

FOREST HILLS SUBDIVISION
ALBUQUERQUE, NEW MEXICO

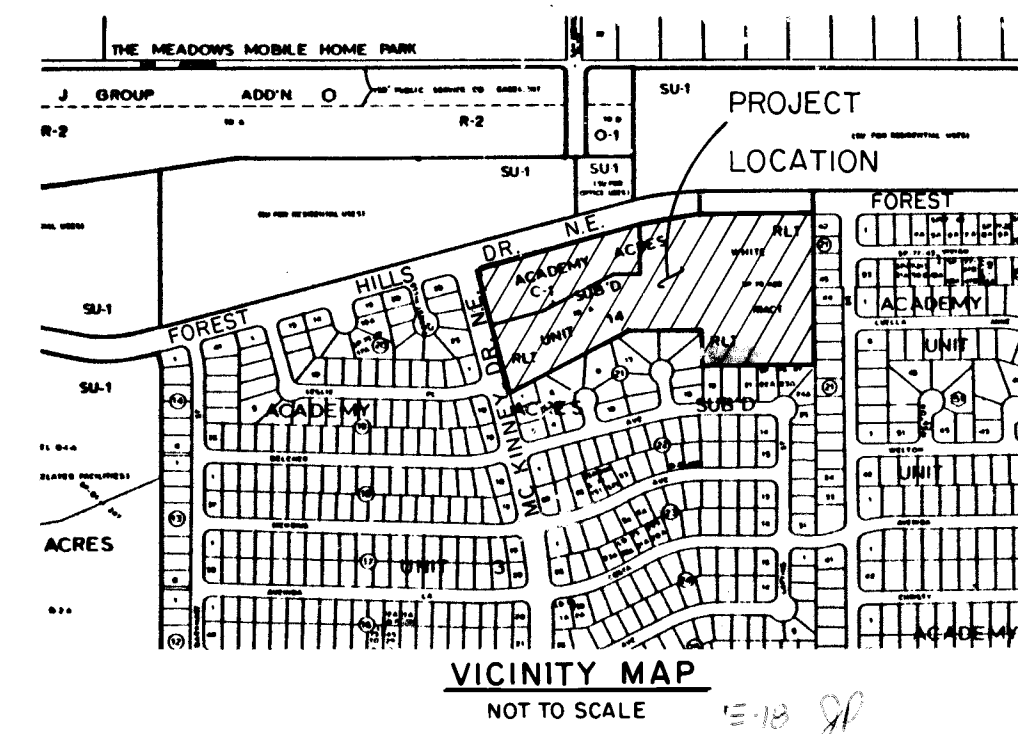
Table with 2 columns: SHEET NO. and DESCRIPTION. Rows include: 1 TITLE SHEET, 2 & 2A SUBDIVISION PLAT, 3 PROPOSED SANITARY & STORM SEWER DESIGN, 4 PROPOSED WATER DESIGN, 5 PROPOSED PAVING DESIGN, 6 GRADING PLAN, 7 PINE PARK DRIVE, 8 BLACK PINE PLACE, 9 WHITE PINE PLACE & STORM SEWER LINE A, 10 FOREST HILLS DRIVE N.E., 11 SAN PEDRO DRIVE N.E.

Stamp: ALBUQUERQUE, N.M. 9/27/85

Table with 12 columns and 1 row: 1 2 3 4 5 6 7 8 9 10 11 12. Values: 2 6 1 1 0 4 0 1 8 5

Table with 10 columns: REV, SHEETS, CITY ENGINEER, DATE, USER, DEPT., DATE, USER, DEPT., DATE. Row 1: APPROVAL OF REVISIONS

Approval section for BOHANNAN - HUSTON INC. Includes project number 1104 and sheet number 1 of 11.



GENERAL NOTES

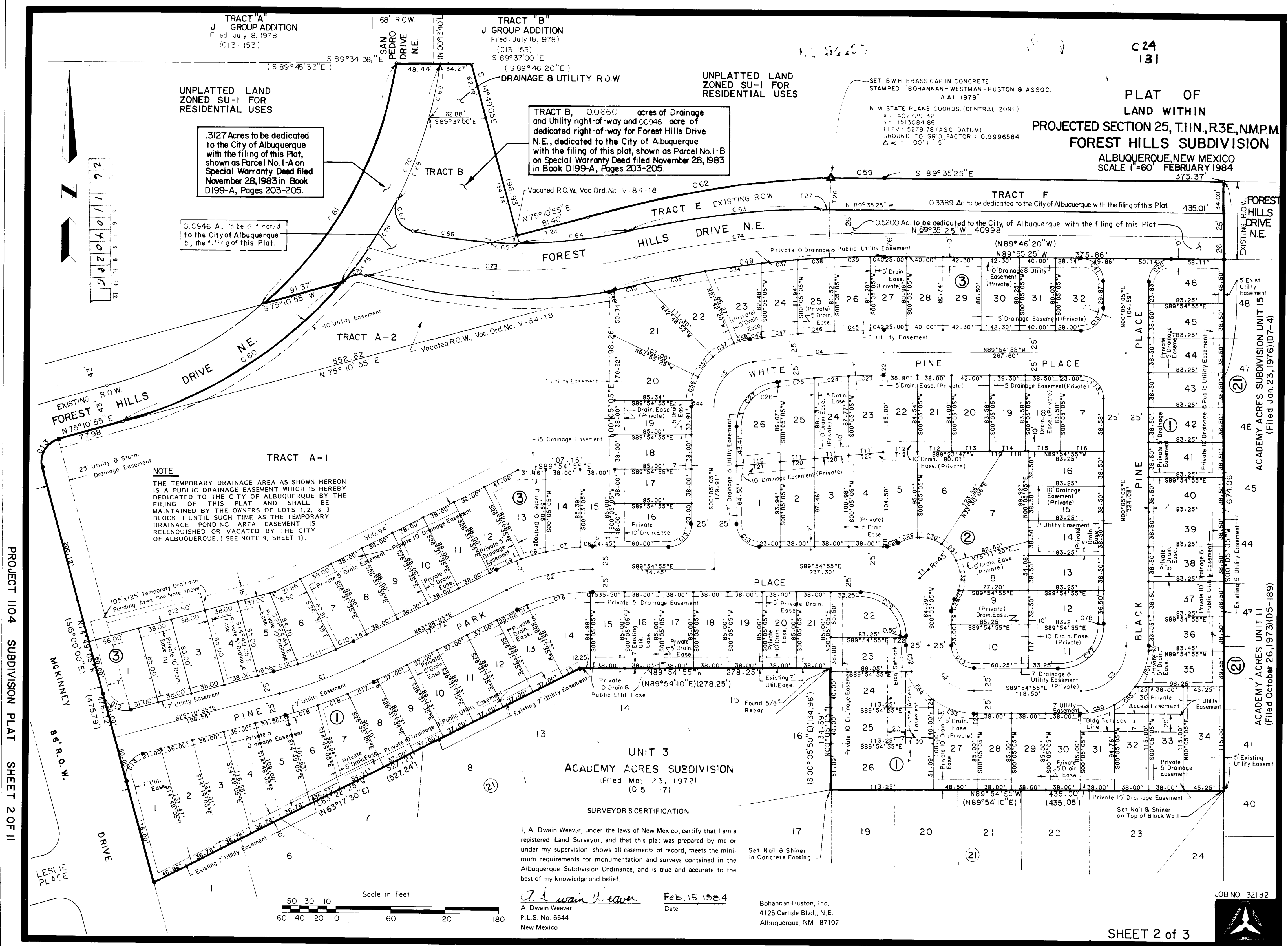
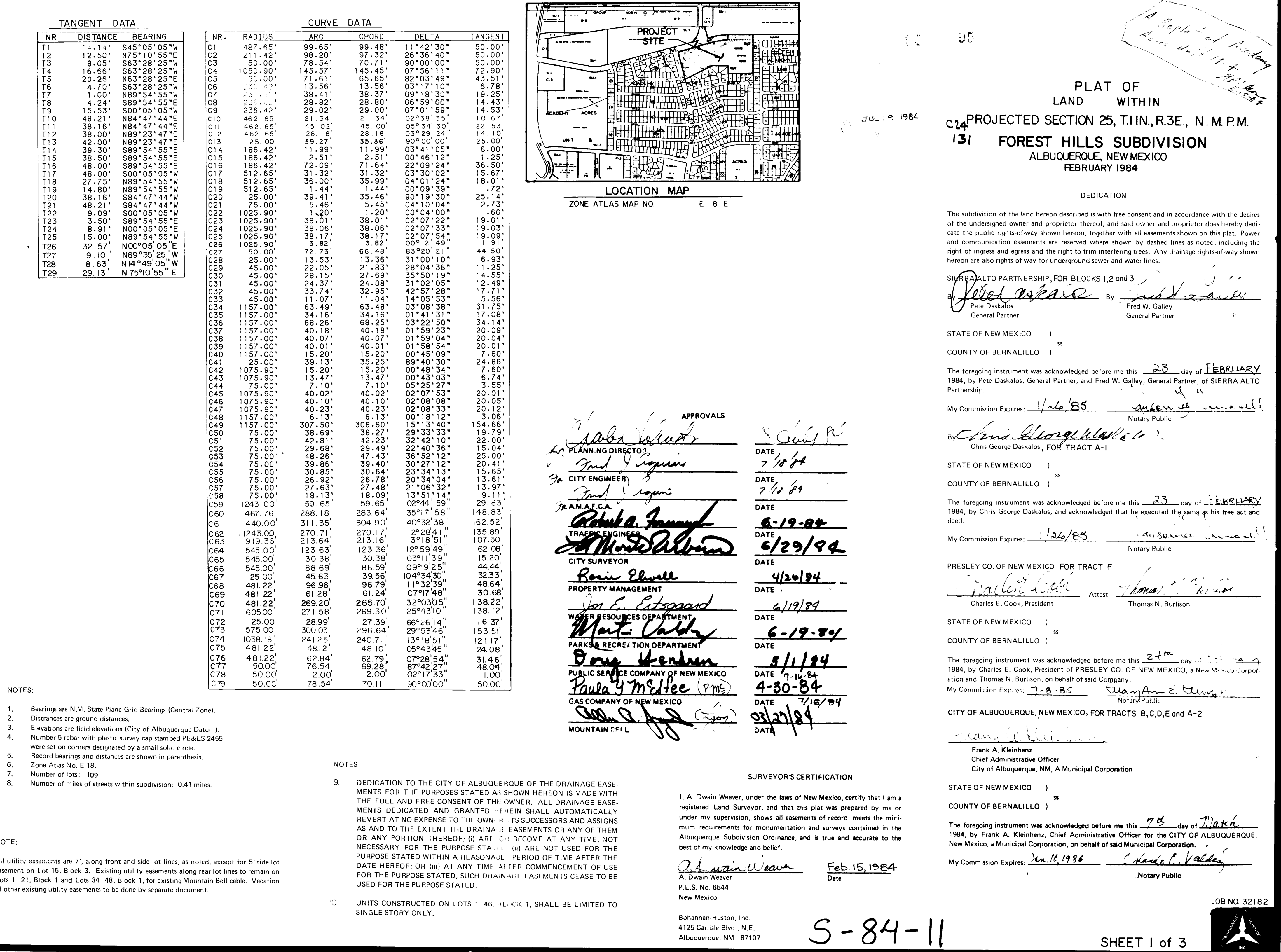
- NOTICE TO CONTRACTORS
1. NEW MEXICO STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION-1979 EDITION WILL BE REFERRED TO HEREON AS THE "STANDARD SPECIFICATION."
2. ALL WORK DETAILED ON THESE PLANS TO BE PERFORMED UNDER CONTRACT SHALL, EXCEPT AS OTHERWISE STATED OR PROVIDED FOR HEREON, BE CONSTRUCTED IN ACCORDANCE WITH "PUBLIC WORKS CONTRACT" AND THE NEW MEXICO STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1979 EDITION.
3. TWO WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT LINE LOCATING SERVICE, 765-1234, FOR LOCATION OF EXISTING UTILITIES.
4. 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 OR SURVEYOR SO THAT THE CONFLICT CAN BE RESOLVED WITH A MINIMUM AMOUNT OF DELAY.

