

SCANNED BY
MESA REPRO

SURVEYOR'S CERTIFICATION

Timothy A. Leitch, P.E. No. 7719 Date 10-16-01

Timothy A. March, P.S. No. 7719 Date

Diane Hoelzer 12-24-01
Diane Hoelzer, PE NMPE 11967

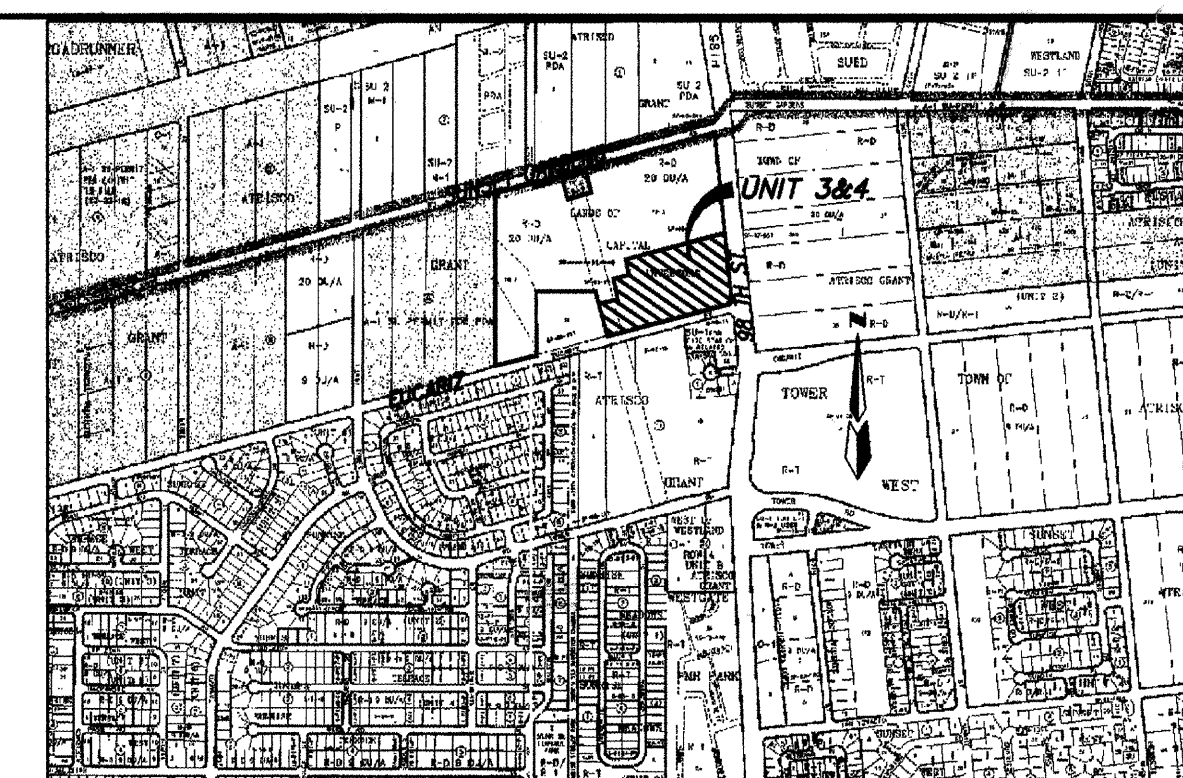


CAUTION:

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) 828-2200, FAX (505) 797-9539

REV.	SHEETS	CITY ENGINEER	DATE	USER DEPARTMENT	DATE	USER DEPARTMENT	DATE
ENGINEERS STAMP & SIGNATURE			APPROVALS	ENGINEER	DATE	*****	
 <i>Dane Hoelzer</i> 2-27-01			DRC CHAIRMAN	<i>K. J. We</i>	5/1/01	APPROVED FOR CONSTRUCTION	
			TRANSPORTATION	<i>K. J. We</i>	3/26/01		
			WATER/WASTEWATER	<i>Steve Wynn</i>	03/05/01		
			HYDROLOGY	<i>Bradley L. Bryan</i>	3/19/01		
			CIP				
			CONSTR. MNGMT.				
			CONSTR. COORD.	<i>K. J. We</i>	7/1/01		
CITY PROJECT NO.			654381			SHEET OF	
						1 19	



VICINITY MAP

ZONE ATLAS L-8 & L-9

SCALE: NONE

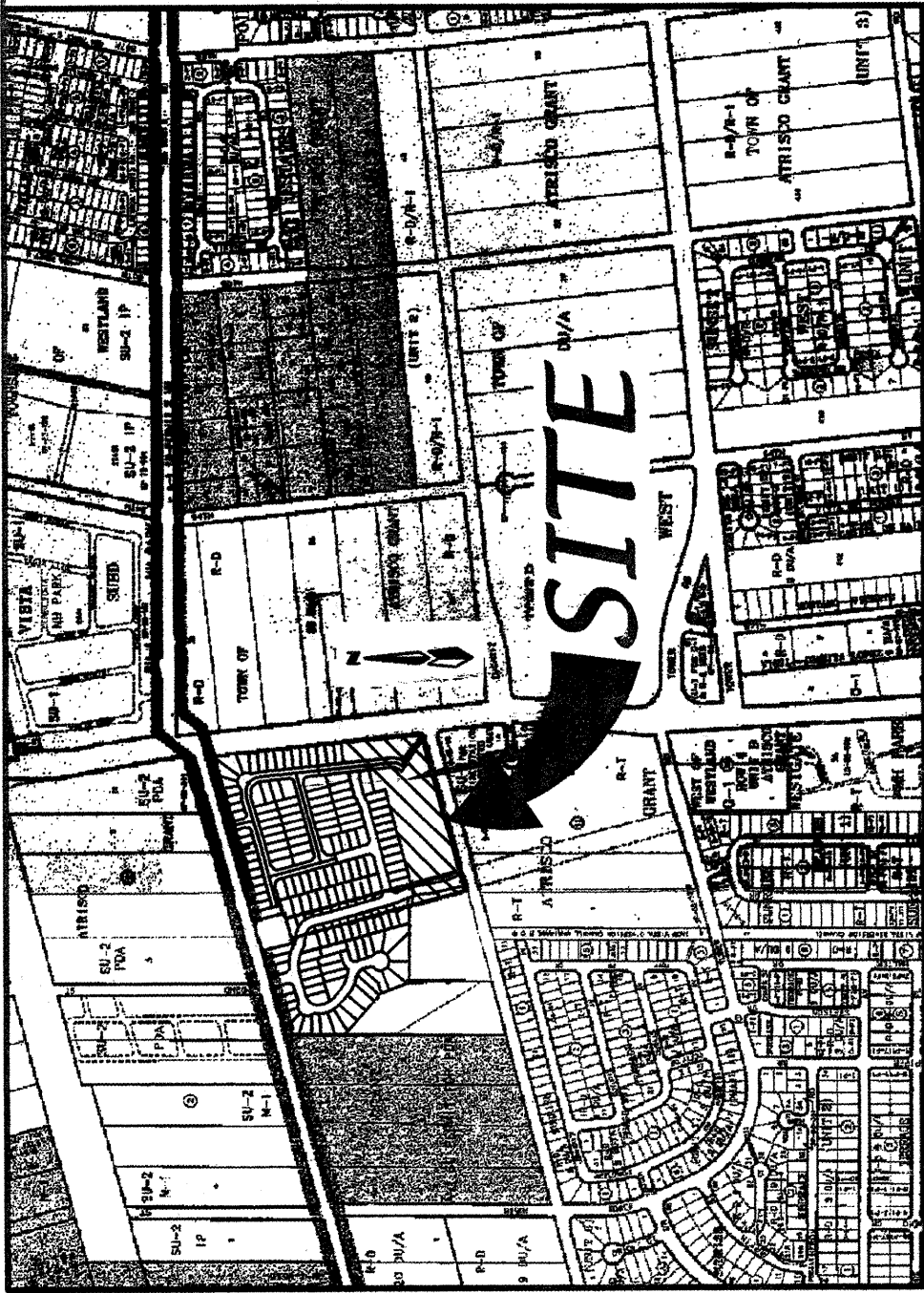
GENERAL NOTES

NOTICE TO CONTRACTORS

1. CITY OF ALBUQUERQUE SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1986 EDITION AS AMENDED THROUGH UPDATE 6, WILL BE REFERRED TO HEREIN AS THE "STANDARD SPECIFICATIONS".
2. TWO WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT NEW MEXICO ONE CALL SYSTEM (280-1990) AND DETERMINE LOCATION OF EXISTING UTILITIES.
3. PRIOR TO ANY 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 THE SURVEYOR SO THAT THE CONFLICT CAN BE RESOLVED WITHOUT DELAY.
4. ALL EXISTING SIGNS, MARKERS, DELINEATORS, ETC., WITHIN THE CONSTRUCTION LIMITS SHALL BE REMOVED, STORED AND RE-SET BY THE CONTRACTOR.
5. FIVE (5) WORKING DAYS PRIOR TO BEGINNING CONSTRUCTION THE CONTRACTOR SHALL SUBMIT TO THE CONSTRUCTION COORDINATION DIVISION A DETAILED CONSTRUCTION SCHEDULE. TWO (2) WORKING DAYS PRIOR TO CONSTRUCTION THE CONTRACTOR SHALL OBTAIN A BARRICADING PERMIT FROM THE CONSTRUCTION COORDINATION DIVISION. CONTRACTOR SHALL NOTIFY BARRICADE ENGINEER (768-2551) PRIOR TO OCCUPYING AN INTERSECTION. SEE SECTION 19 OF THE SPECIFICATIONS.
6. ALL STREET STRIPING ALTERED OR DESTROYED SHALL BE REPLACED WITH PLASTIC REFLECTORIZED PAVEMENT MARKINGS BY CONTRACTOR IN EXISTING OR NEW LOCATION AS INDICATED BY THIS SET.
7. THE CONTRACTOR SHALL NOTIFY THE ENGINEER NOT LESS THAN SEVEN (7) DAYS PRIOR TO STARTING WORK IN ORDER THAT THE ENGINEER MAY TAKE NECESSARY MEASURES TO INSURE THE PRESERVATION OF SURVEY MONUMENTS. CONTRACTOR SHALL NOT DISTURB PERMANENT SURVEY MONUMENTS WITHOUT THE CONSENT OF THE ENGINEER AND SHALL NOTIFY THE ENGINEER 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 THE PAVEMENT OF ANY ROADWAY IN WHICH A PERMANENT SURVEY MONUMENT IS LOCATED, CONTRACTOR SHALL AT HIS OWN EXPENSE, ADJUST THE MONUMENT COVER TO THE NEW GRADE UNLESS OTHERWISE SPECIFIED. REFER TO SECTION 4.4 OF THE GENERAL CONDITIONS OF THE STANDARD SPECIFICATIONS.
8. ANY WORK OCCURRING WITHIN AN ARTERIAL ROADWAY REQUIRES 24 HOURS 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 DERESSED 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.



LOCATION MAP
ZONE ATLAS L-8-Z, L-9-Z
SCALE: NONE

SUBDIVISION DATA

PLAT CASE NOS. PROJECT # 1000301
CASE # 01440-00000-00144
GROSS ACREAGE .51745 AC.
ZONE/ATLAS NO. L-8-Z & L-9-Z
NO. OF EXISTING TRACTS/LOTS. 1 TRACT
NO. OF TRACTS/LOTS CREATED. 30 LOTS/ 1 TRACT
NO. OF TRACTS/LOTS ELIMINATED. 1 TRACT
MILES OF FULL WIDTH STREETS CREATED. 0.20 MILES
AREA DEDICATED TO CITY OF ALBUQUERQUE. 1.3356 AC.
DATE OF SURVEY. JANUARY 1997
UTILITY CONTROL LOCATION SYSTEM LOG NUMBER. 97012813220341

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 to the City of Albuquerque, New Mexico, 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 where shown or indicated; and including the right of ingress and egress for construction and maintenance of said facilities; and the right of ingress and egress for 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.

Owner: 98th Street Ltd. Co.
By: Paul White, Jr., Vice-President
Paul White, Jr., Vice President
11/12/00 Date

OWNER'S ACKNOWLEDGMENT

STATE OF NEW MEXICO }
COUNTY OF BERNALILLO }

This instrument was acknowledged before me on November 2, 2000 by Paul White, Jr., Vice President of 98th Street Ltd. Co. A New Mexico Corporation on behalf of said Corporation.

Sandy Ann Preststone
NOTARY PUBLIC
MY COMMISSION EXPIRES 12-01-03



LEGAL DESCRIPTION (SEE SHEET 2)

NOTES (SEE SHEET 2)

PURPOSE OF PLAT

- SUBDIVIDE A SINGLE TRACT INTO 30 RESIDENTIAL LOTS AND 1 TRACT
- DEDICATED NEW RIGHT-OF-WAY AS SHOWN.
- GRANT NEW EASEMENTS AS SHOWN.
- VACATE EASEMENTS AS SHOWN.

PLAT FOR
SUNRISE RANCH
UNIT 4

WITHIN THE
TOWN OF ATRISCO GRANT
PROJECTED SECTIONS 28 AND 29
TOWNSHIP 10 NORTH, RANGE 2 EAST, NMMP
CITY OF ALBUQUERQUE
BERNALILLO COUNTY, NEW MEXICO
OCTOBER, 2000

APPROVED AND ACCEPTED BY:

APPROVAL AND CONDITIONAL ACCEPTANCE as specified by the Albuquerque subdivision Ordinance, Article XI of Chapter 7 of the Revised Ordinances of Albuquerque, New Mexico
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.	11/14/00
Property Management, City of Albuquerque, N.M.	Date
PNM Gas	11-8-00
PNM Electric	11-8-00
Qwest Corporation	11-15-00
Comcast Cable	11-09-00

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 my assistants, and that the same are correct and true to the best of my knowledge and belief, and that the same are made known to me by the owners and/or proprietors of the subdivision shown hereon, utility companies and other parties expressing an interest and meets the minimum requirements for monumentation and surveys of the Albuquerque Subdivision Ordinance, 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
11-09-00 Date

Dwg: UNIT4SHEET1	Drawn: SPS	Checked: ALS	Sheet 1 of 4
Scale: 1"= 1'	Date: 10/27/00	Job: A00022	

LEGAL DESCRIPTION

A tract of land situate within Sections 28 and 29, Township 10 North, Range 2 East, New Mexico Principal Meridian, Bernalillo county, New Mexico, being a portion of TRACT 14 of the SUNRISE RANCH, in the office of the County Clerk of Bernalillo county, New Mexico on November 15, 2000C in Volume 2000C, Folio 290 and containing 5.1745 acres more or less.

NOTES

- Bearings are New Mexico State Plane Grid Bearings (Central Zone).
- Distances are ground distances.
- Bearings and distances in parenthesis are record.
- Basis of boundary are the following plats of record entitled:
SUNRISE RANCH, UNIT 2 (11-15-2000, 2000C-290)
SUNRISE RANCH, UNIT 1 (09-06-00, 2000C-228)
LANDS OF ATRISCO GRANT (03-28-82, D3-26)
LANDS OF CAPITAL INVESTORS (01-07-88, C35-117)
all being records of Bernalillo County, New Mexico.
- Field Survey performed January, 1997
- Utility Council Location System Log No. 97012813220341
- Title Report: None provided.
- All property corners are set 5/8" rebar with cap "ALS LS 7719", unless otherwise noted.
- City of Albuquerque Zoning: R-D, 20 DU/A
- Flood Zone Designation: Zone C (areas of minimal flooding), and ZONE AO (areas of 100 year shallow flooding), depths between (1) and (3) feet as shown on Panel 32 of 50, FLOOD INSURANCE RATE MAP, City of Albuquerque, Bernalillo County, New Mexico dated October 14, 1983.
- CITY OF ALBUQUERQUE WATER AND SANITARY SEWER SERVICE TO: SUNRISE RANCH UNIT 4 MUST BE VERIFIED AND COORDINATED WITH THE PUBLIC WORKS DEPARTMENT, CITY OF ALBUQUERQUE
All open space requirements are met on the lots with the dwellings.

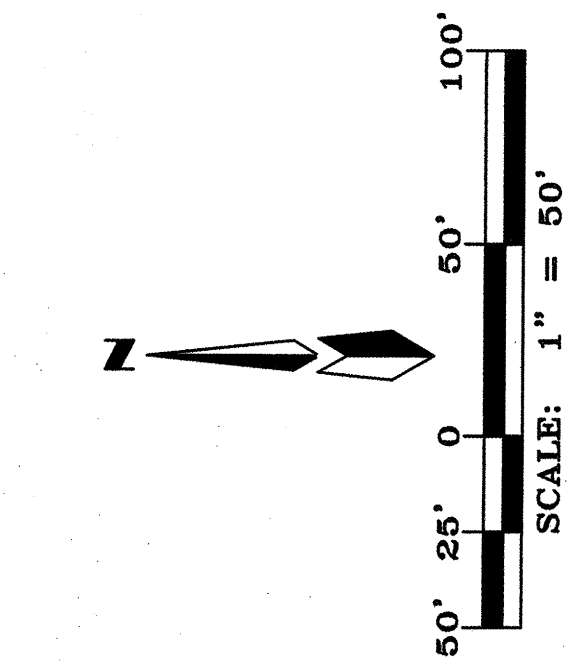
PUBLIC UTILITY EASEMENTS:

- PUBLIC UTILITY EASEMENTS shown on this plat are granted for the common and joint use of:
- The PNM Electric Services Division for the installation, maintenance and service of overhead and underground electrical lines, transformers, poles and any other equipment, fixtures, structures and related facilities reasonably necessary to provide electrical services.
 - The PNM Gas Services Division for installation, maintenance and services of natural gas lines, valves and any equipment and facilities reasonably necessary to provide natural gas.
 - Qwest for installation, maintenance and service of all buried and aerial communication lines and other related equipment and facilities, including but not limited to above ground pedestals and closures.
 - Comcast Cable for installation, maintenance and service of such lines, cable and other related equipment and facilities reasonably necessary to provide Cable TV service. Included, is the right to build, rebuild, construct, reconstruct, locate, relocate, change, remove, modify, renew, operate and

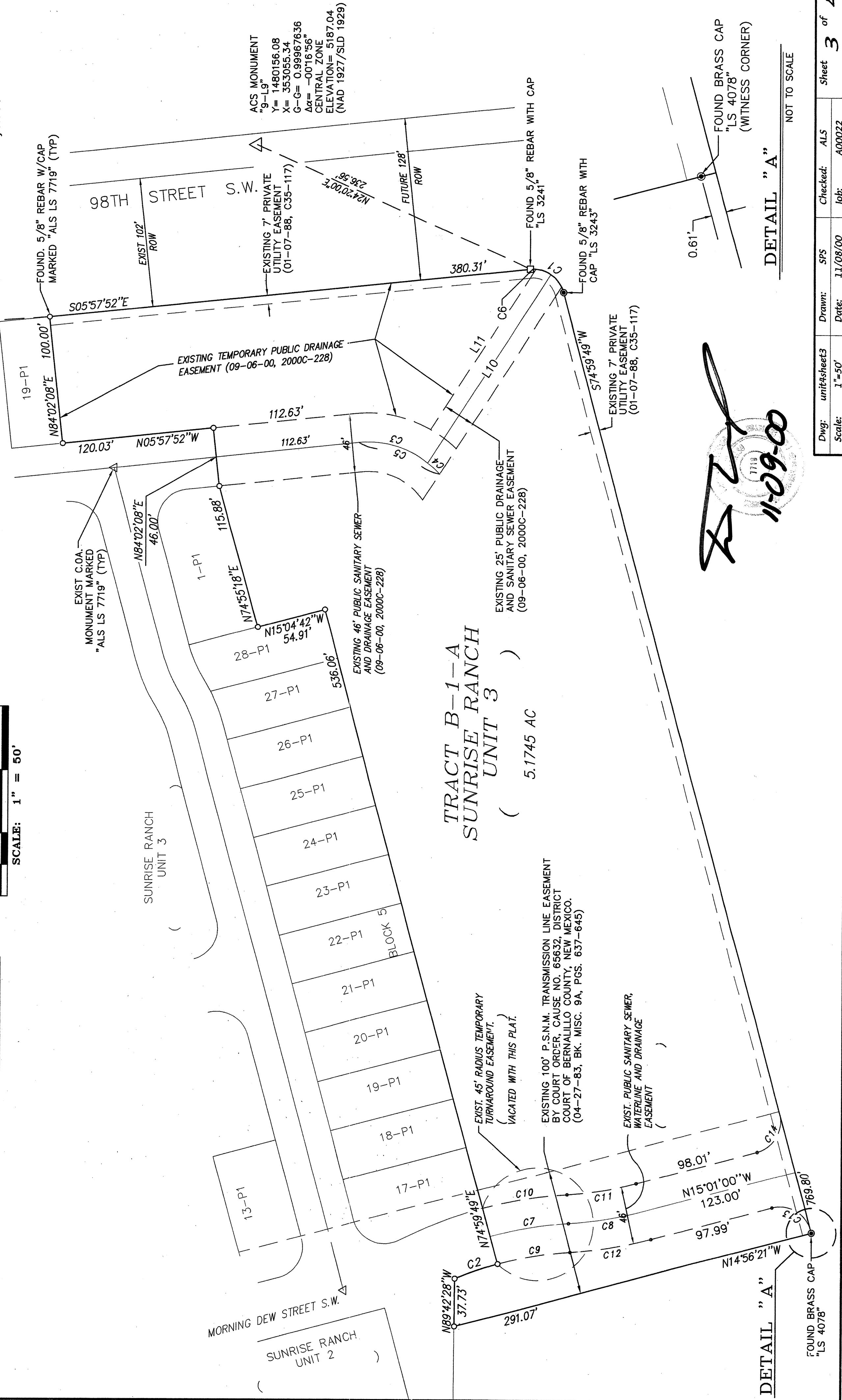
maintain facilities for the purposes described above, together with free access to, from and over said easement, including the right and privilege to trim and remove trees, shrubs or bushes which interfere with the purposes set forth herein. No building, sign, pool (above ground or subsurface), hot tub, concrete or wood pool decking, or other structure shall be erected or constructed on said easements, nor shall any well be drilled or operated thereon. Property owners shall be solely responsible for correcting any violations of National Electrical Safety Code caused by construction of pools, decking or any structures adjacent to within or near easements shown on this plat.
In approving this plat, the utility companies did not conduct a Title Search of the properties shown hereon. Consequently, the utility companies do not waive or release any easement or easement rights which may have been granted by prior plat, replat or other document and which are not shown on this plat.
Easements for electric transformers/switchgears, as installed, shall extend ten feet (10') in front of transformer/switchgear doors and five feet (5') on each side.

