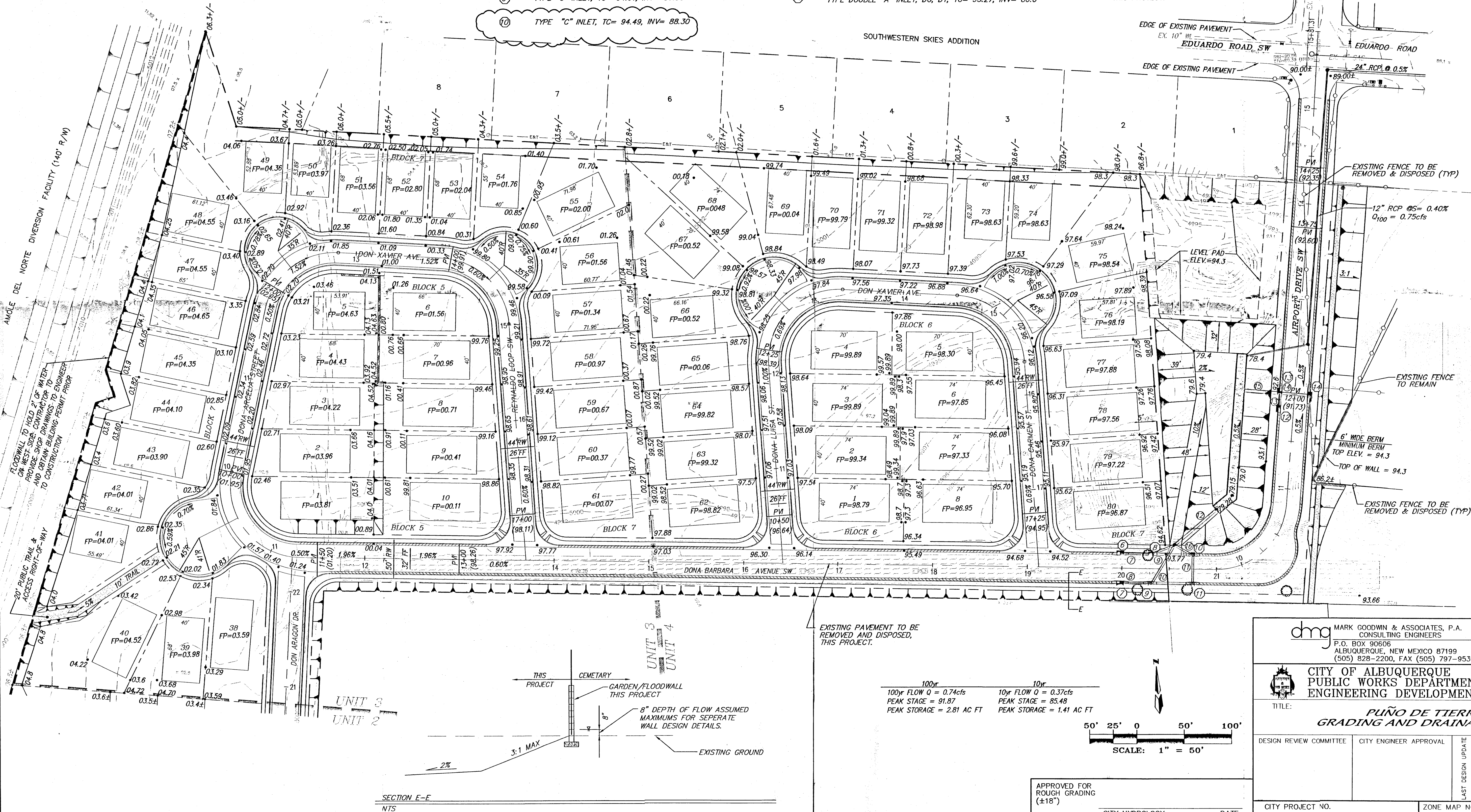




VICINITY MAP ZONE MAP: M-10



LEGEND

- 7 27.05 LF. 18" RCP @ S=1.0%
Q_{max} = 7.10cfs Qcapacity = 10.5cfs
V_{max} = 4.0fps
- 8 27.05 LF. 18" RCP @ S=1.0%
Q_{max} = 7.10cfs Qcapacity = 10.5cfs
V_{max} = 4.0fps
- 9 22.87 LF. 24" RCP @ S=1.0%
Q_{max} = 13.05cfs Qcapacity = 22.6cfs
V_{max} = 4.0fps
- 10 44.34 LF. 24" RCP @ S=1.0%
Q_{max} = 13.05cfs Qcapacity = 22.6cfs
V_{max} = 4.0fps
- 11 27.00 LF. 24" RCP @ S=1.0%
Q_{max} = 17.10cfs Qcapacity = 22.6cfs
V_{max} = 5.4fps
- 12 27.00 LF. 24" RCP @ S=1.0%
Q_{max} = 17.10cfs Qcapacity = 22.6cfs
V_{max} = 5.4fps
- 13 12 LF. 24" RCP @ S=1.0%
Q_{max} = 19.56cfs Qcapacity = 22.6cfs
V_{max} = 6.2fps
- 14 28 LF. 30" RCP @ S=1.0%
Q_{max} = 39.12cfs Qcapacity = 41.0cfs
V_{max} = 8.0fps
- 15 36.5 LF. 36" RCP @ S=1.0%
Q_{max} = 58.68cfs Qcapacity = 66.7cfs
V_{max} = 8.3fps
- 16 12.44 LF. 24" RCP @ S=1.0%
Q_{max} = 17.10cfs Qcapacity = 22.6cfs
V_{max} = 5.4fps
- 17 TYPE "A" INLET, TC = 94.49, INV = 89.10
- 18 TYPE "A" INLET, TC = 94.72, INV = 90.00
- 19 TYPE "C" INLET, TC = 94.61, INV = 89.30
- 20 TYPE "C" INLET, TC = 94.61, INV = 89.30
- 21 TYPE "C" INLET, TC = 94.49, INV = 88.30
- 22 TYPE "A" INLET, TC = 94.49, INV = 89.10
- 23 TYPE "A" INLET, TC = 94.72, INV = 90.00
- 24 TYPE "C" INLET, TC = 94.61, INV = 89.30
- 25 TYPE "C" INLET, TC = 94.61, INV = 89.30
- 26 TYPE "C" INLET, TC = 94.49, INV = 88.30
- 27 TYPE "A" INLET, TC = 94.49, INV = 89.10
- 28 TYPE "A" INLET, TC = 94.72, INV = 90.00
- 29 TYPE "C" INLET, TC = 94.61, INV = 89.30
- 30 TYPE "C" INLET, TC = 94.61, INV = 89.30
- 31 TYPE "C" INLET, TC = 94.49, INV = 88.30
- 32 TYPE "A" INLET, TC = 94.49, INV = 89.10
- 33 TYPE "A" INLET, TC = 94.72, INV = 90.00
- 34 TYPE "C" INLET, TC = 94.61, INV = 89.30
- 35 TYPE "C" INLET, TC = 94.61, INV = 89.30
- 36 TYPE "C" INLET, TC = 94.49, INV = 88.30
- 37 TYPE "A" INLET, TC = 94.49, INV = 89.10
- 38 TYPE "A" INLET, TC = 94.72, INV = 90.00
- 39 TYPE "C" INLET, TC = 94.61, INV = 89.30
- 40 TYPE "C" INLET, TC = 94.61, INV = 89.30
- 41 TYPE "C" INLET, TC = 94.49, INV = 88.30
- 42 TYPE "A" INLET, TC = 94.49, INV = 89.10
- 43 TYPE "A" INLET, TC = 94.72, INV = 90.00
- 44 TYPE "C" INLET, TC = 94.61, INV = 89.30
- 45 TYPE "C" INLET, TC = 94.61, INV = 89.30
- 46 TYPE "C" INLET, TC = 94.49, INV = 88.30
- 47 TYPE "A" INLET, TC = 94.49, INV = 89.10
- 48 TYPE "A" INLET, TC = 94.72, INV = 90.00
- 49 TYPE "C" INLET, TC = 94.61, INV = 89.30
- 50 TYPE "C" INLET, TC = 94.61, INV = 89.30
- 51 TYPE "C" INLET, TC = 94.49, INV = 88.30
- 52 TYPE "A" INLET, TC = 94.49, INV = 89.10
- 53 TYPE "A" INLET, TC = 94.72, INV = 90.00
- 54 TYPE "C" INLET, TC = 94.61, INV = 89.30
- 55 TYPE "C" INLET, TC = 94.61, INV = 89.30
- 56 TYPE "C" INLET, TC = 94.49, INV = 88.30
- 57 TYPE "A" INLET, TC = 94.49, INV = 89.10
- 58 TYPE "A" INLET, TC = 94.72, INV = 90.00
- 59 TYPE "C" INLET, TC = 94.61, INV = 89.30
- 60 TYPE "C" INLET, TC = 94.61, INV = 89.30
- 61 TYPE "C" INLET, TC = 94.49, INV = 88.30
- 62 TYPE "A" INLET, TC = 94.49, INV = 89.10
- 63 TYPE "A" INLET, TC = 94.72, INV = 90.00
- 64 TYPE "C" INLET, TC = 94.61, INV = 89.30
- 65 TYPE "C" INLET, TC = 94.61, INV = 89.30
- 66 TYPE "C" INLET, TC = 94.49, INV = 88.30
- 67 TYPE "A" INLET, TC = 94.49, INV = 89.10
- 68 TYPE "A" INLET, TC = 94.72, INV = 90.00
- 69 TYPE "C" INLET, TC = 94.61, INV = 89.30
- 70 TYPE "C" INLET, TC = 94.61, INV = 89.30
- 71 TYPE "C" INLET, TC = 94.49, INV = 88.30
- 72 TYPE "A" INLET, TC = 94.49, INV = 89.10
- 73 TYPE "A" INLET, TC = 94.72, INV = 90.00
- 74 TYPE "C" INLET, TC = 94.61, INV = 89.30
- 75 TYPE "C" INLET, TC = 94.61, INV = 89.30
- 76 TYPE "C" INLET, TC = 94.49, INV = 88.30
- 77 TYPE "A" INLET, TC = 94.49, INV = 89.10
- 78 TYPE "A" INLET, TC = 94.72, INV = 90.00
- 79 TYPE "C" INLET, TC = 94.61, INV = 89.30
- 80 TYPE "C" INLET, TC = 94.61, INV = 89.30

- ARTERIAL PAVEMENT
- TEMPORARY PAVEMENT
- EXISTING PAVEMENT
- NEW SIDEWALK CONSTRUCTED THIS PROJECT
- DEFERRED SIDEWALKS
- NEW RETAINING WALLS OVER 18"
- EXISTING PAVEMENT TO BE REMOVED AND DISPOSED, THIS PROJECT.
- MOUNTABLE CURB & GUTTER
- STANDARD 8" CURB & GUTTER
- UNIT BOUNDARY LINE
- NEW STORM DRAIN LINE
- TRACT/LOT BOUNDARY
- RIGHT OF WAY
- EASEMENTS
- PROPERTY LINE
- HANDICAP RAMPS PER COA DWG #2418 THIS PROJECT.
- EXISTING OVERHEAD ELECTRIC LINE
- EXISTING OVERHEAD TELEPHONE LINE
- EXISTING POWER POLE
- EXISTING STORM SEWER MANHOLE

AS BUILT INFORMATION			
CONTRACTOR	DATE	DATE	DATE
STATION 11+11" IS LOCATED 1.7 MILES SW OF DOWNTOWN TO REACH THE SOUTH ON CORRS BLVD. 3.3 MILES TO THE STATION ON THE EAST SIDE OF THE MEDIAN. THE STATION IS LOCATED 375' SOUTH OF CENTERLINE OF CORRS BLVD. THE STATION IS AN ACS 3 1/4" ALUMINUM CAP SET FLUSH IN THE TOP OF CURB AND IS STAMPED "11-L11, 1999" X=363.0323, Y=1477.6076 (NAD 1983) ELEV. = 5005.553 (GEO 1929).			

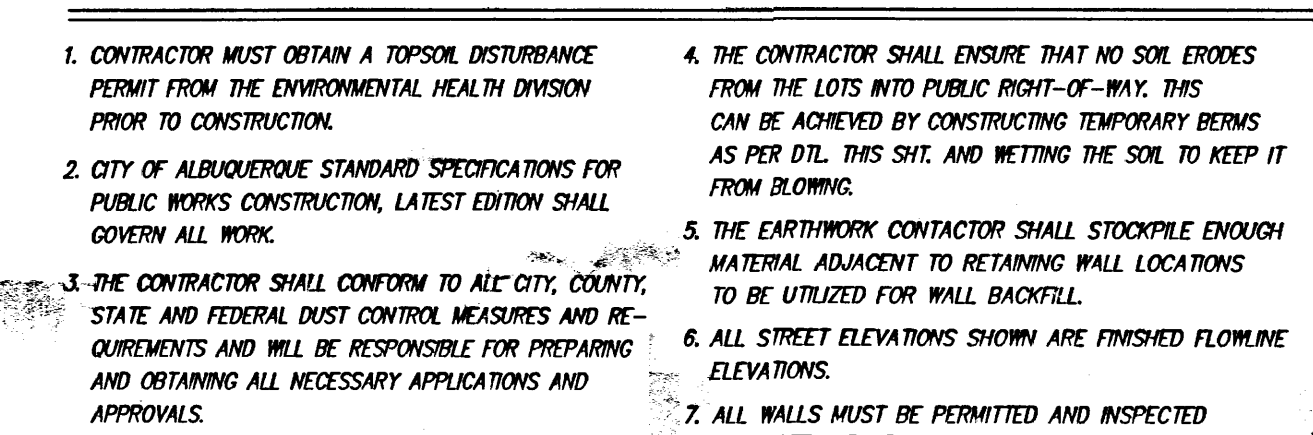
SURVEY INFORMATION			
FIELD NOTES	NO.	BY	DATE

ENGINEER'S SEAL			
NO.	DATE	REVISIONS	BY

CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING DEVELOPMENT GROUP			
TITLE:	DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	DATE
PUNO DE TIERRA GRADING AND DRAINAGE PLAN			

CITY PROJECT NO. 594082			
ZONE MAP NO. M-10	SHEET 1 OF 2	DATE	DATE

⁹⁹ FLOW DEPTHS ARE TAKEN FROM PLATE 22.3 D-1 OF THE DPM AND REDUCED BY 3/4" FOR ROLL CURB TYPES TO ACCOUNT FOR THE DIFFERENCE IN GUTTER DEPRESSION. ALLOWABLE DEPTHS MAY NOT EXCEED CURB HEIGHTS WHICH ARE 0.33' FOR ROLL CURB AND GUTTER AND 0.67' FOR STANDARD CURB AND GUTTER.



PRIVATE DRAINAGE EASEMENTS

2' wide private drainage easements are CENTERED ON ALL SIDE LOT LINES. Neither lot owner is allowed to change the planned grade within the 2' wide private drainage easement, nor shall either lot owner place any loose material adjacent to the easement that has the potential to be moved into the drainage easement or in any other way block drainage in any portion of the easement, except that a fence or block wall may be centered on the lot line. Under no circumstances shall the grade adjacent to the easement on either side of the easement be changed except by a structurally sound retaining wall, as designed by a registered professional engineer or architect.

APPROVED FOR
ROUGH GRADING

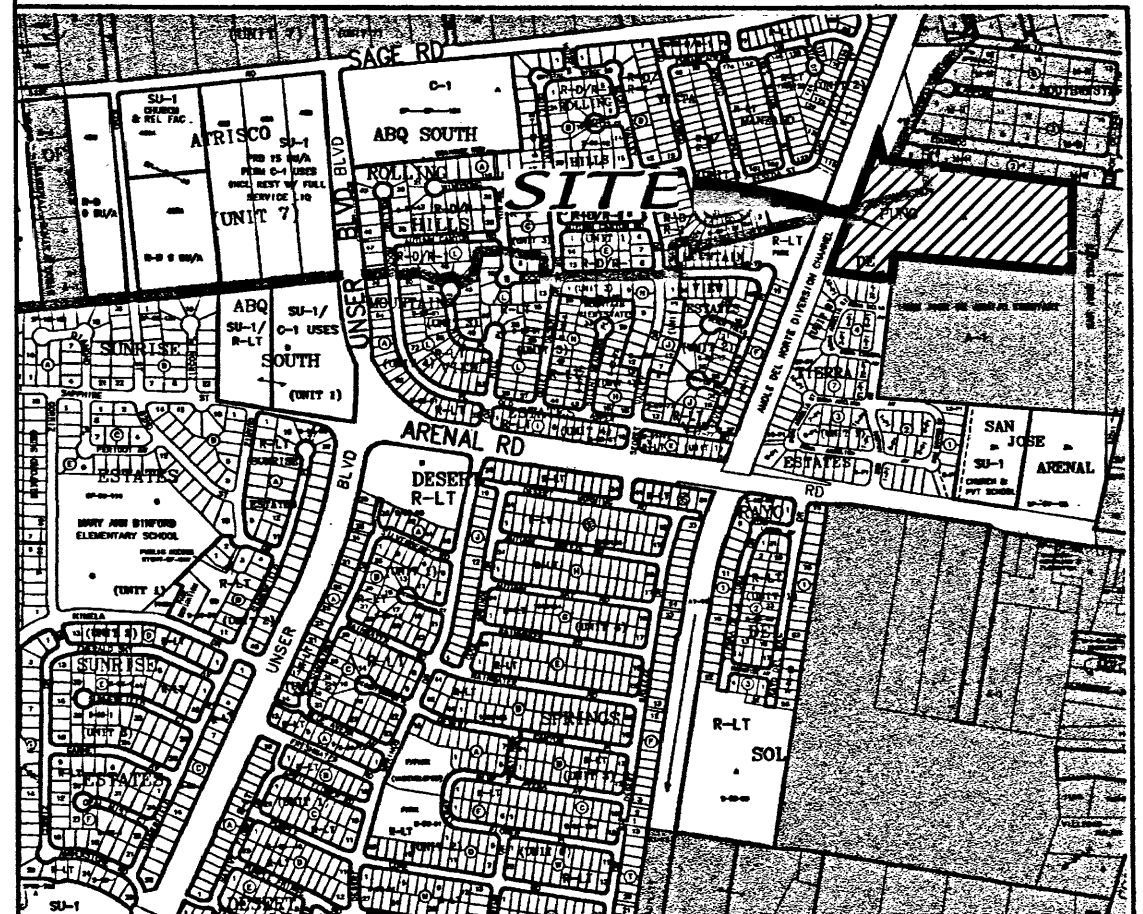
CITY HYDROLOGY DATE

1051PDT/GRADING/01-29-04/KJS, DE

	MARK GOODWIN & ASSOCIATES, P.A. CONSULTING ENGINEERS							NO. DATA	DESIGNED BY DRAWN BY
	P.O. BOX 90606 ALBUQUERQUE, NEW MEXICO 87199 (505) 828-2200, FAX (505) 797-9539								
 CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING DEVELOPMENT GROUP									
TITLE: <i>PUÑO DE TIERRA</i> <i>GRADING AND DRAINAGE PLAN</i>									
DESIGN REVIEW COMMITTEE			CITY ENGINEER APPROVAL			LAST DESIGN UPDATE	MO./DAY/YR.	MO./DAY/YR.	
CITY PROJECT NO.			ZONE MAP NO.			SHEET	OF		
594082			M-10			11	22		

6/19/02

CONSTRUCTION PLANS
FOR
PUNO DE TIERRA ESTATES
UNITS 3 & 4
ALBUQUERQUE, NEW MEXICO



VICINITY MAP ZONE ATLAS M-10
SCALE: NONE

GENERAL NOTES

NOTICE TO CONTRACTORS

1. AN EXCAVATION/CONSTRUCTION PERMIT WILL BE REQUIRED BEFORE BEGINNING ANY WORK WITHIN THE CITY RIGHT-OF-WAY.
 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 THE CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1988 EDITION AS REVISED THROUGH UPDATE #6.
 3. TWO WORKING DAYS PRIOR TO ANY EXCAVATION, THE CONTRACTOR MUST CONTACT NEW MEXICO ONE CALL SYSTEM (260-1990) 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 IMMEDIATELY SO THAT THE CONFLICT CAN BE RESOLVED WITH A MINIMUM AMOUNT OF DELAY.
 5. FIVE (5) WORKING DAYS PRIOR TO BEGINNING OF CONSTRUCTION, THE CONTRACTOR SHALL SUBMIT TO CONSTRUCTION COORDINATION DIVISION A DETAILED CONSTRUCTION SCHEDULE. TWO (2) WORKING DAYS PRIOR TO THE START OF CONSTRUCTION, THE CONTRACTOR SHALL OBTAIN A BARRICADING PERMIT FROM THE CONSTRUCTION COORDINATION DIVISION. CONTRACTOR SHALL NOTIFY THE CONSTRUCTION COORDINATION ENGINEER (768-2551) PRIOR TO OCCUPYING AN INTERSECTION. REFER TO SECTION 19 OF THE GENERAL CONDITIONS OF THE STANDARD SPECIFICATIONS.
 6. ALL WORK AFFECTING ARTERIAL ROADWAYS REQUIRES TWENTY-FOUR HOUR CONSTRUCTION.
 7. ALL STREET STRIPING ALTERED OR DESTROYED SHALL BE REPLACED WITH PLASTIC REFLECTORIZED PAVEMENT MARKING BY CONTRACTOR TO THE SAME LOCATION AS WAS EXISTING, OR AS INDICATED BY THIS PLAN SET.
 8. CONTRACTOR SHALL NOTIFY THE ENGINEER NOT LESS THAN SEVEN (7) DAYS PRIOR TO STARTING WORK IN ORDER THAT THE CITY SURVEYOR MAY TAKE NECESSARY MEASURES TO INSURE THE PRESERVATION OF SURVEY MONUMENTS. CONTRACTOR SHALL NOT DISTURB PERMANENT SURVEY MONUMENTS WITHOUT THE CONSENT OF THE CITY SURVEYOR AND SHALL NOTIFY THE CITY SURVEYOR AND BEAR THE EXPENSE OF REPLACING ANY THAT MAY BE DISTURBED WITHOUT PERMISSION. REPLACEMENT SHALL BE DONE ONLY BY THE CITY SURVEYOR. WHEN A CHANGE IS MADE IN THE FINISHED ELEVATIONS OF ANY ROADWAY IN WHICH A PERMANENT SURVEY MONUMENT IS LOCATED, CONTRACTOR SHALL, AT HIS OWN EXPENSE, ADJUST THE MONUMENT TO COVER THE NEW GRADE UNLESS OTHERWISE SPECIFIED. REFER TO SECTION 4.4 OF THE GENERAL CONDITIONS OF THE STANDARD SPECIFICATIONS. CONTRACTOR SHALL RECORD DATA ON ALL UTILITY LINES AND ACCESSORIES AS REQUIRED BY THE CITY OF ALBUQUERQUE FOR THE PREPARATION OF "AS CONSTRUCTED" DRAWINGS. CONTRACTOR SHALL NOT COVER UTILITY LINES AND ACCESSORIES UNTIL ALL DATA HAVE BEEN RECORDED.
 10. CONTRACTOR SHALL MAINTAIN A GRAFFITI-FREE WORK SITE. CONTRACTOR SHALL PROMPTLY REMOVE ANY GRAFFITI FROM ALL EQUIPMENT, WHETHER PERMANENT OR TEMPORARY.
 11. CONTRACTOR SHALL COORDINATE WITH THE CITY OF ALBUQUERQUE WATER SYSTEMS DIVISION (857-8200) FIVE (5) WORKING DAYS IN ADVANCE OF ANY WORK THAT MAY AFFECT EXISTING PUBLIC WATER OR SEWER UTILITIES. EXISTING VALVES TO BE OPERATED BY CITY PERSONNEL ONLY. CONTRACTOR SHALL CONTACT THE WATER SYSTEMS DIVISION THREE (3) WORKING DAYS PRIOR TO NEEDING VALVES TURNED ON OR OFF.
 12. FOR STORM DRAIN CONSTRUCTION, RCP JOINTS SHALL NOT BE GROUTED PRIOR TO FINAL INSPECTION. FINAL INSPECTION WILL DETERMINE JOINTS TO BE GROUTED FOR FINAL ACCEPTANCE OF THE CONSTRUCTION.
- 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.
- ☒ SIDEWALK 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.

Received 6/19/02

INDEX TO DRAWINGS

SHEET NO.	SHEET
1	TITLE SHEET
2-4	PLAT
5-6	GRADING AND DRAINAGE PLAN
7	MASTER PAVING PLAN
8-12	PAVING IMPROVEMENTS
13	MASTER UTILITY PLAN
14-18	UTILITY IMPROVEMENTS
19-20	STORM DRAIN IMPROVEMENTS
21-22	TRAFFIC CONTROL DETAILS

CAUTION:
NOTE THAT ALL EXISTING UTILITIES MAY NOT BE SHOWN. ALL EXISTING SERVICE CONNECTIONS ARE NOT SHOWN. ANY EXISTING UTILITIES THAT ARE SHOWN ARE APPROXIMATE LOCATION ONLY. IT SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO CONTACT ALL THE UTILITY OWNERS AND TO CONDUCT ALL NECESSARY FIELD INVESTIGATIONS PRIOR TO ANY EXCAVATIONS TO DETERMINE THE ACTUAL LOCATION OF UTILITIES AND OTHER IMPROVEMENTS.

dmg D. MARK GOODWIN & ASSOCIATES, P.A.
CONSULTING ENGINEERS
P. O. BOX 90606
ALBUQUERQUE, NEW MEXICO 87199
(505) 825-2200, FAX (505) 797-9539

REV.	SHEETS	CITY ENGINEER	DATE	USER DEPARTMENT	DATE	USER DEPARTMENT	DATE
ENGINEERS STAMP & SIGNATURE		APPROVALS		ENGINEER		DATE	
		DRG CHAIRMAN				*****	
		TRANSPORTATION				APPROVED FOR CONSTRUCTION	
		WATER/WASTEWATER					
		HYDROLOGY					
		CIP					
		N.M.U.L.				CITY ENGINEER	
		CONSTR. COORD.				DATE	
		CITY PROJECT NO.				SHEET OF	
						1 22	

DRB NO. 1001557

PURPOSE OF PLAT

1. SUBDIVIDE A SINGLE TRACT INTO 34 RESIDENTIAL LOTS AND 1 TRACT.
2. DEDICATE RIGHT-OF-WAY AS SHOWN
3. GRANT NEW EASEMENTS AS SHOWN.

APPROVAL AND CONDITIONAL ACCEPTANCE as specified by the Albuquerque subdivision Ordinance, Chapter 14 Article 14 of the Revised Ordinances of Albuquerque, New Mexico, 1994.

Subdivision Case No.

Planning Director, City of Albuquerque, N.M.	Date
City Engineer, City of Albuquerque, N.M.	Date
Albuquerque Metropolitan Arroyo Flood Control Authority	Date
Transportation Development, City of Albuquerque, N.M.	Date
Utility Development Division, City of Albuquerque, N.M.	Date
Parks and Recreation	Date
City Surveyor, City of Albuquerque, N.M.	Date
Property Management, City of Albuquerque, N.M.	Date
PNM Gas	Date
PNM Electric	Date
Qwest Telecommunications	Date
Comcast Cable	Date

"I, Timothy Aldrich, a duly qualified Registered Professional Land Surveyor under the laws of the State of New Mexico, do hereby certify that this plat and description were prepared by me or under my supervision, shows all easements as shown on the plat, subdivision shown herein, utility companies and other parties expressing an interest and meets the minimum requirements for monumentation and surveys of the Albuquerque Subdivision Ordinance. I further meet the requirements of the Albuquerque Subdivision Ordinance, of New Mexico, and is true and correct to the best of my knowledge and belief."

Timothy Aldrich P.S. No. 7719

Dwg:	PDT3-FPCOVER	Drawn:	NHM	Checked:	ALS	Sheet 1 of 5
Scale:	N/A	Date:	04-05-02	Job:	A01051	

STATE OF NEW MEXICO)

STATE OF NEW MEXICO)

This instrument was acknowledged before me on _____ by Francisco Melendez, Vice President of ASI ES, INC. A New Mexico Corporation on behalf of said Corporation.