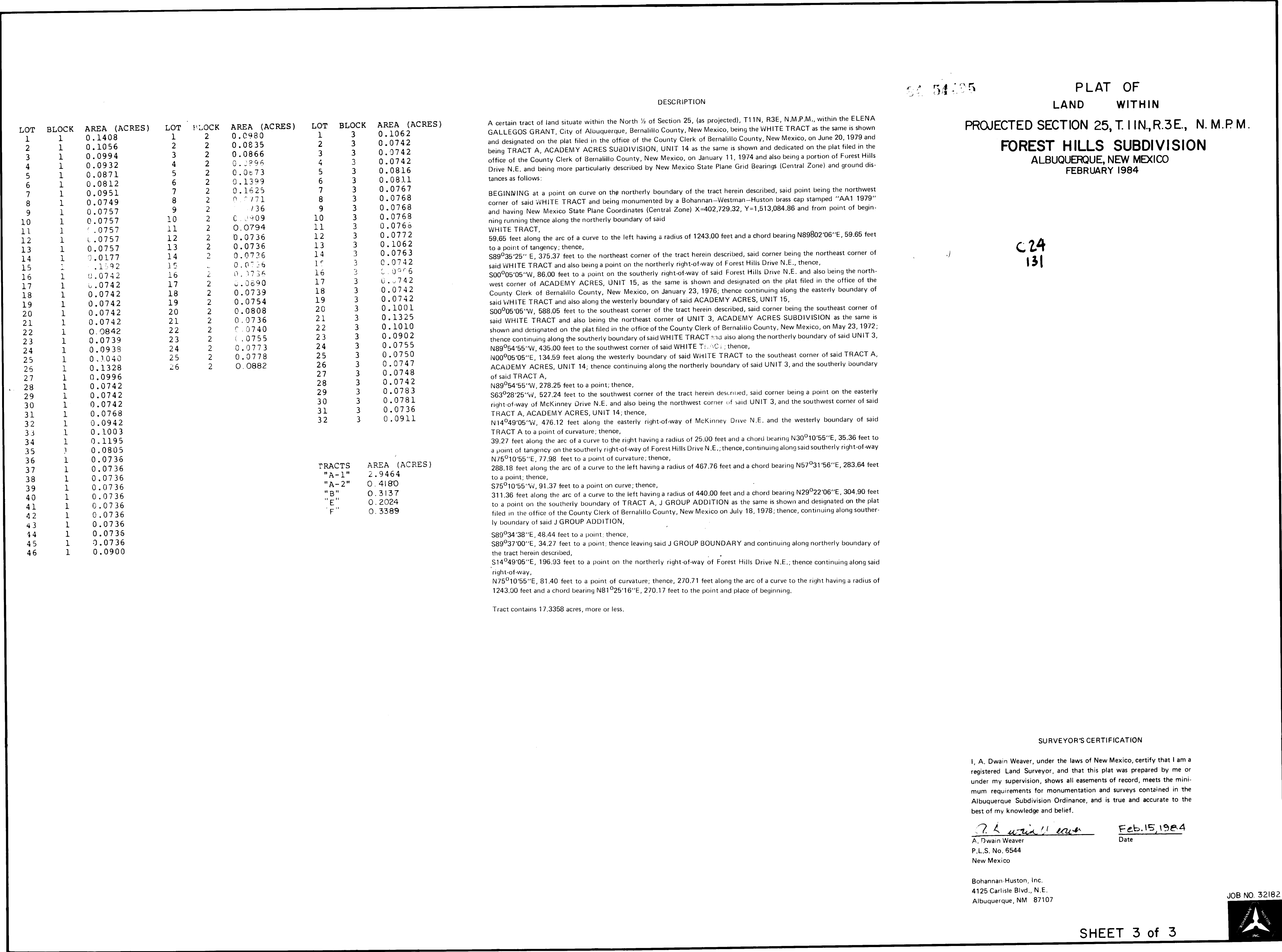
THE FOLLOWING NOTES ALSO APPLY WHEN CHECKED

- ALL UTILITIES AND UTILITY SERVICE LINES SHALL BE INSTALLED PRIOR TO PAVING.
BACKFILL COMPACTION SHALL BE ACCORDING TO SPECIFIED STREET USE.
TACK COAT REQUIREMENTS SHALL BE DETERMINED BY THE CITY ENGINEER.
SIDEWALKS AND WHEELCHAIR RAMPS WITHIN THE CURB RETURNS SHALL BE CONSTRUCTED WHEREVER A NEW CURB RETURN IS CONSTRUCTED.
IF CURB IS DEPRESSED FOR A DRIVEPAD, THE DRIVEPAD SHALL BE CONSTRUCTED PRIOR TO ACCEPTANCE OF CURB AND GUTTER.
ALL STORM DRAINAGE FACILITIES SHALL BE COMPLETED PRIOR TO FINAL ACCEPTANCE.
THE REQUESTOR OR DEVELOPER SHALL BE RESPONSIBLE FOR REPAIR OR REPLACEMENT OF ALL CURB AND GUTTER OR SIDEWALK DAMAGED AFTER APPROVAL BY THE CITY ENGINEER OF WORK COMPLETED BY THE CONTRACTOR.

