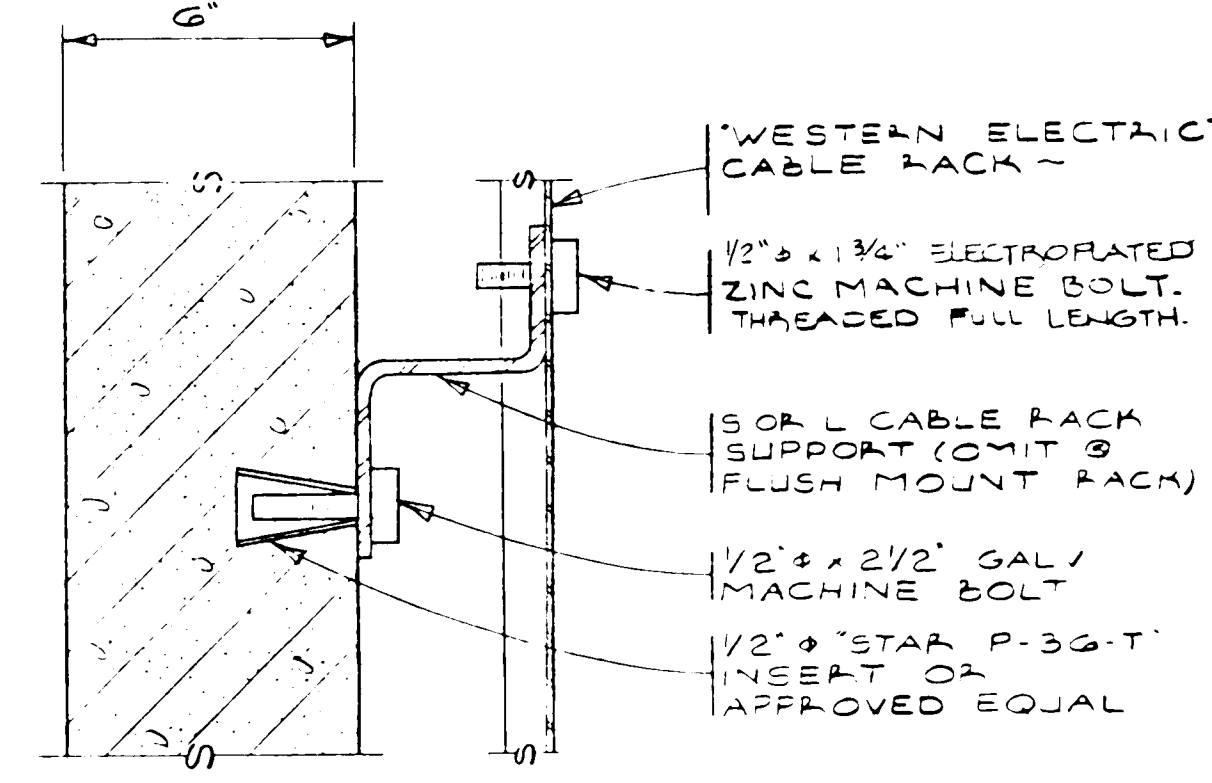
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CITY OF ALBUQUERQUE MUNICIPAL DEVELOPMENT DEPARTMENT ENGINEERING DIVISION					
TITLE: ALBUQUERQUE INTERNATIONAL AIRPORT SOUTH GENERAL AVIATION AREA IMPROVEMENTS-PART 4 TELEPHONE VAULT- PLANS, SECTIONS & ISOMETRIC					
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	<i>GH 1/11/85</i>		Liquid Waste	<i>Y.A. [unclear]</i>	<i>1/30/85</i>
A C E - Design	<i>J. H. [unclear]</i>	<i>1/13/85</i>	Traffic	<i>A.H. Davis</i>	<i>1/30/85</i>
A C E - Hydrology			Water	<i>Y.A. [unclear]</i>	<i>1/30/85</i>
Aviation Dept.	<i>H. [unclear]</i>	<i>1/30/85</i>			
DRAWING NO.	MAP NO.		SHEET 6 OF 7		
MDD 2316		N-16			

