RECORD DRAWING

PARKWEST SUBDIVISION- UNIT 2

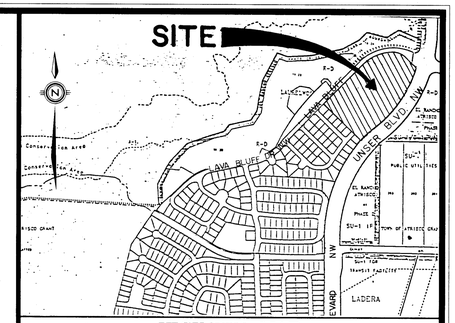
CITY OF ALBUQUERQUE, BERNALILLO COUNTY, NEW MEXICO

IMPROVEMENTS FOR

GRADING, PAVING AND UTILITIES

INDEX TO DRAWINGS

SHEET NO.	DESCRIPTION
1	COVER SHEET, VICINITY MAP AND INDEX TO DRAWINGS
2-3	PLATS OF GEOMETRY
4	GRADING AND EROSION CONTROL PLAN
5	GRADING DETAILS AND SECTIONS
	PAVING PLAN & PROFILES
6	COMPOSITE PAVING PLAN
7	LAVA BLUFF DRIVE N.W.
8	MONUMENT DRIVE & BASALT DRIVE N.W.
9	MONUMENT DRIVE N.W.
10	DARK MESA AVENUE & LAVA REACH AVENUE N.W.
	UTILITY PLAN & PROFILES
11	COMPOSITE UTILITY PLAN
12	LAVA BLUFF DRIVE N.W.
13	MONUMENT DRIVE & BASALT DRIVE N.W.
14	MONUMENT DRIVE N.W.
15	DARK MESA AVENUE & LAVA REACH AVENUE N.W.



SCALE: 1"= 750 ± **VICINITY MAP** G-9, H-9-Z

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. 6 .
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 ENSURE 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) FIVE (5) 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. ANY WORK AFFECTING AN ARTERIAL ROADWAY REQUIRES TWENTY-FOUR HOUR CONSTRUCTION.
12. ALL HANDICAP RAMPS WILL MEET ADA STANDARDS.

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.

SURVEYOR'S CERTIFICATION:

"I, Robert C. Miller, 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 that I am not responsible for any of the design concepts, calculations, engineering, or intent of the record drawings."

Robert C. Miller — 10/14/96

Robert C. Miller, N.M.R.P.S. #3794 — Date

APPROVAL OF AS BUILT DRAWINGS
CHIEF CONSTRUCTION ENGINEER
Russell B. Fisher
DATE 2-10-97

SCANNED BY
BY LASON

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
26-4886.96 01997

REV.	SHEETS	CITY ENGINEER	DATE	USER DEPARTMENT	DATE	USER DEPARTMENT	DATE
1							

ENGINEER'S SEAL — 12-27-95

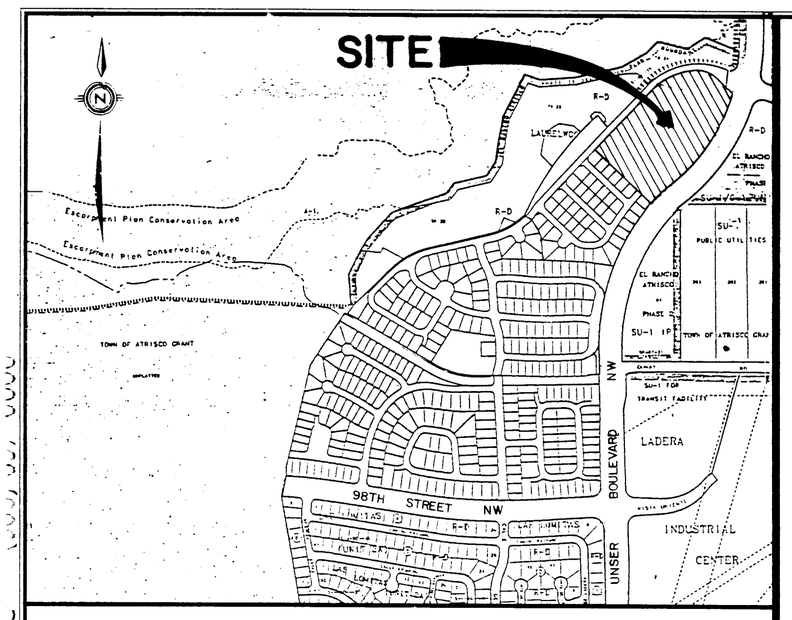
DATE: MAY 1995
SCALE: AS SHOWN
DESIGNED: S.R.L.
DRAWN: A.M.
JOB NO: 14323-PRE

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

APPROVED FOR CONSTRUCTION
CITY ENGINEER — DATE 7/23/96

PROJECT NO. 4886.96

SHEET 1 OF 15



SCALE: 1"= 750'± **VICINITY MAP** ZONE ATLAS G-9/H-9

FREE CONSENT AND DEDICATION:

THE SUBDIVISION SHOWN HEREON IS WITH THE FREE CONSENT AND IN ACCORDANCE WITH THE DESIRES OF THE UNDERSIGNED OWNER(S) AND/OR PROPRIETOR(S) THEREOF AND SAID OWNER(S) AND/OR PROPRIETOR(S) DO HEREBY DEDICATE ALL STREETS AND PUBLIC RIGHTS-OF-WAY 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, AND THE RIGHT TO TRIM INTERFERING TREES AND SHRUBS (SEE NOTE 8). 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.

SIVAGE THOMAS HOMES, INC.
A NEW MEXICO CORPORATION

BY: George F. Phillipson
GEORGE F. PHILLIPSON, VICE PRESIDENT

STATE OF NEW MEXICO }
COUNTY OF BERNALILLO } SS

THIS INSTRUMENT WAS ACKNOWLEDGED BEFORE ME ON December 28, 1995
BY GEORGE F. PHILLIPSON, VICE PRESIDENT, ON BEHALF OF SAID CORPORATION.

BY: Gloria R. Lovato
NOTARY PUBLIC

MY COMMISSION EXPIRES:

OFFICIAL SEAL
GLORIA R. LOVATO
NOTARY PUBLIC
STATE OF NEW MEXICO
My Commission Expires 2-9-99

DRB CASE NO 93-303
SHEET 2 OF 15
PROJ. NO. 4886.9

2648869 96 0297

TREASURER'S CERTIFICATION

THIS IS TO CERTIFY THAT TAXES ARE CURRENT AND PAID ON UPC #'s:

TRACT A-2, PARKWEST UNIT 5, UPC #_____

PROPERTY OWNER OF RECORD: SIVAGE THOMAS HOMES, INC.

BERNALILLO COUNTY TREASURER'S OFFICE:

BY:_____ DATE:_____

LEGAL DESCRIPTION

THAT CERTAIN PARCEL OF LAND SITUATE WITHIN THE TOWN OF ATRISCO GRANT ("PROJECTED" SECTIONS 4 AND 9, TOWNSHIP 10 NORTH, RANGE 2 EAST, NEW MEXICO PRINCIPAL MERIDIAN), CITY OF ALBUQUERQUE, BERNALILLO COUNTY, NEW MEXICO AND BEING COMPRISED OF TRACT A-2, PARKWEST UNIT 5 SUBDIVISION AS THE SAME IS SHOWN AND DESIGNATED ON THE PLAT OF RECORD FILED IN THE OFFICE OF THE COUNTY CLERK OF BERNALILLO COUNTY, NEW MEXICO ON 11-30-96 ,1995 IN VOLUME 95 C, FOLIO 429, AND BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

BEGINNING FOR A TIE AT THE CITY OF ALBUQUERQUE CONTROL STATION (ACS) CAP STAMPED "I40-19" (HAVING NEW MEXICO STATE PLANE COORDINATES OF X=357,584.56 AND Y=1,490,412.52); **THENCE** N07°45'11"W, 7,323.16 FEET TO A POINT ON THE WESTERLY RIGHT-OF-WAY LINE OF UNSER BOULEVARD N.W. (156" R/W), THE NORTHEAST CORNER OF LOT 16-P1, BLOCK 16 OF PARKWEST UNIT 4 (FILED _____, 1995 IN VOLUME ____, FOLIO ____), AND THE SOUTHWEST AND **TRUE POINT OF BEGINNING** OF THE PARCEL HEREIN DESCRIBED; **THENCE** DEPARTING SAID UNSER BOULEVARD RIGHT-OF-WAY LINE N46°26'15"W, 92.24 FEET TO A POINT ON THE EASTERLY RIGHT-OF-WAY LINE OF MONUMENT DRIVE N.W. (46" R/W); **THENCE** N50°07'59"W, 46.00 FEET TO A POINT ON THE WESTERLY RIGHT-OF-WAY LINE OF MONUMENT DRIVE N.W.; **THENCE** DEPARTING SAID WESTERLY RIGHT-OF-WAY LINE N46°28'12"W, 402.49 FEET TO A POINT ON THE EASTERLY RIGHT-OF-WAY LINE OF LAVA BLUFF DRIVE N.W. (44' R/W) AND THE SOUTHWEST CORNER OF THE PARCEL HEREIN DESCRIBED; **THENCE** ALONG SAID RIGHT-OF-WAY N43°31'48"E, 578.93 FEET TO A POINT OF CURVATURE (PC); **THENCE** NORTHEASTERLY 172.73 FEET ALONG THE ARC OF A CURVE BEARING TO THE RIGHT (SAID ARC HAVING A RADIUS OF 443.33 FEET, A CENTRAL ANGLE OF 022°19'24", AND A CHORD THAT BEARS N54°41'30"E, 171.64 FEET) TO A POINT OF COMPOUND CURVATURE (PCC); **THENCE** NORTHEASTERLY 175.68 FEET ALONG THE ARC OF A CURVE BEARING TO THE RIGHT (SAID ARC HAVING A RADIUS OF 377.00 FEET, A CENTRAL ANGLE OF 026°42'00", AND A CHORD THAT BEARS N79°12'12"E, 174.10 FEET) TO A POINT OF COMPOUND CURVATURE (PCC); **THENCE** SOUTHEASTERLY 170.74 FEET ALONG THE ARC OF A CURVE BEARING TO THE RIGHT (SAID ARC HAVING A RADIUS OF 220.31 FEET, A CENTRAL ANGLE OF 044°24'19", AND A CHORD THAT BEARS S65°14'39"E, 166.50 FEET) TO A POINT OF TANGENCY (PT); **THENCE** S43°02'29"E, 52.17 FEET TO A POINT; **THENCE** SOUTHEASTERLY 109.18 FEET ALONG THE ARC OF A CURVE BEARING TO THE RIGHT (SAID ARC HAVING A RADIUS OF 70.15 FEET, A CENTRAL ANGLE OF 089°10'44", AND A CHORD THAT BEARS S26°10'05"E, 98.49 FEET) TO A POINT ON THE WESTERLY RIGHT-OF-WAY LINE OF UNSER BOULEVARD N.W.; **THENCE** ALONG SAID RIGHT-OF-WAY SOUTHWESTERLY 741.87 FEET ALONG THE ARC OF A CURVE BEARING TO THE RIGHT (SAID ARC HAVING A RADIUS OF 1,322.07 FEET, A CENTRAL ANGLE OF 032°09'04", AND A CHORD THAT BEARS S34°29'49"W, 732.17 FEET) TO A POINT OF REVERSE CURVATURE (PRC); **THENCE** SOUTHWESTERLY 179.52 FEET ALONG THE ARC OF A CURVE BEARING TO THE LEFT (SAID ARC HAVING A RADIUS OF 1,477.55 FEET, A CENTRAL ANGLE OF 006°57'40", AND A CHORD THAT BEARS S47°05'31"W, 179.41 FEET) TO A POINT BEING THE NORTHEAST CORNER OF LOT 16-P1, BLOCK 16 OF PARKWEST UNIT 4, AND THE SOUTHEAST CORNER AND **TRUE POINT OF BEGINNING** OF THE PARCEL HEREIN DESCRIBED.

THE ABOVE DESCRIBED ENCLOSURE CONTAINS 10.9054 ACRES MORE OR LESS.

In approving this plat, PNM Electric Services and Gas Services (PNM) did not conduct a Title Search of the properties shown hereon. Consequently, PNM does not waive nor release any easement or easement rights which may have been granted by prior plat, replat, or other document which are not shown on this plat.

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 WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION; SHOWS ACCURATE DIMENSIONS, AND LAND AREAS; SHOWS ALL EASEMENTS AND RESTRICTIONS AS SHOWN ON THE PLAT OF RECORD OR MADE KNOWN TO ME BY THE OWNERS AND/OR PROPRIETORS OF THE SUBDIVISION SHOWN HEREON, TITLE COMPANIES, UTILITY COMPANIES OR OTHER PARTIES EXPRESSING AN INTEREST. I FURTHER CERTIFY THAT THIS PLAT MEETS THE MINIMUM REQUIREMENTS FOR MONUMENTATION AND SURVEYS OF THE ALBUQUERQUE SUBDIVISION ORDINANCE, MEETS THE "MINIMUM STANDARDS FOR LAND SURVEYS" SET FORTH BY THE STATE OF NEW MEXICO AND IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

C. A. SPIROCK, N.M.R.P.S. #4972 — 1/5/96 DATE

REGISTERED LAND SURVEYOR
STATE OF NEW MEXICO
No. 4972
C. A. SPIROCK

REPLAT
FOR
PARKWEST UNIT 2

COMPRISED OF
TRACT A-2 OF PARKWEST UNIT 5
SITUATE WITHIN
TOWN OF ATRISCO GRANT
"PROJECTED" SECTIONS 4 & 9 , T10N, R2E, N.M.P.M.
CITY OF ALBUQUERQUE, BERNALILLO COUNTY, NEW MEXICO
APRIL, 1995

SUBDIVISION DATA:

CASE NO.	DRB-93-303,SV-94-6
GROSS SUBDIVISION ACREAGE	10.9054 AC
ZONE ATLAS INDEX NO.	G-9/H-9
NO. OF EXISTING TRACTS	1
NO. OF LOTS CREATED	54
MILES OF FULL-WIDTH STREETS CREATED	0.5 MILES
DATE OF SURVEY	JANUARY 1994
S.P. TALOS LOG NO.	SP 95-04-10-1335-0425

APPROVALS:

SUBDIVISION CASE NUMBER: _____

CITY PLANNER/ALBUQUERQUE, BERNALILLO CO. PLANNING DIVISION	DATE
PARKS AND GENERAL SERVICE DEPARTMENT	DATE
TRAFFIC ENGINEER, TRANSPORTATION DEPARTMENT	DATE
CITY ENGINEER, ENGINEERING DIVISION	DATE
ALBUQUERQUE METROPOLITAN ARROYO FLOOD CONTROL AUTHORITY	DATE
UTILITY DEVELOPMENT	DATE
	010896
CITY SURVEYOR, ENGINEERING DIVISION	DATE
	1-9-96
PROPERTY MANAGEMENT	DATE
	1-9-96
GAS COMPANY OF NEW MEXICO	DATE
Norma G Carrillo	1-9-96
US WEST COMMUNICATIONS, INC.	DATE
	1-9-96
PUBLIC SERVICE COMPANY OF NEW MEXICO	DATE

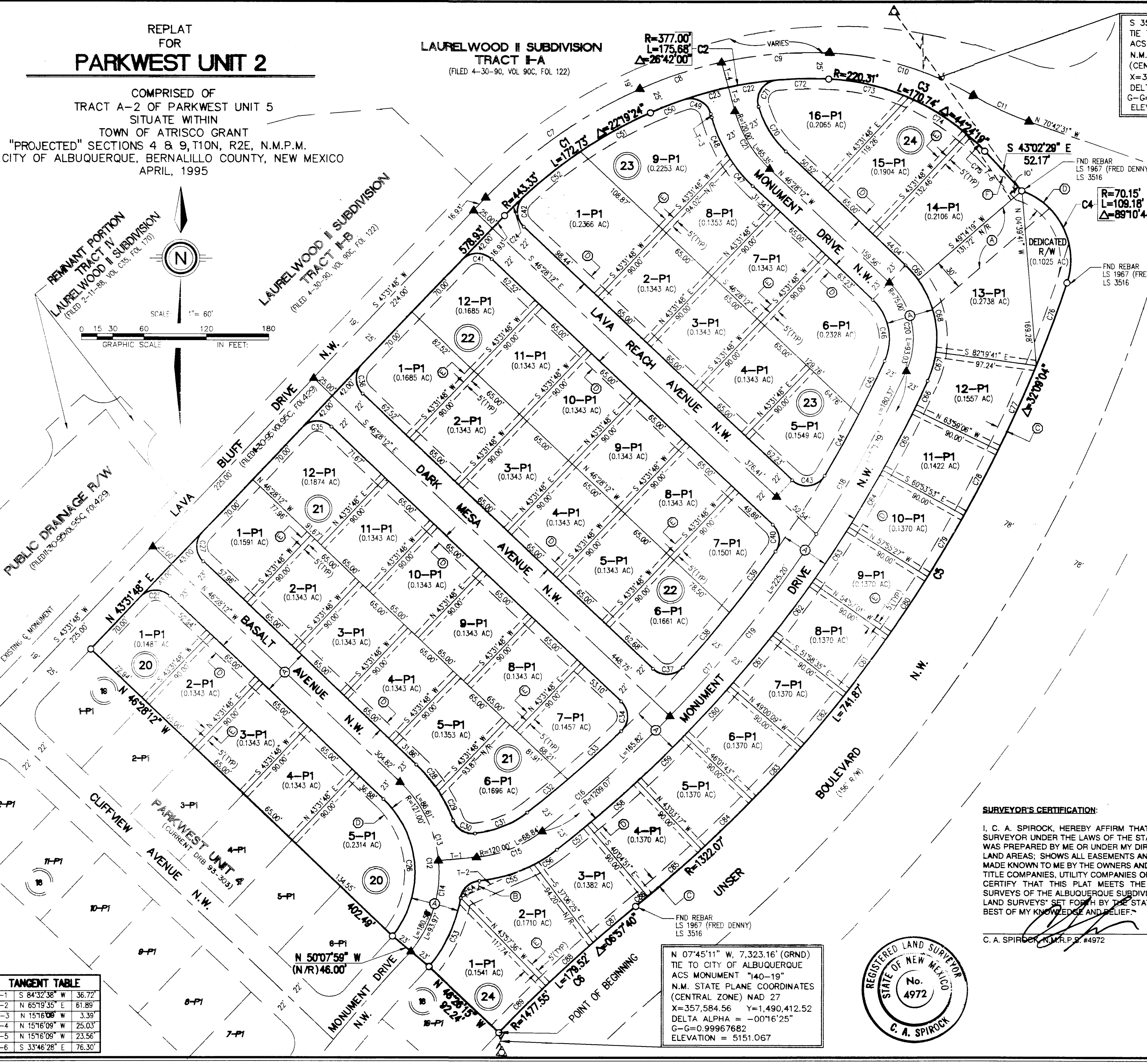
SHEET 1 OF 3

DATE: APRIL, 1995	community sciences corporation
SCALE: N/A	
DESIGNED: S.P.S.	
DRAWN: D.E.R.	
JOB NO.: 143-23-025	LAND PLANNING ENGINEERING SURVEYING P.O. Box 1328 Corrales, N.M. 87048

REPLAT
FOR

PARKWEST UNIT 2

COMPRISED OF
TRACT A-2 OF PARKWEST UNIT 5
SITUATE WITHIN
TOWN OF ATRISCO GRANT
"PROJECTED" SECTIONS 4 & 9, T10N, R2E, N.M.P.M.
CITY OF ALBUQUERQUE, BERNALILLO COUNTY, NEW MEXICO
APRIL, 1995



S 35°37'11" E, 719.17'(GRND)
TIE TO CITY OF ALBUQUERQUE
ACS MONUMENT "2-G9"
N.M. STATE PLANE COORDINATES
(CENTRAL ZONE) NAD 27
X=356,680.72 Y=1,499,064.48
DELTA ALPHA = -00°16'33"
G-G=0.9996684
ELEVATION = 5334.50

NOTE:
SEE SHEET 3 FOR NOTES CURVE DATA

N 07°45'11" W, 7,323.16' (GRND)
TIE TO CITY OF ALBUQUERQUE
ACS MONUMENT "140-19"
N.M. STATE PLANE COORDINATES
(CENTRAL ZONE) NAD 27
X=357,584.56 Y=1,490,412.52
DELTA ALPHA = -00°16'25"
G-G=0.99967682
ELEVATION = 5151.067

LEGEND

○	FND #5 REBAR W/ CAP STAMPED "4972"
— — —	PRIVATE DRAINAGE EASEMENT (P.D.E.)
— —	PUBLIC UTILITY EASEMENT (P.U.E.)
AC	ACRES
△	EXISTING CENTERLINE MONUMENT
▲	CENTERLINE MONUMENT TO BE SET

KEYED NOTES

Ⓐ EXISTING PUBLIC SANITARY SEWER & DRAINAGE EASEMENT (FILED 11-30-95, VOL 95C, FOL 429)

Ⓑ EXISTING DRAINAGE EASEMENT (FILED 11-30-95, VOL 95C, FOL 429)

Ⓒ EXISTING 10' PNM & MT. BELL EASEMENT (FILED 3-16-87, VOL C33, FOL 34)

Ⓓ 10' PUBLIC UTILITY EASEMENT GRANTED WITH THIS PLAT

Ⓔ 10' PRIVATE DRAINAGE EASEMENT GRANTED WITH THIS PLAT

Ⓕ EXISTING PUBLIC DRAINAGE EASEMENT (FILED 11-30-95 VOL 95C, FOL 429)

TANGENT TABLE		
T-1	S 84°32'38" W	36.72'
T-2	N 65°19'35" E	61.89'
T-3	N 15°16'09" W	3.39'
T-4	N 15°16'09" W	25.03'
T-5	N 15°16'09" W	23.56'
T-6	S 33°46'28" E	76.30'

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 WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION; SHOWS ACCURATE DIMENSIONS, AND LAND AREAS; SHOWS ALL EASEMENTS AND RESTRICTIONS AS SHOWN ON THE PLAT OF RECORD OR MADE KNOWN TO ME BY THE OWNERS AND/OR PROPRIETORS OF THE SUBDIVISION SHOWN HEREON, TITLE COMPANIES, UTILITY COMPANIES OR OTHER PARTIES EXPRESSING AN INTEREST. I FURTHER CERTIFY THAT THIS PLAT MEETS THE MINIMUM REQUIREMENTS FOR MONUMENTATION AND SURVEYS OF THE ALBUQUERQUE SUBDIVISION ORDINANCE, MEETS THE "MINIMUM STANDARDS FOR LAND SURVEYS" SET FORTH BY THE STATE OF NEW MEXICO AND IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

