

RECORD DRAWING - AS BUILT

LAS MARCADAS II

CITY OF ALBUQUERQUE, BERNALILLO COUNTY, NEW MEXICO

IMPROVEMENTS FOR
GRADING, PAVING AND UTILITIES

INDEX TO DRAWINGS

N.M.U., INC. GENERAL NOTES:

1. THE CONTRACTOR SHALL CONTACT NMUI AT 898-2661 AT LEAST THREE DAYS PRIOR TO ANY UTILITY CONSTRUCTION (INCLUDING CONNECTIONS TO THE EXISTING SYSTEM) TO COORDINATE THE VARIOUS ITEMS OF WORK WITH NMUI OPERATIONS STAFF.
2. ALL WORK DETAILED ON THESE PLANS TO BE PERFORMED UNDER CONTRACT SHALL, EXCEPT AS OTHERWISE STATED OR PROVIDED FROM HEREON, BE CONSTRUCTED IN ACCORDANCE WITH THE STATE OF NEW MEXICO STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1987.
3. ALL WORK DETAILED ON THESE PLANS TO BE PERFORMED UNDER CONTRACT SHALL, EXCEPT AS OTHERWISE STATED OR PROVIDED FROM HEREON, BE CONSTRUCTED IN ACCORDANCE WITH NEW MEXICO UTILITIES, INC. (NMUI) STANDARD SPECIFICATIONS. IF NMUI SPECIFICATIONS ARE IN CONFLICT WITH THE NEW MEXICO SPECIFICATIONS, NMUI SPECIFICATIONS SHALL TAKE PRIORITY.
4. TWO (2) WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT LINE LOCATING SERVICE, 260-1990, FOR LOCATION OF EXISTING UTILITIES.
5. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL OBSTRUCTIONS AND EXISTING PAVEMENT. SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE ENGINEER OR SURVEYOR SO THAT THE CONFLICT CAN BE RESOLVED WITH MINIMUM AMOUNT OF DELAY.
6. THE CONTRACTOR SHALL FURNISH EMD'S ON ALL WATER AND SEWER SERVICE STUBS, CAPS AND PLUGS.
7. 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 SURVEY SECTION. WHEN A CHANGE IS MADE IN THE FINISHED ELEVATION 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, CITY OF ALBUQUERQUE SPECIFICATIONS.
8. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING A "BARRICADING PERMIT" PRIOR TO COMMENCEMENT OF WATER OR SEWER CONSTRUCTION. REFER TO SECTION 19 OF THE CITY OF ALBUQUERQUE SPECIFICATIONS.

SHEET NO	DESCRIPTION
1	COVER SHEET AND INDEX TO DRAWINGS
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8	TIA CHRISTINA DRIVE N.W
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16	SHELLY ROSE ROAD N.W MIKELL COURT N.W
17	OFFSITE SANITARY SEWER & STORM DRAIN OUTFALL

SURVEYOR'S CERTIFICATION

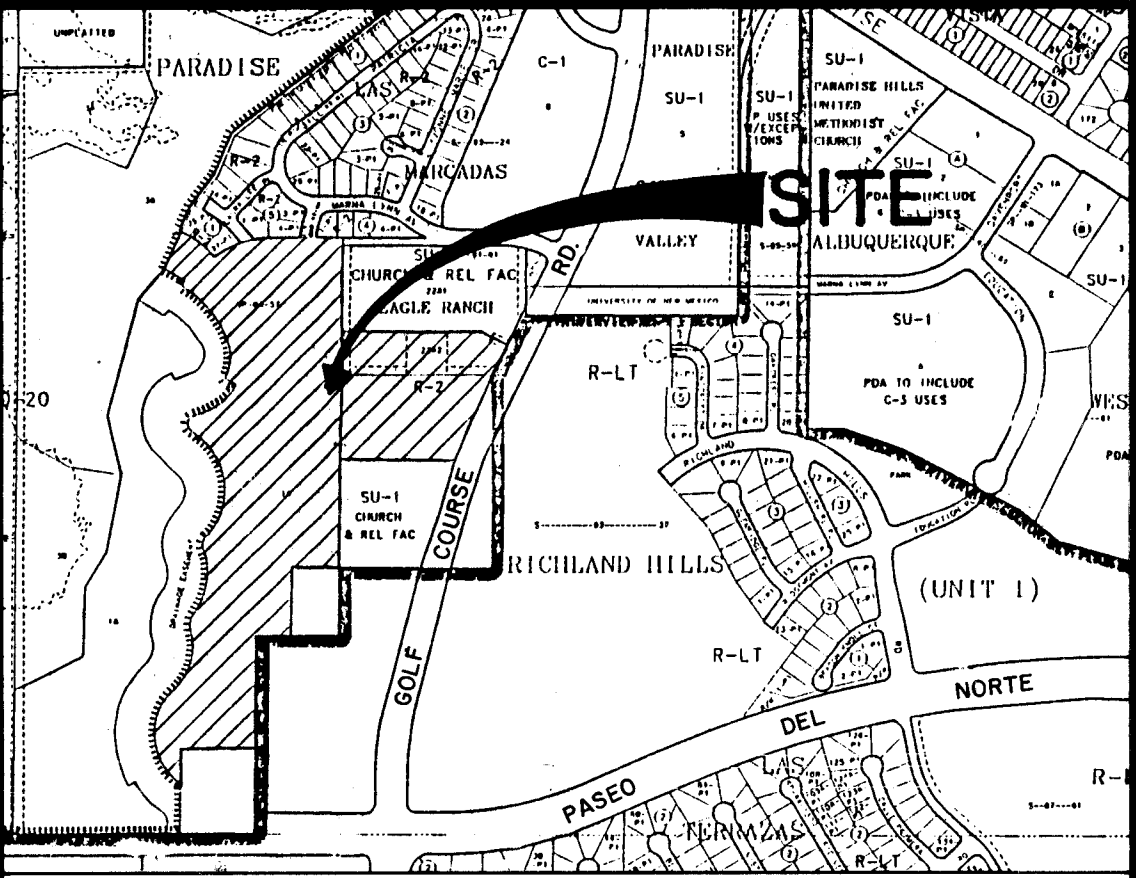
"I, David J. Thompson, a duly qualified Registered Professional Land Surveyor under the laws of the State of New Mexico, do hereby certify that the 'as-built' information shown on these drawings was obtained from field construction and 'as-built' surveys performed by me or under my supervision, that the 'as-built' information shown on these drawings was added by me or under my supervision, and that this 'as-built' information is true and correct to the best of my knowledge and belief and am not responsible for any of the design concepts, calculations, engineering, or intent of the record drawings."

David J. Thompson, P.S. No. 12657 Date 4/19/96



WARNING - EXISTING UTILITY LINE LOCATIONS ARE SHOWN IN AN APPROXIMATE MANNER ONLY, AND SUCH LINES MAY EXIST WHERE NONE ARE SHOWN. THE LOCATION OF ANY SUCH EXISTING LINES IS BASED UPON INFORMATION PROVIDED BY THE UTILITY COMPANY, THE OWNER, OR BY OTHERS, AND THE INFORMATION MAY BE INCOMPLETE OR MAY BE OBSOLETE BY THE TIME CONSTRUCTION COMMENCES.

THE ENGINEER HAS UNDERTAKEN LIMITED FIELD VERIFICATION OF THE LOCATION, DEPTH, SIZE, OR TYPE OF EXISTING UNDERGROUND UTILITY LINES, MAKES NO REPRESENTATION PERTAINING THERETO AND ASSUMES NO RESPONSIBILITY OR LIABILITY THEREFORE. THE CONTRACTOR SHALL INFORM ITSELF OF THE LOCATION OF ANY UTILITY LINE IN OR NEAR THE AREA OF THE WORK IN ADVANCE OF AND DURING EXCAVATION WORK. THE CONTRACTOR IS FULLY RESPONSIBLE FOR ANY AND ALL DAMAGE CAUSED BY ITS FAILURE TO LOCATE, IDENTIFY, AND PRESERVE ANY AND ALL EXISTING UTILITIES. THE CONTRACTOR SHALL COMPLY WITH STATE, STATUTES, MUNICIPAL AND LOCAL ORDINANCES, RULES AND REGULATIONS PERTAINING TO THE LOCATION OF THESE LINES AND FACILITIES IN PLANNING AND CONDUCTING EXCAVATION, WHETHER BY CALLING OR NOTIFYING THE UTILITIES, COMPLYING WITH "BLUE STAKES" PROCEDURES, OR OTHERWISE.



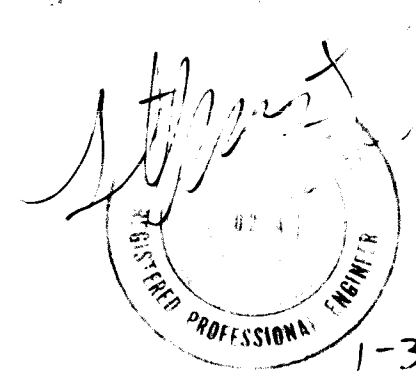
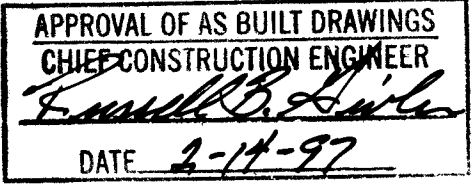
VICINITY MAP

GENERAL NOTES

1. ALL WORK DETAILED ON THESE PLANS TO BE PERFORMED UNDER CONTRACT SHALL, EXCEPT AS OTHERWISE STATED OR PROVIDED FROM HEREON, BE CONSTRUCTED IN ACCORDANCE WITH THE CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1986 EDITION AS AMENDED WITH UPDATE NO. 5
2. TWO (2) WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT LINE LOCATING SERVICE, (260-1990) FOR LOCATION OF EXISTING UTILITIES.
3. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL OBSTRUCTIONS AND EXISTING PAVEMENT. SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE ENGINEER OR SURVEYOR SO THAT THE CONFLICT CAN BE RESOLVED WITH MINIMUM AMOUNT OF DELAY.
4. THE CONTRACTOR SHALL FURNISH EMD'S ON ALL WATER AND SEWER SERVICE STUBS, CAPS AND PLUGS.
5. CONTRACTOR SHALL NOTIFY THE PROJECT 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 BEAR THE EXPENSE OF REPLACING ANY THAT MAY BE DISTURBED WITHOUT PERMISSION. REPLACEMENT SHALL BE DONE ONLY BY THE CITY SURVEY SECTION. WHEN A CHANGE IS MADE IN 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 GENERAL CONDITIONS OF THE CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION.
6. RESTRAINED JOINTS ARE REQUIRED AT ALL WATER LINE BENDS, TEES, CAPS AND GATE VALVES.
7. THE PUBLIC WATER LINE MUST BE A MINIMUM OF 18" ABOVE THE SEWER LINE AT ALL CROSSINGS.
8. THE CONTRACTOR SHALL CONTACT WATER SYSTEMS DIVISION (857-8200) THREE (3) WORKING DAYS PRIOR TO NEEDING SHUT-OFF OR TURN-ON OF VALVES. ONLY CITY WATER SYSTEMS PERSONNEL ARE AUTHORIZED TO OPERATE VALVE.
9. THREE (3) 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.
10. ALL STREET STRIPING ALTERED OR DESTROYED SHALL BE REPLACED IN KIND BY CONTRACTOR TO LOCATION AND IN KIND AS EXISTING OR AS INDICATED BY THIS PLAN SET. ALL NEW STRIPING SHALL BE PLASTIC AS PER CITY STANDARDS.

11. coordination with other project in the area is necessary. Call 768-2551. R.R.

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
26	4	7	7	3	9	1	1	1	9	7					



community sciences corporation Rand B. Rogers 3/1/95

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CURVE DATA

Curve	Radius	Arc	Delta	Tangent	Chord	Chord
Iden						Brg
C1	300.00	156.30	027°59'28"	79.74	154.75	S51°56'02"E
C2	340.00	226.74	038°12'33"	117.77	222.56	N71°06'53"E
C3	3053.00	368.22	006°54'36"	184.34	368.00	S23°08'47"W
C4	175.00	9.79	003°12'24"	4.90	9.79	S56°23'49"E
C5	175.00	89.58	029°00'00"	52.26	87.63	N43°30'00"W
C6	225.00	298.45	074°00'00"	176.70	277.06	N09°00'00"E
C7	225.00	243.47	062°00'00"	135.19	231.77	S16°00'00"W
C8	75.00	66.76	051°00'00"	35.77	64.56	N10°30'00"E
C9	260.00	254.12	056°00'00"	136.24	244.13	S08°06'00"W
C10	35.00	36.04	059°00'00"	19.80	34.47	N09°30'00"E
C11	225.00	337.72	068°00'00"	209.82	306.90	S04°00'00"E
C12	25.00	51.05	117°00'00"	40.80	42.63	N11°30'00"E
C13	200.00	120.41	037°21'36"	67.62	128.11	S51°19'41"W
C14	150.00	107.81	055°38'22"	74.20	133.01	N02°15'11"W
C15	400.00	279.25	040°00'00"	145.55	273.62	S40°00'00"E
C16	300.00	56.07	010°42'32"	28.12	55.99	N10°45'39"E
C17	300.00	25.07	004°47'16"	12.54	25.06	N03°00'00"E
C18	300.00	142.25	027°10'02"	72.49	140.92	S14°12'38"W
C19	600.00	268.01	025°35'34"	136.26	265.76	N14°59'22"E
C20	75.00	147.74	112°51'44"	113.02	124.98	S33°21'48"E
C21	75.00	66.36	052°11'25"	36.73	65.98	S63°41'49"E
C22	75.00	78.42	060°40'19"	43.89	75.76	S07°16'05"E
C23	180.00	56.38	017°56'52"	28.42	56.15	N14°05'38"E
C24	280.00	100.45	020°33'15"	50.77	99.91	S79°31'03"E
C25	280.00	15.28	003°07'34"	7.64	15.28	S96°00'00"E
C26	280.00	85.17	017°25'41"	42.58	84.84	S77°57'33"E
C27	300.00	85.56	016°20'27"	43.07	85.27	S10°21'49"W
C28	200.00	64.02	018°20'29"	32.20	63.75	N60°36'13"W
C29	300.00	85.35	016°12'21"	42.67	84.92	N08°25'51"E
C30	75.00	106.94	062°55'15"	67.61	100.36	S42°15'18"W
C31	326.00	24.85	010°20'30"	12.43	24.85	N02°47'22"E
C32	272.00	77.85	016°23'55"	39.20	77.59	S08°45'07"E
C33	340.00	41.92	007°05'46"	20.98	41.89	N08°04'15"E
C34	340.00	166.54	025°07'07"	85.04	166.82	N69°57'18"E
C35	340.00	16.26	002°44'38"	8.14	16.28	N55°22'55"E
C36	272.00	51.12	010°46'03"	25.63	51.04	S22°24'07"E
C37	628.00	43.60	003°58'39"	21.81	43.59	N03°47'49"E
C38	628.00	72.47	005°36'42"	36.27	72.43	N20°30'09"E
C39	40.00	67.45	096°36'42"	44.90	59.74	N65°30'09"E
C40	628.00	62.82	009°43'52"	31.43	62.79	N14°15'52"E
C41	628.00	62.82	009°43'52"	31.43	62.79	N09°30'09"E
C42	628.00	38.82	003°32'30"	19.42	38.81	N03°57'50"E
C43	272.00	77.57	016°20'27"	39.05	77.51	S10°21'48"W
C44	277.58	51.35	010°35'54"	25.75	51.27	N13°14'04"E
C45	277.58	36.85	007°39'21"	18.45	36.83	N04°07'54"E
C46	53.00	77.69	083°59'13"	47.71	70.92	S42°19'18"W
C47	45.00	95.77	050°37'56"	21.29	94.49	N58°59'55"E
C48	45.00	95.77	050°37'56"	21.29	94.49	N06°55'37"E
C49	45.00	36.00	038°11'50"	15.59	35.45	N08°18'30"E
C50	45.00	36.65	046°39'33"	19.41	35.64	S72°15'26"W
C51	45.00	23.14	029°27'43"	11.83	22.89	S34°11'48"W
C52	35.00	39.61	054°50'58"	22.23	37.53	N51°53'25"E
C53	37.00	142.19	083°59'13"	87.31	129.79	S42°19'18"W
C54	391.87	29.81	004°21'32"	14.91	29.81	N02°30'27"E
C55	391.87	84.70	013°50'49"	47.58	84.47	N11°36'38"E
C56	20.00	31.42	090°00'00"	20.00	28.28	N63°32'02"E
C57	222.00	41.86	010°48'13"	20.99	41.86	N03°47'49"E
C58	222.00	29.21	007°32'16"	14.62	29.19	N06°02'19"W
C59	35.00	24.76	040°32'09"	12.92	24.25	S69°32'32"E
C60	40.00	47.45	057°58'40"	26.97	44.72	N83°15'39"W
C61	40.00	43.67	062°30'23"	24.30	41.54	S11°29'17"W
C62	40.00	48.55	070°58'29"	28.52	46.44	S33°17'42"E
C63	40.00	41.58	059°33'40"	22.89	39.73	N79°26'14"E
C64	35.00	24.76	040°32'09"	12.92	24.25	S69°35'29"W
C65	178.00	56.98	018°20'29"	28.74	56.74	N08°36'12"W
C66	20.00	31.42	090°00'00"	20.00	28.28	N26°27'58"W
C67	328.00	15.44	002°41'49"	7.72	15.44	S17°11'07"W
C68	328.00	76.11	013°36'38"	39.24	77.92	S09°40'54"W
C69	20.00	30.72	088°00'45"	19.32	27.79	N46°11'57"E
C70	20.00	32.11	091°59'15"	20.71	28.77	N43°48'03"W
C71	20.00	30.72	088°00'45"	19.32	27.79	N46°11'57"E
C72	52.00	102.43	112°51'44"	78.38	86.86	S33°21'48"E
C73	203.00	26.80	007°32'50"	13.42	26.78	N19°12'09"E
C74	20.00	26.08	074°42'06"	15.26	24.27	S52°51'17"W
C75	20.00	35.11	100°35'45"	24.09	30.78	N27°13'48"W
C76	308.00	54.02	010°22'56"	27.08	53.95	S72°30'12"E
C77	30.00	47.48	090°41'11"	30.36	42.86	S67°10'40"W
C78	3053.00	36.63	000°41'14"	18.31	36.63	N22°10'42"E
C79	3053.00	60.00	001°07'34"	30.00	60.00	N23°05'06"E
C80	3053.00	60.00	001°11'16"	5.00	10.00	N24°43'31"E
C81	3053.00	60.00	001°07'35"	30.01	60.02	N24°35'06"E
C82	3053.00	70.02	001°18'51"	35.01	70.02	N25°37'09"E
C83	3053.00	17.33	000°16'31"	6.67	17.33	N26°26'20"E
C84	98.00	36.52	021°24'27"	18.52	36.40	S12°21'50"W
C85	98.00	9.99	005°59'21"	5.00	9.99	S01°15'34"E
C86	20.00	15.75	056°34'29"	10.76	18.96	N24°06'30"E
C87	45.00	45.03	057°18'44"	24.60	43.17	S25°43'53"W
C88	45.00	39.87	050°45'29"	21.35	39.87	S30°16'46"E
C89	45.00	47.96	061°03'59"	26.54	47.72	S86°13'28"E
C90	45.00	8.52	010°50'48"	4.27	8.51	N57°49'09"E
C91	20.00	19.75	056°34'29"	10.76	18.96	S80°41'00"W
C92	98.00	2.40	001°24'03"	1.20	2.40	S17°43'47"E
C93	98.00	25.70	012°21'51"	14.96	25.56	S81°05'45"E
C94	20.00	32.11	081°59'15"	20.71	28.77	N43°48'03"W
C95	572.00	23.54	002°21'30"	11.77	23.54	N03°22'20"E
C96	572.00	74.18	007°25'49"	37.14	74.13	N15°41'49"E
C97	572.00	74.18	007°25'49"	37.14	74.13	N15°41'49"E
C98	572.00	74.18	007°25'50"	37.14	74.13	N23°07'38"E
C99	572.00	9.42	000°56'36"	4.71	9.42	N27°18'51"E
C100	328.00	53.86	009°24'28"	26.98	53.86	S23°04'55"W
C101	328.00	60.67	010°35'53"	30.42	60.58	S13°04'44"W
C102	328.00	41.00	007°09'41"	20.53	40.97	S04°11'58"W
C103	272.00	25.29	005°18'34"	12.65	25.28	N03°16'54"E
C104	3053.00	47.86	000°53'54"	23.93	47.86	N27°23'06"E
C105	45.00	20.72	006°23'16"	10.55	20.54	N33°01'20"W
C106	30.00	46.56	088°55'53"	29.45	42.03	N24°46'29"W
C107	261.47	93.80	020°33'15"	47.41	93.30	N79°31'03"W