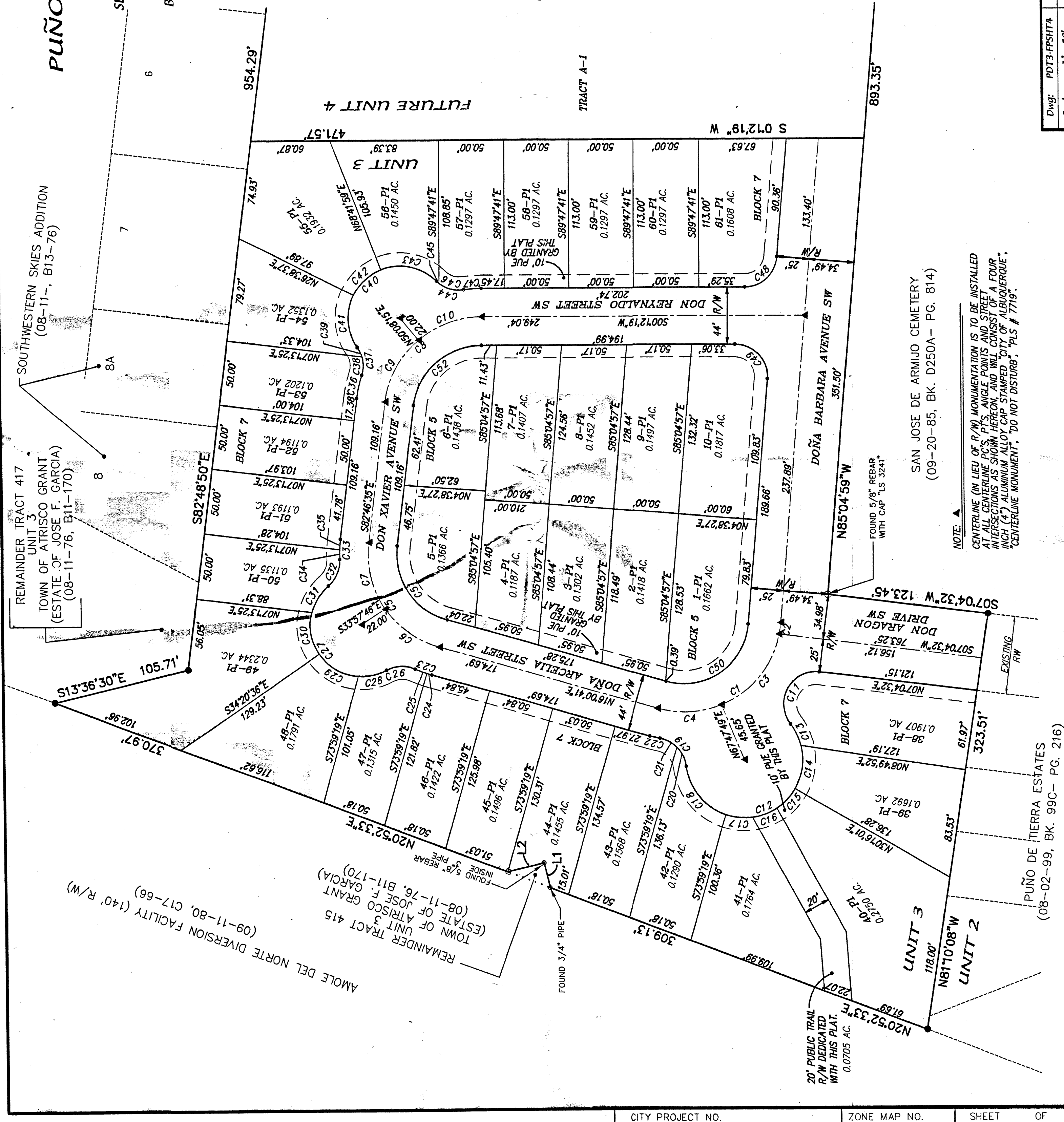
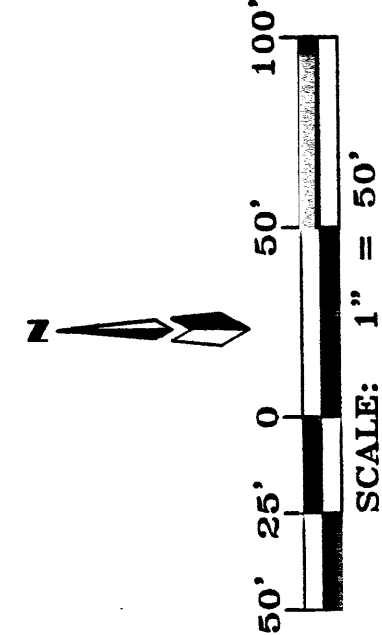
NOTARY PUBLIC

MY COMMISSION EXPIRES

WITHIN THE
 SECTIONS 34, TOWNSHIP 10 NORTH,
 RANGE 2 EAST, NMPM
 CITY OF ALBUQUERQUE
 BERNALILLO COUNTY, NEW MEXICO
 APRIL, 2002

ABBREVIATIONS
10' PUE = PUBLIC UTILITY EASEMENTS GRANTED WITH THIS PLAT
RW = RIGHT-OF-WAY

LINE TABLE		
LINE	LENGTH	BEARING
L1	19.93	N76°23'23"E
L2	29.01	N13°37'02"W



Dwg:	PDT3-FPSHT4	Drawn:	NHM	Checked:	ALS	Sheet 4 of 5
Scale:	1" = 50'	Date:	04-10-02	Job:	A01051	

PLAT FOR
PUÑO DE TIERRA ESTATES
UNIT 3

WITHIN THE
SECTION 34, TOWNSHIP 10 NORTH,
RANGE 2 EAST, NMPM
CITY OF ALBUQUERQUE
BERNALILLO COUNTY, NEW MEXICO
APRIL, 2002

CURVE TABLE				TANGENT	CHORD BEARING	CHORD LENGTH
NUMBER	RADIUS	LENGTH	DELTA			
C1	75.00'	132.33'	101°05'38"	91.13'	S34°32'08"E	115.87'
C2	75.00'	9.02'	6°33'40"	4.52'	S91°38'07"E	9.02'
C3	75.00'	73.28'	55°59'05"	39.87'	S00°11'44"E	70.40'
C4	75.00'	50.02'	38°12'52"	25.98'	S02°05'45"E	49.10'
C5	75.00'	106.31'	81°12'44"	64.30'	S56°37'03"W	97.63'
C6	75.00'	52.39'	40°01'33"	27.32'	S38°01'27"W	51.33'
C7	75.00'	53.91'	41°11'11"	28.18'	S76°37'49"W	52.76'
C8	75.00'	106.62'	82°58'54"	66.33'	N41°17'08"W	99.38'
C9	75.00'	56.17'	42°54'50"	29.48'	N61°19'10"W	54.87'
C10	75.00'	59.65'	40°14'04"	27.35'	N19°49'43"W	51.39'
C11	25.00'	59.68'	134°28'37"	59.58'	N60°09'47"W	46.11'
C12	45.00'	165.64'	210°54'14"	162.78'	S21°56'58"E	86.75'
C13	45.00'	16.96'	23°39'20"	8.48'	N64°25'15"E	18.45'
C14	45.00'	34.57'	44°01'46"	18.18'	S91°44'22"E	33.72'
C15	45.00'	20.85'	25°32'41"	10.88'	S20°11'58"E	20.23'
C16	45.00'	20.85'	28°32'49"	11.61'	S68°03'47"W	20.66'
C17	45.00'	20.85'	34°47'01"	11.61'	S71°25'08"W	47.80'
C18	45.00'	50.40'	64°10'01"	18.22'	N47°24'30"E	28.45'
C19	25.00'	31.49'	72°10'39"	8.77'	N64°10'32"E	16.55'
C20	25.00'	16.87'	38°39'14"	7.53'	N28°05'13"E	14.42'
C21	25.00'	14.63'	33°31'24"	3.97'	S13°40'06"W	7.93'
C22	97.00'	7.93'	44°11'07"	6.79'	S20°00'37"W	13.55'
C23	97.00'	13.55'	8°27'15"	2.93'	S17°14'20"W	4.16'
C24	97.00'	4.16'	53°31'55"	4.71'	S21°14'37"W	9.40'
C25	25.00'	22.82'	22°22'	12.22'	N02°07'36"W	22.03'
C26	25.00'	117.72'	168°37'20"	401.53'	S56°02'14"W	78.61'
C27	40.00'	117.72'	168°37'20"	401.53'	S12°04'02"E	22.33'
C28	40.00'	22.63'	32°24'49"	11.63'	S29°33'53"W	34.77'
C29	40.00'	35.97'	51°31'01"	19.30'	S29°33'53"W	33.62'
C30	40.00'	34.70'	49°42'01"	18.53'	S80°08'24"W	24.05'
C31	40.00'	24.43'	34°59'29"	12.61'	N67°08'51"W	22.03'
C32	25.00'	22.82'	52°17'41"	12.27'	S65°47'57"E	15.51'
C33	97.00'	15.52'	9°10'12"	7.78'	N67°21'41"W	7.30'
C34	97.00'	7.30'	41°8'39"	3.65'	N69°47'28"W	8.22'
C35	97.00'	8.22'	45°13'31"	4.12'	N85°12'22"W	8.22'
C36	97.00'	18.45'	10°53'51"	9.25'	N77°19'39"W	18.42'
C37	25.00'	22.82'	52°17'41"	12.27'	N61°58'26"E	22.03'
C38	25.00'	14.57'	33°29'59"	7.50'	S88°34'10"E	14.38'
C39	23.00'	8.25'	18°54'48"	4.18'	N65°17'00"E	8.22'
C40	40.00'	117.72'	168°37'20"	401.53'	N39°51'45"W	78.61'
C41	40.00'	44.46'	60°48'01"	23.46'	S69°14'06"W	40.40'
C42	40.00'	28.36'	42°03'23"	15.38'	N42°19'42"W	28.71'
C43	40.00'	45.90'	65°44'56"	23.65'	N17°34'27"E	43.44'
C44	25.00'	22.82'	52°17'41"	12.27'	S18°18'05"W	22.03'
C45	25.00'	2.64'	6°02'37"	1.32'	S41°23'36"W	2.64'
C46	25.00'	20.18'	46°15'03"	10.68'	S15°16'46"W	19.64'
C47	97.00'	13.63'	8°03'04"	6.83'	N03°49'13"W	13.62'
C48	25.00'	37.21'	65°17'16"	23.02'	S42°26'19"E	33.87'
C49	25.00'	41.33'	94°42'44"	27.15'	N47°33'41"E	36.78'
C50	50.00'	88.22'	107°05'39"	60.76'	S34°32'08"E	77.21'
C51	53.00'	75.12'	81°12'44"	45.44'	S56°37'03"W	66.99'
C52	53.00'	76.76'	82°58'54"	46.88'	N41°17'08"W	70.23'

Dwg: POT3-FPSHT5.dwg
Scale: N/A
Drawn: NIM
Date: 05/30/02
Checked: ALS
Job: A01051
Sheet 5 of 5

PLAT FOR
PUÑO DE TIERRA ESTATES
UNIT 4

WITHIN THE
SECTIONS 34
TOWNSHIP 10 NORTH, RANGE 2 EAST, NMPM
CITY OF ALBUQUERQUE
BERNALILLO COUNTY, NEW MEXICO
APRIL, 2002

APPROVED AND ACCEPTED BY:

APPROVAL AND CONDITIONAL ACCEPTANCE as specified by the Albuquerque
subdivision Ordinance, Chapter 14 Article 14 of the Revised Ordinances of
Albuquerque, New Mexico, 1994.

Subdivision Case No.

Planning Director, City of Albuquerque, N.M.	Date
City Engineer, City of Albuquerque, N.M.	Date
Albuquerque Metropolitan Arroyo Flood Control Authority	Date
Transportation Development, City of Albuquerque, N.M.	Date
Utility Development Division, City of Albuquerque, N.M.	Date
Parks and Recreation	Date
City Surveyor, City of Albuquerque, N.M.	Date
Property Management, City of Albuquerque, N.M.	Date
PNM Gas	Date
PNM Electric	Date
Qwest Telecommunications	Date
Comcast Cable	Date

SURVEYOR'S CERTIFICATION

"I, Timothy Aldrich, a duly qualified Registered Professional Land Surveyor under the laws of the State of New Mexico, do hereby certify that this plat and description were prepared by me or under my supervision, shows all easements as shown on the plat of record or made known to me by the owners and/or proprietors of the subdivision shown herein, utility companies and other parties representing interests therein, and that I am a duly qualified and licensed surveyor for the State of New Mexico, and further meets the Minimum Standards for Land Surveying in the State of New Mexico, and is true and correct to the best of my knowledge and belief."

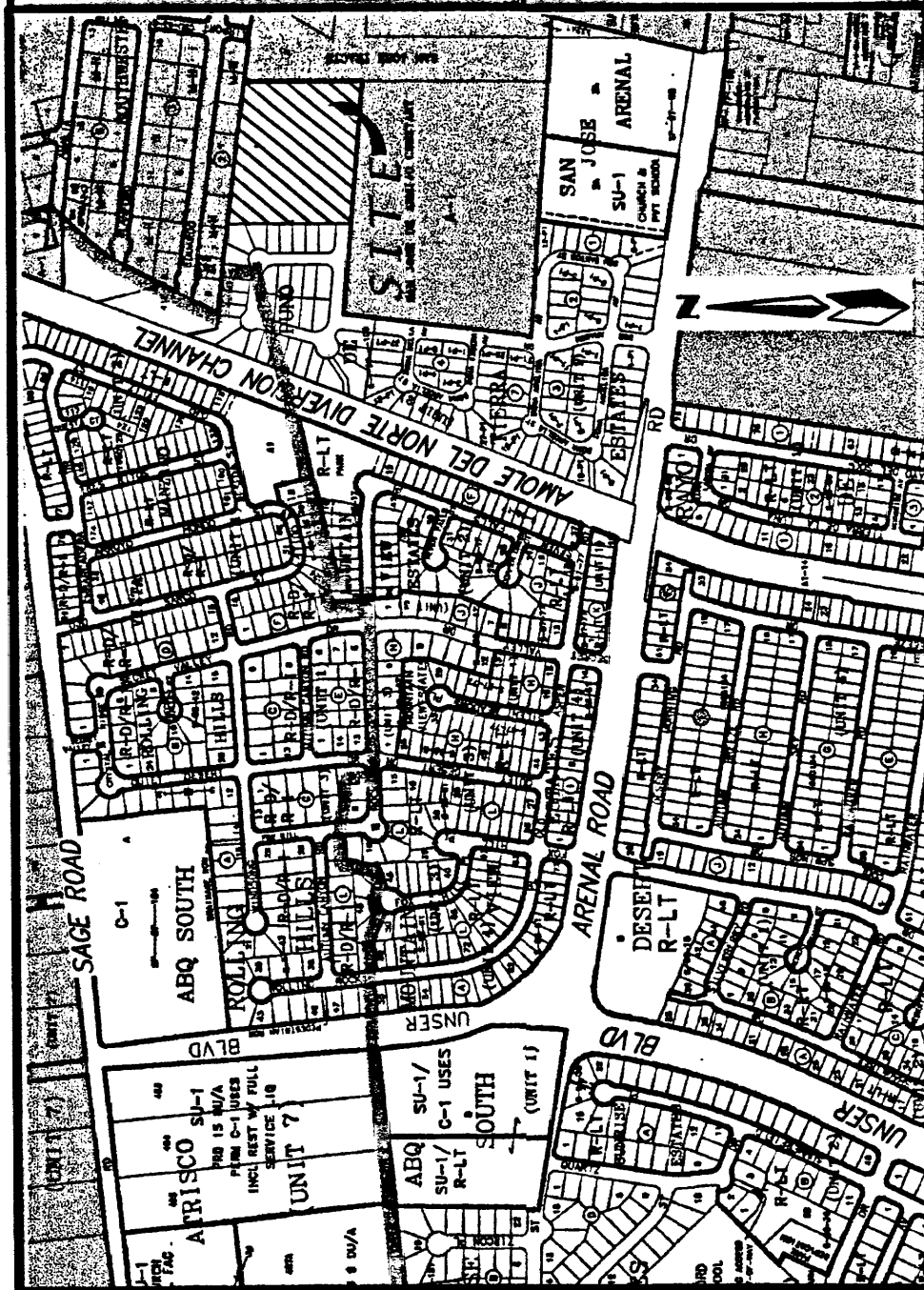
Timothy Aldrich P.S. No. 7719 Date

LEGAL DESCRIPTION (SEE SHEET 2)

NOTES (SEE SHEET 2)

PURPOSE OF PLAT

- SUBDIVIDE A SINGLE TRACT INTO 27 RESIDENTIAL LOTS.
- DEDICATE RIGHT-OF-WAY AS SHOWN
- GRANT NEW EASEMENTS AS SHOWN.



LOCATION MAP ZONE ATLAS M-10

SCALE: NONE

SUBDIVISION DATA

PLAT CASE NOS. PROJECT # CASE #

GROSS ACREAGE. 5.7120 AC.
ZONE/ATLAS NO. M-10-Z
NO. OF EXISTING TRACTS/LOTS. 1 TRACT
NO. OF TRACTS/LOTS CREATED. 27 LOTS
NO. OF TRACTS/LOTS ELIMINATED. 1 TRACT
MILES OF FULL WIDTH STREETS CREATED. 0.402 MILES
AREA DEDICATED TO CITY OF ALBUQUERQUE. 1.6547 ACRES
DATE OF SURVEY. NOVEMBER, 1997
UTILITY CONTROL LOCATION SYSTEM LOG NUMBER. 97112415010414

FREE CONSENT AND DEDICATION

The subdivision hereon described is with the free consent and in accordance with the desires of the undersigned owner(s) and/or proprietor(s) thereof and said owner(s) and/or proprietor(s) do hereby dedicate all streets, public right-of-ways shown hereon to the City of Albuquerque in fee simple with warranty covenants and do hereby grant: all access, utility and drainage easements shown hereon including the right to construct, operate, inspect, and maintain facilities therein; and all public utility easements shown hereon for the common and joint use of gas, electrical power and communication services for buried distribution lines, conduits, and pipes for underground utilities here shown or indicated; and the right to trim interfering trees and shrubs. Said owner(s) and/or proprietor(s) do hereby consent to all of the foregoing and do hereby certify that this subdivision is their free act and deed. Said owner(s) warrant that they hold among them complete and indefeasible title to the land subdivided.

Owner: ASI ES INC.
BY: Francisco Melendez, Vice President

OWNER

OWNER'S ACKNOWLEDGMENT

STATE OF NEW MEXICO }
COUNTY OF BERNALILLO } SS

This instrument was acknowledged before me on _____
by Francisco Melendez, Vice President of ASI ES, INC.
A New Mexico Corporation on behalf of said Corporation.

NOTARY PUBLIC

MY COMMISSION EXPIRES

CITY PROJECT NO.

ZONE MAP NO.
M-10

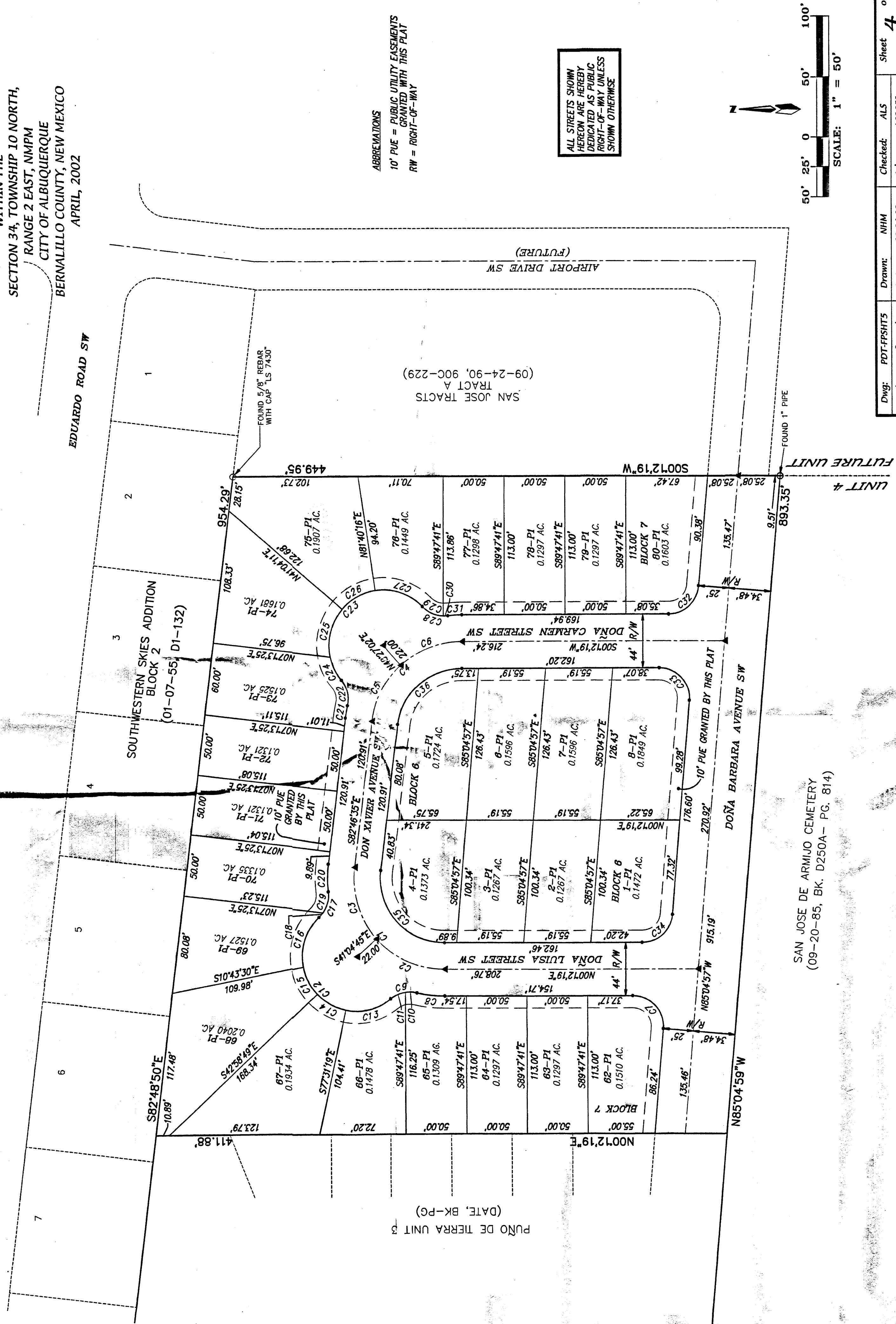
SHEET OF
3 22

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Drawn: NIM
Date: 04-06-02
Checked: ALS
Job: A01051
Sheet 1 of 5

PLAT FOR
PUÑO DE TIERRA ESTATES
UNIT 4

WITHIN THE
SECTION 34, TOWNSHIP 10 NORTH,
RANGE 2 EAST, NMPM
CITY OF ALBUQUERQUE
BERNALILLO COUNTY, NEW MEXICO
APRIL, 2002

NOTE: ▲
CENTERLINE (IN LIEU OF R/W) MONUMENTATION IS TO BE INSTALLED
AT THE INTERSECTIONS OF ALL LINES, ANGLES, POINTS AND STREET
INTERSECTIONS AS SHOWN HEREON, AND WILL CONSIST OF A FOUR
INCH (4") ALUMINUM ALLOY CHAP STAMPED "CITY OF ALBUQUERQUE",
"CENTERLINE MONUMENT", "DO NOT DISTURB", PLUS # 7719.



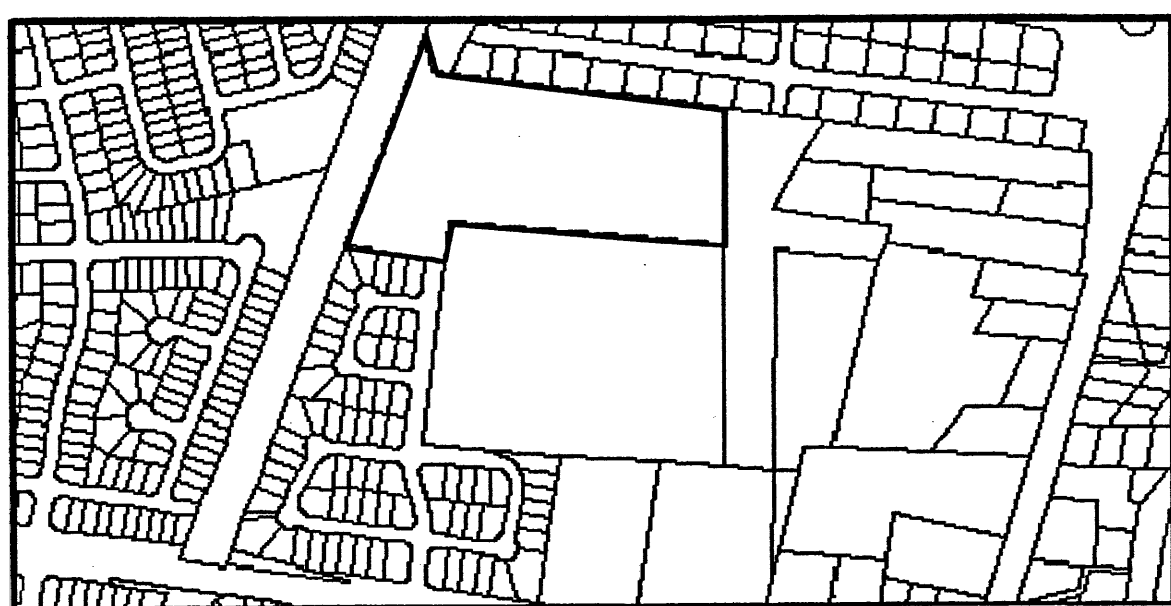
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Scale: 1" = 50' Date: 04-06-02 Job: A01051

PLAT FOR
PUÑO DE TIERRA ESTATES
UNITS 4

WITHIN THE
SECTION 34, TOWNSHIP 10 NORTH,
RANGE 2 EAST, NMPM
CITY OF ALBUQUERQUE
BERNALILLO COUNTY, NEW MEXICO
APRIL, 2002

NUMBER	RADIUS	LENGTH	CURVE TABLE	TANGENT	CHORD BEARING	CHORD LENGTH
C1	75.00'	127.00'	97°10'0"	84.80'	S48°42'32"W	112.35'
C2	75.00'	127.00'	97°10'0"	84.80'	S48°42'32"W	112.35'
C3	75.00'	127.00'	97°10'0"	84.80'	S48°42'32"W	112.35'
C4	75.00'	127.00'	97°10'0"	84.80'	S48°42'32"W	112.35'
C5	75.00'	127.00'	97°10'0"	84.80'	S48°42'32"W	112.35'
C6	75.00'	127.00'	97°10'0"	84.80'	S48°42'32"W	112.35'
C7	75.00'	127.00'	97°10'0"	84.80'	S48°42'32"W	112.35'
C8	75.00'	127.00'	97°10'0"	84.80'	S48°42'32"W	112.35'
C9	75.00'	127.00'	97°10'0"	84.80'	S48°42'32"W	112.35'
C10	75.00'	127.00'	97°10'0"	84.80'	S48°42'32"W	112.35'
C11	75.00'	127.00'	97°10'0"	84.80'	S48°42'32"W	112.35'
C12	75.00'	127.00'	97°10'0"	84.80'	S48°42'32"W	112.35'
C13	75.00'	127.00'	97°10'0"	84.80'	S48°42'32"W	112.35'
C14	75.00'	127.00'	97°10'0"	84.80'	S48°42'32"W	112.35'
C15	75.00'	127.00'	97°10'0"	84.80'	S48°42'32"W	112.35'
C16	75.00'	127.00'	97°10'0"	84.80'	S48°42'32"W	112.35'
C17	75.00'	127.00'	97°10'0"	84.80'	S48°42'32"W	112.35'
C18	75.00'	127.00'	97°10'0"	84.80'	S48°42'32"W	112.35'
C19	75.00'	127.00'	97°10'0"	84.80'	S48°42'32"W	112.35'
C20	75.00'	127.00'	97°10'0"	84.80'	S48°42'32"W	112.35'
C21	75.00'	127.00'	97°10'0"	84.80'	S48°42'32"W	112.35'
C22	75.00'	127.00'	97°10'0"	84.80'	S48°42'32"W	112.35'
C23	75.00'	127.00'	97°10'0"	84.80'	S48°42'32"W	112.35'
C24	75.00'	127.00'	97°10'0"	84.80'	S48°42'32"W	112.35'
C25	75.00'	127.00'	97°10'0"	84.80'	S48°42'32"W	112.35'
C26	75.00'	127.00'	97°10'0"	84.80'	S48°42'32"W	112.35'
C27	75.00'	127.00'	97°10'0"	84.80'	S48°42'32"W	112.35'
C28	75.00'	127.00'	97°10'0"	84.80'	S48°42'32"W	112.35'
C29	75.00'	127.00'	97°10'0"	84.80'	S48°42'32"W	112.35'
C30	75.00'	127.00'	97°10'0"	84.80'	S48°42'32"W	112.35'
C31	75.00'	127.00'	97°10'0"	84.80'	S48°42'32"W	112.35'
C32	75.00'	127.00'	97°10'0"	84.80'	S48°42'32"W	112.35'
C33	75.00'	127.00'	97°10'0"	84.80'	S48°42'32"W	112.35'
C34	75.00'	127.00'	97°10'0"	84.80'	S48°42'32"W	112.35'
C35	75.00'	127.00'	97°10'0"	84.80'	S48°42'32"W	112.35'
C36	75.00'	127.00'	97°10'0"	84.80'	S48°42'32"W	112.35'

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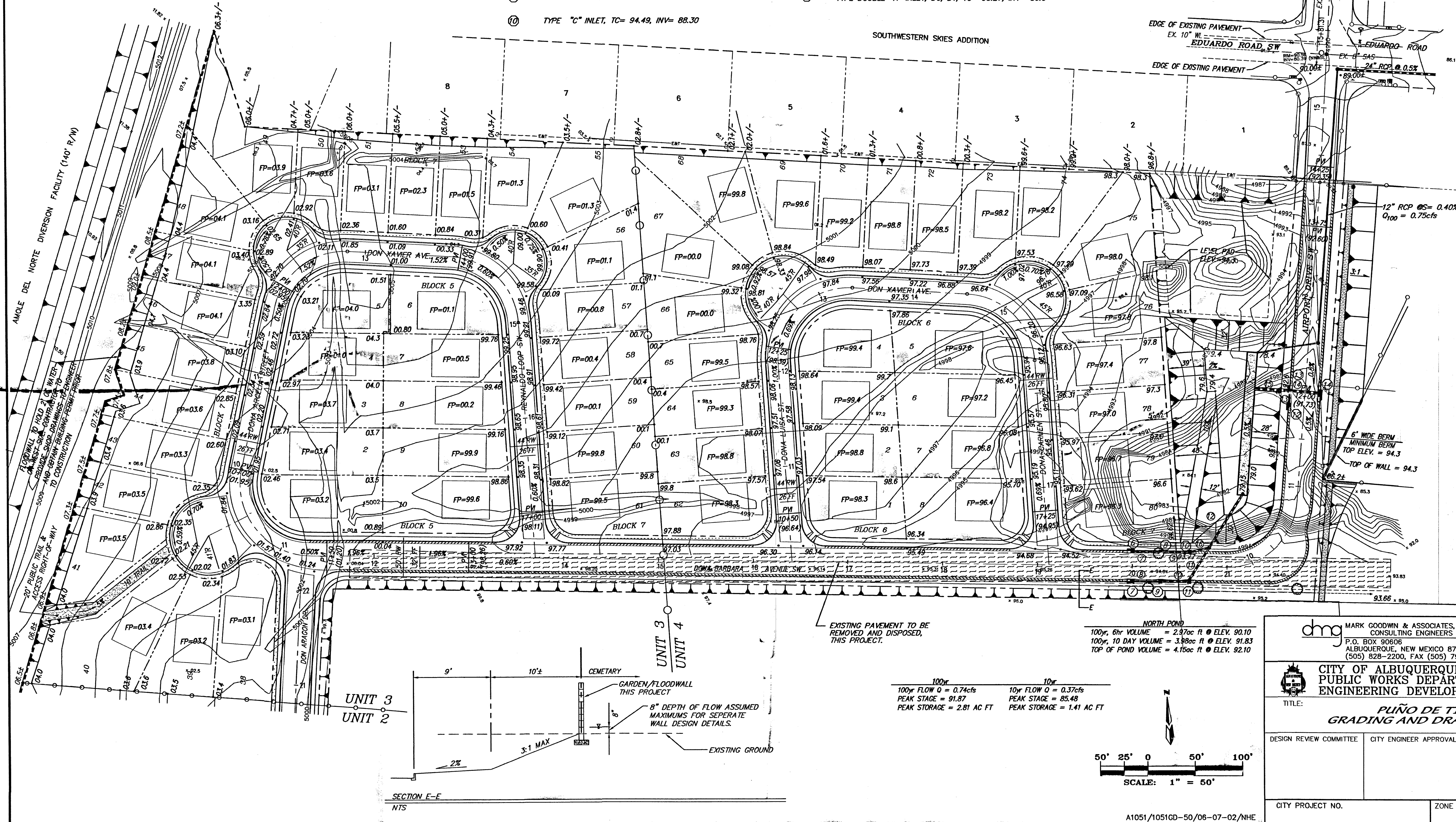