C. A. SPIROCK, N.M.R.P.S. #4972 — 1/5/96 DATE

REGISTERED LAND SURVEYOR STATE OF NEW MEXICO No. 4972 C. A. SPIROCK

SHEET 2 OF 3

DATE: APRIL, 1995
SCALE: 1"= 60'
DESIGNED: S.P.S.
DRAWN: D.E.R.
JOB NO.: 143-23-025

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

CURVE DATA							
CURVE	IDEN	RADIUS	ARC	DELTA	TANGENT	CHORD	CHORD BRG
CURVE	C1	443.33	172.73	022-19-24	87.47	171.64	N54-41-30E
CURVE	C2	377.00	175.68	026-42-00	89.47	174.10	N79-12-12E
CURVE	C3	220.31	170.74	044-24-19	89.92	166.50	S65-14-39E
CURVE	C4	70.15	109.18	089-10-44	69.15	98.49	S26-10-05E
CURVE	C5	1322.07	741.87	032-09-04	380.98	732.17	S34-29-49W
CURVE	C6	1477.55	179.52	006-57-40	89.87	179.41	S47-05-31W
CURVE	C7	468.33	182.47	022-19-24	92.41	181.32	N54-41-30E
CURVE	C8	402.00	82.67	011-46-57	41.48	82.52	N71-44-40E
CURVE	C9	402.00	104.66	014-55-03	52.63	104.37	N85-05-40E
CURVE	C10	300.00	146.55	027-59-20	74.77	145.10	S73-27-08E
CURVE	C11	300.00	58.91	011-15-03	29.55	58.81	N65-04-59W
CURVE	C12	121.00	180.59	085-30-41	111.87	164.29	S03-42-51E
CURVE	C13	121.00	86.61	041-00-50	45.26	84.78	S25-57-47E
CURVE	C14	121.00	93.97	044-29-51	49.50	91.63	S16-47-34W
CURVE	C15	120.00	68.84	032-52-11	35.40	67.90	S68-06-32W
CURVE	C16	1209.07	165.82	007-51-28	83.04	165.69	S47-44-43W
CURVE	C17	1209.07	225.20	010-40-18	112.93	224.87	S38-28-49W
CURVE	C18	1209.07	180.37	008-32-50	90.35	180.20	S28-52-15W
CURVE	C19	1209.07	571.39	027-04-37	291.13	566.08	S38-08-08W
CURVE	C20	75.00	93.03	071-04-01	53.56	87.18	S10-56-11E
CURVE	C21	120.00	65.35	031-12-03	33.51	64.54	N30-52-10W
CURVE	C22	377.00	46.91	007-07-48	23.49	46.88	N81-23-37E
CURVE	C23	377.00	44.29	006-43-54	22.17	44.27	N74-27-46E
CURVE	C24	443.33	26.27	003-23-44	13.14	26.27	N45-13-40E
CURVE	C25	20.00	31.42	090-00-00	20.00	28.28	N88-31-48E
CURVE	C26	98.00	145.93	085-19-03	90.30	132.82	S03-48-40E
CURVE	C27	20.00	31.42	090-00-00	20.00	28.28	N01-28-12W
CURVE	C28	144.00	33.44	013-18-20	16.80	33.37	S39-49-01E
CURVE	C29	144.00	31.43	012-30-26	15.78	31.37	S26-54-39E
CURVE	C30	20.00	26.25	075-12-01	15.40	24.41	N58-15-26W
CURVE	C31	97.00	54.97	032-28-06	28.24	54.24	S67-54-30W
CURVE	C32	1186.07	50.35	002-25-57	25.18	50.35	S50-27-28W
CURVE	C33	1186.07	69.36	003-21-02	34.69	69.35	S47-33-59W
CURVE	C34	20.00	32.24	092-21-40	20.84	28.86	S00-17-22E
CURVE	C35	20.00	31.42	090-00-00	20.00	28.28	N88-31-48E
CURVE	C36	20.00	31.42	090-00-00	20.00	28.28	N01-28-12W
CURVE	C37	20.00	32.03	091-46-02	20.63	28.72	S87-38-47W
CURVE	C38	1186.07	69.52	003-21-30	34.77	69.51	S40-05-01W
CURVE	C39	1186.07	73.56	003-33-13	36.79	73.55	S36-37-40W
CURVE	C40	20.00	28.39	081-19-15	17.18	26.06	S05-48-34E
CURVE	C41	20.00	31.42	090-00-00	20.00	28.28	N88-31-48E
CURVE	C42	20.00	32.60	093-23-44	21.22	29.11	N00-13-40E
CURVE	C43	20.00	35.91	102-52-54	25.09	31.28	S82-05-21W
CURVE	C44	1186.07	67.71	003-16-16	33.87	67.70	S29-00-47W
CURVE	C45	1186.07	57.55	002-46-49	28.78	57.55	S25-59-14W
CURVE	C46	52.00	64.50	071-04-01	37.14	60.44	S10-56-11E
CURVE	C47	143.00	33.98	013-36-55	17.07	33.90	N39-39-44W
CURVE	C48	143.00	43.89	017-35-08	22.12	43.72	N24-03-43W
CURVE	C49	20.00	32.68	093-38-02	21.31	29.17	S62-05-10E
CURVE	C50	377.00	34.50	005-14-37	17.26	34.49	N68-28-31E
CURVE	C51	443.33	76.91	009-56-23	38.55	76.81	N60-53-00E
CURVE	C52	443.33	69.54	008-59-16	34.84	69.47	N51-25-10E
CURVE	C53	144.00	73.96	029-25-46	37.82	73.15	S24-27-31W
CURVE	C54	20.00	26.04	074-36-36	15.24	24.24	N47-02-56E
CURVE	C55	143.00	55.25	022-08-10	27.97	54.91	S73-17-09W
CURVE	C56	143.00	26.32	010-32-37	13.19	26.28	S56-56-45W
CURVE	C57	1232.07	37.74	001-45-17	18.87	37.73	S50-47-48W
CURVE	C58	1232.07	63.95	002-58-26	31.98	63.94	S48-25-56W
CURVE	C59	1232.07	63.95	002-58-26	31.98	63.94	S45-27-30W
CURVE	C60	1232.07	63.95	002-58-26	31.98	63.94	S42-29-04W
CURVE	C61	1232.07	63.95	002-58-26	31.98	63.94	S39-30-38W
CURVE	C62	1232.07	63.95	002-58-26	31.98	63.94	S36-32-12W
CURVE	C63	1232.07	63.95	002-58-26	31.98	63.94	S33-33-46W
CURVE	C64	1232.07	63.95	002-58-26	31.98	63.94	S30-35-20W
CURVE	C65	1232.07	66.38	003-05-13	33.20	66.37	S27-33-30W
CURVE	C66	1232.07	30.49	001-25-04	15.24	30.49	S25-18-22W
CURVE	C67	98.00	28.95	016-55-31	14.58	28.84	S16-08-04W
CURVE	C68	98.00	73.53	042-59-15	38.59	71.81	S13-49-18E
CURVE	C69	98.00	19.08	011-09-16	9.57	19.05	S40-53-34E
CURVE	C70	97.00	50.85	030-02-19	26.03	50.27	N31-27-02W
CURVE	C71	20.00	35.39	101-23-23	24.43	30.95	N34-15-49E
CURVE	C72	377.00	49.97	007-35-41	25.02	49.94	N88-45-21E
CURVE	C73	220.31	80.12	020-50-12	40.51	79.68	S77-01-42E
CURVE	C74	220.31	66.58	017-18-57	33.55	66.33	S57-57-07E
CURVE	C75	220.31	24.04	006-15-09	12.03	24.03	S46-10-04E
CURVE	C76	1322.07	85.65	003-42-42	42.84	85.63	S20-16-38W
CURVE	C77	1322.07	89.57	003-52-55	44.80	89.55	S24-04-27W
CURVE	C78	1322.07	71.23	003-05-13	35.62	71.22	S27-33-30W
CURVE	C79	1322.07	68.62	002-58-26	34.32	68.61	S30-35-20W
CURVE	C80	1322.07	68.62	002-58-26	34.32	68.61	S33-33-46W
CURVE	C81	1322.07	68.62	002-58-26	34.32	68.61	S36-32-12W
CURVE	C82	1322.07	68.62	002-58-26	34.32	68.61	S39-30-38W
CURVE	C83	1322.07	68.62	002-58-26	34.32	68.61	S42-29-04W
CURVE	C84	1322.07	68.62	002-58-26	34.32	68.61	S45-27-30W
CURVE	C85	1322.07	68.62	002-58-26	34.32	68.61	S48-25-56W
CURVE	C86	1322.07	15.07	000-39-12	7.54	15.07	S50-14-45W
CURVE	C87	1477.55	53.63	002-04-47	26.82	53.63	N49-31-58E
CURVE	C88	1477.55	61.83	002-23-52	30.92	61.83	N47-17-39E
CURVE	C89	1477.55	64.06	002-29-02	32.03	64.05	N44-51-12E

COMMUNITY SCIENCES CORPORATION CORRALES, NEW MEXICO (505) 897-0000

DRB CASE NO. 93-303
PROJ. NO. 4886.96
SHEET 3 OF 15

26-4886-96 0397

NOTES:

1. THE PURPOSE OF THIS PLAT IS TO SUBDIVIDE TRACT A-2 PARKWEST UNIT 5 CONTAINING 10.9054 ACRES INTO 54 RESIDENTIAL LOTS AND ADJOINING STREETS.

2. ALL BEARINGS SHOWN HEREON ARE GRID BEARING BASED ON THE NEW MEXICO STATE PLANE COORDINATE SYSTEM, CENTRAL ZONE, MEAN DELTA ALPHA -00°16'32". ALL DISTANCES ARE GROUND DISTANCES.

3. BEARINGS AND DISTANCES SHOWN ARE BOTH RECORD AND MEASURED.

4. ALL DIMENSIONS PUBLISHED ALONG CURVED LINES ARE ARC DISTANCES. LOT LINES MARKED N/R ARE NON-RADIAL.

5. BENCHMARK FOR THIS PLAT IS THE CITY OF ALBUQUERQUE ACS BRASS TABLET STAMPED "2-G9" SET IN A 2" IRON PIPE 1 FT. ABOVE GROUND, LOCATED ON TOP OF A VOLCANIC OUTCROP. TO REACH THE STATION FROM THE INTERSECTION OF COORS RD. AND OURAY RD. GO WEST ON OURAY RD. ABOUT 0.7 MI. TO THE END OF PAVEMENT. CONTINUE WEST ON THE DIRT RD. TO THE TOP OF THE DETENTION DAM, ALONG THE N. BANK OF DAM, 0.6 MI. TO A DIRT CROSS ROAD. TURN RIGHT, GO N. ON THE DIRT ROAD 0.5 MU. SLD 1929 ELEVATION = 5334.50.

6. UNLESS OTHERWISE NOTED, ALL CORNERS ARE EVIDENCED BY A #5 REBAR WITH ALUMINUM CAP STAMPED "P.S. #4972".

7. CENTERLINE (IN LIEU OF R/W) MONUMENTATION TO BE INSTALLED AT ALL CENTERLINE PC'S, PT'S, 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".▲DENOTES CENTERLINE MONUMENT

8. PUBLIC UTILITY EASEMENTS (P.U.E.) SHOWN ON THIS PLAT ARE GRANTED FOR THE COMMON AND JOINT USE OF:

   A. 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.

   B 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.

   C. 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.

   D. 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 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 OR POOLS, DECKING, OR ANY STRUCTURES ADJACENT TO OR NEAR EASEMENTS SHOWN ON THIS PLAT.

9. CITY OF ALBUQUERQUE WATER AND SEWER SERVICE TO THESE LOTS MUST BE VERIFIED AND COORDINATED WITH THE PUBLIC WORKS DEPARTMENT, CITY OF ALBUQUERQUE.

10. THE P1 SUFFIX TO LOT NUMBERS DESIGNATES SPECIAL ON-SITE PARKING CRITERIA WHICH JUSTIFIED THE CITY ALLOWING REDUCED STREET WIDTHS IN THIS SUBDIVISION. SPECIFICALLY, THE PARKING DENSITY 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 WIDTH DRIVEWAYS.

11. THE FOLLOWING MINIMUM DWELLING SETBACKS ARE BASED UPON AN APPROVED SITE DEVELOPMENT PLAN:
    20' FRONT YARD TO GARAGE; 15' TO DWELLING
    5' SIDE YARD
    15' REAR YARD
    10' SIDE YARD AT ALL CORNER LOTS REGARDLESS OF LOT ORIENTATION
    THERE ARE NO SOLAR SETBACK REQUIREMENTS.

12. NO DIRECT DRIVEWAY ACCESS WILL BE ALLOWED TO UNSER BOULEVARD N.W. FROM ANY ADJACENT LOT.

13. THERE IS A TEN FOOT (10') WIDE PRIVATE DRAINAGE EASEMENT CENTERED ON COMMON SIDE LOT LINES IN THIS SUBDIVISION (5' ON EACH SIDE). THIS EASEMENT DOES NOT APPLY TO THE COMMON SIDE LOT LINE BETWEEN LOTS 13-P1 AND 14-P1, BLOCK 24, NOR TO SIDE LOT LINES ADJACENT TO STREET RIGHT-OF-WAYS.

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 WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION; SHOWS ACCURATE DIMENSIONS, AND LAND AREAS; SHOWS ALL EASEMENTS AND RESTRICTIONS AS SHOWN ON THE PLAT OF RECORD OR MADE KNOWN TO ME BY THE OWNERS AND/OR PROPRIETORS OF THE SUBDIVISION SHOWN HEREON, TITLE COMPANIES, UTILITY COMPANIES OR OTHER PARTIES EXPRESSING AN INTEREST. I FURTHER CERTIFY THAT THIS PLAT MEETS THE MINIMUM REQUIREMENTS FOR MONUMENTATION AND SURVEYS OF THE ALBUQUERQUE SUBDIVISION ORDINANCE, MEETS THE "MINIMUM STANDARDS FOR LAND SURVEYS" SET FORTH BY THE STATE OF NEW MEXICO AND IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

C. A. SPIROCK, N.M.R.P.S. #4972 — 1/5/96 DATE

REPLAT
FOR

PARKWEST UNIT 2

COMPRISED OF
TRACT A-2 OF PARKWEST UNIT 5
SITUATE WITHIN
TOWN OF ATRISCO GRANT
"PROJECTED" SECTIONS 4 & 9, T10N, R2E, N.M.P.M.
CITY OF ALBUQUERQUE, BERNALILLO COUNTY, NEW MEXICO
APRIL, 1995

AREA TABLE		
BLOCK 20		
LOT 1	6,479 S.F.	0.14873 AC
LOT 2	5,850 S.F.	0.13430 AC
LOT 3	5,850 S.F.	0.13430 AC
LOT 4	5,850 S.F.	0.13430 AC
LOT 5	10,079 S.F.	0.23138 AC
BLOCK 20	*34,108 S.F.*	*0.78301 AC*
BLOCK 21		
LOT 1	6,931 S.F.	0.15911 AC
LOT 2	5,850 S.F.	0.13430 AC
LOT 3	5,850 S.F.	0.13430 AC
LOT 4	5,850 S.F.	0.13430 AC
LOT 5	5,892 S.F.	0.13527 AC
LOT 6	7,388 S.F.	0.16961 AC
LOT 7	6,347 S.F.	0.14570 AC
LOT 8	5,850 S.F.	0.13430 AC
LOT 9	5,850 S.F.	0.13430 AC
LOT 10	5,850 S.F.	0.13430 AC
LOT 11	5,850 S.F.	0.13430 AC
LOT 12	8,164 S.F.	0.18743 AC
BLOCK 21	*75,673 S.F.*	*1.73721 AC*
BLOCK 22		
LOT 1	7,341 S.F.	0.16853 AC
LOT 2	5,850 S.F.	0.13430 AC
LOT 3	5,850 S.F.	0.13430 AC
LOT 4	5,850 S.F.	0.13430 AC
LOT 5	5,850 S.F.	0.13430 AC
LOT 6	7,234 S.F.	0.16606 AC
LOT 7	6,538 S.F.	0.15009 AC
LOT 8	5,850 S.F.	0.13430 AC
LOT 9	5,850 S.F.	0.13430 AC
LOT 10	5,850 S.F.	0.13430 AC
LOT 11	5,850 S.F.	0.13430 AC
LOT 12	7,341 S.F.	0.16853 AC
BLOCK 22	*75,254 S.F.*	*1.72760 AC*
BLOCK 23		
LOT 1	10,306 S.F.	0.23660 AC
LOT 2	5,850 S.F.	0.13430 AC
LOT 3	5,850 S.F.	0.13430 AC
LOT 4	5,850 S.F.	0.13430 AC
LOT 5	6,747 S.F.	0.15489 AC
LOT 6	10,141 S.F.	0.23280 AC
LOT 7	5,850 S.F.	0.13430 AC
LOT 8	5,895 S.F.	0.13533 AC
LOT 9	9,815 S.F.	0.22533 AC
BLOCK 23	*66,304 S.F.*	*1.52213 AC*
BLOCK 24		
LOT 1	6,712 S.F.	0.15408 AC
LOT 2	7,449 S.F.	0.17102 AC
LOT 3	6,021 S.F.	0.13823 AC
LOT 4	5,966 S.F.	0.13696 AC
LOT 5	5,966 S.F.	0.13696 AC
LOT 6	5,966 S.F.	0.13696 AC
LOT 7	5,966 S.F.	0.13696 AC
LOT 8	5,966 S.F.	0.13696 AC
LOT 9	5,966 S.F.	0.13696 AC
LOT 10	5,966 S.F.	0.13696 AC
LOT 11	6,193 S.F.	0.14216 AC
LOT 12	6,780 S.F.	0.15565 AC
LOT 13	11,928 S.F.	0.27382 AC
LOT 14	9,174 S.F.	0.21061 AC
LOT 15	8,292 S.F.	0.19036 AC
LOT 16	8,993 S.F.	0.20646 AC
R/W	*4,465 S.F.*	*0.10250 AC*
BLOCK 24	*117,769 S.F.*	*2.70361 AC*

REGISTERED LAND SURVEYOR STATE OF NEW MEXICO No. 4972 C. A. SPIROCK

SHEET 3 OF 3

DATE: APRIL 1995
SCALE: N/A
DESIGNED: S.P.S.
DRAWN: D.E.R.
JOB NO.: 143-23-025

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

PARKWEST SUBDIVISION
UNIT 2

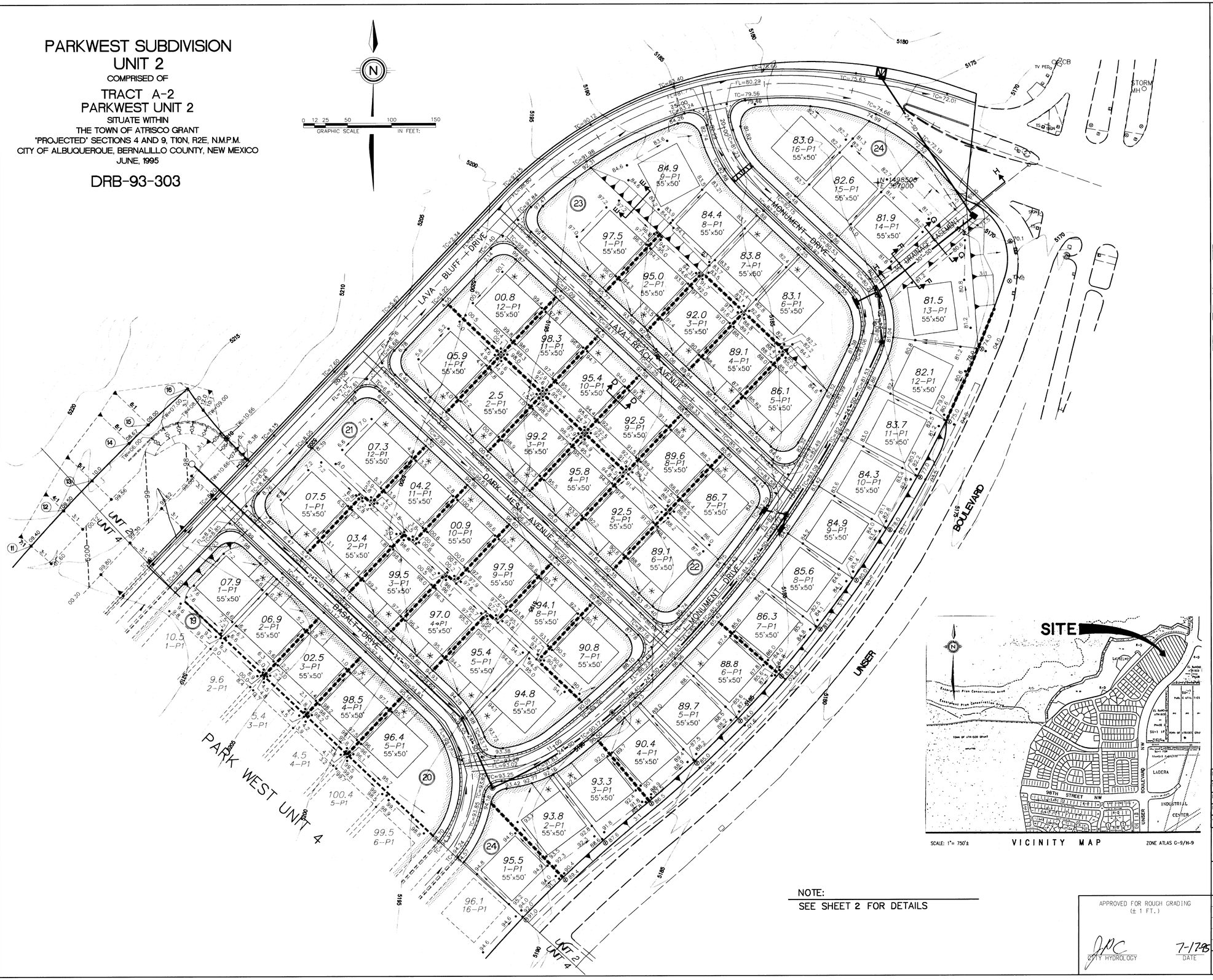
COMPRISED OF

TRACT A-2
PARKWEST UNIT 2

SITUATE WITHIN
THE TOWN OF ATRISCO GRANT
"PROJECTED" SECTIONS 4 AND 9, T10N, R2E, N.M.P.M.
CITY OF ALBUQUERQUE, BERNALILLO COUNTY, NEW MEXICO
JUNE, 1995

DRB-93-303

COMMUNITY SCIENCES CORPORATION – CORRALES, NEW MEXICO – (505) 897-0000



LEGEND

- TC=98.43 — PROPOSED TOP OF CURB ELEVATION
- 99.0 — PROPOSED SPOT ELEVATION
- 09.0 — EXISTING SPOT ELEVATION (GRND & TC)
- EROSION CONTROL BERM
- PROPOSED CONCRETE VALLEY GUTTER
- SW — EXISTING SIDEWALK
- PROPOSED MOUNTABLE CURB & GUTTER
- PROPOSED STANDARD CURB & GUTTER
- 4973 — EXISTING CONTOUR W/ INDEX ELEVATION
- PROPOSED SLOPE
- SWALE
- FLOW ARROW
- PROPOSED RETAINING WALL
- PROPOSED FLOOD WALL
- PROPOSED GARDEN WALL
- 30" SD — EXISTING STORM DRAIN
- 30" SD — PROPOSED STORM DRAIN
- TEMPORARY DESILTATION POND
- POND=08.8 — REAR YARD POND W/ ELEVATION
- WATER BLOCK
- AREA TO BE RESEEDED
- NO GRADING (DO NOT DISTURB)

NOTE:
SEE SHEET 2 FOR DETAILS

SCALE: 1"= 750'± VICINITY MAP ZONE ATLAS G-9/H-9

APPROVED FOR ROUGH GRADING (± 1 FT.)
CITY HYDROLOGY — DATE 7-17-95

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN			WATER		
TRANSPORTATION DEVELOPMENT			SEWER		
HYDROLOGY			A.M.A.F.C.A.		

FOR INFORMATION ONLY

PROJECT NO.	MAP NO.	SHEET	OF
4886.96	G, H9	4	15

SURVEY INFORMATION

NO.	FIELD NOTES BY	DATE
1.	COMMUNITY SCIENCES	1995

BENCH MARKS

ACS BRASS TABLET STAMPED "2.09" SET IN A 2" IRON PIPE 1 FT. ABOVE GROUND LOCATED ON TOP OF A VOLCANIC OUTCROP TO REACH THE STATION FROM THE INTERSECTION OF COORS RD. & QURAY RD., NW, GO WEST ON QURAY RD., ABOUT 0.7 MI., TO THE END OF PAVEMENT. CONTINUE WEST ON THE DIRT RD., TO THE TOP OF THE DETENTION DAM, ALONG THE NORTH BANK OF THE DAM 0.6 MI. TO A DIRT CROSS RD., TURN RIGHT, GO NORTH ON THE DIRT RD., 0.5 MI.	CONTRACTOR / WORK STAKE BY / CONSTRUCTION STAKES / ACCEPTANCE BY / FIELD VERIFICATION BY / DRAWINGS CORRECTED BY / RECORDED BY / NO. — DATE
SLD 1929 ELEVATION = 5334.50 FEET	

AS BUILT INFORMATION

MICRO-FILM INFORMATION

ENGINEER'S SEAL — 6-16-95

26-4886.96 0497

NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	

DESIGNED BY SRL DATE JUNE, 1995
DRAWN BY AM, WLV DATE JUNE, 1995
CHECKED BY JOH DATE JUNE, 1995

DATE: JUNE, 1995
SCALE: 1"= 50'
DESIGNED: S.R.L.
DRAWN: W.V.
JOB NO.: 14325-043

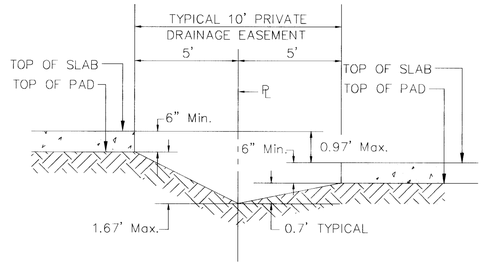
community sciences corporation
LAND PLANNING P.O. Box 1328 — ENGINEERING — SURVEYING Corrales, N.M. 87048

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: PARKWEST - UNIT 2
GRADING & EROSION CONTROL PLAN

14325-043
14325A.DWG
XREF: 10200/254.DWG

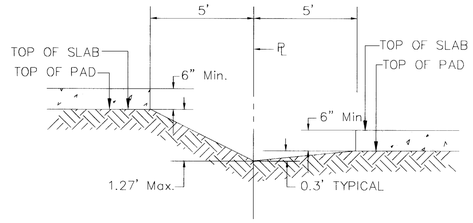
SCANNED BY BY LASON



TYPICAL SECTION A - A

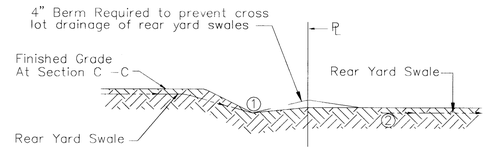
N.T.S.

NOTE: FENCES ARE ALLOWED ON THE PROPERTY LINE WITHIN THE PRIVATE DRAINAGE EASEMENT.



TYPICAL SECTION B - B

N.T.S.



TYPICAL SECTION C - C

N.T.S.

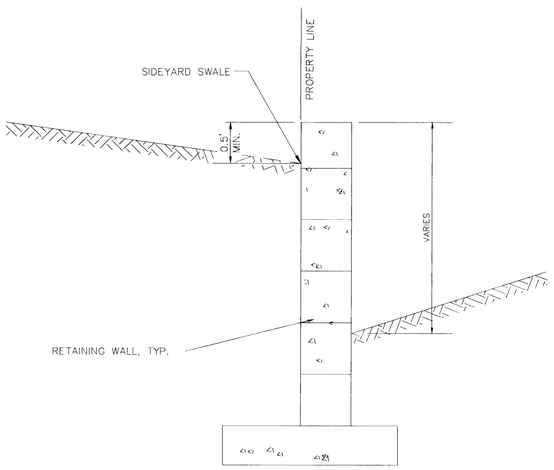
PARKWEST SUBDIVISION UNIT 2

COMPRISED OF

TRACT A-2 PARKWEST UNIT 2

SITUATE WITHIN
THE TOWN OF ATRISCO GRANT
"PROJECTED" SECTIONS 4 AND 9, T10N, R2E, N.M.P.M.
CITY OF ALBUQUERQUE, BERNALILLO COUNTY, NEW MEXICO
JUNE, 1995

DRB-93-303

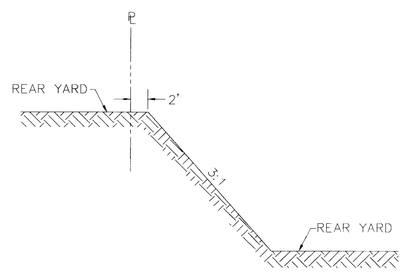


SECTION D - D

TYPICAL RETAINING WALL WITH ADJACENT SWALE

N.T.S.

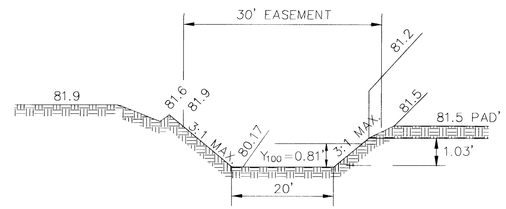
NOTE: CROSS LOT DRAINAGE SHALL BE PREVENTED BY 0.5' MIN. HEIGHT FROM TOP OF RETAINING WALL TO THE INVERT OF THE SWALE



TYPICAL SECTION E - E

REAR PROPERTY LINE GRADING DETAIL

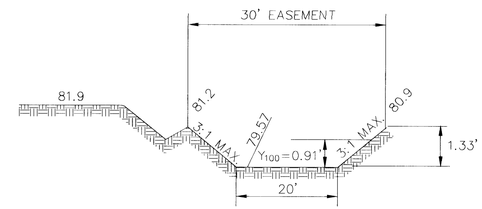
N.T.S.



CHANNEL; S=.015 N=.04
Q_{100}=67 cfs V_{100}=3.60 fps
Y_{100}=0.81' A=18.11 P=24.86
Q_{MAX} =100.8 cfs V_{MAX} =4.23 fps
Y_{MAX}=1.03' A=23.78 P=26.51

EMERGENCY OVERFLOW SECTION F - F

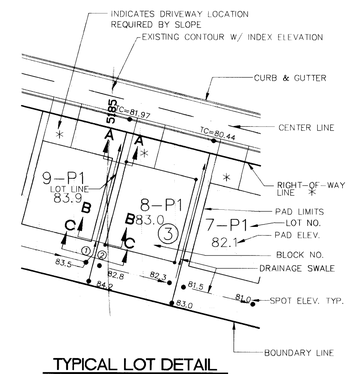
N.T.S.