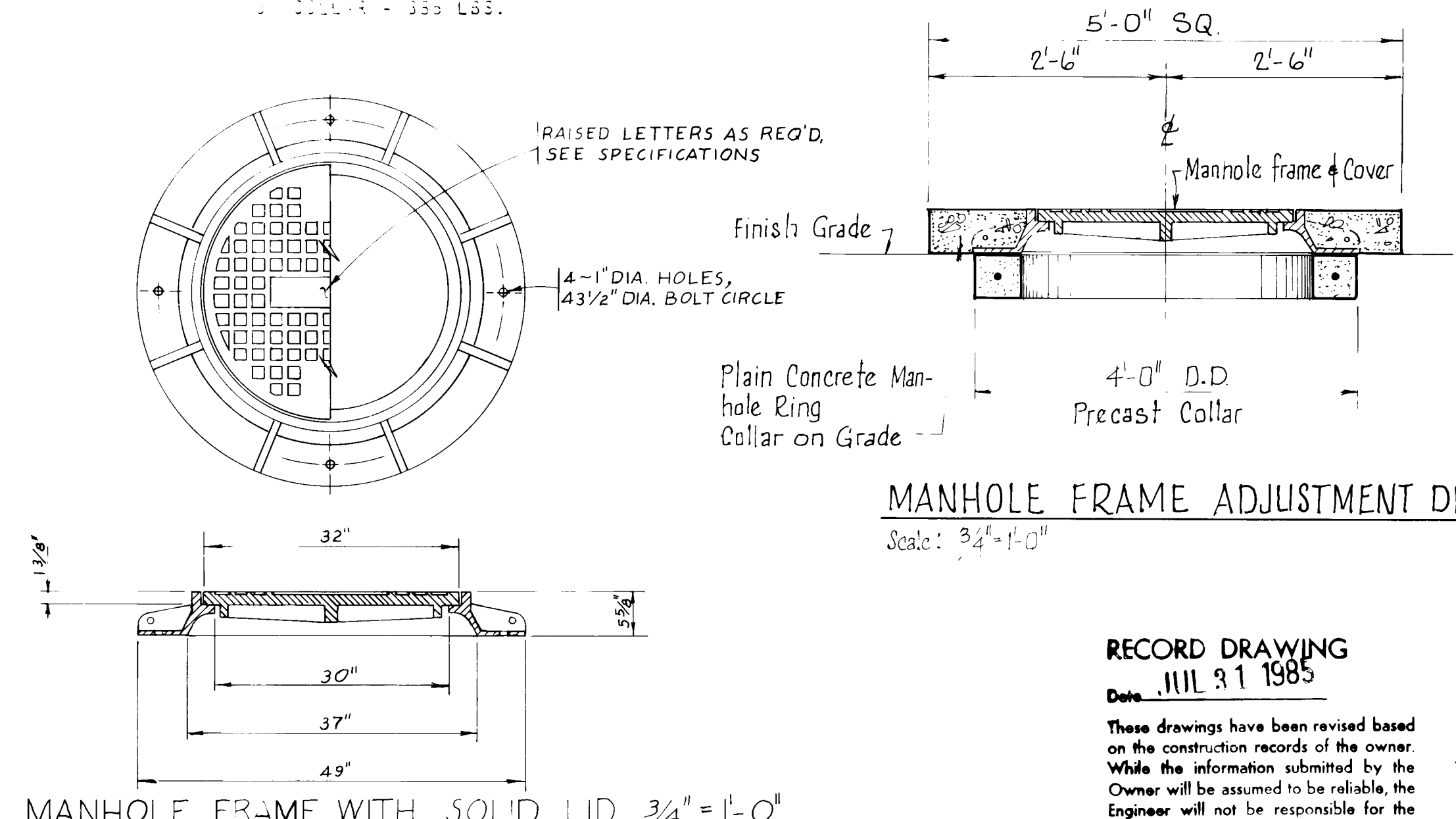
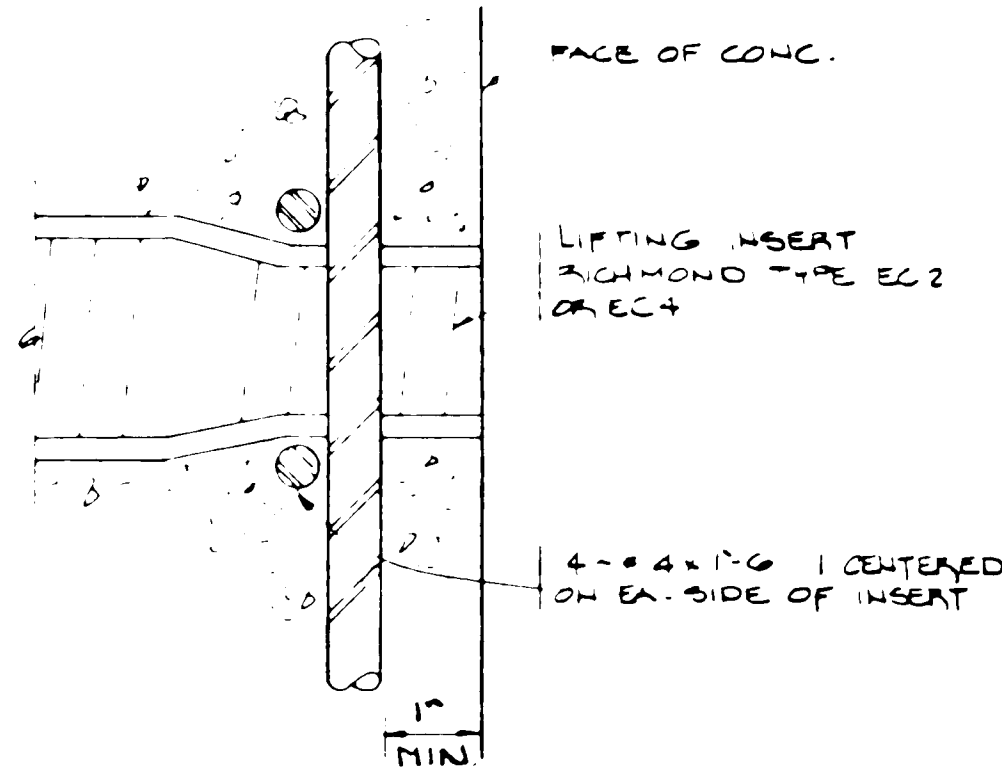