VICINITY MAP ZONE MAP: M-10

LEGEND

- ⑦ 27.05 LF. 18" RCP @ S=1.0%
Q₁₀₀ = 7.10cfs Qcapacity = 10.5cfs
V₁₀₀ = 4.0fps
- ⑧ 27.05 LF. 18" RCP @ S=1.0%
Q₁₀₀ = 7.10cfs Qcapacity = 10.5cfs
V₁₀₀ = 4.0fps
- ⑨ 27.05 LF. 24" RCP @ S=1.0%
Q₁₀₀ = 13.05cfs Qcapacity = 22.6cfs
V₁₀₀ = 4.0fps
- ⑩ 27.05 LF. 24" RCP @ S=1.0%
Q₁₀₀ = 13.05cfs Qcapacity = 22.6cfs
V₁₀₀ = 4.0fps
- ⑪ 38.37 LF. 24" RCP @ S=1.0%
Q₁₀₀ = 17.10cfs Qcapacity = 22.6cfs
V₁₀₀ = 5.4fps
- ⑫ 63.56 LF. 30" RCP @ S=1.0%
Q₁₀₀ = 34.20cfs Qcapacity = 41.0cfs
V₁₀₀ = 7.0fps
- ⑬ 12 LF. 24" RCP @ S=1.0%
Q₁₀₀ = 19.56cfs Qcapacity = 22.6cfs
V₁₀₀ = 6.2fps
- ⑭ 28 LF. 30" RCP @ S=1.0%
Q₁₀₀ = 39.12cfs Qcapacity = 41.0cfs
V₁₀₀ = 8.0fps
- ⑮ 36.5 LF. 36" RCP @ S=1.0%
Q₁₀₀ = 58.68cfs Qcapacity = 66.7cfs
V₁₀₀ = 8.3fps
- ⑯ 18.13 LF. 24" RCP @ S=1.0%
Q₁₀₀ = 17.10cfs Qcapacity = 22.6cfs
V₁₀₀ = 5.4fps
- ⑰ TYPE "A" INLET, TC= 94.73, INV= 90.00
- ⑱ TYPE "A" INLET, TC= 94.72, INV= 90.00
- ⑲ TYPE "C" INLET, TC= 94.61, INV= 89.30
- ⑳ TYPE "C" INLET, TC= 94.61, INV= 89.30
- ㉑ TYPE "C" INLET, TC= 94.49, INV= 88.30
- ㉒ TYPE "A" INLET, TC= 94.49, INV= 89.10
- ㉓ TYPE DOUBLE "A" INLET, DG, ST, TC= 93.33, INV= 84.5
- ㉔ TYPE DOUBLE "A" INLET, DG, ST, TC= 93.27, INV= 85.2
- ㉕ TYPE DOUBLE "A" INLET, DG, DT, TC= 93.27, INV= 86.0

- ARTERIAL PAVEMENT
- TEMPORARY PAVEMENT
- EXISTING PAVEMENT
- NEW SIDEWALK CONSTRUCTED THIS PROJECT
- DEFERRED SIDEWALKS
- NEW RETAINING WALLS OVER 18"
- EXISTING PAVEMENT TO BE REMOVED AND DISPOSED, THIS PROJECT.
- MOUNTABLE CURB & GUTTER
- STANDARD 8" CURB & GUTTER
- NEW STORM DRAIN LINE
- TRACT/LOT BOUNDARY
- RIGHT OF WAY
- EASEMENTS
- PROPERTY LINE
- HANDICAP RAMPS PER COA DWG #2418 THIS PROJECT.
- EXISTING OVERHEAD ELECTRIC LINE
- EXISTING OVERHEAD TELEPHONE LINE
- EXISTING POWER POLE
- EXISTING STORM SEWER MANHOLE



100yr 6hr VOLUME = 2.47cc ft @ ELEV. 90.10
100yr 10 DAY VOLUME = 3.38cc ft @ ELEV. 91.83
TOP OF POND VOLUME = 4.15cc ft @ ELEV. 92.10

100yr FLOW Q = 0.74cfs
PEAK STAGE = 91.87
PEAK STORAGE = 2.81 AC FT

10yr FLOW Q = 0.37cfs
PEAK STAGE = 85.48
PEAK STORAGE = 1.41 AC FT

SCALE: 1" = 50'

dmg MARK GOODWIN & ASSOCIATES, P.A.
CONSULTING ENGINEERS
P.O. BOX 30606
ALBUQUERQUE, NEW MEXICO 87199
(505) 828-2200, FAX (505) 797-9539

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE: PUÑO DE TIERRA
GRADING AND DRAINAGE PLAN

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	DATE	MO./DAY/YR.
CITY PROJECT NO.	ZONE MAP NO.	SHEET	OF
	M-10	5	22

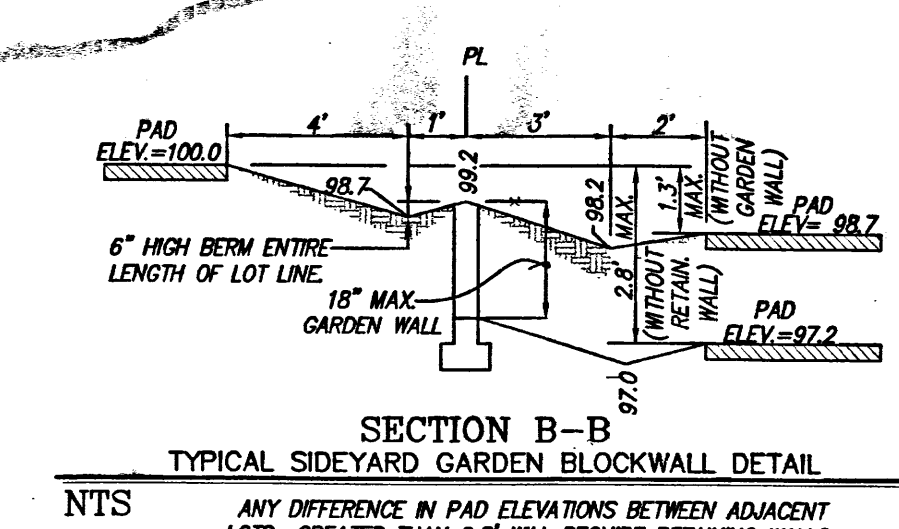
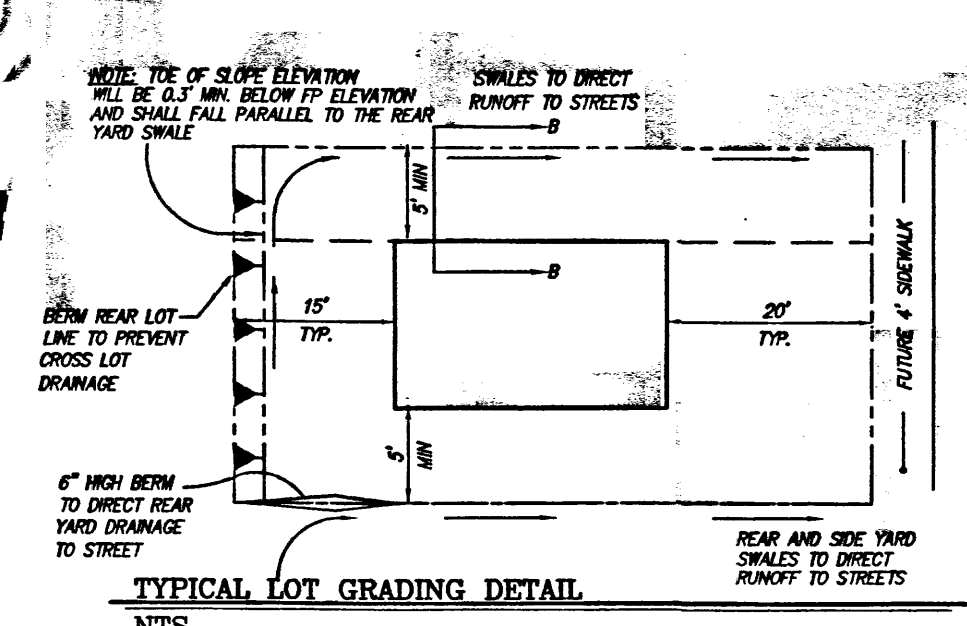
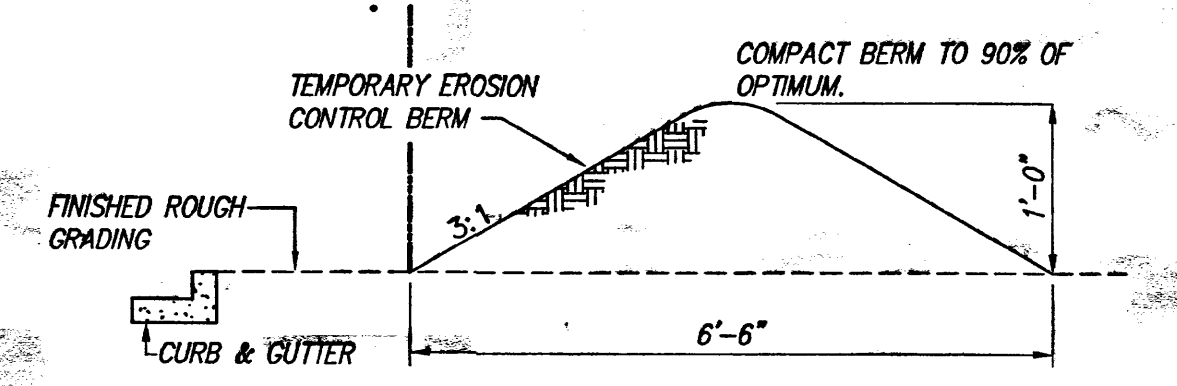
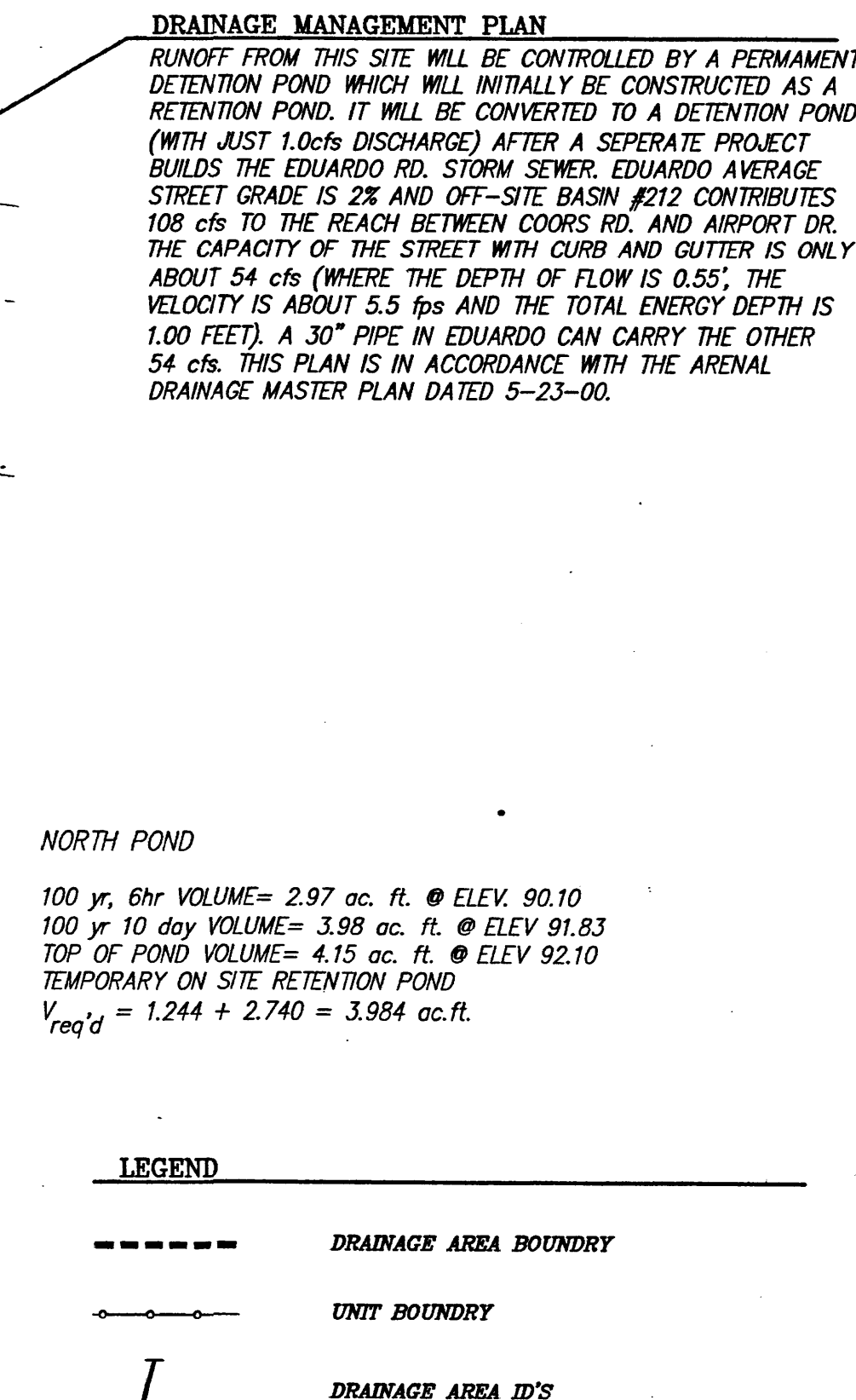
AS BUILT INFORMATION			
CONTRACTOR	STATION "3-H10" IS LOCATED 4.5 MILES NW OF DOWNTOWN SW OF LADERA & GOLF COURSE. TO REACH STATION FROM INTERSECTION OF I-40 & UNISER BLVD. GO NORTH ON UNISER 0.75 MILES TO LADERA DR. THE STATION IS NE OF THE INTERSECTION. THE STATION MARK IS A STANDARD ACS BRASS CAP STAMPED "3-H10" SET FLUSH IN THE CONCRETE SURFACE OF THE SPILLWAY. X=356,888.72, Y=1,493,922.98 (NAD 1983) ELEV.=5,183.39 (NAD 1983)	DATE	NO.
INSPECTOR		DATE	
APPROVED BY		DATE	
DRAWN BY		DATE	
CHECKED BY		DATE	

SURVEY INFORMATION	
FIELD NOTES	NO.
DATE	BY

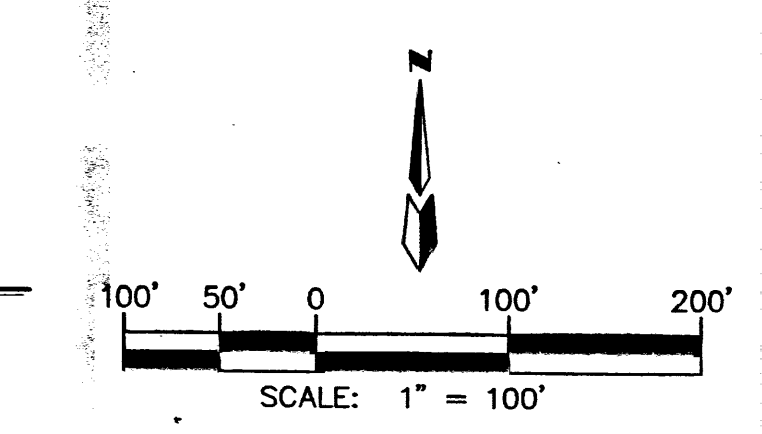
ENGINEER'S SEAL	
NO.	BY

REVISIONS	
NO.	DATE
DESIGNED BY	DATE
DRAWN BY	DATE
CHECKED BY	DATE

¹⁹ FLOW DEPTHS ARE TAKEN FROM PLATE 22.3 D-1 OF THE DPM AND REDUCED BY 3/4" FOR ROLL CURB TYPES TO ACCOUNT FOR THE DIFFERENCE IN GUTTER DEPRESSION. ALLOWABLE DEPTHS MAY NOT EXCEED CURB HEIGHTS WHICH ARE 0.33' FOR ROLL CURB AND GUTTER AND 0.67' FOR STANDARD CURB AND GUTTER.



1. CONTRACTOR MUST OBTAIN A TOPSOIL DISBURSAL PERMIT FROM THE ENVIRONMENTAL HEALTH DIVISION PRIOR TO CONSTRUCTION.
2. CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, LATEST EDITION SHALL GOVERN ALL WORK.
3. THE CONTRACTOR SHALL CONFORM TO ALL CITY, COUNTY, STATE AND FEDERAL SOIL CONTROL MEASURES AND REQUIREMENTS AND WILL BE RESPONSIBLE FOR PREPARING AND OBTAINING ALL NECESSARY APPLICATIONS AND APPROVALS.
4. THE CONTRACTOR SHALL ENSURE THAT NO SOIL ERODES FROM THE LOTS INTO PUBLIC RIGHT-OF-WAY. THIS CAN BE ACHIEVED BY CONSTRUCTING TEMPORARY BERMS AS PER LOT, THIS SHT. AND NETTING THE SOIL TO KEEP IT FROM BLOWING.
5. THE EARTHWORK CONTRACTOR SHALL STOCKPILE ENOUGH MATERIAL ADJACENT TO RETAINING WALL LOCATIONS TO BE UTILIZED FOR WALL BACKFILL.
6. ALL STREET ELEVATIONS SHOWN ARE FINISHED FLOWLINE ELEVATIONS.
7. ALL WALLS MUST BE PERMITTED AND INSPECTED SEPARATELY BY THE CITY BUILDING DEPT.
8. A 10' PRIVATE DRAINAGE EASEMENT (PDE) IS GRANTED ON ALL SLOTLOTS AND ON REAR LOT LINES WHERE THEY ABUT THE SIDEYARD OF THE ADJACENT LOT, TO BE MAINTAINED JOINTLY BY THE ADJOINERS.



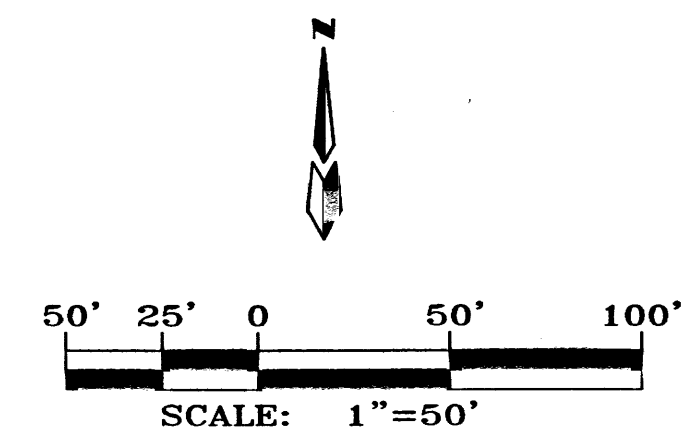
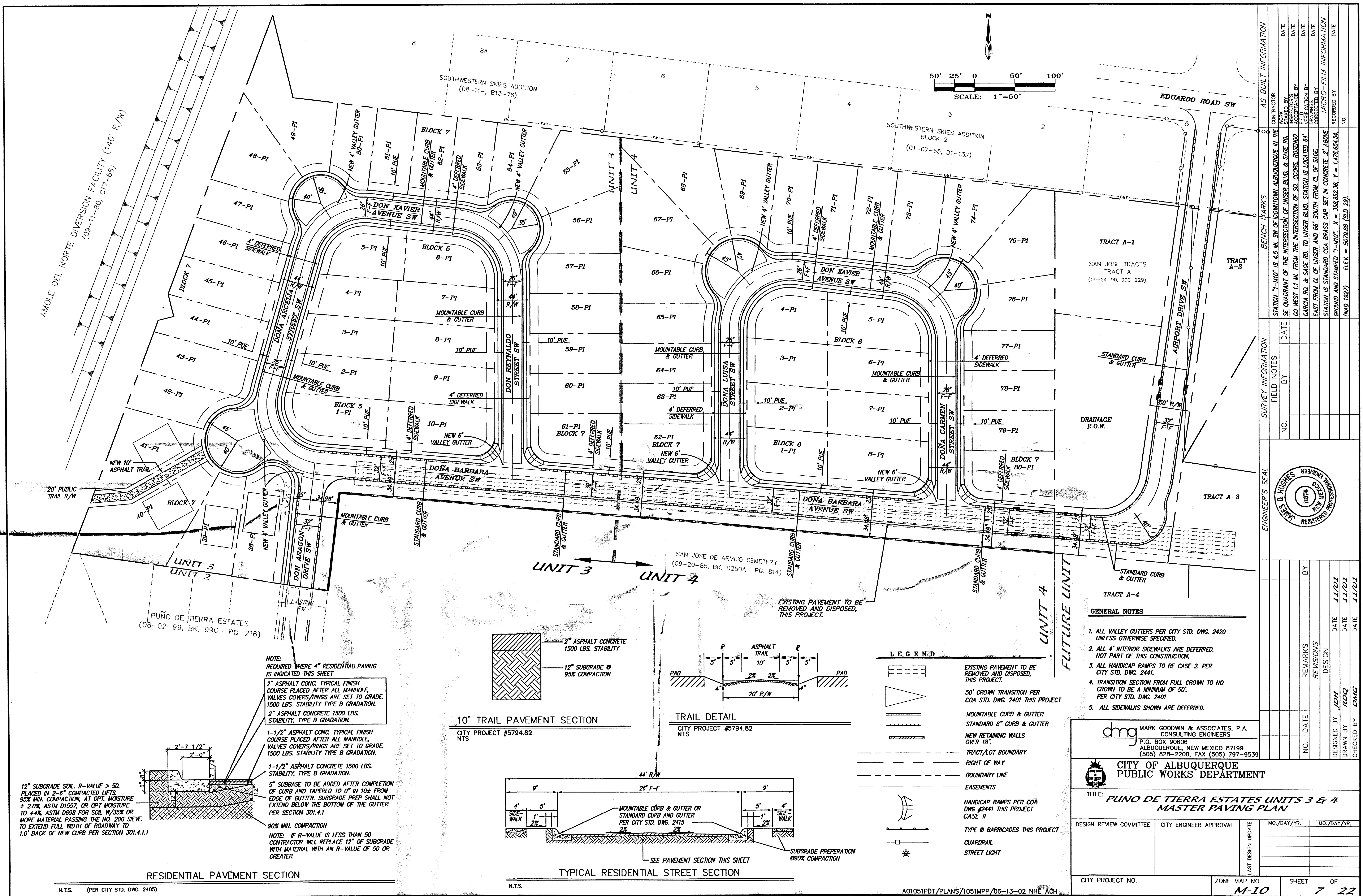
dmg MARK GOODWIN & ASSOCIATES, P.A.
CONSULTING ENGINEERS
P.O. BOX 90606
ALBUQUERQUE, NEW MEXICO 87199
(505) 828-2200, FAX (505) 797-9539

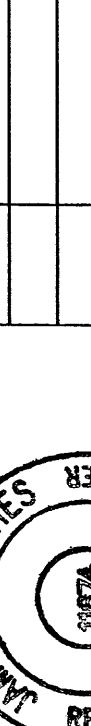
 CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

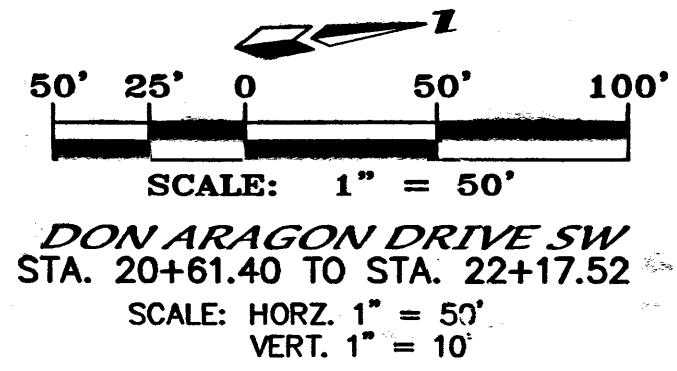
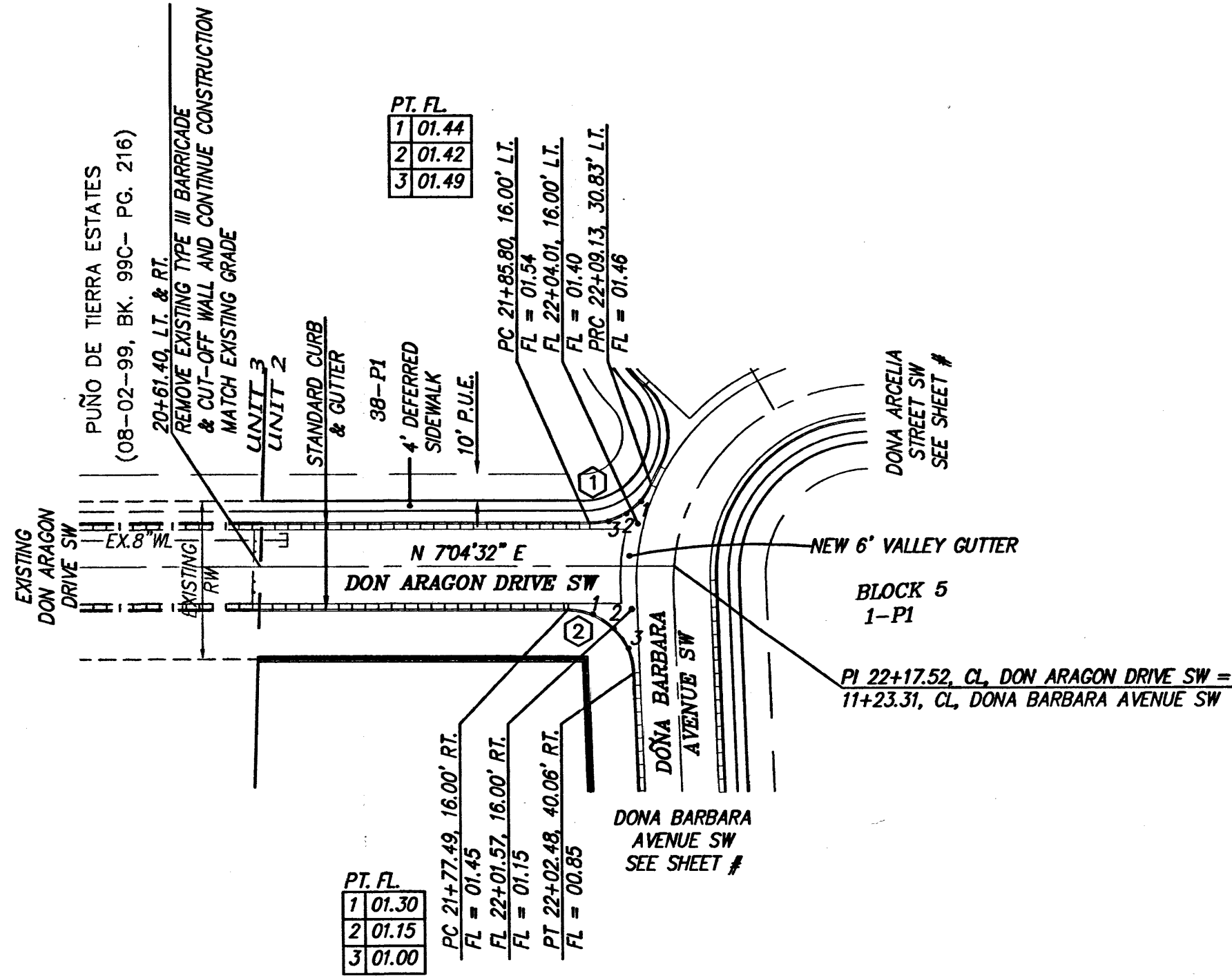
TITLE: ***PUÑO DE TIERRA
GRADING AND DRAINAGE PLAN***

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	LAST DESIGN UPDATE	MO./DAY/YR.	MO./DAY/YR.