CHANNEL; S=.01 N=.04
Q_{100}=67 cfs V_{100}=3.22 fps
Y_{100}=0.91' A=20.66 P=25.76
Q_{MAX} =128.42 cfs V_{MAX} =4.02 fps
Y_{MAX}=1.33' A=31.91 P=28.41

EMERGENCY OVERFLOW SECTION G - G

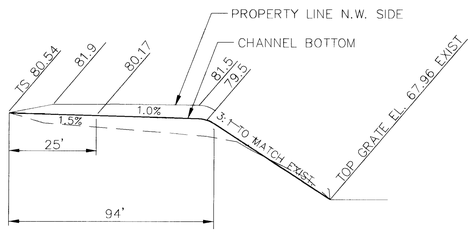
N.T.S.



TYPICAL LOT DETAIL

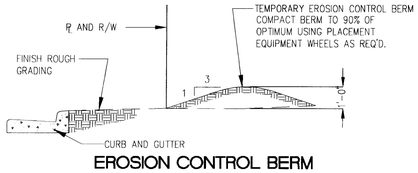
N.T.S.

- FINISHED GRADE AROUND PERIMETER OF HOUSE SHALL BE A MINIMUM OF 6" BELOW TOP OF CONCRETE SLAB. (SEE SECTIONS THIS SHEET)



EMERGENCY OVER FLOW TYPICAL SECTION H - H

N.T.S.



EROSION CONTROL BERM

TYPICAL SECTION THROUGH BERM

N.T.S.

1. CONTRACTOR SHALL OBTAIN A TOP SOIL DISTURBANCE PERMIT PRIOR TO GRADING
2. DISTURBED AREAS WILL BE RESEEDED PER C.O.A. DPM SECTION 1012, WHERE INDICATED BY SHADING, THIS PLAN.
3. PROTECTION OF ADJACENT RIGHT-OF-WAY AND PRIVATE PROPERTY FROM SEDIMENT, WILL BE ACCOMPLISHED BY THE EROSION CONTROL BERM SHOWN HERE ON.

COMMUNITY SCIENCES CORPORATION - CORRALES, NEW MEXICO - (505) 897-0000

AS BUILT INFORMATION

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

BENCH MARKS

ACS BRASS TABLET STAMPED "2-G9" SET IN A 2" IRON PIPE 1 FT. ABOVE GROUND LOCATED ON TOP OF A VOLCANIC OUTCROP TO REACH THE STATION FROM THE INTERSECTION OF COORS RD. & QURAY RD. NW, GO WEST ON QURAY RD. ABOUT 0.7 MI. TO THE END OF PAVEMENT, CONTINUE WEST ON THE DIRT RD. TO THE TOP OF THE DETENTION DAM, ALONG THE NORTH BANK OF THE DAM 0.6 MI. TO A DIRT CROSS RD., TURN RIGHT, GO NORTH ON THE DIRT RD. 0.5 MI.
SLD 1929 ELEVATION = 5334.50 FEET

SURVEY INFORMATION

NO.	FIELD NOTES BY	DATE
1	COMMUNITY SCIENCES	

ENGINEER'S SEAL

NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	

DESIGNED BY BOM DATE MARCH, 1995
DRAWN BY AML WLV DATE MARCH, 1995
CHECKED BY J.D.H. DATE MARCH, 1995

DATE: MAY, 1995
SCALE: AS SHOWN
JOB NO.: 14323-043

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

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: PARKWEST - UNIT 2
GRADING AND EROSION CONTROL PLAN
SECTIONS AND DETAILS

APPROVED FOR ROUGH GRADING (± 1 FT.)

CITY HYDROLOGY 7-17-95 DATE

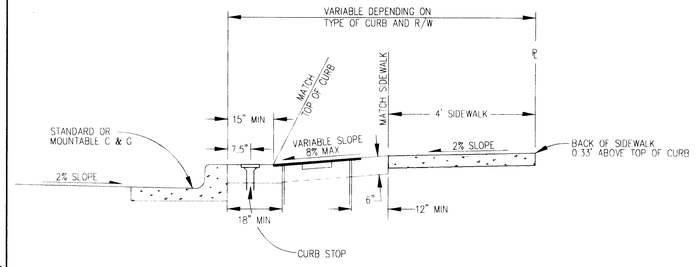
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN			WATER		
TRANSPORTATION			WASTEWATER		
HYDROLOGY					

FOR INFORMATION ONLY

PROJECT NO.	MAP NO.	SHEET	OF
4886.96	G, H9	5	15

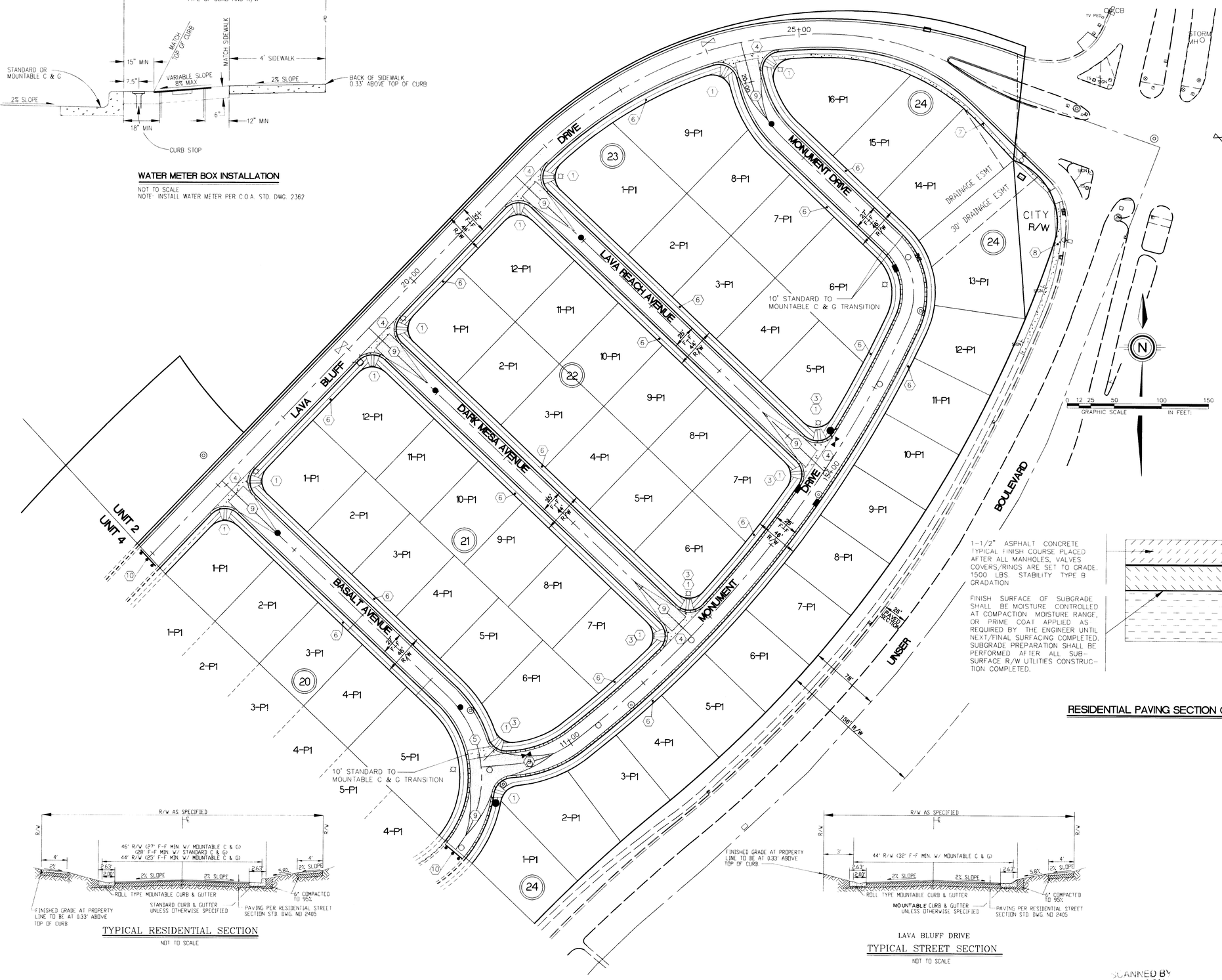
14323
14323C5.DWG

COMMUNITY SCIENCES CORPORATION – CORRALES, NEW MEXICO – (505) 897-0000



WATER METER BOX INSTALLATION

NOT TO SCALE
NOTE: INSTALL WATER METER PER C.O.A. STD. DWG. 2362



LEGEND

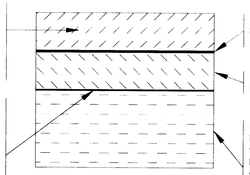
x FL=74.11	PROPOSED CURB FLOWLINE ELEVATION
73.6 ⊕	EXISTING SPOT ELEVATION (GRND & TC)
	PROPOSED VALLEY GUTTER/ SIDEWALK
	EXISTING CURB & GUTTER
	PROPOSED MOUNTABLE CURB & GUTTER
	PROPOSED STANDARD CURB & GUTTER
	EXISTING SIDEWALK
	FLOW ARROW
	EXISTING SANITARY SEWER MANHOLE
	PROPOSED SANITARY SEWER 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
	REMOVE & REPLACE ARTERIAL PAVEMENT
	PROPOSED STREET LIGHT

KEYNOTES:

1. WHEELCHAIR RAMP PER COA STD. DWG. 2441 CASE II.
2. WHEELCHAIR RAMP PER COA STD. DWG. 2441 CASE I.
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 C.O.A. STD. DWG. 2422
6. FUTURE 4' SIDEWALK, BY OTHERS
7. PROPOSED 4' SIDEWALK, THIS CONTRACT
8. PROPOSED 6' SIDEWALK, THIS CONTRACT
9. 50' CROWN TRANSITION PER C.O.A. STD. DWG. 2401
10. CUT-OFF WALL (FULL STREET WIDTH, 24" DEEP x 8" THICK) PER C.O.A. STD. DWG. NO. 2415

1-1/2" ASPHALT CONCRETE TYPICAL FINISH COURSE PLACED AFTER ALL MANHOLES, VALVES 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 SUB-SURFACE R/W UTILITIES CONSTRUCTION COMPLETED.



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 >50. PLACED IN 1-12" COMPACTED LIFT. 95% MIN. COMPACTION, AT OPT. MOISTURE +/- 2.0%, ASTM D1557, OR OPT. MOISTURE, TO +4%, ASTM D698 FOR SOIL W/35% OR MORE MATERIAL PASSING THE NO. 200 SIEVE.

RESIDENTIAL PAVING SECTION COMPONENTS

TYPICAL RESIDENTIAL SECTION

NOT TO SCALE

LAVA BLUFF DRIVE

TYPICAL STREET SECTION

NOT TO SCALE

SCANNED BY BY LASON

AS BUILT INFORMATION			
CONTRACTOR	Sundance Mechanical		
REDLINE MARKUP BY	C.S.C.	DATE	9/96
REDLINE REVIEW BY	C.O.A.	DATE	9/96
AS-BUILT DRAWINGS BY	C.S.C.	DATE	9/96
AS-BUILT DRAWINGS CORRECTED BY	C.S.C.	DATE	10/96
MICRO-FILM INFORMATION			
RECORDED BY		DATE	
NO.			

BENCH MARKS

ACS BRASS TABLET STAMPED "2-G9" SET IN A 2" IRON PIPE 4 FT. ABOVE GROUND LOCATED ON TOP OF A VOLCANIC OUTCROP TO REACH THE STATION FROM THE INTERSECTION OF COORS RD. & QUAY RD., NW, GO WEST ON QUAY RD. ABOUT 0.7 MI. TO THE END OF PAVEMENT, CONTINUE WEST ON THE DIRT RD. TO THE TOP OF THE DETENTION DAM, ALONG THE NORTH BANK OF THE DAM 0.6 MI. TO A DIRT CROSS RD., TURN RIGHT, GO NORTH ON THE DIRT RD., 0.5 MI.
SLD 1929 ELEVATION = 5334.50 FEET

SURVEY INFORMATION

FIELD NOTES		
NO.	BY	DATE
1	COMMUNITY SCIENCES	

ENGINEER'S SEAL

12-27-95

REVISIONS			
NO.	DATE	REMARKS	BY

DESIGN			
DESIGNED BY	B.O.M.	DATE	MAY, 1995
DRAWN BY	A.M.	DATE	MAY, 1995
CHECKED BY	J.D.H.	DATE	MAY, 1995

SCALE: 1" = 50'

community sciences corporation
LAND PLANNING P.O. Box 1328 | ENGINEERING | SURVEYING Corrales, N.M. 87048

JOB NO. 14323-043

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

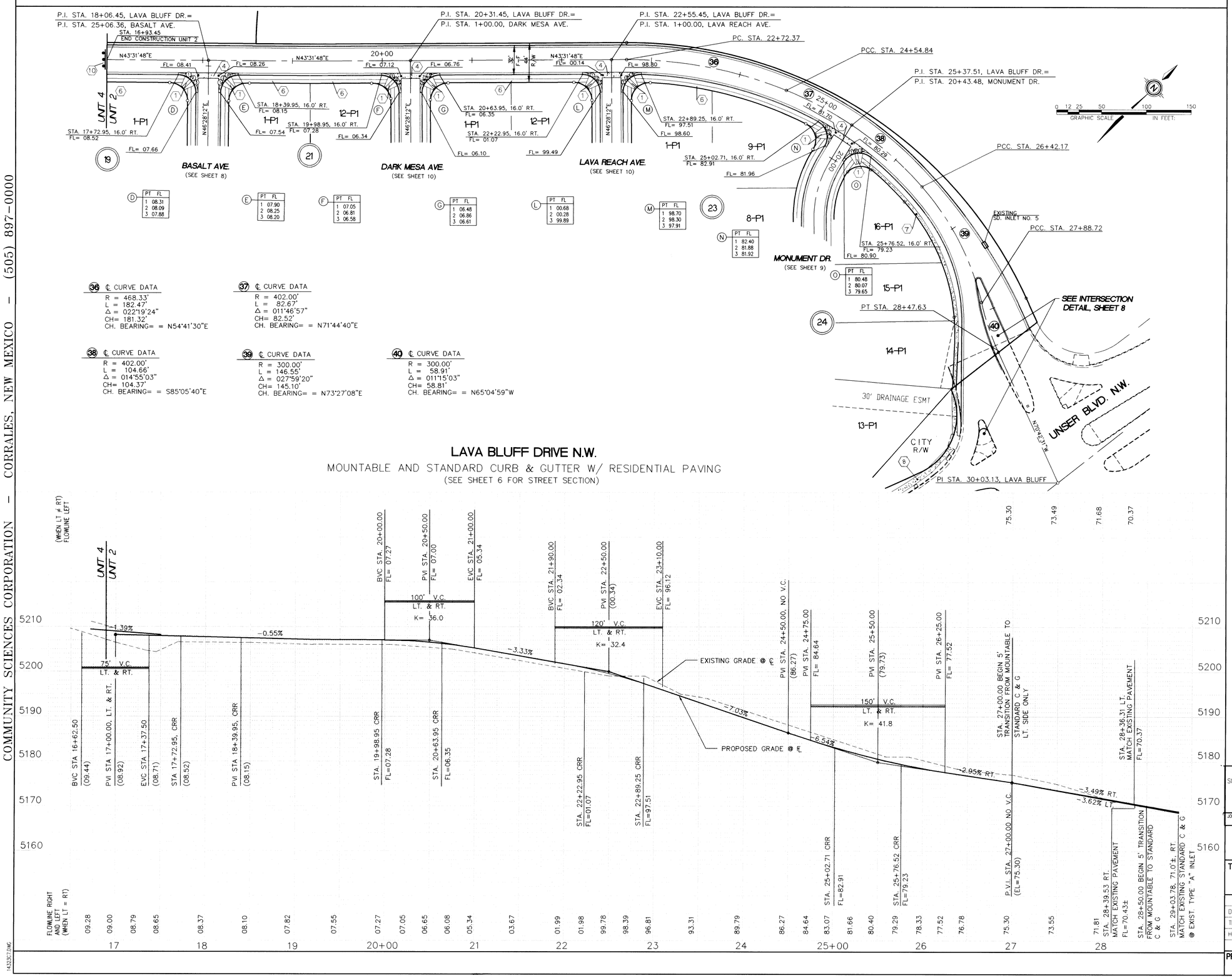
TITLE: PARKWEST - UNIT 2
COMPOSITE PAVING PLAN

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN	B.J. Lookaby	2-7-96	WATER		
TRANSPORTATION	Ken Baghdad	1-29-96	WASTE WATER	N/A RWK	1-3-96
HYDROLOGY	JPC	1-10-96	A.M.A.F.C.A.		

PROJECT NO.	MAP NO.	SHEET
4886.96	G, H9	6 OF 15

JN-14323
1432506.DWG

COMMUNITY SCIENCES CORPORATION – CORRALES, NEW MEXICO – (505) 897-0000



LAVA BLUFF DRIVE N.W.

MOUNTABLE AND STANDARD CURB & GUTTER W/ RESIDENTIAL PAVING

(SEE SHEET 6 FOR STREET SECTION)

LEGEND

- ● FL=74.11 — PROPOSED CURB FLOWLINE ELEVATION
- 73.6 ⊕ — EXISTING SPOT ELEVATION (GRND & TC)
- PROPOSED VALLEY GUTTER/ SIDEWALK
- EXISTING CURB & GUTTER
- PROPOSED MOUNTABLE CURB & GUTTER
- PROPOSED STANDARD CURB & GUTTER
- CROWN TRANSITION

KEYNOTES:

1. WHEELCHAIR RAMP PER COA STD. DWG. 2441 CASE II.
2. WHEELCHAIR RAMP PER COA STD. DWG. 2441 CASE I.
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 C.O.A. STD. DWG. 2422
6. FUTURE 4' SIDEWALK, BY OTHERS
7. PROPOSED 4' SIDEWALK, THIS CONTRACT
8. PROPOSED 6' SIDEWALK, THIS CONTRACT
9. 50' CROWN TRANSITION PER C.O.A. STD. DWG. 2401
10. CUT-OFF WALL (FULL STREET WIDTH, 24" DEEP x 8" THICK) PER C.O.A. STD. DWG. NO. 2415

PARKWEST UNIT 2 CURVE TABLE

CURVE IDEN	RADIUS	ARC	DELTA
A	107.50	168.23	089-39-58
B	20.00	27.85	079-47-14
C	20.00	25.29	072-27-24
D	20.00	31.42	090-00-00
E	20.00	31.42	090-00-00
F	20.00	31.42	090-00-00
G	20.00	32.42	090-00-00
H	20.00	32.07	091-52-46
I	20.00	31.87	091-17-25
J	20.00	28.25	080-55-09
K	20.00	35.71	102-18-24
L	20.00	31.42	090-00-00
M	20.00	32.14	092-03-52
N	20.00	32.13	092-03-19
O	20.00	34.37	098-27-52
P	60.76	75.36	071-04-01
Q	89.24	110.39	071-04-01

AS BUILT INFORMATION

CONTRACTOR Sundance Mechanical
WORK STAKES BY C.S.C. DATE 9/96
INSPECTORS ACCEPTANCE BY C.O.A. DATE 9/96
VERIFICATION BY C.S.C. DATE 9/96
END OF PAVEMENT, CONTINUE WEST ON THE DIRT RD. TO THE TOP OF THE DETENTION DAM, ALONG THE NORTH BANK OF THE DAM 0.6 MI. TO A DIRT CROSS RD., TURN RIGHT, GO NORTH ON THE DIRT RD. 0.5 MI.
DRAWINGS CORRECTED BY C.S.C. DATE 10/96
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS

ACS BRASS TABLET STAMPED "2-C9" SET IN A 2" IRON PIPE 1 FT. ABOVE GROUND LOCATED ON TOP OF A VOLCANIC OUTCROP TO REACH THE STATION FROM THE INTERSECTION OF COORS RD. & OURAY RD. N.W. GO WEST ON OURAY RD. ABOUT 0.7 MI. TO THE END OF PAVEMENT. CONTINUE WEST ON THE DIRT RD. TO THE TOP OF THE DETENTION DAM, ALONG THE NORTH BANK OF THE DAM 0.6 MI. TO A DIRT CROSS RD., TURN RIGHT, GO NORTH ON THE DIRT RD. 0.5 MI.
SLD 1929 ELEVATION = 5334.50 FEET

SURVEY INFORMATION

FIELD NOTES NO.	BY	DATE
1	COMMUNITY SCIENCES	

ENGINEER'S SEAL

12-2-96

NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	

DESIGNED BY B.O.M. DATE MAY, 1995
DRAWN BY A.M. DATE MAY, 1995
CHECKED BY J.D.H. DATE MAY, 1995

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

JOB NO.: 14323.- 041

community sciences corporation
LAND PLANNING P.O. Box 1328 | ENGINEERING | SURVEYING Corrales, N.M. 87048

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: PARKWEST–UNIT 2
PAVING PLAN AND PROFILE
LAVA BLUFF DRIVE N.W.

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN		2-7-96	WATER	N/A	
TRANSPORTATION		1-29-96	WASTE WATER	RWK	1-3-96
HYDROLOGY		1-10-96	A.M.A.F.C.A.		

PROJECT NO. 4886.96 | MAP NO. G,H9 | SHEET 7 OF 15

14323C7.DWG

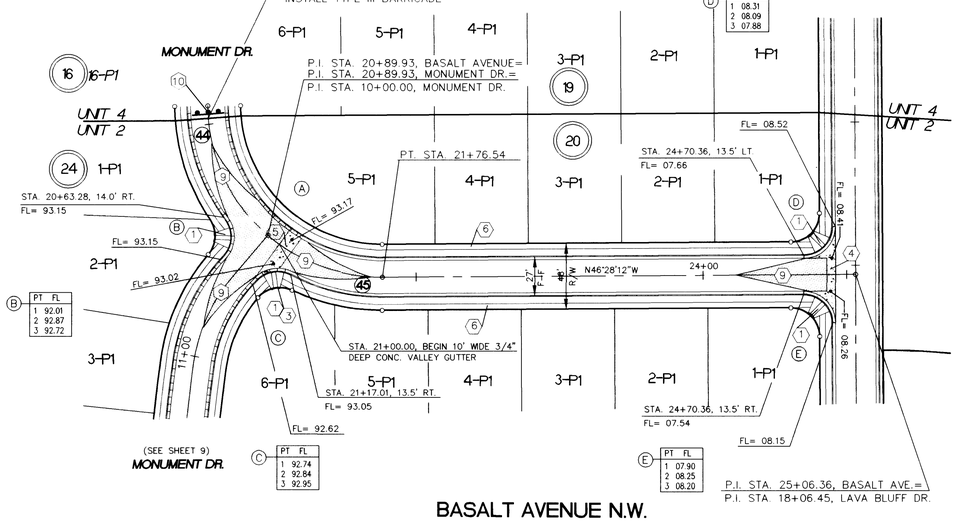
SCANNED BY BY LASON

COMMUNITY SCIENCES CORPORATION – CORRALES, NEW MEXICO – (505) 897-0000

(44) ℄ CURVE DATA
R = 121.00'
L = 102.74'
Δ = 048°39'03"
CH= 99.68'
CH. BEARING= = N18°52'09"E

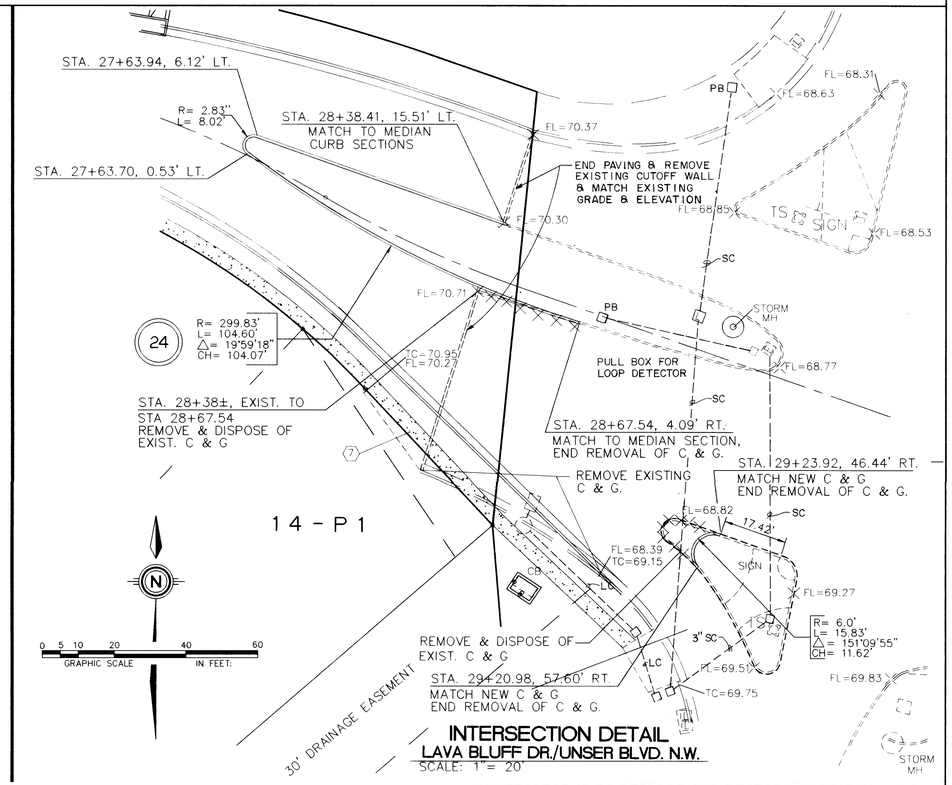
(45) ℄ CURVE DATA
R = 121.00'
L = 86.61'
Δ = 041°00'50"
CH= 84.78'
CH. BEARING= = S25°57'47"E

GRAPHIC SCALE 0 12 25 50 100 150 IN FEET:



BASALT AVENUE N.W.

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



INTERSECTION DETAIL
LAVA BLUFF DR./UNSER BLVD. N.W.

SCALE: 1" = 20'

CONTRACTOR IS TO REPLACE AND RESTORE OPERATION OF THE LOOP DETECTORS AND CONDUITS FOR BOTH THE TRAFFIC SIGNALS AND STREET LIGHTS IN ACCORDANCE WITH CITY OF ALBUQUERQUE'S 3RD DRAFT OF INTERIM STANDARDS FOR SIGNAL CONSTRUCTION. CONTRACTOR IS TO CONTACT TRAFFIC OPERATIONS TO DETERMINE EXACT FIELD LOCATIONS.