RE-ENTRY APPROVALS

Table with 6 columns: APPROVALS, ENGINEER, DATE, APPROVALS, ENGINEER, DATE. Rows for City Engineer, A.C.E.-Design, A.C.E.-Hydrology.





RECORD DRAWING

The improvements shown on this drawing have been as-built in accordance with field surveys performed by Espey, Huston and Associates, Inc. and information provided by Construction Contracting and Management, Inc. (contractors) to reflect construction actually accomplished as of this date, to the best of my knowledge and belief.

Jim Keymon, Jr., P.E. 8105
Professional Engineer
4/10/85 7/1/85
Date

NOTE: IMPROVEMENTS IN SAN PEDRO
NOT INSTALLED AS OF
7-1-85

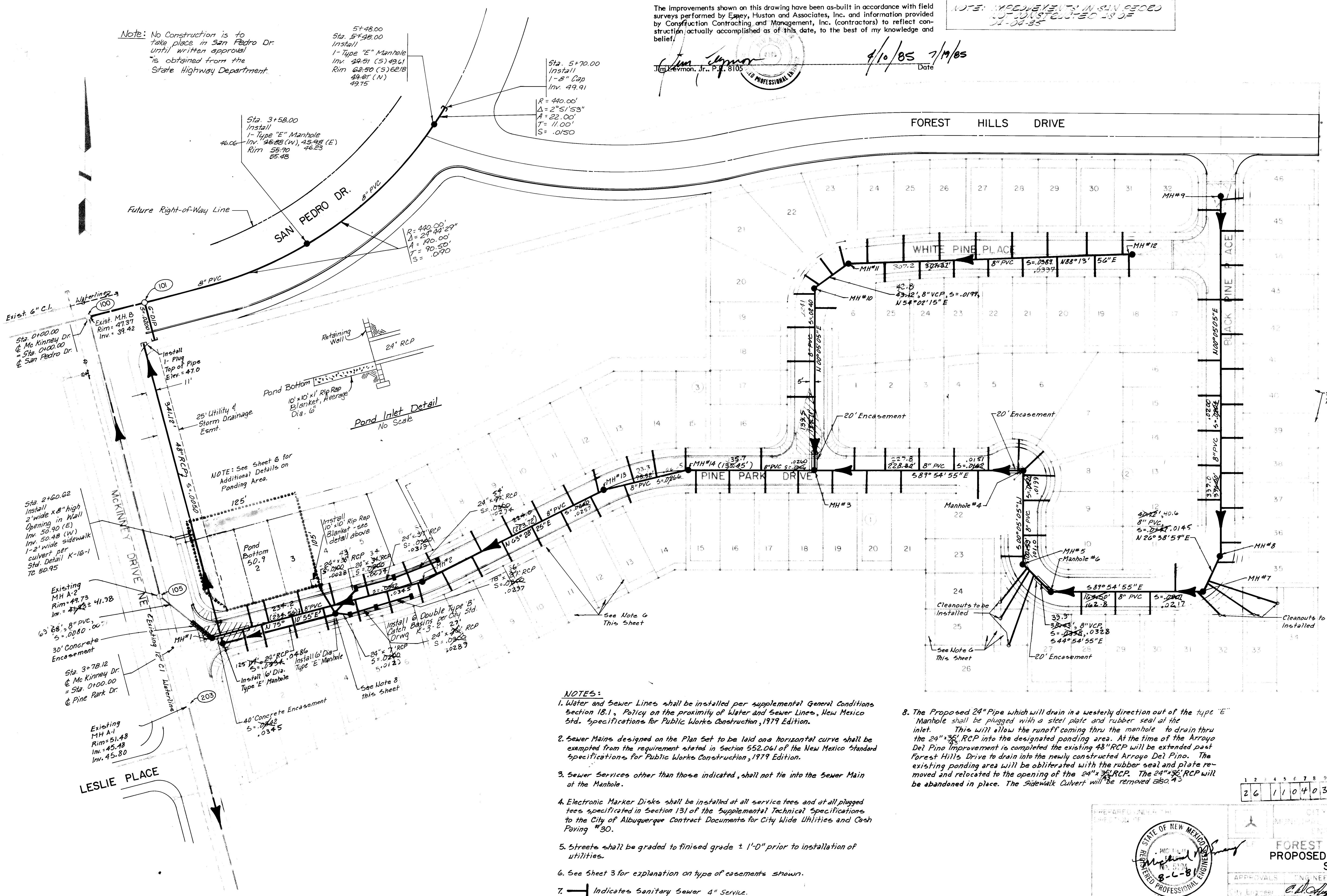
Note: No Construction is to take place in San Pedro Dr. until written approval is obtained from the State Highway Department.

Sta. 5+48.00
Sta. 5+48.00
Install
1-Type "E" Manhole
Inv. 49.51 (S) 49.61
Rim 48.50 (S) 48.18
49.87 (N)
49.75

Sta. 5+70.00
Install
1-8" Cap
Inv. 49.91
R=440.00'
Δ=2°S1°53'
A=22.00'
T=11.00'
S=.0750

Sta. 3+58.00
Install
1-Type "E" Manhole
Inv. 46.88 (W), 46.98 (E)
Rim 35.70 46.83
35.48

R=440.00'
Δ=2°S1°53'
A=22.00'
T=11.00'
S=.0750



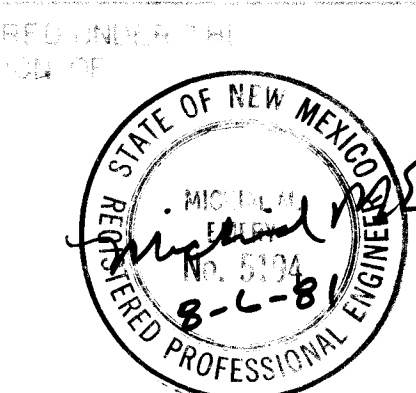
NOTE: See Sheet 6 for Additional Details on Ponding Area.

NOTES:

1. Water and Sewer Lines shall be installed per supplemental General Conditions Section 18.1, Policy on the proximity of Water and Sewer Lines, New Mexico Std. Specifications for Public Works Construction, 1979 Edition.
2. Sewer Mains designed on the Plan Set to be laid on a horizontal curve shall be exempted from the requirement stated in Section 552.061 of the New Mexico Standard Specifications for Public Works Construction, 1979 Edition.
3. Sewer Services other than those indicated, shall not tie into the Sewer Main at the Manhole.
4. Electronic Marker Disks shall be installed at all service tees and at all plugged tees specified in Section 131 of the Supplemental Technical Specifications to the City of Albuquerque Contract Documents for City Wide Utilities and Cash Paving #30.
5. Streets shall be graded to finished grade $\pm 1'-0"$ prior to installation of utilities.
6. See Sheet 3 for explanation on type of encasements shown.
7. — Indicates Sanitary Sewer 4" Service.