CITY PROJECT NO.	ZONE MAP NO. <i>M - 10</i>	SHEET <i>6</i> OF <i>22</i>
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19											
ENGINEER'S SEAL											
											
NO. DATE				REMARKS				DESIGNED BY			
NO. DATE				REVISIONS				DRAWN BY			
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CONSTRUCTION THIS PROJECT
MATCH EXISTING

EXISTING GRADE @ CL

100' VC LT.
MO = -0.26%
K = 49

100' VC RT.
MO = -0.32%
K = 39

PVI 19+50.00
FL = (98.8)

PVI 21+00.00 LT.
FL = (01.40)

PVI 21+50.00 LT.
FL = (01.33) 0.61

PVI 22+00.00 LT.
FL = (01.44)

PVI 22+00.00 RT.
FL = (01.17)

PVI 22+00.00 RT.
FL = (01.15)

PVI 21+00.00 RT.
FL = (01.40)

PVI 21+50.00 RT.
FL = (01.33) 0.61

PVI 22+00.00 RT.
FL = (01.15)

22+00.00 FILET LT.
FL = (01.40)

22+00.00 FILET RT.
FL = (01.15)

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NOTES

1. ALL STATIONING IS CENTERLINE STATIONING.

CURVE DATA - DESCRIBES FACE OF NEW CURB

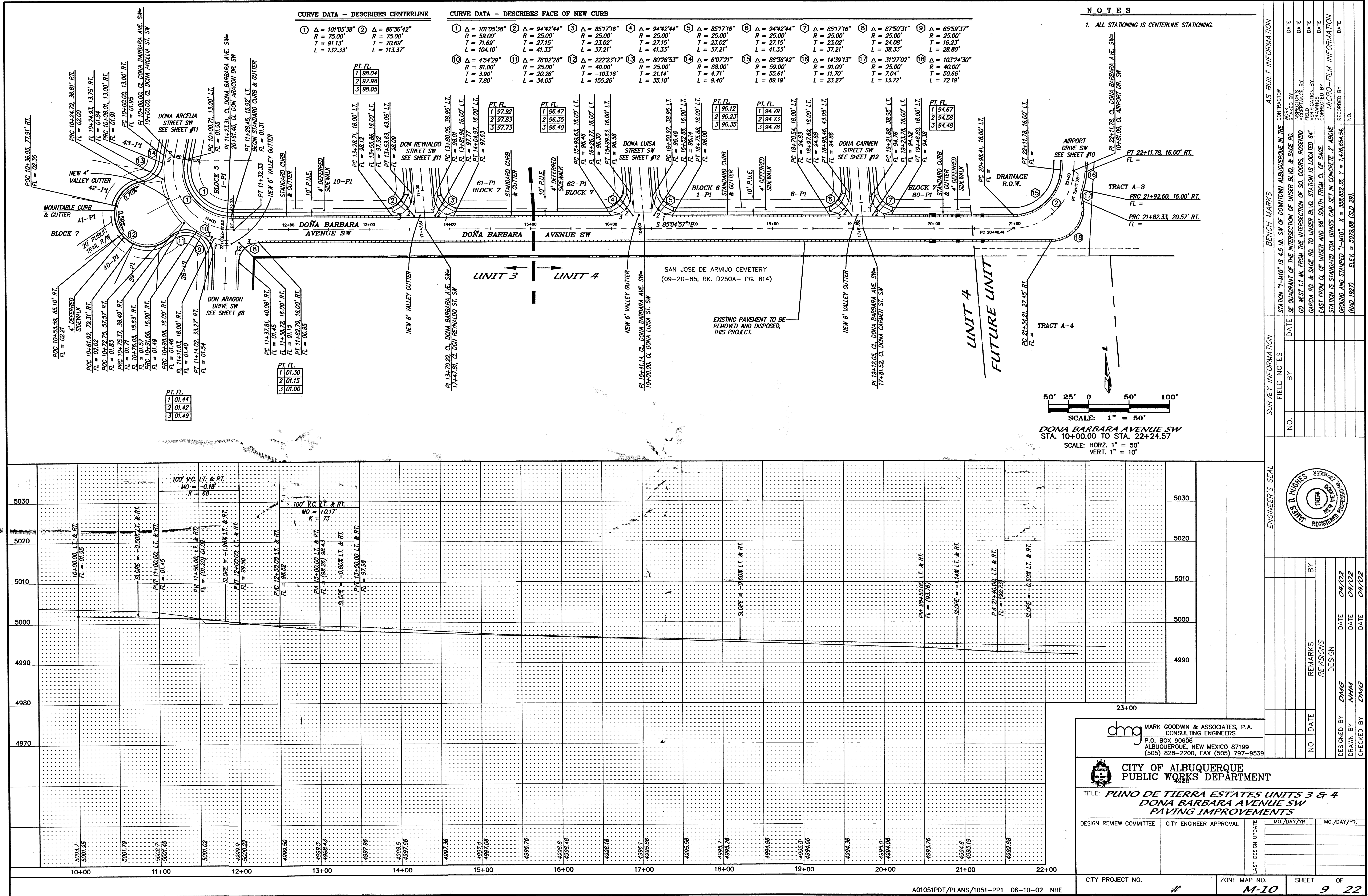
$$\begin{array}{ll} \textcircled{1} \Delta = 6707'31'' & \textcircled{2} \Delta = 8750'31'' \\ R = 25.00' & R = 25.00' \\ T = 16.59' & T = 24.08' \\ L = 29.29' & L = 38.33' \end{array}$$

[illegible]

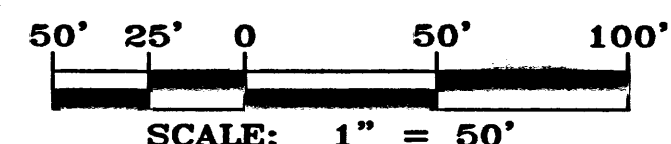
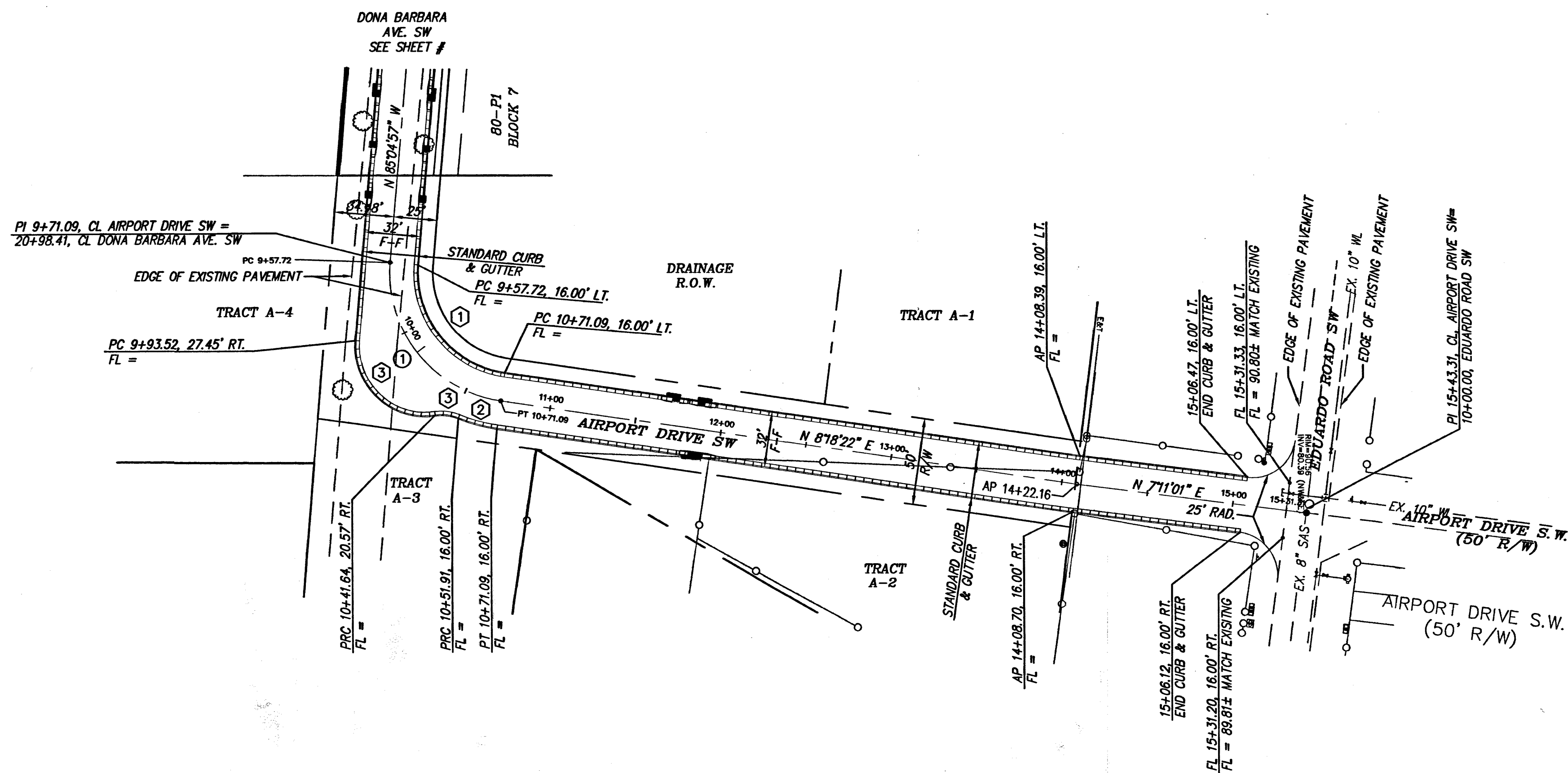
A circular professional engineer seal for James D. Hughes. The outer ring contains the text "JAMES D. HUGHES" at the top and "REGISTERED PROFESSIONAL ENGINEER" at the bottom. The inner ring contains "NEW MEXICO". The center of the seal features the number "11874".

[illegible]

		MARK GOODWIN & ASSOCIATES, P.A. CONSULTING ENGINEERS		DATE		DESIGNED BY	DRAWN BY	CHECKED BY
		P.O. BOX 90606 ALBUQUERQUE, NEW MEXICO 87199 (505) 828-2200, FAX (505) 797-9539		NO.				
 CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT								
TITLE PUNO DE TIERRA ESTATES UNITS 3 & 4 DON ARAGON PAVING IMPROVEMENTS								
DESIGN REVIEW COMMITTEE		CITY ENGINEER APPROVAL		LAST DESIGN UPDATE	MO./DAY/YR.	MO./DAY/YR.		
CITY PROJECT NO.		#	ZONE MAP NO.		SHEET	OF		
			M-10		8	22		



\\A01005\A105\pdt\OFFSITE\10510FF-PP1.dwg, Model, 06/10/02 08:32:44 AM,
Mark Goodwin & Associates Plotted by NHE



DONA BARBARA AVE. SW
STA. 20+47.52 TO STA. 22+24.57
AIRPORT DR. SW
STA. 10+00.00 TO STA. 21+00.00
SCALE: HORIZ. 1" = 50'
VERT. 1" = 10'

NOTES
1. ALL STATIONING IS CENTERLINE STATIONING.

CURVE DATA - DESCRIBES CENTERLINE

① $\Delta = 86^{\circ}36'41''$
 $R = 75.00'$
 $T = 70.69'$
 $L = 113.37'$

CURVE DATA - DESCRIBES FACE OF NEW CURB

① $\Delta = 86^{\circ}36'42''$ ② $\Delta = 14^{\circ}39'13''$ ③ $\Delta = 31^{\circ}27'02''$
 $R = 59.00'$ $R = 91.00'$ $R = 25.00'$
 $T = 55.81'$ $T = 11.70'$ $T = 7.04'$
 $L = 89.19'$ $L = 23.27'$ $L = 13.72'$

④ $\Delta = 103^{\circ}24'30''$
 $R = 40.00'$
 $T = 50.66'$
 $L = 72.19'$

ENGINEER'S SEAL		SURVEY INFORMATION		BENCH MARKS		AS BUILT INFORMATION	
		FIELD NOTES		STATION 1+00.00 IS 4.5 MI. SW OF DOWNTOWN ALBUQUERQUE IN THE SE QUADRANT OF THE INTERSECTION OF UNSER BLVD. & SAGE RD.		CONTRACTOR	
		NO.	DATE	BY	DATE	STAKED BY	DATE
REMARKS		NO.		DATE		INSPECTOR'S	
DESIGN		NO.		DATE		FIELD	
DESIGNED BY JDH		NO.		DATE		VERIFICATION BY	
DRAWN BY NHE		NO.		DATE		DATE	
CHECKED BY DMG		NO.		DATE		MICRO-FILM INFORMATION	
NO.		NO.		NO.		RECORDED BY	
NO.		NO.		NO.		NO.	

dmg MARK GOODWIN & ASSOCIATES, P.A.
CONSULTING ENGINEERS
P.O. BOX 90606
ALBUQUERQUE, NEW MEXICO 87199
(505) 828-2200, FAX (505) 797-9539

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT

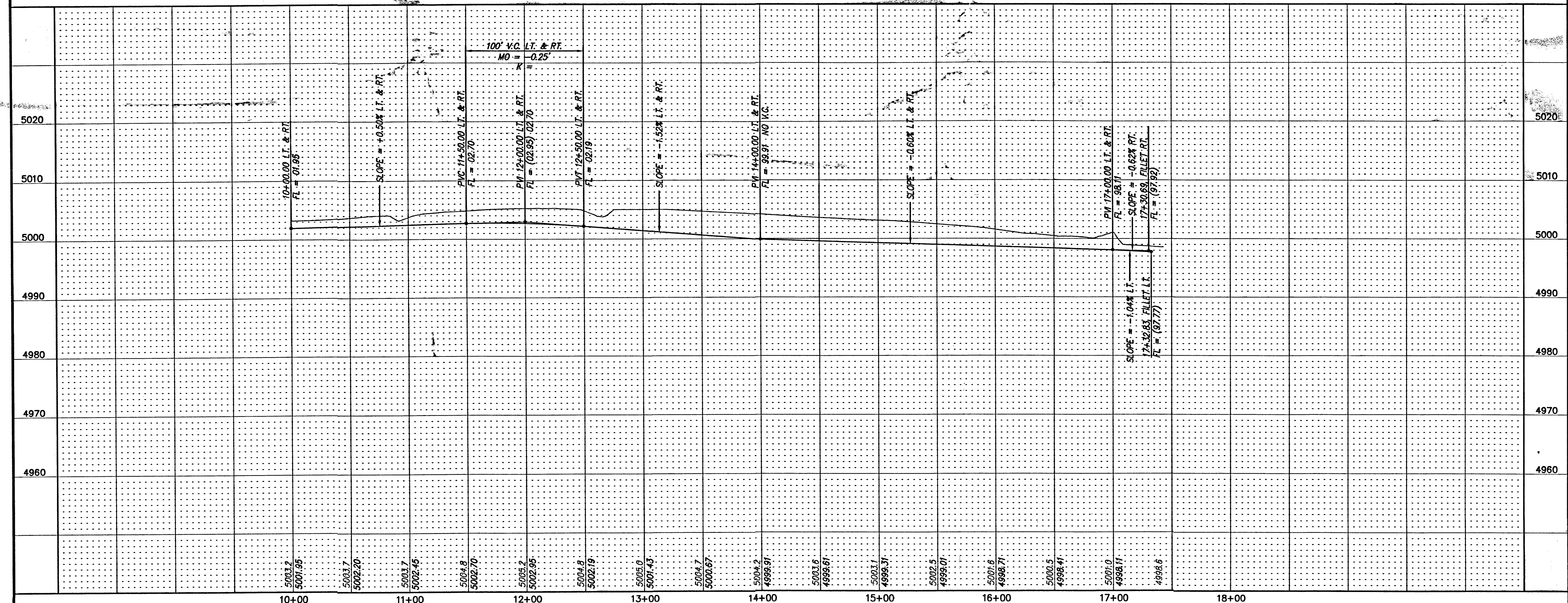
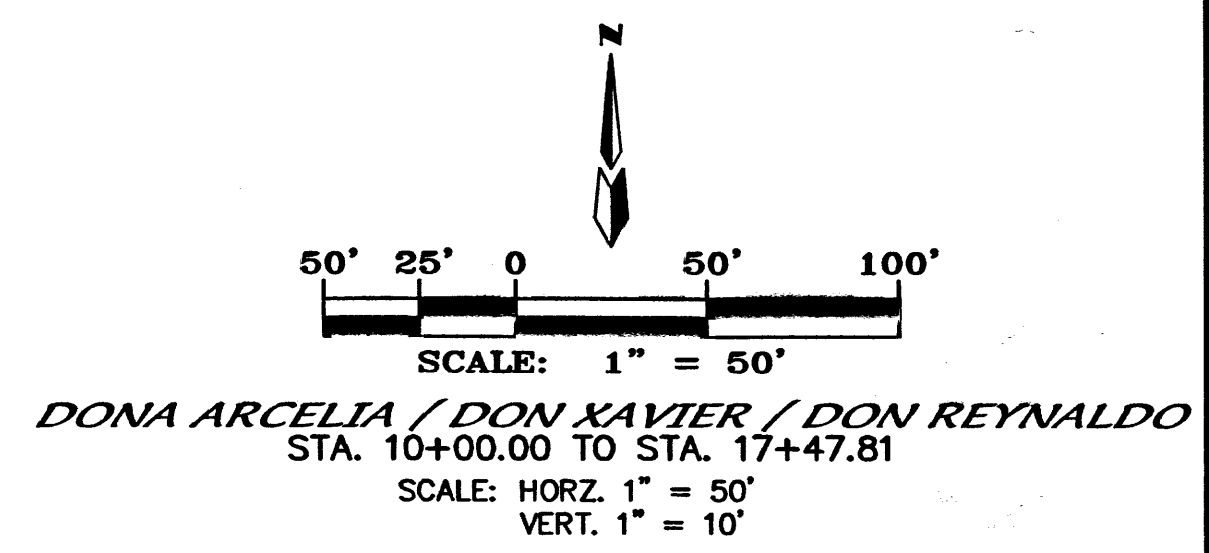
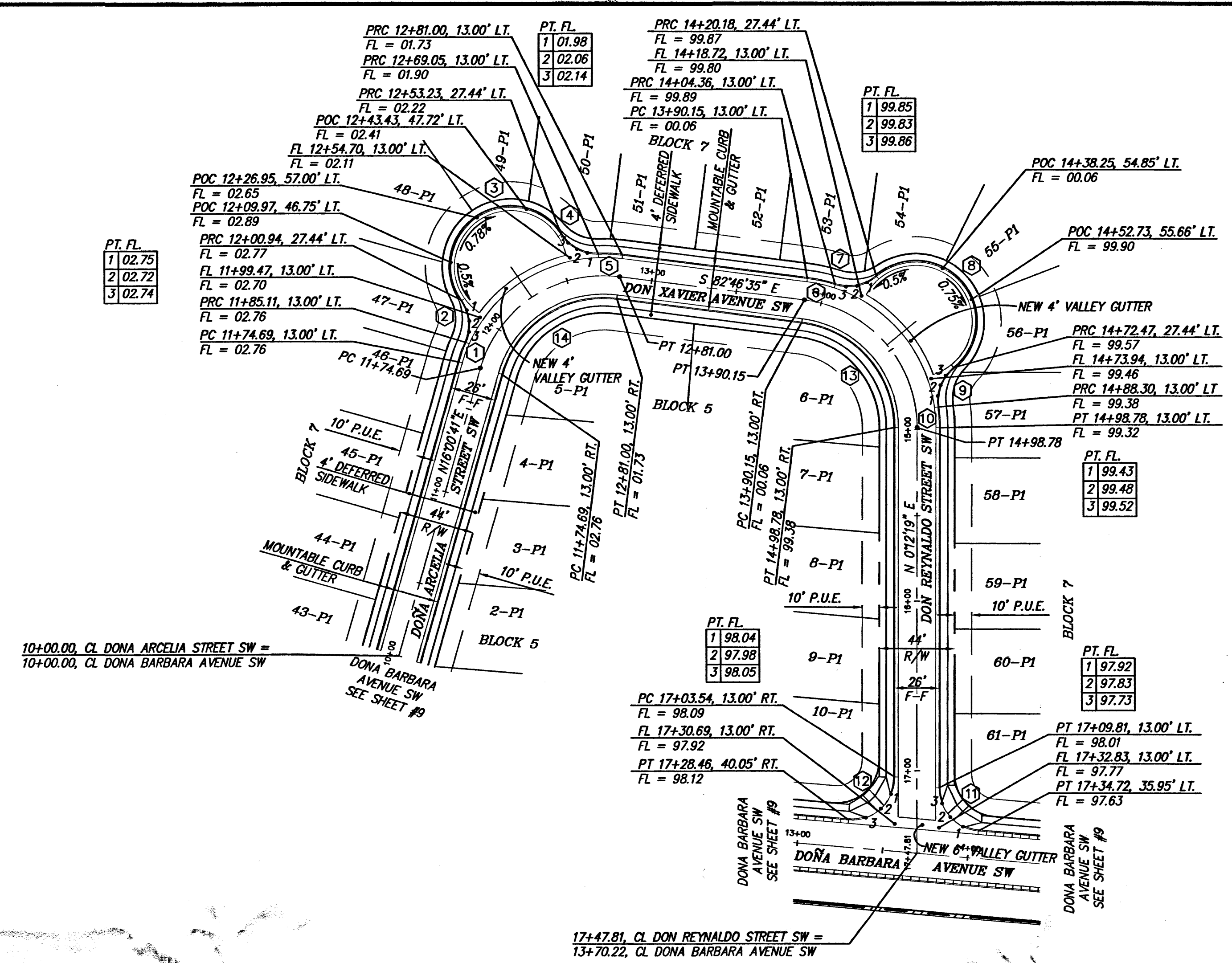
TITLE: PUNO DE TIERRA UNITS 3 & 4
AIRPORT DRIVE SW / DONA BARBARA AVENUE SW
PAVING IMPROVEMENTS

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	LAST DESIGN UPDATE	MO./DAY/YR.	MO./DAY/YR.

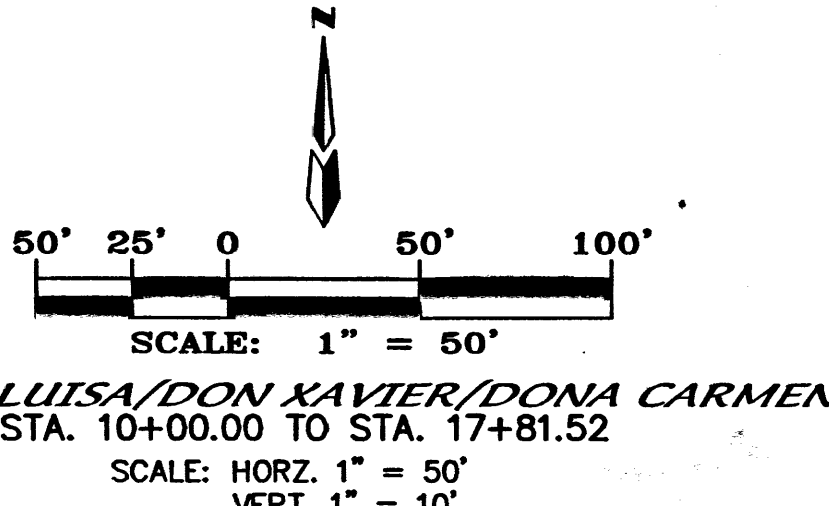
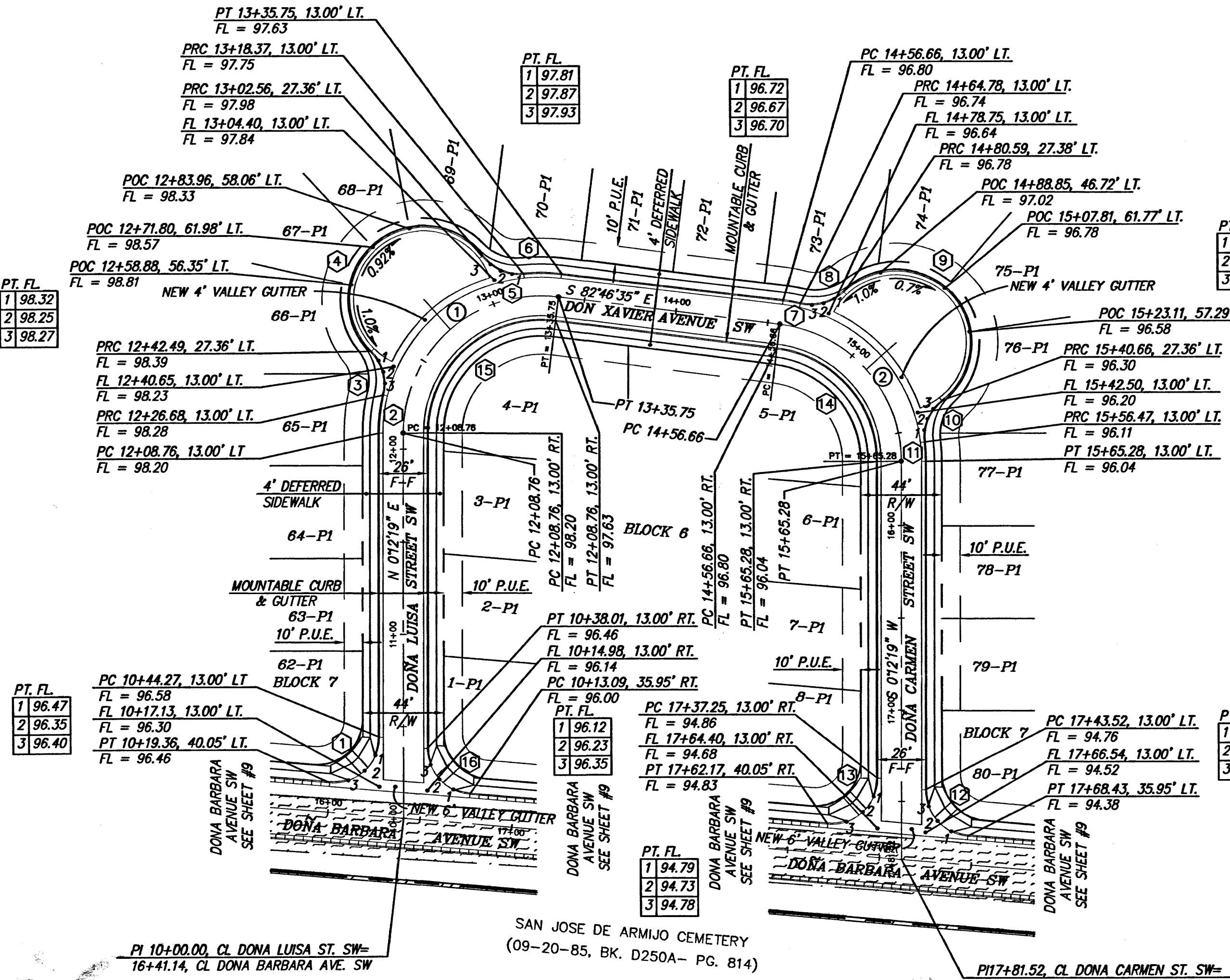
CITY PROJECT NO.	ZONE MAP NO.	SHEET	OF
#	#	10	22

A01051PDT/OFFSITE/10510FF-PP1 06-10-02 NHE

\\A010055\A1051\plans\1051-PP2.dwg, Model, 06/10/02 08:43:36 AM,
Mark Goodwin & Associates Plotted by NHE



NOTES									
1. ALL STATIONING IS CENTERLINE STATIONING.									
CURVE DATA - DESCRIBES CENTERLINE									
① Δ = 81°12'44" R = 75.00' T = 64.30' L = 106.31' ② Δ = 82°58'54" R = 75.00' T = 66.33' L = 108.62'									
CURVE DATA - DESCRIBES FACE OF NEW CURB									
① Δ = 75°7'44" R = 88.00' T = 6.12' L = 12.23' ② Δ = 59°07'04" R = 25.00' T = 14.18' L = 25.80' ③ Δ = 182°21'46" R = 35.00' T = N/A L = 111.40' ④ Δ = 59°07'04" R = 25.00' T = 14.18' L = 25.80' ⑤ Δ = 9°07'22" R = 88.00' T = 7.02' L = 14.01' ⑥ Δ = 59°07'04" R = 25.00' T = 14.18' L = 25.80' ⑦ Δ = 59°07'04" R = 25.00' T = 14.18' L = 25.80' ⑧ Δ = 182°21'46" R = 35.00' T = N/A L = 111.40' ⑨ Δ = 59°07'04" R = 25.00' T = 14.18' L = 25.80' ⑩ Δ = 8°00'15" R = 88.00' T = 6.16' L = 12.29' ⑪ Δ = 85°17'16" R = 25.00' T = 23.02' L = 37.21' ⑫ Δ = 94°42'44" R = 25.00' T = 27.15' L = 41.33' ⑬ Δ = 82°58'54" R = 62.00' T = 54.84' L = 89.79' ⑭ Δ = 81°12'44" R = 75.00' T = 64.30' L = 106.31'									
AS BUILT INFORMATION									
STATION 1+100 IS 4.5 MI. SW OF DOWNTOWN ALBUQUERQUE IN THE SE QUADRANT OF THE INTERSECTION OF UNTER BLVD. & SAGE RD. GO WEST 1.1 MI. FROM THE INTERSECTION OF SO. COOPER, ROSENDO, GARCIA RD. & SAGE RD. TO UNTER BLVD. STATION IS LOCATED 64' EAST FROM CL OF UNTER AND 66' SOUTH FROM CL OF SAGE. STATION IS STANDARD COA BRASS CAP SET IN CONCRETE 2' ABOVE GROUND AND STAMPED "1+100" X = 358,852.36, Y = 1,476,654.54 (NAD 1983) ELEV. = 5079.88 (SD 29).									
BENCH MARKS									
SURVEY INFORMATION									
FIELD NOTES									
NO. BY DATE									
ENGINEER'S SEAL									
MARKED D. HIGGINS REGISTERED PROFESSIONAL ENGINEER 1982A NEW MEXICO									
REMARKS									
REVISIONS									
DESIGNED BY JPH DATE 04/02									
DRAWN BY NHE DATE 04/02									
CHECKED BY DMG DATE 04/02									
CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT									
TITLE PUÑO DE TIERRA ESTATES UNITS 3 & 4 DONA ARCELIA/DON XAVIER/DON REYNALDO PAVING IMPROVEMENTS									
DESIGN REVIEW COMMITTEE CITY ENGINEER APPROVAL									
LAST DESIGN UPDATE									
MO./DAY/YR. MO./DAY/YR.									
CITY PROJECT NO. # ZONE MAP NO. M-10 SHEET 11 OF 22									



A1050PDT/PLANS/1051-PP3 6-10-02 NHE

NOTES

1. ALL STATIONING IS CENTERLINE STATIONING.

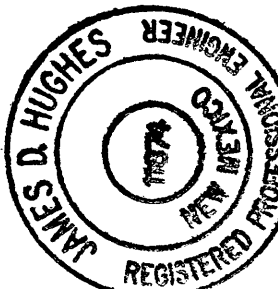
CURVE DATA - DESCRIBES CENTERLINE

① $\Delta = 97^{\circ}01'06''$ ② $\Delta = 82^{\circ}58'54''$
 $R = 75.00'$ $R = 75.00'$
 $T = 84.80'$ $T = 66.33'$
 $L = 127.00'$ $L = 108.62'$

CURVE DATA - DESCRIBES FACE OF NEW CURB

① $\Delta = 94^{\circ}42'44''$ $R = 25.00'$ $T = 27.15'$ $L = 41.33'$	② $\Delta = 13^{\circ}14'43''$ $R = 88.00'$ $T = 10.57'$ $L = 21.03'$	③ $\Delta = 58^{\circ}54'47''$ $R = 25.00'$ $T = 14.12'$ $L = 25.71'$
④ $\Delta = 187^{\circ}52'00''$ $R = 40.00'$ $T = 10.23'$ $L = 131.16'$	⑤ $\Delta = 58^{\circ}54'47''$ $R = 25.00'$ $T = 14.12'$ $L = 25.71'$	⑥ $\Delta = 137^{\circ}6'57''$ $R = 88.00'$ $T = 10.23'$ $L = 20.40'$
⑦ $\Delta = 61^{\circ}24'24''$ $R = 88.00'$ $T = 4.77'$ $L = 9.53'$	⑧ $\Delta = 58^{\circ}54'47''$ $R = 25.00'$ $T = 14.12'$ $L = 25.71'$	⑨ $\Delta = 187^{\circ}52'00''$ $R = 40.00'$ $T = N/A$ $L = 131.16'$
⑩ $\Delta = 58^{\circ}54'47''$ $R = 24.39'$ $T = 13.77'$ $L = 25.06'$	⑪ $\Delta = 64^{\circ}47'04''$ $R = 88.00'$ $T = 5.18'$ $L = 10.34'$	⑫ $\Delta = 85^{\circ}17'16''$ $R = 23.02'$ $T = 25.00'$ $L = 37.21'$
⑬ $\Delta = 94^{\circ}42'44''$ $R = 25.00'$ $T = 27.15'$ $L = 41.33'$	⑭ $\Delta = 82^{\circ}58'54''$ $R = 62.00'$ $T = 54.84'$ $L = 89.79'$	⑮ $\Delta = 97^{\circ}01'06''$ $R = 62.00'$ $T = 70.10'$ $L = 104.98'$
⑯ $\Delta = 85^{\circ}17'16''$ $R = 25.00'$ $T = 23.02'$ $L = 37.21'$		

SURVEY INFORMATION			BENCH MARKS		AS BUILT INFORMATION	
NO.	BY	FIELD NOTES	CONTRACTOR	WORK STATED BY	DATE	
		STATION "1-110" IS 4.5 MI. SW OF DOWNTOWN ALBUQUERQUE IN THE SE QUADRANT OF THE INTERSECTION OF UNSER BLVD. & SAGE RD.	INSPECTOR'S BY	DATE		
		GO WEST 1.1 MI. FROM THE INTERSECTION OF SO. COORS. ROSENWOOD	INSPECTOR'S BY	DATE		
		GARCIA RD. & SAGE RD. TO UNSER BLVD. STATION IS LOCATED 64'	INSPECTOR'S BY	DATE		
		EAST FROM CL. OF UNSER AND 66' SOUTH FROM CL. OF SAGE.	INSPECTOR'S BY	DATE		
		STATION IS STANDARD COA BRASS CAP SET IN CONCRETE. 2' ABOVE	INSPECTOR'S BY	DATE		
		GROUND AND STAMPED "1-110". X = 359,892.36, Y = 1,476,654.54,	INSPECTOR'S BY	DATE		
		(NAD 1927). FLEV = 5079.88 (SD 29).	INSPECTOR'S BY	DATE		

[illegible]

dmg MARK GOODWIN & ASSOCIATES, P.A.
CONSULTING ENGINEERS
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(505) 828-2200. FAX (505) 797-9539



CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT

TITLE ***PUNO DE TIERRA ESTATES UNITS 3 & 4***
DONA LUISA/DON XAVIER/ DONA CARMEN
PAVING IMPROVEMENTS

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	ST DESIGN UPDATE	MO./DAY/YR.	MO./DAY/YR.