NOTES:

- THE PURPOSE OF THIS PLAT IS TO SUBDIVIDE THE REMNANT PORTION OF PARADISE VALLEY TRACT 1-A INTO 76 RESIDENTIAL LOTS, 3 TRACTS, AND TO VACATE ANY EASEMENTS NO LONGER REQUIRED AND/OR WILL BE REQUIRED TO MOVE TO A DIFFERENT LOCATION TO ACCOMMODATE THIS SUBDIVISION.
- ALL BEARINGS SHOWN HEREON ARE GRID BEARINGS BASED ON THE NEW MEXICO STATE PLANE COORDINATE SYSTEM, CENTRAL ZONE, MEAN DELTA ALPHA = 00°15'06". ALL DISTANCES ARE GROUND DISTANCES.
- BEARINGS AND DISTANCES SHOWN IN PARENTHESES ARE FROM RECORD PLATS.
- ALL DIMENSIONS PUBLISHED ALONG CURVED LINES ARE ARC DISTANCES. LOT LINES MARKED N/R ARE NON-RADIAL.
- BENCHMARK FOR THIS PLAT IS THE CITY OF ALBUQUERQUE "ACS 3-B12, 1986" ALUMINUM CAP SET FLUSH ON LAVA ROCK ESCARPMENT ELEVATION = 5277.26 LOCATED APPROXIMATELY 1/2 MILE SOUTHEAST OF THE INTERSECTION OF RADCLIFF ROAD, N.W. AND PARADISE BOULEVARD, N.W.
- UNLESS OTHERWISE NOTED, ALL CORNERS ARE EVIDENCED BY A #5 REBAR WITH ALUMINUM CAP STAMPED "F.S. #4972".
- "ENTERLINE (IN LIEU OF R/W) MONUMENTATION TO BE INSTALLED AT ALL CENTERLINE "C'S, FTS, ANGLE POINTS AND STREET INTERSECTIONS PRIOR TO ACCEPTANCE OF SUBDIVISION STREET IMPROVEMENTS AND WILL CONSIST OF A FOUR INCH ALUMINUM ALLOY CAP STAMPED "CITY OF ALBUQUERQUE CENTERLINE MONUMENTATION SURVEY MARKER DO NOT DISTURB P.L.S. 4972" MONETES CENTERLINE MONUMENT.
- PUBLIC UTILITY EASEMENTS (P.U.E.) SHOWN ON THIS PLAT ARE TEN (10) FEET WIDE AND ARE GRANTED FOR THE COMMON AND JOINT USE OF:
 - THE PUBLIC SERVICE COMPANY OF NEW MEXICO FOR THE INSTALLATION, MAINTENANCE, AND SERVICE OF UNDERGROUND ELECTRICAL LINES, TRANSFORMERS, POLES AND ANY OTHER EQUIPMENT, FIXTURES, STRUCTURES AND RELATED FACILITIES REASONABLY NECESSARY TO PROVIDE ELECTRICAL SERVICE.
 - THE GAS COMPANY OF NEW MEXICO FOR INSTALLATION, MAINTENANCE, AND SERVICE OF NATURAL GAS LINES, VALVES AND OTHER EQUIPMENT AND FACILITIES REASONABLY NECESSARY TO PROVIDE NATURAL GAS.
 - U.S. WEST FOR THE INSTALLATION, MAINTENANCE AND SERVICE OF ALL BURIED COMMUNICATION LINES AND OTHER RELATED EQUIPMENT AND FACILITIES REASONABLY NECESSARY TO PROVIDE COMMUNICATION SERVICES, INCLUDING BUT NOT LIMITED TO ABOVE GROUND PEDESTALS AND CLOSURES.
 - JONES INTERCABLE FOR THE INSTALLATION, MAINTENANCE, AND SERVICE OF SUCH UNDERGROUND 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 EASEMENTS, INCLUDING SUFFICIENT WORKING AREA SPACE FOR ELECTRIC TRANSFORMERS, WITH 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 ERRECTED 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 OR NEAR EASEMENTS SHOWN ON THIS PLAT.

- THESE PROPERTIES ARE WITHIN THE NEW MEXICO UTILITIES, INC. (NMU, INC.) FRANCHISE AREA. WATER AND SANITARY SEWER SYSTEM CAPABILITIES ARE BASED ON THE NMU, INC. FACILITIES, NOT THE CITY OF ALBUQUERQUE. WATER AND SANITARY SEWER INFRASTRUCTURE IMPROVEMENTS MUST, HOWEVER, BE APPROVED BY BOTH CITY OF ALBUQUERQUE AND NMU, INC.
- STREET RIGHTS-OF-WAY AND PAVEMENT WIDTHS HAVE BEEN REDUCED PER THE STANDARD REQUIREMENTS FOR INTERMITTENT PARKING DESIGN. ALL RESIDENTIAL LOTS SHALL HAVE A "P-1" SUFFIX ON THE FINAL PLAT (P-1 DENOTES INTERMITTENT PARKING FOR THE PURPOSE OF DETERMINING STREET WIDTHS). THE P-1 SUFFIX TO LOT NUMBERS DESIGNATES SPECIAL ON-SITE PARKING CRITERIA WHICH JUSTIFIED THE CITY ALLOWING REDUCED STREET WIDTHS IN THIS SUBDIVISION. SPECIFICALLY, THE PARKING DESIGN CATEGORY OF "INTERMITTENT" IS MET BY EACH LOT PROVIDING 4 PARKING SPACES (INCLUDING THE GARAGE) FOR 3-4 BEDROOMS. ALL DWELLINGS WILL HAVE 2-4 BEDROOMS AND 2-CAR ATTACHED GARAGES WITH 2-CAR DRIVEWAYS.
- MINIMUM DWELLING SETBACKS FOR ALL LOTS ARE DEFINED IN THE CITY OF ALBUQUERQUE ZONING CODE FOR R-1 AND R-2 ZONING. LOTS 1-P1 THRU 21-P1, BLOCK 6; LOTS 1-P1 THRU 4-P1, BLOCK 7 AND LOTS 16-P1 THRU 22-P1, BLOCK 9 SHALL MEET SOLAR SETBACK REQUIREMENTS FOR THE R-1 ZONE.
- TRACT A IS CREATED WITH THIS PLAT AND WILL BE REPLATTED AND COMBINED WITH RIVERVIEW PARCEL H-6 AS PART OF THAT DEVELOPMENT. THE TEMPORARY PRIVATE ACCESS EASEMENTS WITHIN THE ADJOINING LOTS PROVIDING ACCESS TO THIS TRACT WILL BE RELEASED AT THE APPROPRIATE TIME WHEN ALTERNATE ACCESS IS PROVIDED.
- TRACTS B, C AND THE PARK (1.69 ACRES) ARE CREATED FOR USE AS A 0.6 ACRE PARK AND A 1.09 ACRE OPEN SPACE PARCEL. TO BE USED AS A LIMITED ACCESS TO THE PETROGLYPH NATIONAL MONUMENT. THE 0.6 ACRE PARK IS COMPOSED OF 0.3 ACRES (PARK) TO BE DEDICATED TO C.O.A. PARKS AND GENERAL SERVICES AND 0.3 ACRES (TRACT B) TO BE PURCHASED BY SEPARATE INSTRUMENT. THE 1.09 ACRES OF OPEN SPACE (TRACT C) WILL ALSO BE PURCHASED BY SEPARATE INSTRUMENT.
- LOTS 1-P1 THRU 21-P1, BLOCK 6; LOTS 5-P1 THRU 14-P1, BLOCK 7; LOTS 1-P1 THRU 3-P1, 14-P1 THRU 16-P1, BLOCK 8 AND LOTS 14-P1 THRU 22-P1, BLOCK 9 ARE WITHIN THE WEST MESA ESCARPMENT PLAN AREA AND SHALL HAVE A MAXIMUM HEIGHT RESTRICTION OF 15 FEET ABOVE APPROVED GRADE, NO FACADE TO BE MORE THAN 19' ABOVE NATURAL GROUND, PRIOR TO DEVELOPMENT.

VACATION AND REPLAT

FOR

LAS MARCADAS II

COMPRISED OF
TRACT 22A-2, EAGLE RANCH, AND A PORTION OF TRACT 1-A,
PARADISE VALLEY AND UNPLATTED LANDS

SITUATE WITHIN

TOWN OF ALAMEDA GRANT

"PROJECTED" SECTION 13, T11N, R2E, N.M.P.M.

CITY OF ALBUQUERQUE, BERNALILLO COUNTY, NEW MEXICO

NOVEMBER, 1994

- LOTS 1-P1 THRU 6-P1, BLOCK 9 WILL NOT BE PERMITTED DRIVEWAY ACCESS TO GOLF COURSE ROAD.
- THIS 2.66 ACRE AREA BETWEEN THE PIEDRAS MARCADAS ARROYO AND THE REAR PROPERTY LINES OF THE LAS MARCADAS II SUBDIVISION IS HEREBY DEDICATED TO A.M.A.F.C.A. AND WILL BE ENCUMBERED BY A LICENSE TO C.O.A. OPEN SPACE DIVISION FOR USE AS A TRAIL ALONG THE ARROYO AND LIMITED ACCESS TO THE PETROGLYPH NATIONAL MONUMENT.
- A.M.A.F.C.A. DRAINAGE RIGHT-OF-WAY IS HEREBY DEDICATED IN FEE SIMPLE TO THE ALBUQUERQUE METROPOLITAN FLOOD CONTROL AUTHORITY, ITS SUCCESSORS AND ASSIGNS, OF LANDS, IDENTIFIED HEREON AS A.M.A.F.C.A. RIGHT-OF-WAY IS WITH THE FULL AND FREE "CONSENT AND IN ACCORDANCE WITH THE DESIRE OF THE UNDERSIGNED OWNER(S). THIS DEDICATION IS FOR DRAINAGE, FLOOD CONTROL, CONVEYANCE OF STORM WATER, AND THE CONSTRUCTION, OPERATION, AND MAINTENANCE OF, AND ACCESS TO, SUCH FACILITIES (SEE NOTE 16), AND FOR SUBORDINATE RECREATIONAL USE AND ACCESS ON SUCH FACILITIES. ANY PORTION OF ANY LANDS, OR RIGHT-OF-WAY GRANTED HEREIN SHALL REVERT TO THE GRANTOR, ITS SUCCESSORS OR ASSIGNS, AS AND TO THE EXTENT SAID PORTION IS DECLARED UNNECESSARY FOR FLOOD CONTROL OR DRAINAGE BY THE BOARD OF DIRECTORS OF THE ALBUQUERQUE METROPOLITAN ARROYO FLOOD CONTROL AUTHORITY. ANY REVISION SHALL BE CONVEYED BY QUITCLAIM DEED. VACATION APPROVAL CONSISTENT WITH THE CITY OF ALBUQUERQUE OR BERNALILLO COUNTY SUBDIVISION ORDINANCES WILL ALSO BE REQUIRED.

U.S. WEST COMMUNICATIONS QUITCLAIM

KNOW ALL MEN BY THESE PRESENTS: THAT U.S. WEST COMMUNICATIONS, INC., A COLORADO CORPORATION, HEREINAFTER CALLED "COMPANY" FOR AND IN CONSIDERATION OF ONE DOLLAR (\$1.00) AND OTHER GOOD AND VALUABLE CONSIDERATIONS IN HAND PAID, THE RECEIPT WHEREOF IS HEREBY CONFESSED AND ACKNOWLEDGED, DOES HEREBY RELEASE, REMISE AND QUITCLAIM ALL THE RIGHT, TITLE AND INTEREST IN THE EASEMENTS SHOWN TO BE VACATED ON THIS PLAT AND HEREBY EXPRESSLY EXCEPTING AND RESERVING TO THE COMPANY, ANY AND ALL INTEREST OTHERWISE ACQUIRED IN SAID PROPERTY, EXCEPT AS SHOWN TO BE VACATED.

IN WITNESS WHEREOF, THE COMPANY HAS CAUSED THESE PRESENTS TO BE EXECUTED BY ITS DULY AUTHORIZED OFFICER THIS 9th DAY OF DECEMBER, 1994.

U.S. WEST COMMUNICATIONS, INC.

BY: [Signature]
MANAGER, NETWORK AND TECHNOLOGY SERVICES

STATE OF NEW MEXICO) SS
COUNTY OF BERNALILLO)

THE FOREGOING INSTRUMENT WAS ACKNOWLEDGED BEFORE ME THIS 9th DAY OF DECEMBER, 1994, BY Anthony Lopez, AS THE MANAGER/NETWORK AND TECHNOLOGY SERVICES OF U.S. WEST COMMUNICATIONS INC., A COLORADO CORPORATION, ON BEHALF OF THE CORPORATION.