LEGEND

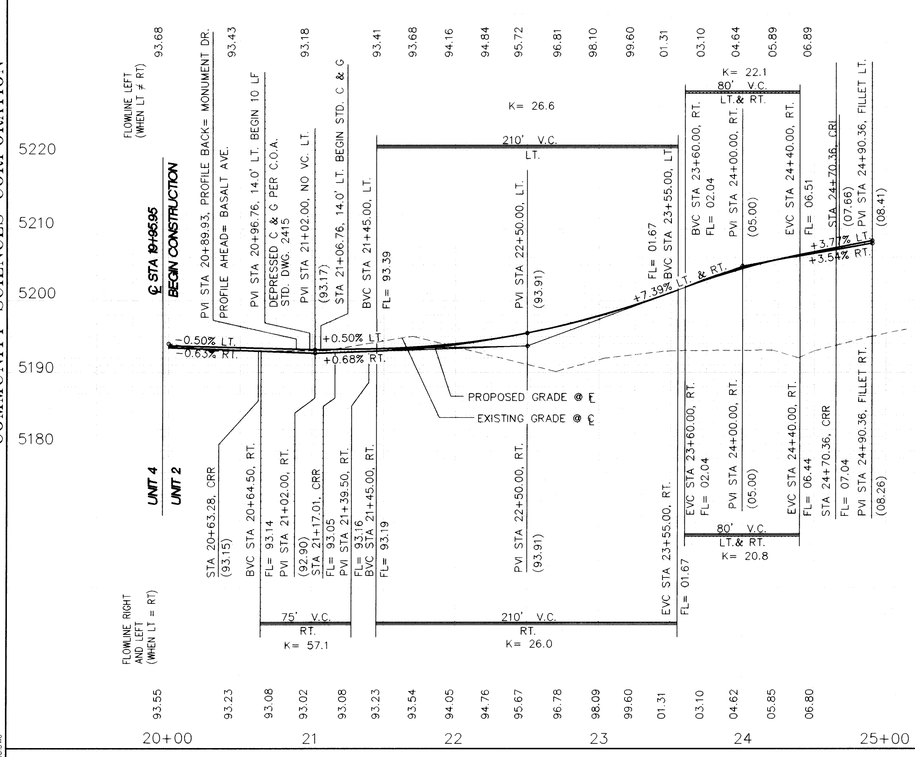
- ● FL= 74.11 — PROPOSED CURB FLOWLINE ELEVATION
- 73.6 ⊕ — EXISTING SPOT ELEVATION (GRND & TC)
- PROPOSED VALLEY GUTTER/ SIDEWALK
- EXISTING CURB & GUTTER
- PROPOSED MOUNTABLE CURB & GUTTER
- PROPOSED STANDARD CURB & GUTTER
- CROWN TRANSITION

KEYNOTES:

1. WHEELCHAIR RAMP PER COA STD. DWG. 2441 CASE II.
2. WHEELCHAIR RAMP PER COA STD. DWG. 2441 CASE I
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 C.O.A. STD. DWG. 2422
6. FUTURE 4' SIDEWALK, BY OTHERS
7. PROPOSED 4' SIDEWALK, THIS CONTRACT
8. PROPOSED 6' SIDEWALK, THIS CONTRACT
9. 50' CROWN TRANSITION PER C.O.A. STD. DWG. 2401
10. CUT-OFF WALL (FULL STREET WIDTH, 24" DEEP x 8" THICK) PER C.O.A. STD. DWG. NO. 2415

PARKWEST UNIT 2
CURVE TABLE

CURVE IDEN	RADIUS	ARC	DELTA
A	107.50	168.23	089-39-58
B	20.00	27.85	079-47-14
C	20.00	25.29	072-27-24
D	20.00	31.42	090-00-00
E	20.00	31.42	090-00-00
F	20.00	31.42	090-00-00
G	20.00	32.42	090-00-00
H	20.00	32.07	091-52-46
I	20.00	31.87	091-17-25
J	20.00	28.25	080-55-09
K	20.00	35.71	102-18-24
L	20.00	31.42	090-00-00
M	20.00	32.14	092-03-52
N	20.00	32.13	092-03-19
O	20.00	34.37	098-27-52
P	60.76	75.36	071-04-01
Q	89.24	110.39	071-04-01



AS BUILT INFORMATION		
CONTRACTOR	Sundance Mechanical	
WORK STAKED BY	C.S.C.	DATE 9/96
AS-BUILT INFORMATION VERIFIED BY	C.O.A.	DATE 9/96
AS-BUILT INFORMATION BY	C.S.C.	DATE 9/96
DRAWINGS CORRECTED BY	C.S.C.	DATE 10/96
MICRO-FILM INFORMATION		
RECORDED BY		DATE

BENCH MARKS

ACS BRASS TABLET STAMPED "2-G9" SET IN A 2" IRON PIPE 1 FT. ABOVE GROUND LOCATED ON TOP OF A VOLCANIC OUTCROP TO REACH THE STATION FROM THE INTERSECTION OF COORS & OURAY RD. NW, GO WEST ON OURAY RD. ABOUT 0.7 M. TO THE END OF PAVEMENT, CONTINUE WEST ON THE DIRT RD. TO THE TOP OF THE DETENTION DAM, ALONG THE NORTH BANK ON THE WAY 0.6 MI. TO A DIRT CROSS RD., TURN RIGHT, GO NORTH ON THE DIRT RD. 0.5 MI.	SLD 1929 ELEVATION = 5334.50 FEET

SURVEY INFORMATION

FIELD NOTES		
NO.	BY	DATE
1	COMMUNITY SCIENCES	

ENGINEER'S SEAL

12-27-95

NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	

DESIGNED BY	B.O.M.	DATE MAY, 1995
DRAWN BY	A.M.	DATE MAY, 1995
CHECKED BY	J.D.H.	DATE MAY, 1995

216-4886.96 (6 8 7)

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

JOB NO.: 14323-041

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

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: PARKWEST–UNIT 2
PAVING PLAN AND PROFILE
MONUMENT DR. & BASALT DR. N.W.

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN			WATER		
TRANSPORTATION		2-7-96	WASTE WATER	N/A RWK	1-3-96
HYDROLOGY		1-29-96	A.M.A.F.C.A.		
		1-10-96			

PROJECT NO.	MAP NO.	SHEET
4886.96	G,H9	8 OF 15

14323CB.DWG

SCANNED BY
BY LASON

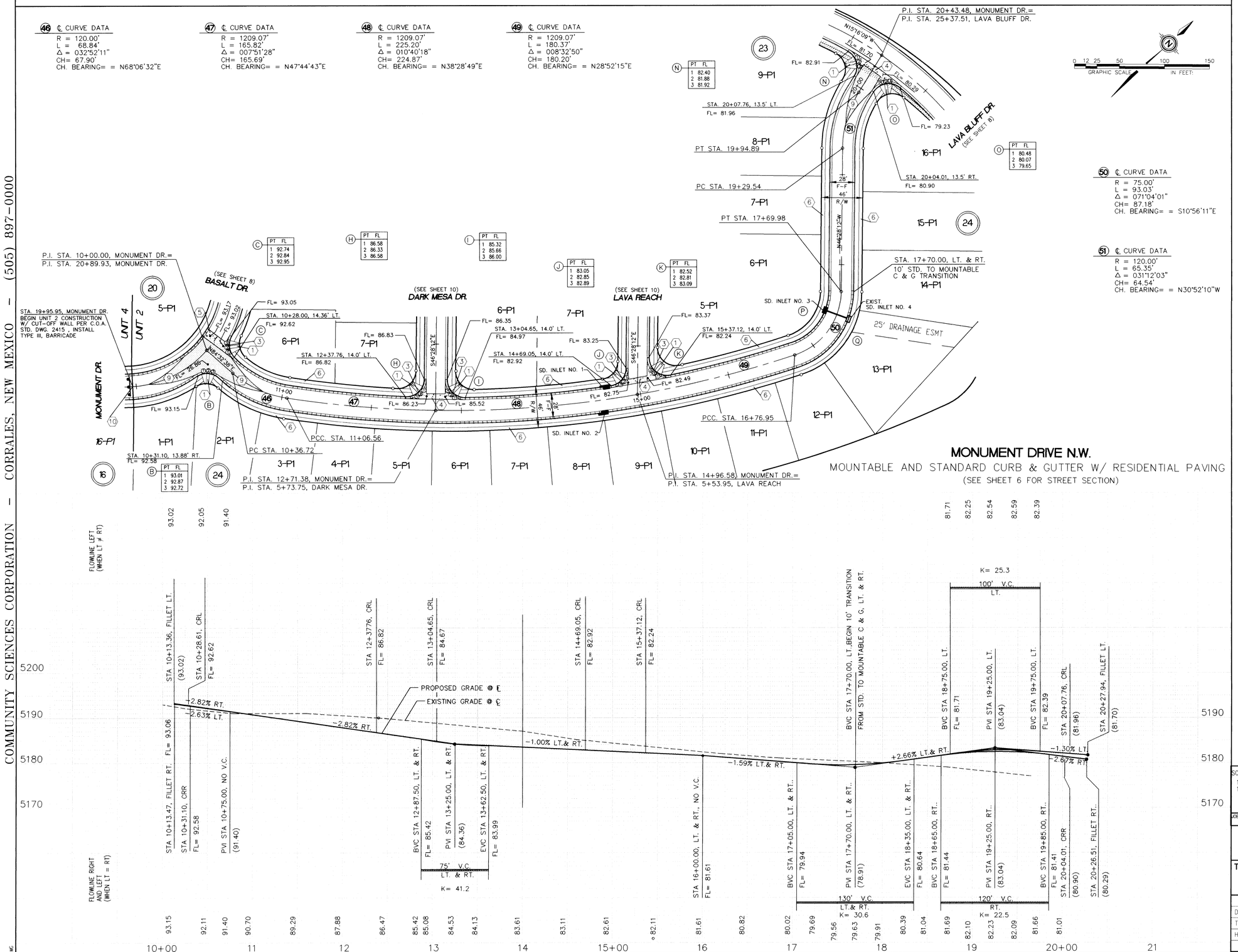
COMMUNITY SCIENCES CORPORATION - CORRALES, NEW MEXICO - (505) 897-0000

46 ℄ CURVE DATA
R = 120.00'
L = 68.84'
Δ = 032°52'11"
CH= 67.90'
CH. BEARING= = N68°06'32"E

47 ℄ CURVE DATA
R = 1209.07'
L = 165.82'
Δ = 007°51'28"
CH= 165.69'
CH. BEARING= = N47°44'43"E

48 ℄ CURVE DATA
R = 1209.07'
L = 225.20'
Δ = 010°40'18"
CH= 224.87'
CH. BEARING= = N38°28'49"E

49 ℄ CURVE DATA
R = 1209.07'
L = 180.37'
Δ = 008°32'50"
CH= 180.20'
CH. BEARING= = N28°52'15"E



50 ℄ CURVE DATA
R = 75.00'
L = 93.03'
Δ = 071°04'01"
CH= 87.18'
CH. BEARING= = S10°56'11"E

51 ℄ CURVE DATA
R = 120.00'
L = 65.35'
Δ = 031°12'03"
CH= 64.54'
CH. BEARING= = N30°52'10"W

LEGEND

- ● FL=74.11 — PROPOSED CURB FLOWLINE ELEVATION
- 73.6 ⊕ — EXISTING SPOT ELEVATION (GRND & TC)
- PROPOSED VALLEY GUTTER/ SIDEWALK
- EXISTING CURB & GUTTER
- PROPOSED MOUNTABLE CURB & GUTTER
- PROPOSED STANDARD CURB & GUTTER
- CROWN TRANSITION

0 12 25 50 100 150
GRAPHIC SCALE IN FEET:

KEYNOTES:

1. WHEELCHAIR RAMP PER COA STD. DWG. 2441 CASE II.
2. WHEELCHAIR RAMP PER COA STD. DWG. 2441 CASE I.
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 C.O.A. STD. DWG. 2422
6. FUTURE 4' SIDEWALK, BY OTHERS
7. PROPOSED 4' SIDEWALK, THIS CONTRACT
8. PROPOSED 6' SIDEWALK, THIS CONTRACT
9. 50' CROWN TRANSITION PER C.O.A. STD. DWG. 2401
10. CUT-OFF WALL (FULL STREET WIDTH, 24" DEEP x 8" THICK) PER C.O.A. STD. DWG. NO. 2415

MONUMENT DRIVE N.W.

MOUNTABLE AND STANDARD CURB & GUTTER W/ RESIDENTIAL PAVING

(SEE SHEET 6 FOR STREET SECTION)

PARKWEST UNIT 2
CURVE TABLE

CURVE IDEN	RADIUS	ARC	DELTA
A	107.50	168.23	089-39-58
B	20.00	27.85	079-47-14
C	20.00	25.29	072-27-24
D	20.00	31.42	090-00-00
E	20.00	31.42	090-00-00
F	20.00	31.42	090-00-00
G	20.00	32.42	090-00-00
H	20.00	32.07	091-52-46
I	20.00	31.87	091-17-25
J	20.00	28.25	080-55-09
K	20.00	35.71	102-18-24
L	20.00	31.42	090-00-00
M	20.00	32.14	092-03-52
N	20.00	32.13	092-03-19
O	20.00	34.37	098-27-52
P	60.76	75.36	071-04-01
Q	89.24	110.39	071-04-01

AS BUILT INFORMATION

CONTRACTOR Sundance Mechanical
WORK STAKED BY C.S.C. DATE 9/96
INSPECTOR'S ACCEPTANCE BY C.O.A. KD DATE 9/96
VERIFICATION BY C.S.C. DATE 9/96
DRAWINGS CORRECTED BY C.S.C. DATE 10/96

MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS

ACS BRASS TABLET STAMPED "2-C9" SET IN A 2" IRON PIPE 1 FT. ABOVE GROUND LOCATED ON TOP OF A VOLCANIC OUTCROP TO REACH THE STATION FROM THE INTERSECTION OF COORS RD. & QURAY RD. NW, GO WEST ON QURAY RD. ABOUT 0.7 MI. TO THE END OF PAVEMENT, CONTINUE WEST ON THE DIRT RD. TO THE TOP OF THE DETENTION DAM, ALONG THE NORTH BANK OF THE DAM 0.6 MI. TO A DIRT CROSS RD., TURN RIGHT, GO NORTH ON THE DIRT RD. 0.5 MI.
SLD 1929 ELEVATION = 5334.50 FEET

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE
1	COMMUNITY SCIENCES	

ENGINEER'S SEAL

12-27-95

NO.	DATE	REMARKS	BY
		REVISIONS	

DESIGN

		DATE
DESIGNED BY	B.O.M.	MAY, 1995
DRAWN BY	A.M.	MAY, 1995
CHECKED BY	J.D.H.	MAY, 1995

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

JOB NO. 14323-041

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

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: PARKWEST-UNIT 2
PAVING PLAN AND PROFILE
MONUMENT DRIVE N.W.

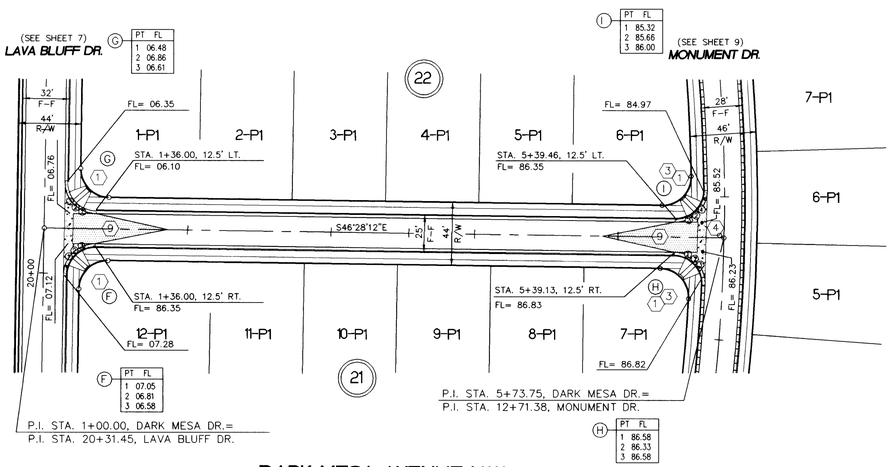
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN			WATER		
TRANSPORTATION		2-7-96	WASTE WATER	HYA Rank	1-3-96
HYDROLOGY		1-29-96	A.M.A.F.C.A.		
		1-12-96			

PROJECT NO.	MAP NO.	SHEET	OF
4886.96	G,H9	9	15

14323SS.DWG

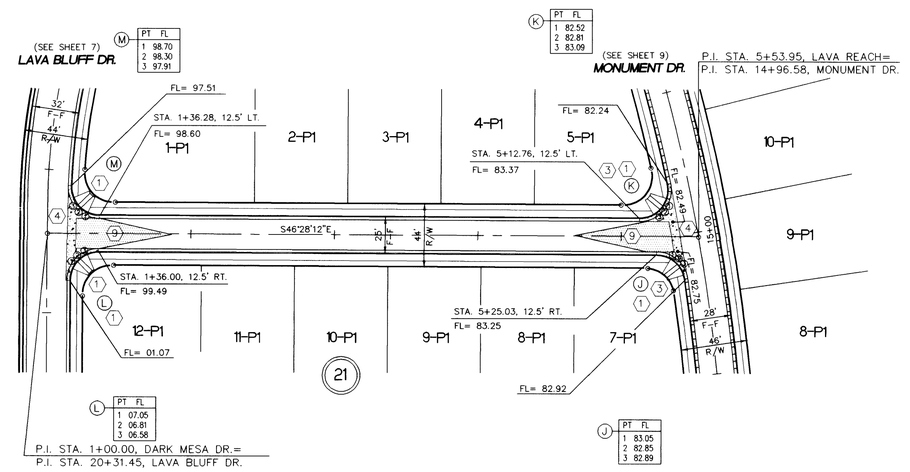
SCANNED BY
BY LASON

COMMUNITY SCIENCES CORPORATION - CORRALES, NEW MEXICO - (505) 897-0000



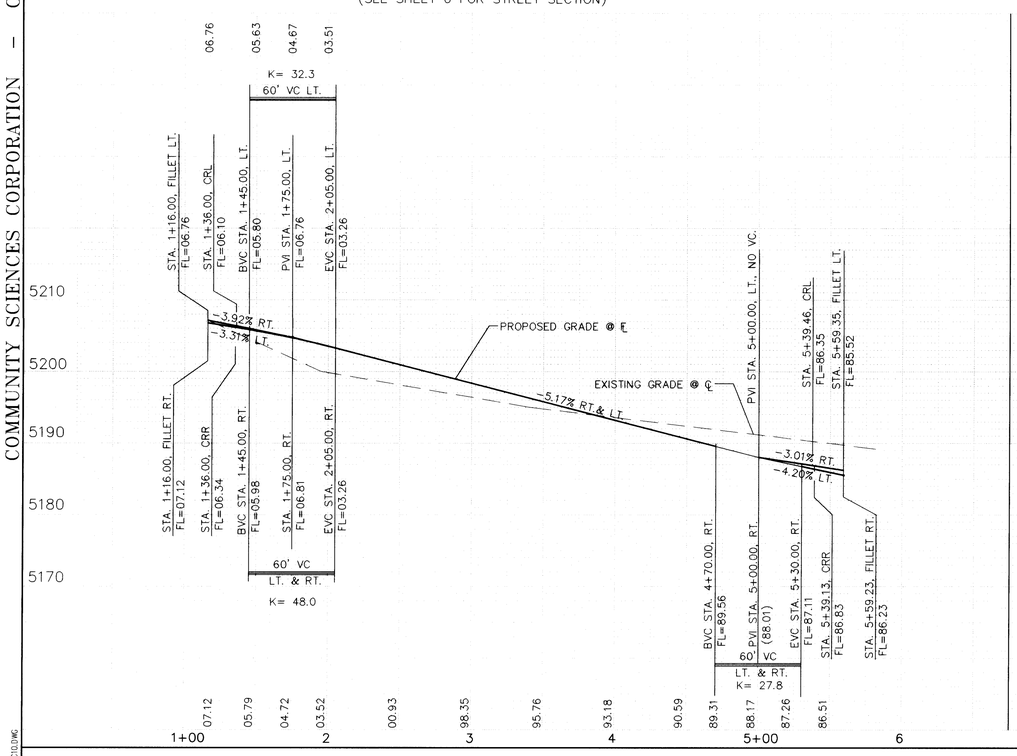
DARK MESA AVENUE N.W.

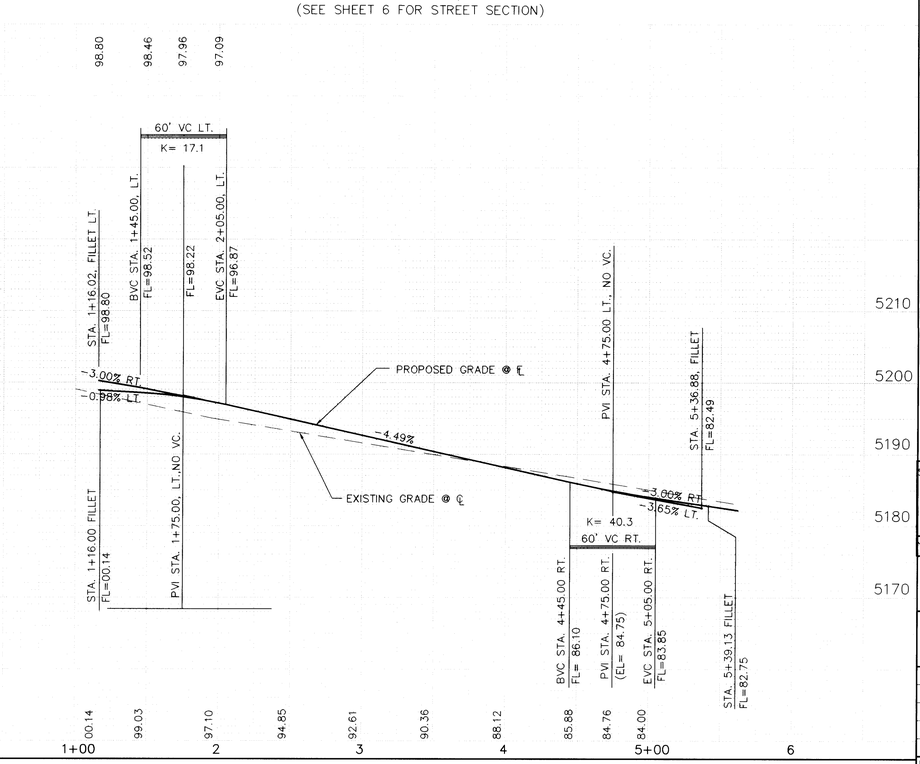
MOUNTABLE CURB & GUTTER W/ RESIDENTIAL PAVING
(SEE SHEET 6 FOR STREET SECTION)



LAVA REACH AVENUE N.W.

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





LEGEND

- ● FL=74.11 — PROPOSED CURB FLOWLINE ELEVATION
- 73.6 ⊕ — EXISTING SPOT ELEVATION (GRND & TC)
- PROPOSED VALLEY GUTTER/ SIDEWALK
- EXISTING CURB & GUTTER
- PROPOSED MOUNTABLE CURB & GUTTER
- PROPOSED STANDARD CURB & GUTTER
- CROWN TRANSITION

0 12 25 50 100 150
GRAPHIC SCALE IN FEET:

KEYNOTES:

1. WHEELCHAIR RAMP PER COA STD. DWG. 2441 CASE II.
2. WHEELCHAIR RAMP PER COA STD. DWG. 2441 CASE I.
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 C.O.A. STD. DWG. 2422
6. FUTURE 4' SIDEWALK, BY OTHERS
7. PROPOSED 4' SIDEWALK, THIS CONTRACT
8. PROPOSED 6' SIDEWALK, THIS CONTRACT
9. 50' CROWN TRANSITION PER C.O.A. STD. DWG. 2401
10. CUT-OFF WALL (FULL STREET WIDTH, 24" DEEP x 8" THICK) PER C.O.A. STD. DWG. NO. 2415

PARKWEST UNIT 2 CURVE TABLE

CURVE IDEN	RADIUS	ARC	DELTA
A	107.50	168.23	089-39-58
B	20.00	27.85	079-47-14
C	20.00	25.29	072-27-24
D	20.00	31.42	090-00-00
E	20.00	31.42	090-00-00
F	20.00	31.42	090-00-00
G	20.00	32.42	090-00-00
H	20.00	32.07	091-52-46
I	20.00	31.87	091-17-25
J	20.00	28.25	080-55-09
K	20.00	35.71	102-18-24
L	20.00	31.42	090-00-00
M	20.00	32.14	092-03-52
N	20.00	32.13	092-03-19
O	20.00	34.37	098-27-52
P	60.76	75.36	071-04-01
Q	89.24	110.39	071-04-01

AS BUILT INFORMATION

CONTRACTOR	Sundance Mechanical	
WORK STAKED BY	C.S.C.	DATE 9/96
INSPECTOR ACCEPTANCE BY	C.O.A. PID	DATE 9/96
VERIFICATION BY	C.S.C.	DATE 9/96
DRAWINGS CORRECTED BY	C.S.C.	DATE 10/96

MICRO-FILM INFORMATION
RECORDED BY DATE
NO

BENCH MARKS

ACS BRASS TABLET STAMPED "2-G9" SET IN A 2" IRON PIPE 1 FT. ABOVE GROUND LOCATED ON TOP OF A VOLCANIC OUTCROP TO REACH THE STATION FROM THE INTERSECTION OF COORS RD. & QURAY RD. NW, GO WEST ON QURAY RD. ABOUT 0.7 MI. TO THE END OF PAVEMENT. CONTINUE WEST ON THE DIRT RD. TO THE TOP OF THE DETENTION DAM, ALONG THE NORTH BANK OF THE DAM 0.6 MI. TO A DIRT CROSS RD., TURN RIGHT, GO NORTH ON THE DIRT RD. 0.5 MI.
SLD 1929 ELEVATION = 5334.50 FEET

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE
1	COMMUNITY SCIENCES	

ENGINEER'S SEAL

12-2-95

NO.	DATE	REMARKS	BY

REVISIONS

DESIGN		
DESIGNED BY	BOM	DATE APRIL 1995
DRAWN BY	AM	DATE APRIL 1995
CHECKED BY	J.D.H.	DATE APRIL 1995

2 6 - 4 8 8 6 . 9 6 1 0 9 7

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

JOB NO.: 14323- 041

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

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: PARKWEST-UNIT 2
PAVING PLAN AND PROFILE
DARK MESA AVE. & LAVA REACH AVE. N.W.

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN		2-7-96	WATER	N/A RWK	1-3-96
TRANSPORTATION		1-29-96	WASTE WATER		
HYDROLOGY	JPC	1-10-96	A.M.A.F.C.A.		