8. The Proposed 24" Pipe which will drain in a westerly direction out of the type "E" Manhole shall be plugged with a steel plate and rubber seal at the inlet. This will allow the runoff coming thru the manhole to drain thru the 24"x36" RCP into the designated ponding area. At the time of the Arroyo Del Pino Improvement is completed the existing 48" RCP will be extended past Forest Hills Drive to drain into the newly constructed Arroyo Del Pino. The existing ponding area will be obliterated with the rubber seal and plate removed and relocated to the opening of the 24"x36" RCP. The 24"x36" RCP will be abandoned in place. The Sidewalk Culvert will be removed also.

26 11040385



FOREST HILLS SUBDIVISION
PROPOSED SANITARY AND STORM
SEWER DESIGN

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	7/1/85		City Engineer	7/1/85	
City Engineer	7/1/85		City Engineer	7/1/85	
City Engineer	7/1/85		City Engineer	7/1/85	

APPROVED FOR
CONSTRUCTION
CITY ENGINEER DATE

BHI JOB NO 41470

SCALE
1" = 50'

DRAWING NO. 1104

SHEET 3 OF 11

RECORD DRAWING

The improvements shown on this drawing have been as-built in accordance with field surveys performed by Espey, Huston and Associates, Inc. and information provided by Construction Contracting and Management, Inc. (contractors) to reflect construction actually accomplished as of this date, to the best of my knowledge and belief.

Jim Leymon, Jr., P.E. #105

4/10/85 7/14/85
Date

NOTE: IMPROVEMENTS IN SAN PEDRO DR. NOT CONSTRUCTED AS OF 4-85.

NOTE: No construction is to take place in San Pedro Dr. until written approval is obtained from the State Highway Department.

Sta. 5+37.33
Install
1-12" x 12" x 8" Tee
1-12" Valve & Box
Blocking
EMD

Sta. 5+70.00
Install
1-12" Cap
1-2 1/2" Flushing Tap
Blocking
EMD

Sta. 0+29.00
Install
1-8" 11/4" Bend
Blocking

Sta. 0+56.18
Install
1-8" Valve & Box

Sta. 0+51.18
Install
1-8" x 8" x 6" Tee
1- Fire Hydrant
Flange Elev. 63.12
17" 6" PVC

Install
1-6" 22 1/2" Bend
1-6" 11/4" Bend
Blocking

Install
1-6" 22 1/2" Bend
1-6" 11/4" Bend
Blocking

Install
1-6" 22 1/2" Bend
1-6" 11/4" Bend
Blocking

Install
1-6" 22 1/2" Bend
1-6" 11/4" Bend
Blocking

Install
1-6" 22 1/2" Bend
1-6" 11/4" Bend
Blocking

Install
1-6" 22 1/2" Bend
1-6" 11/4" Bend
Blocking

Install
1-6" 22 1/2" Bend
1-6" 11/4" Bend
Blocking

Install
1-6" 22 1/2" Bend
1-6" 11/4" Bend
Blocking

Install
1-6" 22 1/2" Bend
1-6" 11/4" Bend
Blocking

Install
1-6" 22 1/2" Bend
1-6" 11/4" Bend
Blocking

Install
1-6" 22 1/2" Bend
1-6" 11/4" Bend
Blocking

NOTES:

- All Waterlines are to be located 10' north or 10' west of centerline, unless otherwise shown.
- All Fire Hydrants shown are located at property lines between lots.
- All Water Valves are to be located at curb returns, property lines between lots or at the PC of centerlines on the roadways.
- All Water Valve Box Covers shall be identified within the streets per "Special Order No. 18", from the City Engineers Office.
- Water and Sanitary Sewer Lines shall be installed per Supplemental General Conditions Section 18.1, policy on the proximity of water and sewer lines, New Mexico Standard Specifications for Public Works Construction, 1979 Edition.
- The top of water lines shall be a minimum of 3'-0" below the top of pavement.
- Streets shall be graded to finish grade $\pm 1'$ prior to installation of utilities.
- The Utility Contractor shall be responsible for constructing water services from water main to curb stop including curb box along with street and utility improvements. Installation of water service from curb to R shall be done by utility contractor when the meters are set.
- Electronic Disk Markers shall be installed at all valves, bends, caps, tees and service connections as specified in Section 131 of the Supplemental Technical Specifications to the City of Albuquerque Contract Documents for City Wide Utilities and Cash Paving No. 30.
- Indicates water meter locations. Meters shall be 3/4" double Meters wherever possible.

SCALE:
1" = 50'

BHI JOB NO. 41470

PREPARED UNDER THE DIRECTION OF
CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT
ENGINEERING DIVISION
FOREST HILLS SUBDIVISION
PROPOSED WATER DESIGN

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	<i>[Signature]</i>	7/14/85	City Engineer	<i>[Signature]</i>	7/14/85
A.C.E.-Design	<i>[Signature]</i>	6/16/85	A.C.E.-Design	<i>[Signature]</i>	7/14/85
A.C.E.-Hydrology	<i>[Signature]</i>	7/14/85	A.C.E.-Hydrology	<i>[Signature]</i>	7/14/85

AS-BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		REFERENCES		REVISIONS		DESIGN	
CONTRACTOR	CCM	BRASS CAP SET IN CONCRETE	STAMPED	MAP NO.	E-18	EST. NO.	W.O. NO.	NO.	DATE	DESIGNED BY	DATE
WORK STATED BY	ENR 4	"BOHANNAN WESTMAN HUSTON & ASSOC. AAL 1979"	EL. 5279.78 (ASC DATUM)							DRAWN BY	DATE
FIELD NOTES BY	ENR 4	SEE SHEET 3 FOR LOCATION OF BRASS CAP.								CHECKED BY	DATE
DATE	6-85										
DATE	7-85										
DATE	7-85										
DATE	7-85										

NOTES:

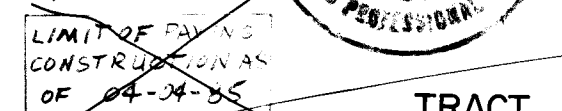
1. The new sidewalk construction on McKinney Dr. shall be built on the back of the east curb as shown. N.O. M.U. 8/11/84
2. The new sidewalk construction within the subdivision shall be built along the Property Line as shown.
3. All curb returns shall have a 25' radius at the face of the curb, unless otherwise shown.
4. Streets shall be graded to finish grade $\pm 1'-0"$ prior to installation of utilities.
5. Remove 32' of Standard Curb & Gutter on McKinney Drive.
6. The proposed pavement within the Forest Hills Subdivision shall be a residential paving section as per City Std. Drawing P-7-2.
7. No construction shall take place in Sun Pedro Dr. until written approval is obtained from the State Highway Department.
8. The crown in all streets shall be midway between the gutters.