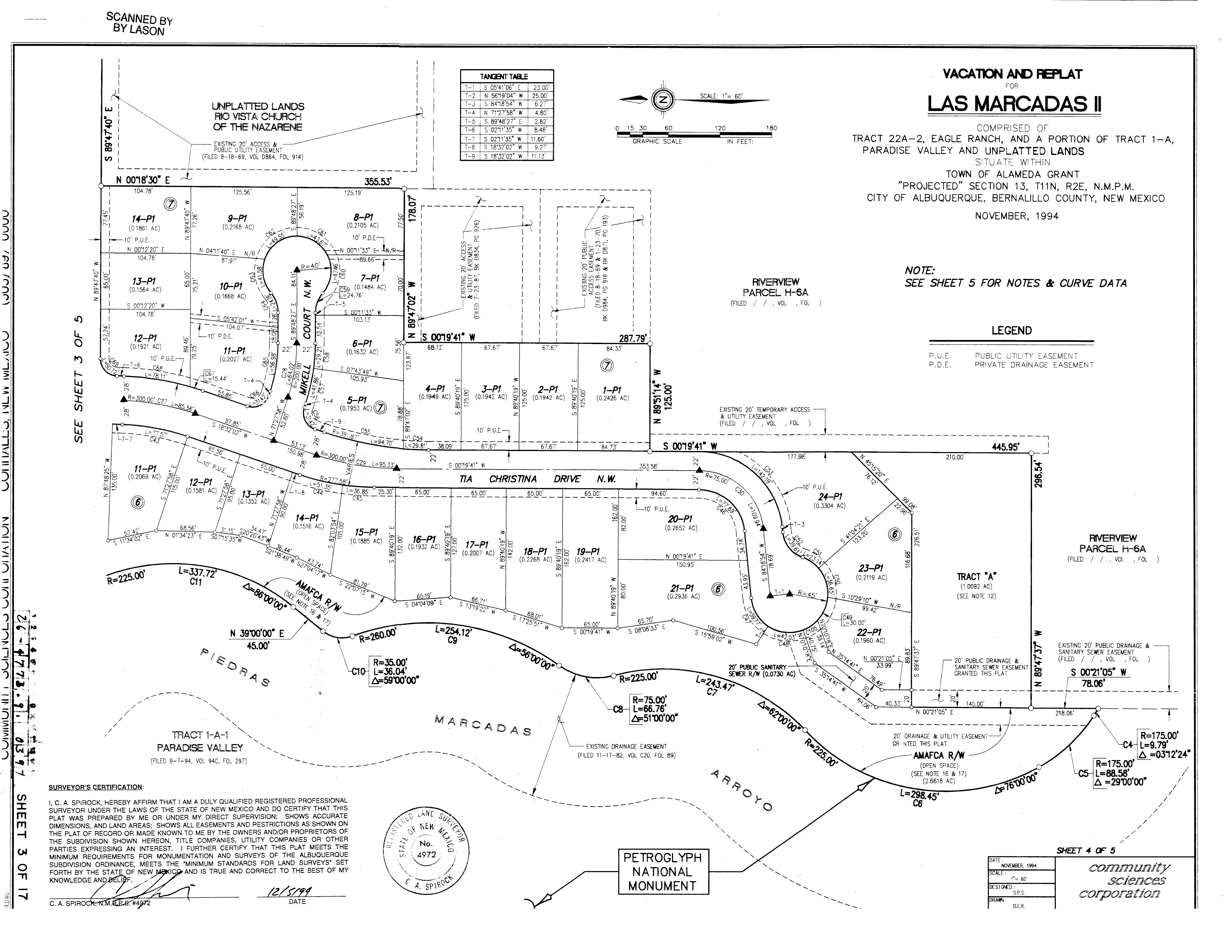
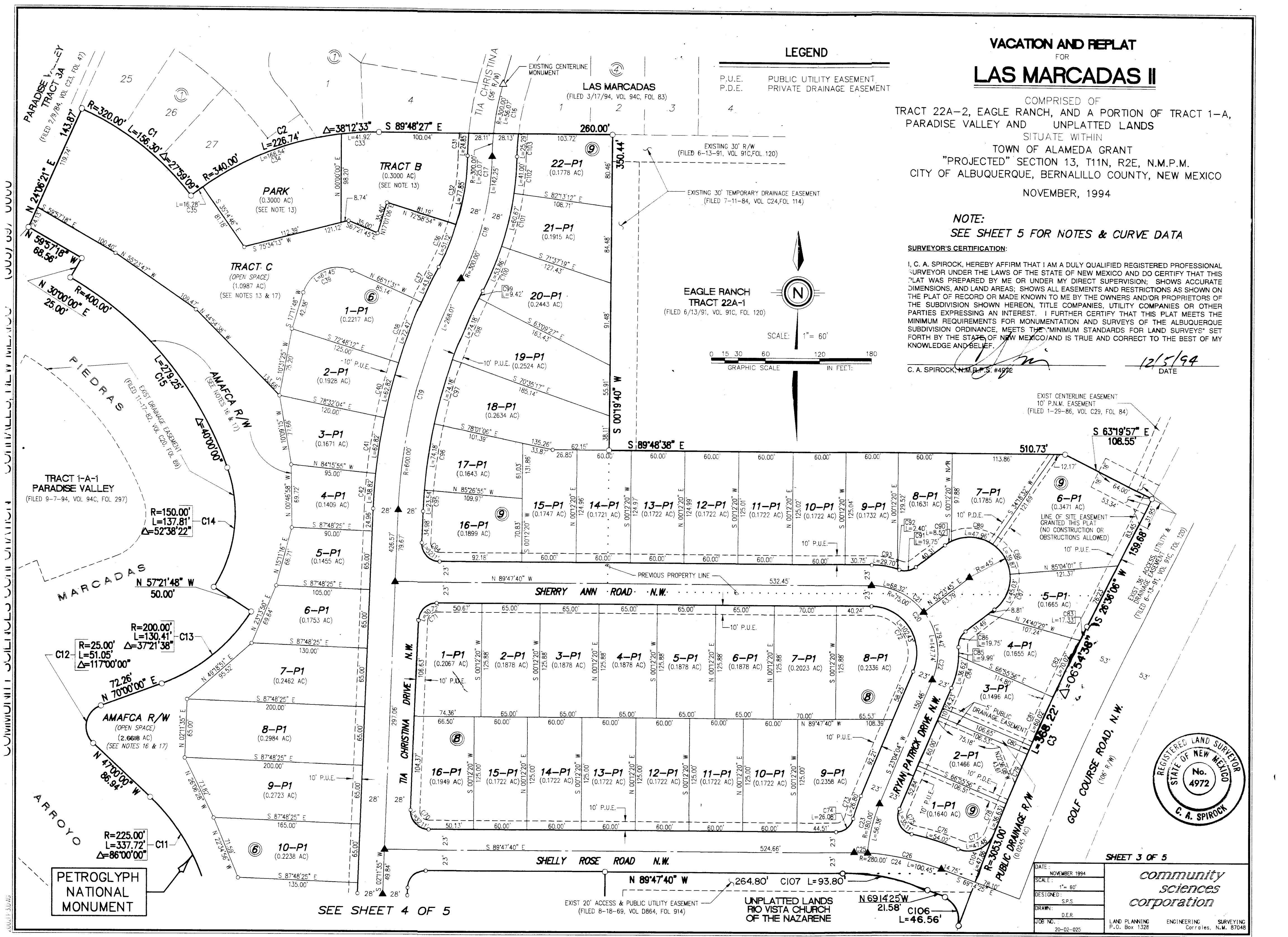
WITNESS MY HAND AND OFFICIAL SEAL

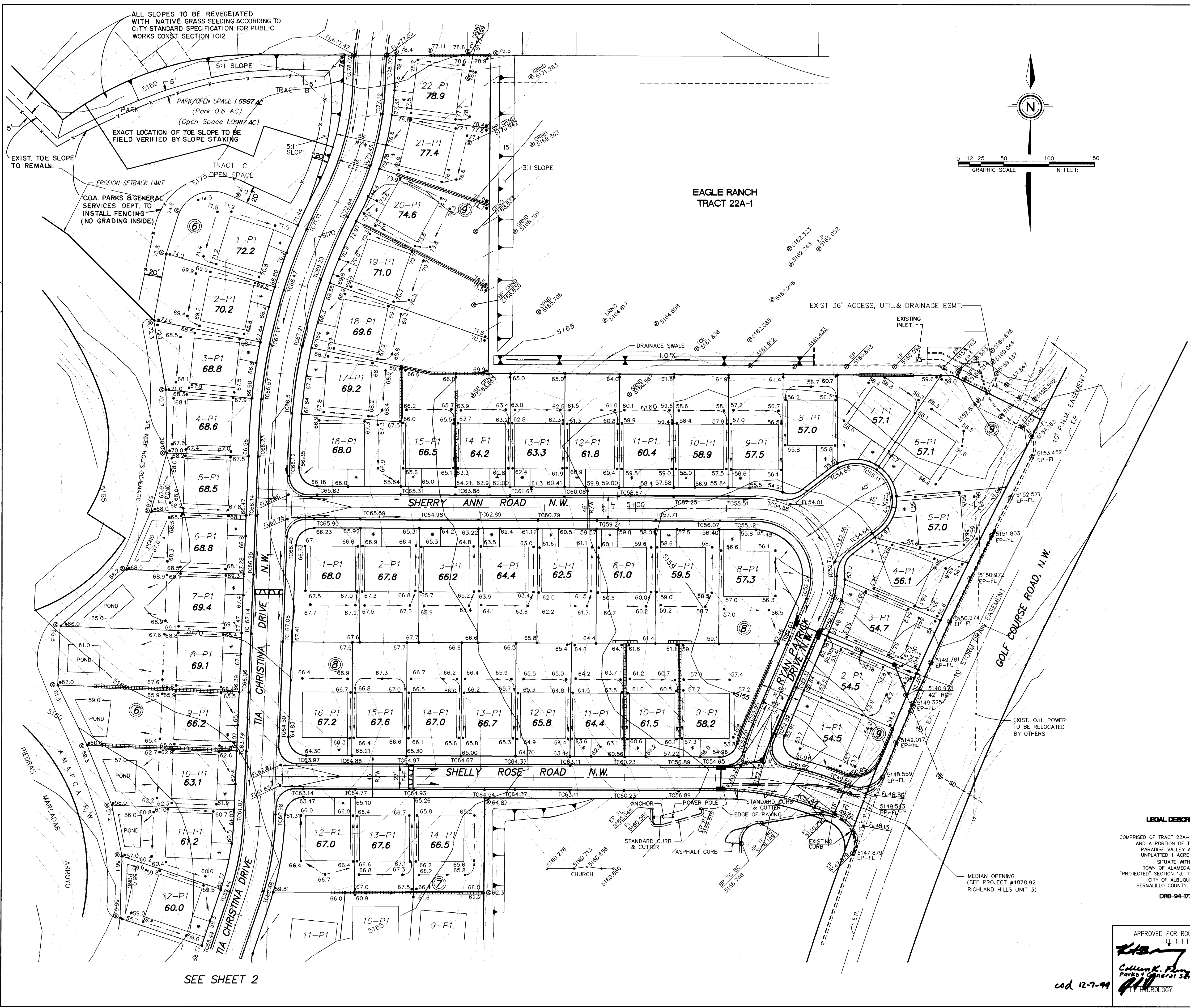
BY: [Signature] MY COMMISSION EXPIRES 6-27-95
NOTARY PUBLIC



SURVEYOR'S CERTIFICATION:

I, C. A. SPIROCK, HEREBY AFFIRM THAT I AM A DULY QUALIFIED REGISTERED PROFESSIONAL SURVEYOR UNDER THE LAWS OF THE STATE OF NEW MEXICO AND DO CERTIFY THAT THIS PLAT





LEGEND

- TC55.0 PROPOSED TOP OF CURB ELEVATION
- 55.1 PROPOSED SPOT ELEVATION
- 52.5 EXISTING SPOT ELEVATION (GRND & TC)
- EROSION CONTROL BERM
- PROPOSED CONCRETE VALLEY GUTTER
- EXISTING CURB & GUTTER
- PROPOSED MOUNTABLE CURB & GUTTER
- PROPOSED STANDARD CURB & GUTTER
- 4973 EXISTING CONTOUR W/INDEX ELEVATION
- SWALE
- FLOW ARROW
- PROPOSED RETAINING WALL
- EXISTING STORM DRAIN & MANHOLE
- WATER BLOCK
- BASIN BOUNDARY
- EXISTING INLET
- PROPOSED INLET
- MANDATORY DRIVEWAY

EARTHWORK CALCULATIONS

CUT = 42,361 C.Y.
FILL = 37,622 C.Y.
EXCESS = 4,739 C.Y.
NOTE: USED SHRINKAGE FACTOR = 35%

LEGAL DESCRIPTION

COMPRISED OF TRACT 22A-2, EAGLE RANCH, AND A PORTION OF TRACT 1-A, PARADISE VALLEY AND AN UNPLATTED 1 ACRE PARCEL SITUATE WITHIN TOWN OF ALAMEDA GRANT "PROJECTED" SECTION 13, T11N, R2E, N.M.P.M. CITY OF ALBUQUERQUE, BERNALILLO COUNTY, NEW MEXICO

DRB-94-177

AS BUILT INFORMATION

CONTRACTOR: Universal
DATE: 2/95
ACCEPTANCE BY: COA
DATE: 2/95
CORRECTED BY: C.S.C.
DATE: 7/95
RECORDED BY: C.S.C.
DATE: 7/95

BENCH MARKS

ACS MONUMENT 3-B12 LOCATED IN A LAVA ROCK ON THE ESCARPMENT NEAR RADCLIFF N.W., ELEVATION= 5277.26

SURVEY INFORMATION

NO.	DATE	BY
1	8/94	COMMUNITY SCIENCES

ENGINEER'S SEAL

[Signature]
10-25-94
11-7-94

REVISIONS

NO.	DATE	REMARKS
1	10/94	DESIGN
2	10/94	DESIGN

CITY OF ALBUQUERQUE

PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: LAS MARCADAS II
GRADING & EROSION CONTROL PLAN

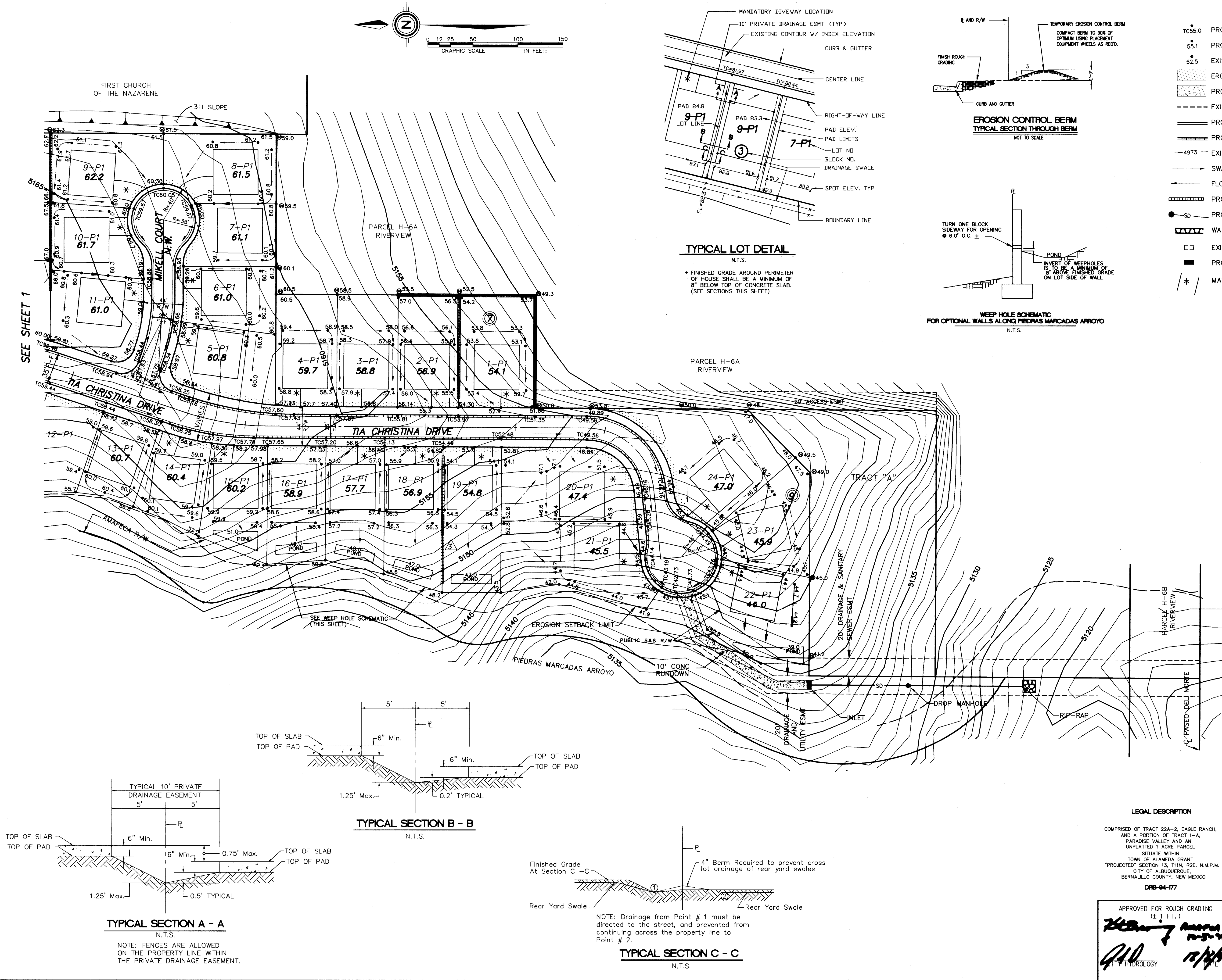
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN	<i>[Signature]</i>	2-21-95	WATER	NIA RWK	1-12-95
TRANSPORTATION	<i>[Signature]</i>	1-2-95	WASTE WATER	NIA RWK	1-12-95
HYDROLOGY	<i>[Signature]</i>	1-23-95	PARKS & GEN.S		

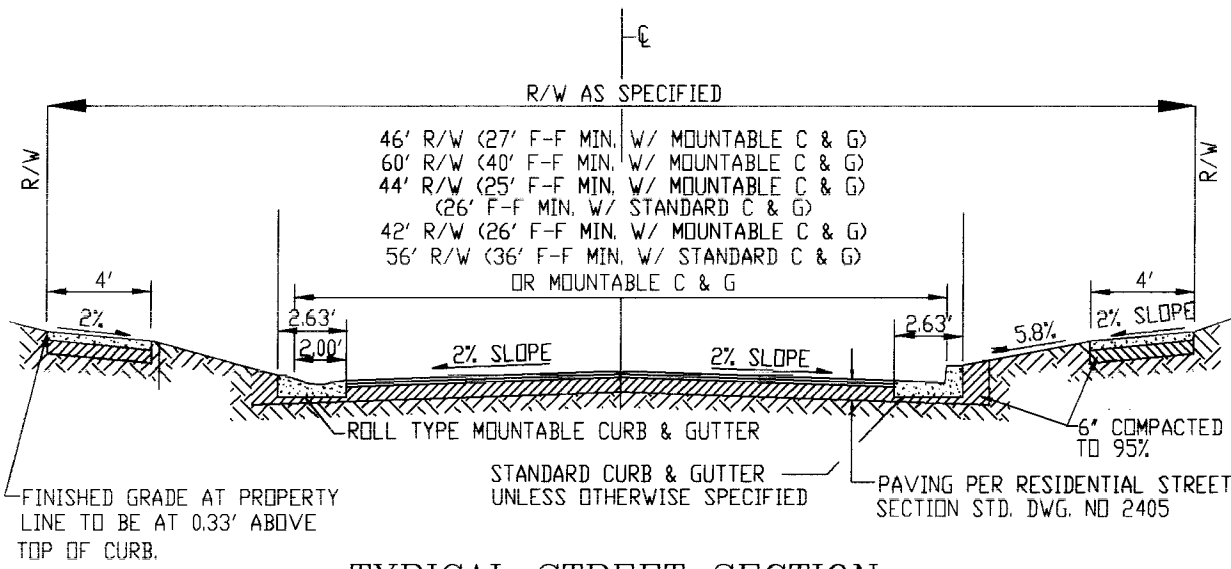
PROJECT NO. 4773.91
MAP NO. C-12
SHEET 4 OF 17

SEE SHEET 2

cod 12-7-94

SEE SHEET 1





NOT TO SCALE

1-1/2" ASPHALT CONCRETE
TYPICAL FINISH COURSE PLACED
AFTER ALL MANHOLES, VALVE
COVERS/RINGS ARE SET TO
GRADE, 1500 LBS. STABILITY
TYPE B GRADATION.