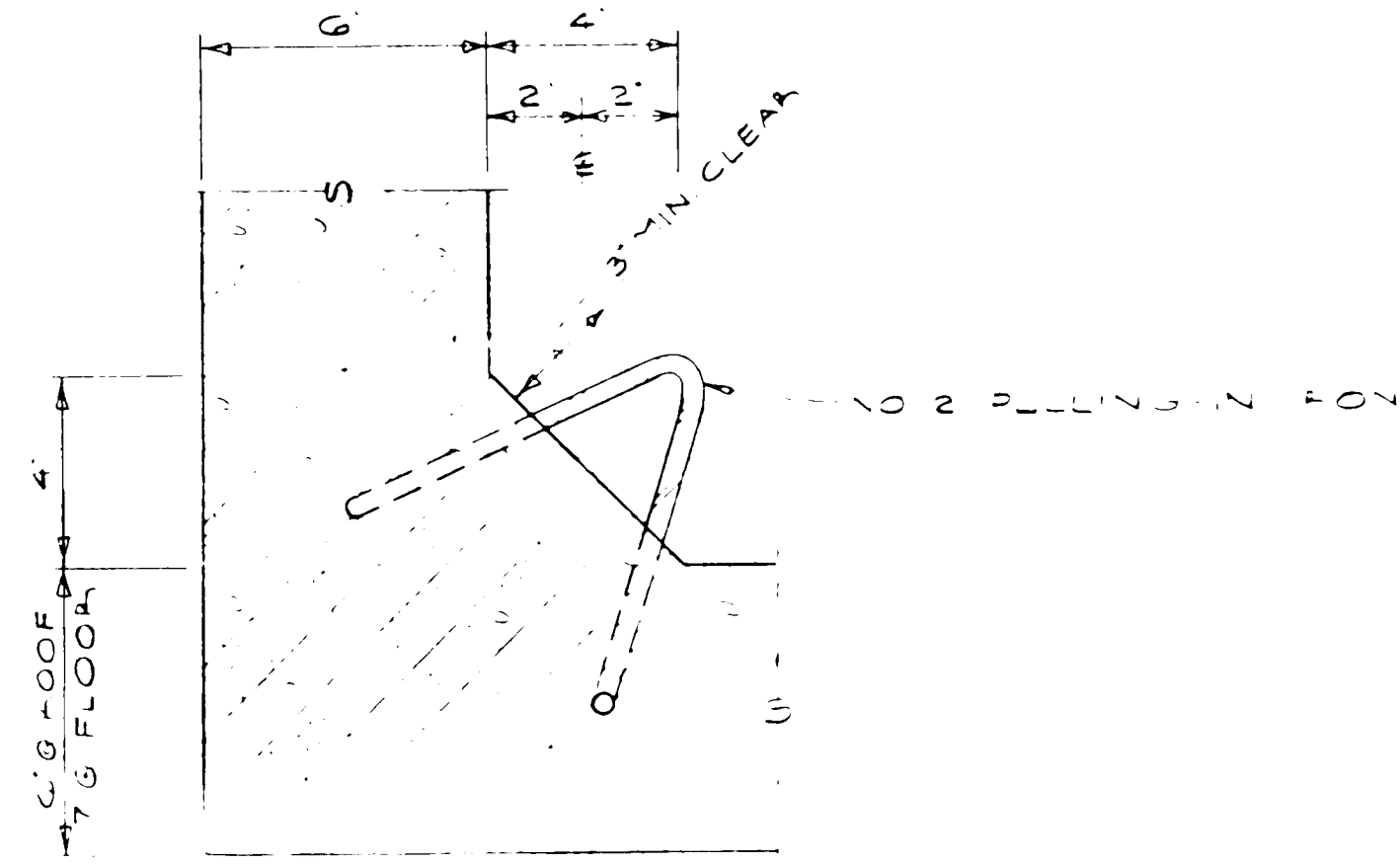
[illegible]