RECORD DRAWING

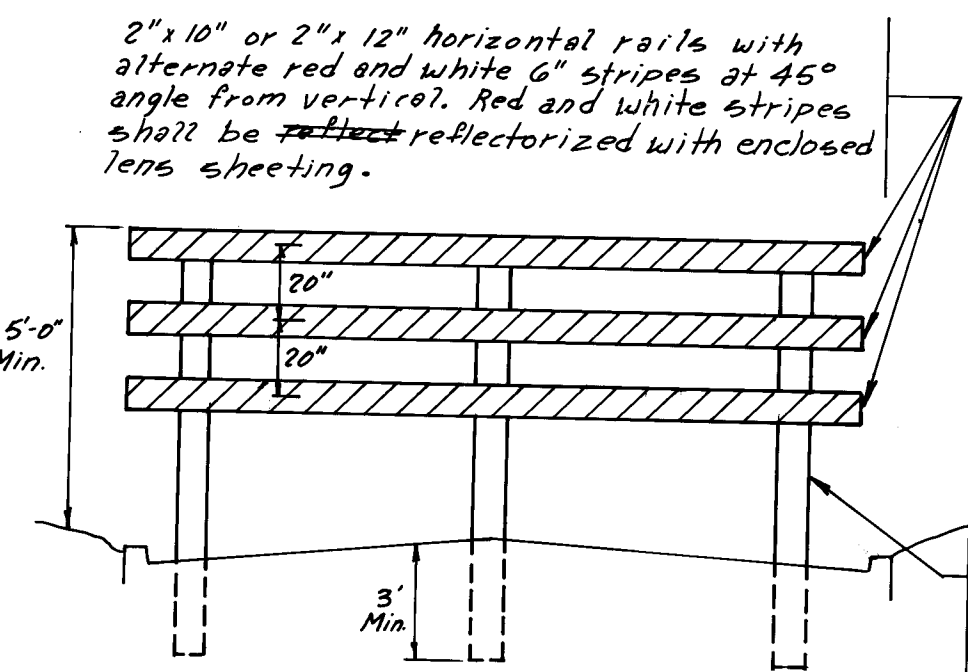
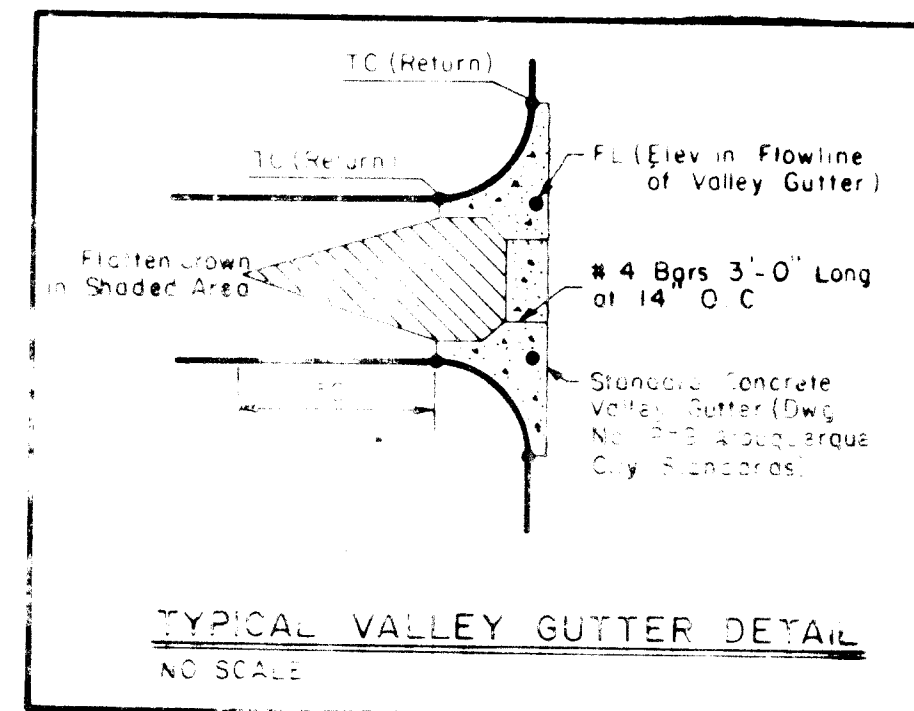
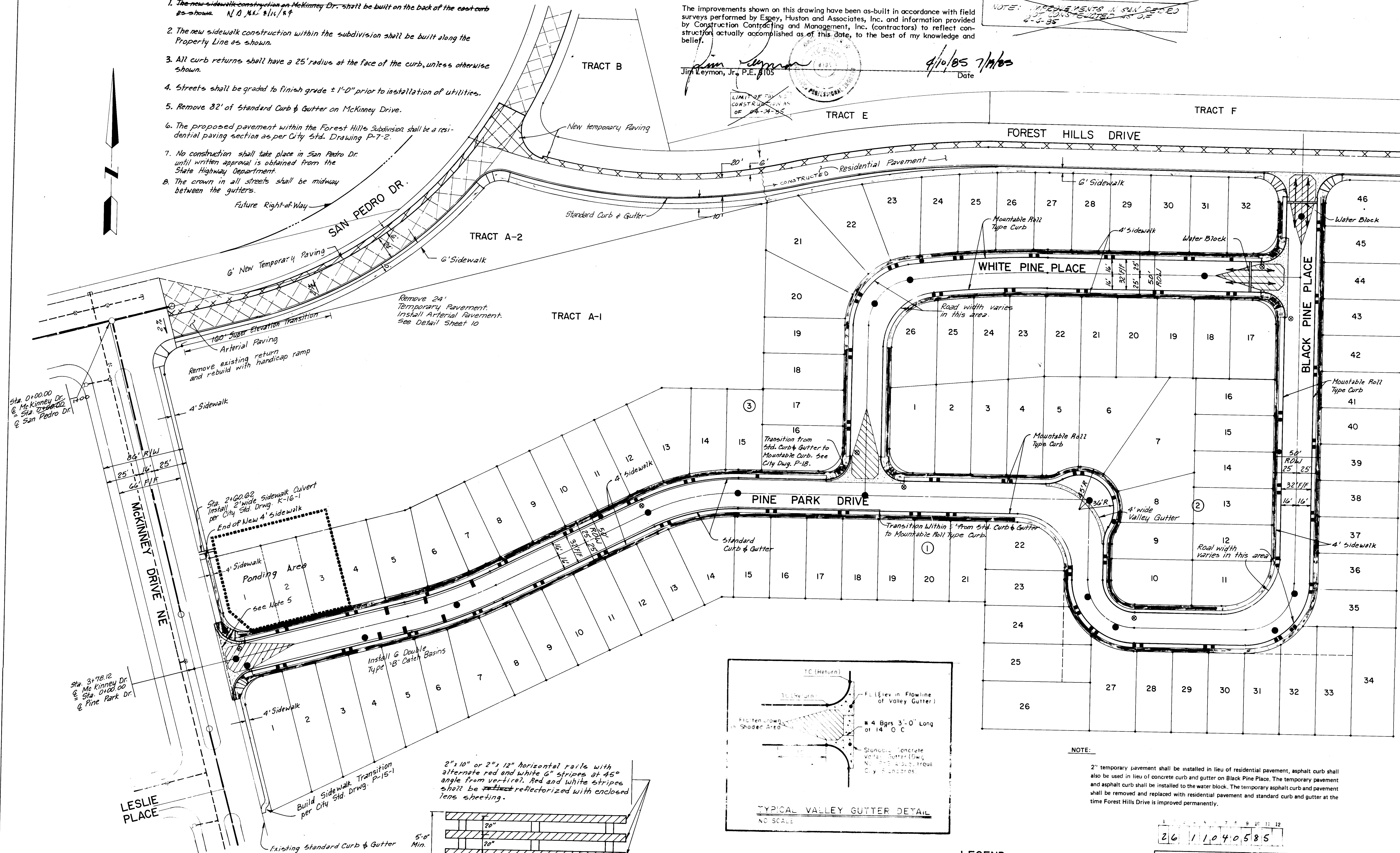
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Jim Leymon, Jr., P.E. 8105

4/10/85 7/1/85
Date



NOTE: IMPROVEMENTS AS SHOWN
2-3-85



Vertical Posts shall be a maximum of 12' o.c. They shall be 4"x4" (nominal) or larger. Buried portion of posts shall be treated with Creosote Oil or approved equal to lessen deterioration.

NOTE:

2" temporary pavement shall be installed in lieu of residential pavement, asphalt curb shall also be used in lieu of concrete curb and gutter on Black Pine Place. The temporary pavement and asphalt curb shall be installed to the water block. The temporary asphalt curb and pavement shall be removed and replaced with residential pavement and standard curb and gutter at the time Forest Hills Drive is improved permanently.