SCANNED BY
MESA REPRO

NUMBER	R = "	L = "	D = "	T = "	CH BEARING	CHORD LE = "
C1	25.00	35.33	80°57'41"	21.34	N34°30'58"E	32.46
C2	277.00	35.23	0°17'16"	17.64	N19°14'10"W	35.21
C3	75.00	58.03	44°19'56"	30.56	N16°12'05"E	56.59
C4	75.00	12.72	09°43'13"	6.38	N43°13'40"E	12.71
C5	75.00	70.75	54°03'09"	38.26	N27°03'42"E	68.16
C6	25.00	4.46	10°13'29"	2.24	N00°51'08"W	4.46
C7	300.00	63.30	12°05'22"	31.77	N09°30'10"W	63.18
C8	300.00	60.32	11°33'30"	30.36	N09°14'15"W	60.42
C9	277.00	56.66	11°43'13"	28.43	N09°19'06"W	56.56
C10	323.00	67.83	12°03'00"	34.09	N09°28'60"W	67.81
C11	277.00	55.88	11°33'30"	28.04	N09°14'15"W	55.79
C12	323.00	65.16	11°33'30"	32.69	N09°14'15"W	65.05
C13	25.00	39.26	82°59'12"	24.99	N29°59'24"E	35.35
C14	25.00	39.26	89°59'12"	24.99	N60°00'36"W	35.35



**SUNRISE RANCH
UNIT 4**
WITHIN THE
TOWN OF ATRISCO GRANT
PROJECTED SECTION 29
TOWNSHIP 10 NORTH, RANGE 2 EAST, NMPM
CITY OF ALBUQUERQUE
BERNALILLO COUNTY, NEW MEXICO
OCTOBER, 2000



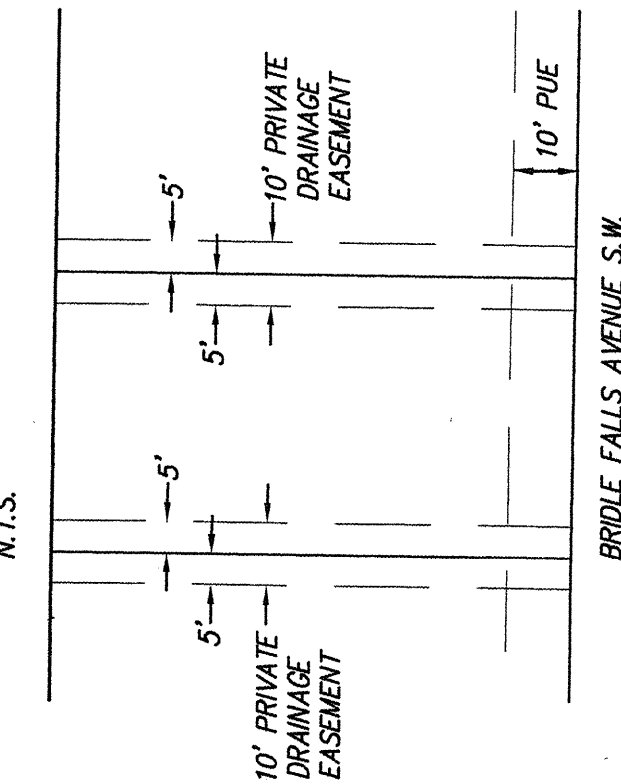
Handwritten signature and date: 11-09-00

DETAIL "A"

NOT TO SCALE

Dwg:	Unit4Sheet3	Drawn:	SFS	Checked:	ALS	Sheet	4
Scale:	1"=50'	Date:	11/08/00	Job:	A00022		

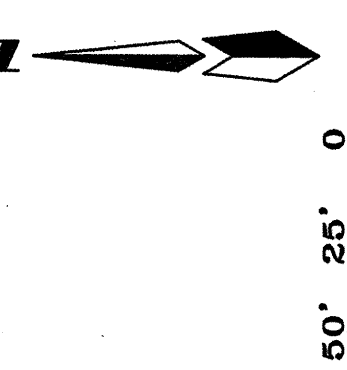
TYPICAL LOT DETAIL



NUMBER	R = "	L = "	D = "	T = "	CH BEARING	CHORD LE = "
C1	25.00	35.33	80°57'41"	21.34	N34°30'58"E	32.46
C2	277.00	35.23	0°17'16"	17.64	N19°14'10"W	35.21
C3	75.00	58.03	44°19'56"	30.56	N16°12'05"E	56.59
C4	75.00	12.72	09°43'13"	6.38	N43°13'40"E	12.71
C5	75.00	70.75	54°03'09"	38.26	N27°03'42"E	68.16
C6	25.00	4.46	10°13'29"	2.24	N00°51'08"W	4.46
C7	300.00	63.30	12°05'22"	31.77	N09°30'10"W	63.18
C8	300.00	60.32	11°33'30"	30.36	N09°14'15"W	60.42
C9	277.00	56.66	11°43'13"	28.43	N09°19'06"W	56.56
C10	323.00	67.83	12°03'00"	34.09	N09°28'60"W	67.81
C11	277.00	55.88	11°33'30"	28.04	N09°14'15"W	55.79
C12	323.00	65.16	11°33'30"	32.69	N09°14'15"W	65.05
C13	25.00	39.26	82°59'12"	24.99	N29°59'24"E	35.35
C14	25.00	39.26	89°59'12"	24.99	N60°00'36"W	35.35
C15	75.00	105.88	80°57'41"	64.01	N34°30'58"E	97.38
C16	75.00	152.81	40°20'25"	27.55	N14°12'20"E	51.72
C17	75.00	153.17	40°27'16"	27.76	N54°44'10"E	52.07
C18	52.00	73.48	80°57'41"	44.38	N34°30'58"E	61.32
C19	25.00	17.44	39°38'10"	9.09	N67°22'25"E	17.09
C20	95.00	15.01	07°36'29"	6.52	N71°11'34"E	13.00
C21	45.00	15.42	19°38'07"	7.79	N62°37'36"W	15.35
C22	45.00	28.10	37°03'11"	15.08	N04°37'00"E	47.97
C23	45.00	28.10	37°03'11"	15.08	N04°37'00"E	47.97
C24	45.00	19.37	24°35'15"	9.81	N26°12'13"W	19.16
C25	95.00	17.44	39°38'10"	9.09	N18°30'45"W	17.09
C26	95.00	5.37	03°08'19"	2.68	N00°05'50"W	5.37
C27	95.00	3.87	04°17'53"	3.68	N03°48'56"W	7.35
C28	25.00	30.87	70°44'18"	17.75	N39°37'40"E	28.94
C29	25.00	35.28	90°00'48"	25.01	N29°59'24"E	35.36
C30	25.00	44.05	100°57'51"	30.31	N54°31'16"W	38.57
C31	277.00	2.81	00°34'51"	1.40	N03°44'55"W	2.81

**SUNRISE RANCH
UNIT 4**

WITHIN THE
TOWN OF ATRISCO GRANT
PROJECTED SECTION 29
TOWNSHIP 10 NORTH, RANGE 2 EAST, NMPM
CITY OF ALBUQUERQUE
BERNALILLO COUNTY, NEW MEXICO
OCTOBER, 2000



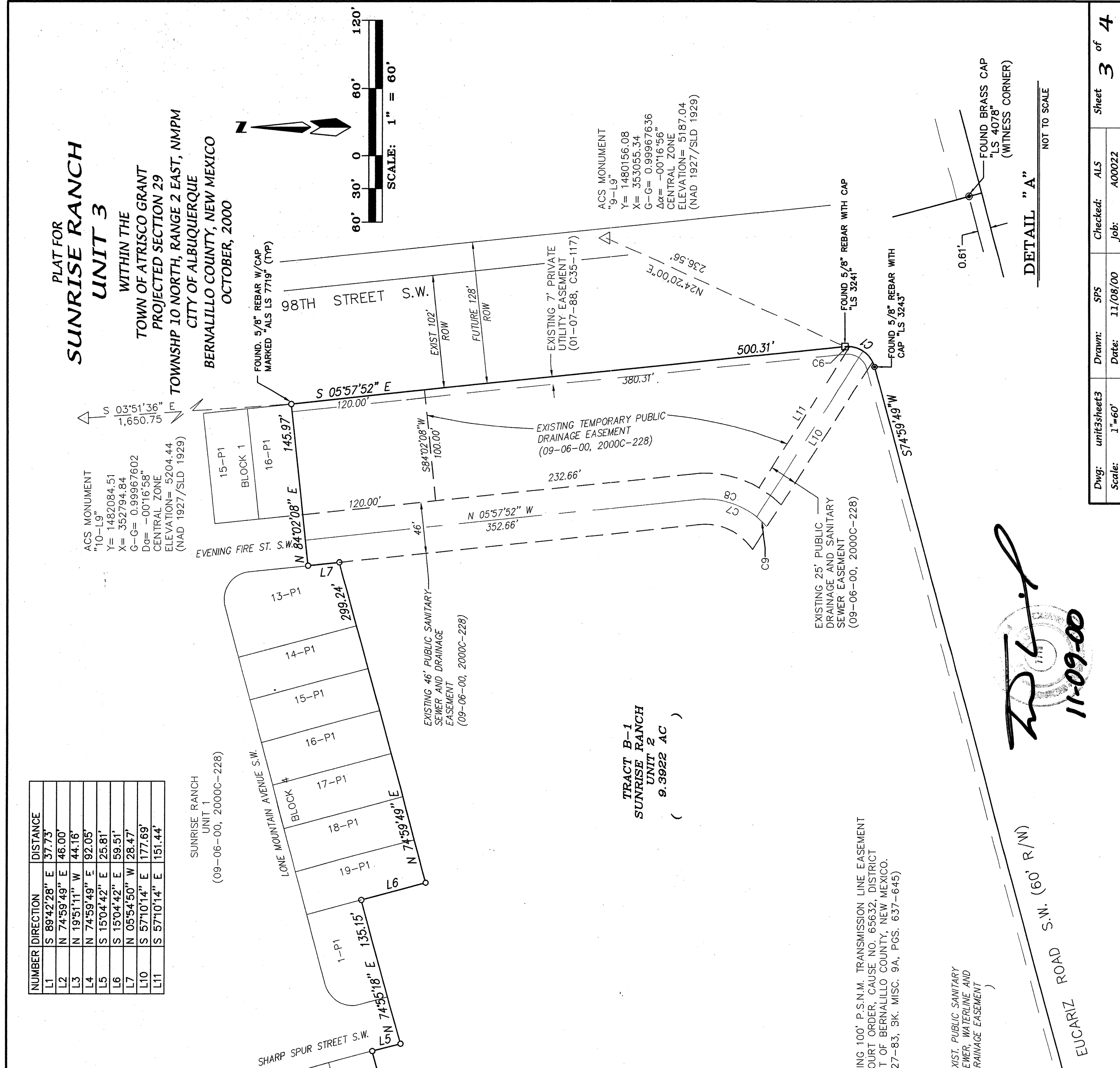
NOTE:
CENTERLINE (IN LIEU OF R/W) MONUMENTATION IS TO BE INSTALLED AT ALL CENTERLINE P.C.'S, P.T.'S, ANGLE POINTS AND STREET INTERSECTIONS AS SHOWN HEREON, AND WILL CONSIST OF A FOUR INCH (4") ALUMINUM ALLOW CAP STAMPED "CITY OF ALBUQUERQUE", "CENTERLINE MONUMENT", "DO NOT DISTURB", "PLS # 7719".

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

SCANNED BY
MESA REPRO

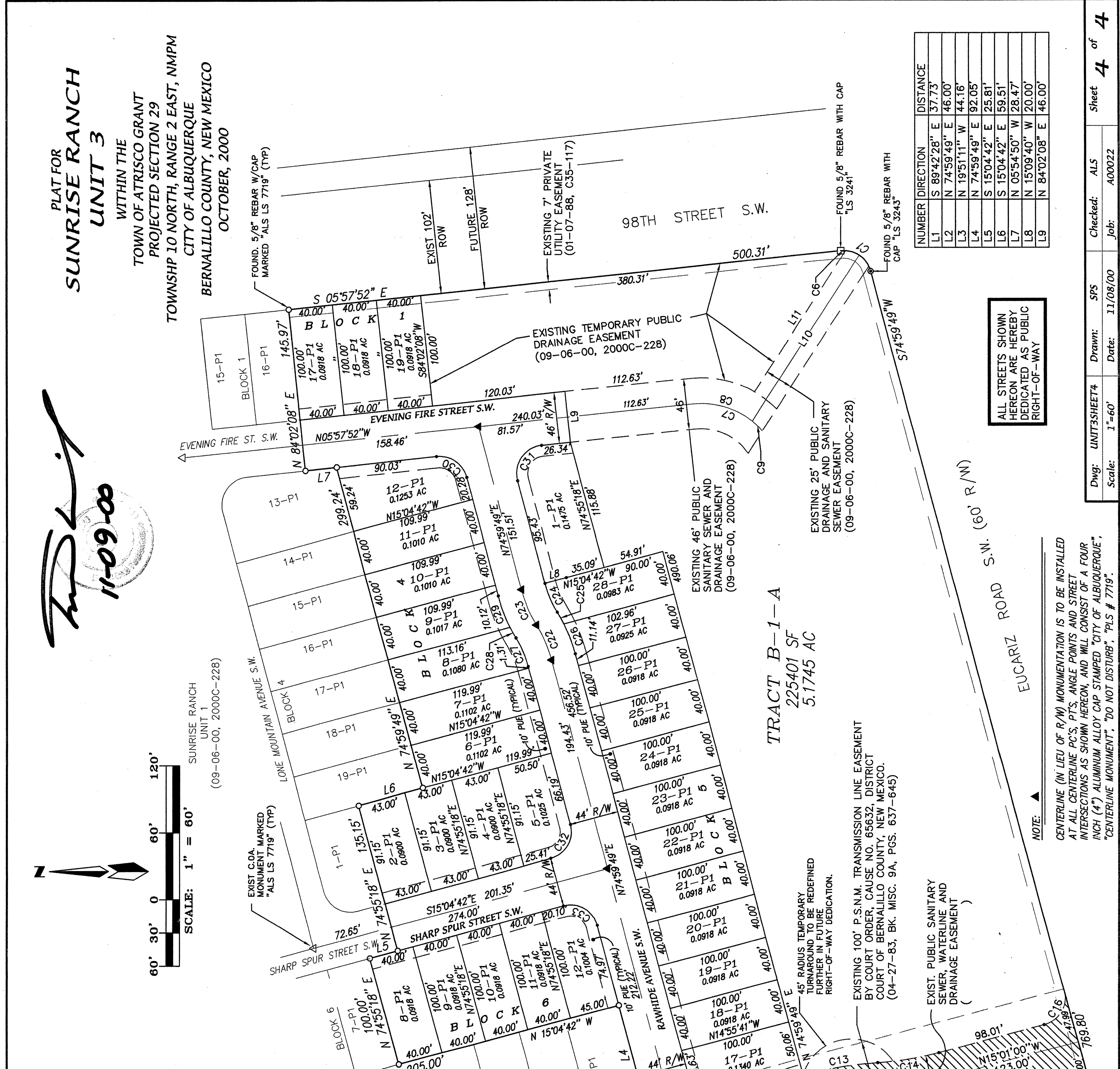
Dwg:	Unit4Sheet4	Drawn:	SFS	Checked:	ALS	Sheet	4
Scale:	1"=50'	Date:	11/08/00	Job:	A00022		

NUMBER	R	L	D	T	CH BEARIN	CHORD LE
C1	25.00	35.33	80°57'41"	21.34	N 34°30'58" E	32.46
C2	277.00	35.23	07°17'16"	17.64	S 19°14'10" E	35.21
C3	323.00	60.01	10°38'44"	30.09	S 20°49'52" E	59.93
C4	323.00	11.61	02°03'37"	5.81	N 25°07'25" W	11.61
C5	25.00	43.24	99°05'25"	29.32	N 25°27'06" E	38.05
C6	75.00	4.46	101°3'26"	2.24	N 00°51'08" W	4.46
C7	75.00	70.75	54°03'09"	36.26	N 21°03'42" E	68.16
C8	75.00	12.72	09°33'13"	6.38	S 43°13'40" W	12.71
C9	75.00	58.03	44°19'56"	30.56	S 16°12'05" W	56.59
C10	300.00	63.30	12°05'22"	31.77	N09°30'10" W	63.18
C11	277.00	58.66	12°08'02"	29.44	N09°31'31" W	58.55
C12	323.00	67.93	12°03'00"	34.09	N09°29'00" W	67.81
C13	323.00	55.88	11°33'30"	28.04	N09°14'15" W	55.79
C14	323.00	65.16	11°33'30"	32.49	N09°14'15" W	65.05
C15	25.00	39.26	89°59'12"	24.99	N60°00'36" W	35.35
C16	25.00	39.26	89°59'12"	24.99	N29°59'24" E	35.35
C17	25.00	39.26	89°59'12"	24.99	N29°59'24" E	35.35