FINISH SURFACE OF SUBGRADE
SHALL BE MOISTURE CONTROLLED
AT COMPACTION MOISTURE RANGE,
OR PRIME COAT APPLIED AS
REQUIRED BY THE ENGINEER UNTIL
NEXT/FINAL SURFACING COMPLETED
SUBGRADE PREPARATION SHALL BE
PERFORMED AFTER ALL SUBSURFACE
R/W UTILITIES CONSTRUCTION
COMPLETED.

90% MIN. COMPACTION

TACK COAT AS REQUIRED BY THE
ENGINEER BETWEEN ALL
ASPHALT/AGGREGATE MATERIAL
LIFTS.

1-1/2" ASPHALT CONCRETE,
1500 LBS. STABILITY, TYPE A
GRADATION.

1' SUBGRADE SOIL, R-VALUE
60, PLACE IN 2'-6"
COMPACTED LIFTS, 95% MIN.
COMPACTION, AT OPT. MOISTURE
+/- 2.0%, ASTM D1557, OR
OPT. MOISTURE, TO +4%, ASTM
D698, FOR SOIL #35/8 OR MORE
MATERIAL PASSING THE NO.
200 SIEVE.

NDT TO SCALE

- ## KEYNOTES:

- 1 WHEELCHAIR RAMP PER
COA STD. DWG. 2441.
CASE I, UNLESS OTHERWISE NOTED.
- 2 WHEELCHAIR RAMP PER
COA STD. DWG. 2441
CASE II, UNLESS OTHERWISE NOTED.
- 3 MOUNTABLE TO STANDARD CURB
TRANSITION PER COA STD. DWG. 2418
- 4 CONC. VALLEY GUTTER PER
COA STD. DWG. 2420
- 5 SPECIAL CONC. VALLEY GUTTER
PER COA STD. DWG. 2422 (12" WIDE
W/ 150' CROWN TRANSITION)
- 6 FUTURE 4' SIDEWALK, BY OTHERS
- 7 50' CROWN TRANSITION PER
C.O.A. STD. DWG. 2401
- 8 PROPOSED 6' SIDEWALK, THIS CONTRACT
- 9 CUTOFF WALL FULL STREET WIDTH, 24"
DEEPEX 8" THICK PER C.O.A. STD.
DWG. NO. 2415
- 10 EXISTING CURB AND GUTTER REMOVAL
- 11 PAVING DRIVEPAD 28' WIDE PER C.O.A.
STD. DWG. 2425

community
sciences
corporation

LAND PLANNING ENGINEERING SURVEYING
P.O. Box 1328 Corrales, N.M. 87048

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE : LAS MARCADAS - UNIT 2
COMPOSITE PAVING PLAN

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN	<i>34</i>	2-21-95	WATER	N/A RWK	1-12-95
TRANSPORTATION	<i>R. Smith</i>	1-12-95	WASTE WATER	N/A RWK	1-12-95
HYDROLOGY	<i>7/95</i>	1-23-95	A.M.A.F.C.A.		

PROJECT NO.	4773.91	MAP NO.	C-12	SHEET	6	OF	17
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ENGINEER'S SEAL						SURVEY INFORMATION		BENCH MARKS		AS BUILT INFORMATION	
						FIELD NOTES					
						NO.		DATE		CONTRACTOR	
							1	COMMUNITY SCIENCES	8/94	ACS MONUMENT 3-B12 LOCATED IN A LAYA ROCK ON THE ESCARPMENT NEAR RADCLIFF N.W., ELEVATION = 5277.26	J.R. HALE
											MARK
											STATE BY C.S.C.
											DATE
											ACCEPTANCE BY C.S.C.
											DATE
											FIELD VERIFICATION BY C.S.C.
											DATE
											CORRECTED BY C.S.C.
											DATE 7/17/95
						MICRO-FILM INFORMATION					
						RECORDED BY					
						DATE					
						NO.					

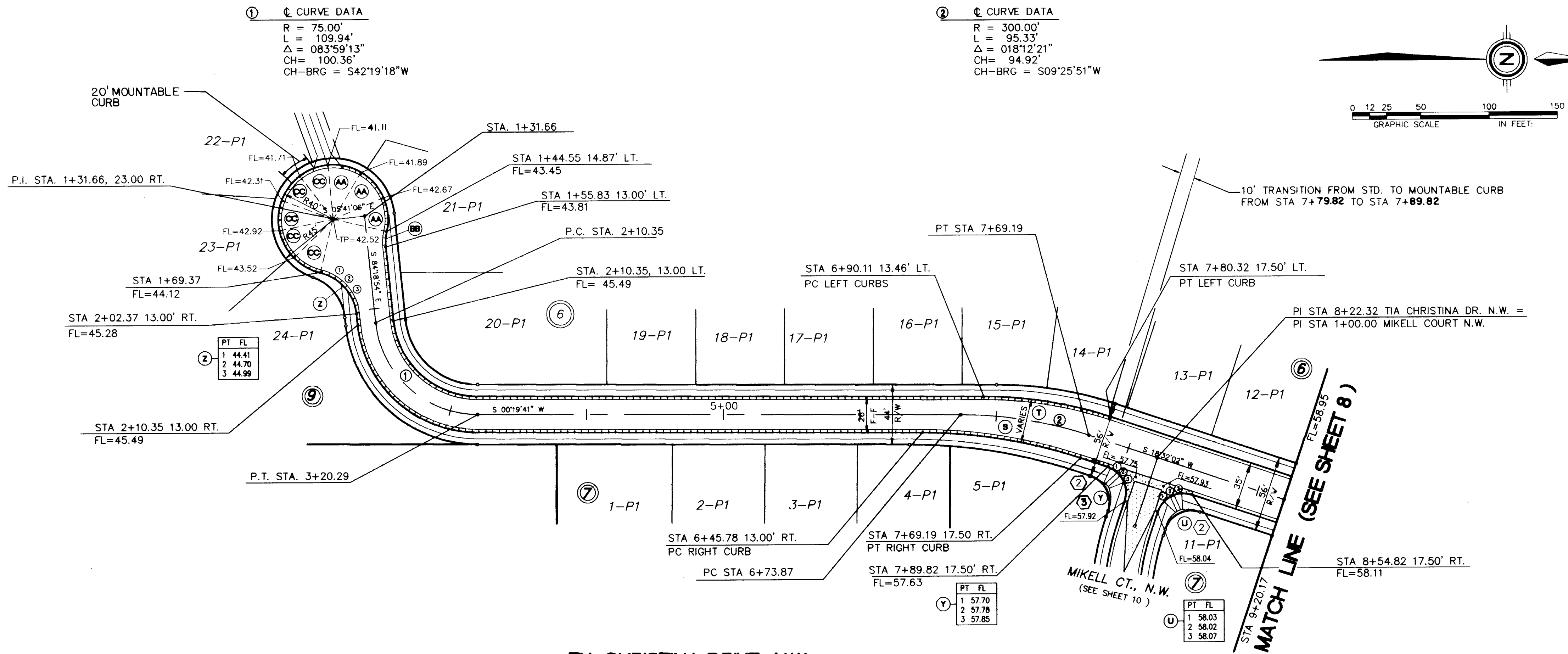
APPROVALS		ENGINEER		DATE	
N/A RWK		N/A RWK		1-12-95	
N/A RWK		N/A RWK		1-12-95	

DESIGNED BY		ZJR		DATE 11/94	
DRAWN BY		MQJ, LJD, MLV		DATE 11/94	
CHECKED BY				DATE	

REVISIONS

DESIGN

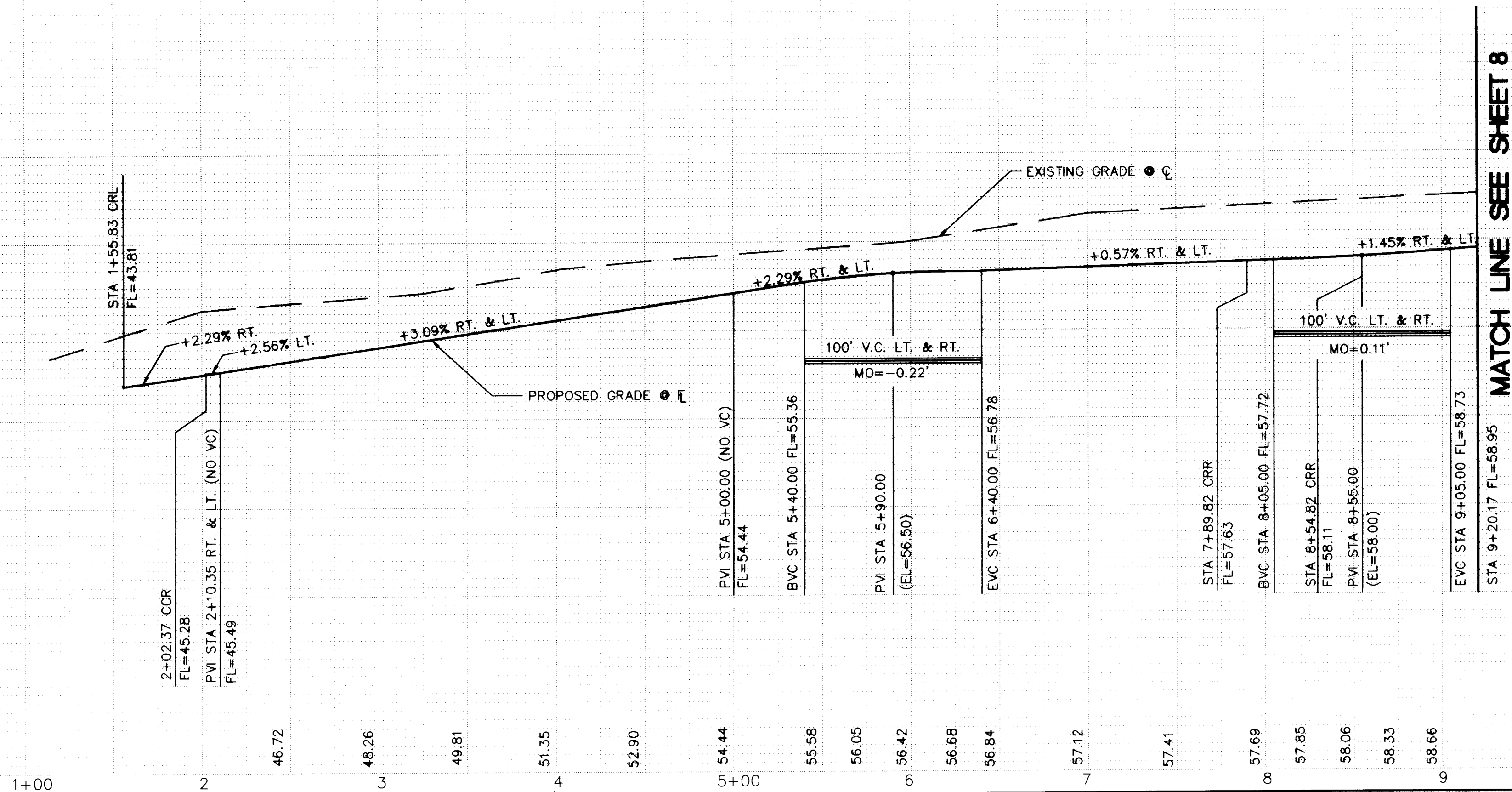
1-3-95



TIA CHRISTINA DRIVE N.W.
STANDARD AND MOUNTABLE CURB & GUTTER W/ RESIDENTIAL PAVING
(SEE SHEET 6 FOR STREET SECTION)

FL LT WHEN
RT. # RT.

FL LT & RT.
WHEN LT. = RT.



MATCH LINE SEE SHEET 8

LEGEND

	PROPOSED VALLEY GUTTER/ SIDEWALK
	EXISTING CURB & GUTTER
	PROPOSED MOUNTABLE CURB & GUTTER
	PROPOSED STANDARD CURB & GUTTER
	CROWN TRANSITION

- KEYNOTES**
- WHEELCHAIR RAMP PER COA STD. DWG. 2441 CASE I, UNLESS OTHERWISE NOTED.
 - WHEELCHAIR RAMP PER COA STD. DWG. 2441 CASE II, UNLESS OTHERWISE NOTED.
 - MOUNTABLE TO STANDARD CURB TRANSITION PER COA STD. DWG. 2418
 - CONC. VALLEY GUTTER PER COA STD. DWG. 2420
 - SPECIAL CONC. VALLEY GUTTER PER COA STD. DWG. 2422 (12' WIDE WITH 150' CROWN TRANSITION)
 - FUTURE 4' SIDEWALK, BY OTHERS
 - 50' CROWN TRANSITION PER C.O.A. STD. DWG. 2401
 - PROPOSED 6' SIDEWALK, THIS CONTRACT
 - CUTOFF WALL FULL STREET WIDTH, 24" DEEPX 8" THICK PER C.O.A. STD. DWG. NO. 2415

CURB CURVE TABLE AT FACE OF CURB

CURVE IDEN	RADIUS	ARC	DELTA
A	20.00	32.11	091-59-15
B	20.00	30.72	088-00-45
C	88.50	22.86	014-47-48
D	35.00	32.14	052-38-23
E	40.00	20.94	030-00-00
F	35.00	32.24	052-46-58
G	89.00	36.43	023-27-17
H	61.38	120.87	112-51-44
I	166.00	9.79	003-22-48
J	20.00	34.61	099-09-45
K	298.00	53.23	010-14-04
L	30.00	46.52	088-51-28
M	34.87	54.46	089-28-42
N	270.86	97.21	020-33-15
O	194.00	32.28	009-31-58
P	20.00	28.76	078-40-14
Q	20.00	32.11	091-59-15
R	20.00	30.72	088-00-45
S	372.39	118.33	018-12-21
T	297.04	94.38	018-12-21
U	20.00	31.42	090-00-00
V	35.00	28.87	047-18-04
W	35.00	27.95	045-45-21
X	35.00	28.87	047-18-04
Y	20.00	31.42	090-00-00
Z	35.00	43.08	070-31-44
AA	40.00	25.24	036-09-19
BB	35.00	11.48	018-47-49
CC	40.00	22.46	032-10-19

SCALE:
HORIZ: 1" = 50'
VERT: 1" = 10'

community sciences corporation
LAND PLANNING P.O. Box 1328
ENGINEERING CORRALES, N.W. 87048
SURVEYING

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

**TITLE: LAS MARCADAS - UNIT 2
PAVING PLAN & PROFILE
TIA CHRISTINA DRIVE N.W.**

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRG. CHAIRMAN	<i>[Signature]</i>	2-21-95	WATER	NIA RWK	1-12-95
TRANSPORTATION	<i>[Signature]</i>	1-12-95	WASTE WATER	NIA RWK	1-12-95
HYDROLOGY	<i>[Signature]</i>	1-23-95	A.M.A.F.C.A.		