LEGEND

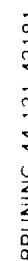
- Manhole Adjustment
- Water Valve Adjustment
- Fire Hydrants
- ▬ Proposed Sidewalk
- ▨ Temporary Paving
- ▬ Water Block

SCALE:
1" = 50'

26 1040585

PREPARED UNDER THE DIRECTION OF		CITY OF ALBUQUERQUE MUNICIPAL DEVELOPMENT DEPARTMENT ENGINEERING DIVISION	
APPROVED FOR CONSTRUCTION CITY ENGINEER		DATE	
DESIGNED BY DW		DATE 6-84	
DRAWN BY UK		DATE 6-84	
CHECKED BY BGG		DATE 6-84	
TITLED FOREST HILLS SUBDIVISION PROPOSED PAVING DESIGN		APPROVALS	
ENGINEER		DATE	
A.C.E.-Design		A.C.E.-Hydrology	
A.C.E.-Traffic		A.C.E.-Water	
DRAWING NO. 1104		SHEET 5 OF 11	

BENCH MARKS		AS-BUILT INFORMATION	
BRASS CAP SET IN CONCRETE	STAMPED	CONTRACTOR	CCM
"BOHANNAN WESTMAN HUSTON & ASSOC.		WORK STARTED BY	CH/A
AAI 1979" EL. 5279.78 (ASC. DATUM)		DATE	2-85
SEE SHEET 3 FOR LOCATION OF BRASS CAP		APPROVED BY	CH/A
		DATE	2-85
		CORRECTED BY	CH/A
		DATE	2-85
		RECORDED BY	NO
		DATE	

[illegible]

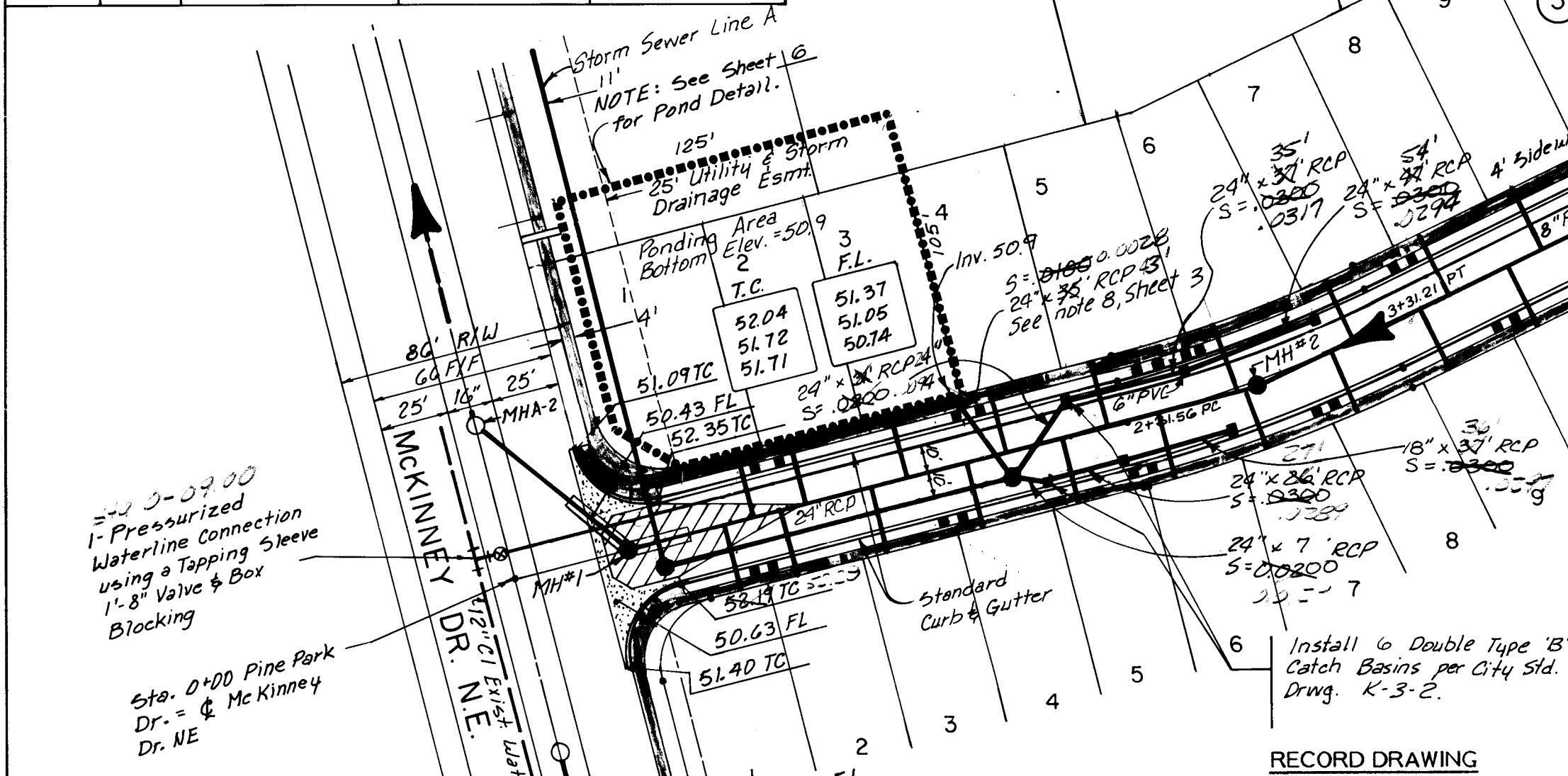
PLAN

DATE	BY

NOTES

NO.	DATE	DESCRIPTION
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Bik.	Lot	Sta.	Length	Reg'd.	Inv. Elev. @ P.L.	Bik.	Lot	Sta.	Length	Reg'd.	Inv. Elev. @ P.L.
3	1	0+91.00	25'		46.63	2	1	7+91.57	25'		66.99
3	2	1+18.00			47.83	2	2	8+24.57			67.52
3	3	1+48.00			48.88	2	3	9+00.57			68.14
3	4	1+85.00			49.84	2	4	9+00.57			68.14
3	5	2+29.00			51.15	2	5	9+38.57			69.37
3	6	2+74.00			52.75	2	6	9+73.57			70.10
3	7	3+18.00			54.00	2	7	10+11.95			70.50
3	8	3+57.88			56.42	2	8	10+50.46			71.19
3	9	3+95.88			58.05	2	9	11+20.57			71.50
3	10	4+33.88			59.85	2	10				
3	11	4+71.88			61.70						
3	12	5+09.88			63.60						
3	13	5+47.88			65.55						
3	14	5+85.88			67.55						
3	15	6+23.88			69.60						
3	16	6+61.88			71.70						



Stn. 4+00.8
1- Fire Hydrant
8" PVC
1- 6" x 6" Tee
Blocking
Flange Elev. = 65.60

Bik.	Lot	Sta.	Length	Reg'd.	Inv. Elev. @ P.L.
1	1	0+91.00	25'		46.63
1	2	1+18.00			47.83
1	3	1+48.00			48.88
1	4	1+85.00			49.84
1	5	2+29.00			51.15
1	6	2+74.00			52.75
1	7	3+18.00			54.00
1	8	3+57.88			56.42
1	9	3+95.88			58.05
1	10	4+33.88			59.85
1	11	4+71.88			61.70
1	12	5+09.88			63.60
1	13	5+47.88			65.55
1	14	5+85.88			67.55
1	15	6+23.88			69.60
1	16	6+61.88			71.70

Bik.	Lot	Sta.	Length	Reg'd.	Inv. Elev. @ P.L.
1	26	10+10.99	25'		64.45
1	27	11+11.66	25'		65.37
1	28	11+55.50	25'		66.38
1	29	11+93.50	25'		67.44
1	30	12+31.50	25'		68.61
1	31	12+69.50	25'		69.87
1	32	12+91.53	25'		71.20
1	33	12+94.53	25'		72.61
1	34	12+99.78	25'		74.00