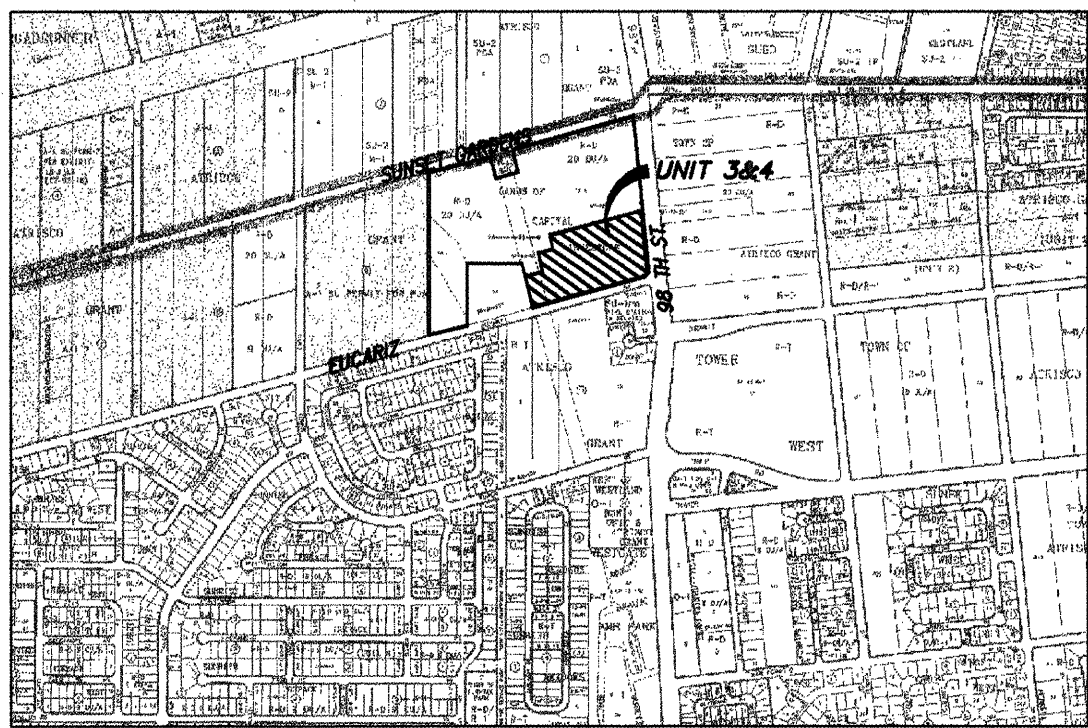
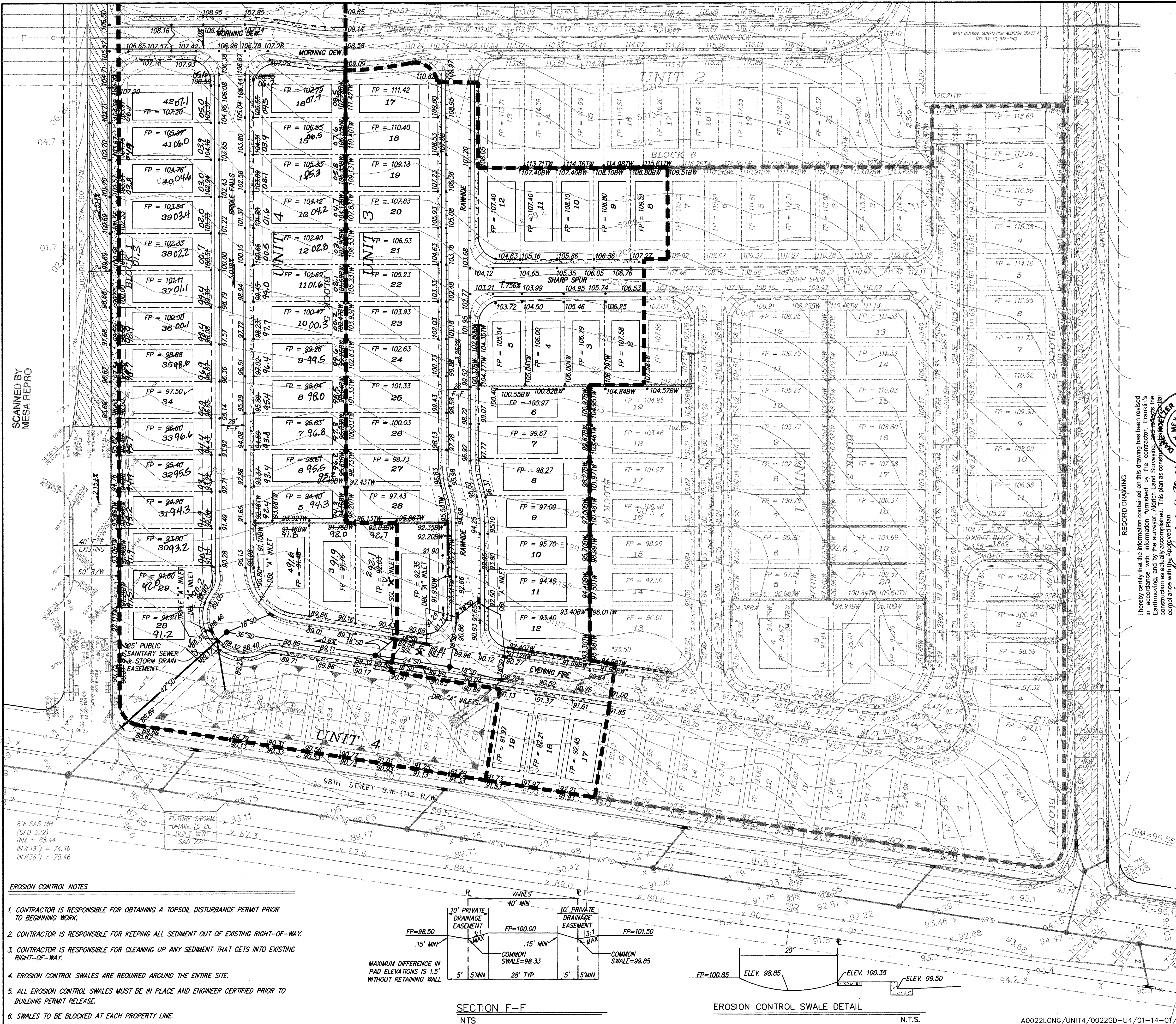


Dwg:	unit3sheet3	Drawn:	SPS	Checked:	ALS	Sheet	of
Scale:	1"=60'	Date:	11/08/00	Job:	A00022	3	4

NUMBER	R	L	D	T	CH BEARIN	CHORD LE
C1	25.00	35.33	80°57'41"	21.34	N 34°30'58" E	32.46
C2	277.00	35.23	07°17'16"	17.64	S 19°14'10" E	35.21
C3	323.00	60.01	10°38'44"	30.09	S 20°49'52" E	59.93
C4	323.00	11.61	02°03'37"	5.81	N 25°07'25" W	11.61
C5	25.00	43.24	99°05'25"	29.32	N 25°27'06" E	38.05
C6	75.00	4.46	101°3'26"	2.24	N 00°51'08" W	4.46
C7	75.00	70.75	54°03'09"	36.26	N 21°03'42" E	68.16
C8	75.00	12.72	09°33'13"	6.38	S 43°13'40" W	12.71
C9	75.00	58.03	44°19'56"	30.56	S 16°12'05" W	56.59
C10	300.00	63.30	12°05'22"	31.77	N09°30'10" W	63.18
C11	277.00	58.66	12°08'02"	29.44	N09°31'31" W	58.55
C12	323.00	67.93	12°03'00"	34.09	N09°29'00" W	67.81
C13	323.00	55.88	11°33'30"	28.04	N09°14'15" W	55.79
C14	323.00	65.16	11°33'30"	32.49	N09°14'15" W	65.05
C15	25.00	39.26	89°59'12"	24.99	N60°00'36" W	35.35
C16	25.00	39.26	89°59'12"	24.99	N29°59'24" E	35.35
C17	25.00	39.26	89°59'12"	24.99	N29°59'24" E	35.35
C18	25.00	39.26	89°59'12"	24.99	N29°59'24" E	35.35
C19	25.00	39.26	89°59'12"	24.99	N29°59'24" E	35.35
C20	25.00	39.26	89°59'12"	24.99	N29°59'24" E	35.35
C21	25.00	39.26	89°59'12"	24.99	N29°59'24" E	35.35
C22	25.00	39.26	89°59'12"	24.99	N29°59'24" E	35.35
C23	25.00	39.26	89°59'12"	24.99	N29°59'24" E	35.35
C24	25.00	39.26	89°59'12"	24.99	N29°59'24" E	35.35
C25	25.00	39.26	89°59'12"	24.99	N29°59'24" E	35.35
C26	25.00	39.26	89°59'12"	24.99	N29°59'24" E	35.35
C27	25.00	39.26	89°59'12"	24.99	N29°59'24" E	35.35
C28	25.00	39.26	89°59'12"	24.99	N29°59'24" E	35.35
C29	25.00	39.26	89°59'12"	24.99	N29°59'24" E	35.35
C30	25.00	39.26	89°59'12"	24.99	N29°59'24" E	35.35
C31	25.00	39.26	89°59'12"	24.99	N29°59'24" E	35.35
C32	25.00	39.26	89°59'12"	24.99	N29°59'24" E	35.35
C33	25.00	39.26	89°59'12"	24.99	N29°59'24" E	35.35



Dwg:	unit3sheet4	Drawn:	SPS	Checked:	ALS	Sheet	of
Scale:	1"=60'	Date:	11/08/00	Job:	A00022	4	4



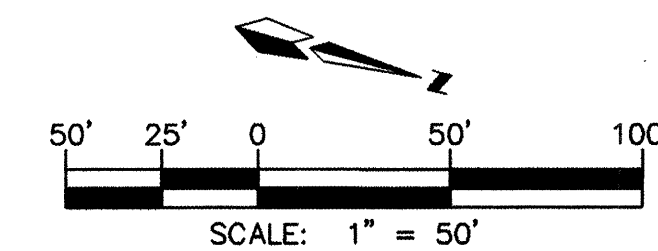
VICINITY MAP ZONE MAP: L-8, L-9

NOTES

1. ADD 5100' TO ALL SPOT ELEVATION.
2. MASONRY BLOCK WALLS (CMU) WILL BE CONSTRUCTED ON THE PROPERTY PERMETER. FENCES WILL BE USED ON ALL INTERNAL PROPERTY LINES UNLESS MASONRY WALLS ARE INDICATED.

LEGEND

- FP = 30.38 FINISHED PAD ELEVATION
- MOUNTABLE CURB & GUTTER
- STANDARD 8" CURB & GUTTER
- PROPOSED SPOT ELEVATION
- 3:1 SLOPE
- LOT 20
- PROPOSED DRAINAGE BASIN
- WATER BLOCK
- EXISTING WATER VALVE
- EXISTING SANITARY SEWER MANHOLE
- EXISTING CONTOUR
- EXISTING SPOT ELEVATION
- EXISTING OVERHEAD ELECTRIC LINE
- EXISTING POWER POLE
- TRACT/LOT BOUNDARY
- RIGHT OF WAY
- EASEMENTS
- CENTERLINE OF ROAD
- NEW RETAINING WALL
- 50' PAVEMENT TRANSITION
- FLOW DIRECTION
- SWALE
- NEW OFFSITE PAVEMENT
- NEW SIDEWALK



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

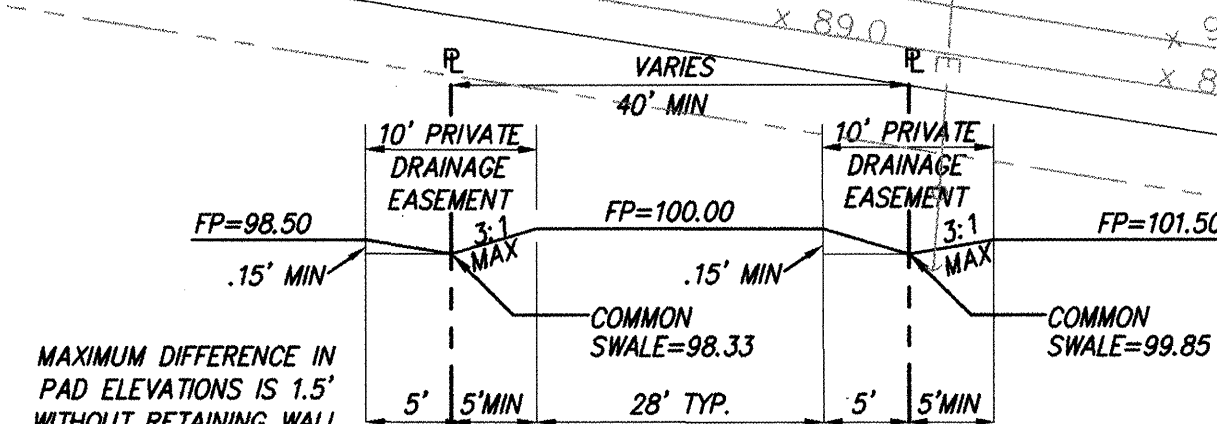
CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE: **SUNRISE RANCH - UNIT 3 & 4
GRADING AND DRAINAGE**

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	LAST DESIGN UPDATE	MO./DAY/YR.	MO./DAY/YR.
appas	DRD			
CITY PROJECT NO.	ZONE MAP NO.	SHEET	OF	
654381	L-8, L-9	6	19	

EROSION CONTROL NOTES

1. CONTRACTOR IS RESPONSIBLE FOR OBTAINING A TOPSOIL DISTURBANCE PERMIT PRIOR TO BEGINNING WORK.
2. CONTRACTOR IS RESPONSIBLE FOR KEEPING ALL SEDIMENT OUT OF EXISTING RIGHT-OF-WAY.
3. CONTRACTOR IS RESPONSIBLE FOR CLEANING UP ANY SEDIMENT THAT GETS INTO EXISTING RIGHT-OF-WAY.
4. EROSION CONTROL SWALES ARE REQUIRED AROUND THE ENTIRE SITE.
5. ALL EROSION CONTROL SWALES MUST BE IN PLACE AND ENGINEER CERTIFIED PRIOR TO BUILDING PERMIT RELEASE.
6. SWALES TO BE BLOCKED AT EACH PROPERTY LINE.



SECTION F-F
NTS

EROSION CONTROL SWALE DETAIL

N.T.S.

A0022LONG/UNIT4/0022GD-U4/01-14-01/NHM MJR

AS BUILT INFORMATION				BENCH MARKS		SURVEY INFORMATION				ENGINEER'S SEAL					
CONTRACTOR FRANKLINS				ACCS MONUMENT "9-19"		FIELD NOTES									
WORK	DATE	STAGED BY	DATE	Y	X	BY	DATE	NO.	BY			DATE	NO.		
ACCEPTANCE BY	DATE	ALS	10/01	1480756.08	353055.34										
FIELD VERIFICATION BY	DATE	ALS	10/01	G-C = 0.99967636											
DRAWINGS	DATE	ALS	10/01	DELTA ALPHA = -00°16'56"											
MICRO-FILM INFORMATION				CENTRAL ZONE (NO. 1927/SLD 1929)											
RECORDED BY W.A.E.				ELEVATION = 5187.04											
NO.															

DESIGNED BY DLH		DATE	3/00
DRAWN BY KJS, NJR		DATE	3/00
CHECKED BY DMG		DATE	3/00

0.

1

2

3

4

5

6

7

8

9

0.

1

2

3

4

5

6

7

8

9

0.

1

2

3

4

5

6

7

8

9

0.

1

2

3

4

5

6

7

8

9

0.

1

2

3

4

5

6

7

8

9

0.

1

2

3

4

5

6

7

8

9

0.

1

2

3

4

5

6

7

8

9

0.

1

2

3

4

5

6

7

8

9

0.

1

2

3

4

5

6

7

8

9

0.

1

2

3

4

5

6

7

8

9

0.

1

2

3

4

5

6

7

8

9

0.

1

2

3

4

5

6

7

8

9

0.

1

2

3

4

5

6

7

8

9

0.

1

2

3

4

5

6

7

8

9

0.

1

2

3

4

5

6

7

8

9

0.

1

2

3

4

5

6

7

8

9

0.

1

2

3

4

5

6

7

8

9

0.

1

2

3

4

5

6

7

8

9

0.

1

2

3

4

5

6

7

8

9

0.

1

2

3

4

5

6

7

8

9

0.

1

2

3

4

5

6

7

8

9

0.

1

2

3

4

5

6

7

8

9

0.

1

2

3

4

5

6

7

8

9

0.

1

2

3

4

5

6

7

8

9

0.

1

2

3

4

5

6

7

8

9

0.

1

2

3

4

5

6

7

8

9

0.

1

2

3

4

5

6

7

8

9

0.

1

2

3

4

5

6

7

8

9

0.

1

2

3

4

5

6

7

8

9

0.

1

2

3

4

5

6

7

8

9

0.

1

2

3

4

5

6

7

8

9

0.

1

2

3

4

5

6

7

8

9

0.

1

2

3

4

5

6

7

8

9

0.

1

2

3

4

5

6

7

8

9

0.

1

2

3

4

5

6

7

8

9

0.

1

2

3

4

5

6

7

8

9

0.

1

2

3

4

5

6

7

8

9

0.

1

2

3

4

5

6

7

8

9

0.

1

2

3

4

5

6

7

8

9

0.

1

2

3

4

5

6

7

8

9

0.

1

2

3

4

5

6

7

8

9

0.

1

2

3

4

5

6

7

8

9

0.

1

2

3

4

5

6

7

8

9

0.

1

2

3

4

5

6

7

8

9

0.

1

2

3

4

5

6

7

8

9

0.

1

2

3

4

5

6

7

8

9

0.

1

2

3

4

5

6

7

8

9

0.

1

2

3

4

5

6

7

8

9

0.

1

2

3

4

5

6

7

8

9

0.

1

2

3

4

5

6

7

8

9

0.

1

2

3

4

5

6

7

8

9

0.

1

2

3

4

5

6

7

8

9

0.

1

2

3

4

5

6

7

8

9

0.

1

2

3

4

5

6

7

8

9

0.

1

2

3

4

5

6

7

8

9

0.

1

2

3

4

5

6

7

8

9

0.

1

2

3

4

5

6

7

8

9

0.

1

2

3

4

5

6

7

8

9

0.

1

2

3

4

5

6

7

8

9

0.

1

2

3

4

5

6

7

8

9

0.

1

2

3

4

5

6

7

8

9

0.

1

2

3

4

5

6

7

8

9

0.

1

2

3

4

5

6

7

8

9

0.

1

2

3

4

5

6

7

8

9

0.

1

2

3

4

5

6

7

8

9

0.

1

2

3

4

5

6

7

8

9

0.

1

2

3

4

5

6

7

8

9

0.

1

2

3

4

5

6

7

8

9

0.

1

2

3

4

5

6

7

8

9

0.

1

2

3

4

5

6

7

8

9

0.

1

2

3

4

5

6

7

8

9

0.

1

2

3

4

5

6

7

8

9

0.

1

2

3

4

5

6

7

8

9

0.

1

2

3

4

5

6

7

8

9

0.

1

2

3

4

5

6

7

8

9

0.

1

2

3

4

5

6

7

8

9

0.

1

2

3

4

5

6

7

8

9

0.

1

2

3

4

5

6

7

8

9

0.

1

2

3

4

5

6

7

8

ENGINEER'S SEAL						SURVEY INFORMATION			BENCH MARKS			AS BUILT INFORMATION		
									FIELD NOTES					
NO.			BY			DATE			ACS MONUMENT "9-18". THE STATION IN LOCATED 5.3 MILES SOUTHWEST OF DOWNTOWN ALBUQUERQUE. TO REACH THE STATION FROM THE INTERSECTION OF I-40 AND 98TH ST., TRAVEL SOUTH ON 98TH ST. 1.3 MILES TO THE STATION ON THE LEFT. THE STATION IS 49.2' EAST OF THE CENTERLINE OF 98TH ST., AND IS 0.13 MILES NORTH OF RYMO CT. S.W.			CONTRACTOR FRANKLINS		
REMARKS			BY			DATE			WORK STAKED BY HLS DATE 6/01					
DESIGNED BY DLH			DATE 05/00			VERIFICATION BY HLS DATE 10/01			CORRECTED BY HLS DATE 10/01					
MICRO-FILM INFORMATION									RECORDED BY JME 3/15/03					
THE STATION IS AN ACS 3 1/4" ALUM. CAP INSETTED TO A PIPE														



EUCARIZ ROAD
STA. 10+00.00 TO STA. 14+69.93
SCALE: HORZ. 1" = 50'
VERT. 1" = 10'

0022\UNIT4\0022pp10\01-14-01\NHM MJR

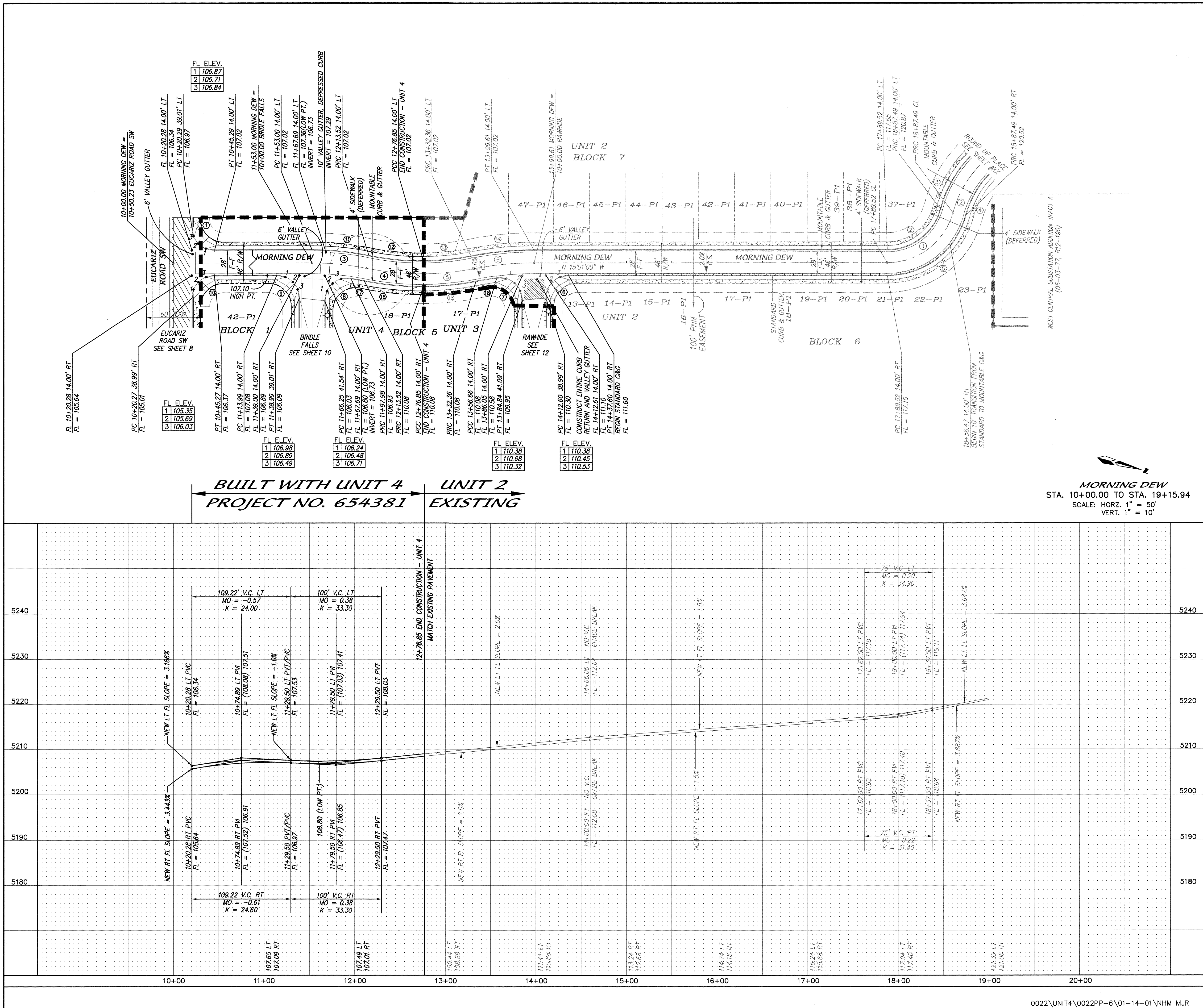
1. ALL STATIONING IS CENTERLINE STATIONING.