PROJECT NO. 4773.91 MAP NO. C-12 SHEET 7 OF 17

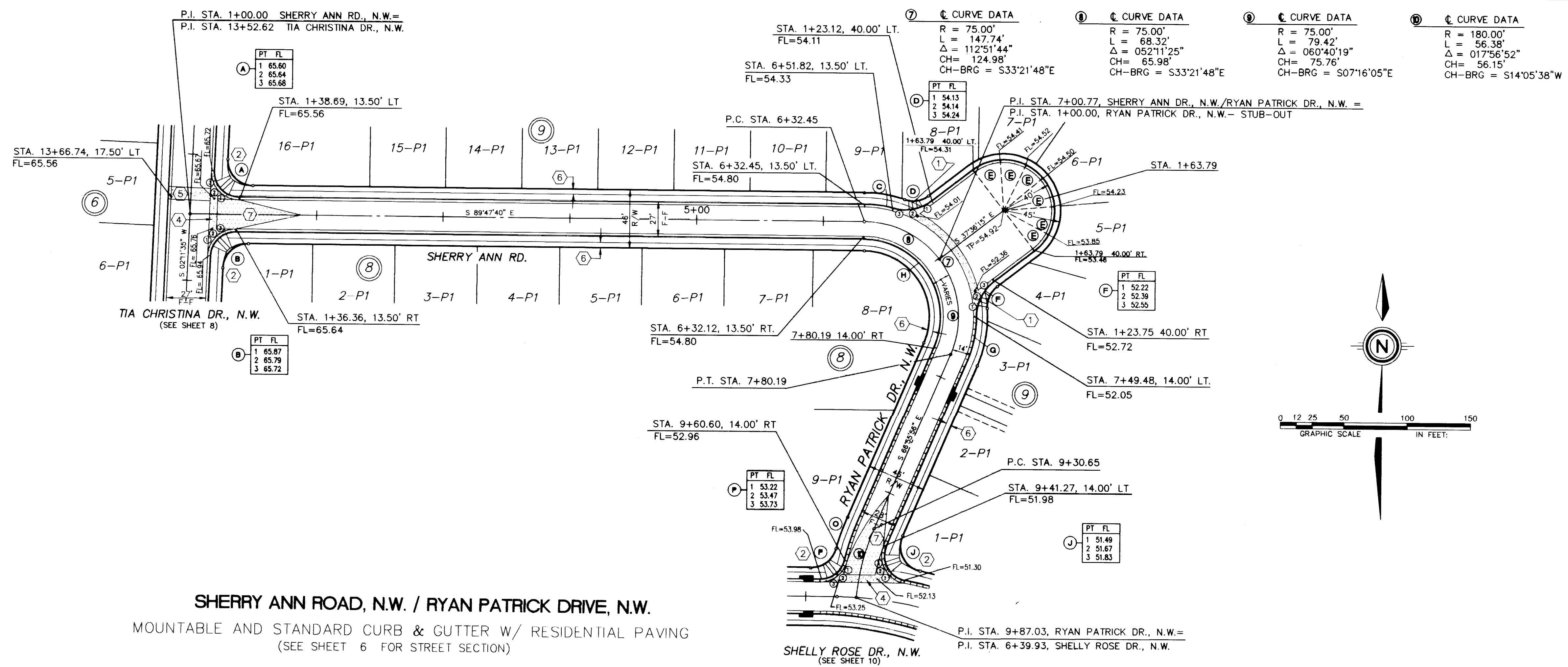
AS BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		FIELD NOTES		ENGINEER'S SEAL	
CONTRACTOR	DATE	CONTRACTOR	DATE	NO.	BY	NO.	BY	NO.	BY
STATE BY	C.S.C.	STATE BY	C.S.C.	1	COMMUNITY SCIENCES	8/94			
INSPECTOR	DATE	INSPECTOR	DATE						
FIELD BY	C.S.C.	FIELD BY	C.S.C.						
VERIFICATION BY	C.S.C.	VERIFICATION BY	C.S.C.						
CORRECTED BY	DATE	CORRECTED BY	DATE						
RECORDED BY	DATE	RECORDED BY	DATE						

REVISIONS

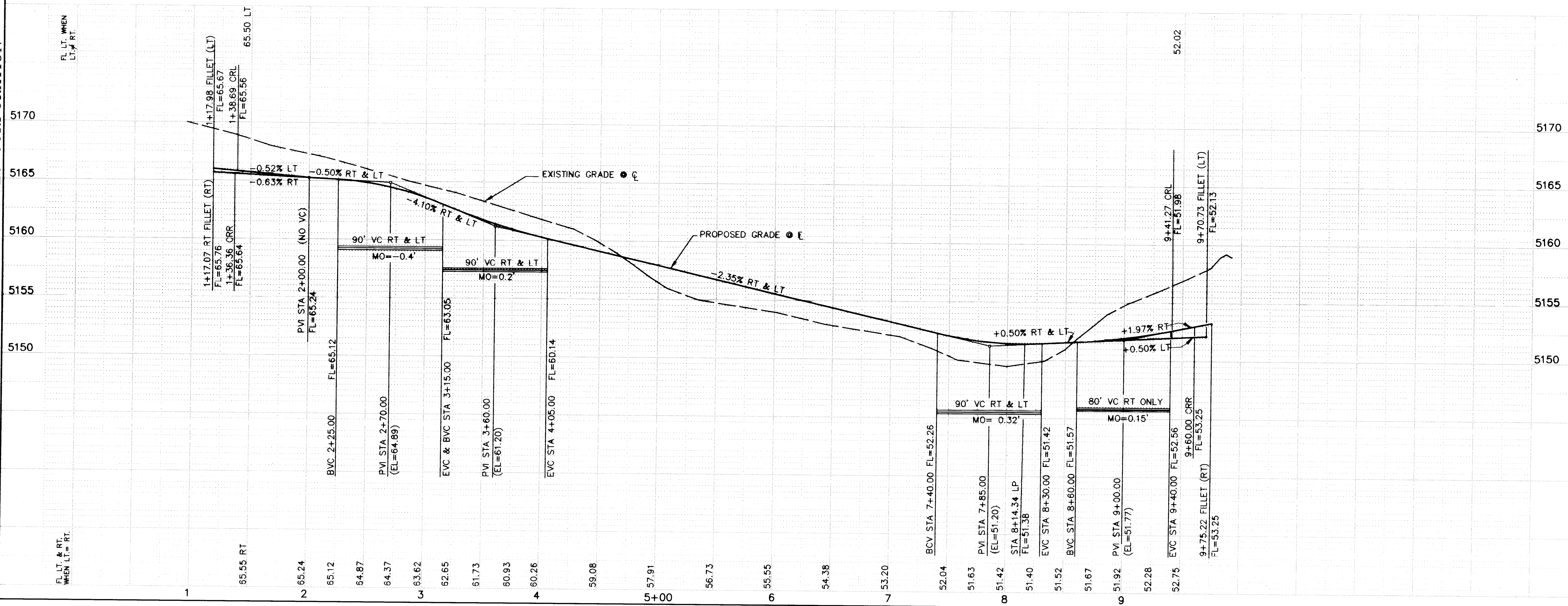
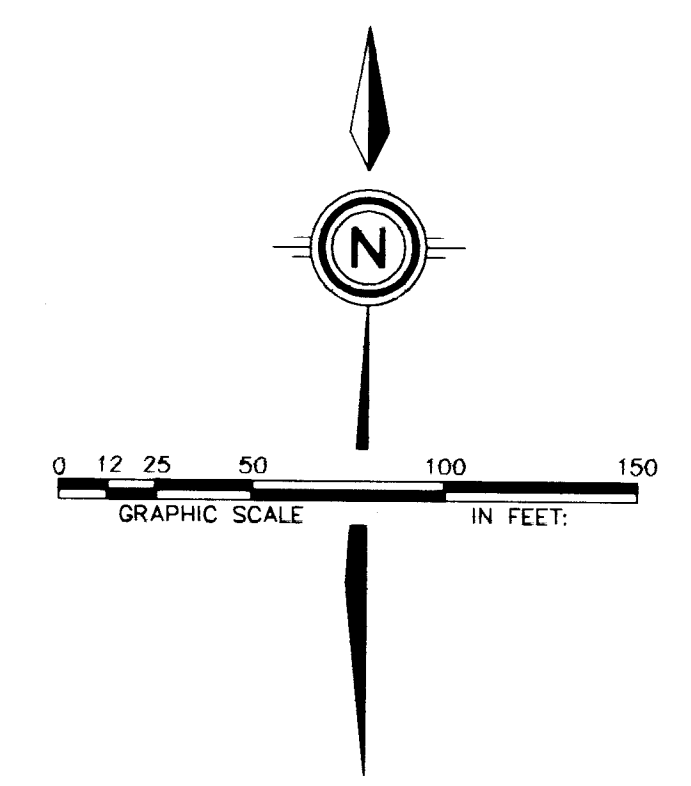
NO.	DATE	REMARKS
1	12/94	DESIGN

DESIGNED BY ZJR DATE 12/94
DRAWN BY MCQ, LUD, MLV DATE 12/94
CHECKED BY DATE

PROJECT NO.	4773.91	MAP NO.	C-12	SHEET	8 OF 17
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SHERRY ANN ROAD, N.W. / RYAN PATRICK DRIVE, N.W.
MOUNTABLE AND STANDARD CURB & GUTTER W/ RESIDENTIAL PAVING
(SEE SHEET 6 FOR STREET SECTION)



LEGEND

- PROPOSED VALLEY GUTTER/ SIDEWALK
- EXISTING CURB & GUTTER
- PROPOSED MOUNTABLE CURB & GUTTER
- PROPOSED STANDARD CURB & GUTTER
- CROWN TRANSITION

KEYNOTES

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- WHEELCHAIR RAMP PER COA STD. DWG. 2441 CASE II, UNLESS OTHERWISE NOTED.
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- CONC. VALLEY GUTTER PER COA STD. DWG. 2420
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T	297.04	94.36	018-12-21
U	20.00	31.42	090-00-00
V	35.00	28.87	047-16-04
W	35.00	27.99	048-45-21
X	35.00	28.87	047-16-04
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AA	40.00	25.24	036-09-19
BB	35.00	11.48	018-47-49
CC	40.00	22.46	032-10-19

AS BUILT INFORMATION

CONTRACTOR	DATE
C.S.C.	7/7/95

ENGINEER'S SEAL

1-3-95

REVISIONS

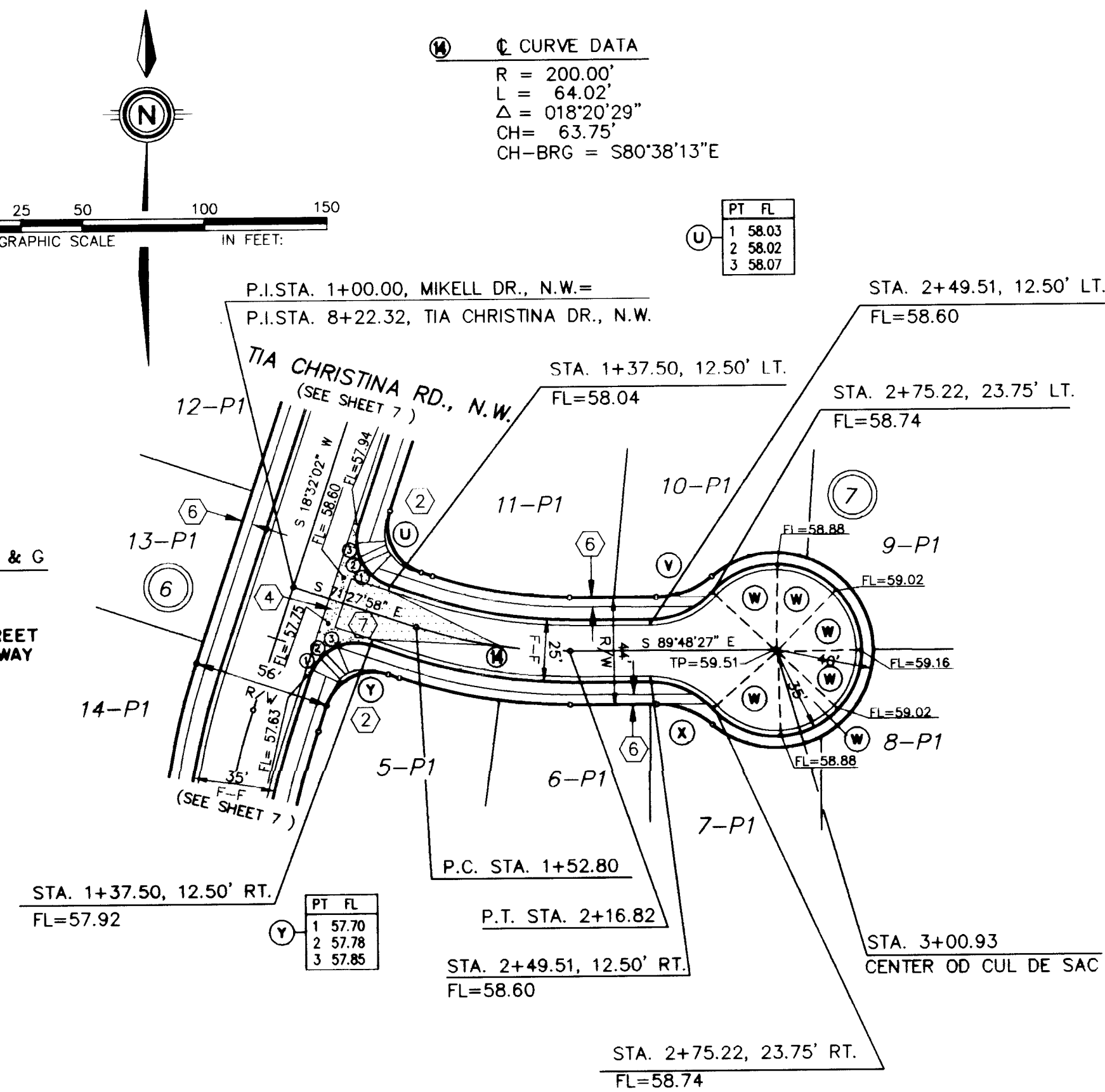
NO.	DATE	REMARKS
1	12/94	DESIGN
2	12/94	DESIGN

PROJECT INFORMATION

PROJECT NO. 4773.91

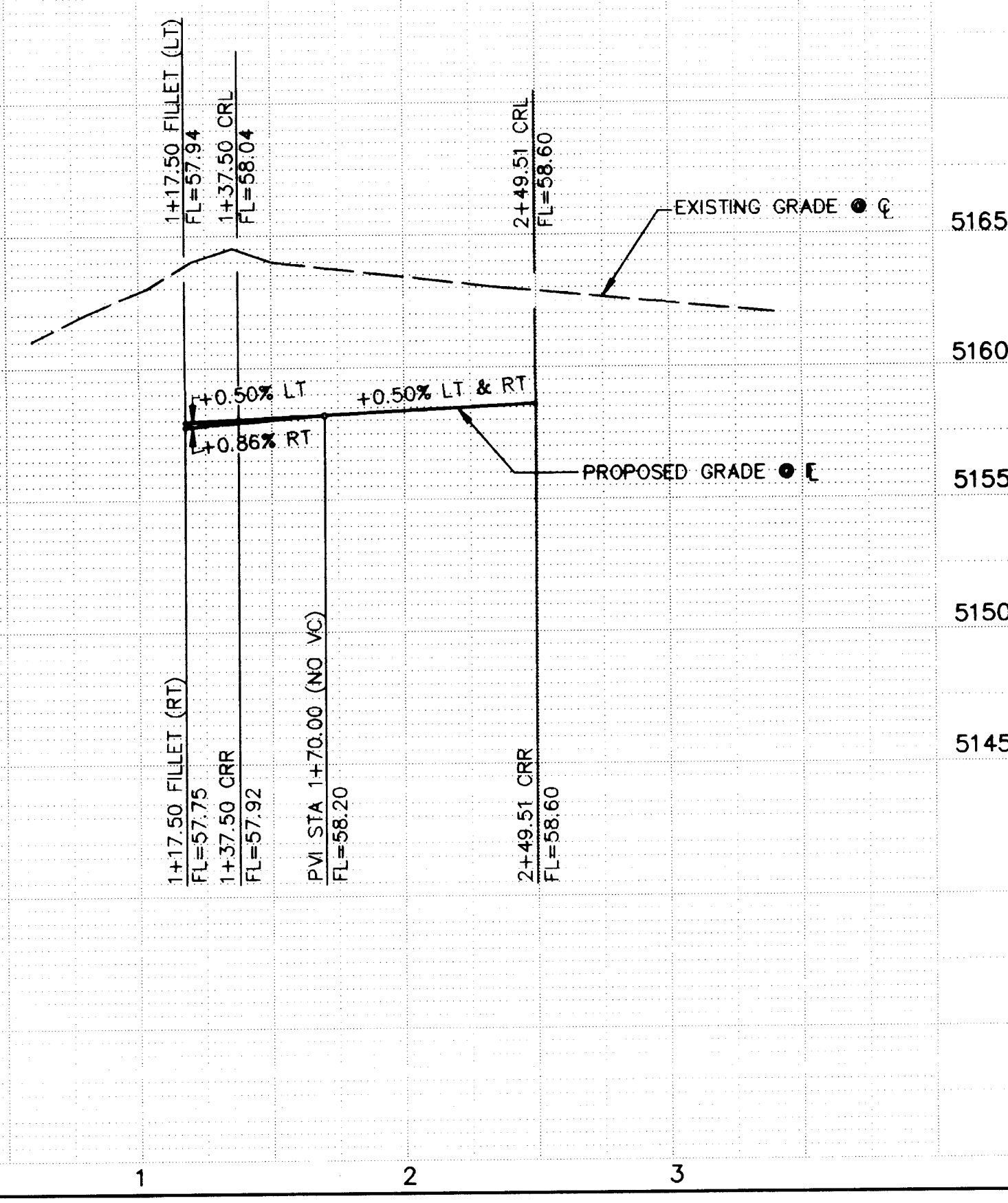
MAP NO. C-12

SHEET 9 OF 17



MIKELL COURT, N.W.