RECORD DRAWING

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4/10/85 7/19/85

Jim Leyman, Jr., P.E. 8105

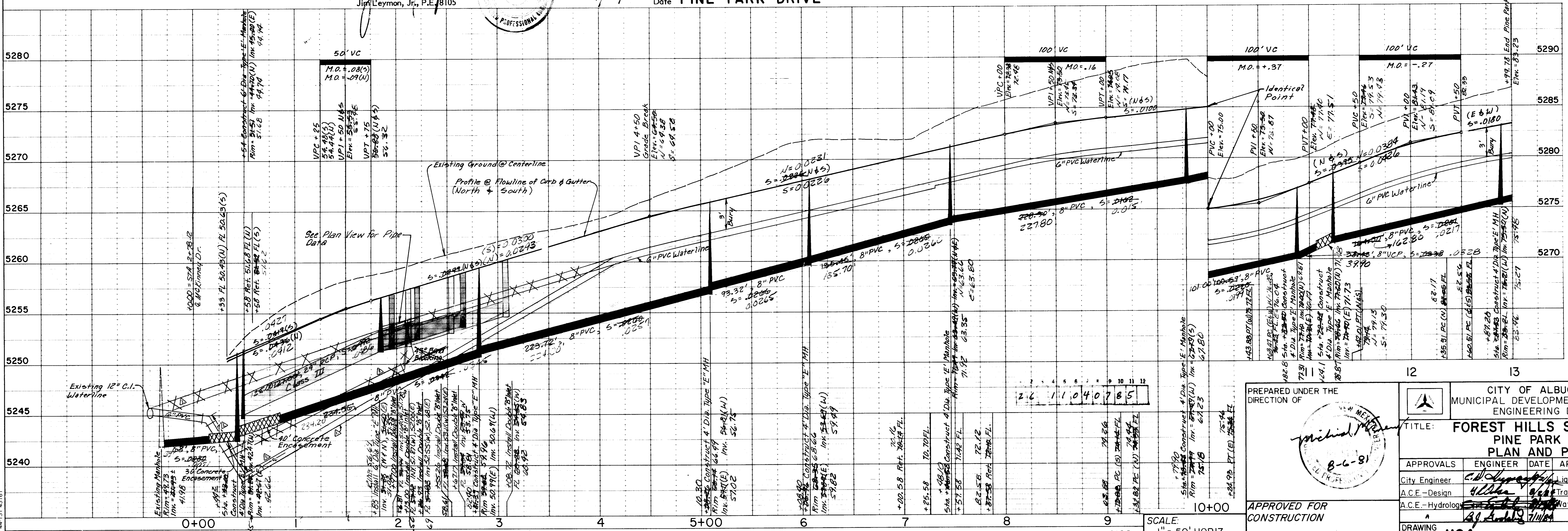
PINE PARK DRIVE

PROFILE

DATE	BY

NOTES

NO.	DATE	DESCRIPTION
1		
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15		
16		



PREPARED UNDER THE DIRECTION OF

CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT
ENGINEERING DIVISION

TITLE: FOREST HILLS SUBDIVISION
PINE PARK DRIVE
PLAN AND PROFILE

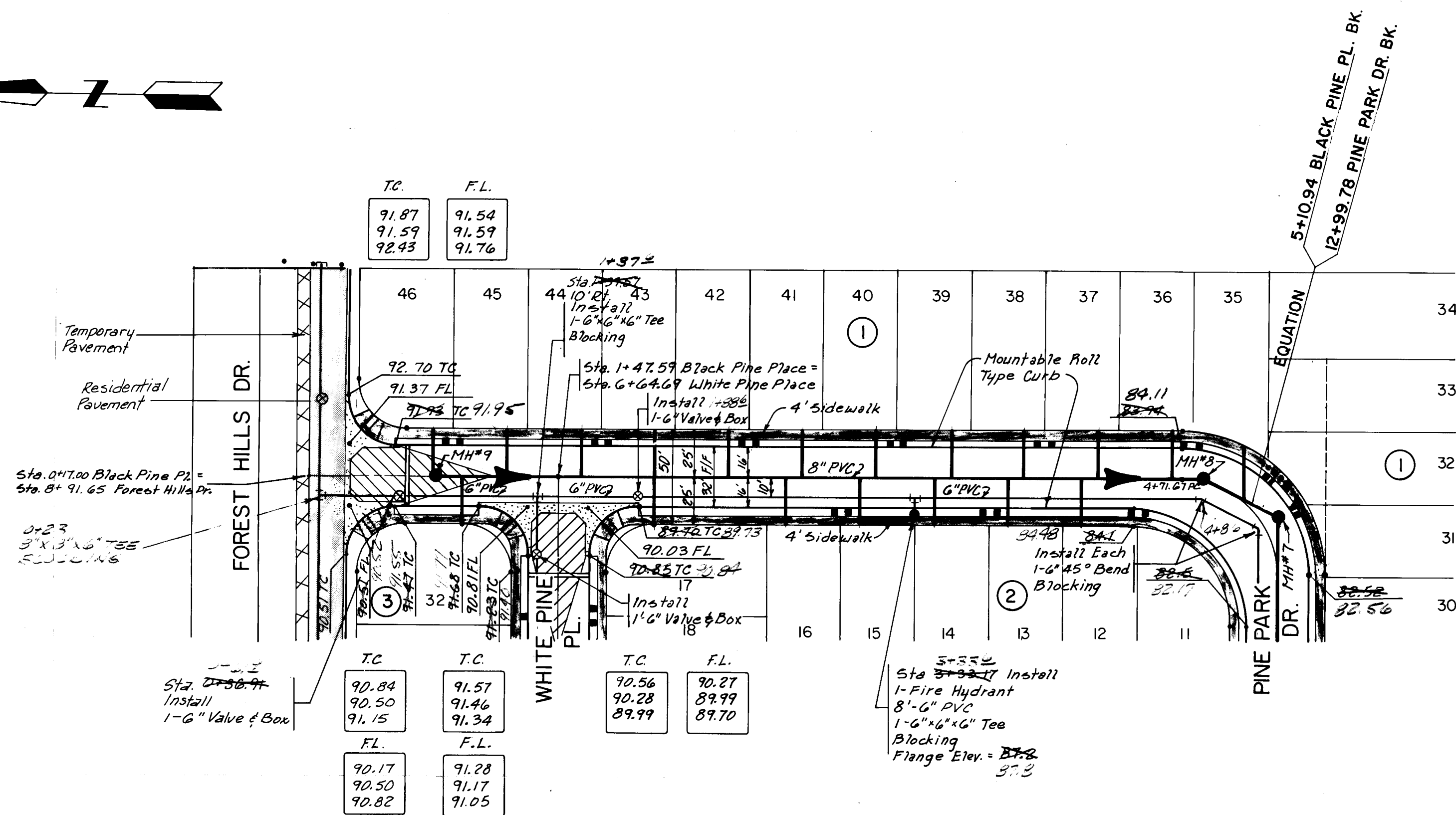
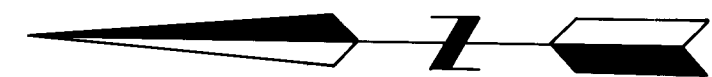
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	C. J. [Signature]	7/1/85	City Engineer	C. J. [Signature]	7/1/85
A.C.E. - Design	[Signature]	7/1/85	A.C.E. - Design	[Signature]	7/1/85
A.C.E. - Hydrology	[Signature]	7/1/85	A.C.E. - Hydrology	[Signature]	7/1/85

DRAWING NO. 1104

SHEET 7 OF 11

PLAN	DATE	BY
SURVEYED		
NOTED		
GRADES CHECKED		
RT. OF WAY CHECKED		
NO.		

PROFILE	DATE	BY
SURVEYED		
NOTED		
GRADES CHECKED		
STRUCTURE NOTATIONS CHK'D		
NO.		



SEWER SERVICE LOCATIONS				
Blk.	Lot	Sta. Street	Length Req'd.	Inv. Elev. @ PL.
1	46	0+81.54	23' 56"	86.72 37.3
	45	1+20.62	28' 56"	86.72 36.3
	44	1+59.12	26'	85.34 35.2
	43	1+97.62	26'	84.55 35.1
	42	2+36.12	26'	83.77 34.1
	41	2+74.62	26'	82.98 33.5
	40	3+13.12	26'	82.20 32.6
	39	3+51.62	26'	81.41 31.6
	38	3+90.12	26'	80.63 30.8
	37	4+28.62	26'	79.84 30.1
	36	4+65.00	31'	79.10 29.0
	35	5+00.94	26' 32"	78.00 28.2
3	32	0+99.00	28' 26"	86.57 36.8
2	17	1+97.59	28' 26"	84.65 35.1
	16	2+66.17	26'	83.16 33.5
	15	3+04.67	26'	82.37 32.7
	14	3+43.17	26'	81.58 31.6
	13	3+81.67	26'	80.80 31.1
2	12	4+20.17	28' 26"	80.01 30.3