CITY PROJECT NO.

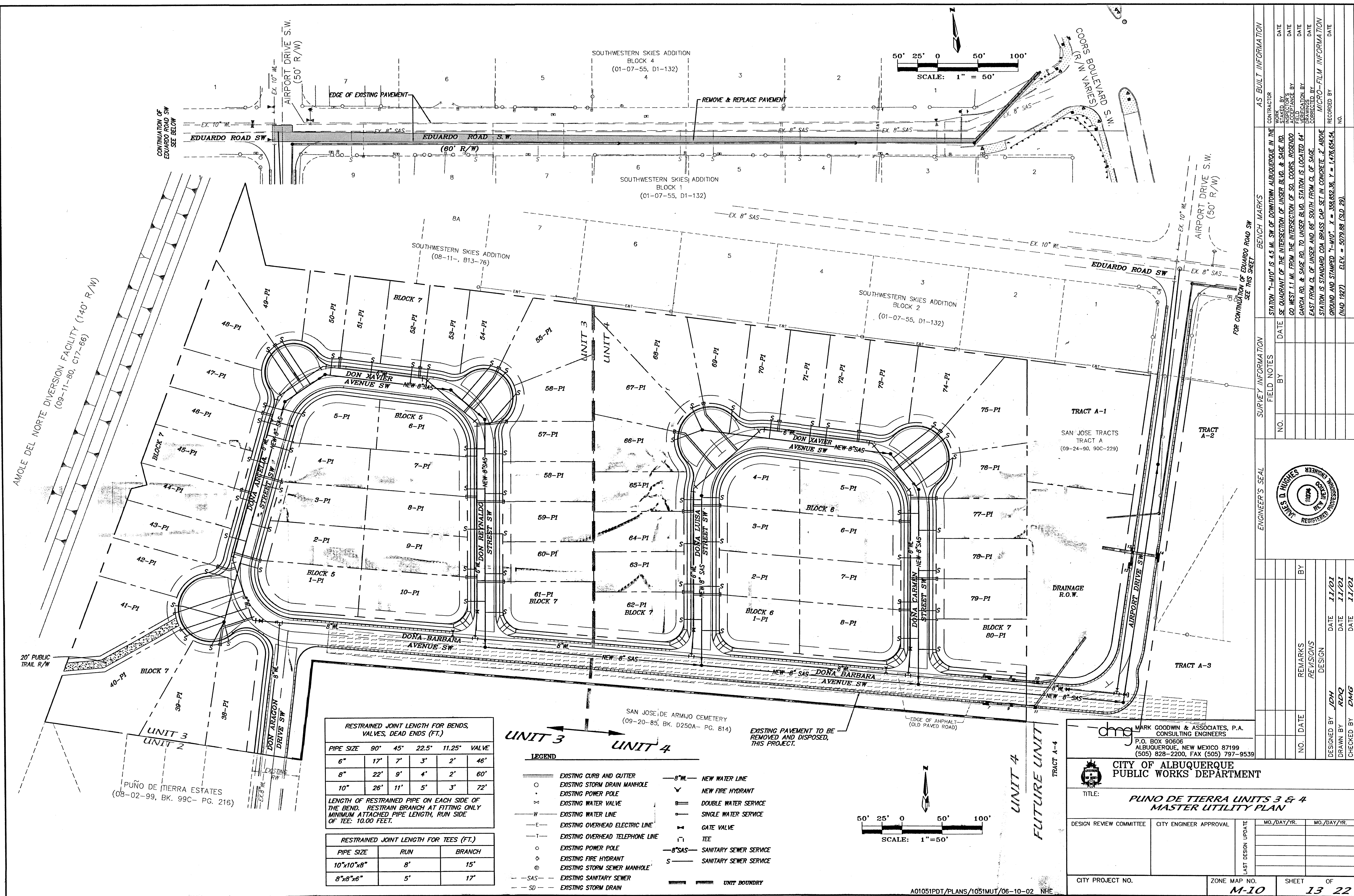
ZONE MAP NO.

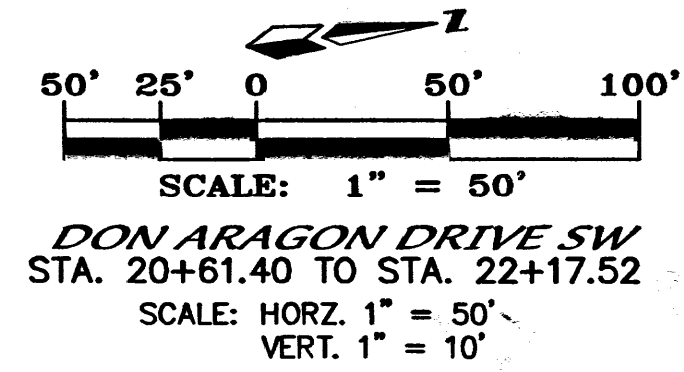
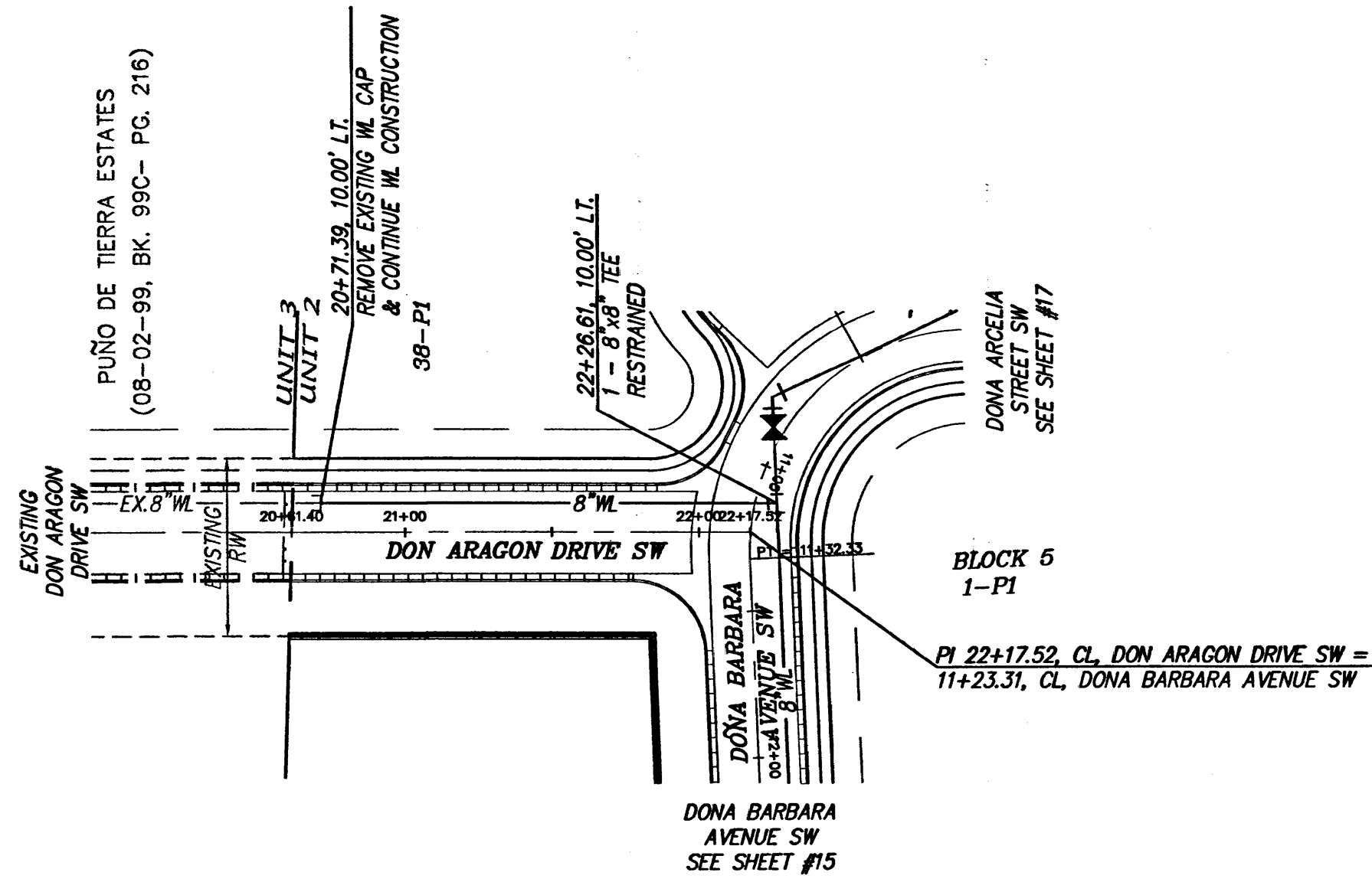
SHEET OF

井

M-10

122





4960 4970 4980 4990 5000 5010 5020

20+00 21+00 22+00 23+00

EXISTING GRADE @ CL

NEW 8' W

TOP = 98.81 ±

TOP = 98.40

3' MIN. COVER

NOTES

1. ALL STATIONING IS CENTERLINE STATIONING.

CURVE DATA - DESCRIBES FACE OF NEW CURB

$$\begin{array}{ll} \textcircled{1} \Delta = 6707'31'' & \textcircled{2} \Delta = 8750'31'' \\ R = 25.00' & R = 25.00' \\ T = 16.59' & T = 24.08' \\ L = 29.29' & L = 38.33' \end{array}$$

SURVEY INFORMATION			BENCH MARKS		AS BUILT INFORMATION	
NO.	BY	DATE	FIELD NOTES		CONTRACTOR	DATE
			STATION "1-410" IS 4.5 MI. SW. OF DOWNTOWN ALBUQUERQUE IN THE SE QUADRANT OF THE INTERSECTION OF UNSER BLVD. & SAUCE RD. GO WEST 1.1 MI. FROM THE INTERSECTION OF SQ. COOPS. ROSENDO CARCIN RD. & SAUCE RD. TO UNSER BLVD. STATION IS LOCATED 64' EAST FROM CL. OF UNSER AND 66' SOUTH FROM CL. OF SAUCE. STATION IS STANDARD COA. BRASS CAP SET IN CONCRETE. 2' ABOVE GROUND AND STAMPED "1-410". X = 358,862.36; Y = 1,476,654.54, (NAD 1927) ELEV. = 5079.88 (SLD 29).		WORK STATED BY ACCEPTANCE BY FIELD LOCATION BY DRAWINGS CORRECTED BY	DATE DATE DATE DATE DATE
					RECORDED BY NO.	DATE

[illegible]

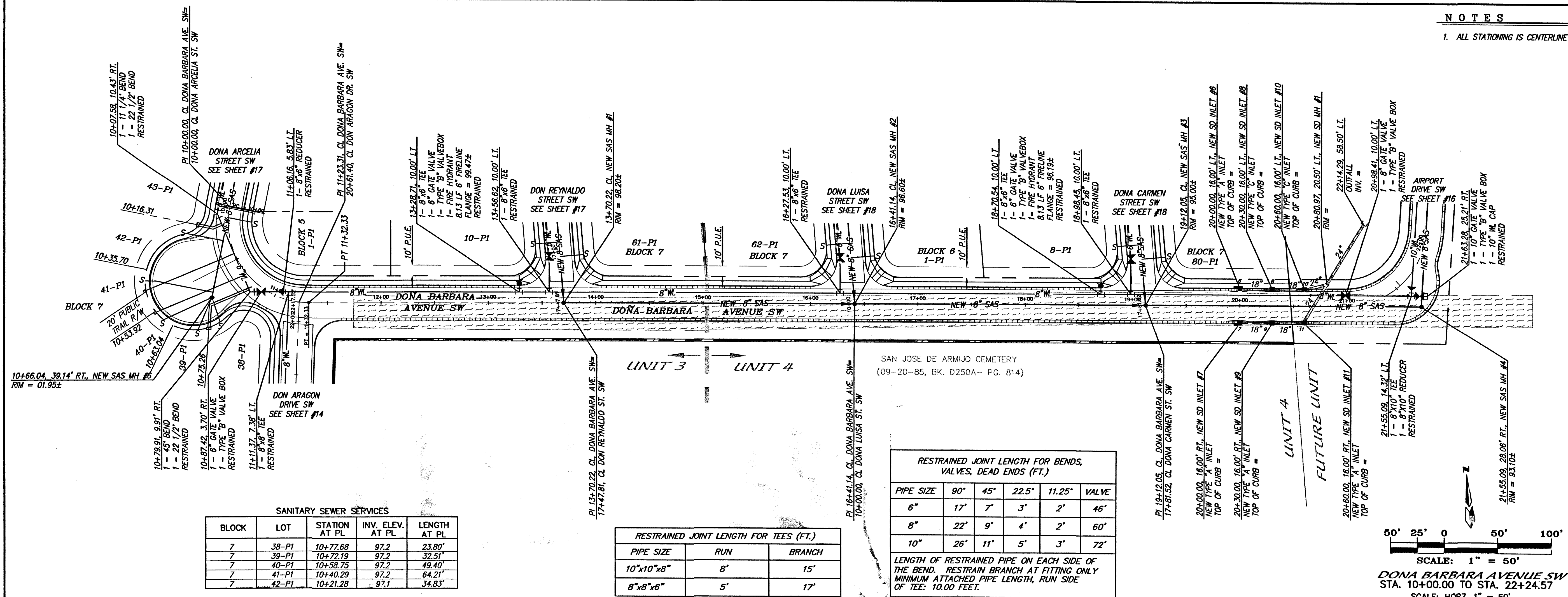
dmg MARK GOODWIN & ASSOCIATES, P.A.
CONSULTING ENGINEERS
P.O. BOX 90606
ALBUQUERQUE, NEW MEXICO 87199
(505) 828-2200, FAX (505) 797-9539

 CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT

TITLE ***PUNO DE TIERRA ESTATES UNITS 3 & 4
DON ARAGON
UTILITY IMPROVEMENTS***

[illegible]

CITY PROJECT NO.	ZONE MAP NO.	SHEET OF
#	M-10	14 22



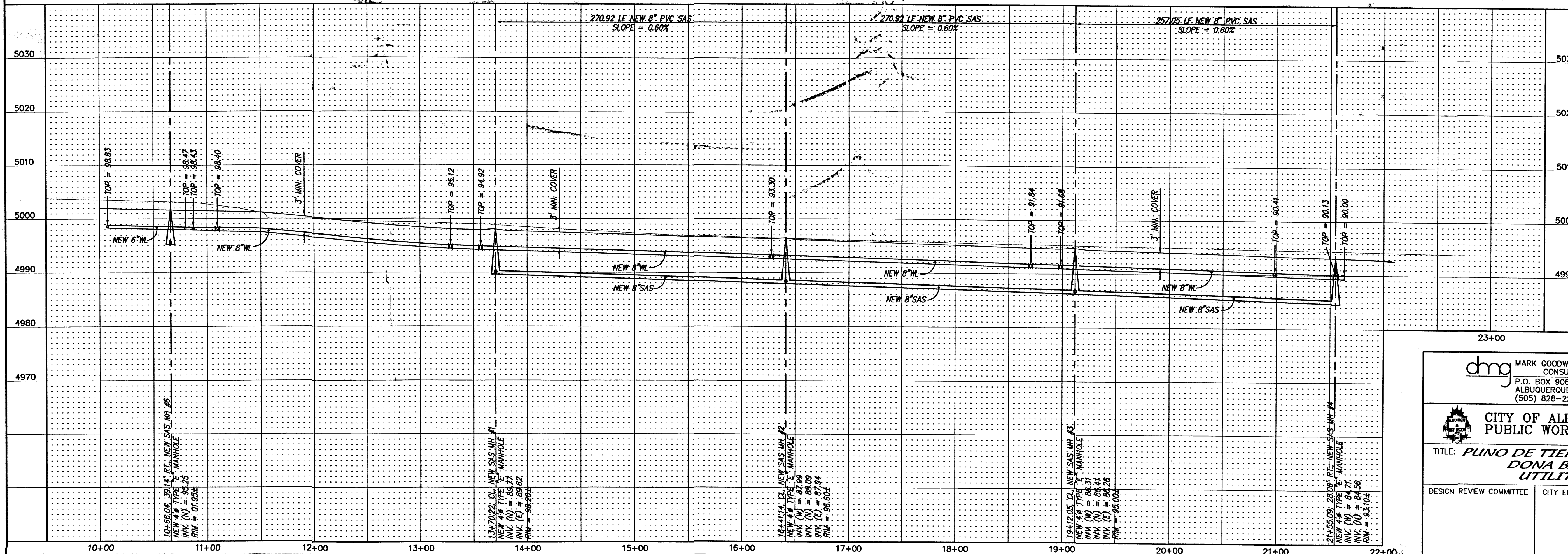
NOTES
1. ALL STATIONING IS CENTERLINE STATIONING.

SANITARY SEWER SERVICES				
BLOCK	LOT	STATION AT PL	INV. ELEV. AT PL	LENGTH AT PL
7	38-P1	10+77.68	97.2	23.80'
7	39-P1	10+72.19	97.2	32.51'
7	40-P1	10+58.75	97.2	49.40'
7	41-P1	10+40.29	97.2	64.21'
7	42-P1	10+21.28	97.1	34.83'

RESTRAINED JOINT LENGTH FOR TEES (FT.)		
PIPE SIZE	RUN	BRANCH
10"x10"x8"	8'	15'
8"x8"x6"	5'	17'

RESTRAINED JOINT LENGTH FOR BENDS, VALVES, DEAD ENDS (FT.)					
PIPE SIZE	90°	45°	22.5°	11.25°	VALVE
6"	17'	7'	3'	2'	46'
8"	22'	9'	4'	2'	60'
10"	26'	11'	5'	3'	72'

LENGTH OF RESTRAINED PIPE ON EACH SIDE OF THE BEND. RESTRAIN BRANCH AT FITTING ONLY MINIMUM ATTACHED PIPE LENGTH, RUN SIDE OF TEE: 10.00 FEET.



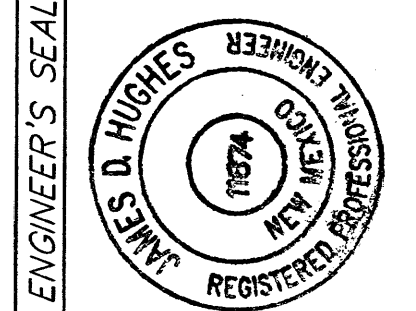
dmg MARK GOODWIN & ASSOCIATES, P.A.
CONSULTING ENGINEERS
P.O. BOX 90606
ALBUQUERQUE, NEW MEXICO 87199
(505) 828-2200, FAX (505) 797-9539

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT

TITLE: PUNO DE TIERRA ESTATES UNITS 3 & 4
DONA BARBARA AVENUE SW
UTILITY IMPROVEMENTS

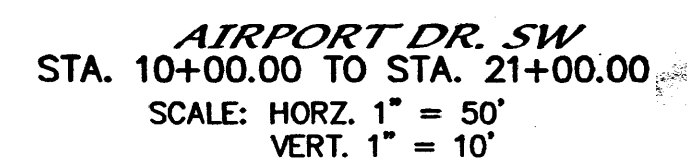
DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	LAST DESIGN UPDATE	MO./DAY/YR.	MO./DAY/YR.

CITY PROJECT NO. # ZONE MAP NO. SHEET OF
M-10 15 22

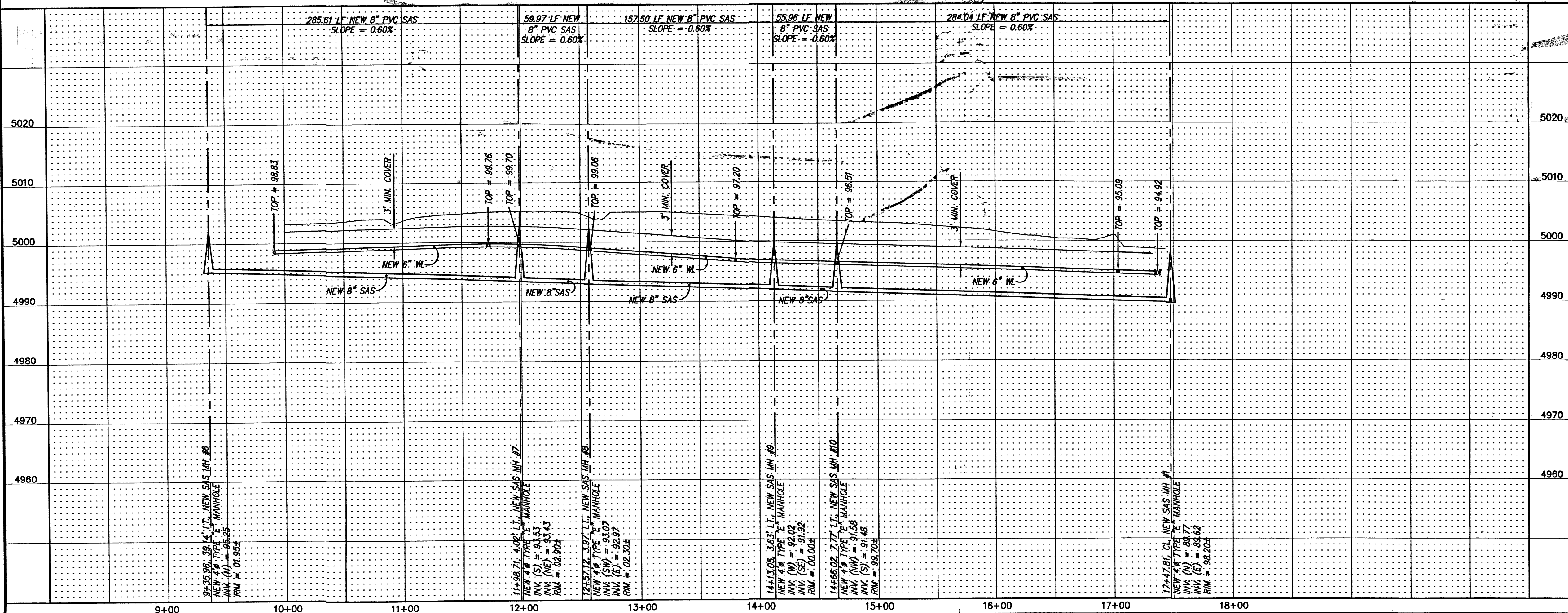
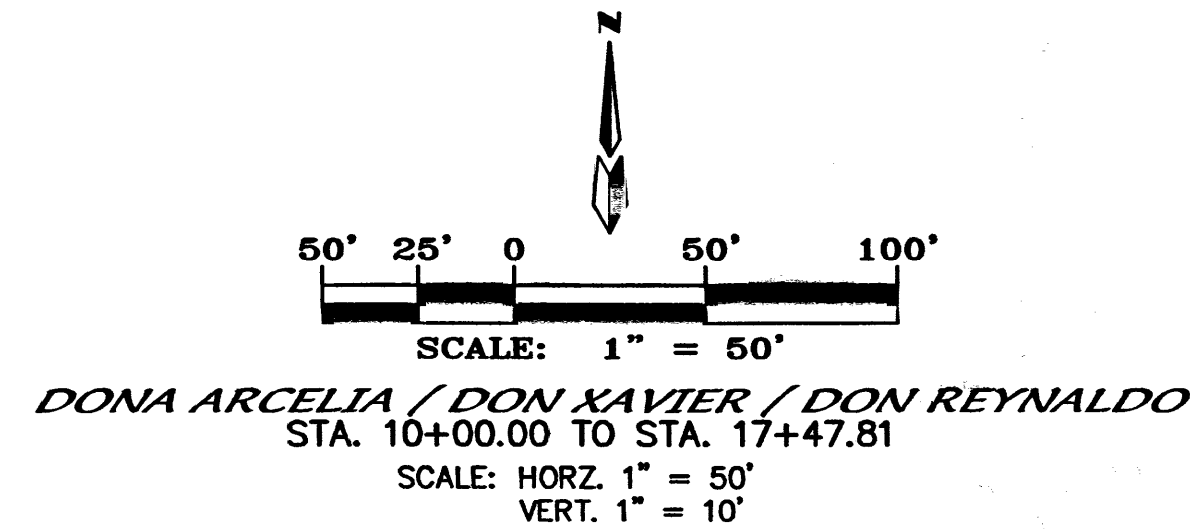
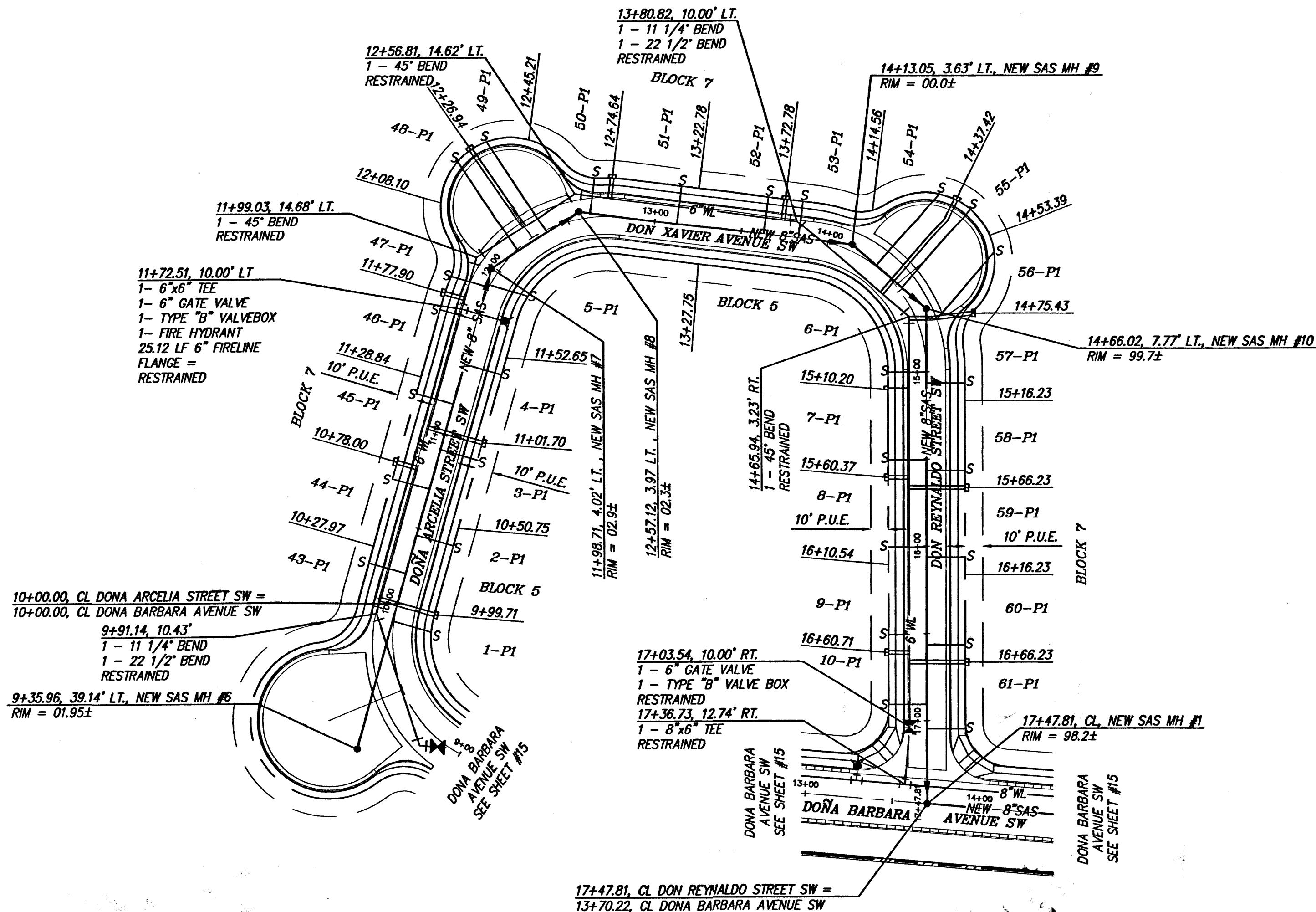


NO.	DATE	REVISIONS	BY

DESIGNED BY: DMG DATE: 04/02
DRAWN BY: NMM DATE: 04/02
CHECKED BY: DMG DATE: 04/02

[illegible]

NO. #	SHEET 16	OF 22
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NOTES

1. ALL STATIONING IS CENTERLINE STATIONING.

SANITARY SEWER SERVICES

BLOCK	LOT	STATION AT PL	INV. ELEV. AT PL	LENGTH AT PL
5	1-P1	9+85.48	97.3	22.93'
5	2-P1	10+40.56	97.5	22.00'
5	3-P1	10+91.51	97.7	22.00'
5	4-P1	11+42.46	98.1	22.00'
5	5-P1	11+96.65	98.1	24.30'
5	6-P1	15+00.17	93.7	22.00'
5	7-P1	15+60.34	93.5	22.00'
5	8-P1	16+10.51	93.1	22.00'
5	9-P1	16+50.68	92.8	22.00'
5	10-P1	16+90.77	92.6	22.00'
7	43-P1	10+17.97	96.6	22.00'
7	44-P1	10+68.00	96.8	22.00'
7	45-P1	11+18.84	97.1	22.00'
7	46-P1	11+68.84	97.3	21.91'
7	47-P1	11+85.67	97.3	20.96'
7	48-P1	12+21.41	98.0	62.44'
7	49-P1	12+32.46	98.0	62.82'
7	50-P1	12+66.86	96.3	20.47'
7	51-P1	13+12.78	95.6	22.00'
7	52-P1	13+62.78	94.8	22.00'
7	53-P1	13+82.78	94.6	22.00'
7	54-P1	14+32.14	95.3	55.32'
7	55-P1	14+42.89	95.3	60.27'
7	56-P1	14+58.75	95.0	49.90'
7	57-P1	15+06.23	94.6	22.00'
7	58-P1	15+56.23	94.3	22.00'
7	59-P1	16+06.23	94.0	22.00'
7	60-P1	16+56.23	93.7	22.00'
7	61-P1	17+04.47	93.5	22.00'

CONTRACTOR		INSPECTOR'S		MICRO-FILM INFORMATION	
DATE	DATE	DATE	DATE	DATE	DATE
NO.	BY	NO.	BY	NO.	BY
STATION 1+100" IS 4.5 MI. SW OF DOWNTOWN ALBUQUERQUE IN THE SE QUADRANT OF THE INTERSECTION OF UNTER BLVD. & SAGE RD.		GO WEST 1.1 MI. FROM THE INTERSECTION OF SO. COORS. ROSEWOOD GARCIA RD. & SAGE RD. TO UNTER BLVD. STATION IS LOCATED 64' EAST FROM CL OF UNTER AND 66' SOUTH FROM CL OF SAGE.		STATION IS STANDARD COA BRASS CAP SET IN CONCRETE. 2' ABOVE GROUND AND STAMPED 1-M10, X = 359,692.36, Y = 1,478,654.54, (NAD 1927) ELEV. = 5079.68 (S.D. 29).	