MOUNTABLE CURB & GUTTER W/ RESIDENTIAL PAVING
(SEE SHEET 6 FOR STREET SECTION)



KEYNOTES

- (1) WHEELCHAIR RAMP PER
COA STD. DWG. 2441
CASE I, UNLESS OTHERWISE NOTED.
- (2) WHEELCHAIR RAMP PER
COA STD. DWG. 2441
CASE II, UNLESS OTHERWISE NOTED.
- (3) MOUNTABLE TO STANDARD CURB
TRANSITION PER COA STD. DWG. 2418
- (4) CONC. VALLEY GUTTER PER
COA STD. DWG. 2420
- (5) SPECIAL CONC. VALLEY GUTTER
PER COA STD. DWG. 2422 (12" WIDE
WITH 150' CROWN TRANSITION)
- (6) FUTURE 4' SIDEWALK, BY OTHERS
- (7) 50' CROWN TRANSITION PER
C.O.A. STD. DWG. 2401
- (8) PROPOSED 6' SIDEWALK, THIS CONTRACT
- (9) CUTOFF WALL FULL STREET WIDTH, 24"
DEEP, 8" THICK PER C.O.A. STD.
DWG. NO. 2415
- (10) EXISTING CURB AND GUTTER REMOVAL
- (11) PAVING DRIVEPAD 28' WIDE PER C.O.A.
STD. DWG. 2425

CURB CURVE TABLE AT FACE OF CURB			
CURVE IDEN	RADIUS	ARC	DELTA
A	20.00	32.11	091-59-15
B	20.00	30.72	088-00-45
C	88.50	22.86	014-47-48
D	35.00	32.14	052-36-23
E	40.00	20.94	030-00-00
F	35.00	32.24	052-46-58
G	89.00	36.43	023-27-17
H	61.36	120.87	112-51-44
I	166.00	9.79	003-22-48
J	20.00	34.61	099-09-45
K	298.00	53.23	010-14-04
L	30.00	46.52	088-51-28
M	34.87	54.46	089-28-42
N	270.96	97.21	020-33-15
O	194.00	32.28	039-31-58
P	20.00	26.76	076-40-14
Q	20.00	32.11	091-59-15
R	20.00	30.72	088-00-45
S	372.39	118.33	018-12-21
T	297.04	94.38	018-12-21
U	30.00	31.42	090-00-00
V	35.00	28.87	047-16-04
W	35.00	27.85	045-45-21
X	36.00	28.87	047-16-04
Y	20.00	31.42	090-00-00
Z	35.00	43.08	070-31-44
AA	40.00	25.24	036-09-19
BB	35.00	11.48	018-47-49
CC	40.00	22.46	032-10-19

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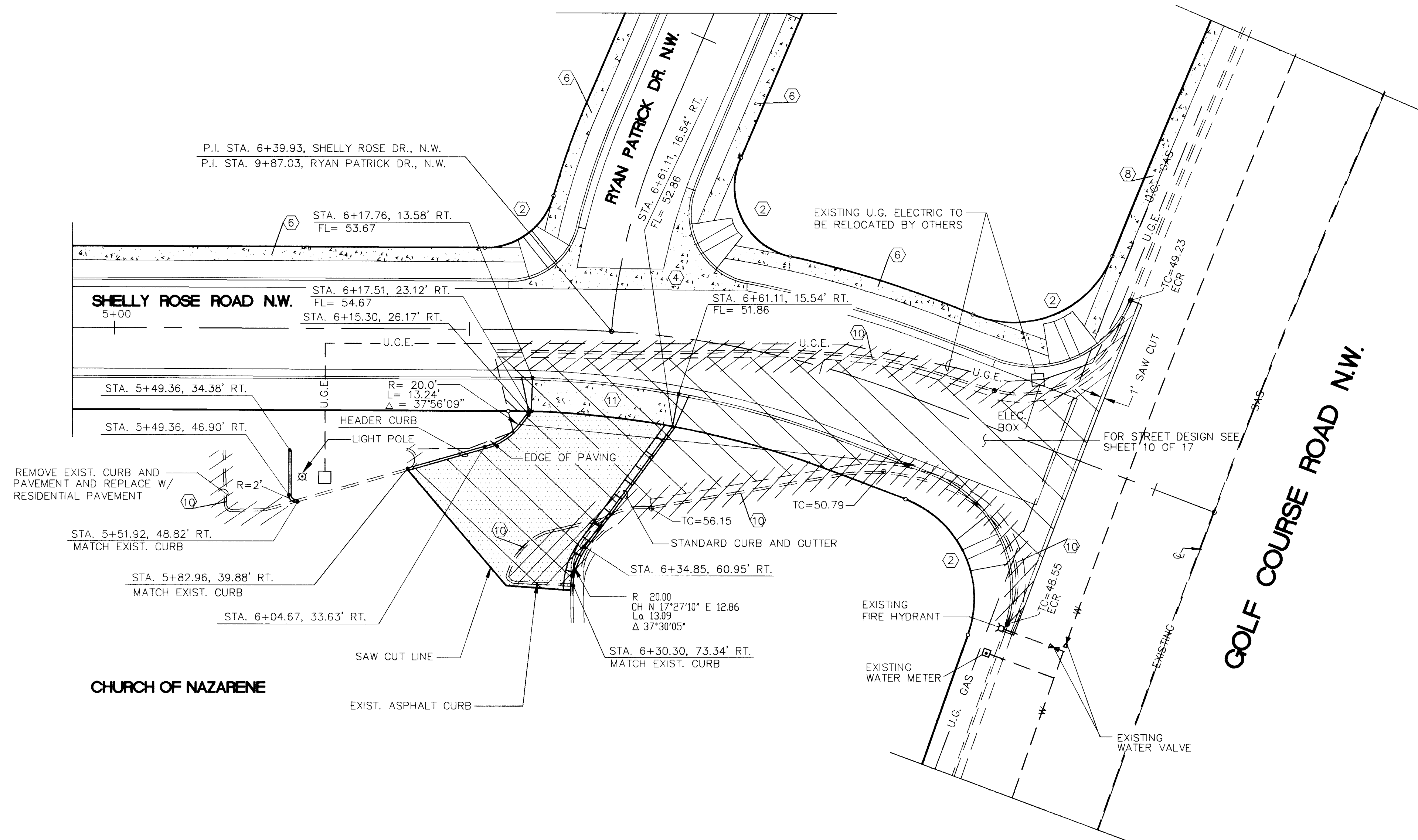
CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

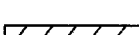
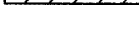
TITLE: LAS MARCADAS - UNIT 2
PAVING PLAN & PROFILE
SHELLY ROSE RD., N.W./MIKELL CT., N.W.

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN	Bg. Sushy	2-21-95	WATER	N/A RWK	1-12-95
TRANSPORTATION	R. D. Smith	1-12-95	WASTE WATER	N/A RWK	1-12-95
HYDROLOGY	205	1-23-95	A, M, A, F, C, A.		

PROJECT NO.	4773.91	MAP NO.	C-12	SHEET	10	OF	17
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ENGINEER'S SEAL 		SURVEY INFORMATION FIELD NOTES NO. BY DATE 1 COMMUNITY SCIENCES 8/94		BENCH MARKS ACS MONUMENT "3-912" LOCATED IN A LAVA ROCK ON THE ESCARPMENT NEAR RADCLIFF N.W., ELEV. = 5277.26		AS BUILT INFORMATION CONTRACTOR WORK STAKE BY DATE ADJUSTED BY C.S.C. FIELD DATE VERIFICATION BY C.S.C. CORRECTED BY C.S.C. DATE 11/95 MICRO-FILM INFORMATION RECORDED BY DATE NO.	
VERQUE PARTMENT GROUP		NO. DATE REMARKS REVISIONS DESIGN DESIGNED BY ZJR DATE 12/94 DRAWN BY MGL LJD, W.V DATE 12/94 CHECKED BY DATE		PROFILE CELL CT., N.W.		PROVALS R F WATER A.F.C.A.	
12		SHEET OF 17		10		17	



FL=74.11	PROPOSED CURB FLOWLINE ELEVATION
73.6 @	EXISTING SPOT ELEVATION (GRND & TO)
	PROPOSED VALLEY GUTTER/ SIDEWALK
	EXISTING CURB & GUTTER
	PROPOSED MOUNTABLE CURB & GUTTER
	PROPOSED STANDARD CURB & GUTTER
	EXISTING SIDEWALK
	FLOW ARROW
	EXISTING SANITARY SEWER MANHOLE
	PROPOSED SANITARY SEWER MANHOLE
	EXISTING STORM MANHOLE
	PROPOSED STORM MANHOLE
	EXISTING GATE VALVE
	PROPOSED GATE VALVE
	EXISTING AIR RELEASE VALVE
	PROPOSED AIR RELEASE VALVE
	CROWN TRANSITION
	PROPOSED STORM SEWER CATCH BASIN
	EXISTING STORM SEWER CATCH BASIN
	PROPOSED STREET LIGHT
	EXISTING STREET LIGHT
	PROPOSED FIRE HYDRANT
	EXISTING FIRE HYDRANT
	PROPOSED WATER METER
	EXISTING WATER METER
	NEW RESIDENTIAL PAVEMENT
	EXISTING PAVEMENT REMOVAL
	CURB AND VALLEY GUTTER REMOVAL

- (1) WHEELCHAIR RAMP PER COA STD. DWG. 2441. CASE I, UNLESS OTHERWISE NOTED.
- (2) WHEELCHAIR RAMP PER COA STD. DWG. 2441. CASE II, UNLESS OTHERWISE NOTED.
- (3) MOUNTABLE TO STANDARD CURB TRANSITION PER COA STD. DWG. 2418
- (4) CONC. VALLEY GUTTER PER COA STD. DWG. 2420
- (5) SPECIAL CONC. VALLEY GUTTER PER COA STD. DWG. 2422 (12" WIDE WITH 150' CROWN TRANSITION)
- (6) FUTURE 4' SIDEWALK, BY OTHERS
- (7) 50' CROWN TRANSITION PER C.O.A. STD. DWG. 2401
- (8) PROPOSED 6' SIDEWALK, THIS CONTRACT
- (9) CUTOFF WALL FULL STREET WIDTH, 24" DEEP x 8" THICK PER C.O.A. STD. DWG. NO. 2415
- (10) EXISTING CURB AND GUTTER REMOVAL
- (11) PAVING DRIVEPAD PER C.O.A. STD. DWG. 2425

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
2	6	-	4	7	7	3	.	9	1	.	1	1	9	7

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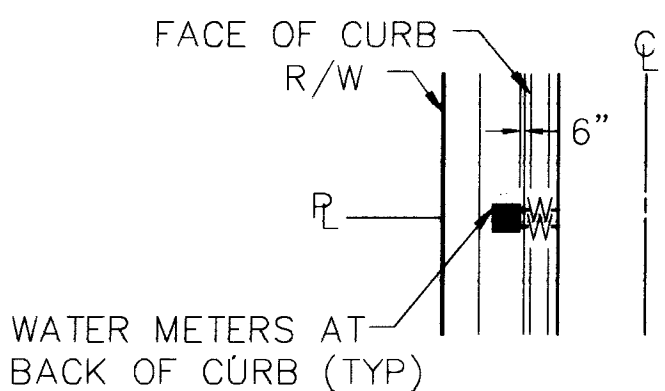
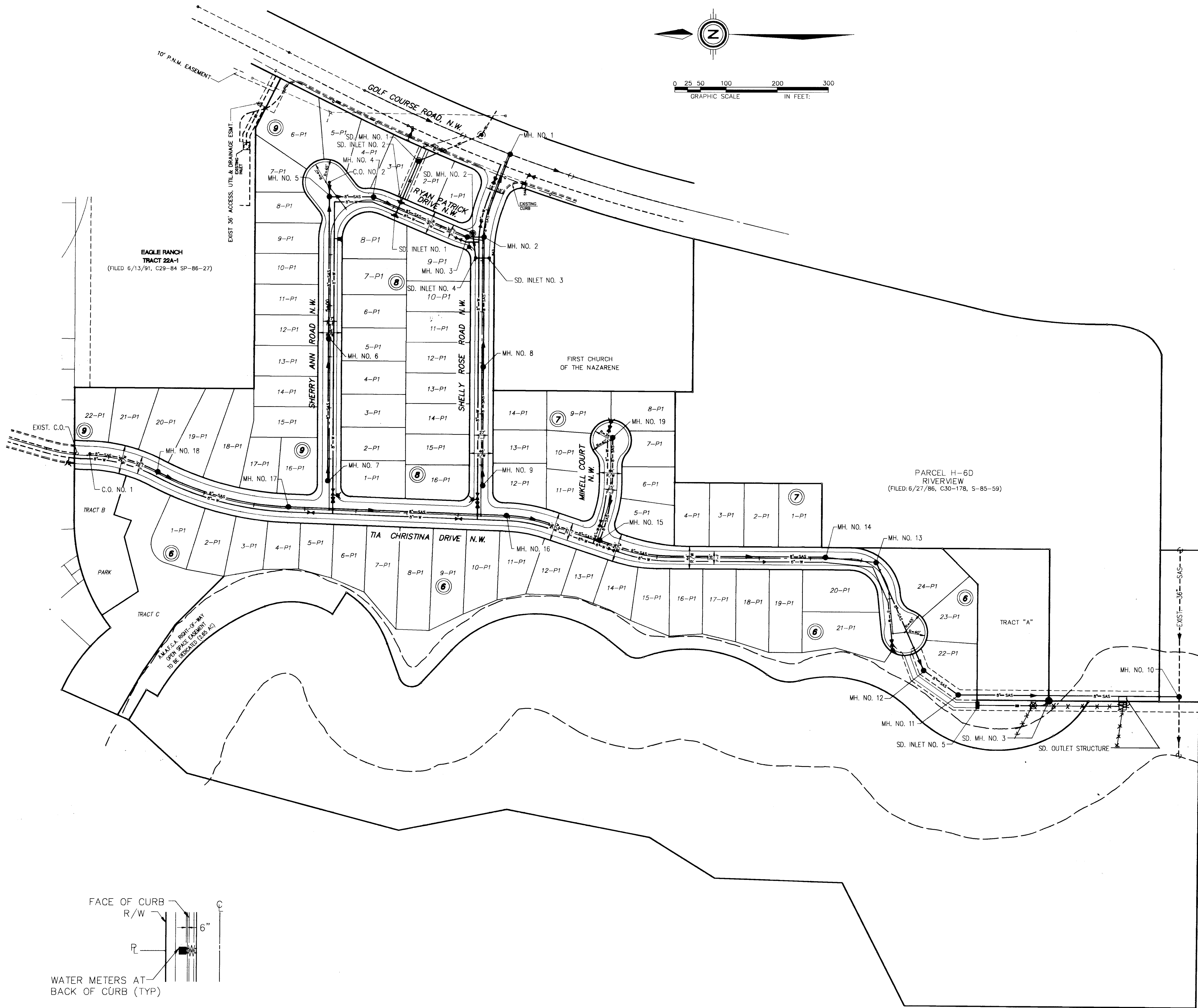
CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE : LAS MARCADAS - UNIT 2
CHURCH OF NAZARENE DRIVEWAY DETAIL

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN	B.G. Gorkley	2-21-95	WATER	N/A RWK	1-12-95
TRANSPORTATION	R.D. Gorkley	1-12-95	WASTE WATER	N/A RWK	1-12-95
HYDROLOGY	SM	1-23-95	A.M.A.F.C.A.		

PROJECT NO.	4773.91	MAP NO.	C-12	SHEET	11	OF	17
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SCANNED BY
D. LASON



WATER METER LOCATION DETAIL
NTS

UTILITY LEGEND		
DESCRIPTION	PROPOSED	EXISTING
SANITARY SEWER LINE		
ENCASEMENT		
SANITARY SEWER MANHOLE		
SAS SERVICE CONNECTION		
STORM DRAIN LINE		
STORM DRAIN MANHOLE		
STORM DRAIN INLETS		
WATER LINE		
GATE VALVE		
BUTTERFLY VALVE		
FIRE HYDRANTS		
REDUCERS		
WATER SERVICE/ METER		
TEES		
CROSSES		
BENDS		
CAPS & PLUGS		
GAS LINES		
OVERHEAD ELECTRICAL LINE		
UNDERGROUND ELECTRICAL		
OVERHEAD TELEPHONE		
UNDERGROUND TELEPHONE		
CABLE TELEVISION		
POWER OR TELEPHONE POLE		

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
26-4773.91-1-12-95

DATE: NOV, 1994
SCALE:
1" = 100'

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JOB NO.: 20-02-041

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CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: LAS MARCADAS - UNIT 2
COMPOSITE UTILITY PLAN

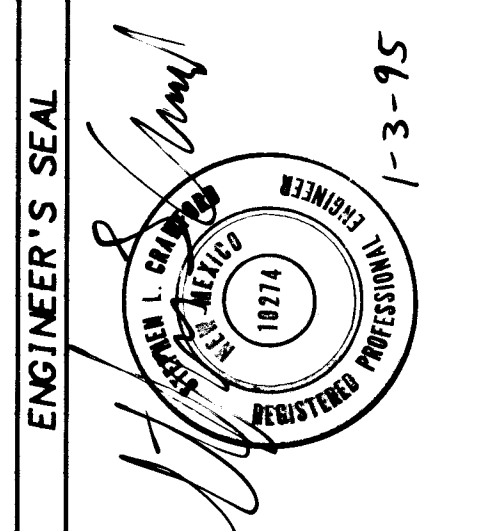
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN	<i>[Signature]</i>	2-21-95	WATER	R.W. Kane	1-12-95
TRANSPORTATION	<i>[Signature]</i>	1-12-95	WASTE WATER	R.W. Kane	1-12-95
HYDROLOGY	<i>[Signature]</i>	1-23-95	A.M.A.F.C.A.		
			N.M. UTILITIES	<i>[Signature]</i>	1-3-95