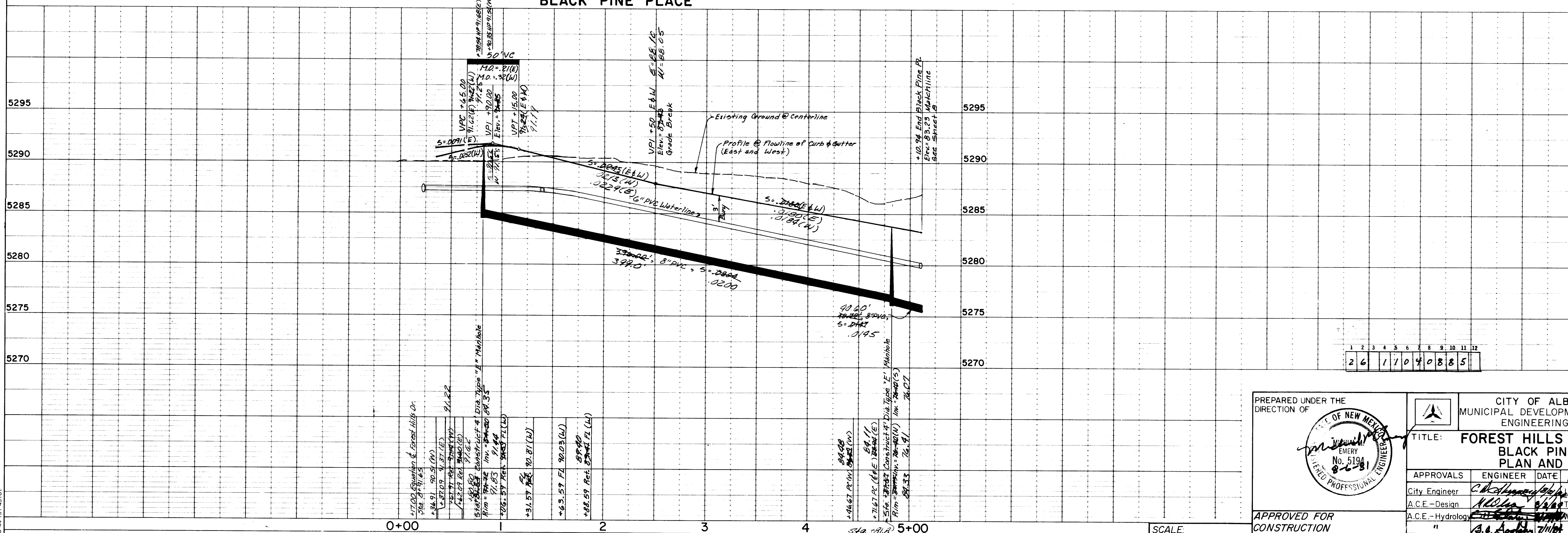
RECORD DRAWING

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Jim Leyman, Jr.
Jim Leyman, Jr., P.E. 8105

4/10/85
Date

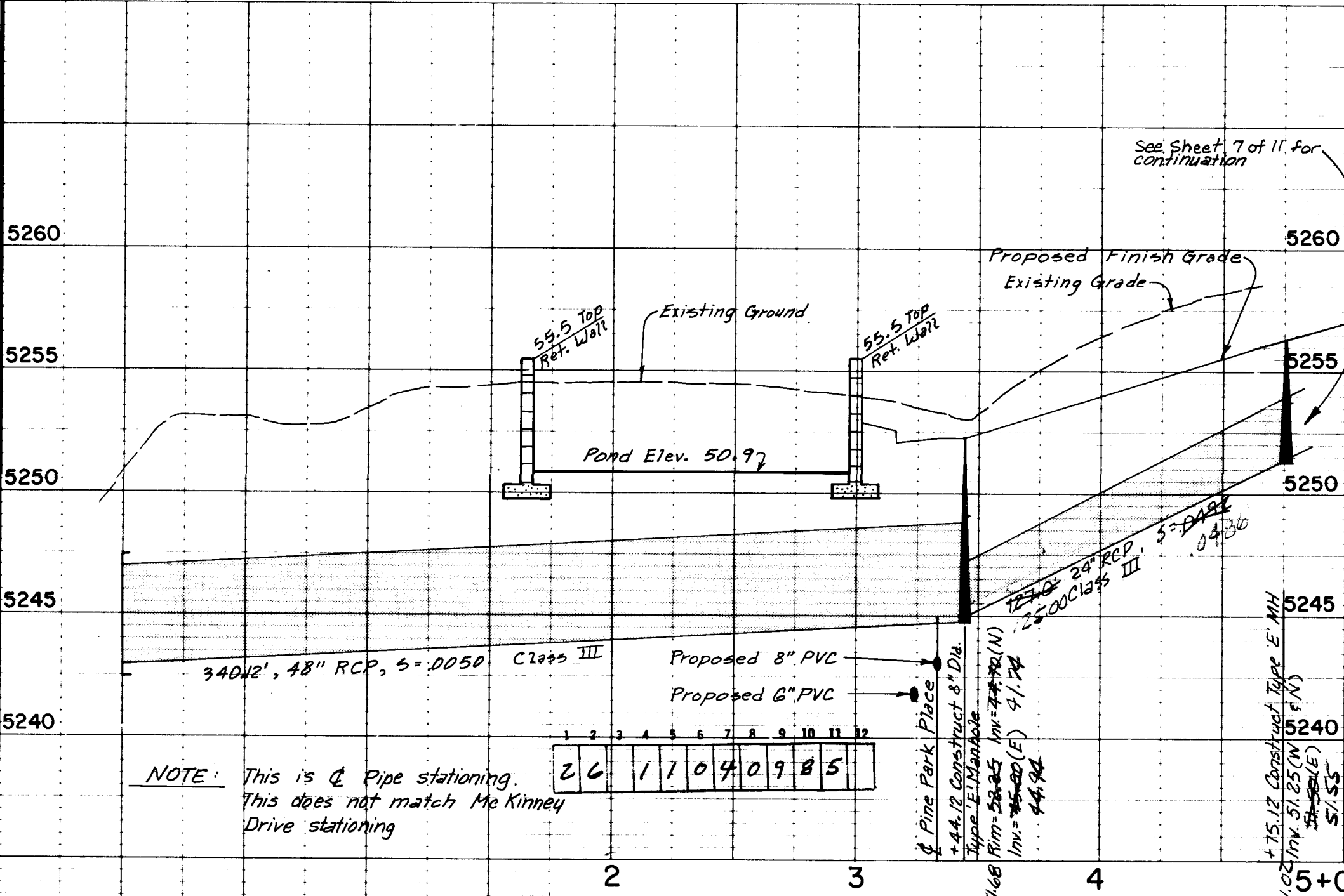
BLACK PINE PLACE



PREPARED UNDER THE DIRECTION OF 		CITY OF ALBUQUERQUE MUNICIPAL DEVELOPMENT DEPARTMENT ENGINEERING DIVISION	
TITLE: FOREST HILLS SUBDIVISION BLACK PINE PLACE PLAN AND PROFILE			
APPROVALS	ENGINEER	DATE	APPROVALS
City Engineer	<i>C. Bruning</i>	7/1/84	Engineer
A.C.E. - Design	<i>A.C.E.</i>	7/1/84	Engineer
A.C.E. - Hydrology	<i>A.C.E.</i>	7/1/84	Engineer
DRAWING NO. 1104		SHEET 8 OF 11	

PROFILE		BY	DATE
SURVEYED			
PLOTTED			
GRADES CHECKED			
B. M.'s NOTED			
STRUCTURE NOTATIONS CHECKED			

Jim Layman 4/10/85



REFERENCES				SURVEY INFORMATION				BENCH MARKS				AS-BUILT INFORMATION			
				MAP NO.	E-18							CONTRACTOR	C.C.M.A.		
				EST. NO.		W.O. NO.				NO.	BY	DATE		MAILED & STAMPED BY	EH2A
														INSPECTOR'S FIELD EXAMINE BY	DATE
														FIELD VERIFICATION BY	DATE
														CORRECTED BY	DATE
														MICRO-FILM INFORMATION	
														RECORDED BY	DATE
														NO.	
		</													

PREPARED UNDER THE DIRECTION OF	CITY OF ALBUQUERQUE MUNICIPAL DEVELOPMENT DEPARTMENT ENGINEERING DIVISION	
	TITLE: FOREST HILLS SUBDIVISION WHITE PINE PLACE PLAN & PROFILE AND STORM SEWER LINE A	
APPROVED FOR CONSTRUCTION		
CITY ENGINEER	DATE	SHEET 9 OF 11

PLAN	DATE	BY	CHECKED

PROFILE	DATE	BY	CHECKED