CURVE DATA - DESCRIBES FACE OF CURB

$$\begin{array}{ll} \textcircled{1} \Delta = 90^{\circ}00'48'' \text{ RT.} & \textcircled{2} \Delta = 89^{\circ}59'12'' \text{ RT.} \\ R = 25.00' & R = 25.00' \\ L = 39.28' & L = 39.26' \\ T = 25.01' & T = 24.99' \end{array}$$

ENGINEER'S SEAL						SURVEY INFORMATION			BENCH MARKS			AS BUILT INFORMATION		
						FIELD NOTES								
						NO.	BY	DATE						
									ACS MONUMENT "9-L". THE STATION IS LOCATED 5.3 MILES SOUTHWEST OF DOWNTOWN ALBUQUERQUE. TO REACH THE STATION FROM THE INTERSECTION OF I-40 AND 98TH ST., TRAVEL SOUTH ON 98TH ST. 1.3 MILES TO THE STATION ON THE LEFT. THE STATION IS 49.2' EAST OF THE CENTERLINE OF 98TH ST. AND IS 0.13 MILES NORTH OF RYMO CT. S.W.			CONTRACTOR FRANKLINS		
									WORK STARTED BY ALS			DATE 6/6/01		
									REMARKS			DATE 10/6/01		
									BY DWG			DATE 10/6/01		
									DESIGN			DATE 10/6/01		
									DESIGNED BY DLH			DATE 07/00		
									DRAWN BY MJR			DATE 07/00		
									CHECKED BY DWG			DATE 07/00		

SCANNED BY
MESA REPRO



NOTES

1. ALL STATIONING IS CENTERLINE STATIONING.

CURVE DATA - DESCRIBES CENTERLINE

① Δ = 74°50'48" R = 75.00' L = 97.97' T = 57.36'	② Δ = 28°42'23" R = 120.00' L = 60.12' T = 30.71'	③ Δ = 11°33'30" R = 300.00' L = 300.00' T = 33.73'
④ Δ = 120°05'44" R = 300.00' L = 63.33' T = 31.78'	⑤ Δ = 10°36'00" R = 300.00' L = 55.50' T = 27.83'	⑥ Δ = 11°08'14" R = 348.00' L = 67.28' T = 33.73'

CURVE DATA - DESCRIBES FACE OF CURB

① Δ = 90°00'48" R = 25.00' L = 38.28' T = 25.01'	② Δ = 74°50'48" R = 61.00' L = 79.69' T = 46.68'	③ Δ = 28°42'23" R = 25.00' L = 134.00' T = 89.00'
④ Δ = 28°42'23" R = 25.00' L = 53.11' T = 27.12'	⑤ Δ = 74°50'48" R = 61.00' L = 116.26' T = 86.10'	⑥ Δ = 89°59'12" RT R = 25.00' L = 39.28' T = 24.99'
⑦ Δ = 97°07'32" R = 25.00' L = 42.38' T = 28.32'	⑧ Δ = 98°34'41" R = 25.00' L = 43.01' T = 29.05'	⑨ Δ = 90°00'48" R = 25.00' L = 39.28' T = 25.01'
⑩ Δ = 89°59'12" R = 25.00' L = 39.23' T = 24.99'	⑪ Δ = 11°33'30" R = 314.00' L = 63.34' T = 31.78'	⑫ Δ = 12°05'44" R = 286.00' L = 60.34' T = 30.30'
⑬ Δ = 10°36'00" R = 296.00' L = 52.91' T = 26.53'	⑭ Δ = 11°08'14" R = 360.00' L = 69.98' T = 35.10'	⑮ Δ = 10°36'00" R = 314.00' L = 58.09' T = 29.13'
⑯ Δ = 12°05'44" R = 314.00' L = 66.29' T = 33.27'	⑰ Δ = 02°58'01" R = 286.00' L = 14.81' T = 7.41'	⑱ Δ = 04°01'30" R = 332.00' L = 23.32' T = 11.67'

2.0% C.S. = CROSS SLOPE, NO CROWN SECTION

RECORD DRAWING

I hereby certify that the information contained on this drawing has been revised in accordance with information furnished by the contractor, Franklin's Earthmoving, Inc., and by the surveyor, Aldrich Land Surveyors, and reflects the construction as actually accomplished. This statement constitutes in substantial compliance with the Approved Plan.

Diane Hoelzer 12-24-01
Diane Hoelzer, P.E.
NMP 11967

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

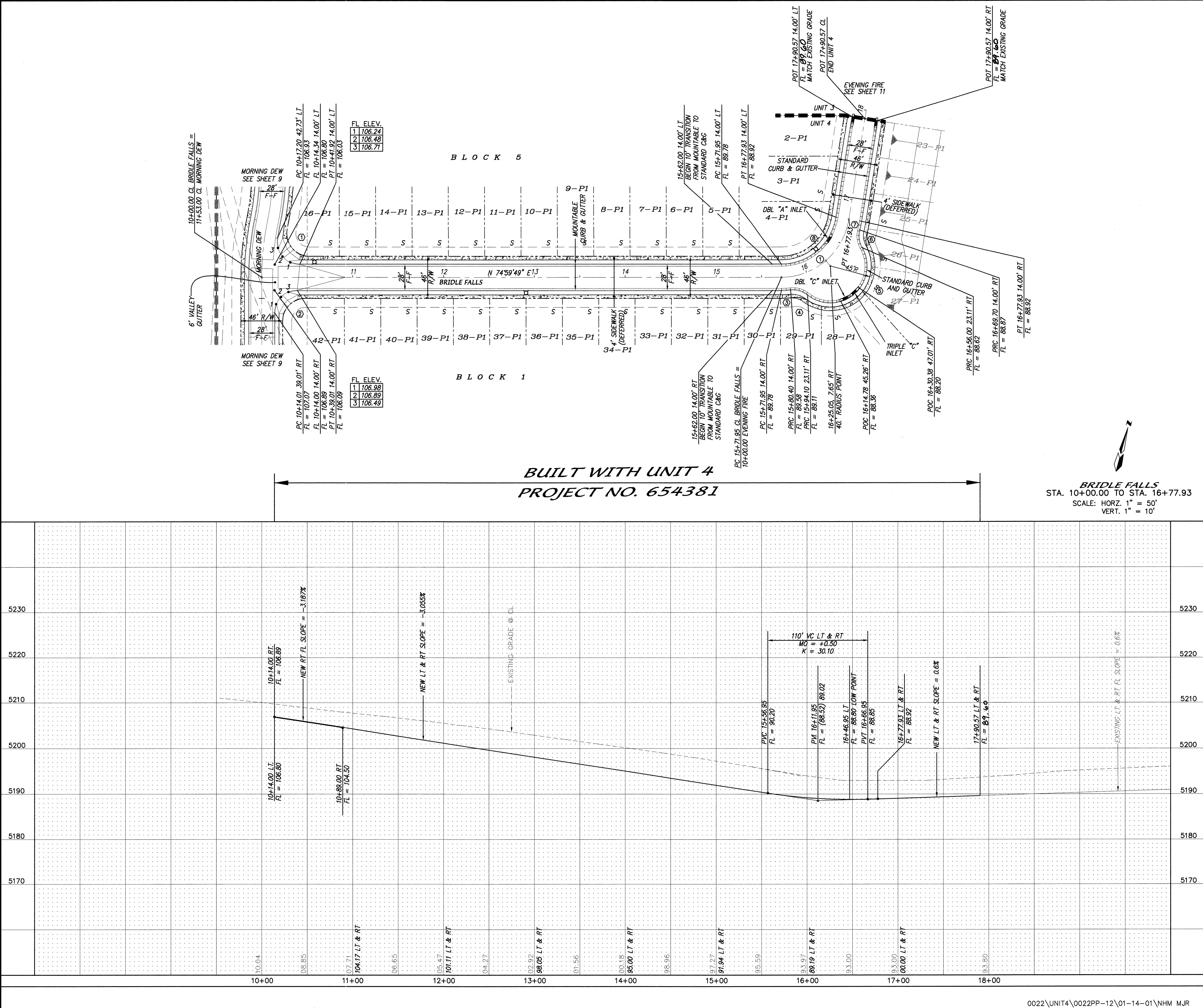
CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE: **SUNRISE RANCH - UNIT 4 MORNING DEW PAVING IMPROVEMENTS**

DESIGN REVIEW COMMITTEE MAY - 1 2001	CITY ENGINEER APPROVAL MAY 16 2001
---	---------------------------------------

CITY PROJECT NO. **654381** ZONE MAP NO. **L-8, L-9** SHEET **9** OF **19**

SCANNED BY
MESA REPRO



NOTES

1. ALL STATIONING IS CENTERLINE STATIONING.

CURVE DATA - DESCRIBES CENTERLINE

① Δ = 80°57'41" RT.
R = 75.00'
L = 103.98'
T = 64.01'

CURVE DATA - DESCRIBES FACE OF CURB

② Δ = 90°00'48" R = 25.00' L = 39.28' T = 25.01'
③ Δ = 06°27'15" R = 88.00' L = 10.03' T = 5.02'
④ Δ = 45°29'27" R = 25.00' L = 19.85' T = 10.48'
⑤ Δ = 159°12'21" R = 40.00' L = 111.15' T = 218.00'
⑥ Δ = 45°29'27" R = 25.00' L = 19.85' T = 10.48'
⑦ Δ = 06°16'59" R = 88.00' L = 9.76' T = 4.88'
⑧ Δ = 80°57'41" R = 61.00' L = 86.20' T = 52.08'

RECORD DRAWING

I hereby certify that the information contained on this drawing has been revised in accordance with information furnished by the City of Albuquerque, New Mexico, and by the surveyor, Aldrich Land Surveying, Inc., and that the construction as actually accomplished. This plan and specification is in substantial compliance with the Approved Plan.

Diane Hoelzer 12-24-01
Diane Hoelzer, P.E. NMPE 11967

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

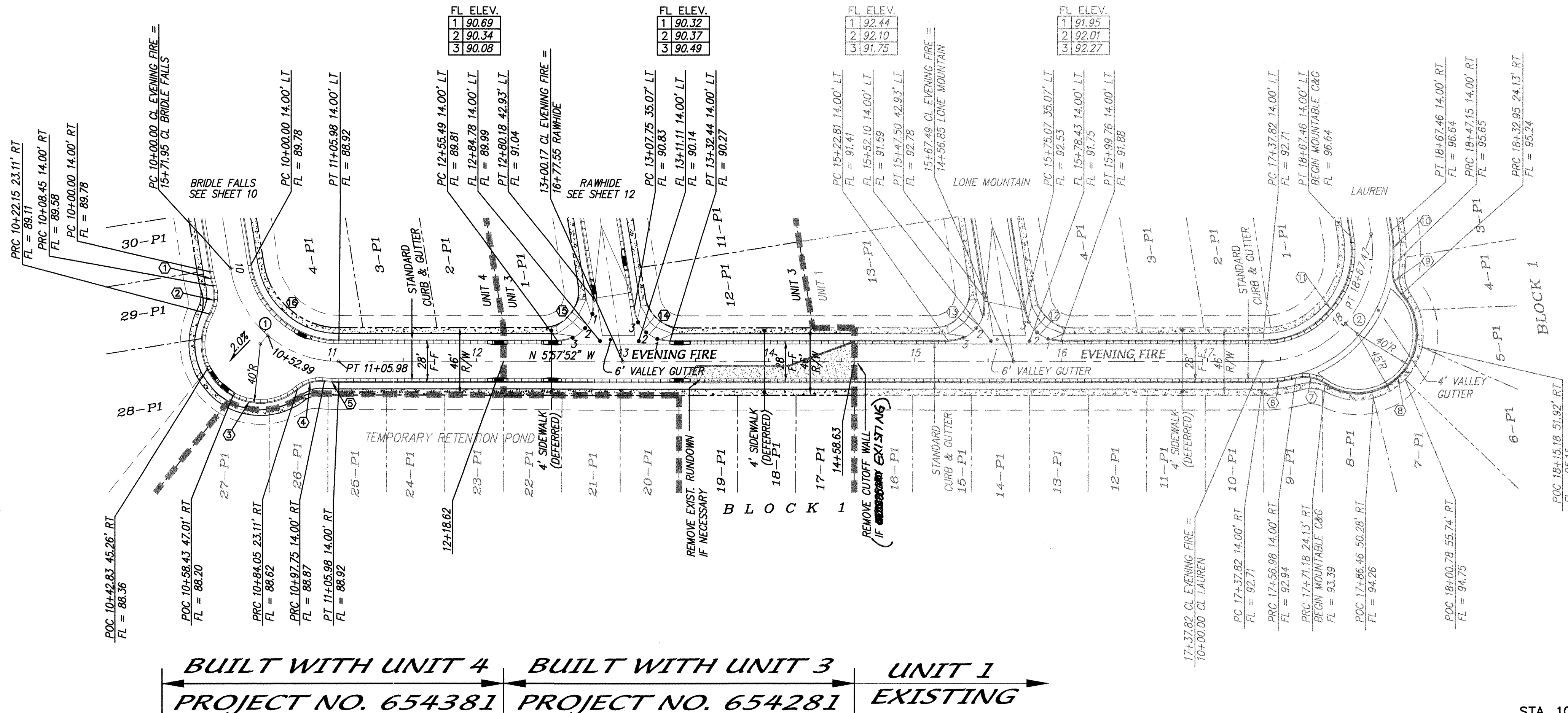
**CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP**

TITLE: **SUNRISE RANCH - UNIT 4
BRIDLE FALLS & EVENING FIRE
PAVING IMPROVEMENTS**

DESIGN REVIEW COMMITTEE APPROVED MAY - 1 2001	CITY ENGINEER APPROVAL APPROVED MAY 16 2001	LAST DESIGN UPDATE	MO./DAY/YR.	MO./DAY/YR.
DESIGN REVIEW COMMITTEE	CITY ENGINEER			

CITY PROJECT NO. **654381** ZONE MAP NO. **L-8, L-9** SHEET **10** OF **19**

SCANNED BY
MESA REPRO



NOTES

1. ALL STATIONING IS CENTERLINE STATIONING.

CURVE DATA - DESCRIBES CENTERLINE

① $\Delta = 80^\circ 57' 41''$ RT. $R = 89.00'$
 $L = 105.98'$
 $T = 64.01'$

② $\Delta = 99^\circ 01' 19''$ RT. $R = 75.00'$
 $L = 123.04'$
 $T = 97.87'$

CURVE DATA - DESCRIBES FACE OF CURB

① $\Delta = 06^\circ 27' 15''$ RT. $R = 89.00'$
 $L = 10.03'$
 $T = 5.02'$

② $\Delta = 45^\circ 29' 27''$ RT. $R = 25.00'$
 $L = 19.85'$
 $T = 10.48'$

③ $\Delta = 159^\circ 12' 21''$ RT. $R = 40.00'$
 $L = 111.15'$
 $T = 218.00'$

④ $\Delta = 45^\circ 29' 27''$ RT. $R = 25.00'$
 $L = 19.85'$
 $T = 10.48'$

⑤ $\Delta = 06^\circ 16' 59''$ RT. $R = 89.00'$
 $L = 9.76'$
 $T = 4.88'$

⑥ $\Delta = 14^\circ 38' 12''$ RT. $R = 89.00'$
 $L = 22.74'$
 $T = 11.43'$

⑦ $\Delta = 48^\circ 16' 17''$ RT. $R = 25.00'$
 $L = 21.06'$
 $T = 11.20'$

⑧ $\Delta = 165^\circ 25' 36''$ RT. $R = 40.00'$
 $L = 115.49'$
 $T = 312.83'$

⑨ $\Delta = 48^\circ 16' 17''$ RT. $R = 25.00'$
 $L = 21.06'$
 $T = 11.20'$

⑩ $\Delta = 153^\circ 05' 05''$ RT. $R = 89.00'$
 $L = 24.10'$
 $T = 12.13'$

⑪ $\Delta = 99^\circ 02' 19''$ RT. $R = 61.00'$
 $L = 105.44'$
 $T = 71.47'$

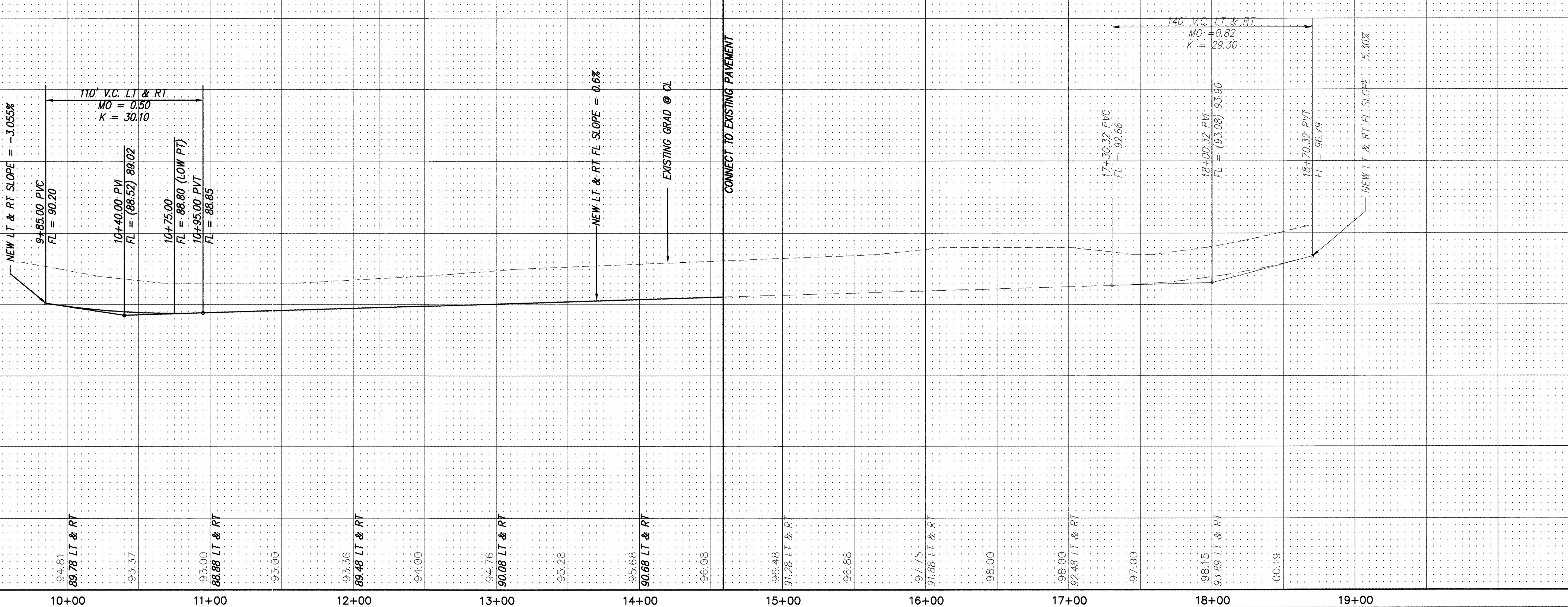
⑫ $\Delta = 80^\circ 57' 41''$ RT. $R = 25.00'$
 $L = 35.33'$
 $T = 21.34'$

⑬ $\Delta = 99^\circ 02' 19''$ RT. $R = 25.00'$
 $L = 35.33'$
 $T = 21.34'$

⑭ $\Delta = 80^\circ 57' 41''$ RT. $R = 61.00'$
 $L = 86.20'$
 $T = 52.06'$

⑮ $\Delta = 80^\circ 57' 41''$ RT. $R = 61.00'$
 $L = 86.20'$
 $T = 52.06'$

EVENING FIRE
STA. 10+00.00 TO STA. 18+67.47
SCALE: HORZ. 1" = 50'
VERT. 1" = 10'



RECORD DRAWING

I hereby certify that the information contained on this drawing has been revised in accordance with information furnished by the contractor, Franklin's Earthmoving, Inc., and by the surveyor, Aldrich & Associates, and reflects the construction as actually accomplished. This design is in substantial compliance with the Approved Plans.