PROJECT NO.	MAP NO.	SHEET
4886.96	G,H-9	10 OF 15

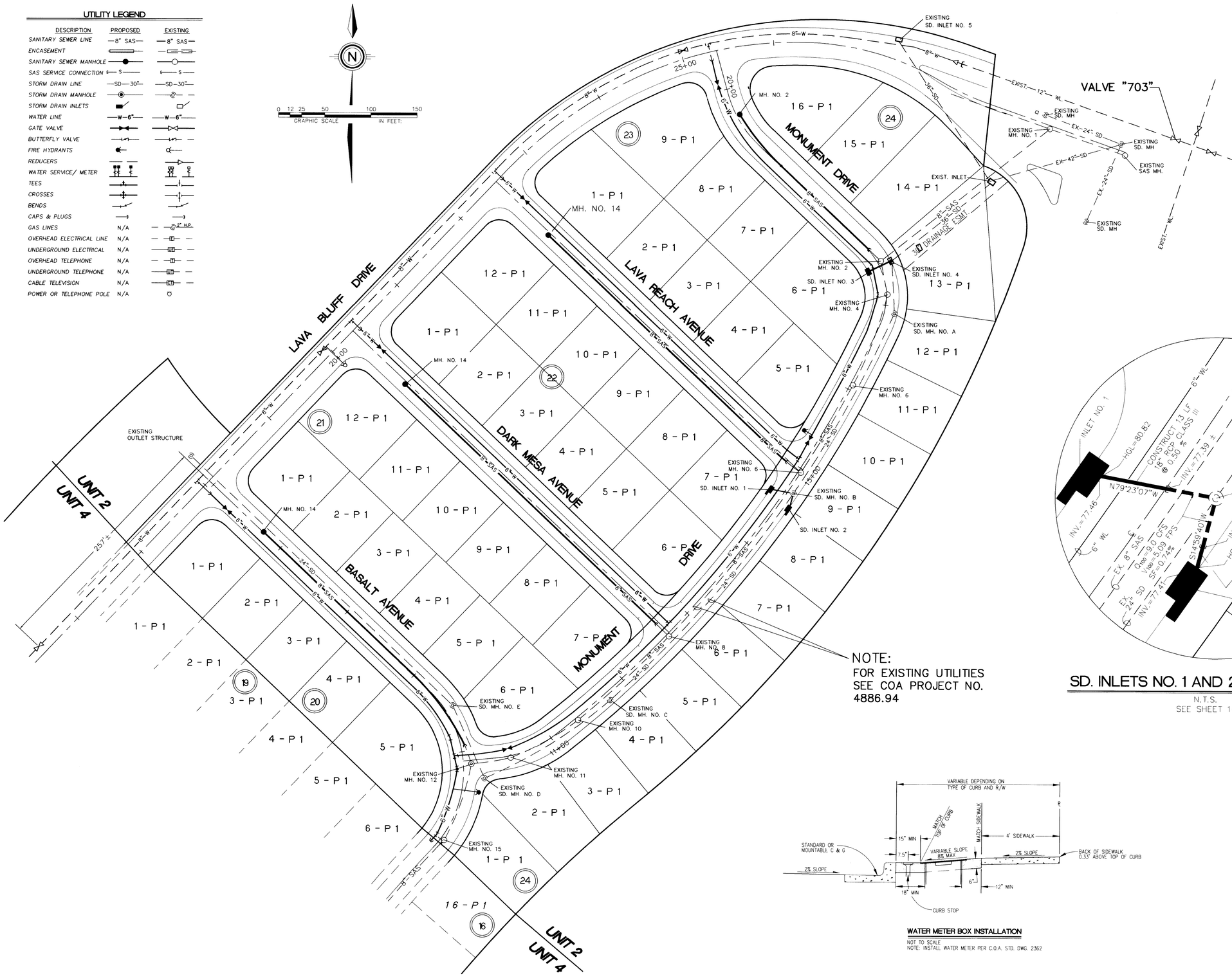
14323C10.DWG

SCANNED BY
BY LASON

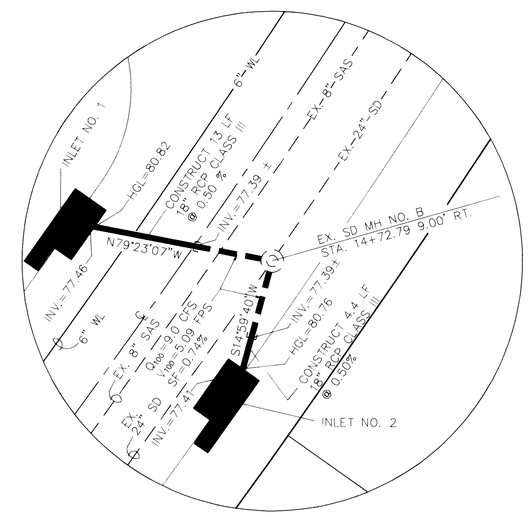
COMMUNITY SCIENCES CORPORATION — CORRALES, NEW MEXICO — (505) 897-0000

UTILITY LEGEND

DESCRIPTION	PROPOSED	EXISTING
SANITARY SEWER LINE	—8" SAS—	—8" SAS—
ENCASEMENT		
SANITARY SEWER MANHOLE		
SAS SERVICE CONNECTION	←S—	←S—
STORM DRAIN LINE	—SD—30"—	—SD—30"—
STORM DRAIN MANHOLE		
STORM DRAIN INLETS		
WATER LINE	—W—6"—	—W—6"—
GATE VALVE		
BUTTERFLY VALVE		
FIRE HYDRANTS		
REDUCERS		
WATER SERVICE/ METER		
TEES		
CROSSES		
BENDS		
CAPS & PLUGS		
GAS LINES	N/A	2" H.P.
OVERHEAD ELECTRICAL LINE	N/A	
UNDERGROUND ELECTRICAL	N/A	UE
OVERHEAD TELEPHONE	N/A	
UNDERGROUND TELEPHONE	N/A	UT
CABLE TELEVISION	N/A	CT
POWER OR TELEPHONE POLE	N/A	



NOTE:
FOR EXISTING UTILITIES SEE COA PROJECT NO. 4886.94



SD. INLETS NO. 1 AND 2 CONSTRUCTION

N.T.S.
SEE SHEET 14

WATER METER BOX INSTALLATION

NOT TO SCALE
NOTE: INSTALL WATER METER PER C.O.A. STD. DWG. 2362

UTILITY NOTES

1. RESTRAINED JOINTS, SUCH AS MEGA-LUG EQUIVALENT BRANDS ACCEPTABLE TO THE ENGINEER, SHALL BE USED ON ALL TEES, BENDS, CROSSES & CAPS IN LIEU OF CONCRETE THRUST BLOCKING. RESTRAINED JOINTS SHALL BE CONSIDERED INCIDENTAL TO THIS CONTRACT AND NO ADDITIONAL COMPENSATION, MEASUREMENT, OR PAYMENT WILL BE MADE THEREFORE.
2. LR SHALL BE THE LENGTH OF WATER MAIN THAT REQUIRED JOINTS ON EACH SIDE OF THE FITTINGS.
3. ALL FIRE HYDRANTS & FITTINGS ETC. SHALL BE BUILT IN ACCORDANCE WITH/COA STD. DWG'S 2301 THRU 2380 INCLUSIVE.

WATER SHUT-OFF PLAN

1. VALVES NO. 703 AND EXISTING VALUE 257± SOUTHWEST OF THE INTERSECTION AT BASALT AVENUE AND LAVA BLUFF DRIVE SHALL BE SHUT-OFF SO NON-PRESSURE CONNECTIONS CAN BE MADE.
2. CONTRACTOR SHALL CONTACT WATER SYSTEMS DIVISION (857-8200) FIVE (5) WORKING DAYS PRIOR TO VALVE SHUT-OFF ONLY WATER SYSTEMS PERSONNEL ARE AUTHORIZED TO OPERATE VALVES.

AS BUILT INFORMATION

CONTRACTOR: Sundance Mechanical
WORK STAKED BY: C.S.C. DATE 9/96
INSPECTOR'S ACCEPTANCE BY: C.O.A. A.U. DATE 9/96
FIELD VERIFICATION BY: C.S.C. DATE 9/96
MAP VERIFICATION BY: C.S.C. DATE 10/96
CORRECTED BY: MICRO-FILM INFORMATION
RECORDED BY: DATE
NO.

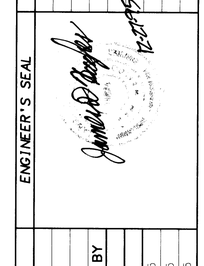
BENCH MARKS

ACS BRASS TABLET STAMPED "2-G9" SET IN A 2" IRON PIPE 1 FT. ABOVE GROUND LOCATED ON TOP OF A VOLCANIC OUTCROP TO REACH THE STATION FROM THE INTERSECTION OF COORS RD. & OURAY RD., NW, GO WEST ON OURAY RD. ABOUT 0.7 MI. TO THE END OF PAVEMENT, CONTINUE WEST ON THE DIRT RD. TO THE TOP OF THE DETENTION DAM, ALONG THE NORTH BANK OF THE DAM 0.6 MI. TO A DIRT CROSS RD., TURN RIGHT, GO NORTH ON THE DIRT RD. 0.5 MI.
SLD 1929 ELEVATION = 5334.50 FEET

SURVEY INFORMATION

NO.	FIELD NOTES BY	DATE
1	COMMUNITY SCIENCES	

ENGINEER'S SEAL



NO.	DATE	REMARKS	BY
		REVISIONS	

DESIGN

		DATE
DESIGNED BY	B.O.M.	MAY, 1995
DRAWN BY	A.M., W.L., V.	MAY, 1995
CHECKED BY	J.D.H.	MAY, 1995

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

SCALE: 1" = 50'

community sciences corporation
LAND PLANNING P.O. Box 1328 — ENGINEERING — SURVEYING Corrales, N.M. 87048

JOB NO. 14323-043

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: PARKWEST - UNIT 2
COMPOSITE UTILITY PLAN

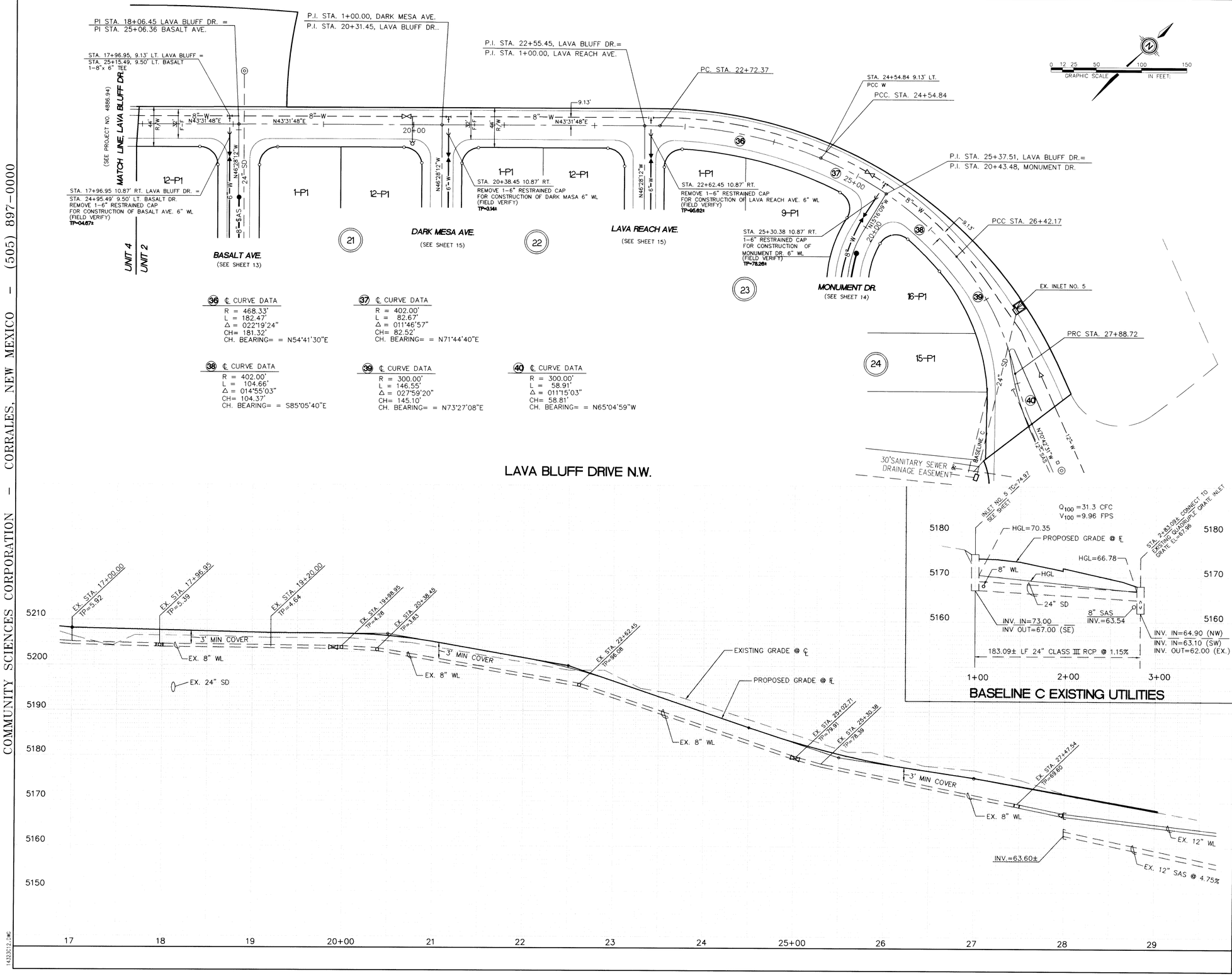
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN	B.J. Bentley	2-7-96	WATER	R.W. Kane	1-3-96
TRANSPORTATION	NK	1-29-96	WASTE WATER	R.W. Kane	1-3-96
HYDROLOGY	JPC	1-10-96	A.M.A.F.C.A.		

PROJECT NO. 4886.96 — MAP NO. G, H9 — SHEET 11 OF 15

14323
14323C11.DWG

SCANNED BY
BY LASON

COMMUNITY SCIENCES CORPORATION - CORRALES, NEW MEXICO - (505) 897-0000



UTILITY LEGEND

DESCRIPTION	PROPOSED	EXISTING
SANITARY SEWER LINE	—8" SAS—	—8" SAS—
ENCASEMENT		
SANITARY SEWER MANHOLE		
SAS SERVICE CONNECTION	—S—	—S—
STORM DRAIN LINE	—SD—30"—	—SD—30"—
STORM DRAIN MANHOLE		
STORM DRAIN INLETS		
WATER LINE	—W—6"—	—W—6"—
GATE VALVE		
BUTTERFLY VALVE		
FIRE HYDRANTS		
REDUCERS		
WATER SERVICE/ METER		
TEES		
CROSSES		
BENDS		
CAPS & PLUGS		
GAS LINES	N/A	—G— 2" H.P.
OVERHEAD ELECTRICAL LINE	N/A	—OE—
UNDERGROUND ELECTRICAL	N/A	—UE—
OVERHEAD TELEPHONE	N/A	—OT—
UNDERGROUND TELEPHONE	N/A	—UT—
CABLE TELEVISION	N/A	—CT—
POWER OR TELEPHONE POLE	N/A	
WATERLINE CURVILINEAR ID	V	

NOTE:
FOR EXISTING UTILITIES
SEE COA PROJECT NO.
4886.94

RESTRAINING LENGTHS

FITTING	LR (FT)
6"-11¼° Bend	2
6"-22½° Bend	3
6"-45° Bland	7
6x6 Tee	9 Run/20 Branch
6" Valves	46

LR = LENGTH TO BE RESTRAINED EACH SIDE OF THE FITTING. FOR TEES, ALL THREE LEGS SHALL BE RESTRAINED FOR A DISTANCE OF "LR". FOR REDUCERS, "LR: IS GIVEN FOR THE LARGER DIAMETER SIDE OF THE FITTING AND NO RESTRAINING IS REQUIRED ON THE SMALL SIDE OF THE FITTING. GATE VALVES SHALL BE MECHANICALLY RESTRAINED AND INSTALLED WITH CONCRETE BLOCKING PER COA STD DWG 2333 IN ADDITION TO THE MECHANICALLY RESTRAINED LENGTHS. ALL CAPS SHALL BE INSTALLED WITH CONCRETE BLOCKING PER COA STD DWG 2320. RESTRAIN ALL JOINTS ON FIRE HYDRANTS.

2 6 - 4 8 8 6 . 9 6 1 2 9 7

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

JOB NO. 14323-PRE

community sciences corporation
LAND PLANNING ENGINEERING SURVEYING
P.O. Box 1326 Corrales, N.M. 87048

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: PARKWEST-UNIT 2
UTILITY PLAN AND PROFILE
LAVA BLUFF DR. N.W.

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN	B.G. Bockelay	2-7-96	WATER	R.W. Kane	1-3-96
TRANSPORTATION	N.K. KBO	1-29-96	WASTE WATER	R.W. Kane	1-3-96
HYDROLOGY	NA	1-10-96	A.M.A.F.C.A.		

PROJECT NO. 4886.96 | MAP NO. G, H9 | SHEET 12 OF 15

AS BUILT INFORMATION

CONTRACTOR	Sundance Mechanical	DATE 9/96
WORK STAKED BY	C.S.C.	DATE 9/96
ACCEPTANCE BY	C.O.A.	DATE 9/96
FIELD VERIFICATION BY	C.S.C.	DATE 10/96
DRAWINGS CORRECTED BY	C.S.C.	
RECORDED BY	MICRO-FILM INFORMATION	DATE
NO.		

BENCH MARKS

ACS BRASS TABLET STAMPED "2-09" SET IN A 2" IRON PIPE 1 FT. ABOVE GROUND LOCATED ON TOP OF A VOLCANIC OUTCROP TO REACH THE STATION FROM THE INTERSECTION OF COORS RD. & QUARAY RD., NW, GO WEST ON QUARAY RD. ABOUT 0.7 MI. TO THE END OF PAVEMENT, CONTINUE WEST ON THE DIRT RD. TO THE TOP OF THE DETENTION DAM, ALONG THE NORTH BANK OF THE DAM 0.6 MI. TO A DIRT CROSS RD., TURN RIGHT, GO NORTH ON THE DIRT RD. 0.5 MI.
SLD 1929 ELEVATION = 5334.50 FEET

SURVEY INFORMATION

NO.	BY	DATE
1	COMMUNITY SCIENCES	

ENGINEER'S SEAL

12-27-95

NO.	DATE	REMARKS	BY

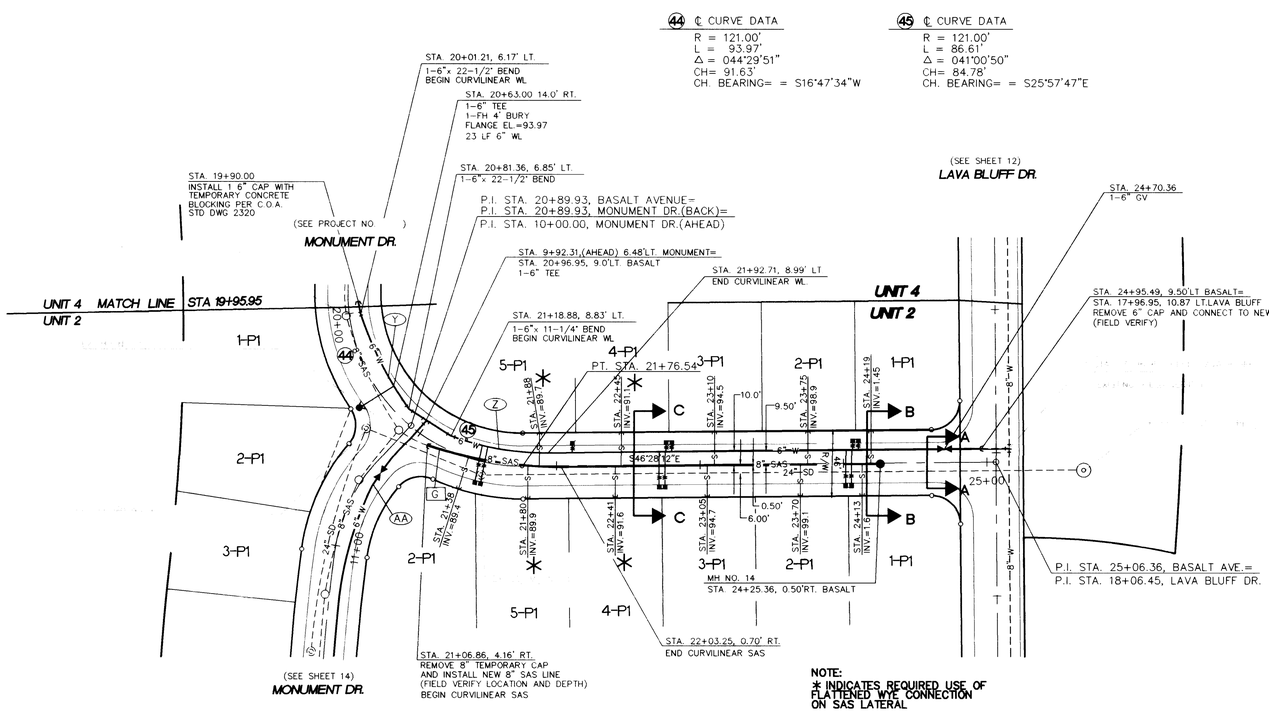
REVISIONS

		DATE
DESIGNED BY	B.C.M.	MAY, 1995
DRAWN BY	A.M., W.L.V.	MAY, 1995
CHECKED BY	J.D.H.	MAY, 1995

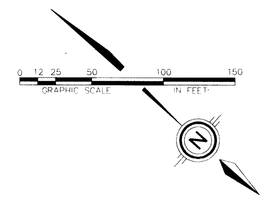
14323C12.DWG

SCANNED BY
BY LASON

COMMUNITY SCIENCES CORPORATION - CORRALES, NEW MEXICO - (505) 897-0000



BASALT AVENUE N.W.



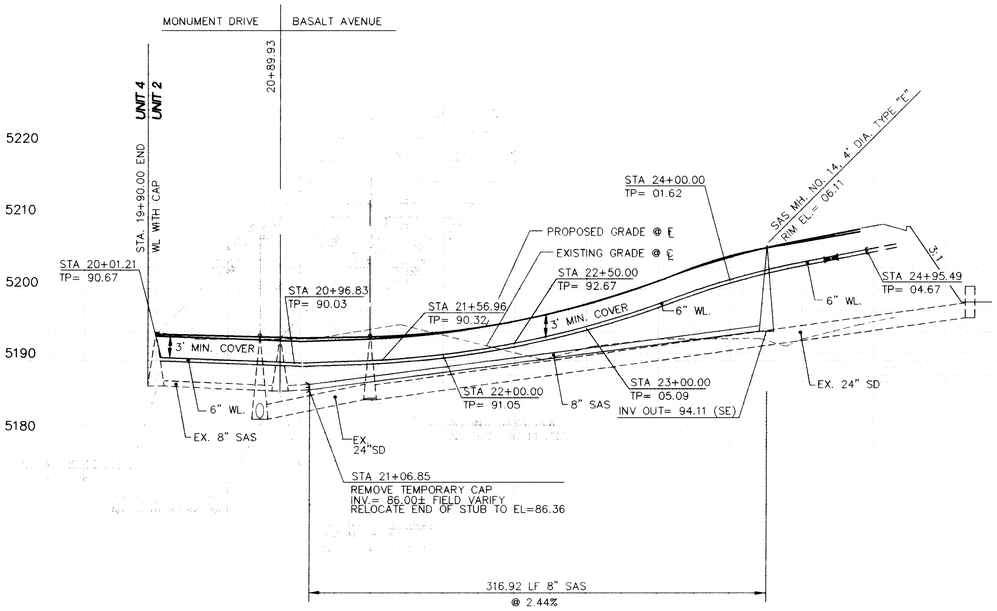
UTILITY LEGEND

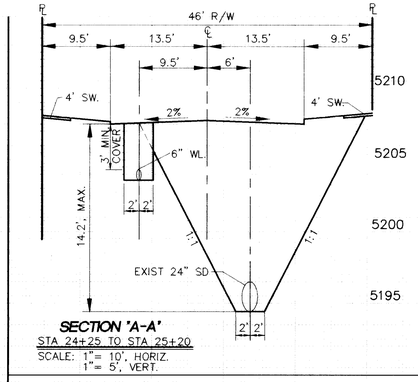
DESCRIPTION	PROPOSED	EXISTING
SANITARY SEWER LINE	—8" SAS—	- -8" SAS-
ENCASEMENT		
SANITARY SEWER MANHOLE		
SAS SERVICE CONNECTION	—S—	-S-
STORM DRAIN LINE	—SD—30"—	- -SD-30"-
STORM DRAIN MANHOLE		
STORM DRAIN INLETS		
WATER LINE	—W—6"—	- -W-6"-
GATE VALVE		
BUTTERFLY VALVE		
FIRE HYDRANTS		
REDUCERS		
WATER SERVICE/ METER		
TEES		
CROSSES		
BENDS		
CAPS & PLUGS		
GAS LINES	N/A	4" H.P.
OVERHEAD ELECTRICAL LINE	N/A	
UNDERGROUND ELECTRICAL	N/A	
OVERHEAD TELEPHONE	N/A	
UNDERGROUND TELEPHONE	N/A	
CABLE TELEVISION	N/A	
POWER OR TELEPHONE POLE	N/A	

WATERLINE CURVILINEAR ID. (A)
SANITARY SEWER CURVILINEAR ID. (B)
STORM DRAINAGE CURVILINEAR ID. (C)

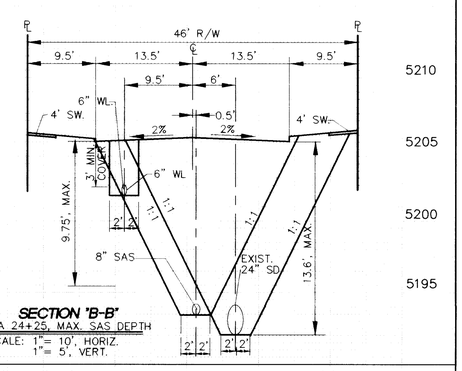
WATERLINE CURVE TABLE						
CURVE	R	L	DELTA	CHORD DISTANCE	CHORD BRG	DELTA 20'JOINT
Y	250.00	74.74	17° 07' 43"	74.46	S 17° 85' 25" W	4.58°
Z	190.00	69.12	20° 50' 39"	68.74	S 36° 08' 15" E	6.03°

SANITARY SEWER CURVE TABLE						
CURVE	R	L	DELTA	CHORD DISTANCE	CHORD BRG	DELTA 20'JOINT
G	275.00	96.81	20°10'13"	96.31	S36°26'15"E	4.17°

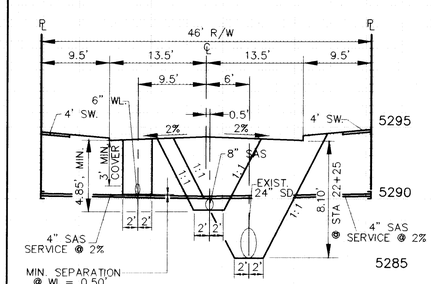




SECTION "A-A"
STA 24+25 TO STA 25+20
SCALE: 1"= 10', HORIZ.
1"= 5', VERT.