PROJECT NO. 4773.91
MAP NO. C-12
SHEET 12 OF 17

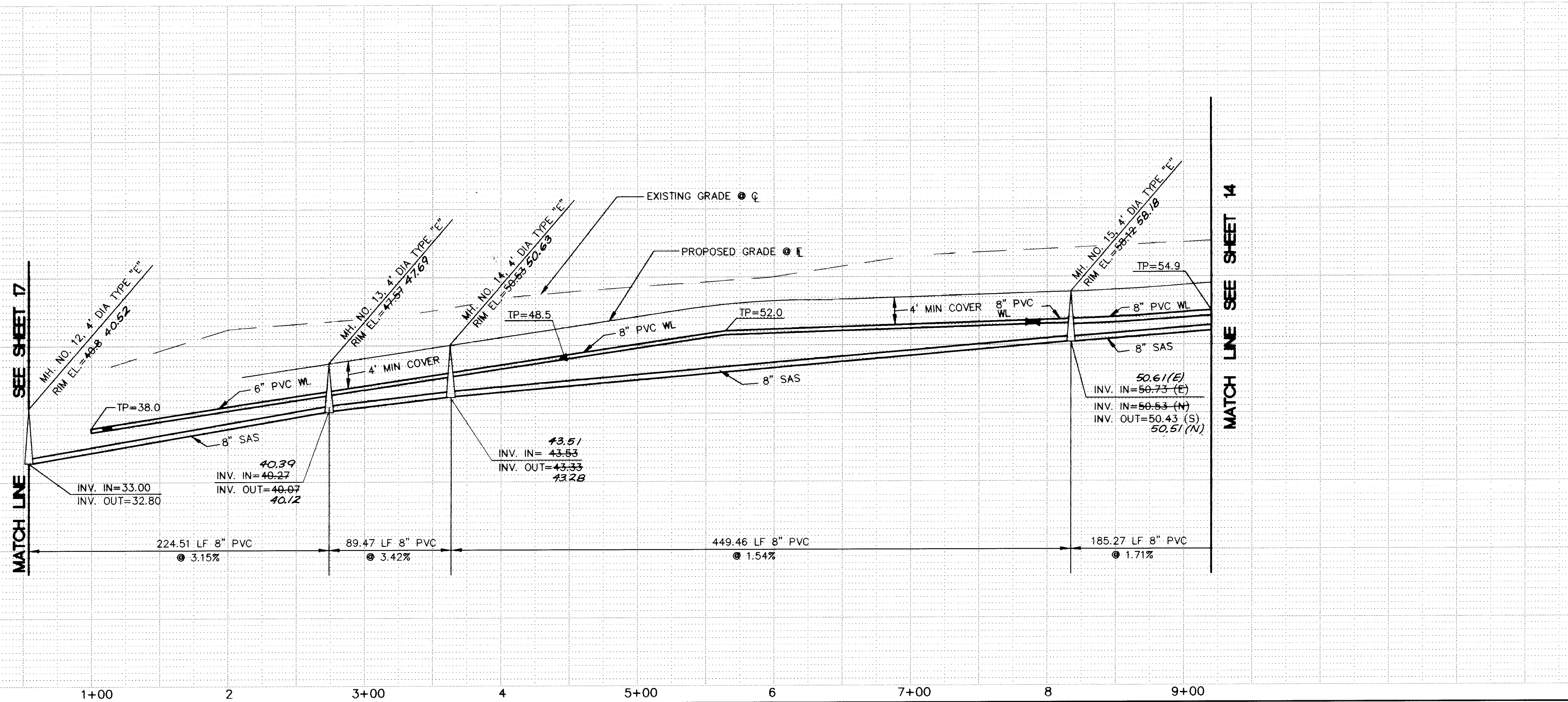
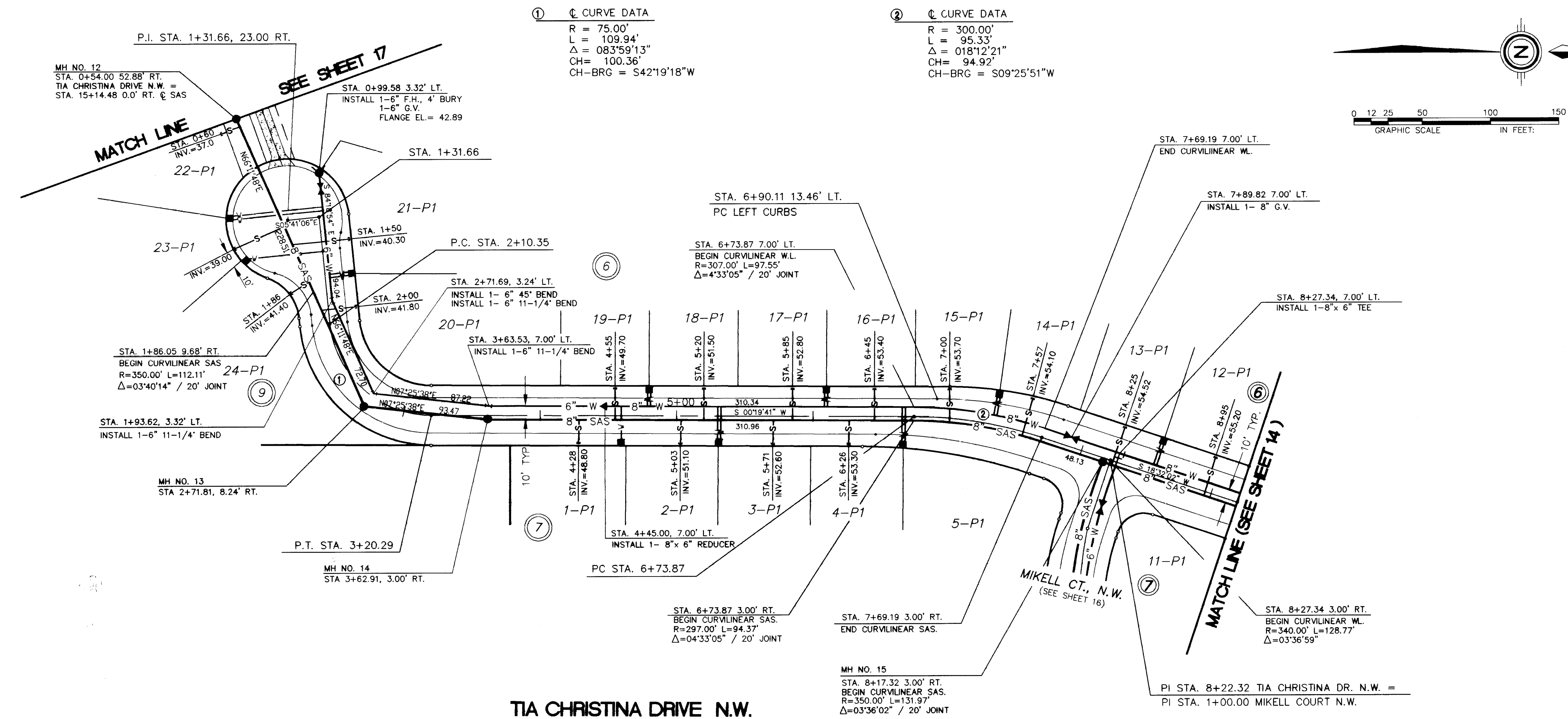
AS BUILT INFORMATION		
CONTRACTOR	J.R. HALE	
WORK BY	C.S.C.	
DATE	11/94	
APPROVED BY	COAN/MUI	
DATE	11/94	
FIELD LOCATION BY	C.S.C.	
DATE	11/94	
DRAWINGS	C.S.C.	
CORRECTED BY		
DATE		
RECORDED BY		
DATE		
NO.		

BENCH MARKS		
ACS MONUMENT 3-B12 LOCATED IN A		
LAVA ROCK ON THE ESCARPMENT NEAR		
RADIO IFF N.W., ELEVATION = 5277.26		

SURVEY INFORMATION		
FIELD NOTES	DATE	
NO. 1	9/94	
COMMUNITY SCIENCES		



REVISIONS		
NO.	DATE	REMARKS
1	11/94	DESIGN
2	11/94	
3	11/94	



UTILITY LEGEND		AS BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		FIELD NOTES		ENGINEER'S SEAL		REMARKS		DESIGN	
DESCRIPTION	PROPOSED	EXISTING	CONTRACTOR	DATE	AS MONUMENT	DATE	NO.	BY	DATE	NO.	BY	NO.	DATE	NO.	DATE
SANITARY SEWER LINE	—S—8"	—S—8"	C.S.C.	5/27/26	AS MONUMENT	5/27/26	1	COMMUNITY SCIENCES	8/94						
ENCASEMENT	—S—8"	—S—8"													
SANITARY SEWER MANHOLE	—S—8"	—S—8"													
SAS SERVICE CONNECTION	—S—8"	—S—8"													
STORM DRAIN LINE	—SD—30"	—SD—30"													
STORM DRAIN MANHOLE	—SD—30"	—SD—30"													
STORM DRAIN INLETS	—SD—30"	—SD—30"													
WATER LINE	—W—6"	—W—6"													
GATE VALVE	—W—6"	—W—6"													
BUTTERFLY VALVE	—W—6"	—W—6"													
FIRE HYDRANTS	—W—6"	—W—6"													
REDUCERS	—W—6"	—W—6"													
WATER SERVICE/ METER	—W—6"	—W—6"													
TEES	—W—6"	—W—6"													
CROSSES	—W—6"	—W—6"													
BENDS	—W—6"	—W—6"													
CAPS & PLUGS	—W—6"	—W—6"													
GAS LINES	N/A	—G—8"													
OVERHEAD ELECTRICAL LINE	N/A	—E—8"													
UNDERGROUND ELECTRICAL	N/A	—E—8"													
OVERHEAD TELEPHONE	N/A	—T—8"													
UNDERGROUND TELEPHONE	N/A	—T—8"													
CABLE TELEVISION	N/A	—C—8"													
POWER OR TELEPHONE POLE	N/A	—P—8"													

SCALE:
 HORIZ: 1" = 50'
 VERT: 1" = 10'

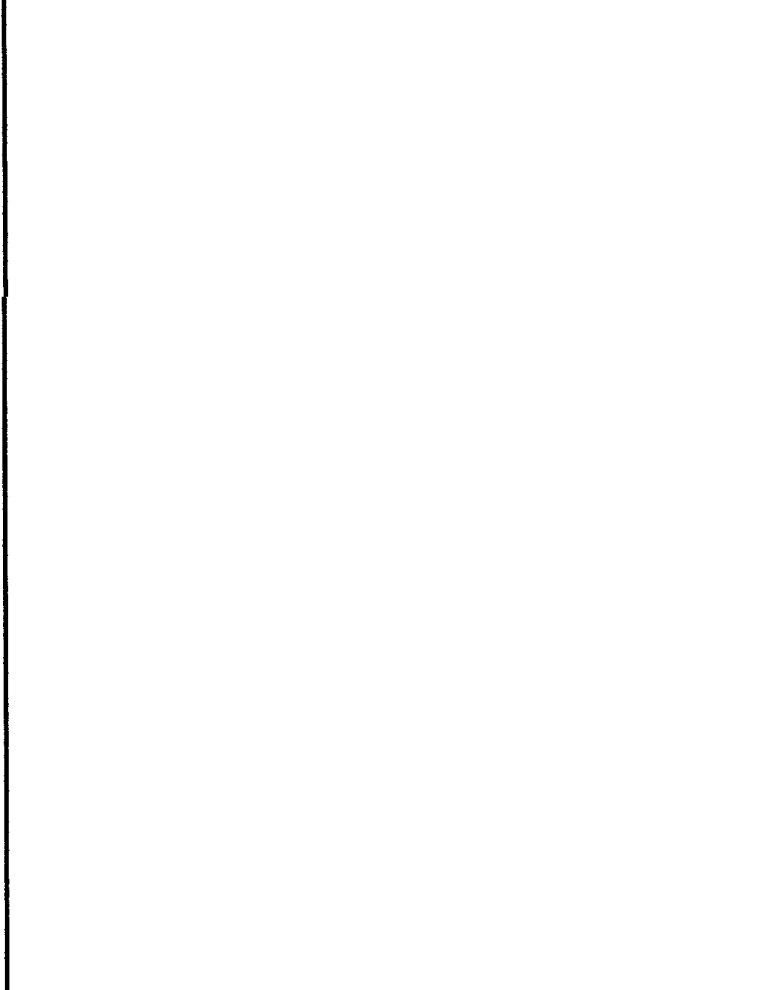
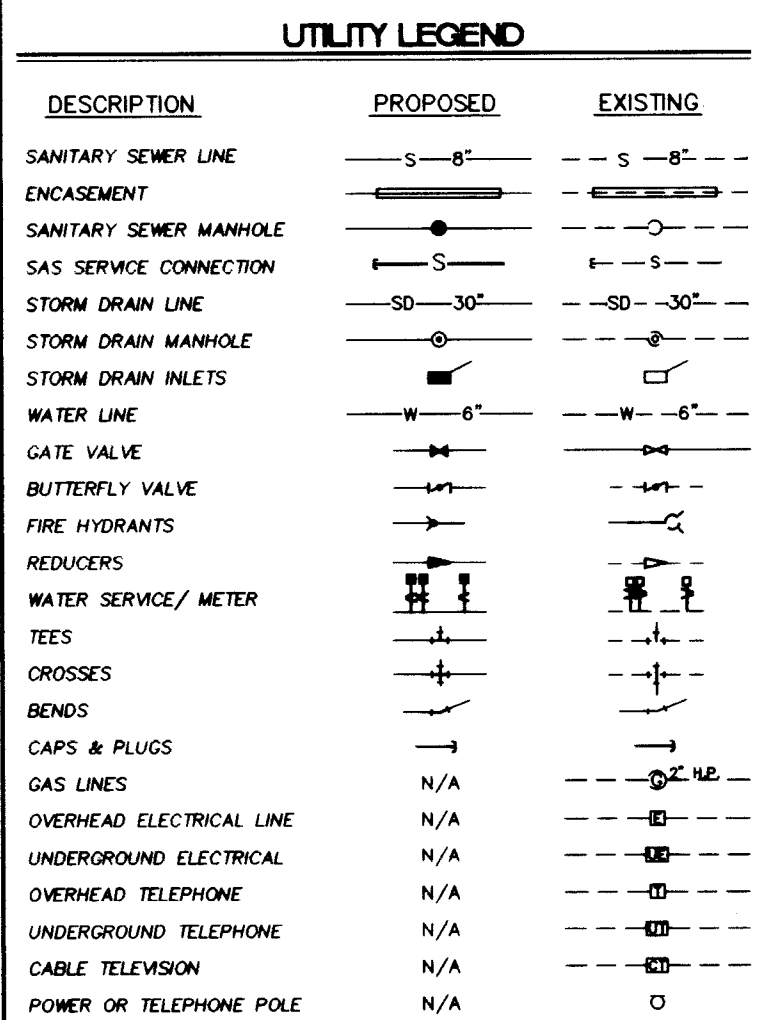
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 ENGINEERING Corrales, N.M. 87048
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CITY OF ALBUQUERQUE
 PUBLIC WORKS DEPARTMENT
 ENGINEERING GROUP

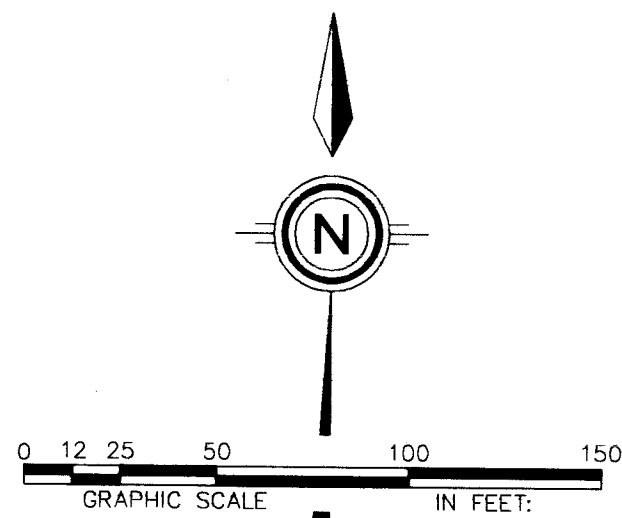
TITLE: LAS MARCADAS - UNIT 2
UTILITY PLAN & PROFILE
TIA CHRISTINA DRIVE N.W.

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN	R.W. Kane	2-21-95	WATER	R.W. Kane	1-12-95
TRANSPORTATION	N/A	1-12-95	WASTE WATER	R.W. Kane	1-12-95
HYDROLOGY	N/A	1-23-95	A.M.A.F.C.A.		
			N.M. UTILITIES		

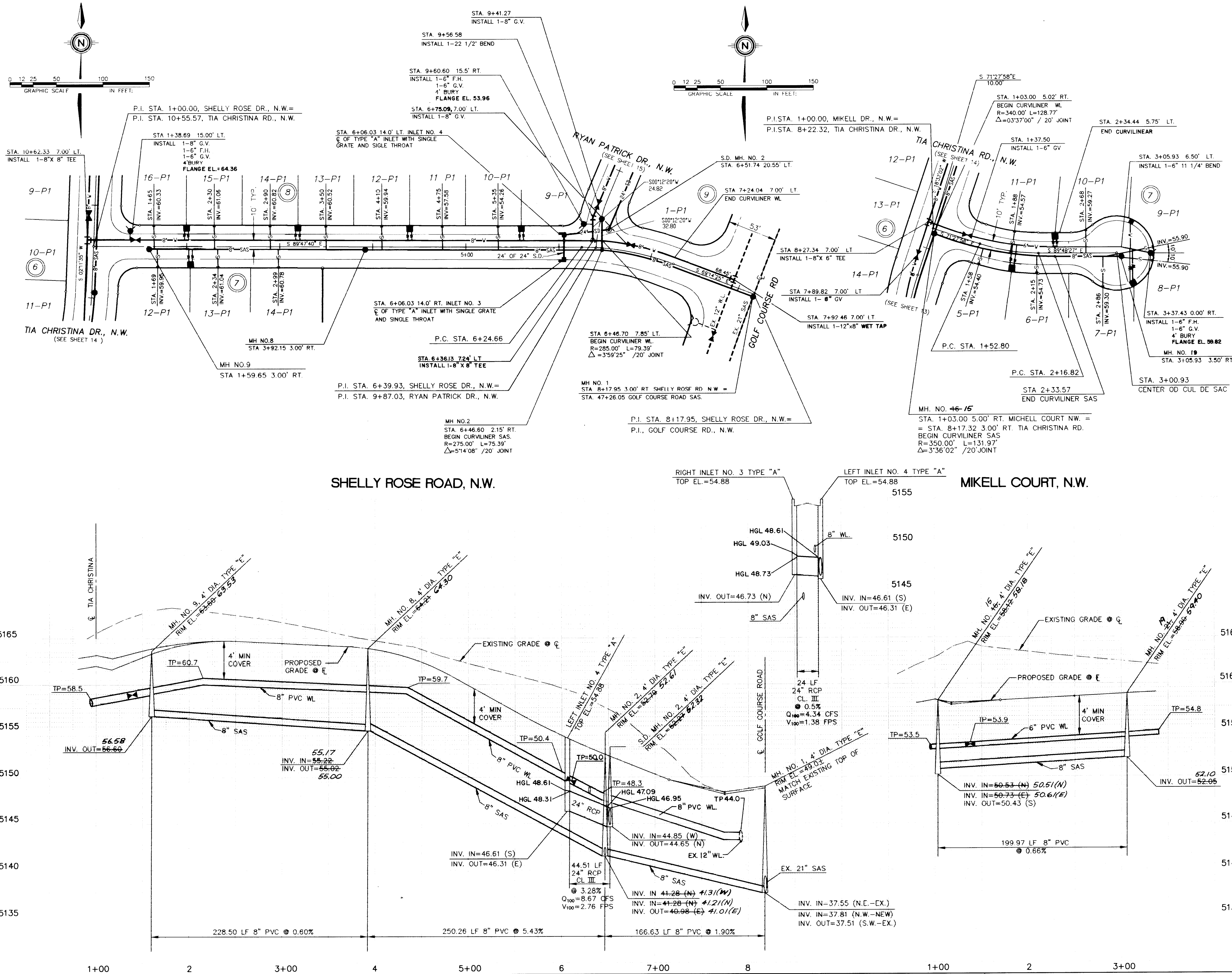
PROJECT NO. 4773.91
MAP NO. C-12
SHEET 15 OF 17