RESTRAINED JOINT LENGTH FOR BENDS, VALVES, DEAD ENDS (FT.)					
PIPE SIZE	90°	45°	22.5°	11.25°	VALVE
6"	17'	7'	3'	2'	46'
8"	22'	9'	4'	2'	60'
10"	26'	11'	5'	3'	72'

LENGTH OF RESTRAINED PIPE ON EACH SIDE OF THE BEND. RESTRAIN BRANCH AT FITTING ONLY MINIMUM ATTACHED PIPE LENGTH, RUN SIDE OF TEE: 10.00 FEET.

RESTRAINED JOINT LENGTH FOR TEES (FT.)		
PIPE SIZE	RUN	BRANCH
10"x10"x8"	8'	15'
8"x8"x6"	5'	17'

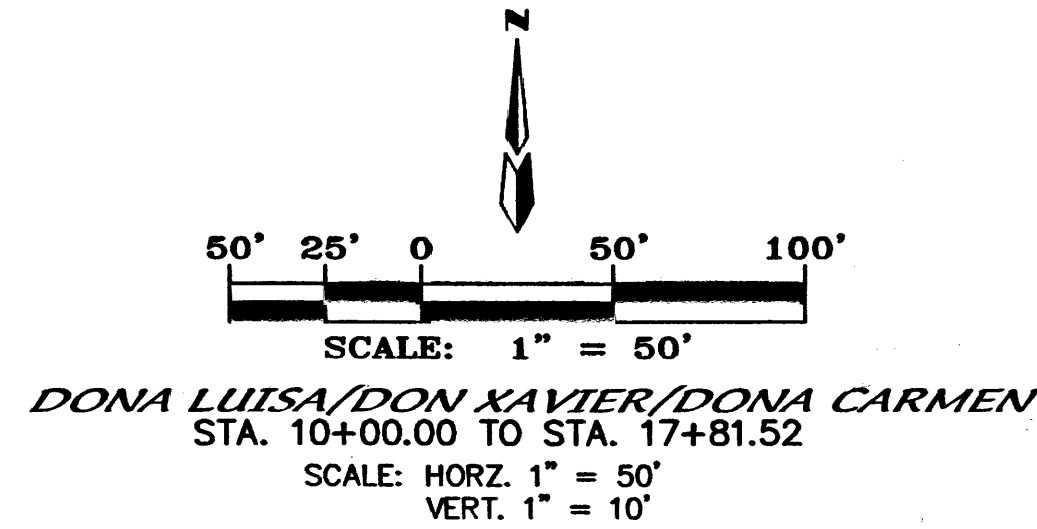
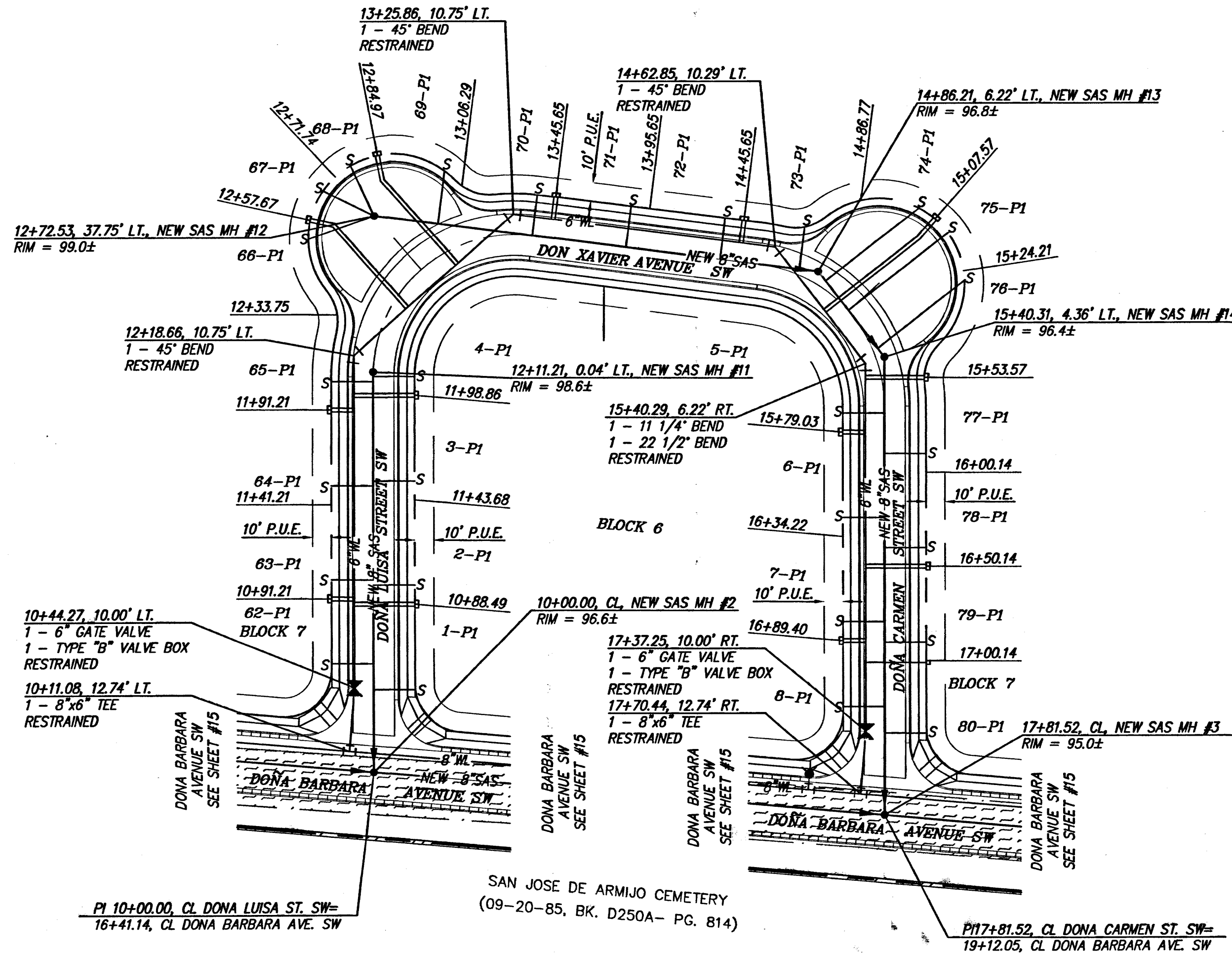
dmg MARK GOODWIN & ASSOCIATES, P.A.
CONSULTING ENGINEERS
P.O. BOX 90606
ALBUQUERQUE, NEW MEXICO 87199
(505) 828-2200, FAX (505) 797-9539

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT

TITLE **PUNO DE TIERRA ESTATES UNITS 3 & 4**
DONA ARCELIA/DON XAVIER/DON REYNALDO
UTILITY IMPROVEMENTS

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	MO./DAY/YR.	MO./DAY/YR.

CITY PROJECT NO. # ZONE MAP NO. **M-10** SHEET OF **17 22**



NOTES

1. ALL STATIONING IS CENTERLINE STATIONING.

SANITARY SEWER SERVICES

BLOCK	LOT	STATION AT PL	INV. ELEV. AT PL	LENGTH AT PL
6	1-P1	10+43.34	92.0	22.00'
6	2-P1	10+98.53	92.5	22.00'
6	3-P1	11+53.71	93.1	22.00'
6	4-P1	12+08.76	93.4	22.00'
6	5-P1	15+69.00	91.3	22.00'
6	6-P1	16+24.18	91.0	22.00'
6	7-P1	16+79.37	90.7	22.00'
6	8-P1	17+24.47	90.4	22.00'
7	62-P1	10+57.05	91.1	22.00'
7	63-P1	11+01.21	91.5	22.00'
7	64-P1	11+51.21	92.1	22.00'
7	65-P1	12+06.21	92.4	22.00'
7	66-P1	12+52.75	94.2	36.72'
7	67-P1	12+66.47	94.2	30.30'
7	68-P1	12+77.06	93.9	29.69'
7	69-P1	13+01.97	93.4	28.60'
7	70-P1	13+35.75	92.0	22.00'
7	71-P1	13+85.65	91.7	22.00'
7	72-P1	14+65.65	91.3	22.00'
7	73-P1	14+72.69	91.1	22.56'
7	74-P1	15+02.19	92.2	62.75'
7	75-P1	15+12.89	92.2	66.89'
7	76-P1	15+26.77	92.0	58.44'
7	77-P1	15+90.14	91.6	22.00'
7	78-P1	16+40.14	91.3	22.00'
7	79-P1	16+90.14	91.0	22.00'
7	80-P1	17+38.20	90.6	22.00'

AS BUILT INFORMATION

CONTRACTOR	DATE
STAKED BY	DATE
INSPECTOR'S FIELD VERIFICATION BY	DATE
FIELD CORRECTED BY	DATE
MICRO-FILM INFORMATION	DATE
RECORDED BY	DATE
NO.	DATE

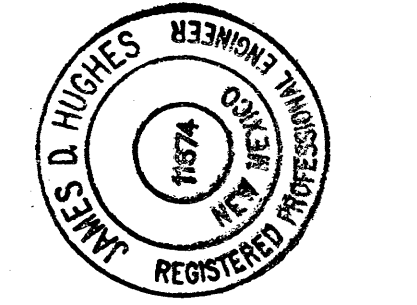
BENCH MARKS

STATION	1-MINUTE	IS 4.5 MI. SW OF DOWNTOWN ALBUQUERQUE IN THE SE QUADRANT OF THE INTERSECTION OF UNTER BLVD. & SAGE RD.	DATE
60	WEST 1.1 MI. FROM THE INTERSECTION OF SO. COOPER, ROSENWOOD, GARCIA RD. & SAGE RD. TO UNTER BLVD. STATION IS LOCATED 64' EAST FROM CL OF UNTER AND 68' SOUTH FROM CL OF SAGE.	DATE	
STATION IS STANDARD COA BRASS CAP SET IN CONCRETE. 2' ABOVE GROUND AND STAMPED "1-MINUT. X = 358,852.36, Y = 1,476,654.54 (NAD 1983) ELEV. = 5079.88 (SLD 29).	DATE		

SURVEY INFORMATION

FIELD NOTES	DATE
BY	DATE
NO.	DATE

ENGINEER'S SEAL



RESTRAINED JOINT LENGTH FOR BENDS, VALVES, DEAD ENDS (FT.)					
PIPE SIZE	90°	45°	22.5°	11.25°	VALVE
6"	17'	7'	3'	2'	46'
8"	22'	9'	4'	2'	60'
10"	26'	11'	5'	3'	72'
LENGTH OF RESTRAINED PIPE ON EACH SIDE OF THE BEND. RESTRAIN BRANCH AT FITTING ONLY MINIMUM ATTACHED PIPE LENGTH, RUN SIDE OF TEE: 10.00 FEET.					
RESTRAINED JOINT LENGTH FOR TEES (FT.)					
PIPE SIZE	RUN		BRANCH		
10"x10"x8"	8'		15'		
8"x8"x6"	5'		17'		

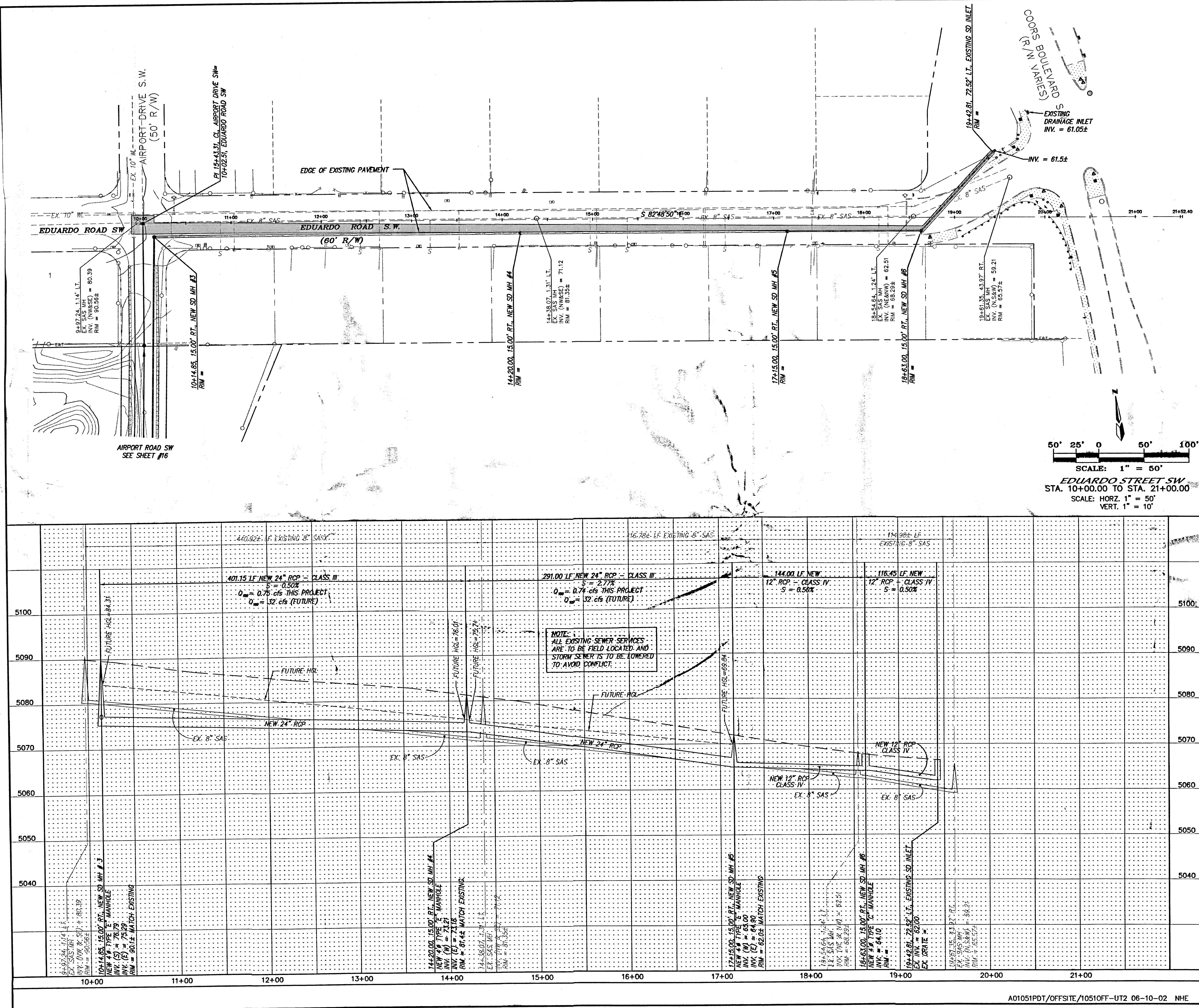
dmg MARK GOODWIN & ASSOCIATES, P.A.
CONSULTING ENGINEERS
P.O. BOX 90606
ALBUQUERQUE, NEW MEXICO 87199
(505) 828-2200, FAX (505) 797-9539

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT

TITLE: **PUENO DE TIERRA ESTATES UNITS 3 & 4**
DONA LUISA/DON XAVIER/DONA CARMEN
PAVING IMPROVEMENTS

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL
MO./DAY/YR.	MO./DAY/YR.
MO./DAY/YR.	MO./DAY/YR.
MO./DAY/YR.	MO./DAY/YR.
MO./DAY/YR.	MO./DAY/YR.

CITY PROJECT NO. # ZONE MAP NO. # SHEET OF #



NOTES

1. ALL STATIONING IS CENTERLINE STATIONING.

AS BUILT INFORMATION

CONTRACTOR

STATION 1+100" IS 4.5 MI. SW OF DOWNTOWN ALBUQUERQUE IN THE SE QUADRANT OF THE INTERSECTION OF UNSER BLVD. & SAGE RD. GO WEST 1.1 MI. FROM THE INTERSECTION OF SD. COORS. ROSENDO GARCIA RD. & SAGE RD. TO UNSER BLVD. STATION IS LOCATED 64' EAST FROM CL. OF UNSER AND 66' SOUTH FROM CL. OF SAGE. STATION IS STANDARD COA BRASS CAP SET IN CONCRETE 2' ABOVE GROUND AND STAMPED "1-MIO". X = 598,882.36, Y = 1,478,654.54 (NAD 1927) ELEV = 5079.88 (SLD 29).

SURVEY INFORMATION

FIELD NOTES

NO. DATE BY

ENGINEER'S SEAL

JAMES D. HUGHES
REGISTERED PROFESSIONAL ENGINEER
NEW MEXICO
1974

REVISIONS

NO. DATE BY

DESIGN

DATE 05/02

DRAWN BY NHE

DATE 05/02

CHECKED BY DMG

DATE 05/02

dmg

MARK GOODWIN & ASSOCIATES, P.A.
CONSULTING ENGINEERS
P.O. BOX 90606
ALBUQUERQUE, NEW MEXICO 87199
(505) 828-2200, FAX (505) 797-9539

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT

TITLE: PUNO DE TIERRA UNITS 3 & 4
EDUARDO STREET SW
UTILITY IMPROVEMENTS

DESIGN REVIEW COMMITTEE

CITY ENGINEER APPROVAL

LAST DESIGN UPDATE

MO./DAY/YR.

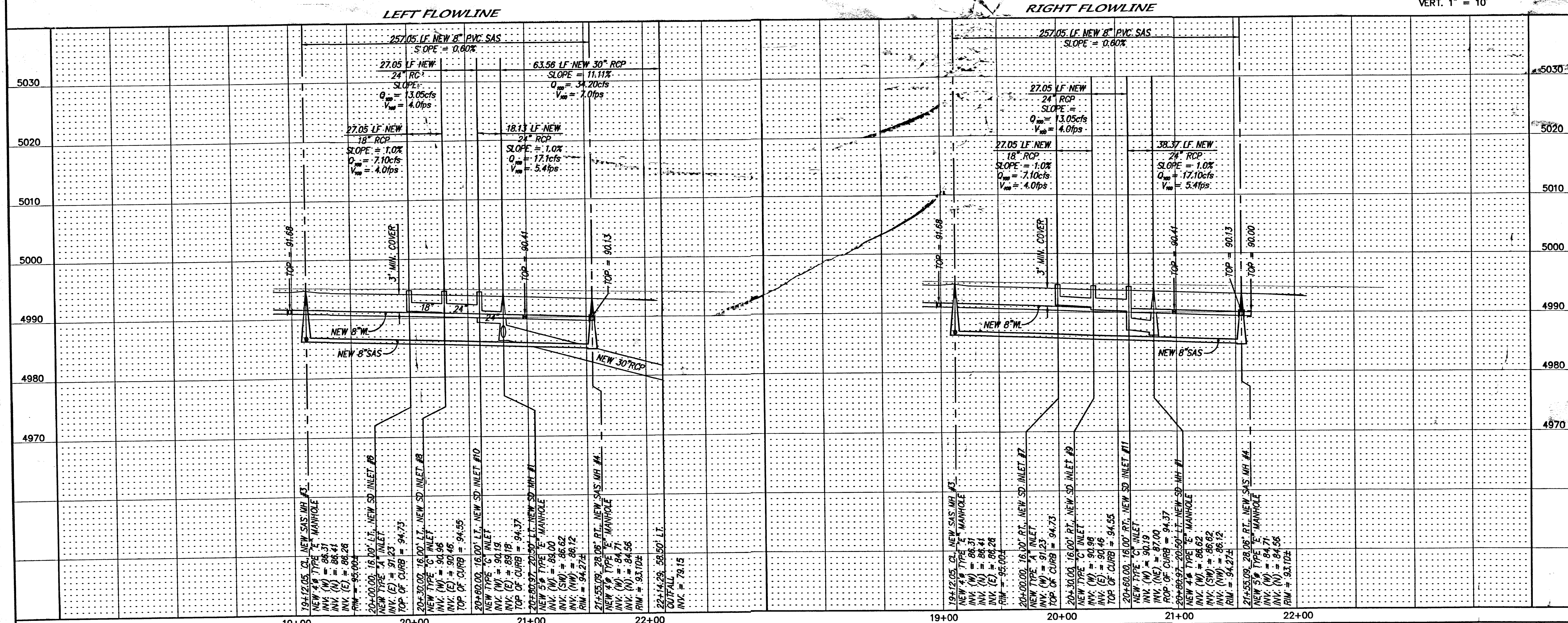
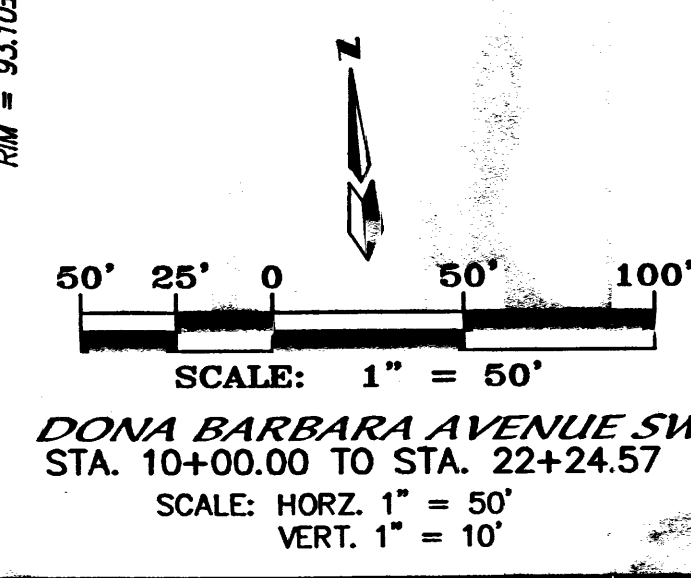
MO./DAY/YR.

CITY PROJECT NO. #

ZONE MAP NO. #

SHEET 19 OF 22

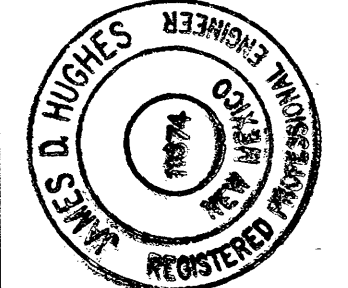
RESTRAINED JOINT LENGTH FOR TEES (FT.)		
PIPE SIZE	RUN	BRANCH
10"x10"x8"	8'	15'
8"x8"x6"	5'	17'



NOTES

1. ALL STATIONING IS CENTERLINE STATIONING.

SURVEY INFORMATION			BENCH MARKS		AS BUILT INFORMATION	
FIELD NOTES						
NO.	BY	DATE			CONTRACTOR	DATE
			STATION "1-MIO" IS 4.3 MI. SW. OF DOWNTOWN ALBUQUERQUE IN THE SE QUADRANT OF THE INTERSECTION OF UNSER BLVD. & SAGE RD.		WORK ORDER BY	DATE
			GO WEST 1.1 MI. FROM THE INTERSECTION OF SD. COORS. ROSENDO GARCIA RD. & SAGE RD. TO UNSER BLVD. STATION IS LOCATED 64'		INSPECTOR'S ACCEPTANCE BY	DATE
			EAST FROM CL. OF UNSER AND 66' SOUTH FROM CL. OF SAGE.		FIELD VERIFICATION BY	DATE
			STATION IS STANDARD COIL BRASS CAP SET IN CONCRETE .2' ABOVE GROUND AND STAMPED "1-MIO". X = 359,852.36, Y = 1,476,654.54, (NAD 1927) ELEV. = 5079.68 (SLD 29).		DRAWINGS CORRECTED BY	DATE
					MICRO-FILM INFORMATION	
					RECORDED BY	DATE
					NO.	



DESIGNED BY	DATE	04/02
DRAWN BY	DATE	04/02
CHECKED BY	DATE	04/02
DESIGN		
REVISIONS		
NO.	DATE	REMARKS
BY		

dmg MARK GOODWIN & ASSOCIATES, P.A.
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ALBUQUERQUE, NEW MEXICO 87199
(505) 828-2200. FAX (505) 797-9539

 CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
4980

TITLE: ***PUNO DE TIERRA ESTATES UNITS 3 & 4
DONA BARBARA AVENUE SW
STORM DRAIN IMPROVEMENTS***

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	LAST DESIGN UPDATE	MO./DAY/YR.	MO./DAY/YR.

CITY PROJECT NO.	ZONE MAP NO.	SHEET	OF
#	M-10	20	22

6/19/02

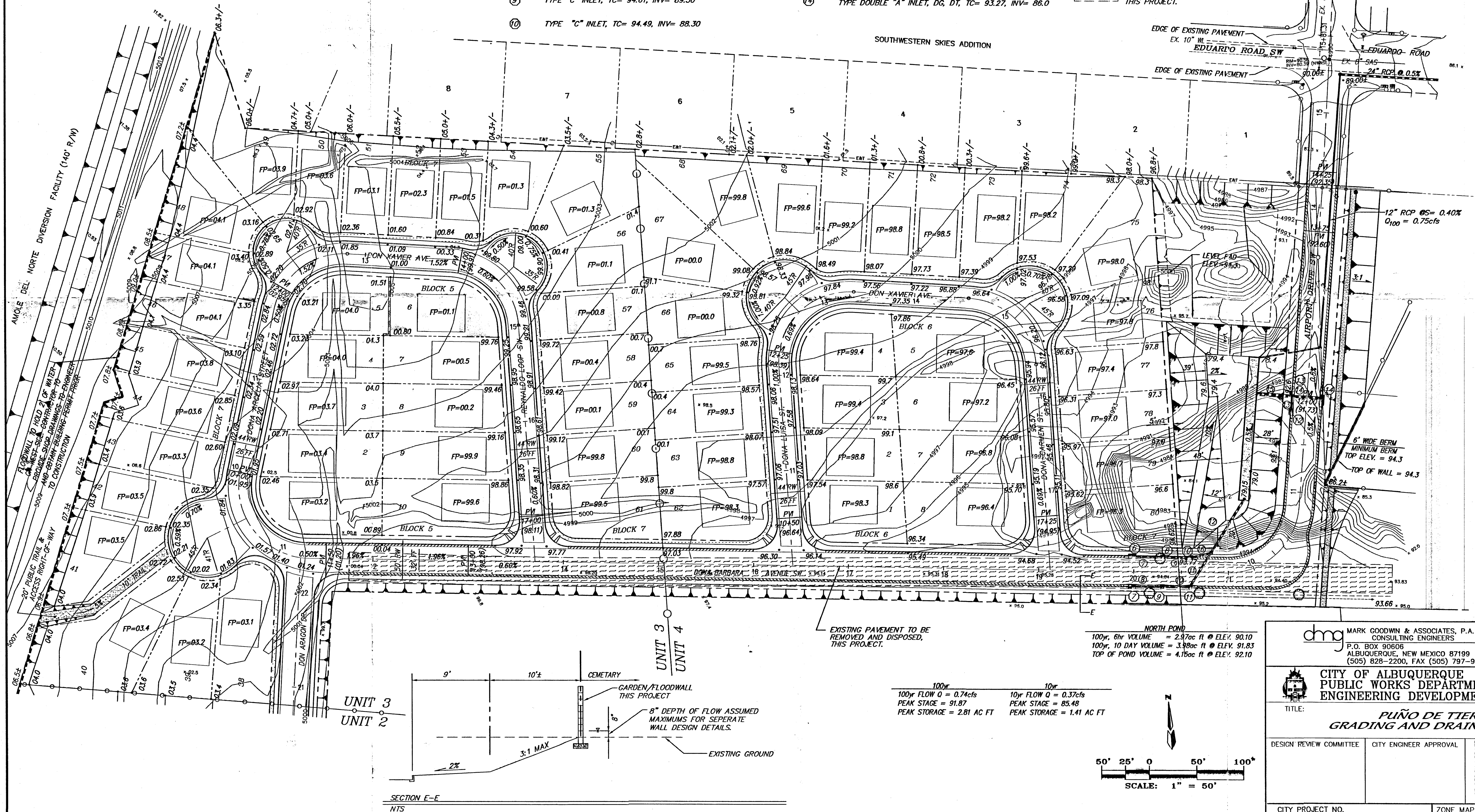


VICINITY MAP ZONE MAP: M-10

LEGEND

- | | | | |
|---|---|--|---|
| ⑦ 27.05 LF. 18" RCP @ S=1.0%
Q _{max} = 7.10cfs Qcapacity= 10.5cfs
V _{max} = 4.0fps | ⑩ 27.05 LF. 24" RCP @ S=1.0%
Q _{max} = 13.05cfs Qcapacity= 22.6cfs
V _{max} = 4.0fps | ⑬ 12 LF. 24" RCP @ S=1.0%
Q _{max} = 19.56cfs Qcapacity= 22.6cfs
V _{max} = 6.2fps | ⑯ 18.13 LF. 24" RCP @ S=1.0%
Q _{max} = 17.10cfs Qcapacity= 22.6cfs
V _{max} = 5.4fps |
| ⑧ 27.05 LF. 18" RCP @ S=1.0%
Q _{max} = 7.10cfs Qcapacity= 10.5cfs
V _{max} = 4.0fps | ⑪ 38.37 LF. 24" RCP @ S=1.0%
Q _{max} = 17.10cfs Qcapacity= 22.6cfs
V _{max} = 5.4fps | ⑭ 28 LF. 30" RCP @ S=1.0%
Q _{max} = 39.12cfs Qcapacity= 41.0cfs
V _{max} = 8.0fps | |
| ⑨ 27.05 LF. 24" RCP @ S=1.0%
Q _{max} = 13.05cfs Qcapacity= 22.6cfs
V _{max} = 4.0fps | ⑫ 63.56 LF. 30" RCP @ S=1.0%
Q _{max} = 34.20cfs Qcapacity= 41.0cfs
V _{max} = 7.0fps | ⑮ 36.5 LF. 36" RCP @ S=1.0%
Q _{max} = 58.68cfs Qcapacity= 66.7cfs
V _{max} = 8.3fps | |
-
- | | |
|---|---|
| ⑥ TYPE "A" INLET TC= 94.73, INV= 90.00 | ⑪ TYPE "A" INLET, TC= 94.49, INV= 89.10 |
| ⑦ TYPE "A", INLET TC= 94.72, INV= 90.00 | ⑫ TYPE DOUBLE "A" INLET, DG, ST, TC= 93.33, INV= 84.5 |
| ⑧ TYPE "C" INLET TC= 94.61, INV= 89.30 | ⑬ TYPE DOUBLE "A" INLET, DG, ST, TC= 93.27, INV= 85.2 |
| ⑨ TYPE "C" INLET, TC= 94.61, INV= 89.30 | ⑭ TYPE DOUBLE "A" INLET, DG, DT, TC= 93.27, INV= 86.0 |
| ⑩ TYPE "C" INLET, TC= 94.49, INV= 88.30 | |

- | | |
|---|---|
| ARTERIAL PAVEMENT | MOUNTABLE CURB & GUTTER |
| TEMPORARY PAVEMENT | STANDARD 8" CURB & GUTTER |
| EXISTING PAVEMENT | NEW STORM DRAIN LINE |
| NEW SIDEWALK CONSTRUCTED THIS PROJECT | TRACT/LOT BOUNDARY |
| DEFERRED SIDEWALKS | RIGHT OF WAY |
| NEW RETAINING WALLS OVER 18" | EASEMENTS |
| EXISTING PAVEMENT TO BE REMOVED AND DISPOSED THIS PROJECT | PROPERTY LINE |
| | HANDICAP RAMPS PER COA DWG #2418 THIS PROJECT |
| | EXISTING OVERHEAD ELECTRIC LINE |
| | EXISTING OVERHEAD TELEPHONE LINE |
| | EXISTING POWER POLE |
| | EXISTING STORM SEWER MANHOLE |



AS BUILT INFORMATION			
CONTRACTOR	DATE	BY	NO.
STATION 3+100 IS LOCATED 4.5 MILES NW OF DOWNTOWN SW OF LADERA & GOLF COURSE TO REACH STATION FROM INTERSECTION OF I-40 & UNTER BLVD. GO NORTH ON UNTER BLVD. TO LADERA DR. THE STATION IS NE OF THE INTERSECTION. THE STATION MARK IS A STANDARD 45 BRASS CAP STAMPED "3+100" SET FLUSH IN THE CONCRETE SURFACE OF THE SPILLWAY. X=566,889.72, Y=1,033,922.98 (NAD 1983) ELEV=5,193.38 (NGVD29)			

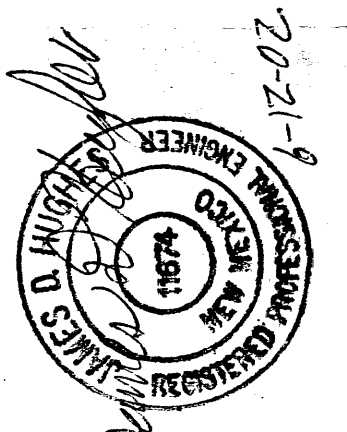
SURVEY INFORMATION			
FIELD NOTES	DATE	BY	NO.