SECTION "B-B"
STA 24+25, MAX. SAS DEPTH
SCALE: 1"= 10', HORIZ.
1"= 5', VERT.



SECTION "C-C"
STA 22+25, MIN. SAS DEPTH
SCALE: 1"= 10', HORIZ.
1"= 5', VERT.

RESTRAINING LENGTHS

FITTING	LR (FT)
6"-11¼° Bend	2
6"-22½° Bend	3
6"-45° Bland	7
6x6 Tee	9 Run/20 Branch
6" Valves	46

LR = LENGTH TO BE RESTRAINED EACH SIDE OF THE FITTING. FOR TEES, ALL THREE LEGS SHALL BE RESTRAINED FOR A DISTANCE OF "LR". FOR REDUCERS, "LR" IS GIVEN FOR THE LARGER DIAMETER SIDE OF THE FITTING AND NO RESTRAINING IS REQUIRED ON THE SMALL SIDE OF THE FITTING. GATE VALVES SHALL BE MECHANICALLY RESTRAINED AND INSTALLED WITH CONCRETE BLOCKING PER COA STD DWG 2333 IN ADDITION TO THE MECHANICALLY RESTRAINED LENGTHS. ALL CAPS SHALL BE INSTALLED WITH CONCRETE BLOCKING PER COA STD DWG 2320. RESTRAIN ALL JOINTS ON FIRE HYDRANTS.

AS BUILT INFORMATION
CONTRACTOR Sundance Mechanical DATE 9/96
WORK STAKED BY C.S.C. DATE 9/96
FIELD VERIFIED BY C.O.A. DATE 9/96
DRAWINGS CORRECTED BY C.S.C. DATE 10/96
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS
ACS BRASS TABLET STAMPED "2-C9" SET IN A 2" IRON PIPE 1 FT. ABOVE GROUND LOCATED ON TOP OF A VOLCANIC OUTCROP TO REACH THE STATION FROM THE INTERSECTION OF COORS RD. & QUIRAY RD., NW, GO WEST ON QUIRAY RD. ABOUT 0.7 MI., TO THE END OF PAVEMENT. CONTINUE WEST ON THE DIRT RD. TO THE TOP OF THE DETENTION DAM. ALONG THE NORTH BANK OF THE DAM TO A DIRT CROSS RD., TURN RIGHT, GO NORTH ON THE DIRT RD. 0.5 MI.
0.6 MI. TO A DIRT CROSS RD., TURN RIGHT, GO NORTH ON THE DIRT RD. 0.5 MI.
SLD 1929 ELEVATION = 5334.50 FEET

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE
1	COMMUNITY SCIENCES	

ENGINEER'S SEAL
James R. Vaughn 12-27-96

NO.	DATE	REMARKS	BY
		REVISIONS	

DESIGNED BY B.O.M. DATE MAY, 1995
DRAWN BY A.M., W.L.V. DATE MAY, 1995
CHECKED BY J.D.H. DATE MAY, 1995

2 6 - 4 8 8 6 . 9 6 1 3 9 7

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

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

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: PARKWEST - UNIT 2
UTILITY PLAN & PROFILE
MONUMENT DR. & BASALT AVE. N.W.

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN	B.J. Lobby	2-7-96	WATER	R.W. Kane	1-3-96
TRANSPORTATION	MK KB	1-29-96	WASTE WATER	R.W. Kane	1-3-96
HYDROLOGY	NA JPC	1-10-96	A.M.A.F.C.A.		

PROJECT NO. 4886.96 | MAP NO. G, H9 | SHEET 13 OF 15

14123
14123C13.dwg
XREF ***.DWG

SCANNED BY
BY LASON

COMMUNITY SCIENCES CORPORATION - CORRALES, NEW MEXICO - (505) 897-0000

46 ℄ CURVE DATA
R = 120.00'
L = 68.84'
Δ = 032°52'11"
CH= 67.90'
CH. BEARING= = N68°06'32"E

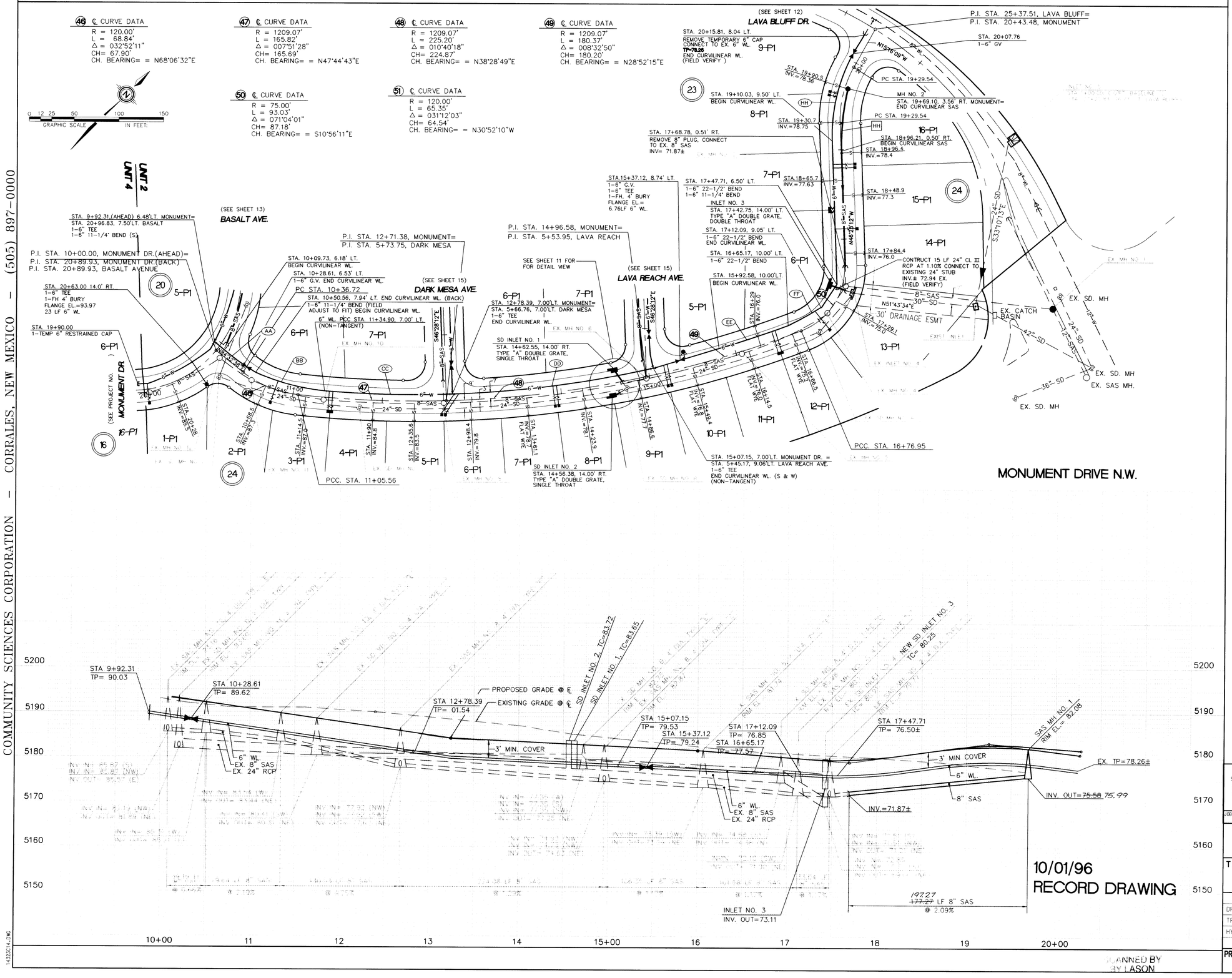
47 ℄ CURVE DATA
R = 1209.07'
L = 165.82'
Δ = 007°51'28"
CH= 165.69'
CH. BEARING= = N47°44'43"E

48 ℄ CURVE DATA
R = 1209.07'
L = 225.20'
Δ = 010°40'18"
CH= 224.87'
CH. BEARING= = N38°28'49"E

49 ℄ CURVE DATA
R = 1209.07'
L = 180.37'
Δ = 008°32'50"
CH= 180.20'
CH. BEARING= = N28°52'15"E

50 ℄ CURVE DATA
R = 75.00'
L = 93.03'
Δ = 071°04'01"
CH= 87.18'
CH. BEARING= = S10°56'11"E

51 ℄ CURVE DATA
R = 120.00'
L = 65.35'
Δ = 031°12'03"
CH= 64.54'
CH. BEARING= = N30°52'10"W



UTILITY LEGEND

DESCRIPTION	PROPOSED	EXISTING
SANITARY SEWER LINE	—8" SAS—	—8" SAS—
ENCASEMENT		
SANITARY SEWER MANHOLE		
SAS SERVICE CONNECTION	S	S
STORM DRAIN LINE	—SD—30"—	—SD—30"—
STORM DRAIN MANHOLE		
STORM DRAIN INLETS		
WATER LINE	—W—6"—	—W—6"—
GATE VALVE		
BUTTERFLY VALVE		
FIRE HYDRANTS		
REDUCERS		
WATER SERVICE/ METER		
TEES		
CROSSES		
BENDS		
CAPS & PLUGS		
GAS LINES	N/A	2" H.P.
OVERHEAD ELECTRICAL LINE	N/A	
UNDERGROUND ELECTRICAL	N/A	
OVERHEAD TELEPHONE	N/A	
UNDERGROUND TELEPHONE	N/A	
CABLE TELEVISION	N/A	
POWER OR TELEPHONE POLE	N/A	

WATERLINE CURVILINEAR ID. (A)
SANITARY SEWER CURVILINEAR ID. (B)
STORM DRAINAGE CURVILINEAR ID. (C)

RESTRAINING LENGTHS

FITTING	LR (FT)
6"-11¼° Bend	2
6"-22½° Bend	3
6"-45° Bland	7
6x6 Tee	9 Run/20 Branch
6" Valves	46

LR = LENGTH TO BE RESTRAINED EACH SIDE OF THE FITTING. FOR TEES, ALL THREE LEGS SHALL BE RESTRAINED FOR A DISTANCE OF "LR". FOR REDUCERS, "LR: IS GIVEN FOR THE LARGER DIAMETER SIDE OF THE FITTING AND NO RESTRAINING IS REQUIRED ON THE SMALL SIDE OF THE FITTING. GATE VALVES SHALL BE MECHANICALLY RESTRAINED AND INSTALLED WITH CONCRETE BLOCKING PER COA STD DWG 2333 IN ADDITION TO THE MECHANICALLY RESTRAINED LENGTHS. ALL CAPS SHALL BE INSTALLED WITH CONCRETE BLOCKING PER COA STD DWG 2320. RESTRAIN ALL JOINTS ON FIRE HYDRANTS.

26-4886.96 1+97

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

JOB NO. 14323-PRE

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

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: PARKWEST-UNIT 2
UTILITY PLAN AND PROFILE
MONUMENT DRIVE N.W.

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN	B.J. Lindsley	2-7-96	WATER	R.W. Kane	1-3-96
TRANSPORTATION	VK	1-29-96	WASTE WATER	R.W. Kane	1-3-96
HYDROLOGY	AFC	1-10-96	A.M.A.F.C.A.		

PROJECT NO. 4886.96 MAP NO. G, H9 SHEET 14 OF 15

AS BUILT INFORMATION
CONTRACTOR Sundance Mechanical
WORK STAKED BY C.S.C. DATE 9/96
STAKE CHECKED BY C.O.A. #1 DATE 9/96
ACCEPTANCE BY C.S.C. DATE 9/96
RECERTIFICATION BY C.S.C. DATE 10/96
DRAWINGS CORRECTED BY C.S.C.
TOP OF PAVEMENT, CONTINUE WEST ON THE DIRT RD. TO THE DAM **MICRO-FILM INFORMATION** DATE
TOP OF THE DETENTION DAM, ALONG THE NORTH BANK OF THE DAM, TURN RIGHT, GO NORTH ON THE DIRT RD. 0.6 MI., TO A DIRT CROSS RD., TURN RIGHT, GO NORTH ON THE DIRT RD. 0.5 MI. RECORDED BY NO.
SLD 1929 ELEVATION = 5334.50 FEET

BENCH MARKS
ACS BRASS TABLET STAMPED "2_G9" SET IN A 2" IRON PIPE 1 FT. ABOVE GROUND LOCATED ON TOP OF A VOLCANIC OUTCROP TO REACH THE STATION FROM THE INTERSECTION OF COORS RD. & QUARAY RD. NW, GO WEST ON QUARAY RD. ABOUT 0.7 MI. TO THE END OF PAVEMENT, CONTINUE WEST ON THE DIRT RD. TO THE TOP OF THE DETENTION DAM, ALONG THE NORTH BANK OF THE DAM, TURN RIGHT, GO NORTH ON THE DIRT RD. 0.6 MI., TO A DIRT CROSS RD., TURN RIGHT, GO NORTH ON THE DIRT RD. 0.5 MI.

SURVEY INFORMATION

NO.	BY	DATE
1	COMMUNITY SCIENCES	

FIELD NOTES

ENGINEER'S SEAL

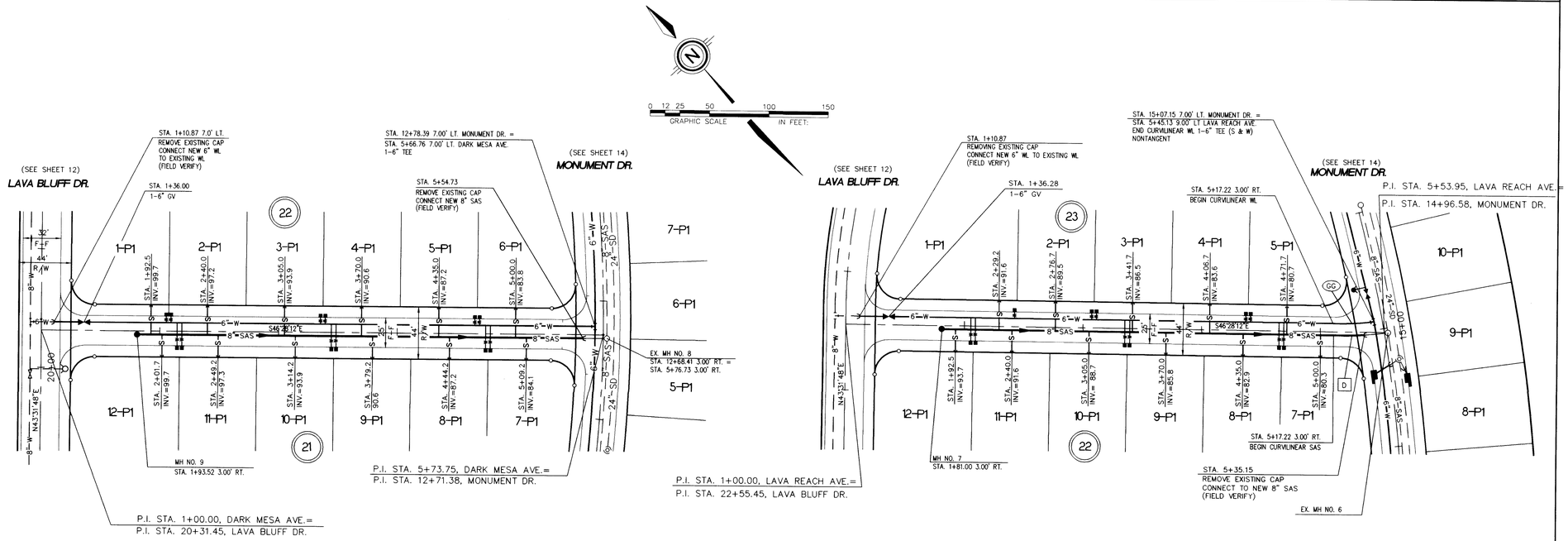
NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	

DESIGNED BY B.O.M. DATE MAY, 1995
DRAWN BY A.M., W.L.V. DATE MAY, 1995
CHECKED BY J.D.H. DATE MAY, 1995

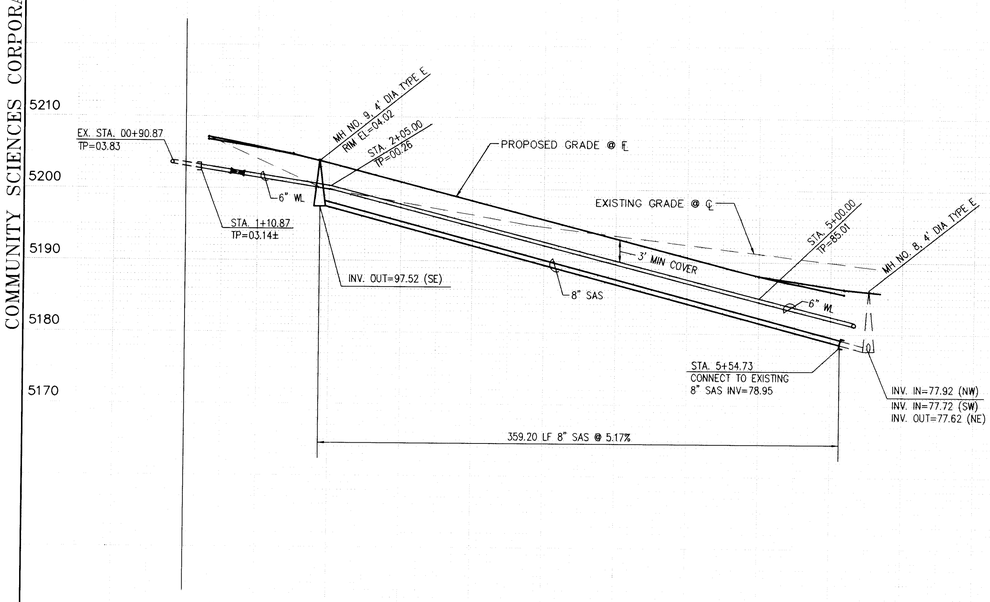
SCANNED BY
BY LASON

14323C14.DWG

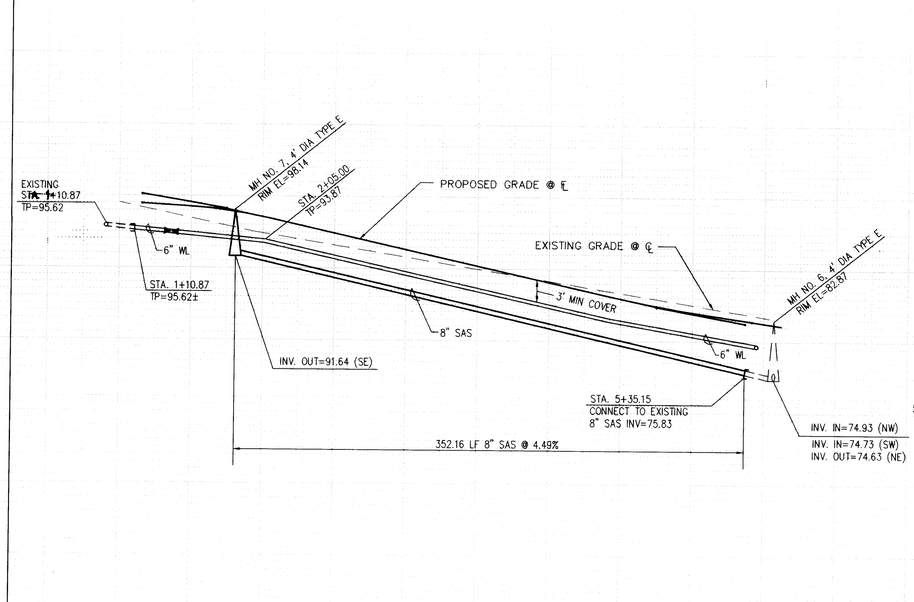
COMMUNITY SCIENCES CORPORATION - CORRALES, NEW MEXICO - (505) 897-0000



DARK MESA AVENUE N.W.



LAVA REACH AVENUE N.W.



UTILITY LEGEND

DESCRIPTION	PROPOSED	EXISTING
SANITARY SEWER LINE	8" SAS	8" SAS
ENCASEMENT		
SANITARY SEWER MANHOLE		
SAS SERVICE CONNECTION	S	S
STORM DRAIN LINE	SD 30"	SD 30"
STORM DRAIN MANHOLE		
STORM DRAIN INLETS		
WATER LINE	W 6"	W 6"
GATE VALVE		
BUTTERFLY VALVE		
FIRE HYDRANTS		
REDUCERS		
WATER SERVICE/ METER		2" H.P.
TEES		
CROSSES		
BENDS		
CAPS & PLUGS		
GAS LINES	N/A	
OVERHEAD ELECTRICAL LINE	N/A	
UNDERGROUND ELECTRICAL	N/A	
OVERHEAD TELEPHONE	N/A	
UNDERGROUND TELEPHONE	N/A	
CABLE TELEVISION	N/A	
POWER OR TELEPHONE POLE	N/A	

WATERLINE CURVILINEAR ID. (A)
SANITARY SEWER CURVILINEAR ID. (B)
STORM DRAINAGE CURVILINEAR ID. (C)

RESTRAINING LENGTHS

FITTING	LR (FT)
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AS BUILT INFORMATION

CONTRACTOR	Sundance Mechanical	DATE 9/96
WORK STAKED BY	C.S.C.	DATE 9/96
ACCEPTANCE BY	C.O.A.	DATE 9/96
FIELD VERIFICATION BY	C.S.C.	DATE 10/96
DRAWINGS CORRECTED BY	C.S.C.	DATE

MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS

ACS BRASS TABLET STAMPED "2-C9" SET IN A 2" IRON PIPE 1 FT. ABOVE GROUND LOCATED ON TOP OF A VOLCANIC OUTCROP TO REACH THE STATION FROM THE INTERSECTION OF COORS RD. & OURAY RD. NW, GO WEST ON OURAY RD. ABOUT 0.7 MI. TO THE END OF PAVEMENT, CONTINUE WEST ON THE DIRT RD. TO THE TOP OF THE DETENTION DAM, ALONG THE NORTH BANK OF THE DAM 0.6 MI. TO A DIRT CROSS RD., TURN RIGHT, GO NORTH ON THE DIRT RD. 0.5 MI.
SLD 1929 ELEVATION = 5334.50 FEET

SURVEY INFORMATION

NO.	FIELD NOTES BY	DATE
1	COMMUNITY SCIENCES	

ENGINEER'S SEAL

12-2-95

NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	

DESIGNED BY B.O.M. DATE APRIL 1995
DRAWN BY A.M., W.L.V. DATE APRIL 1995
CHECKED BY DATE

DATE:
SCALE:
DESIGNED:
DRAWN:
JOB NO.:

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

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: PARKWEST-UNIT 2
UTILITY PLAN AND PROFILE
DARK MESA AVE. & LAVA REACH AVE. N.W.

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN		2-2-96	WATER	R.W. Kane	1-3-96
TRANSPORTATION		1-29-96	WASTE WATER	R.W. Kane	1-3-96
HYDROLOGY	NA	1-10-96	A.M.A.F.C.A.		

PROJECT NO. 4886.96 MAP NO. G,H-9 SHEET 15 OF 15

26-4886.96 15 97

SCANNED BY
BY LASON

14323C15 .DWG

CITY OF ALBUQUERQUE

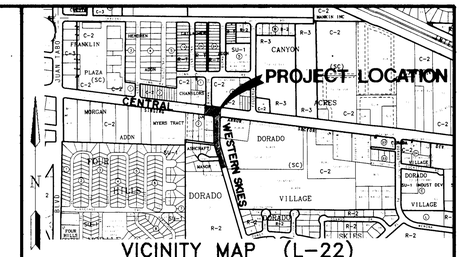
CONSTRUCTION PLANS
FOR

WESTERN SKIES DRIVE DRAINAGE IMPROVEMENTS AND SANITARY SEWER REPLACEMENT

DECEMBER 1995

INDEX of SHEETS

Sheet No.	Sheet Title
1	TITLE SHEET, GENERAL NOTES & VICINITY MAP
2	PLAN & PROFILE, STA. 9+80.12 TO STA. 14+00
3	PLAN & PROFILE, STA. 14+00 TO STA. 16+90.39
4	MISCELLANEOUS DETAILS & TRAFFIC CONTROL PLAN – WESTERN SKIES DRIVE
5	SIGNING AND CONSTRUCTION TRAFFIC CONTROL STANDARDS
6	TYPICAL TRAFFIC CONTROL & SIGNING EXAMPLES (REF. M.U.T.C.D.)