Diane Hoelzer 12-24-01
Diane Hoelzer, P.E.
NMPE 11967

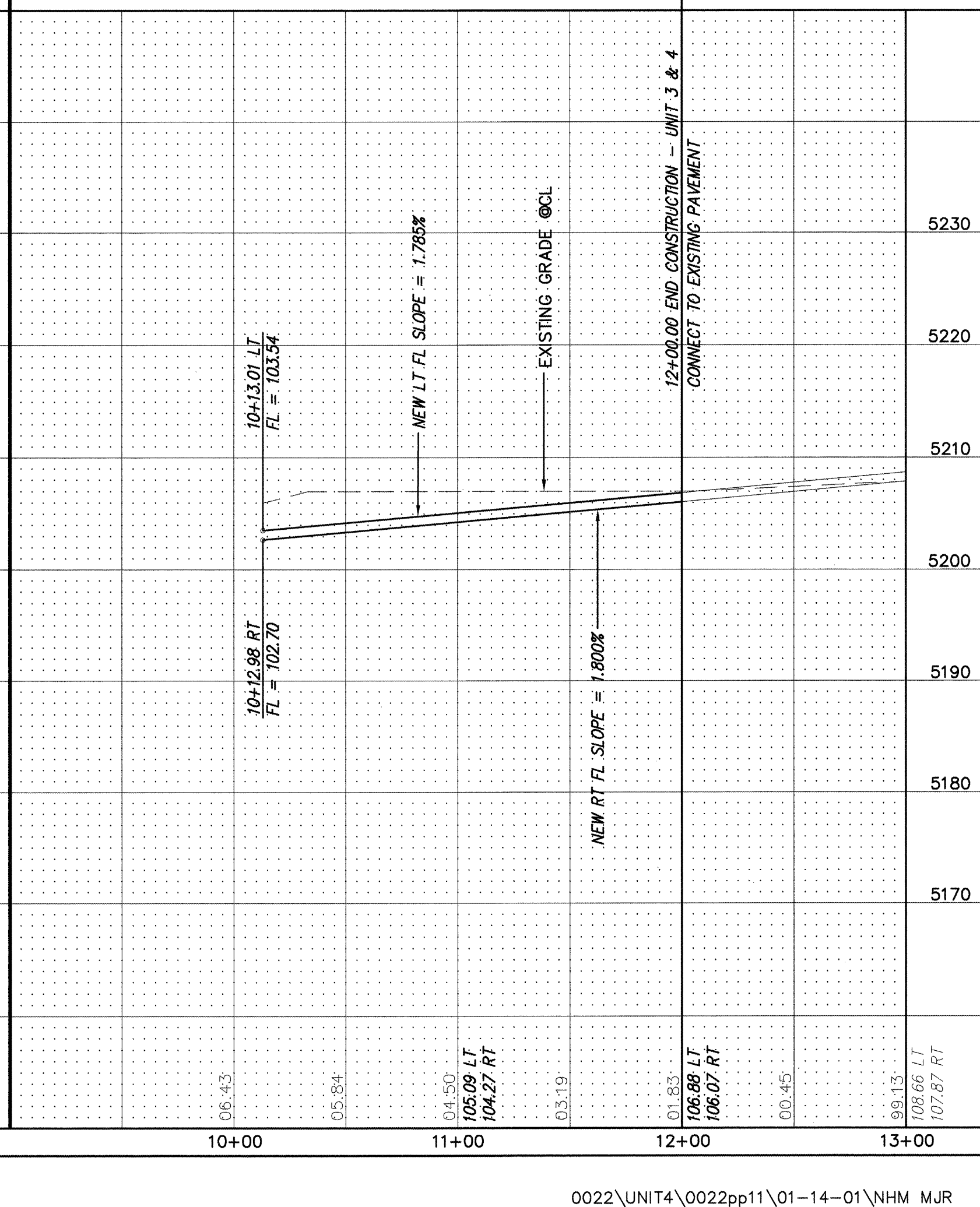
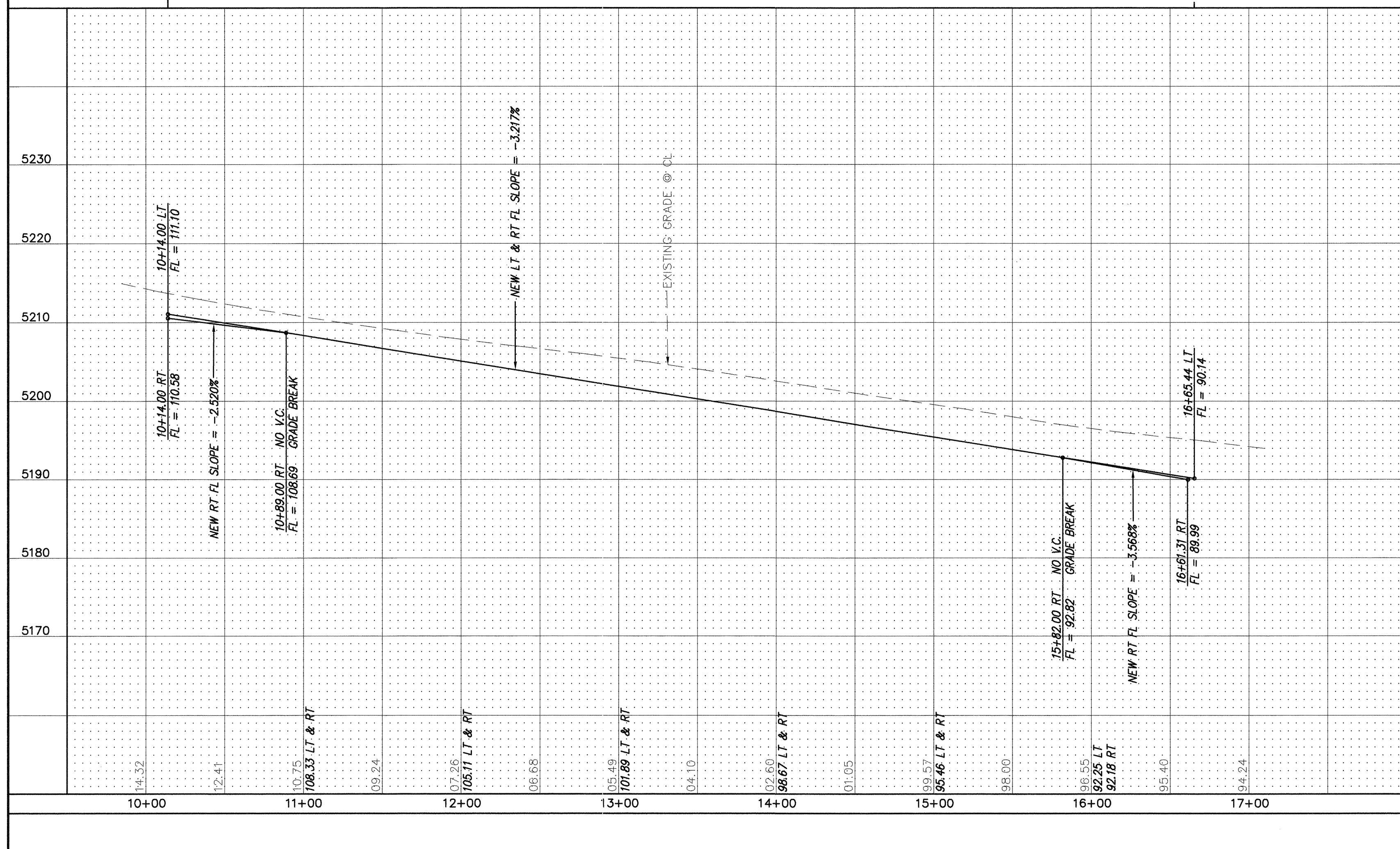
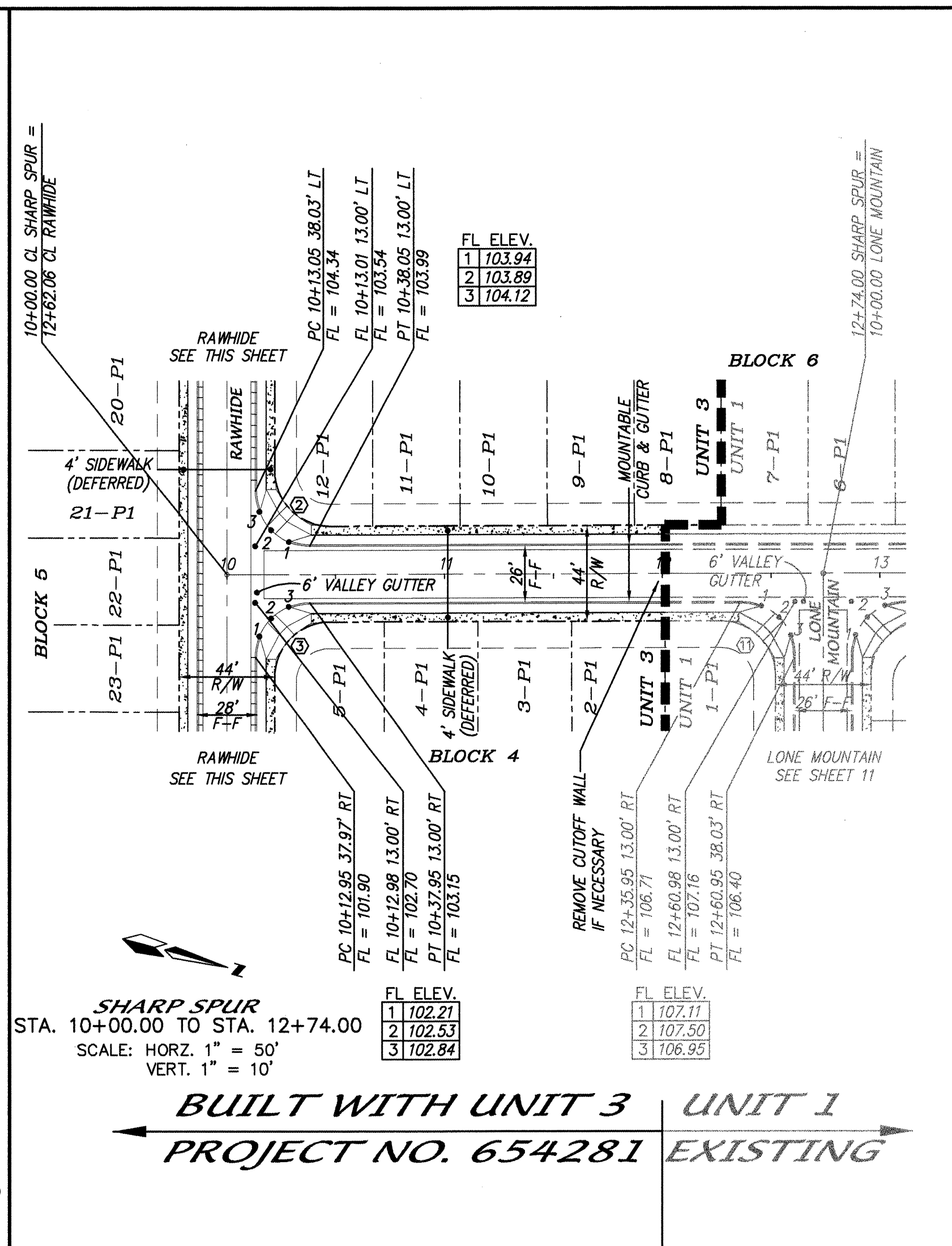
dmg MARK GOODWIN & ASSOCIATES, P.A.
CONSULTING ENGINEERS
P.O. BOX 90606
ALBUQUERQUE, NEW MEXICO 87199
(505) 828-2200, FAX (505) 797-9539

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE: **SUNRISE RANCH - UNIT 4
EVENING FIRE
PAVING IMPROVEMENTS**

DESIGN REVIEW COMMITTEE	CITY ENGINEER - APPROVAL	LAST UPDATE	MO./DAY/YR.	MO./DAY/YR.
APPROVED MAY 1 2001	APPROVED MAY 16 2001			
DESIGN REVIEW COMMITTEE	CITY ENGINEER			

CITY PROJECT NO. **654381** ZONE MAP NO. **L-8, L-9** SHEET **11** OF **19**


$$\frac{2.0\%}{\text{C.S.}} = \begin{matrix} 2.0\% \text{ CROSS SLOPE} \\ \text{NO CROWN} \end{matrix}$$

NO.

AND IS STAMPED "9-L

--	--

2-2-2020

I hereby certify that the information contained on this drawing has been revised in accordance with information furnished by the contractor, Franklin's Earthmoving, Inc., and by the surveyor, Aldrich Land Surveying, and reflects the construction as actually accomplished. This plan was constructed in substantial compliance with the Approved Plan.

Diane Hoelzer 12-24-01

Diane Hoelzer, PE NMPE 11967

REGISTERED PROFESSIONAL ENGINEER
NO. 11967
STATE OF CALIFORNIA



CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE: **SUNRISE RANCH - UNIT 4
RAWHIDE & SHARP SPUR
PAVING IMPROVEMENTS**

APPROVE MAY - 1 2001 DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL MAY 16 2001 CITY ENGINEER	MO./DAY/YR.
---	--	-------------------------------------

CITY PROJECT NO. 654381	ZONE MAP NO. L-8, L-9	SHEET NO. 1
-----------------------------------	---------------------------------	-----------------------

0022\UNIT4\0022pp11\01-14-01\NHM MJR



I hereby certify that the information contained on this drawing has been revised in accordance with information furnished by the contractor, Franklin's Earthmoving, Inc., and by the surveyor, Aldrich Land Surveying, and reflects the construction as actually accomplished. This plan as constructed is in substantial compliance with the Approved Plan.

Diane Hoelzer 12-24-01

Diane Hoelzer, PE NMPE 11967

NEW MEXICO
1967



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:

DESIGN REVIEW COMMITTEE

APPROVED

MAY - 1 2001

DESIGN
REVIEW COMMITTEE

CITY ENGINEER APPROVAL
MAY 16 2001
CITY ENGINEER

LAST DESIGN UPDATE

CITY PROJECT NO. **654387**

ZONE MAP NO.
1-8 1-9

73

AS BUILT INFORMATION	
CONTRACTOR	FRANKLINS
WORK	
STARTED BY	ALS
DATE	6/01
ACCEPTANCE	DMG
DATE	10/01
FIELD	
VERIFICATION BY	ALS
DATE	10/01
DRAWINGS	
CORRECTED BY	ALS
DATE	10/01
MICRO-FILM INFORMATION	
RECORDED BY	
DATE	

BENCH MARKS

ACS MONUMENT "9-19". THE STATION IS LOCATED 5.3 MILES
SOUTHWEST OF DOWNTOWN ALBUQUERQUE. TO REACH THE STATION
FROM THE INTERSECTION OF I-40 AND 98TH ST., TRAVEL SOUTH ON
98TH ST. 1.3 MILES TO THE STATION ON THE LEFT. THE STATION IS
49.2' EAST OF THE CENTERLINE OF 98TH ST., AND IS 0.13 MILES
NORTH OF RYKO CT., S.W.

THE STATION IS AN ACS 3 1/4" ALUM. CAP RIVETED TO A PIPE

[illegible][illegible]

UNIT		GROUP
UNIT 4		
PLAN		
MO./DAY/YR.	MO./DAY/YR.	MO./DAY/YR.
O.	SHEET	OF
1-9	13	

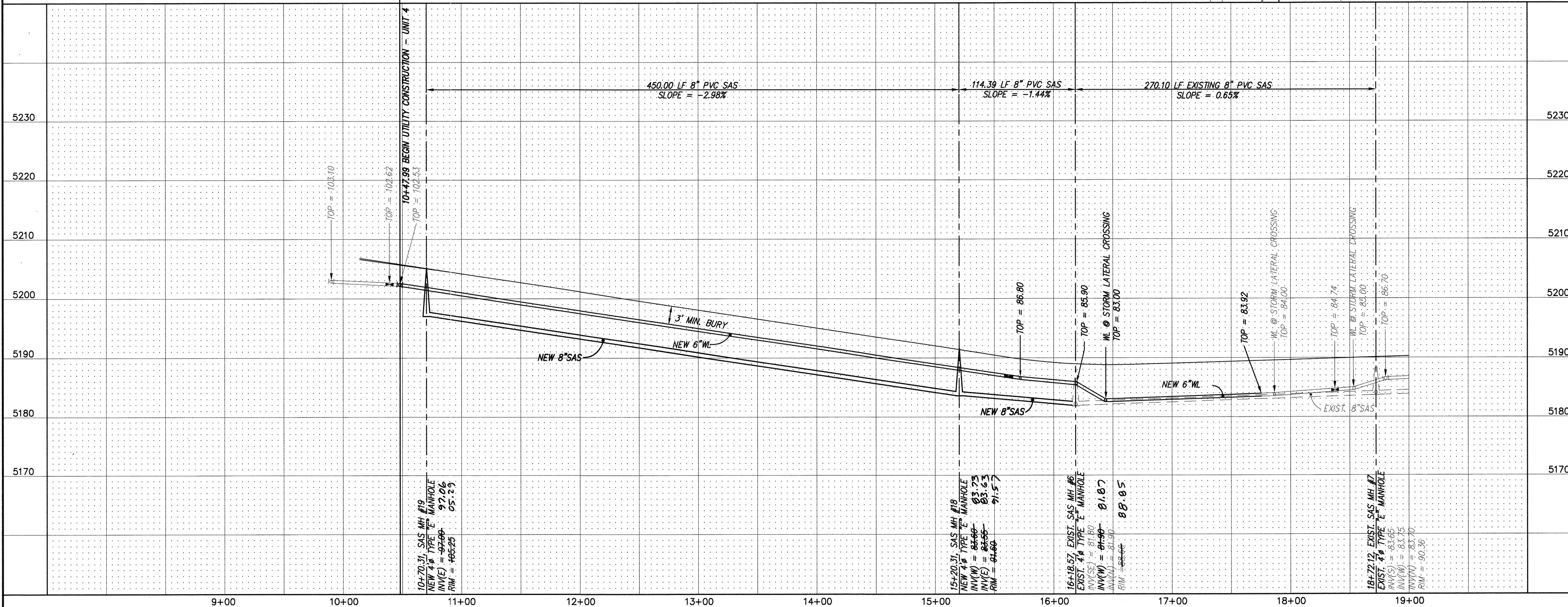
SCANNED BY
MESA REPRO

BRIDLE FALLS & EVENING FIRE
STA. 10+00.00 TO STA. 16+77.93
SCALE: HORIZ. 1" = 50'
VERT. 1" = 10'

UNIT 2
EXISTING

BUILT WITH UNIT 4
PROJECT NO. 654381

BUILT WITH UNIT 3
PROJECT NO. 654281



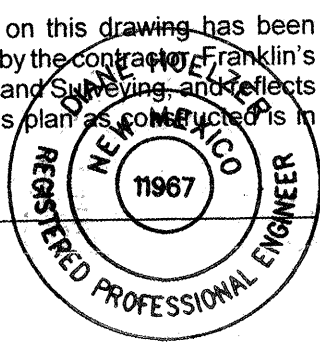
NOTES

1. ALL STATIONING IS CENTERLINE STATIONING.

RECORD DRAWING

I hereby certify that the information contained on this drawing has been revised in accordance with information furnished by the contractor, Franklin's Earthmoving, Inc., and by the surveyor, Aldrich Land Surveying, and reflects the construction as actually accomplished. This plan is a true and correct copy of the original as submitted for record.