ENGINEER'S SEAL			
NO.	DATE	REVISIONS	BY

DESIGNED BY			
DATE	DATE	DATE	DATE

CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING DEVELOPMENT GROUP			
TITLE: PUÑO DE TIERRA GRADING AND DRAINAGE PLAN			
DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	MO./DAY/YR.	MO./DAY/YR.

CITY PROJECT NO.		ZONE MAP NO.		SHEET	
		M-10		5 OF 22	



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CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE: PUÑO DE TIERRA
GRADING AND DRAINAGE PLAN

DESIGN REVIEW COMMITTEE CITY ENGINEER APPROVAL

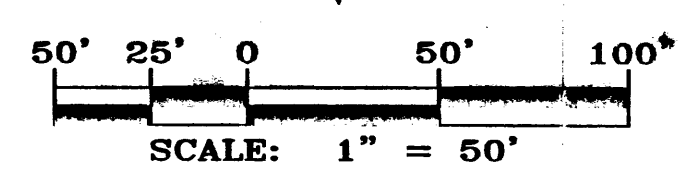
MO./DAY/YR. MO./DAY/YR.

CITY PROJECT NO. ZONE MAP NO.

SHEET 5 OF 22

100yr FLOW Q = 0.74cfs
PEAK STAGE = 91.87
PEAK STORAGE = 2.81 AC FT

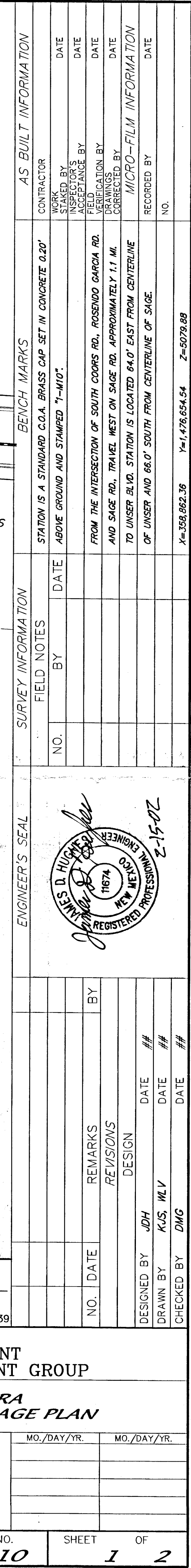
10yr FLOW Q = 0.37cfs
PEAK STAGE = 85.48
PEAK STORAGE = 1.41 AC FT



SECTION E-E
NTS



-  MOUNTABLE CURB & GUTTER
 STANDARD 8" CURB & GUTTER
 NEW STORM DRAIN LINE
 TRACT/LOT BOUNDARY
 RIGHT OF WAY
 EASEMENTS
 PROPERTY LINE
 HANDICAP RAMPS PER COA
 DWG. #2418 THIS PROJECT.
 EXISTING OVERHEAD ELECTRIC LINE
 EXISTING OVERHEAD TELEPHONE LINE
 EXISTING POWER POLE
 EXISTING STORM SEWER MANHOLE

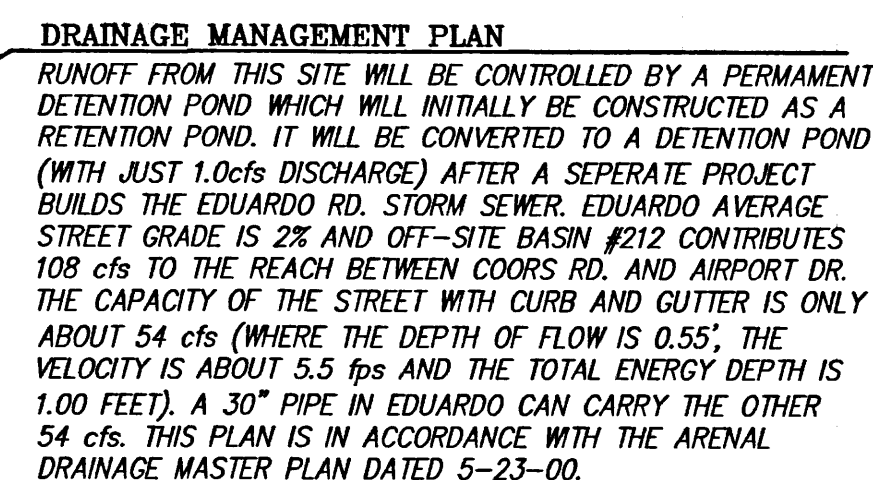


LAST DESIGN UPDATE	MO./DAY/YR.	MO./DAY/YR.
NO	SHEET	OF

¹⁹ FLOW DEPTHS ARE TAKEN FROM PLATE 22.3 D-1 OF THE DPM AND REDUCED BY 3/4" TOR ROLL CURB TYPES TO ACCOUNT FOR THE DIFFERENCE IN FLOW DEPRESSION. ALLOWABLE DEPTHS MAY NOT EXCEED CURB HEIGHTS WHICH ARE 0.33' FOR ROLL CURB AND GUTTER AND 0.67" FOR STANDARD CURB AND GUTTER.

²⁰ ENERGY DEPTH IS CALCULATED AS FLOW DEPTH PLUS ENERGY HEAD. ALLOWABLE DEPTHS ARE 0.87"

²¹ SPREAD OF WATER FOR 10 YEAR FLOW IN ARENAL IS 11.75' ALLOWING 0.125" ACROSS FIRST 2' FROM CURB FACE, 0.15" GUTTER AND 0.195" RISE ACROSS THE NEXT 9.75'. 1.20' MEETS DPM CRITERIA FOR ARTERIAL STREETS LEAVING MORE THAN ONE OF THE TWO LANES OPEN.



NORTH POND

100 yr, 6hr VOLUME= 2.97 ac. ft. @ ELEV. 90.10
100 yr 10 day VOLUME= 3.98 ac. ft. @ ELEV 91.83
TOP OF POND VOLUME= 4.15 ac. ft. @ ELEV 92.10
TEMPORARY ON SITE RETENTION POND
 $V_{\text{pond}} = 1.244 + 2.740 = 3.984 \text{ ac.ft.}$

LEGEND

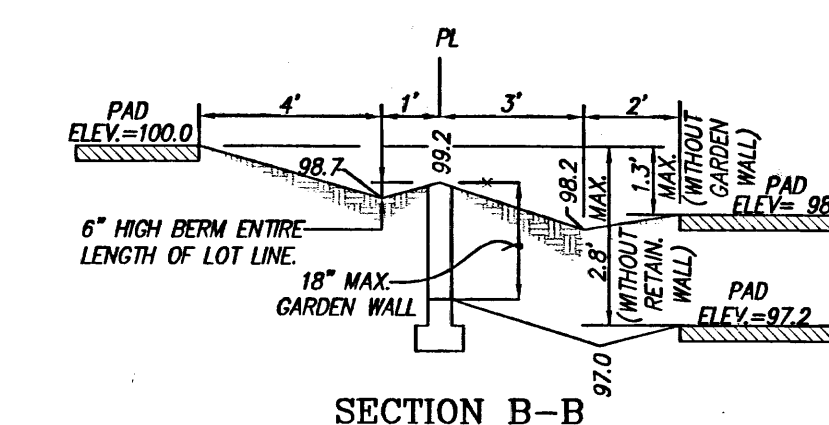
----- DRAINAGE AREA BOUNDARY

○—○—○— UNIT BOUNDARY

I DRAINAGE AREA ID'S

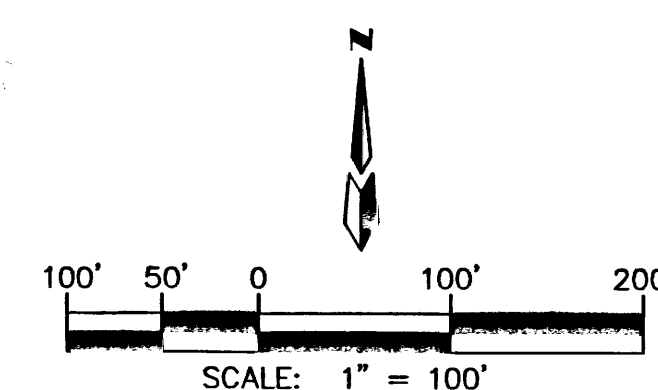
NOTES

1. CONTRACTOR MUST OBTAIN A TOPSOIL DISTURBANCE PERMIT FROM THE ENVIRONMENTAL HEALTH DIVISION PRIOR TO CONSTRUCTION.
2. CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, LATEST EDITION SHALL GOVERN ALL WORK.
3. THE CONTRACTOR SHALL CONFORM TO ALL CITY, COUNTY, STATE AND FEDERAL DUST CONTROL MEASURES AND REQUIREMENTS AND WILL BE RESPONSIBLE FOR PREPARING AND OBTAINING ALL NECESSARY APPLICATIONS AND APPROVALS.
4. THE CONTRACTOR SHALL ENSURE THAT NO SOIL ERODES FROM THE LOTS INTO PUBLIC RIGHT-OF-WAY. THIS CAN BE ACHIEVED BY CONSTRUCTING TEMPORARY BERM'S AS PER DIT, THIS SHIT, AND METTING THE SOIL TO KEEP IT FROM BLOWING.
5. THE EARTHWORK CONTRACTOR SHALL STOCKPILE ENOUGH MATERIAL ADJACENT TO RETAINING WALL LOCATIONS TO BE UTILIZED FOR WALL BACKFILL.
6. ALL STREET ELEVATIONS SHOWN ARE FINISHED FLOWLINE ELEVATIONS.
7. ALL WALLS MUST BE PERMITTED AND INSPECTED SEPERATELY BY THE CITY BUILDING DEPT.
8. A 10' PRIVATE DRAINAGE EASEMENT (PDE) IS GRANTED ON ALL SLOTLOTS AND ON REAR LOT LINES WHERE THEY ADJUT THE SIDEWALK OF THE ADJACENT LOT, TO BE MAINTAINED ADJUT TO THE ADJACENT LOT.



SECTION B-B⁹
TYPICAL SIDEYARD GARDEN BLOCKWALL DETAIL

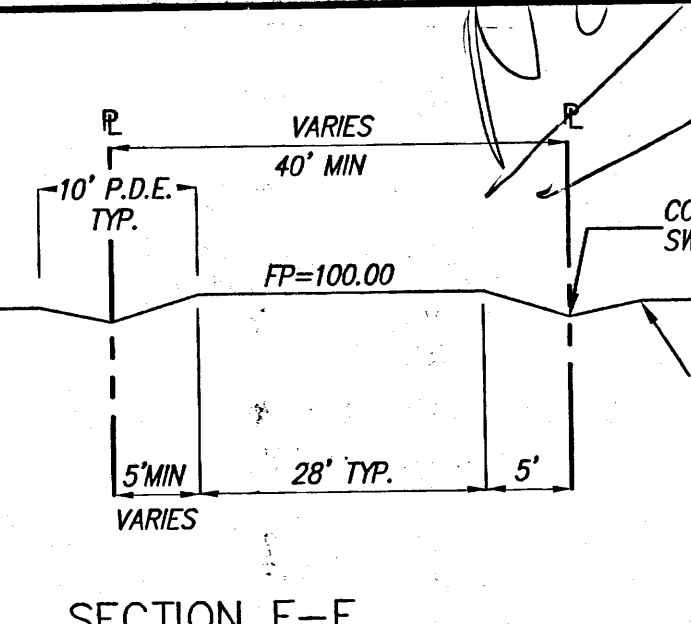
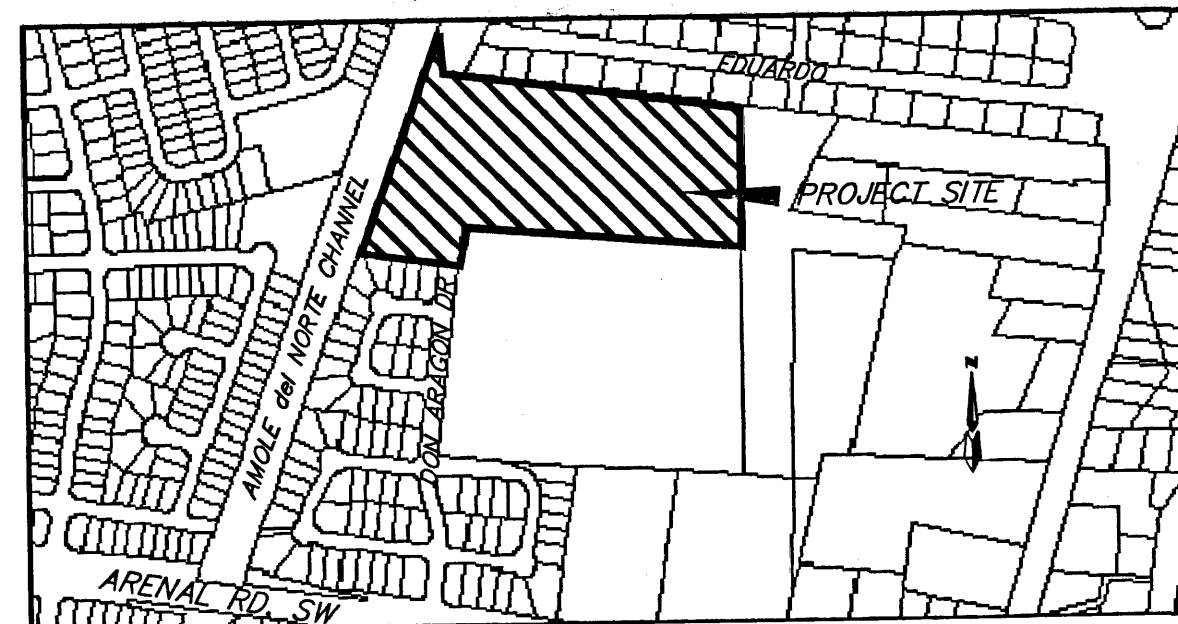
NTS ANY DIFFERENCE IN PAD ELEVATIONS BETWEEN ADJACENT LOTS GREATER THAN 2.8' WILL REQUIRE RETAINING WALL



dmg MARK GOODWIN & ASSOCIATES, P.A.
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ALBUQUERQUE, NEW MEXICO 87199
(505) 828-2200, FAX (505) 797-9539

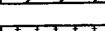
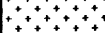
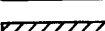
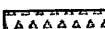
[illegible]

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	LAST DESIGN UPDATE	MO./DAY/YR.	MO./DAY/YR.
CITY PROJECT NO.	ZONE MAP NO.	SHEET	OF	
	M-10	2	2	

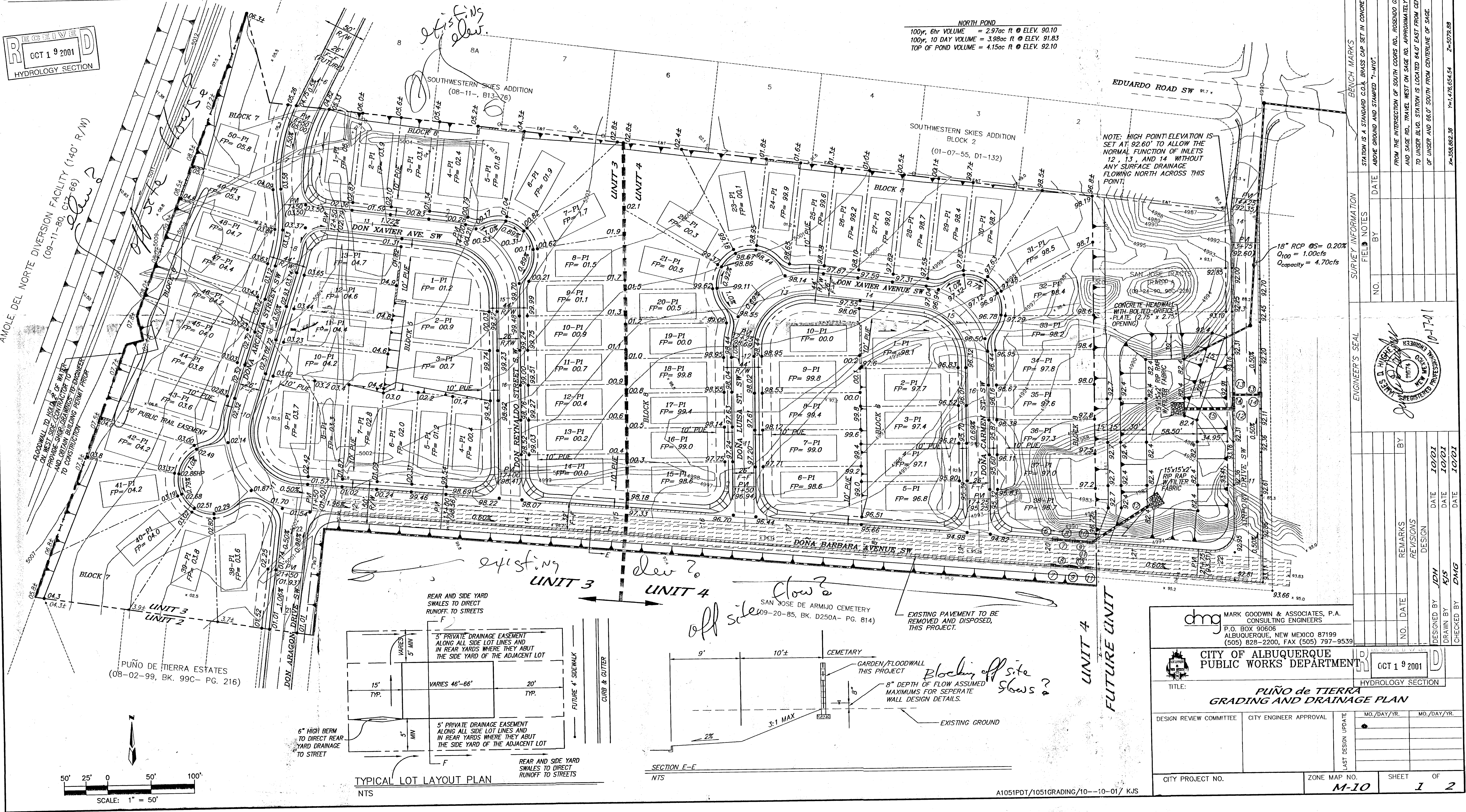
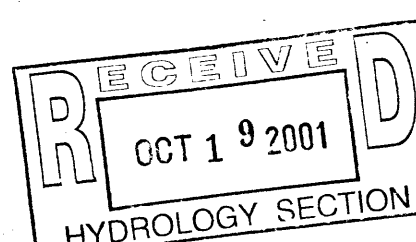


- ### LEGEND

- | | | | | | |
|------|--|------|--|---|--|
| (7) | 16 LF. 18" RCP @ S=1.0%
Q _{max} = 7.10cfs Qcapacity= 10.5cfs
V _{max} = 4.0fps | (10) | 16 LF. 24" RCP @ S=1.0%
Q _{max} = 13.05cfs Qcapacity= 22.6cfs
V _{max} = 6.2fps | (13) | 28 LF. 24" RCP @ S=1.0%
Q _{max} = 19.56cfs Qcapacity= 22.6cfs
V _{max} = 6.2fps |
| (8) | 16 LF. 18" RCP @ S=1.0%
Q _{max} = 7.10cfs Qcapacity= 10.5cfs
V _{max} = 4.0fps | (11) | 28 LF. 24" RCP @ S=1.0%
Q _{max} = 17.10cfs Qcapacity= 22.6cfs
V _{max} = 5.4fps | (14) | 12 LF. 30" RCP @ S=1.0%
Q _{max} = 39.12cfs Qcapacity= 41.0cfs
V _{max} = 8.0fps |
| (9) | 16 LF. 24" RCP @ S=1.0%
Q _{max} = 13.05cfs Qcapacity= 22.6cfs
V _{max} = 4.0fps | (12) | 55 LF. 30" RCP @ S=1.0%
Q _{max} = 34.20cfs Qcapacity= 41.0cfs
V _{max} = 7.0fps | (15) | 55 LF. 36" RCP @ S=1.0%
Q _{max} = 58.68cfs Qcapacity= 66.7cfs
V _{max} = 8.3fps |
| (6) | TYPE "A" INLET TC= 95.03, INV= 90.30 | | (11) | TYPE "A" INLET, TC= 94.79, INV= 89.40 | |
| (7) | TYPE "A", INLET TC= 95.02, INV= 90.30 | | (12) | TYPE DOUBLE "A" INLET, DG, ST, TC= 93.63, | |
| (8) | TYPE "C" INLET TC= 94.91, INV= 89.60 | | (13) | TYPE DOUBLE "A" INLET, DG, ST, TC= 93.57, | |
| (9) | TYPE "C" INLET, TC= 94.91, INV= 89.60 | | (14) | TYPE DOUBLE "A" INLET, DG, ST, TC= 93.57, | |
| (10) | TYPE "C" INLET, TC= 94.79, INV= 88.60 | | | | |

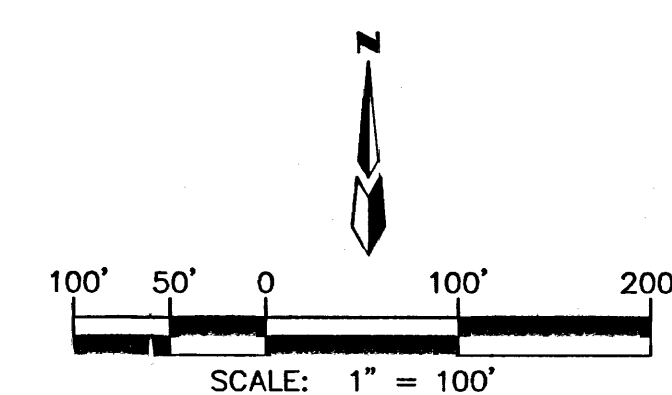
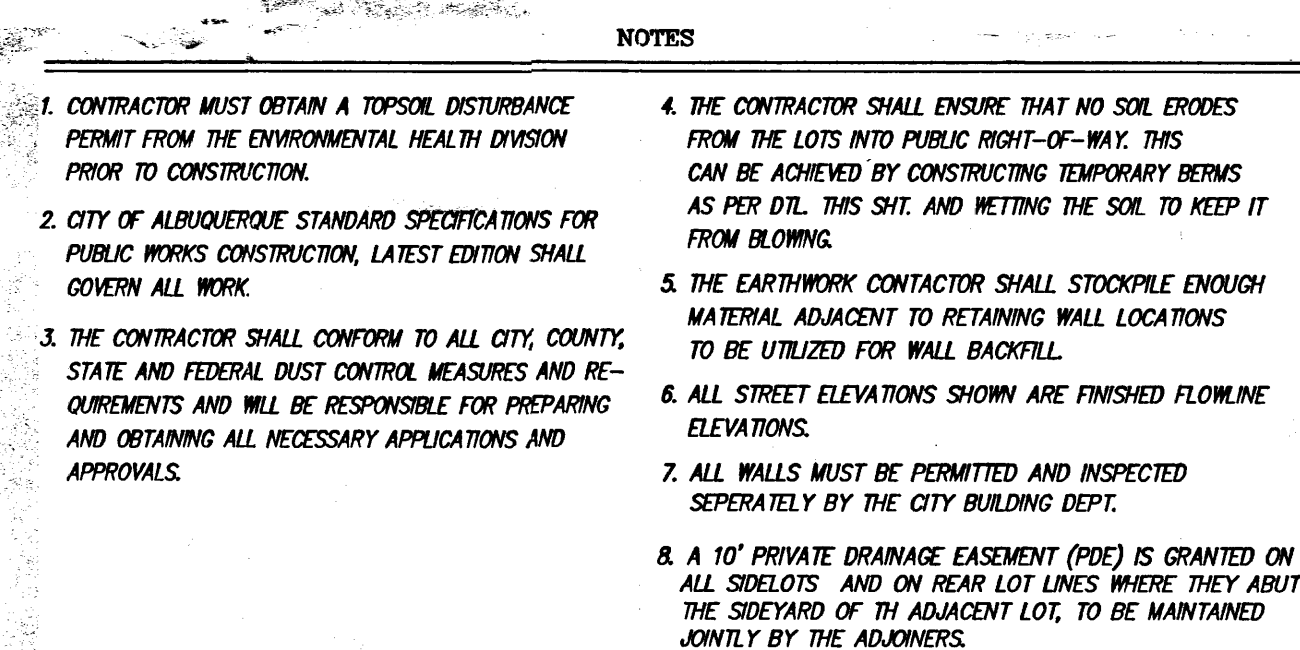
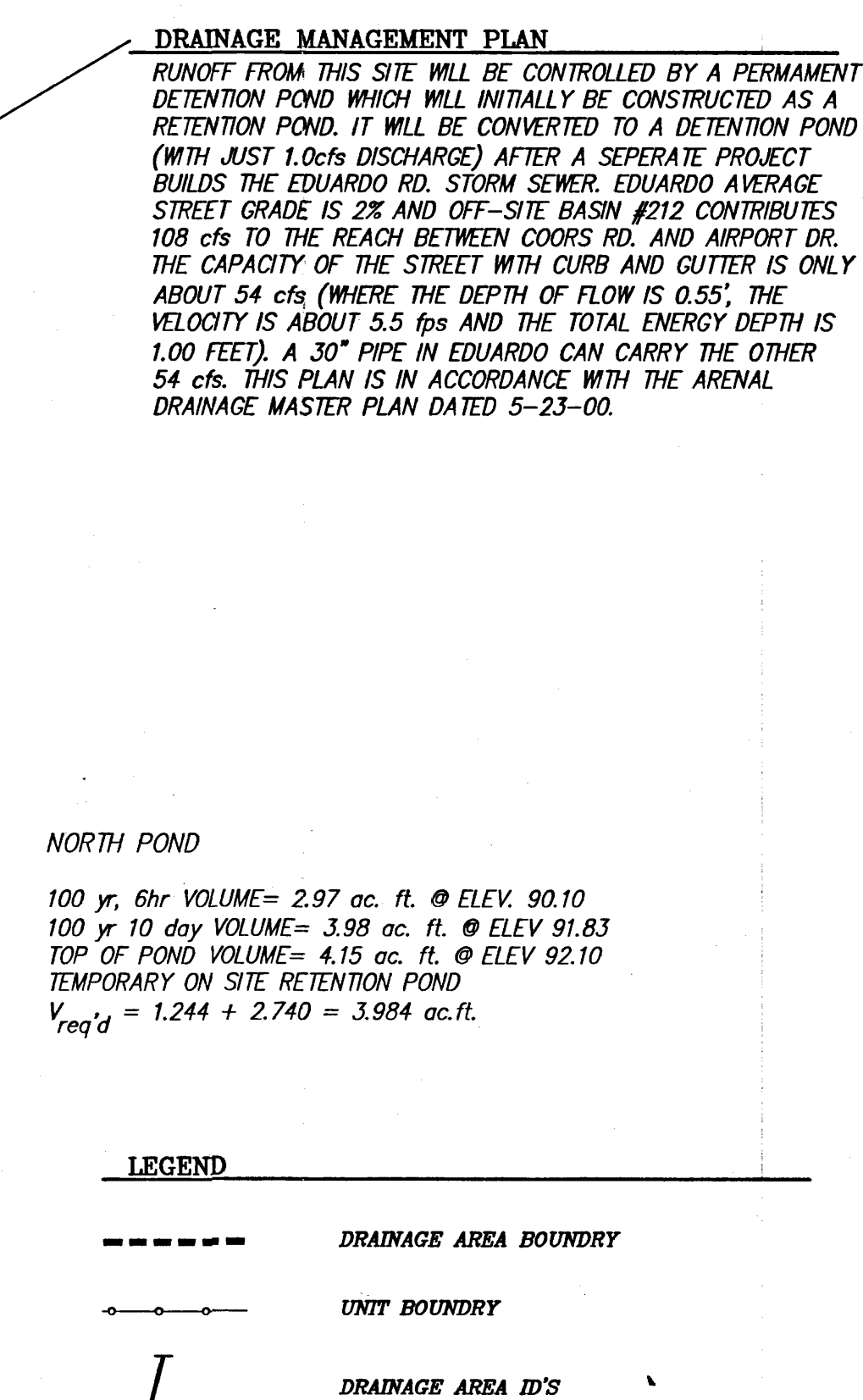
-  **ARTERIAL PAVEMENT**
 **TEMPORARY PAVEMENT**
 **EXISTING PAVEMENT**
 **NEW SIDEWALK CONSTRUCTED
THIS PROJECT**
 **DEFERRED SIDEWALKS**
 **NEW RETAINING WALLS
OVER 18".**
 **EXISTING PAVEMENT TO BE
REMOVED AND DISPOSED,
THIS PROJECT.**
 **DIRECTION OF FLOW**

- MOUNTABLE CURB & GUTTER
 STANDARD 8" CURB & GUTTER
 NEW STORM DRAIN LINE
 TRACT/LOT BOUNDARY
 RIGHT OF WAY
 EASEMENTS
 PROPERTY LINE
 HANDICAP RAMPS PER COA
 DWG. #2418 THIS PROJECT
 EXISTING OVERHEAD ELECTRIC LINE
 EXISTING OVERHEAD TELEPHONE LINE
 EXISTING POWER POLE
 EXISTING STORM SEWER MANHOLE
 FLOODWALL



539		ENGINEER'S SEAL		SURVEY INFORMATION		BENCH MARKS		AS BUILT INFORMATION	
				FIELD NOTES		STATION IS A STANDARD C.O.G. BRASS CAP SET IN CONCRETE 0.20'			
				NO. BY DATE		ABOVE GROUND AND STAMPED 7'-110".			
		REMARKS				FROM THE INTERSECTION OF SOUTH COORS RD. ROSENDO GARCIA RD. AND SAGE RD. TRAVEL WEST ON SAGE RD. APPROXIMATELY 1.1 MI. TO SAGER BLVD. STATION IS LOCATED 64.0' EAST FROM CENTERLINE		MICRO-FILM INFORMATION	
		DESIGN				OF UNSER AND 66.0' SOUTH FROM CENTERLINE OF SAGE.		DATE	
		DESIGNED BY JDH		DATE 10/01				NO.	
		DRAWN BY K/S		DATE 10/01					
		CHECKED BY DMG		DATE 10/01					
ENTRANCE		GCT 1 9 2001		HYDROLOGY SECTION					
LAST DESIGN UPDATE		MO./DAY/YR.		MO./DAY/YR.					
NO.		SHEET		OF					
4-10		1		2					

⁹⁹ FLOW DEPTHS ARE TAKEN FROM PLATE 22.3 D-1 OF THE DPM AND REDUCED BY 3/4" FOR ROLL CURB TYPES TO ACCOUNT FOR THE DIFFERENCE IN GUTTER DEPRESSION. ALLOWABLE DEPTHS MAY NOT EXCEED CURB HEIGHTS WHICH ARE 0.33' FOR ROLL CURB AND GUTTER AND 0.67' FOR STANDARD CURB AND GUTTER.