VICINITY MAP (L-22)

NOT TO SCALE

GENERAL NOTES

1. TWO WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT N.M. ONE-CALL SYSTEM, INC., 260-1990. FOR LOCATION OF EXISTING UTILITIES.
2. ALL WORK DETAILED ON THESE PLANS TO BE PERFORMED UNDER CONTRACT SHALL, EXCEPT AS OTHERWISE STATED OR PROVIDED FOR HEREON, BE CONSTRUCTED IN ACCORDANCE WITH THE CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1986 AS AMENDED THROUGH UPDATE #6. REFERENCED TO HEREIN AS THE "STANDARD SPECIFICATIONS".
3. THE CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGE CAUSED TO EXISTING VALVE BOXES, SIDEWALKS, ELECTRIC CONDUIT, MANHOLES, AND CURB & GUTTER DURING CONSTRUCTION AND SHALL REPAIR OR REPLACE SAME AT CONTRACTOR'S EXPENSE.
4. THE LOCATION OF EXISTING UNDERGROUND UTILITIES HAS BEEN DETERMINED BY INFORMATION PROVIDED BY OTHERS, AND SHALL BE CONSIDERED APPROXIMATE ONLY. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION AND SIZE OF ALL EXISTING UTILITY LINES PRIOR TO CONSTRUCTION AND SHALL BE RESPONSIBLE FOR ANY AND ALL DAMAGES RESULTING FROM FAILURE TO LOCATE ANY AND ALL UTILITIES.
5. QUANTITIES SHOWN FOR THE VARIOUS BID ITEMS ARE FOR THE CONTRACTOR'S INFORMATION ONLY. PAYMENT SHALL BE BASED ON ACTUAL QUANTITIES AS CONSTRUCTED.
6. THE CONTRACTOR IS RESPONSIBLE FOR REMOVAL AND DISPOSAL OF ALL DEMOLITION DEBRIS IN AN ENVIRONMENTALLY ACCEPTABLE MANNER AT A LOCATION APPROVED BY THE PROJECT ENGINEER. ALL SALVAGED MATERIALS SHALL BECOME THE PROPERTY OF THE CONTRACTOR.
7. THE CONTRACTOR SHALL SUPPORT AND MAINTAIN OPERATIONAL ALL UTILITIES EXPOSED DURING TRENCHING AND OTHER CONSTRUCTION OPERATIONS. ALL CONSTRUCTION ACTIVITIES INVOLVING GAS, POWER WATER, FIBER OPTIC, AND/OR OTHER UTILITY LINES SHALL BE COORDINATED WITH THE OWNER OF THE UTILITY PRIOR TO ANY DISTURBANCE. NO UTILITY SERVICE SHALL BE DISRUPTED WITHOUT FIRST NOTIFYING ALL AFFECTED PARTIES 48 HOURS IN ADVANCE.
8. EXISTING SANITARY SEWER MANHOLES WITH LIGHT-WEIGHT, VENTED, MULTIHOLED MANHOLE COVERS SHALL BE UPGRADED PER STANDARD SPECIFICATION SECTION 920 WHEN ENCOUNTERED IN THE CONSTRUCTION AREA. THIS WORK INCLUDES REPLACING THE EXISTING MANHOLE FRAME AND COVER, PLACING A CONCRETE PAD AROUND THE EXISTING MANHOLE, AND REPLACING ADJOINING ASPHALT PAVEMENT.
9. ALL WATER VALVE BOXES AND SEWER MANHOLES WITHIN THE NEW PAVEMENT ARE TO BE ADJUSTED TO FINISH GRADE PER COA STANDARD DETAILS.
10. STREET CENTERLINE GRADES SHALL BE RESTORED BY THE CONTRACTOR TO THE EXISTING CENTERLINE GRADES UNLESS OTHERWISE DIRECTED BY THE ENGINEER. SMOOTH TRANSITIONS SHALL BE MADE BETWEEN EXISTING PAVEMENT WHICH REMAINS IN PLACE AND PAVEMENT WHICH IS BEING REPLACED. REPLACE PAVEMENT TO MATCH EXISTING.
11. THREE (3) WORKING DAYS PRIOR TO BEGINNING CONSTRUCTION, THE CONTRACTOR SHALL SUBMIT TO 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. REFER TO SECTION 19 OF THE GENERAL CONDITIONS OF THE STANDARD SPECIFICATIONS.
12. WHERE STORM DRAIN IMPROVEMENTS ARE SHOWN ALONG WITH SANITARY SEWER REPLACEMENT, THE ENTIRE STREET WIDTH PAVEMENT SHALL BE REMOVED AND REPLACED PER PAVEMENT SECTION SHOWN ON PLANS.

RECORD DRAWING

THIS IS A RECORD DRAWING OF THE FACILITIES IDENTIFIED IN THE TITLE BLOCK ONLY AND HAS BEEN PREPARED IN PART ON THE BASIS OF INFORMATION COMPILED AND FURNISHED BY OTHERS. THE ENGINEER/ARCHITECT AND OTHER (S) WILL NOT BE RESPONSIBLE FOR [illegible] OR OMISSION (S) WHICH HAVE BEEN [illegible] DRAWING. ACTUAL CONDITIONS WILL VARY SOMEWHAT FROM THE CONDITIONS SHOWN HEREON AND AT SOME LOCATIONS THE VARIANCE MAY BE LARGE. IF THE PRECISE LOCATION OF ANY FACILITY IS REQUIRED, THE FACILITY SHOULD BE FIELD LOCATED IN THE PRESENCE OF AN EMPLOYEE OF THE DISTRICT OR THE OWNER (S) OF THE UTILITIES INVOLVED.

APPROVAL OF AS BUILT DRAWINGS
CHIEF CONSTRUCTION ENGINEER
DATE 10-18-96

Boyle Engineering Corporation
consulting engineers
Suite 500C
5400 UPTOWN BLVD N.E.
ALBUQUERQUE, N.M. 87110
(505) 883-7700

REV.	SHEETS	CITY ENGINEER	DATE	USER DEPARTMENT	DATE	USER DEPARTMENT	DATE

ENGINEERS STAMP & SIGNATURE

R. WAYNE HOLLY NEW MEXICO 5574 REGISTERED PROFESSIONAL ENGINEER 12/10/95

APPROVALS	ENGINEER	DATE
DRC Chairman	Billy J. Scoggins	12-26-95
Transportation	[illegible]	12-13-95
Water/Wastewater	Roger A. Green	12-2-95
Hydrology	[illegible]	12/6/95
Parks		
Constr. Mngmnt.		

* * * * * * * *
APPROVED FOR CONSTRUCTION

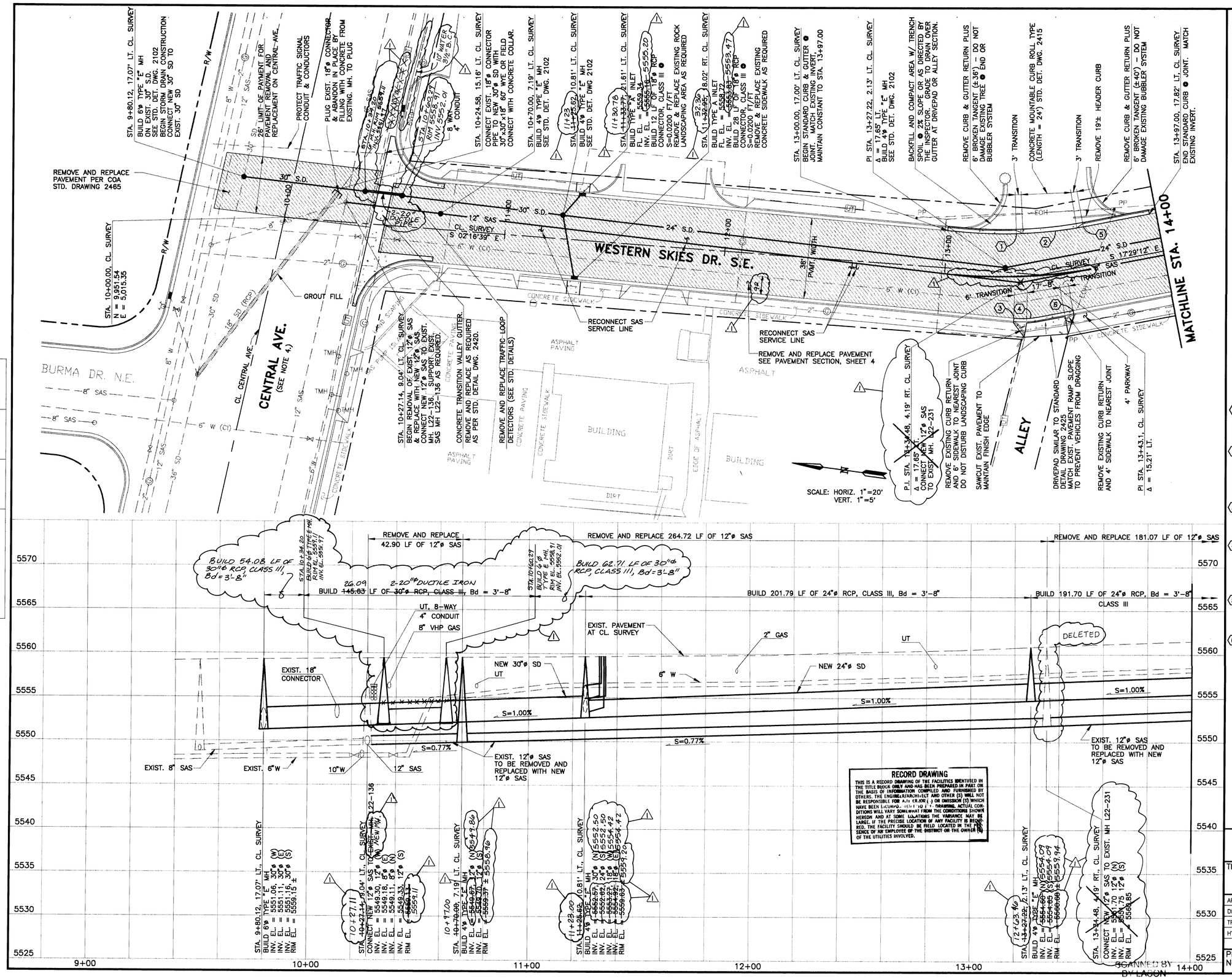
City Engineer Date

City Project No.
PROJECT NO. : 4830.90

Sheet Of
SHEET 1 of 6

FILE SPECIFICATION
D:\WSKIES\SHEET1
PLOT SCALE 1=1
OPERATOR ALDS/CAM
PLOT DATE 12/06/95 15:33

SCANNED BY ASSOC



GENERAL NOTES:

1. NO HYDROLOGY WAS PERFORMED FOR THIS DESIGN, THEREFORE THE STORM DRAIN CAPACITY AND HYDRAULIC GRADELINE HAVE BEEN OMITTED. EXISTING DOWNSTREAM SYSTEM IN CENTRAL AVE. IS LIMITED. NUMBER OF CATCH BASINS AND PIPE SIZES AS DIRECTED BY THE CITY.
2. PAVEMENT REMOVAL AND REPLACEMENT SHALL BE IN ACCORDANCE WITH THE PAVEMENT REPLACEMENT SECTION, SHEET 4.
3. CONTRACTOR SHALL BYPASS FLOW MH TO MH, REMOVING EXISTING 12"ø SAS, & REPLACING WITH NEW 12"ø SAS AT SAME GRADE. SANITARY SEWER SERVICE RECONNECTIONS SHALL BE PER STD. SPEC. SECTION 905.
4. WORK IN CENTRAL AVENUE SHALL BE PHASED. SEE SPECIAL PROVISIONS IN SPECIFICATIONS.
5. A CCTV INSPECTION WAS PERFORMED IN MARCH 1993 FOR THE SEGMENT OF 12" SAS FROM MANHOLE L22-136 TO MANHOLE L22-231. NO CCTV INSPECTION WAS PERFORMED ON THE 12" SAS BETWEEN MANHOLE L22-231 AND MANHOLE L22-333. CONTRACTOR SHALL VERIFY AND RECONNECT ALL THE SAS SERVICE LINES ON THE 12" SAS SCHEDULED TO BE REPLACED.
6. STATIONING FOR SAS & SD REFER TO CENTERLINE SURVEY STATIONING, NOT PIPE STATIONING. PROFILE BUILD LENGTHS ARE ACTUAL PIPE LENGTHS.
7. REPLACE WESTERN SKIES STRIPING TO MATCH EXISTING: SOLID DOUBLE YELLOW 200' SOUTH OF INTERSECTION; SOLID SINGLE WHITE NORTHBOUND RIGHT TURN 100'; AND CROSSWALK ON WESTERN SKIES DRIVE.

KEYED NOTES:

1. STA. 13+31.00, 17.89' LT, CL SURVEY END STANDARD CURB & GUTTER. BEGIN 3' TRANSITION TO MOUNTABLE CURB ROLL TYPE, COA STD. DET. 2415.
2. CURVE DATA @ EDGE OF PAVEMENT
   Δ 16°14'16"
   D 28°38'52"
   R 200.00'
   T 28.53'
   L 56.68'
3. STA. 13+32.98, 20.64' RT., CL. SURVEY BEGIN TRANSITION TO CONCRETE DRIVEPAD SIMILAR TO STD. DET. 2425.
4. CURVE DATA @ EDGE OF PAVEMENT
   Δ 16°35'03"
   D 143°14'22"
   R 40.00'
   T 5.83'
   L 11.58'
5. STA. 13+66.58, 17.78'LT, CL SURVEY END 3' TRANSITION FROM MOUNTABLE CURB ROLL TYPE. BEGIN STANDARD CURB & GUTTER.
6. STA. 13+54.87, 18.91' RT, CL. SURVEY END TRANSITION TO CONCRETE DRIVEPAD SIMILAR TO STD. DET. 2425.

LEGEND

- PAVEMENT REMOVAL AND REPLACEMENT
- NEW SIDEWALK

RECORD DRAWING

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SURVEY INFORMATION
FIELD NOTES

NO.	DATE

BENCH MARKS

HORIZONTAL & VERTICAL CONTROL STATION (4-L22) IS A 3 1/4" ALUMINUM CAP SET FLUSH IN THE CURB AND IS STAMPED, "4-L22, 1986". STATION IS LOCATED ON THE SOUTHWEST CORNER OF CENTRAL AVE. & WHISPERING SANDS ACCESS RD., APPROX. 800' EAST OF THE INTERSECTION OF CENTRAL AVE. & WESTERN SKIES DR. (ELEV. 5583.83)

AS BUILT INFORMATION

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

ENGINEERS SEAL

NO.	DATE	AS CONSTRUCTED REMARKS
1	8/8/96	

REVISIONS

		DATE
DESIGNED BY	KWW	9-95
DRAWN BY	MWM	9-95
CHECKED BY	KWW	9-95

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

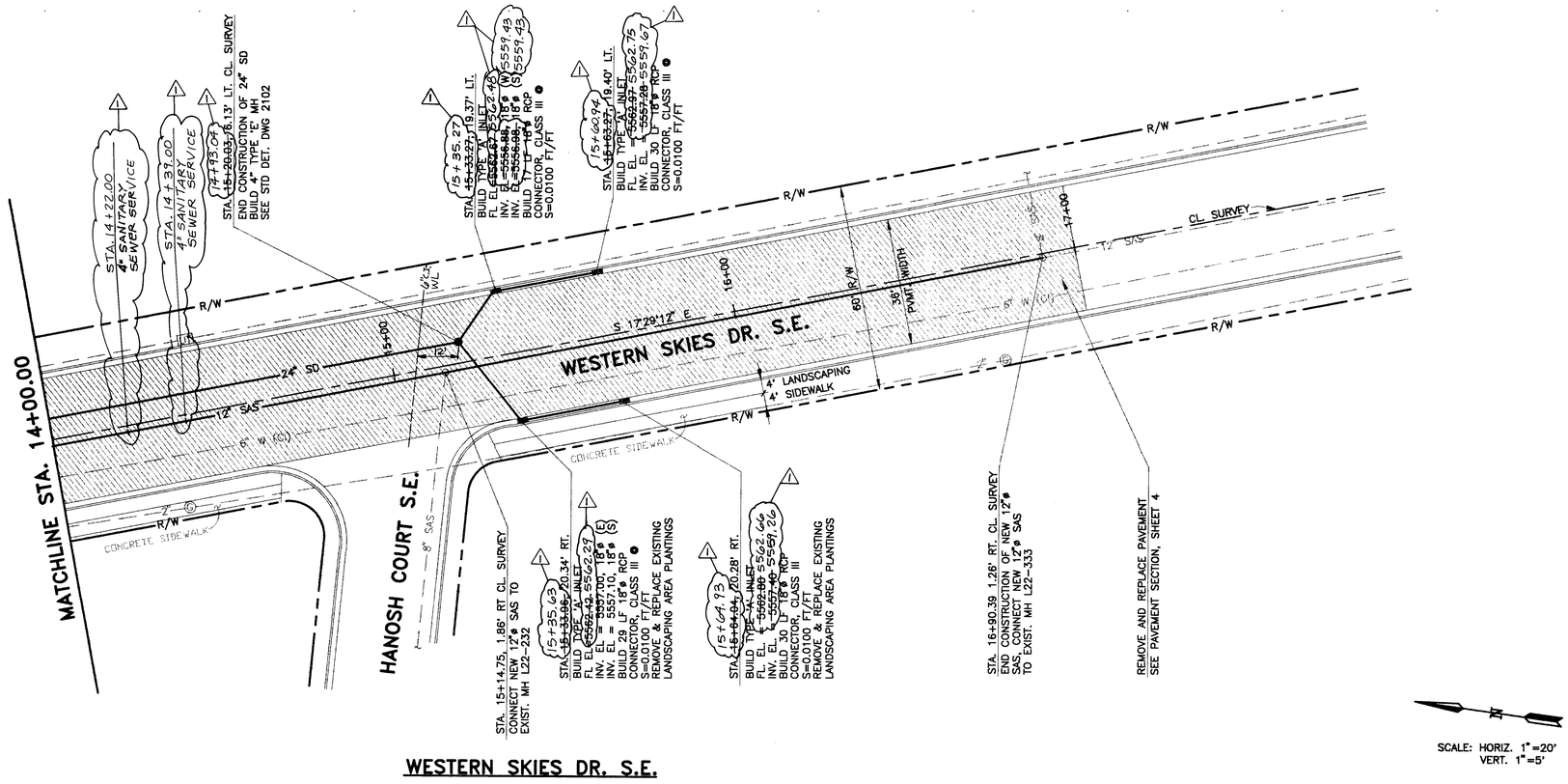
TITLE: **WESTERN SKIES PLAN & PROFILE STA.9+80.12 TO STA. 14+00**

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN			WATER		
TRANSPORTATION	B.J.G.	2/28/95	WASTE WATER		
HYDROLOGY					

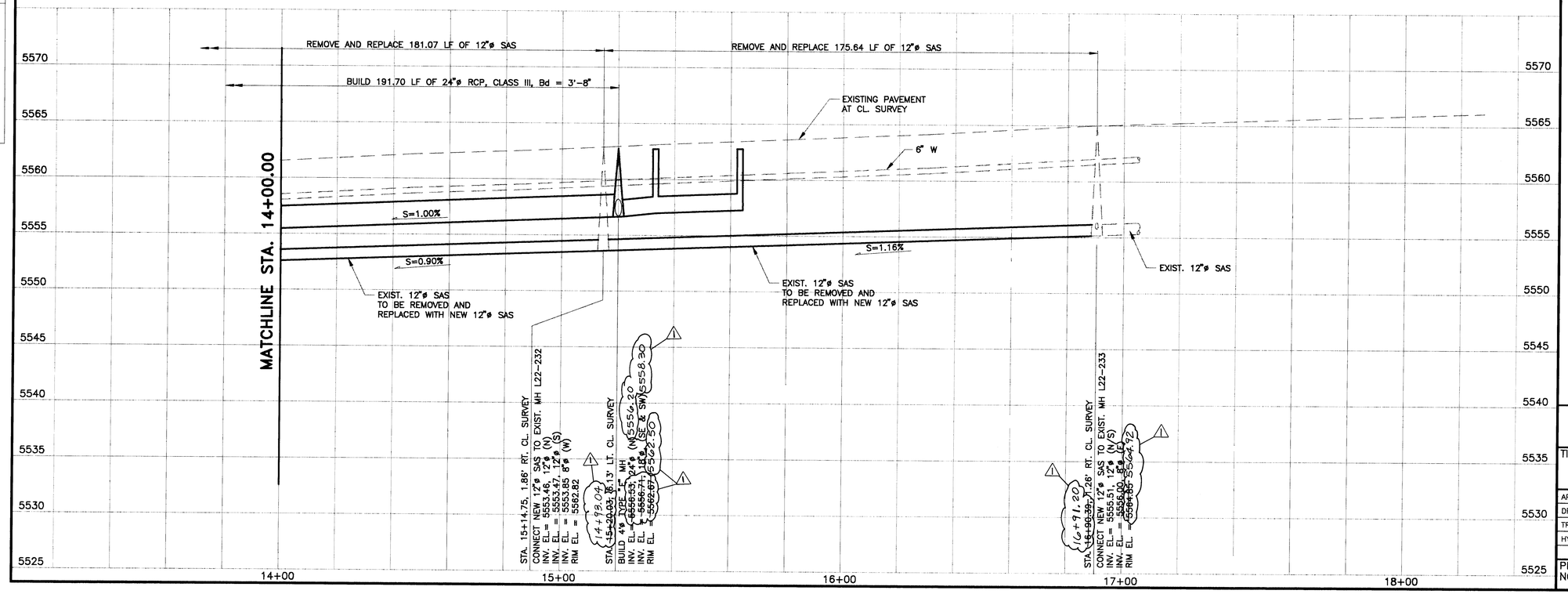
PROJECT NO.	MAP NO.	SHEET	OF
4830.90	L-22	2	6

PLOT DATE 12/07/95 09:45
OPERATOR AL/DS/CAM
PLOT SCALE 1=20
FILE SPECIFICATION D:\WSKIES\SHEET2

SCANNED BY
BY LASON



WESTERN SKIES DR. S.E.



GENERAL NOTES:

1. NO HYDROLOGY WAS PERFORMED FOR THIS DESIGN, THEREFORE THE STORM DRAIN CAPACITY AND HYDRAULIC GRADELINE HAVE BEEN OMITTED. EXISTING DOWNSTREAM SYSTEM IN CENTRAL AVE. IS LIMITED, NUMBER OF CATCH BASINS AND PIPE SIZES AS DIRECTED BY THE CITY.
2. PAVEMENT REMOVAL AND REPLACEMENT SHALL BE IN ACCORDANCE WITH THE PAVEMENT REPLACEMENT SECTION, SHEET 4.
3. CONTRACTOR SHALL BY PASS FLOW MH TO MH, REMOVE EXIST. 12"ø SAS, AND REPLACE WITH NEW 12"ø SAS AT SAME GRADE. SANITARY SEWER SERVICE RECONNECTIONS SHALL BE PER STD. SPEC. SEC. 905.
4. A CCTV INSPECTION WAS PERFORMED IN MARCH 1993 FOR THE SEGMENT OF 12" SAS FROM MANHOLE L22-136 TO MANHOLE L22-231. NO CCTV INSPECTION WAS PERFORMED ON THE 12" SAS BETWEEN MANHOLE L22-231 AND MANHOLE L22-333. CONTRACTOR SHALL VERIFY AND RECONNECT ALL THE SAS SERVICE LINES ON THE 12" SAS SCHEDULED TO BE REPLACED.
5. STATIONING FOR SAS & SD REFER TO CENTERLINE SURVEY STATIONING, NOT PIPE STATIONING. PROFILE BUILD LENGTHS ARE ACTUAL PIPE LENGTHS.

AS BUILT INFORMATION

CONTRACTOR
WORK STAKED BY
INSPECTOR'S ACCEPTANCE BY
FIELD VERIFICATION BY
DRAWINGS CORRECTED BY

MICRO-FILM INFORMATION
RECORDED BY
DATE
NO.

BENCH MARKS

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SURVEY INFORMATION
FIELD NOTES

NO.	DATE

ENGINEERS SEAL

WAYNE WESTY NEW MEXICO 7016 REGISTERED PROFESSIONAL ENGINEER

NO.	DATE	REMARKS
1	8/8/96	AS CONSTRUCTED

REVISIONS

		DATE
DESIGN		
DESIGNED BY	KWW	DATE 9-95
DRAWN BY	MWM	DATE 9-95
CHECKED BY	KWW	DATE 9-95

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CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

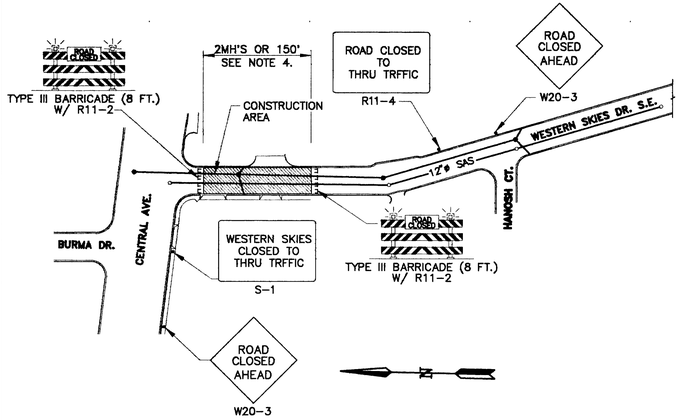
TITLE: **WESTERN SKIES DRIVE PLAN & PROFILE STA. 14+00 TO STA. 16+90.39**

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN			WATER		
TRANSPORTATION		95	WASTE WATER		
HYDROLOGY					

PROJECT NO.	MAP NO.	SHEET	OF
4830.90	L-22	3	6

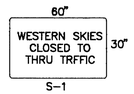
FILE SPECIFICATION	PLOT SCALE	OPERATOR	PLOT DATE
D:\WSKIES\SHEET3	1=20	AL/DS/CMM	12/06/95 14:39

SCANNED BY BY LASON



WESTERN SKIES DRIVE TRAFFIC CONTROL PLAN

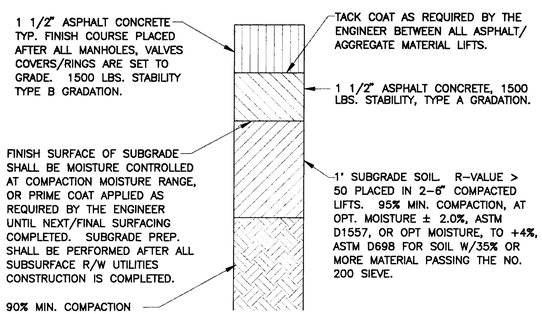
SCALE: 1" = 100'



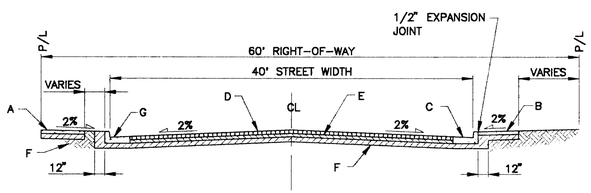
SPECIAL SIGN FACE DETAILS

WESTERN SKIES DRIVE CONSTRUCTION TRAFFIC CONTROL GENERAL NOTES:

1. THREE (3) WORKING DAYS PRIOR TO COMMENCING CONSTR., THE CONTRACTOR SHALL PREPARE AND SUBMIT TO THE CONSTR. COORDINATION DIVISION A DETAILED CONSTR. SCHEDULE. REFER TO SECTION 19 OF THE SPECIFICATIONS.
2. THREE (3) WORKING DAYS PRIOR TO THE COMMENCEMENT OF EACH PHASE OF CONSTRUCTION, THE CONTRACTOR SHALL OBTAIN A BARRICADING PERMIT FOR THE NEXT PHASE FROM THE CONSTRUCTION COORDINATION DIVISION.
3. CONTRACTOR SHALL DISTRIBUTE NOTICES TO ALL APARTMENT RESIDENCES ALONG WESTERN SKIES DRIVE THAT WILL BE AFFECTED BY THE CONSTRUCTION. NOTICES SHALL INFORM RESIDENTS ABOUT ANTICIPATED DURATION OF THE CONSTRUCTION AND ALTERNATE ROUTES TO BE USED DURING CONSTRUCTION. CONSTRUCTION NOTIFICATION REQUIREMENTS SHALL BE CONSIDERED INCIDENTAL TO THE BID AND INCLUDED INTO THE APPROPRIATE BID ITEMS.
4. WESTERN SKIES DR. MAY BE CLOSED (I.E. FULL STREET CLOSURE) FOR A MAXIMUM OF 150 LF AT A TIME OR THE DISTANCE BETWEEN TWO CONSECUTIVE MANHOLES, WHICHEVER IS GREATER, IN ORDER TO INSTALL THE REQUIRED STORM DRAIN AND SANITARY SEWER LINES.
5. THE CONTRACTORS OPERATIONS MAY MOVE AHEAD ONLY IF THE PREVIOUS SECTION OF ROADWAY IN THAT WORK ZONE IS IN THE PROCESS OF BEING PAVED. AT NO TIME SHALL THERE BE MORE THAN 300 LF OF BACKFILL WITHOUT AN "ALL-WEATHER" SURFACE BEHIND OR IN ADVANCE OF THE PIPE INSTALLATION IN A GIVEN WORK ZONE. A MAXIMUM OF TWO WORK ZONES WILL BE ALLOWED WITH PRIOR APPROVAL FROM THE ENGINEER.