[illegible]

CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING GROUP					
TITLE: LAS MARCADAS II - UNIT 2 UTILITY PLAN & PROFILE TIA CHRISTINA DRIVE N.W.					
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN	<i>Sgt. [Signature]</i>	2-21-95	WATER	R.W. Kane	1-12-95
TRANSPORTATION	NIA RHO	1-12-95	WASTE WATER	R.W. Kane	1-12-95
HYDROLOGY	<i>3/2</i>	1-23-95	A.M.A.F.C.A.		
			N.M. UTILITIES	<i>[Signature]</i>	1-2-95
PROJECT NO.	4773.91		MAP NO.	C-12	
			SHEET	14 OF 17	



SCANNED BY
BY LASON



UTILITY LEGEND

DESCRIPTION	PROPOSED	EXISTING
SANITARY SEWER LINE	— S — 8" —	— S — 8" —
ENCASEMENT	— S — 8" —	— S — 8" —
SANITARY SEWER MANHOLE	— S — 8" —	— S — 8" —
SAS SERVICE CONNECTION	— S — 8" —	— S — 8" —
STORM DRAIN LINE	— SD — 30" —	— SD — 30" —
STORM DRAIN MANHOLE	— SD — 30" —	— SD — 30" —
STORM DRAIN INLETS	— SD — 30" —	— SD — 30" —
WATER LINE	— W — 6" —	— W — 6" —
GATE VALVE	— W — 6" —	— W — 6" —
BUTTERFLY VALVE	— W — 6" —	— W — 6" —
FIRE HYDRANTS	— W — 6" —	— W — 6" —
REDUCERS	— W — 6" —	— W — 6" —
WATER SERVICE/ METER	— W — 6" —	— W — 6" —
TEES	— W — 6" —	— W — 6" —
CROSSES	— W — 6" —	— W — 6" —
BENDS	— W — 6" —	— W — 6" —
CAPS & PLUGS	— W — 6" —	— W — 6" —
GAS LINES	N/A	— G — 8" —
OVERHEAD ELECTRICAL LINE	N/A	— O — 8" —
UNDERGROUND ELECTRICAL	N/A	— U — 8" —
OVERHEAD TELEPHONE	N/A	— O — 8" —
UNDERGROUND TELEPHONE	N/A	— U — 8" —
CABLE TELEVISION	N/A	— C — 8" —
POWER OR TELEPHONE POLE	N/A	— P — 8" —

INLET CAPACITY CALCULATION TABLE

INLET PAR	I_g (ft)	Q_{100} (cfs)	Q_W (cfs)	Q (cfs)
3x4	0.288'	8.67	7.0	1.67

AS BUILT INFORMATION

CONTRACTOR: J.R. HALE
 DATE: 11/94
 CHECKED BY: C.S.C.
 REVISIONS: 1-3-95

ENGINEER'S SEAL

1-3-95
 10714
 REGISTERED PROFESSIONAL ENGINEER

FIELD NOTES

NO. 1
 BY: COMMUNITY SCIENCES
 DATE: 11/94

REVISIONS

NO.	DATE	REVISIONS
1	12/94	DESIGN
2	12/94	DESIGN
3	12/94	DESIGN

PROJECT INFORMATION

PROJECT NO. 4773.91
 MAP NO. C-15
 SHEET 16 OF 17

CITY OF ALBUQUERQUE

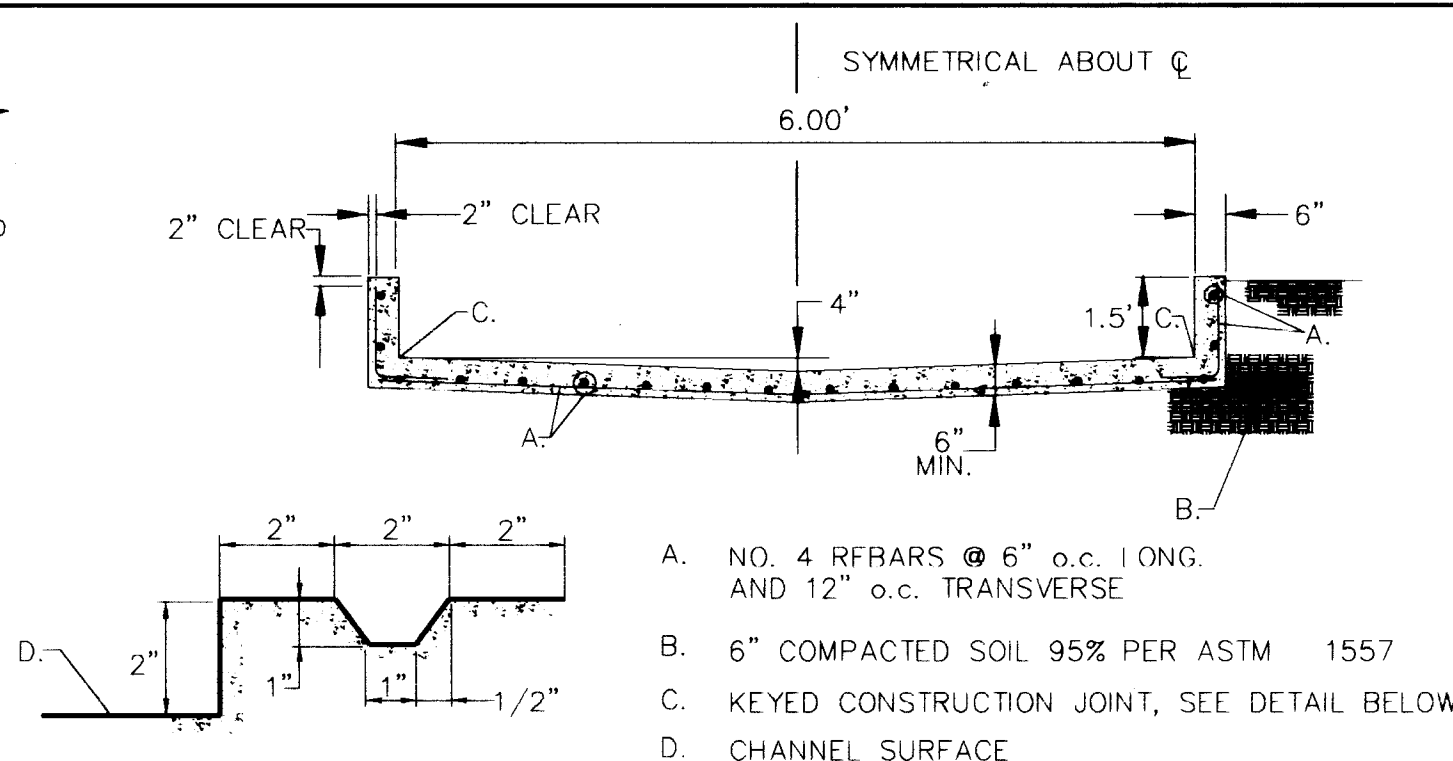
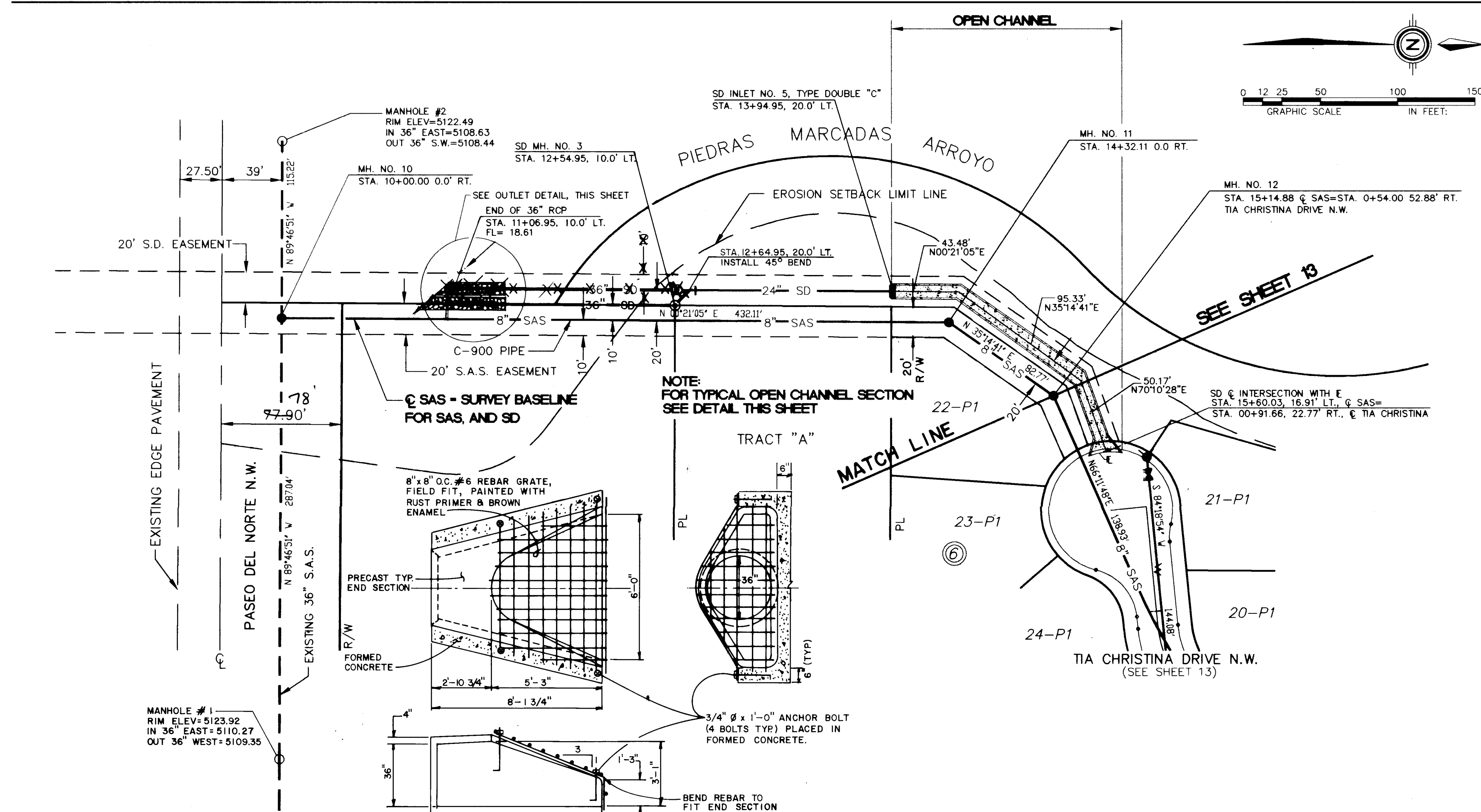
PUBLIC WORKS DEPARTMENT
 ENGINEERING GROUP

TITLE: LAS MARCADAS - UNIT 2

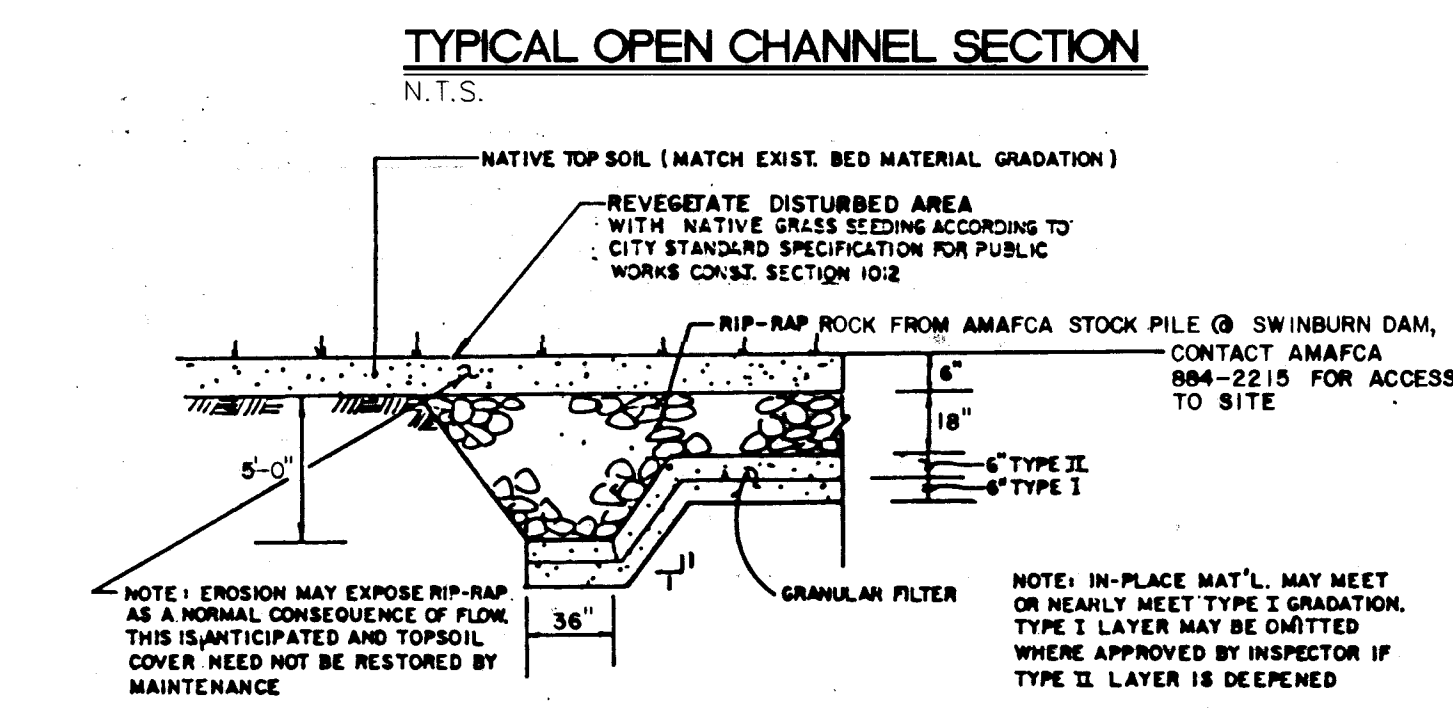
UTILITY PLAN & PROFILE
 SHELLY ROSE RD., N.W./MIKELL CT., N.W.

APPROVALS

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRG CHAIRMAN	D.W. Kane	1-12-95	WATER	D.W. Kane	1-12-95
TRANSPORTATION	D.W. Kane	1-12-95	WASTE WATER	D.W. Kane	1-12-95
HYDROLOGY	A.M.A.F.C.A.	1-23-95	N.M. UTILITIES	A.M.A.F.C.A.	1-23-95



KEYED CONSTRUCTION JOINT DETAIL
N.T.S.



TYPICAL RIP-RAP STORM SEWER OUTFALL
NOT TO SCALE (SEE SHEET 13 FOR LOCATION)

U.S. Standard Sieve Size	Percent Passing	Square Mesh Sieves
3"	100	90 - 100
1-1/2"	100	20 - 80
3/4"	100	10 - 20
3/8"	100	5 - 10
1/4"	100	2 - 5
1/8"	100	1 - 2
1/16"	100	0 - 1
1/32"	100	0 - 1

UTILITY LEGEND

DESCRIPTION	PROPOSED	EXISTING
SANITARY SEWER LINE		
SANITARY SEWER MANHOLE		
SAS SERVICE CONNECTION		
STORM DRAIN LINE		
STORM DRAIN MANHOLE		
STORM DRAIN INLETS		
WATER LINE		
GATE VALVE		
BUTTERFLY VALVE		
FIRE HYDRANTS		
REDUCERS		
WATER SERVICE/ METER		
TEES		
CROSSES		
BENDS		
CAPS & PLUGS		
GAS LINES		
OVERHEAD ELECTRICAL LINE		
UNDERGROUND ELECTRICAL		
OVERHEAD TELEPHONE		
UNDERGROUND TELEPHONE		
CABLE TELEVISION		
POWER OR TELEPHONE POLE		

INLET CAPACITY CALCULATION TABLE

$Q_{100} = 28.09$ (cfs)
 $WEIR EQ. = Q = C_w \times L \times h^{3/2}$
 $C = 2.65$ CLOGGING FACTOR = 0.60

INLET NO.	Q_{100}	L_w	h	A_o	Q_w
5	28.09	10.83	1.67	9.12	43.67

GRATE DETAIL AT END SECTION
N.T.S.

145.00 L.F. 36" RCP CL III
 $Q_{100} = 28.09$ cfs
 $V_{100} = 3.97$ fps

140.16 L.F. 24" RCP CL III
 $Q_{100} = 28.09$ cfs
 $V_{100} = 8.94$ fps

189.00 L.F. OF OPEN CHANNEL
 PER C.O.A. STD. DWG. NO. 2260
 $Q_{100} = 28.09$ cfs
 $V_{100} = 9.46$ fps

VIEW B-B
N.T.S.

PLAN VIEW
N.T.S.

SECTION C-C
N.T.S.

SECTION A-A
N.T.S.

SECTION D-D
N.T.S.

ENGINEER'S SEAL

1-3-95

RECORD DRAWING AS-BUILT

26-4223-91-1222

community sciences corporation

LAND PLANNING P.O. Box 1328
 ENGINEERING Carrols, N.M. 87048
 SURVEYING

CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING GROUP

TITLE: LAS MARCADAS - UNIT 2, UTILITY PLAN & PROFILE OFFSITE SANITARY SEWER AND STORM DRAIN OUTFALL

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN	B. G. Kelly	2-21-95	WATER	P. W. Kane	1-2-95
TRANSPORTATION	B. G. Kelly	1-2-95	WASTE WATER	P. W. Kane	1-2-95
HYDROLOGY	B. G. Kelly	1-23-95	A.M.A.F.C.A.	B. G. Kelly	1-23-95
PARKS/GEN.SER.	B. G. Kelly	1-23-95	N.M. UTILITIES	B. G. Kelly	1-23-95

PROJECT NO. 4773.91

MAP NO. C-12

SHEET 17 OF 17