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 CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE: ***PUÑO DE TIERRA
GRADING AND DRAINAGE PLAN***

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	LAST DESIGN UPDATE	MO./DAY/YR.	MO./DAY/YR.
CITY PROJECT NO.	ZONE MAP NO.	SHEET	OF	
	M-10	2	2	

10/3/01

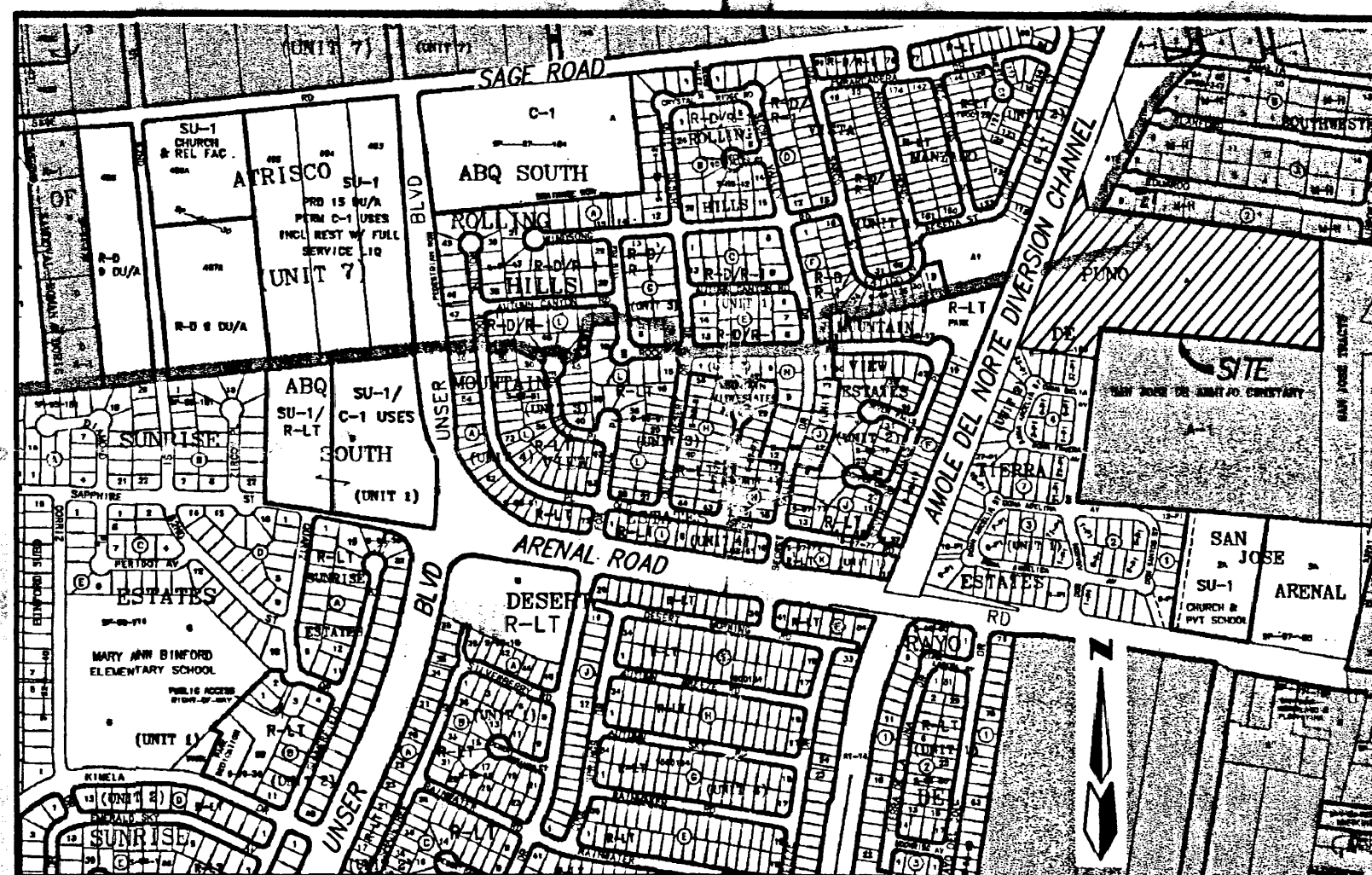
SECTION 34 TOWNSHIP 10 NORTH, RANGE 2 EAST, NMPM
CITY OF ALBUQUERQUE
BERNALILLO COUNTY, NEW MEXICO
OCTOBER, 2001

PURPOSE OF PLAT

1. SUBDIVIDE ONE TRACT INTO 61 RESIDENTIAL LOTS.
2. GRANT NEW EASEMENTS AS SHOWN

A tract of land situate within the Town of Atrisco Grant, projected Section 34, Township 10 North, Range 2 East, New Mexico Principal Meridian, City of Albuquerque, New Mexico being all of Tract 'A', Puno de Tierra Estates Units 1 and 2 and Tract 'A' as the same is shown and designated on said plat filed for record in the office of the County Clerk of Bernalillo County, New Mexico on August 2, 1999 in Book 99C, Page 216 containing 12.7611 acres more or less.

1. UNLESS OTHERWISE NOTED ALL POINTS ARE "SET 5/8" REBAR WITH CAP "ALS LS 7719".
2. ALL STREET CENTERLINE MONUMENTATION SHALL BE INSTALLED AT ALL CENTERLINE PC'S, PT'S, ANGLE POINTS, AND STREET INTERSECTIONS AND SHOWN THUS ▲, WILL BE MARKED BY A FOUR INCH (4") ALUMINUM CAP STAMPED:
"CITY OF ALBUQUERQUE CENTERLINE MONUMENTATION"
"DO NOT DISTURB"
"PLS # 7719".
3. BOUNDARY SHALL BE TIED TO THE NEW MEXICO STATE PLANE COORDINATE SYSTEM AS SHOWN.
4. BASIS OF BEARING SHALL BE NEW MEXICO STATE PLANE GRID BEARINGS.
5. ALL DISTANCES SHALL BE GROUND DISTANCES.
6. MANHOLES WILL BE OFFSET AT ALL POINTS OF CURVATURE, POINTS OF TANGENCY, STREET INTERSECTIONS, AND ALL OTHER ANGLE POINTS TO ALLOW USE OF CENTERLINE MONUMENTATION.
7. A 10' PRIVATE DRAINAGE EASEMENT (PDE) IS GRANTED ON SOME SIDE LOT LINES AND ON REAR LOT LINES WHERE THEY ABUT THE SIDEYARD OF THE ADJACENT LOT, TO BE MAINTAINED JOINTLY BY THE ADJOINERS.



LOCATION MAP
NOT TO SCALE

OWNERS

ASI ES INC.
201 INDUSTRIAL PARK LOOP
RIO RANCHO, N.M. 87124
(505) 896.9100

ENGINEERS

D. MARK GOODWIN & ASSOCIATES, P.A.
CONSULTING ENGINEERS
P.O. BOX 90606
ALBUQUERQUE, NEW MEXICO 87199
(505) 828-2200

SURVEYOR

ALDRICH LAND SURVEY
P.O. BOX 30701
ALBUQUERQUE, N.M. 87190-0701
(505) 884-1990

OWNER:

Francisco Melendez 10/11/01
Francisco Melendez
ASI ES INC. DATE
Vice-President

APPROVED FOR MONUMENTATION AND STREET NAMES


City Surveyor, City of Albuquerque, N.M.

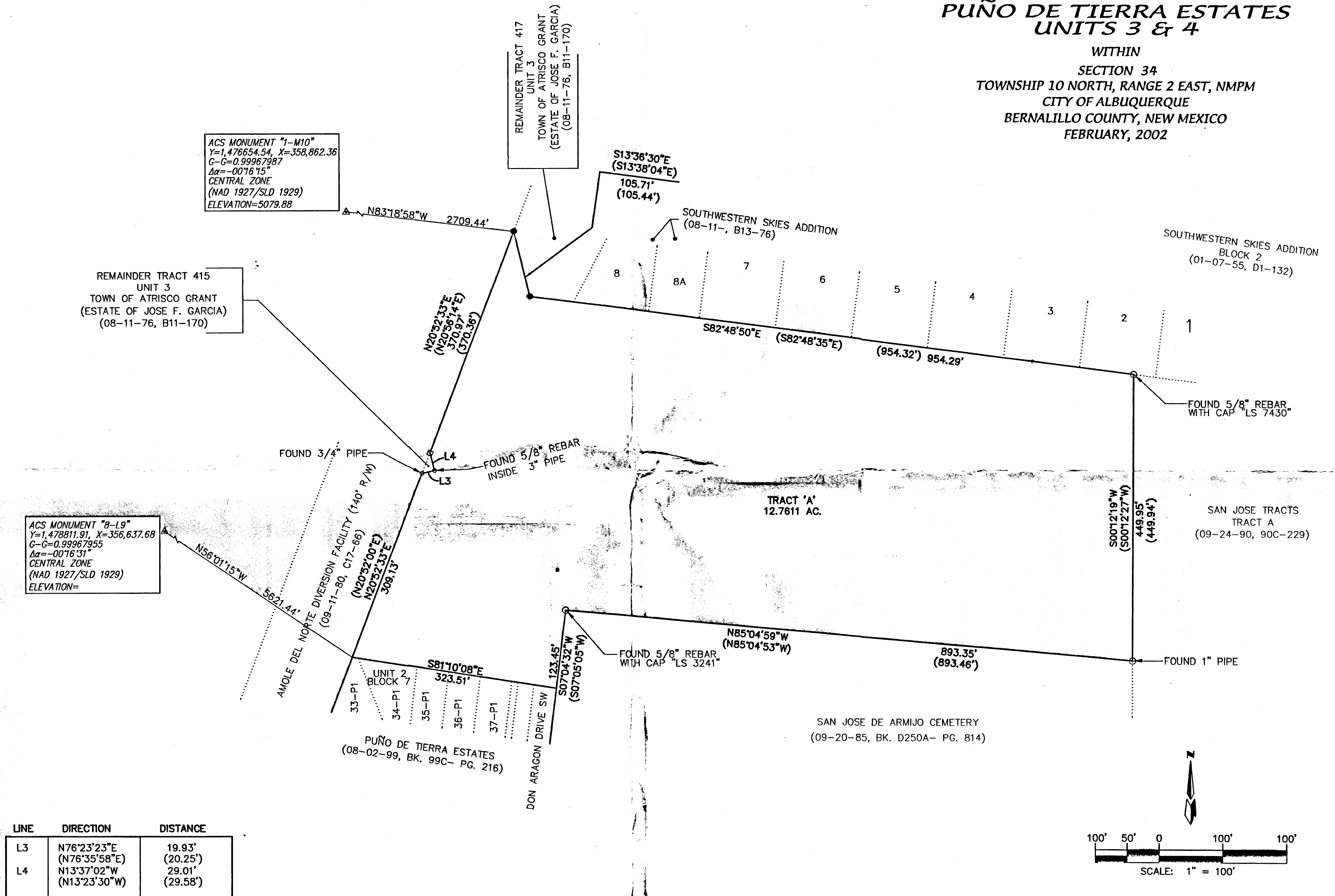
10-12-01
Date

Dwg: PLATCOVER	Drawn: NHM	Checked: ALS	Sheet 1 of 5
Scale: AS SHOWN	Date: 10/03/01	Job: A01051	

F:\A01\JOBS\A1051\pdt\PRELIMINARY\UNITS3-4\PD1-PPSHT1.dwg, 02/14/02 04:03:19 PM, Mark Goodwin & Assoc. Plotted by NHM

PRELIMINARY PLAT FOR
PUÑO DE TIERRA ESTATES
UNITS 3 & 4

WITHIN
SECTION 34
TOWNSHIP 10 NORTH, RANGE 2 EAST, NMPM
CITY OF ALBUQUERQUE
BERNALILLO COUNTY, NEW MEXICO
FEBRUARY, 2002



Dwg: PDT-PPSHT1	Drawn: NHM	Checked: ALS	Sheet 2 of 5
Scale: 1"=100'	Date: 10/03/01	Job: A01051	

ACS MONUMENT
"1-M10"
Y= 1476654.54
X= 358862.36
G-G= 0.99967987
Δα= -00°16'15"
CENTRAL ZONE
(NAD 1927/SLD 1929)
ELEVATION=5079.88

PRELIMINARY PLAT FOR **PUNO DE TIERRA ESTATES** **UNITS 3 & 4**

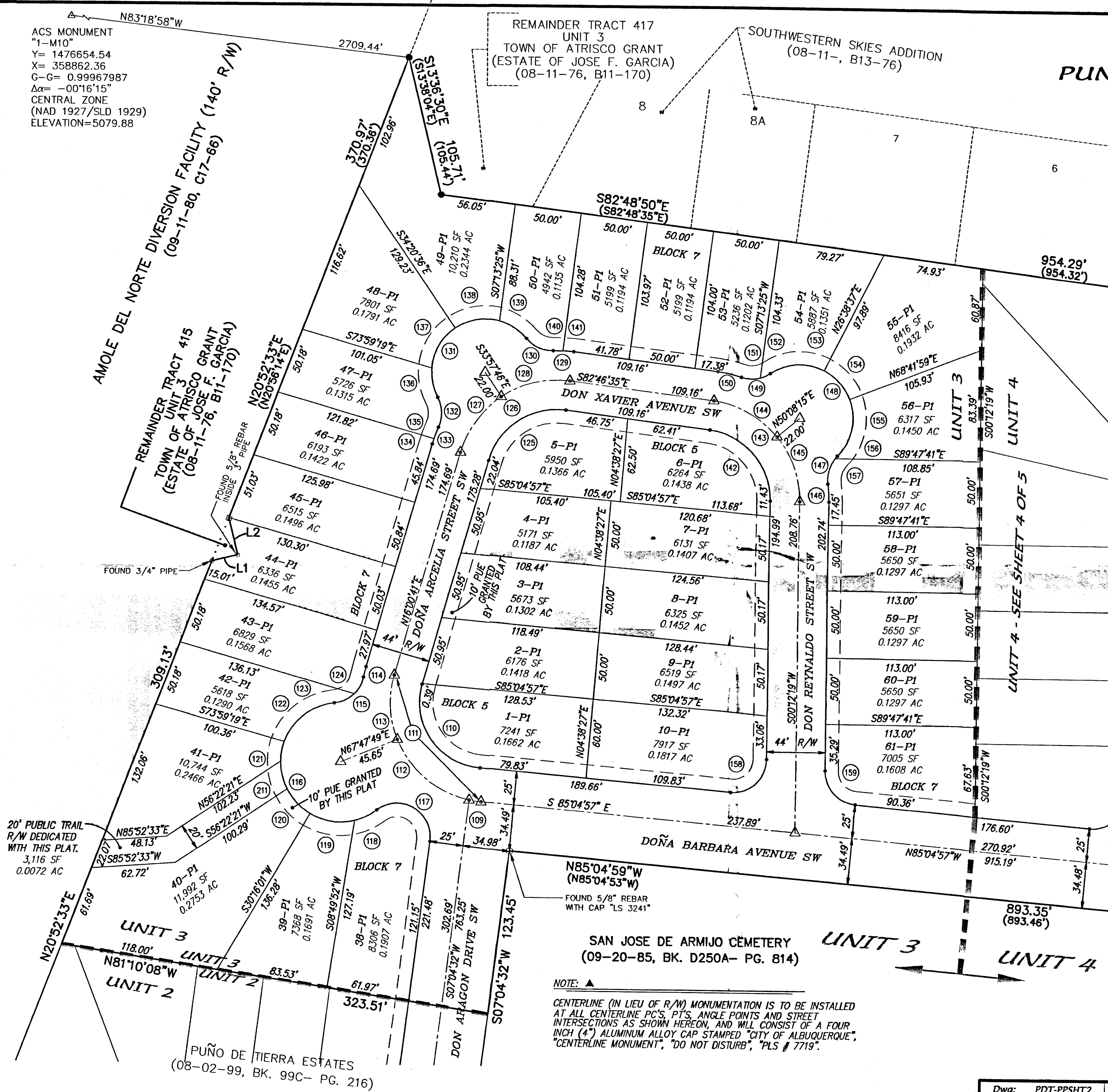
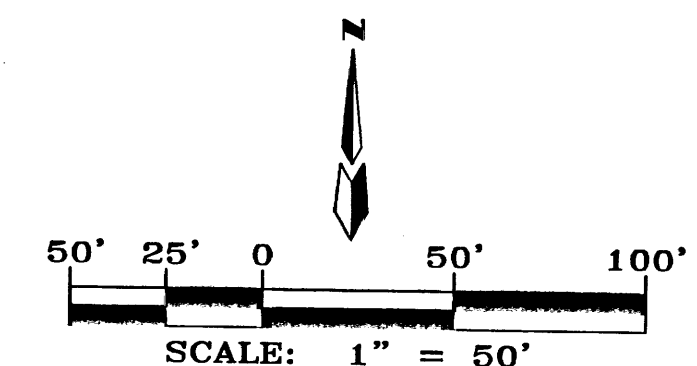
WITHIN THE
SECTIONS 34, TOWNSHIP 10 NORTH,
RANGE 2 EAST, NMPM
CITY OF ALBUQUERQUE
BERNALILLO COUNTY, NEW MEXICO
FEBRUARY, 2002

ABBREVIATIONS

10' PUE = PUBLIC UTILITY EASEMENTS
GRANTED WITH THIS PLAT
RW = RIGHT-OF-WAY
10' PDE= PRIVATE DRAINAGE EASEMENT
GRANTED WITH THIS PLAT

ALL STREETS SHOWN
HEREON ARE HEREBY
DEDICATED AS PUBLIC
RIGHT-OF-WAY UNLESS
SHOWN OTHERWISE

LINE TABLE		
LINE	LENGTH	BEARING
L1	19.93	N76°23'23"E
L2	29.01	N13°37'02"W



SAN JOSE DE ARMIJO CEMETERY
(09-20-85, BK. D250A- PG. 814)

Dwg:	PDT-PPSHT2	Drawn:	NHM	Checked:	ALS	Sheet 3 of 5
Scale:	1" = 50'	Date:	02-14-02	Job:	A01051	

NOTE: ▲

CENTERLINE (IN LIEU OF R/W) MONUMENTATION IS TO BE INSTALLED AT ALL CENTERLINE PC'S, PT'S, ANGLE POINTS AND STREET INTERSECTIONS AS SHOWN HEREON, AND WILL CONSIST OF A FOUR INCH (4") ALUMINUM ALLOY CAP STAMPED "CITY OF ALBUQUERQUE", "CENTERLINE MONUMENT", "DO NOT DISTURB", "PLS # 7719".

PRELIMINARY PLAT FOR PUNO DE TIERRA ESTATES UNITS 3 & 4

WITHIN THE
SECTION 34, TOWNSHIP 10 NORTH,
RANGE 2 EAST, NMPM
CITY OF ALBUQUERQUE
BERNALILLO COUNTY, NEW MEXICO
OCTOBER, 2001

EDUARDO ROAD SW

SOUTHWESTERN SKIES ADDITION
BLOCK 2
(01-07-55, D1-132)

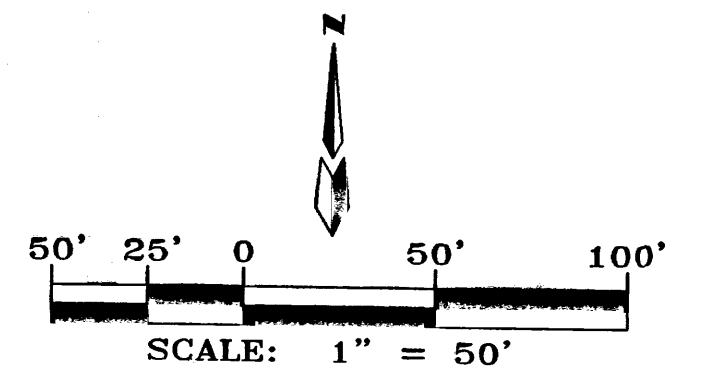
(954.32') 954.29'

FOUND 5/8" REBAR
WITH CAP "LS 7430"

ABBREVIATIONS

10' PUE = PUBLIC UTILITY EASEMENTS
— GRANTED WITH THIS PLAT
RW = RIGHT-OF-WAY
10' PDE = PRIVATE DRAINAGE EASEMENT
GRANTED WITH THIS PLAT

ALL STREETS SHOWN
HEREON ARE HEREBY
DEDICATED AS PUBLIC
RIGHT-OF-WAY UNLESS
SHOWN OTHERWISE



Dwg: PDT-PPSHT3	Drawn: NHM	Checked: ALS	Sheet 4 of 5
Scale: 1" = 50'	Date: 02-14-02	Job: A01051	

PRELIMINARY PLAT FOR
PUNO DE TIERRA ESTATES
UNITS 3 & 4

WITHIN THE
SECTION 34, TOWNSHIP 10 NORTH,
RANGE 2 EAST, NMPM
CITY OF ALBUQUERQUE
BERNALILLO COUNTY, NEW MEXICO
FEBRUARY, 2002

CURVE DATA

NO.	RADIUS	DELTA	LENGTH	CHORD BEARING & DISTANCE
109	75.00'	6°53'40"	9.02'	N 81°38'07" W 9.02'
110	50.00'	101°05'38"	88.22'	N 34°32'08" W 77.21'
111	75.00'	101°05'38"	132.33'	N 34°32'08" W 115.82'
112	75.00'	55°59'05"	73.28'	N 50°11'44" W 70.40'
113	75.00'	38°12'52"	50.02'	N 03°05'45" W 49.10'
114	97.00'	4°41'10"	7.93'	N 13°40'06" E 7.93'
115	25.00'	72°10'39"	31.49'	N 47°24'50" E 29.45'
116	45.00'	210°54'14"	165.64'	N 21°56'58" W 86.75'
117	25.00'	134°28'37"	58.68'	N 60°09'47" W 46.11'
118	45.00'	23°39'20"	18.58'	N 64°25'35" E 18.45'
119	45.00'	44°00'46"	34.57'	N 81°44'22" W 33.72'
120	45.00'	32°15'19"	25.33'	N 43°36'20" W 25.00'
121	45.00'	19°29'18"	15.31'	N 09°35'29" E 15.23'
122	45.00'	64°10'01"	50.40'	N 51°25'08" E 47.80'
123	25.00'	38°39'14"	16.87'	N 64°10'32" E 16.55'
124	25.00'	33°31'24"	14.63'	N 28°05'13" E 14.42'
125	53.00'	81°12'44"	75.12'	N 56°37'03" E 68.99'
126	75.00'	81°12'44"	106.31'	N 56°37'03" E 97.63'
127	75.00'	40°01'33"	52.39'	N 36°01'27" E 51.33'
128	75.00'	41°11'11"	53.91'	N 76°37'49" E 52.76'
129	97.00'	9°10'12"	15.52'	N 87°21'41" W 15.51'
130	25.00'	52°17'41"	22.82'	N 65°47'57" W 22.03'
131	40.00'	168°37'20"	117.72'	N 56°02'14" E 79.61'
132	25.00'	52°17'41"	22.82'	N 02°07'36" E 22.03'
133	97.00'	8°00'34"	13.56'	N 20°00'57" E 13.55'
134	97.00'	2°27'18"	4.16'	N 17°14'20" E 4.16'
135	97.00'	5°33'15"	9.40'	N 21°14'37" E 9.40'
136	40.00'	32°24'49"	22.63'	N 12°04'02" W 22.33'
137	40.00'	51°31'01"	35.97'	N 29°53'53" E 34.77'
138	40.00'	49°42'01"	34.70'	N 80°30'24" E 33.62'
139	40.00'	34°59'29"	24.43'	N 57°08'51" W 24.05'
140	97.00'	4°18'39"	7.30'	N 89°47'28" W 7.30'
141	97.00'	4°51'33"	8.23'	N 85°12'22" W 8.22'
142	53.00'	82°58'54"	76.76'	N 41°17'08" W 70.23'
143	75.00'	82°58'54"	108.62'	N 41°17'08" W 99.38'
144	75.00'	42°54'50"	56.17'	N 61°19'10" W 54.87'
145	75.00'	40°04'04"	52.45'	N 19°49'43" W 51.39'
146	97.00'	8°03'04"	13.63'	N 03°49'13" W 13.62'
147	25.00'	52°17'41"	22.82'	N 18°18'05" E 22.03'
148	40.00'	168°37'20"	117.72'	N 39°51'45" W 79.61'
149	25.00'	52°17'41"	22.82'	N 81°58'26" E 22.03'
150	97.00'	10°53'51"	18.45'	N 77°19'39" W 18.42'
151	25.00'	33°22'52"	14.57'	N 88°34'10" E 14.36'
152	25.00'	18°54'48"	8.25'	N 65°17'00" E 8.22'
153	40.00'	60°49'01"	42.46'	N 86°14'06" E 40.49'
154	40.00'	42°03'23"	29.36'	N 42°19'42" W 28.71'
155	40.00'	65°44'56"	45.90'	N 11°34'27" E 43.42'
156	25.00'	6°02'37"	2.64'	N 41°25'36" E 2.64'
157	25.00'	46°15'03"	20.18'	N 15°16'46" E 19.64'
158	25.00'	94°42'44"	41.33'	N 47°33'41" E 36.78'
159	25.00'	85°17'16"	37.21'	N 42°26'19" W 33.87'
160	25.00'	94°42'44"	41.33'	N 47°33'41" E 36.78'

CURVE DATA

NO.	RADIUS	DELTA	LENGTH	CHORD BEARING & DISTANCE
161	25.00'	85°17'16"	37.21'	N 42°26'19" W 33.87'
162	53.00'	97°01'06"	89.74'	N 48°42'52" E 79.40'
163	75.00'	97°01'06"	127.00'	N 48°42'52" E 112.36'
164	75.00'	48°42'56"	63.77'	N 24°33'47" E 61.87'
165	75.00'	48°18'10"	63.23'	N 73°04'20" E 61.37'
166	97.00'	13°19'31"	22.56'	N 89°26'20" W 22.51'
167	25.00'	52°35'44"	22.95'	N 69°48'13" W 22.15'
168	45.00'	175°08'48"	137.56'	N 48°55'15" E 89.92'
169	25.00'	52°35'44"	22.95'	N 12°21'16" W 22.15'
170	97.00'	13°44'17"	23.26'	N 07°04'27" E 23.20'
171	25.00'	21°44'45"	9.49'	N 03°04'13" E 9.43'
172	25.00'	30°50'59"	13.46'	N 23°13'39" W 13.30'
173	45.00'	51°07'50"	40.16'	N 13°05'14" W 38.84'
174	45.00'	34°32'30"	27.13'	N 29°44'56" E 26.72'
175	45.00'	32°15'19"	25.33'	N 63°08'51" E 25.00'
176	45.00'	57°13'09"	44.94'	N 72°06'55" W 43.10'
177	25.00'	10°36'50"	4.63'	N 48°48'46" W 4.62'
178	25.00'	41°58'54"	18.32'	N 75°06'38" W 17.91'
179	53.00'	82°58'54"	76.76'	N 41°17'08" W 70.23'
180	75.00'	82°58'54"	108.62'	N 41°17'08" W 99.38'
181	75.00'	41°13'37"	53.97'	N 62°09'46" W 52.81'
182	75.00'	41°45'17"	54.66'	N 20°40'19" W 53.46'
183	97.00'	6°46'38"	11.47'	N 03°11'00" W 11.47'
184	25.00'	52°35'44"	22.95'	N 19°43'34" E 22.15'
185	45.00'	175°08'48"	137.56'	N 41°32'58" W 89.92'
186	25.00'	52°35'44"	22.95'	N 77°10'30" E 22.15'
187	97.00'	6°14'58"	10.58'	N 79°39'06" W 10.57'
188	45.00'	26°57'20"	21.17'	N 64°21'18" E 20.98'
189	45.00'	53°14'12"	41.81'	N 75°32'55" W 40.32'
190	45.00'	40°36'05"	31.89'	N 28°37'47" W 31.23'
191	45.00'	54°21'10"	42.69'	N 18°50'51" E 41.11'
192	25.00'	44°06'57"	19.25'	N 23°57'57" E 18.78'
193	25.00'	8°28'48"	3.70'	N 02°19'55" W 3.70'
194	25.00'	94°42'44"	41.33'	N 47°33'41" E 36.78'
195	25.00'	85°17'16"	37.21'	N 42°26'19" W 33.87'
196	25.00'	38°23'19"	16.75'	N 74°57'29" W 16.44'
197	300.00'	28°15'10"	147.93'	N 07°03'03" W 146.44'
198	325.00'	21°45'28"	123.42'	N 10°17'54" W 122.68'
199	275.00'	18°17'49"	87.82'	N 12°01'43" W 87.45'
200	275.00'	15°30'19"	74.42'	N 10°37'59" W 74.19'
201	275.00'	2°47'30"	13.40'	N 19°46'53" W 13.40'
202	325.00'	16°25'21"	93.15'	N 07°37'50" W 92.83'
203	325.00'	5°20'07"	30.26'	N 18°30'34" W 30.25'
204	325.00'	15°17'36"	86.75'	N 13°31'50" W 86.49'
205	300.00'	22°43'22"	118.98'	N 09°48'57" W 118.20'
206	275.00'	11°23'43"	54.69'	N 15°28'46" W 54.60'
207	300.00'	5°31'47"	28.95'	N 04°18'38" E 28.94'
208	300.00'	1°45'20"	9.19'	N 82°02'48" W 9.19'
209	322.00'	1°45'20"	9.87'	N 82°02'48" W 9.87'
210	278.00'	1°45'20"	8.52'	N 82°02'48" W 8.52'
211	45.00'	27°19'31"	21.46'	S 13°48'55" E 21.26'