Diane Hoelzer, P.E. 12-24-01
Diane Hoelzer, P.E. NMPE 11967



SANITARY SEWER SERVICES

BLOCK	LOT	STATION AT PUE	INV. ELEV. AT PUE	LENGTH AT PUE
1	20-P1	18+80.58	85.13	33.00'
1	21-P1	18+40.58	84.89	33.00'
1	22-P1	18+00.58	84.65	33.00'
1	23-P1	17+60.58	84.41	33.00'
1	24-P1	17+20.58	84.17	33.00'
1	25-P1	16+80.58	83.93	33.00'
1	26-P1	16+40.58	83.69	33.00'
1	27-P1	16+00.58	83.45	33.00'
1	28-P1	15+60.58	83.21	33.00'
1	29-P1	15+20.58	82.97	33.00'
1	30-P1	14+80.58	82.73	33.00'
1	31-P1	14+40.58	82.49	33.00'
1	32-P1	14+00.58	82.25	33.00'
1	33-P1	13+60.58	82.01	33.00'
1	34-P1	13+20.58	81.77	33.00'
1	35-P1	12+80.58	81.53	33.00'
1	36-P1	12+40.58	81.29	33.00'
1	37-P1	12+00.58	81.05	33.00'
1	38-P1	11+60.58	80.81	33.00'
1	39-P1	11+20.58	80.57	33.00'
1	40-P1	10+80.58	80.33	33.00'
1	41-P1	10+40.58	80.09	33.00'
1	42-P1	10+00.58	79.85	33.00'
5	2-P1	17+00.58	84.37	33.00'
5	3-P1	17+00.58	84.37	33.00'
5	4-P1	17+00.58	84.37	33.00'
5	5-P1	17+00.58	84.37	33.00'
5	6-P1	17+00.58	84.37	33.00'
5	7-P1	17+00.58	84.37	33.00'
5	8-P1	17+00.58	84.37	33.00'
5	9-P1	17+00.58	84.37	33.00'
5	10-P1	17+00.58	84.37	33.00'
5	11-P1	17+00.58	84.37	33.00'
5	12-P1	17+00.58	84.37	33.00'
5	13-P1	17+00.58	84.37	33.00'
5	14-P1	17+00.58	84.37	33.00'
5	15-P1	17+00.58	84.37	33.00'
5	16-P1	17+00.58	84.37	33.00'

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'	72'
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.)

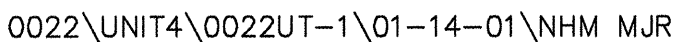
PIPE SIZE	RUN	BRANCH
10"x10"x6"	6'	1'
8"x8"x6"	7'	2'
6"x6"x6"	10'	2'
6"x6"x6"	10'	2'

MARK GOODWIN & ASSOCIATES, P.A.
CONSULTING ENGINEERS
P.O. BOX 90608
ALBUQUERQUE, NEW MEXICO 87199
(505) 828-2200, FAX (505) 797-9539

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP
TITLE: **SUNRISE RANCH - UNIT 4
BRIDLE FALLS & EVENING FIRE
UTILITY IMPROVEMENTS**

DESIGN REVIEW COMMITTEE
MAY - 1 2001
CITY ENGINEER
MAY 16 2001
LAST DESIGN UPDATE

CITY PROJECT NO. **654381**
ZONE MAP NO. **L-8, L-9**
SHEET **14** OF **19**



SANITARY SEWER SERVICES				
BLOCK	LOT	STATION AT PUE	INV. ELEV. AT PUE	LENGTH AT PUE
1	3-P1	18+61.08	91.27	32.61'
1	4-P1	18+36.21	90.17	32.06'
1	5-P1	18+21.87	89.61	37.02'
1	6-P1	18+05.96	89.07	31.59'
1	7-P1	17+49.51	88.60	31.77'
1	8-P1	17+24.44	88.17	32.37'
1	9-P1	17+4.34	87.79	32.46'
1	10-P1	17+08.63	87.53	33.00'
1	11-P1	16+68.63	87.29	33.00'
1	12-P1	16+28.63	87.05	33.00'
1	13-P1	15+88.63	86.81	33.00'
1	14-P1	15+48.63	86.57	33.00'
1	15-P1	15+08.63	86.33	33.00'
1	16-P1	14+68.63	86.09	33.00'
1	17-P1	14+28.63	85.85	33.00'
1	18-P1	13+88.63	85.61	33.00'
1	19-P1	13+48.63	85.37	33.00'
1	20-P1	12+88.63	85.13	33.00'
1	21-P1	12+68.63	84.89	33.00'
1	22-P1	12+28.63	84.65	33.00'
1	23-P1	11+88.63	84.41	33.00'
1	24-P1	11+48.63	84.17	33.00'
1	25-P1	11+08.63	83.93	33.00'
1	26-P1	10+82.52	83.80	33.00'
1	27=P1	10+63.66	83.82	33.00'
1	28-P1	10+38.37	84.04	33.00'
1	29-P1	10+21.70	84.30	33.00'
3	1-P1	17+61.23	88.01	33.00'
3	2-P1	17+05.74	87.51	33.00'
3	3-P1	16+50.67	87.24	33.00'
3	4-P1	16+40.53	87.12	33.00'
5	1-P1	12+27.45	84.64	33.00'
5	2-P1	11+81.88	84.37	33.00'
5	3-P1	11+31.24	84.07	33.00'
5	4-P1	11+10.98	83.95	33.00'

PIPE SIZE	90°	45°	22.5°	11.25°	VALVE
6"	17'	7'	3'	2'	46'
8"	22'	9'	4'	2'	72'
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"x6"	6'	1'
8"x8"x6"	7'	2'
6"x6"x6"	10'	2'
6"x6"x6"	10'	2'

 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

TITLE: *SUNRISE RANCH - U
EVENING FIRE
UTILITY IMPROVEM*

DESIGN REVIEW COMMITTEE

APPROVED

MAY - 1 2001

DESIGN REVIEW COMMITTEE

CITY ENGINEER APPROVAL

APPROVED

MAY 16 2001

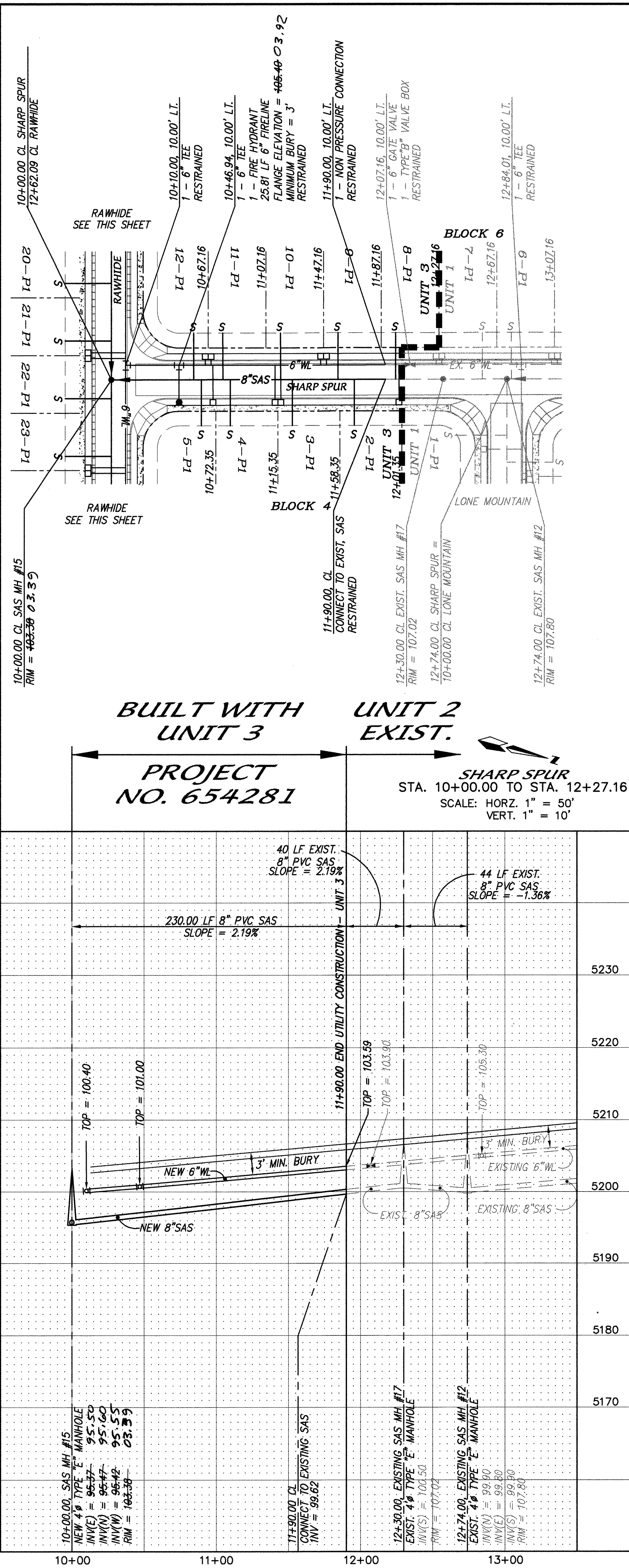
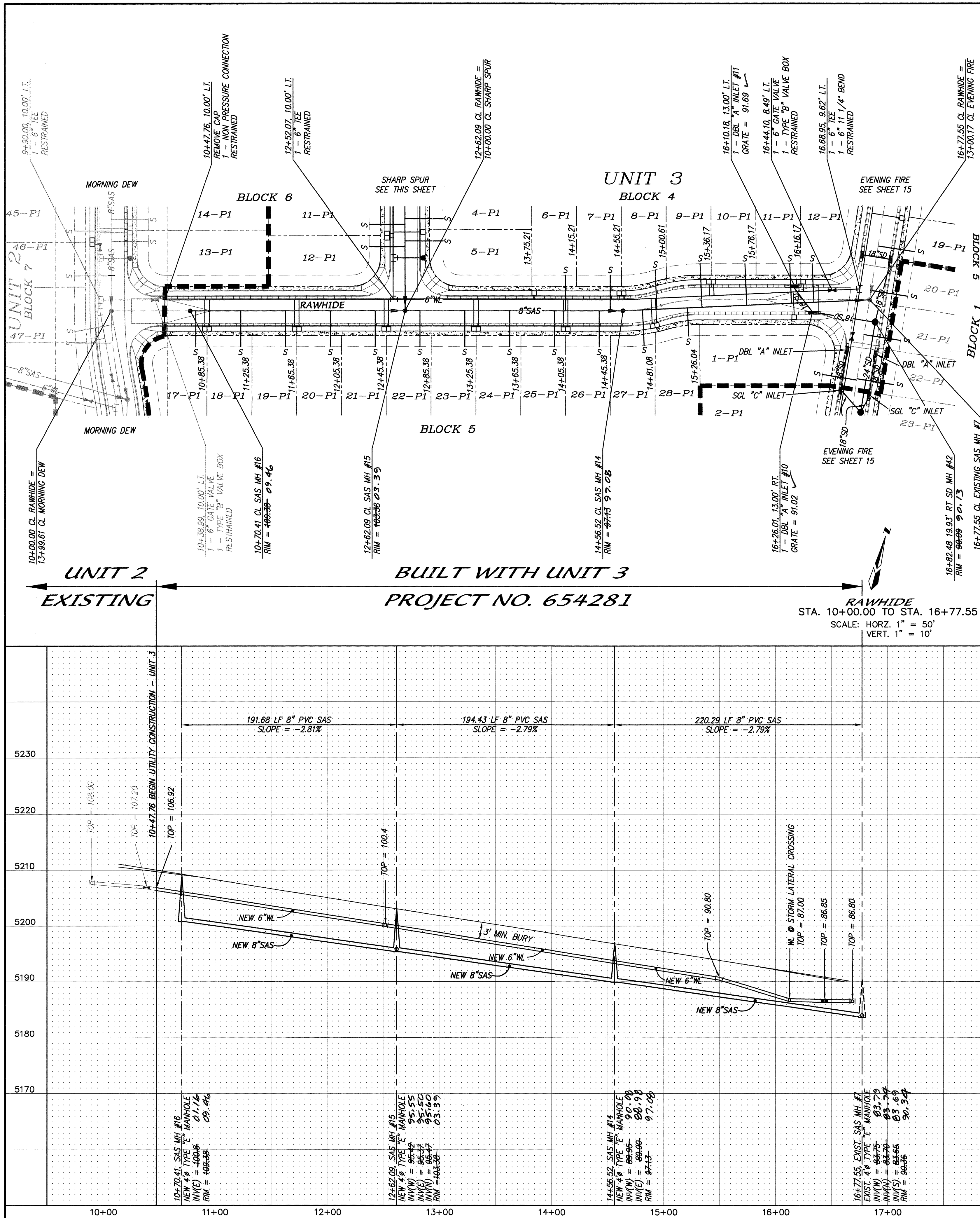
CITY ENGINEER

AST DESIGN UPDATE

CITY PROJECT NO. 654381	ZONE MAP NO. L-8,
-----------------------------------	-----------------------------

MO./DAY/YR.		MO./DAY/YR.		SHEET OF	
1-9		15 19			
ENTRANTS UNIT 4 TEST GROUP					
NO.		DATE		REMARKS	
BY		DATE		DESIGNED BY	
				DLH 07/00	
				DRAWN BY	
				MJR 07/00	
				CHECKED BY	
				DMG 07/00	
ENGINEER'S SEAL		FIELD NOTES		BENCH MARKS	
		NO. BY DATE 1 1 1991		ACS MONUMENT "9-19". THE STATION IS LOCATED 5.3 MILES SOUTHWEST OF DOWNTOWN ALBUQUERQUE. TO REACH THE STATION FROM THE INTERSECTION OF I-40 AND 98TH ST., TRAVEL SOUTH ON 98TH ST. 1.3 MILES TO THE STATION ON THE LEFT. THE STATION IS 49.2' EAST OF THE CENTERLINE OF 98TH ST. AND IS 0.13 MILES NORTH OF RYMO CT. S.W. THE STATION IS AN ACS 3 1/4" ALUM. CAP RIVETED TO A PIPE 0.25" ABOVE GROUND AND IS STAMPED "9-19, 1089". V. = 353.055 'M. ELEV. = 1,480.156 'M.	
		NO. DATE 1 1 1991		CONTRACTOR WORK STARTED BY DATE ACCEPTANCE BY DATE FIELD LOCATION BY DATE DRAWINGS BY DATE CORRECTED BY DATE MICROFILM INFORMATION DATE	
				FRANKLINS DATE 10/61 DATE 10/61 DATE 10/61 DATE 10/61	

SCANNED BY
MESA REPRO



NOTES

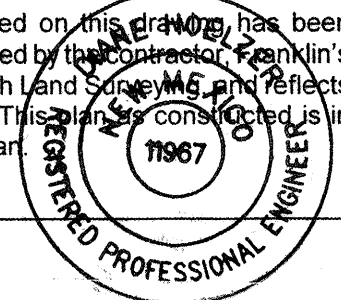
1. ALL STATIONING IS CENTERLINE STATIONING.

SANITARY SEWER SERVICES				
BLOCK	LOT	STATION AT PUE	INV. ELEV. AT PUE	LENGTH AT PUE
4	2-P1	11+68.35	201.31	32.00'
4	3-P1	11+25.35	200.54	32.00'
4	4-P1	10+82.35	200.36	32.00'
4	5-P1	10+62.35	198.42	32.00'
4	6-P1	14+05.20	93.01	32.00'
4	7-P1	14+45.20	91.75	32.00'
4	8-P1	14+94.18	90.65	35.34'
4	9-P1	15+26.15	89.60	38.84'
4	10-P1	15+66.15	88.25	37.02'
4	11-P1	16+06.15	87.06	35.21'
4	12-P1	16+26.15	86.50	34.30'
4	13-P1	10+75.36	103.03	32.00'
4	18-P1	11+55.36	101.84	32.00'
4	19-P1	11+55.36	100.55	32.00'
4	20-P1	11+95.36	99.26	32.00'
4	21-P1	12+35.36	97.98	32.00'
4	22-P1	12+75.36	96.69	32.00'
4	23-P1	13+15.36	95.40	32.00'
4	24-P1	13+55.36	94.61	32.00'
4	25-P1	13+95.36	93.33	32.00'
4	26-P1	14+35.36	92.04	32.00'
4	27-P1	14+71.44	91.38	31.65'
4	28-P1	15+12.42	90.08	25.20'
6	1-P1	14+77.16	208.83	32.00'
6	2-P1	14+37.16	205.11	32.00'
6	3-P1	13+97.16	204.40	32.00'
6	4-P1	13+57.16	203.68	32.00'
6	5-P1	13+27.16	203.16	32.00'
6	6-P1	12+77.16	203.26	32.00'
6	7-P1	12+57.16	202.90	32.00'
6	8-P1	11+97.16	201.83	32.00'
6	9-P1	11+57.16	201.11	32.00'
6	10-P1	11+17.16	199.90	32.00'
6	11-P1	10+77.16	198.68	32.00'
6	12-P1	10+57.16	198.33	32.00'

RECORD DRAWING

I hereby certify that the information contained on this drawing has been revised in accordance with information furnished by the contractor, Franklin's Earthmoving, Inc., and by the surveyor, Aldrich Land Survey, Inc., and reflects the construction as actually accomplished. This drawing is considered as in substantial compliance with the Approved Plans.

DATE: 12-24-01
NAME: Diane Hoelzer, PE
NMPE 11967



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'	72'
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.

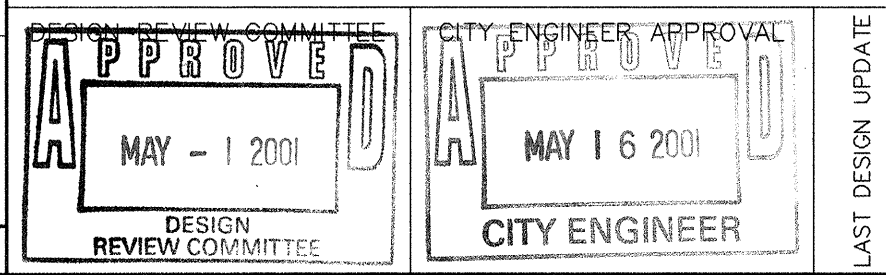
RESTRAINED JOINT LENGTH FOR TEES (FT.)

PIPE SIZE	RUN	BRANCH
10"x10"x6"	6'	1'
8"x8"x6"	7'	2'
6"x6"x6"	10'	2'

MARK GOODWIN & ASSOCIATES, P.A.
CONSULTING ENGINEERS
P.O. BOX 90606
ALBUQUERQUE, NEW MEXICO 87199
(505) 828-2200, FAX (505) 787-9539

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

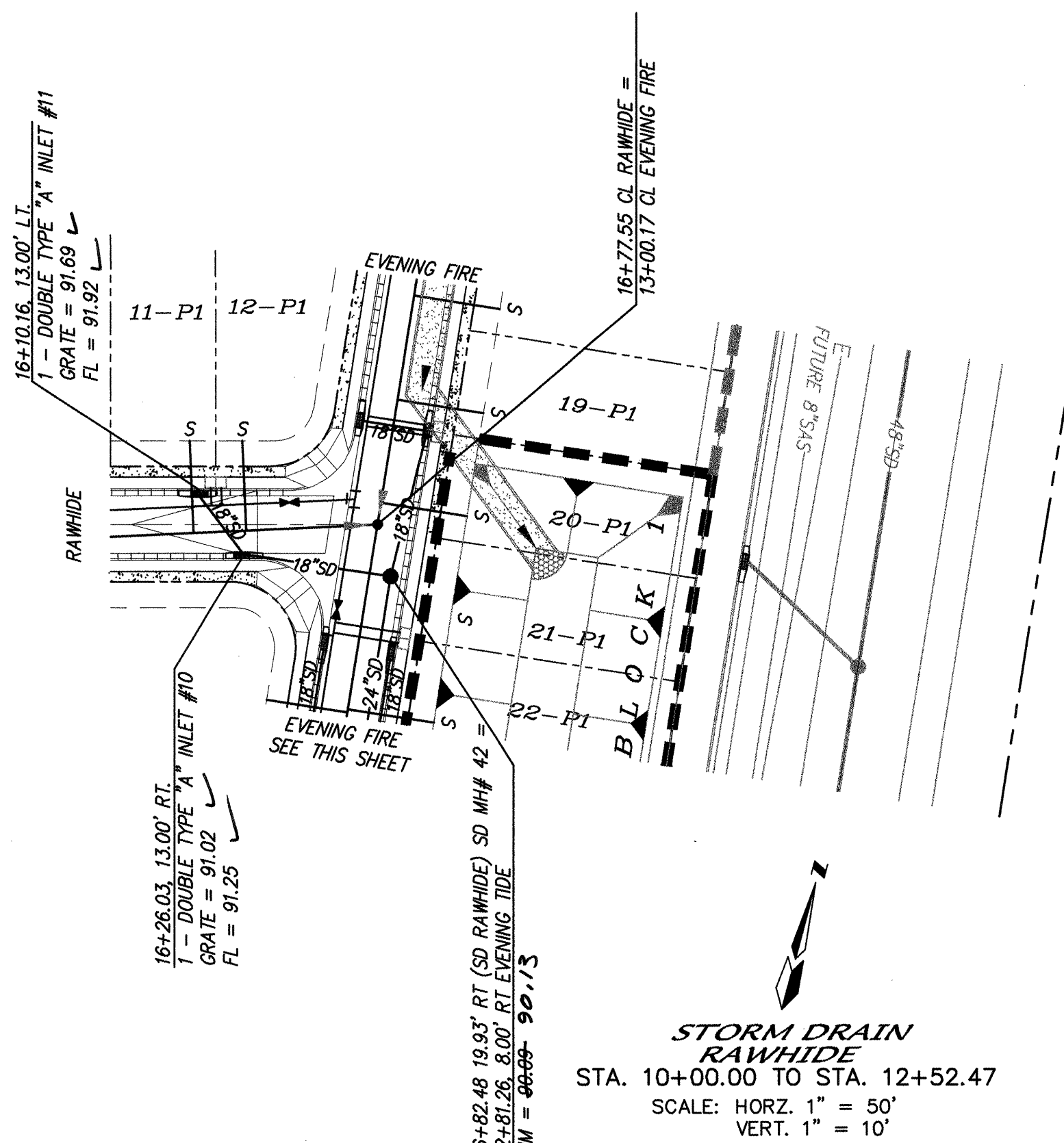
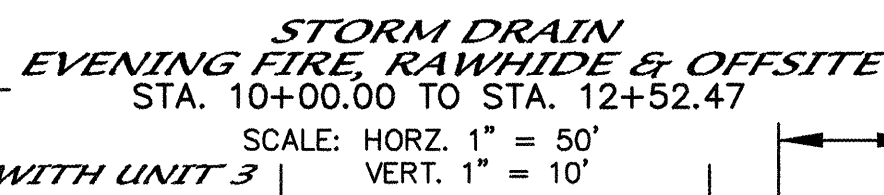
TITLE: **SUNRISE RANCH - UNIT 4
RAWHIDE & SHARP SPUR
UTILITY IMPROVEMENTS**



CITY PROJECT NO. **654381**

ZONE MAP NO. **L-8, L-9**

SHEET **16** OF **19**



1. ALL STATIONING IS CENTERLINE STATIONING, UNLESS OTHERWISE NOTED.

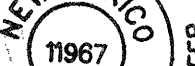
[illegible]

RECORD DRAWING

I hereby certify that the information contained on this drawing has been revised in accordance with information furnished by the contractor, Franklin's Earthmoving, Inc., and by the surveyor, Aldrich and Sullivan, and reflects the construction as actually accomplished. This plan was constructed in substantial compliance with the Approved Plan.