NOTES:
1. BLK. OUT AS SHOWN CAN BE LOCATED ON LONG OR SHORT SIDE.
2. TWO OR MORE BLK. OUTS ON THE SAME SIDE SHALL HAVE A MIN. OF 3'-0" OF CONC. BTRY. BLK. OUTS.
3. BLK. OUTS ON 2 ADJ. SIDES SHALL HAVE 3'-0" MIN. OF CONC. BTRY. BLK. OUTS AS SHOWN ON EXTERIOR FACE.



NOTES: THE APPROX. NET WEIGHT OF THESE PRECAST COLLARS ARE:
4' COLLAR = 1100 LBS.
6' COLLAR = 1400 LBS.
8' COLLAR = 1800 LBS.



MANHOLE FRAME ADJUSTMENT DET.
Scale: 3/4" = 1'-0"

RECORD DRAWING
Date: JUL 31 1985
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CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT
ENGINEERING DIVISION

TITLE: ALBUQUERQUE INTERNATIONAL AIRPORT
SOUTH GENERAL AVIATION AREA IMPROVEMENTS-PART 4
TELEPHONE VAULT- MISCELLANEOUS DETAILS

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
CITY ENGINEER	8/1/85	10/1/85	Liquid Waste	VA 2/2/85	1/30/85
A.C.E. - Design	8/1/85	10/1/85	Traffic	NA 7/2/85	1/30/85
A.C.E. - Hydrology	8/1/85	10/1/85	Water	NA 2/2/85	1/30/85

DESIGNED BY: Richard Wengert CONSULTANT DATE: OCT 12, 81
DRAWN BY: Richard Wengert CONSULTANT DATE: OCT 12, 81
CHECKED BY:

DRAWING NO. MDD 2316 MAP NO. N-16 SHEET 7 OF 7