Diane Hoelzer 12-24-01

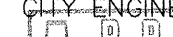
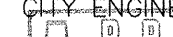
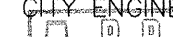
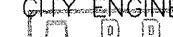
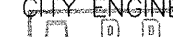
Diane Hoelzer, PE NMPE 1967



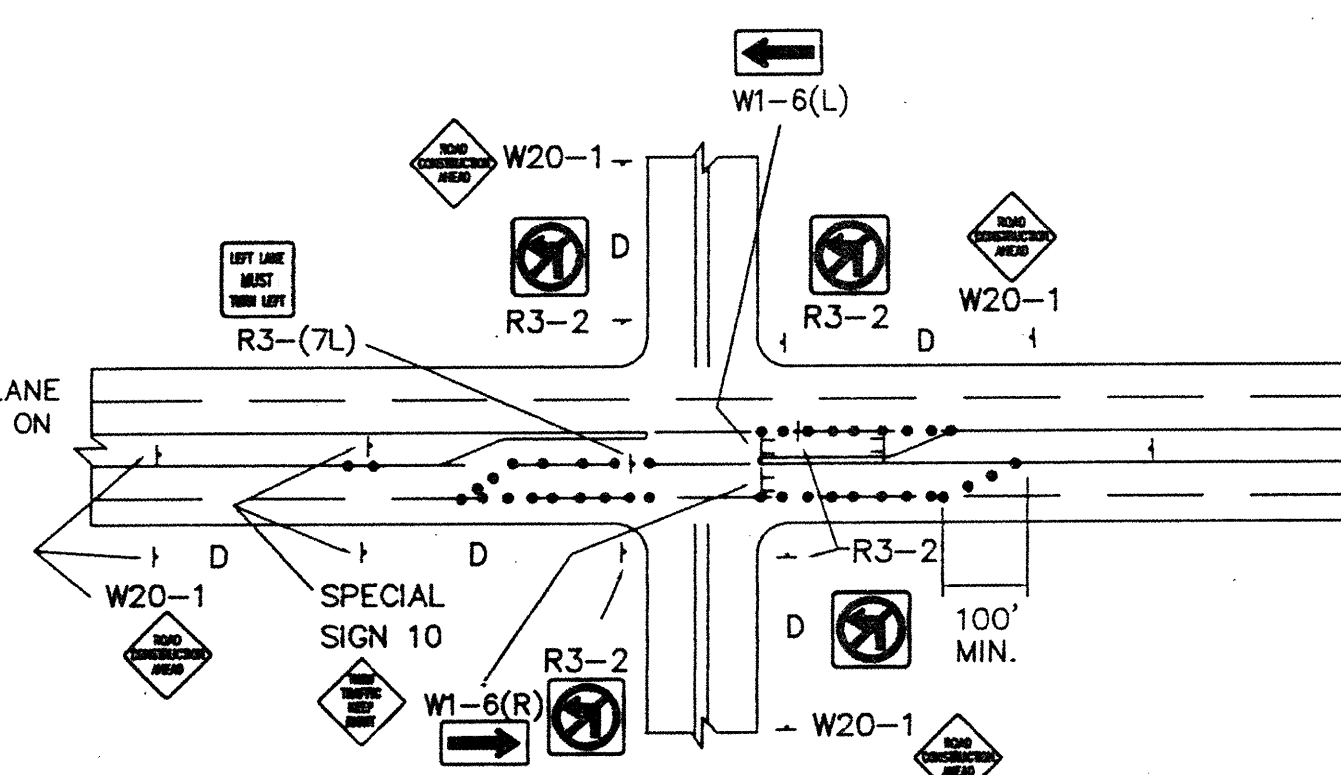
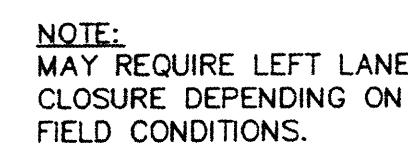
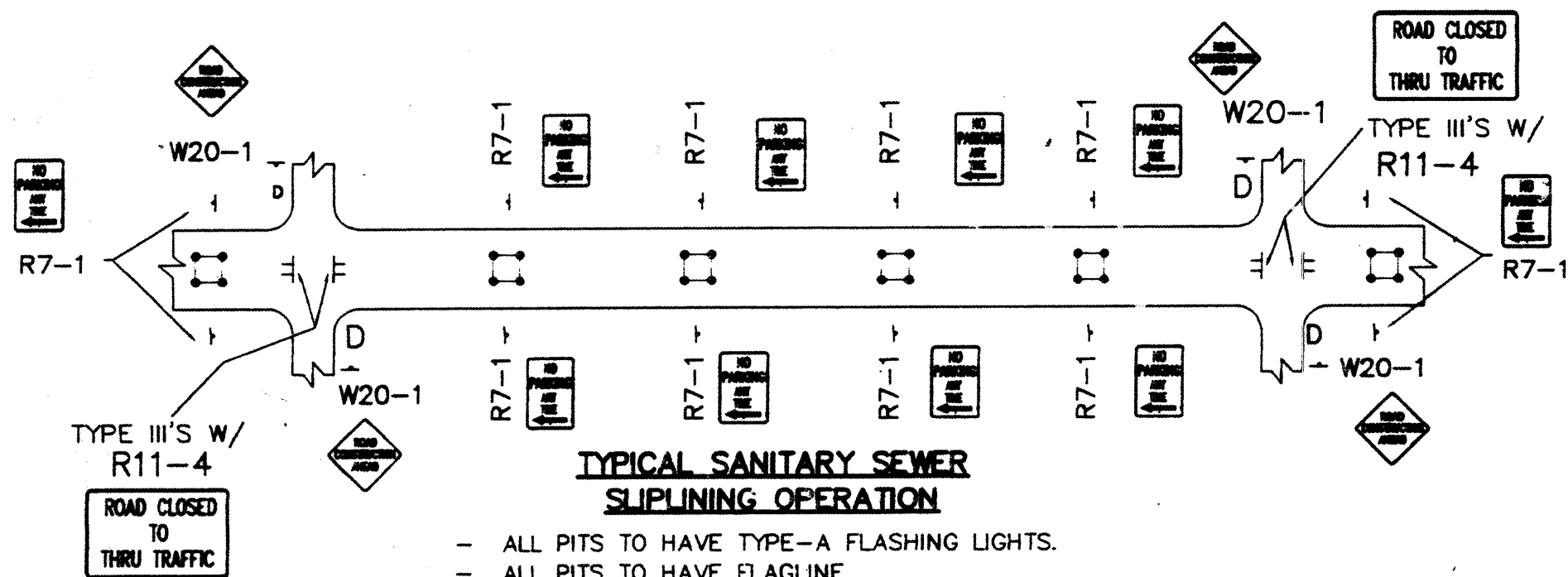
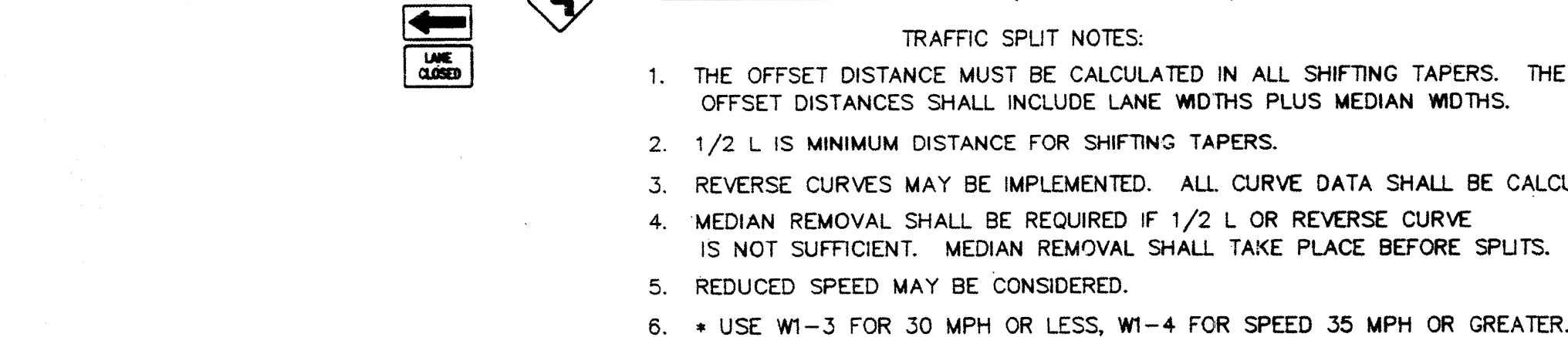
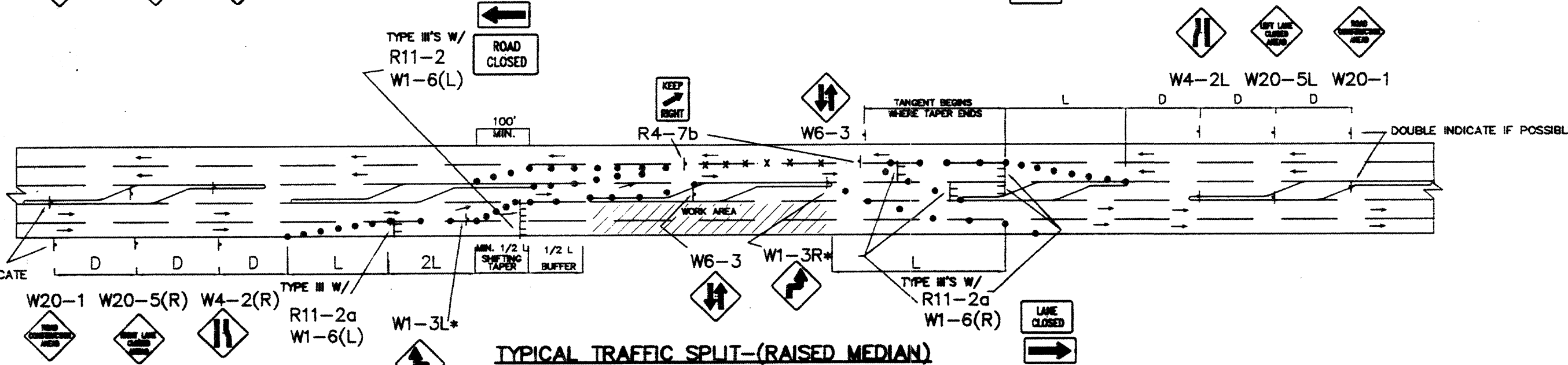
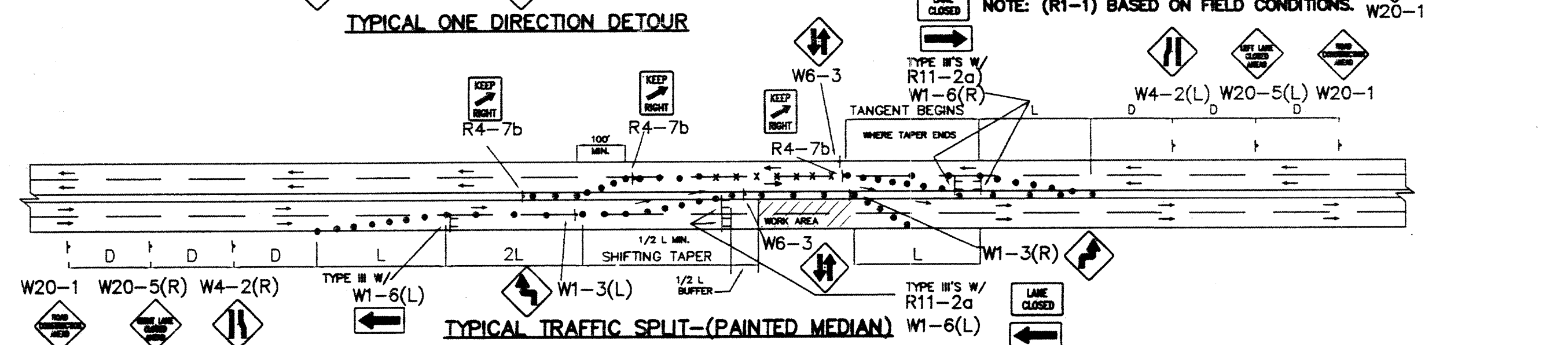
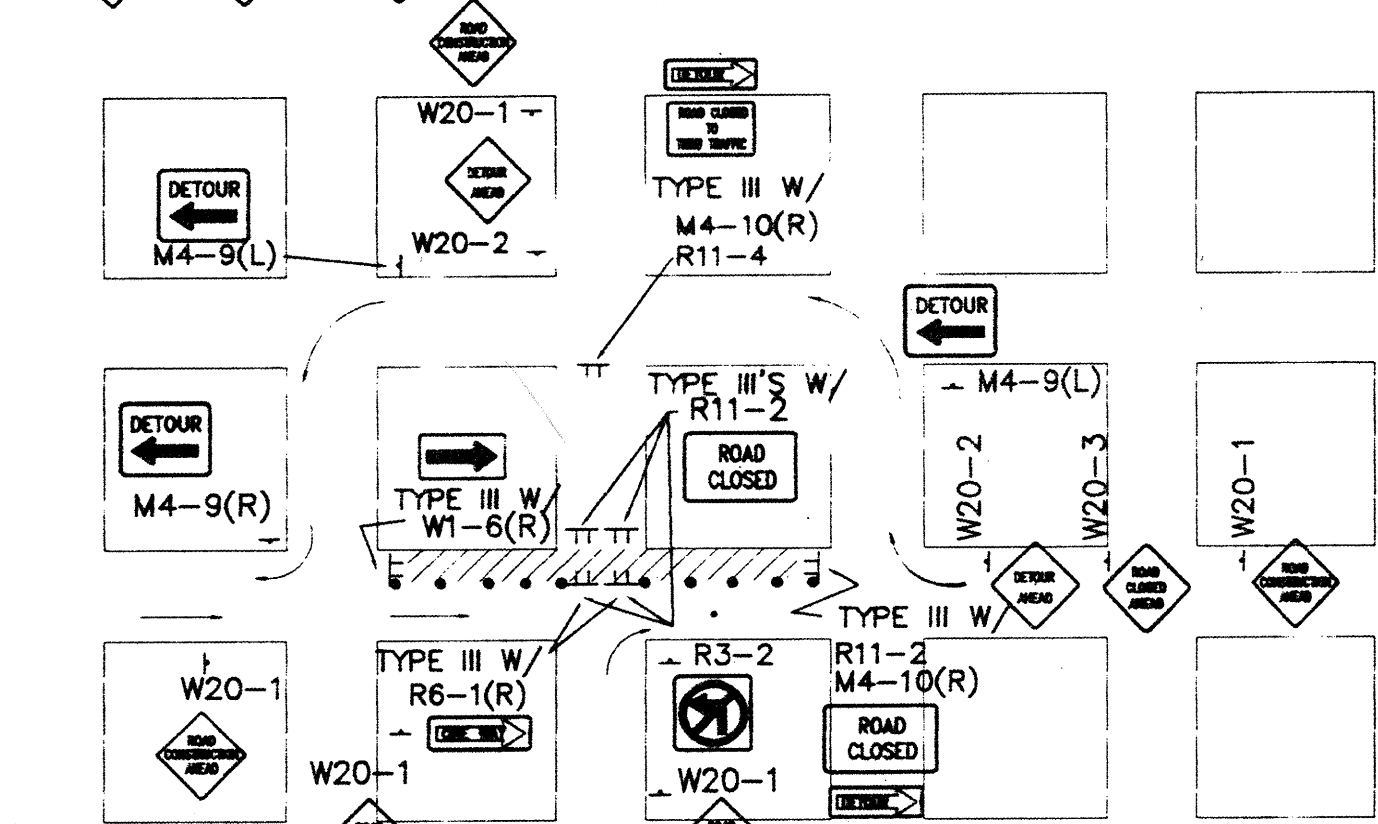
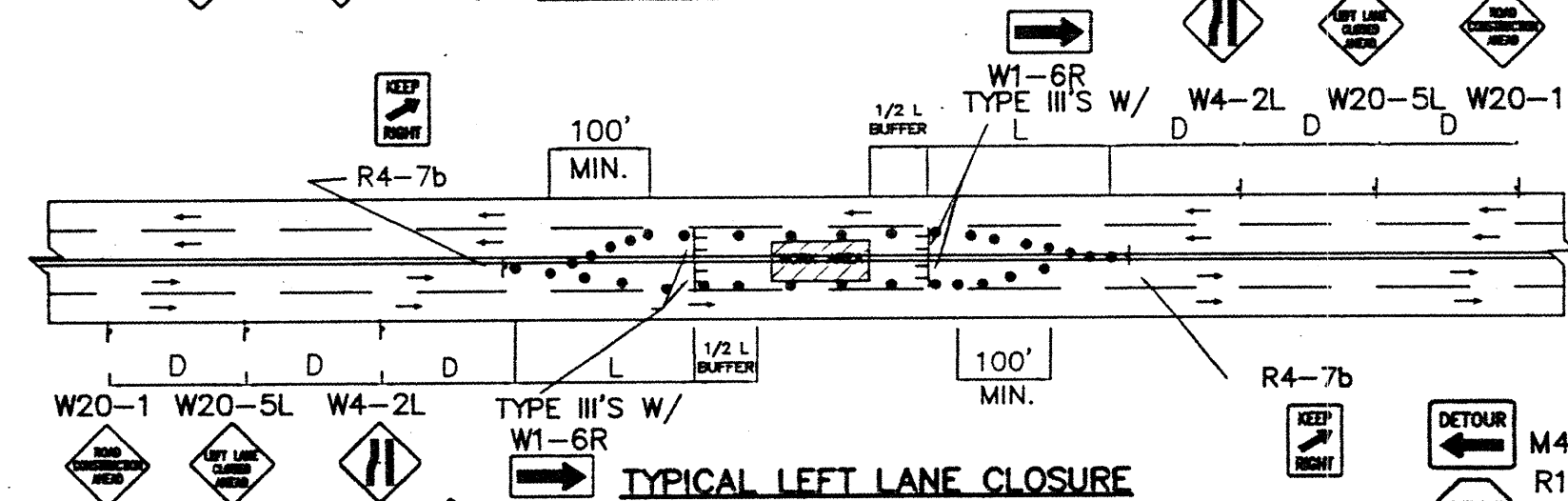
dmg MARK GOODWIN & ASSOCIATES, P.A.
CONSULTING ENGINEERS
P.O. BOX 90606
ALBUQUERQUE, NEW MEXICO 87199
(505) 828-2200, FAX (505) 797-9539

**CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP**

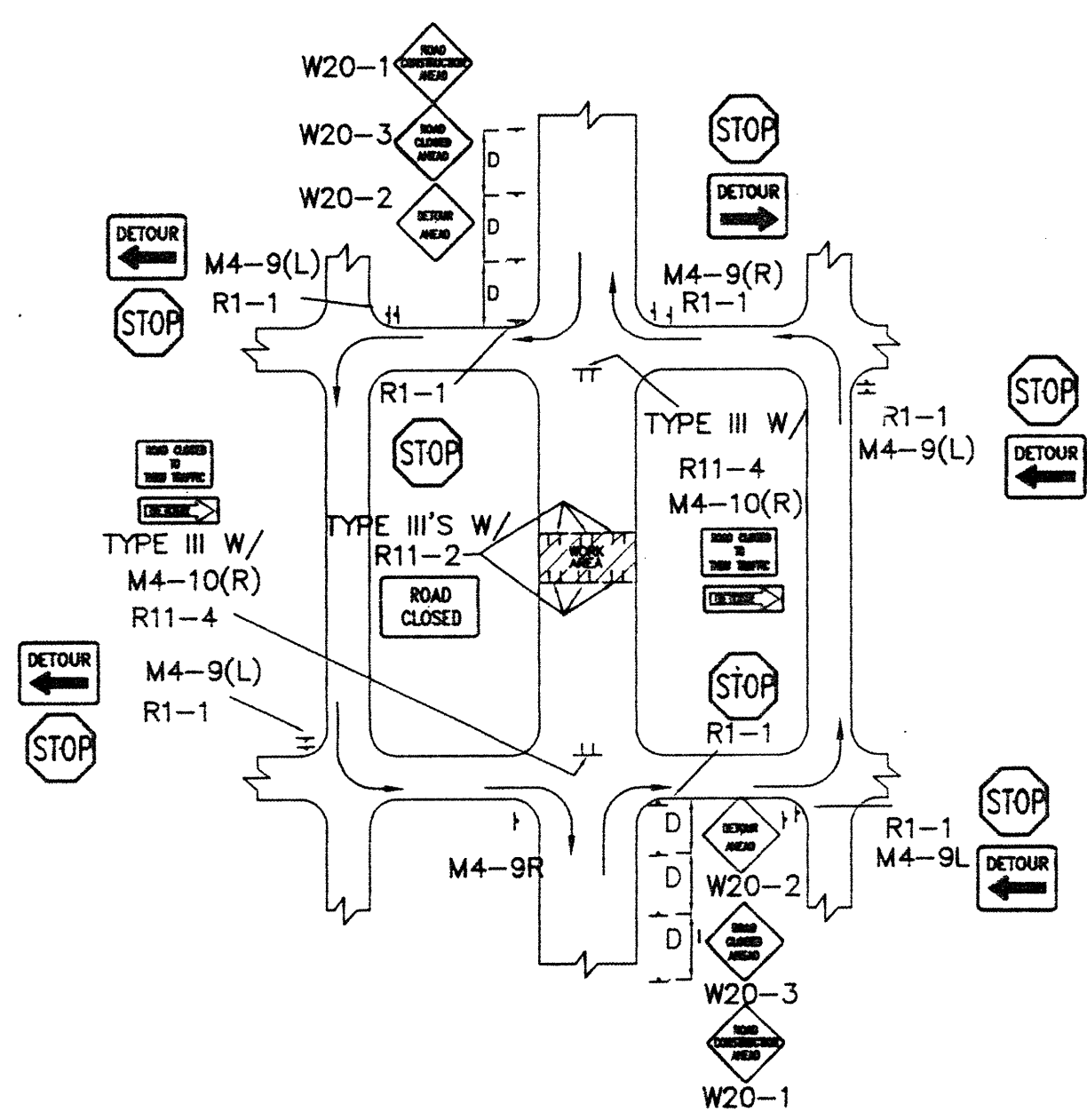
**TITLE: *SUNRISE RANCH - UNIT 4
EVENING FIRE & OFFSITE
STORM DRAIN IMPROVEMENTS***

APPROVALS		MO./DAY/YR.	MO./DAY/YR.
			
			
			
			
			
LAST DESIGN UPDATE			

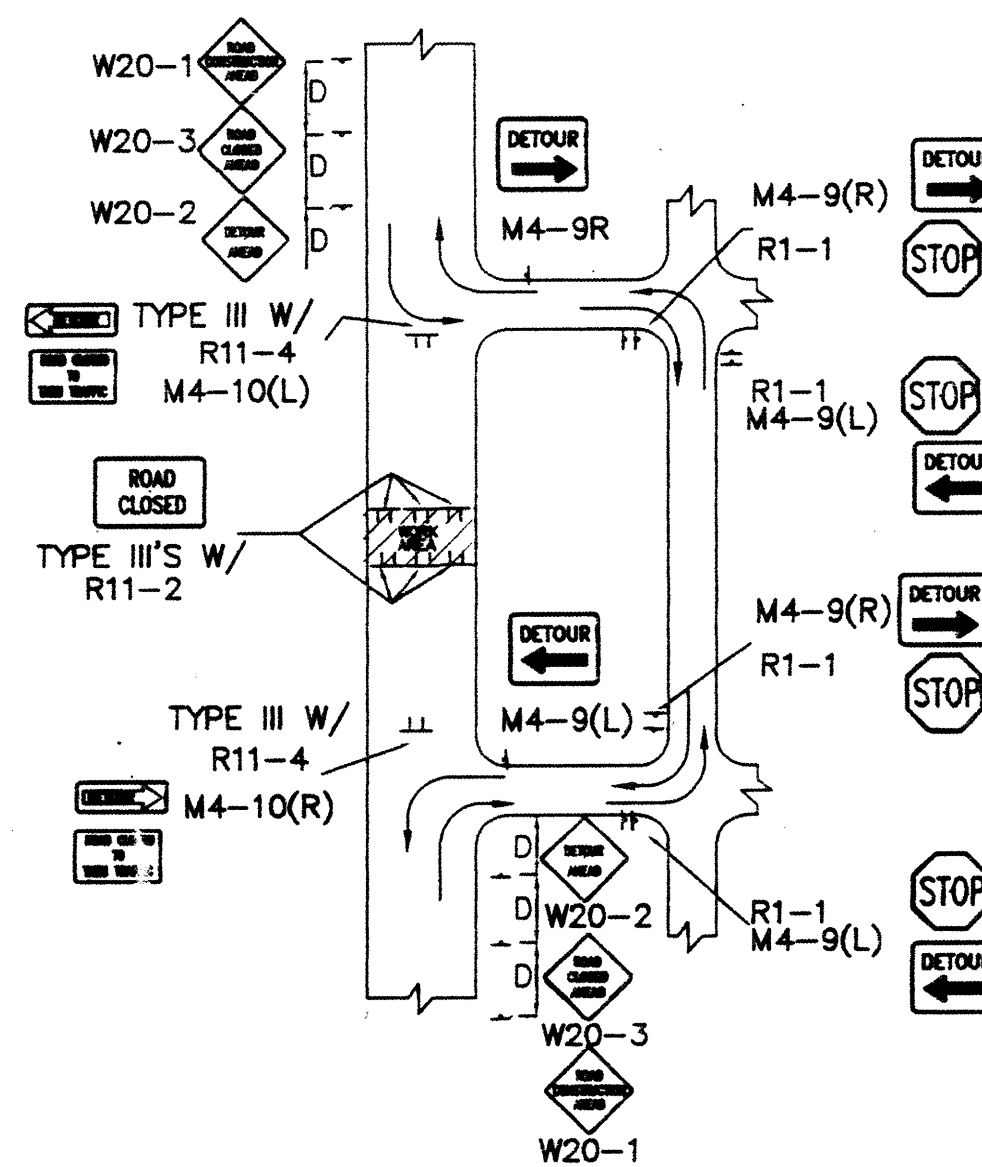
CITY PROJECT NO. 654381	ZONE MAP NO. L-8, L-9	SHEET OF 17 19
-----------------------------------	---------------------------------	--------------------------



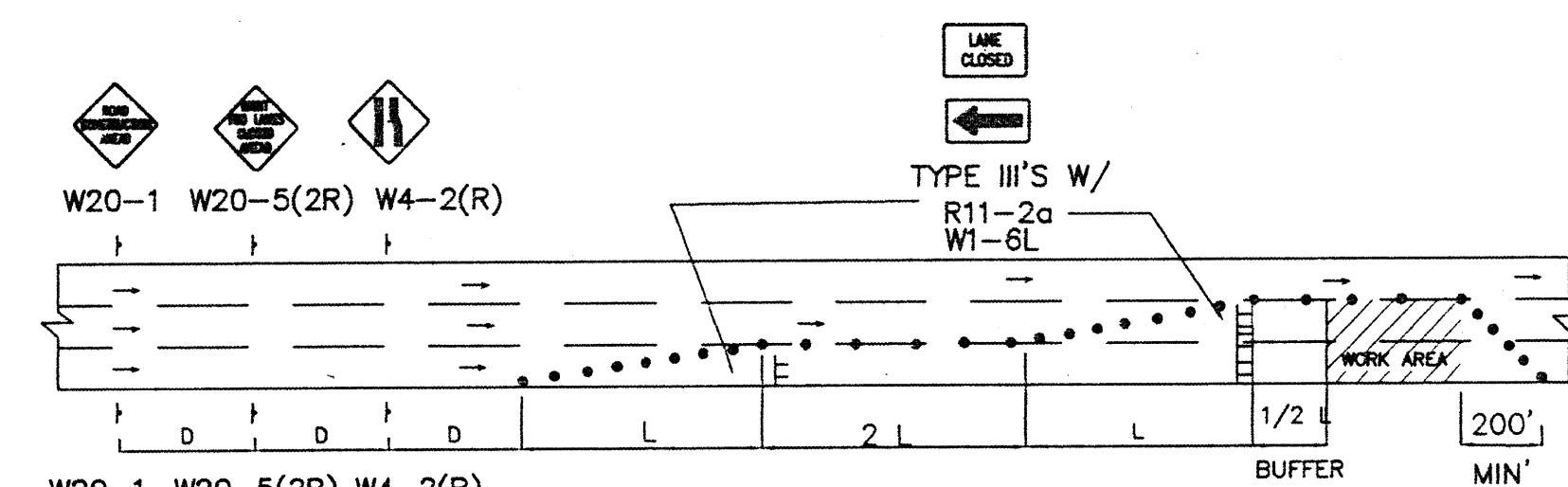
TYPICAL LANE CLOSURE AT INTERSECTION
NOTE: DEPENDING ON WORK ZONE LOCATION



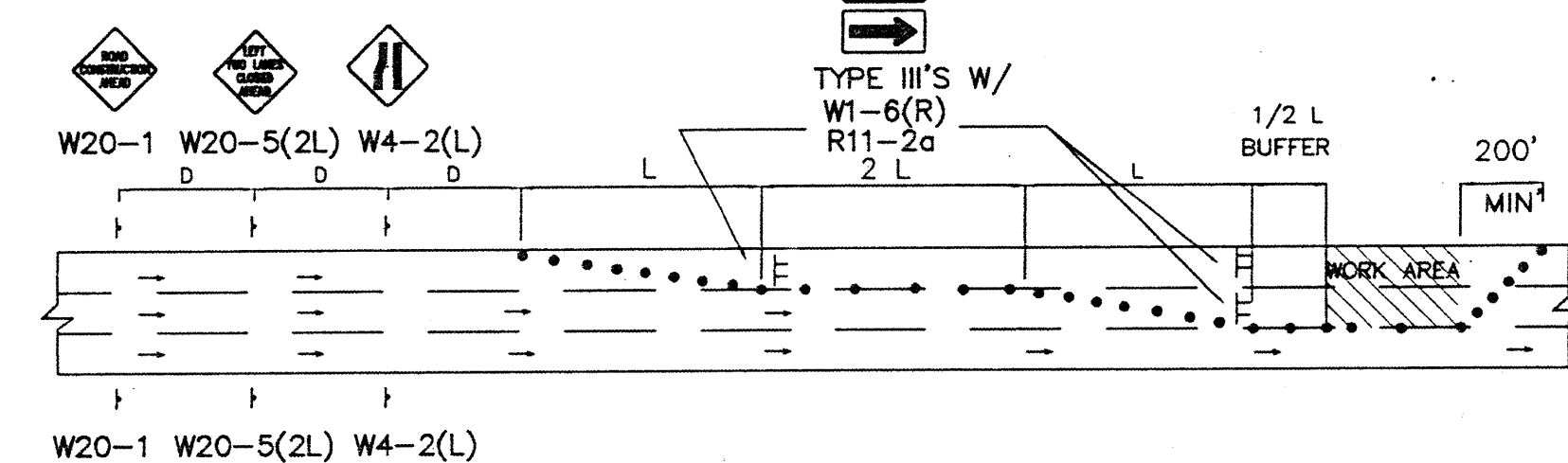
TYPICAL MID-BLOCK CLOSURE
NOTE: (R1-1) BASED ON FIELD CONDITIONS



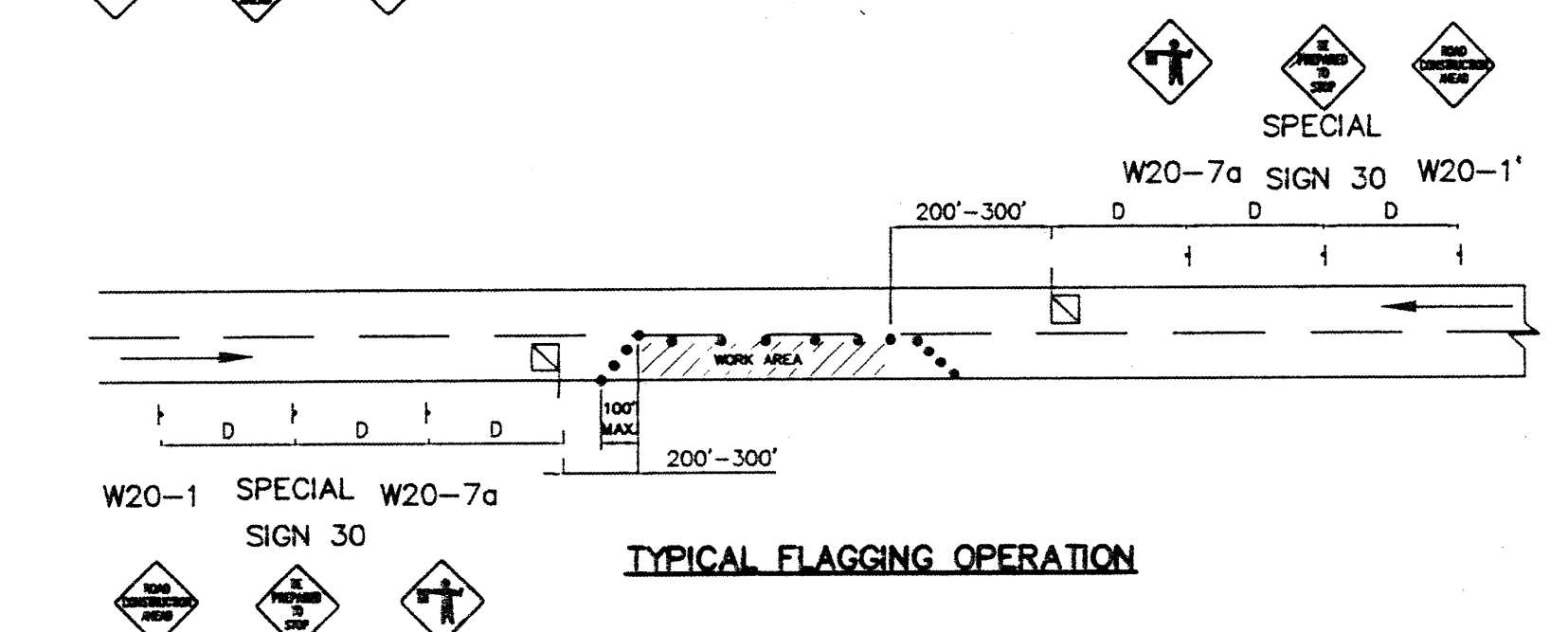
TYPICAL STREET CLOSURE
NOTE: (R1-1) BASED ON FIELD CONDITIONS.



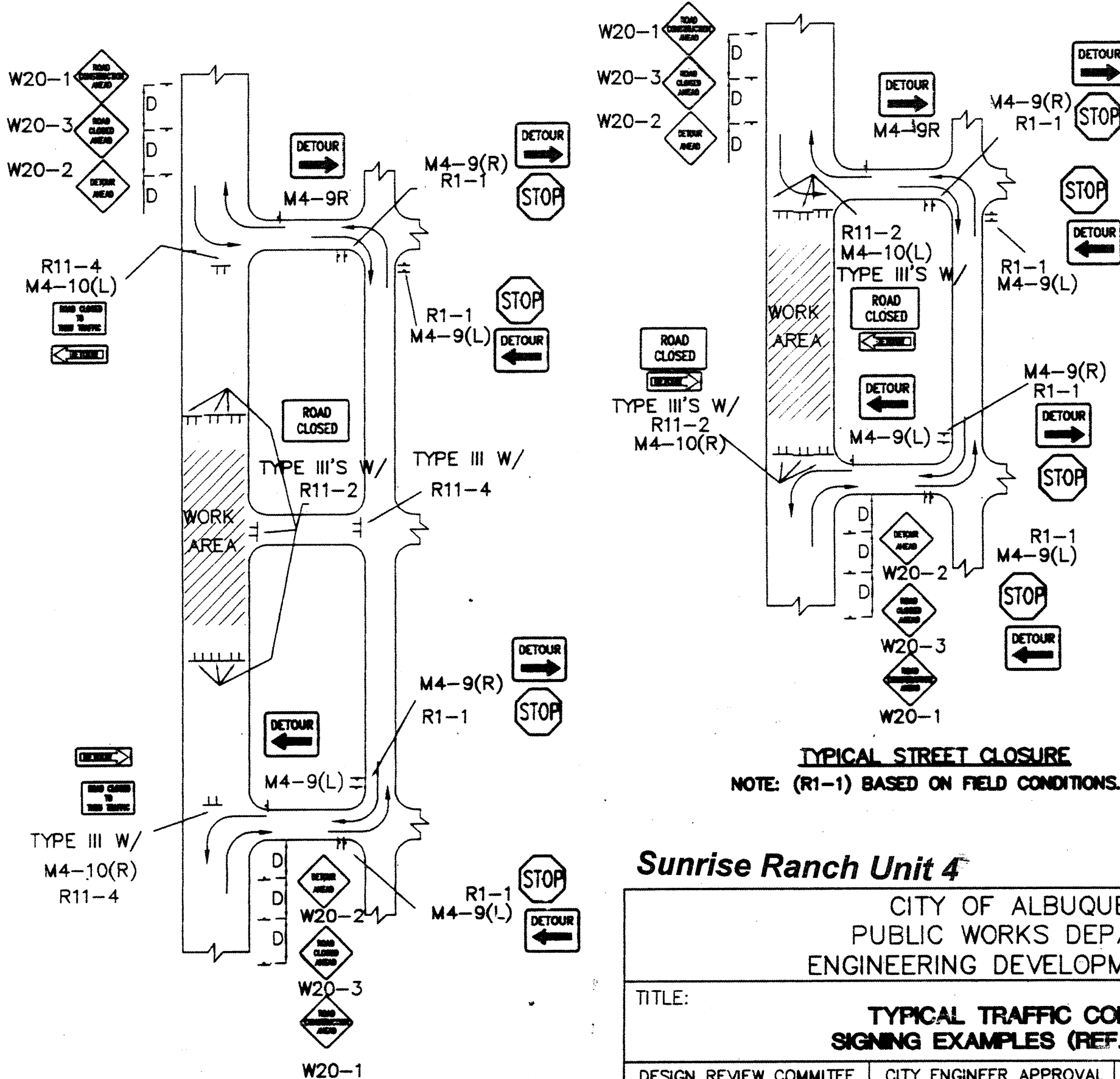
TYPICAL DOUBLE RIGHT LANE CLOSURE



TYPICAL DOUBLE LEFT LANE CLOSURE



TYPICAL FLAGGING OPERATION



TYPICAL STREET CLOSURE
NOTE: (R1-1) BASED ON FIELD CONDITIONS.

Sunrise Ranch Unit 4

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE: **TYPICAL TRAFFIC CONTROL & SIGNING EXAMPLES (REF. M.U.T.C.D.)**

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL
-------------------------	------------------------

COA	Standard
-----	----------

PROJECT NO. 654381

MAP NO. L-9	SHEET 19 OF 19
-----------------------	------------------------------

AS BUILT INFORMATION	DATE	DATE
CONTRACTOR	DATE	DATE
WORK	DATE	DATE
DESIGNED BY	DATE	DATE
INSPECTED BY	DATE	DATE
FIELD SURVEILLANCE BY	DATE	DATE
CERTIFICATION BY	DATE	DATE
DRAWINGS	DATE	DATE
CORRECTED BY	DATE	DATE
RECORDED BY	DATE	DATE
NO.	DATE	DATE

[illegible][illegible]

GENERAL NOTE	DATE	JDL
REMARKS		BY
EVIDENCES		
DESIGN		
STANDARDS	DATE	
	DATE	

[illegible]