WESTERN SKIES DR. PAVEMENT SECTION



GENERAL NOTES:

1. CROWN ON STREET SHALL BE AS FOLLOWS:
   a. 32' STREET = 4"
   b. 40' STREET = 5"
   c. LESS THAN 32' STREET, PVMT. SLOPE = 2%
2. ALL SUBGRADE COMPACTION FOR CURB & GUTTER WILL EXTEND 12" MIN. ON EITHER SIDE OF CURB & GUTTER OR CURB SECTION.
3. SUBGRADE PREPARATION UNDER SIDEWALK AND DRIVEPADS SHALL BE INCLUDED WITH THE PARTICULAR ITEM.
4. FINISH GRADE AT PROPERTY LINE SHALL BE 0.33' MIN. ABOVE TOP OF CURB.
5. ALL ASPHALT CONCRETE PAVEMENT SHALL COMPLY WITH SECTION 116.
6. ALL PORTLAND CEMENT CONCRETE PAVEMENT SHALL COMPLY WITH SECTION 101.
7. RESIDENTIAL PAVEMENT SECTION APPLICABLE TO RESIDENTIAL STREETS SERVING 50 LOTS OR LESS UNLESS AUTHORIZED BY THE CITY ENGINEER. STREETS SERVING MORE THAN 50 LOTS SHALL BE DESIGNED AS ARTERIAL/COLLECTOR STREETS IN ACCORDANCE WITH COA DPM. VOL. 2, SEC. 23, STREET DESIGN.

CONSTRUCTION NOTES:

A. SIDEWALK AT STANDARD SETBACK.
B. SIDEWALK ADJACENT TO CURB. (NON STANDARD, VARIANCE REQUIRED).
C. STANDARD CURB & GUTTER.
D. A.C. OR P.C.C. PAVEMENT.
E. COMPACTED SUBGRADE, 95% COMPACTION.
F. COMPACTED SUBGRADE, 90% COMPACTION.
G. CURB & GUTTER TO REMAIN UNLESS OTHERWISE SPECIFIED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE CAUSED DURING CONSTRUCTION TO CURB & GUTTER NOT INDICATED FOR REPLACEMENT. CONTRACTOR SHALL REPAIR OR REPLACE SAME AT HIS OWN EXPENSE.

WESTERN SKIES DRIVE

LEGEND

- CONSTRUCTION AREA
- TYPE III BARRICADE
- CONSTRUCTION WARNING SIGN

GENERAL NOTES:

1. ACCESS FOR APARTMENT RESIDENTS ON WESTERN SKIES DR. SHALL BE TO THE SOUTH VIA SINGING ARROW AVE.
2. CENTRAL AVENUE PAVEMENT REPLACEMENT SHALL MATCH EXISTING SECTION PLUS 2" AC PAVEMENT. SEE COA STD. DWG. 2465.

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
16 48 31 90 97

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INSPECTOR'S ACCEPTANCE BY
FIELD VERIFICATION BY
DRAWINGS CORRECTED BY
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS

SURVEY INFORMATION
FIELD NOTES
NO. DATE

ENGINEERS SEAL
J. WAYNE MELOY
NEW MEXICO
6514
REGISTERED PROFESSIONAL ENGINEER

NO.	DATE	REMARKS	DATE
		REVISIONS	
		DESIGN	
		DESIGNED BY KWW	DATE 9-95
		DRAWN BY MWM	DATE 9-95
		CHECKED BY KWW	DATE 9-95

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: **MISCELLANEOUS DETAILS & TRAFFIC CONTROL PLAN – WESTERN SKIES**

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN			WATER		
TRANSPORTATION			WASTE WATER		
HYDROLOGY					

PROJECT NO.	MAP NO.	SHEET	OF
4830.90	L-22	4	6

PLOT DATE 12/06/95 15:12
OPERATOR AL38/CAM
PLOT SCALE 1=50
FILE SPECIFICATION D:\WSKIES\SHEET5

SCANNED BY LASON

CONSTRUCTION TRAFFIC CONTROL GENERAL NOTES

1. CONTRACTOR MUST OBTAIN FROM CONSTRUCTION COORDINATION AN EXCAVATION/BARRICADING PERMIT BEFORE ENGAGING IN ANY CONSTRUCTION, MAINTENANCE OR REPAIR WORK IN ANY OF THE CITY OF ALBUQUERQUE'S RIGHTS-OF-WAY. EMERGENCY WORK THAT WOULD PRESERVE LIFE OR PROPERTY IS EXCLUDED WITH THE UNDERSTANDING, THAT A PERMIT SHALL BE OBTAINED WITHIN 24 TO 48 HOURS.

2. CONTRACTOR SHALL AT THE TIME OF PERMIT REQUEST, SUBMIT FOR APPROVAL BY CONSTRUCTION COORDINATION, A TRAFFIC CONTROL PLAN DETAILING ALL EXISTING TOPOGRAPHY SUCH AS LANE WIDTHS, DRIVEWAYS, AND BUSINESS/RESIDENTIAL ACCESSES. THE TRAFFIC CONTROL PLAN SHALL INCLUDE ALL PHASES OF WORK AND SCHEDULES INVOLVED IN THE CONSTRUCTION PROJECT. ANY SEPARATE PHASES OF A CONSTRUCTION PROJECT SHALL BE GIVEN AN INDIVIDUAL PERMIT EACH. BLANKET PERMITS WILL NOT BE ISSUED.

3. THESE TYPICAL TRAFFIC CONTROL PLANS DO NOT REFLECT THE EXISTING TOPOGRAPHY SUCH AS DRIVEWAYS, LANE WIDTHS, AND BUSINESS/RESIDENTIAL ACCESSES. EVERY LOCATION THAT REQUIRES CONSTRUCTION TRAFFIC CONTROL SHALL HAVE A DETAILED TRAFFIC CONTROL PLAN SHOWING ALL EXISTING TOPOGRAPHY.

4. CONSTRUCTION SHALL NOT BEGIN UNLESS A TRAFFIC CONTROL PLAN HAS BEEN APPROVED AND VERIFIED BY CONSTRUCTION COORDINATION.

5. CONSTRUCTION COORDINATION SHALL BE NOTIFIED 48 HOURS PRIOR TO ANY TRAFFIC CONTROL CHANGES NEEDED BY CONTRACTOR, THAT WERE NOT PREVIOUSLY APPROVED. THESE TRAFFIC CONTROL CHANGES SHALL BE REQUESTED IN WRITING ACCOMPANIED WITH A TRAFFIC CONTROL PLAN REFLECTING SUCH CHANGES.

6. ALL CONSTRUCTION TRAFFIC CONTROL DEVICES SHALL COMPLY TO THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), LATEST EDITION. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO INSTALL, SERVICE AND MAINTAIN ALL TRAFFIC CONTROL DEVICES. TRAFFIC CONTROL DEVICES SHALL NOT BE REMOVED OR ALTERED IN ANY WAY WITHOUT THE APPROVAL OF CONSTRUCTION COORDINATION, PER SECTION 6A-4 OF THE MUTCD, LATEST EDITION.

7. THE CONSTRUCTION TRAFFIC CONTROL INITIAL SET-UP SHALL BE BY AN AMERICAN TRAFFIC SAFETY SERVICES ASSOCIATION (ATSSA) CERTIFIED **WORKSITE TRAFFIC SUPERVISOR. THE MAINTENANCE AND SERVICING SHALL** ALSO BE DONE BY AN ATSSA CERTIFIED WORKSITE TRAFFIC SUPERVISOR OR EQUIVALENT.

8. CONTRACTOR IS RESPONSIBLE TO MAINTAIN AND SERVICE ALL TRAFFIC CONTROL DEVICES 24 HOURS A DAY, 7 DAYS A WEEK THROUGHOUT LENGTH OF PROJECT. CONTRACTOR IS RESPONSIBLE THAT ALL TRAFFIC CONTROL DEVICES COMPLY WITH THE MUTCD, LATEST EDITION.

9. ALL ADVANCE WARNING SIGNS SHALL BE DOUBLE INDICATED WHENEVER THERE ARE MULTI-LANE TRAFFIC IN ANY ONE GIVEN DIRECTION AND THERE IS SUFFICIENT MEDIAN SPACE.

10. ALL BARRICADES IN ALL TAPERS AND TANGENTS SHALL BE PLACED APART, A DISTANCE MEASURED IN FEET, EQUAL TO THAT OF THE POSTED SPEED LIMIT. NO EXCEPTIONS UNLESS APPROVED BY CONSTRUCTION COORDINATION PER MUTCD SECTION 6A-4.

11. CONTRACTOR SHALL NOT BEGIN WORK BEFORE 8:30 A.M. OR END WORK AFTER 4:00 P.M. WITHOUT THE APPROVAL OF CONSTRUCTION COORDINATION.

12. CONTRACTOR IS RESPONSIBLE TO PROVIDE CONSTRUCTION COORDINATION, A WEEKLY LOG OF DAILY INSPECTIONS OF BARRICADE AND MAINTENANCE SCHEDULES ON PROJECTS THAT ARE OVER ONE WEEK DURATION.

13. EQUIPMENT OR MATERIALS SHALL NOT BE STORED WITHIN 15 FEET OF A TRAVELLED TRAFFIC LANE DURING NON-WORKING HOURS WITHOUT THE APPROVAL OF CONSTRUCTION COORDINATION.

14. CONTRACTOR SHALL PROVIDE AND MAINTAIN A SAFE AND ADEQUATE MEANS OF CHANNELIZING PEDESTRIAN TRAFFIC AROUND AND THROUGH THE CONSTRUCTION AREA.

15. CONTRACTOR IS RESPONSIBLE FOR OBLITERATION OF ANY CONFLICTING STRIPING AND RESPONSIBLE FOR ALL TEMPORARY STRIPING.

16. CONTRACTOR SHALL MAINTAIN ACCESS TO ALL FACILITIES, BUSINESSES AND/OR RESIDENTS AT ALL TIMES.

17. CONTRACTOR SHALL PROVIDE ACCESS SIGNS FOR BUSINESSES LOCATED WITHIN THE CONSTRUCTION AREA UNDER THE SUPERVISION OF CONSTRUCTION COORDINATION. EACH ACCESS SIGN SHALL HAVE 5 INCH, WHITE OPAQUE LETTERING ON BLUE REFLECTORIZED BACKGROUND. ACCESS SIGNS SHALL BE CONSIDERED INCIDENTAL TO THE BID AND NOT PART OF THE CONTRACT UNLESS OTHERWISE STATED. NO MORE THAN 3 BUSINESSES SHALL BE LISTED ON A ACCESS SIGN. SHOPPING CENTERS AND MALLS SHALL BE LISTED AS SUCH.

18. ALL ADVANCE WARNING SIGNS SHALL MEET THE MINIMUM REFLECTIVE INTENSITY REQUIREMENTS SET FORTH BY THE CITY OF ALBUQUERQUE. CONSTRUCTION COORDINATION SHALL DETERMINE ALL REQUIREMENTS AND APPROVE OR DISAPPROVE ANY ADVANCE WARNING SIGN PER SECTION 6A-4 OF THE MUTCD, LATEST EDITION.

19. 24 HOURS PRIOR TO OCCUPYING OR CLOSING OF A RIGHT-OF-WAY, CONTRACTOR SHALL NOTIFY: POLICE, FIRE DEPARTMENT, SCHOOLS, HOSPITALS, TRANSIT AUTHORITY, BUSINESSES AND/OR RESIDENTS THAT WILL BE AFFECTED BY THE CONSTRUCTION.

20. ANY FIELD ADJUSTMENTS SHALL BE APPROVED BY CONSTRUCTION COORDINATION.

21. EXCAVATIONS SHALL BE PLATED, TEMPORARILY PATCHED OR RESURFACED PRIOR TO OPENING OF TRAFFIC. A MINIMUM OF 11 FEET SHALL BE PROVIDED FOR TRAFFIC IN ANY GIVEN DIRECTION. CONTRACTOR IS RESPONSIBLE FOR ANY WORK INVOLVED IN SATISFYING THESE REQUIREMENTS.

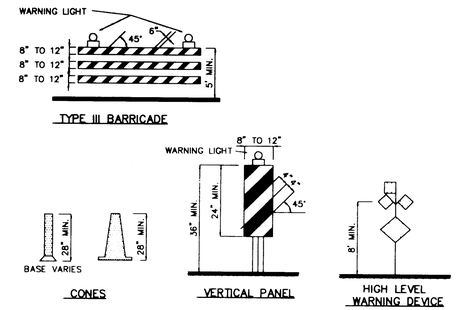
22. CONTRACTOR SHALL AT ALL TIMES COMPLY WITH THE FOLLOWING:
    1. STANDARDS AND REQUIREMENTS SET FORTH IN THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, LATEST EDITION.
    2. THE CITY OF ALBUQUERQUE TRAFFIC CODE, LATEST EDITION.
    3. SECTION 19 OF THE CITY OF ALBUQUERQUE'S STANDARD SPECIFICATIONS FOR PUBLIC WORK CONSTRUCTION, AS WELL AS OTHER SECTIONS.

23. FAILURE TO COMPLY WITH ANY OF THE ABOVE MENTIONED, WILL BE ADEQUATE CAUSE TO CEASE ALL WORK ON ANY CONSTRUCTION PROJECT. WORK WILL NOT RESUME UNTIL ALL REQUIREMENTS ARE ADDRESSED AND APPROVED BY CONSTRUCTION COORDINATION.

24. ALL TRAFFIC CONTROL DEVICES SHALL BE KEPT IN NEW-CLEAN CONDITION. WASHING OF EQUIPMENT IS INCIDENTAL TO IT'S PLACEMENT AND MAINTENANCE.

25. TRAFFIC CONTROL STANDARDS APPLY ONLY WHERE THE CONSTRUCTION TRAFFIC CONTROL PLANS ARE NOT SPECIFIC.

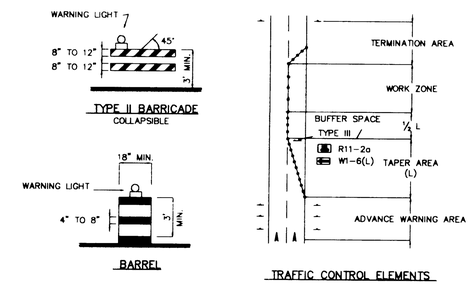
PROJECT CONSTRUCTION TRAFFIC CONTROL GENERAL NOTES



LEGEND

- WORK AREA
- BARRICADE – TYPE I, TYPE II, OR BARREL
- BARRICADE – TYPE III
- x VERTICAL PANEL
- WARNING SIGN
- D DISTANCE BETWEEN SIGNS – A DISTANCE MEASURED IN FEET EQUAL TO A VALUE OF TEN TIMES THE SPEED LIMIT OF THE STREET
- FLAGMAN POSITION
- S SPACING BETWEEN BARRICADES– A DISTANCE MEASURED IN FEET EQUAL TO THE SPEED LIMIT OF THE STREET
- L TAPER LENGTH – SEE CHART BELOW

THE TANGENT LENGTH IS EQUAL TO THE TAPER LENGTH FOR A GIVEN STREET.



TAPER REQUIREMENTS

SPEED LIMIT (MPH)	TAPER LENGTH (FEET)			MINIMUM NUMBER OF DEVICES FOR TAPER	MAXIMUM DEVICE SPACING IN FEET	
	10' LANE	11' LANE	12' LANE		ALONG TAPER	AFTER TAPER
20	70	75	80	5	20	20
25	105	115	125	6	25	25
30	150	165	180	7	30	30
35	205	225	245	8	35	35
40	270	295	320	9	40	40
45	450	495	540	13	45	45
50	500	550	600	13	50	50
55	550	605	660	13	55	55

RECOMMENDED SIGN SPACING FOR ADVANCE WARNING SIGN SERIES

SPEED MILES PER HOUR	MINIMUM DISTANCE IN FEET BETWEEN SIGNS	FROM LAST SIGN TO TAPER
0-20	10 X SPEED LIMIT	10 X SPEED LIMIT
25-30	10 X SPEED LIMIT	10 X SPEED LIMIT
30-35	10 X SPEED LIMIT	10 X SPEED LIMIT
40-45	10 X SPEED LIMIT	10 X SPEED LIMIT
50-60	10 X SPEED LIMIT	10 X SPEED LIMIT

TAPER CRITERIA

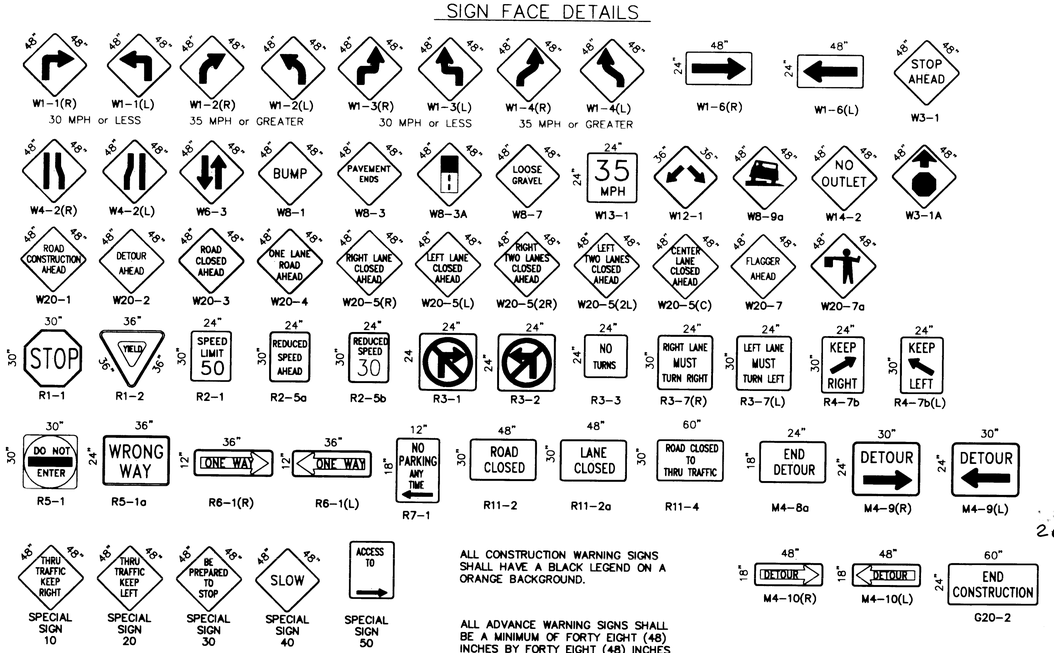
TYPE OF TAPER	TAPER LENGTH
UPSTREAM TAPER:	
MERGING TAPER	L MINIMUM
SHIFTING TAPER	½ L MINIMUM
SHOULDER TAPER	⅓ L MINIMUM
TWO-WAY TRAFFIC TAPER	100 FEET MAXIMUM
DOWNSTREAM TAPERS	100 FEET PER LANE

TAPER LENGTH COMPUTATION

SPEED LIMIT	
40 MPH OR LESS	$L = \frac{WS^2}{60}$
45 MPH OR GREATER	$L = W \times S$

L = TAPER LENGTH
W = WIDTH OF OFFSET IN FEET
S = POSTED SPEED OR OFF-PEAK 85-PERCENTILE SPEED IN MPH

SIGN FACE DETAILS



ALL CONSTRUCTION WARNING SIGNS SHALL HAVE A BLACK LEGEND ON A ORANGE BACKGROUND.

ALL ADVANCE WARNING SIGNS SHALL BE A MINIMUM OF FORTY EIGHT (48) INCHES BY FORTY EIGHT (48) INCHES IN SIZE AND SHALL HAVE ONE WARNING LIGHT.

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
2 6 - 4 8 3 0 . 9 0 1 0 5 9 7

AS BUILT INFORMATION — CONTRACTOR / WORK STAKED BY / INSPECTOR'S ACCEPTANCE BY / FIELD VERIFICATION BY / DRAWINGS CORRECTED BY — DATE
MICRO-FILM INFORMATION — RECORDED BY / NO. — DATE

BENCH MARKS

SURVEY INFORMATION — FIELD NOTES — NO. / BY / DATE

ENGINEER'S SEAL

NO.	DATE	REMARKS	BY
		REVISIONS	

DESIGN
DESIGNED BY RICARDO ROYBAL P.E. DATE AUG. 1992
DRAWN BY CADD.- A.F.V. DATE AUG. 1992
CHECKED BY DATE

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

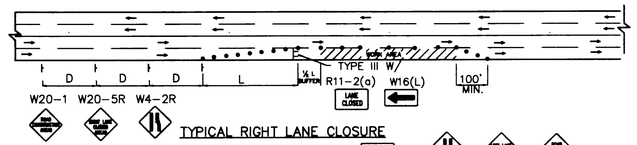
TITLE: **WESTERN SKIES**
SIGNING AND CONSTRUCTION TRAFFIC CONTROL STANDARDS

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN			WATER		
TRANSPORTATION			WASTE WATER		
HYDROLOGY					

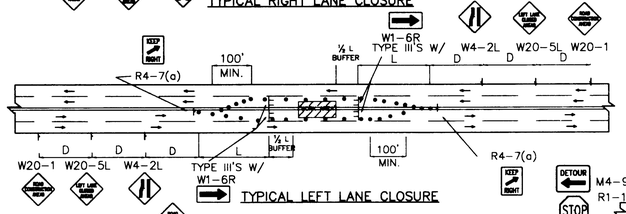
PROJECT NO.	MAP NO.	SHEET	OF
4830.90	L-22	5	6

08-11-92
CTCSTD1.DWG (1=1')

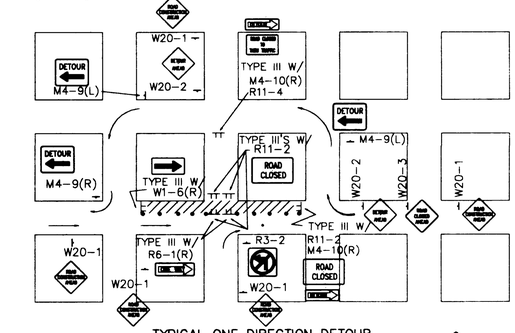
SCANNED BY
BY LASON



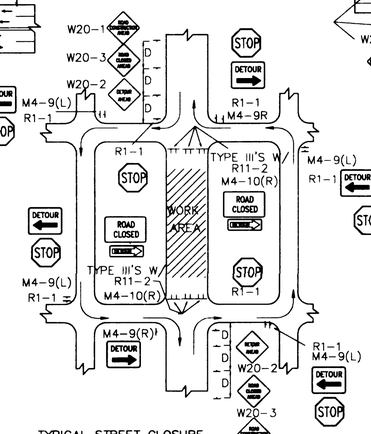
TYPICAL RIGHT LANE CLOSURE



TYPICAL LEFT LANE CLOSURE



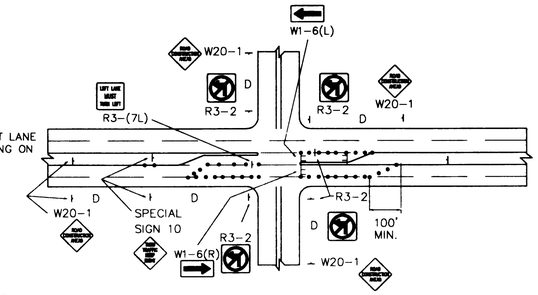
TYPICAL ONE DIRECTION DETOUR



TYPICAL STREET CLOSURE

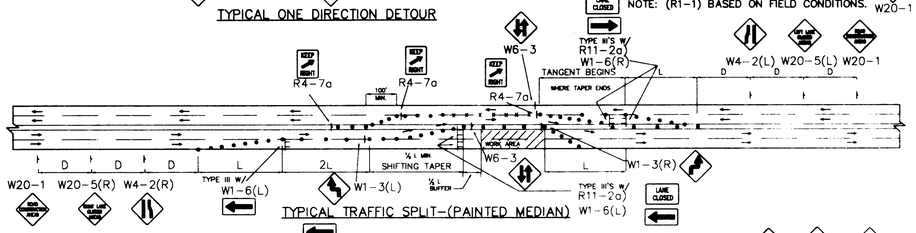
NOTE: (R1-1) BASED ON FIELD CONDITIONS.

NOTE:
MAY REQUIRE LEFT LANE CLOSURE DEPENDING ON FIELD CONDITIONS.

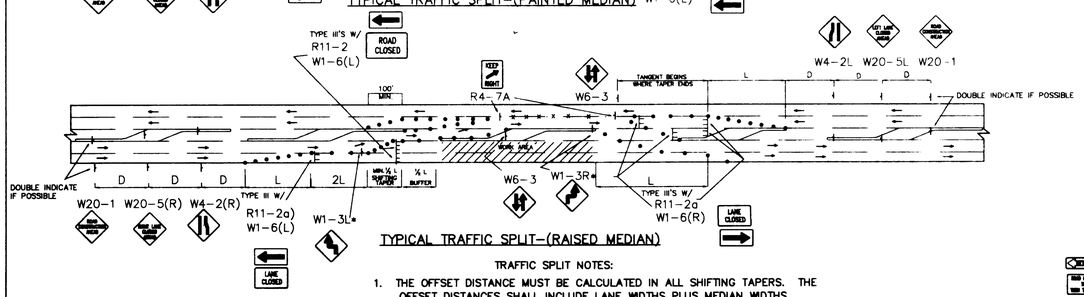


TYPICAL LANE CLOSURE AT INTERSECTION

NOTE: DEPENDING ON WORK ZONE LOCATION



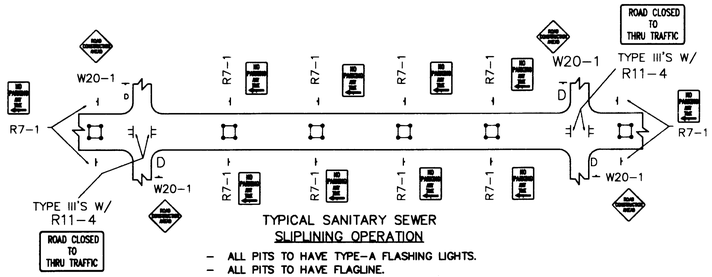
TYPICAL TRAFFIC SPLIT-(PAINTED MEDIAN)



TYPICAL TRAFFIC SPLIT-(RAISED MEDIAN)

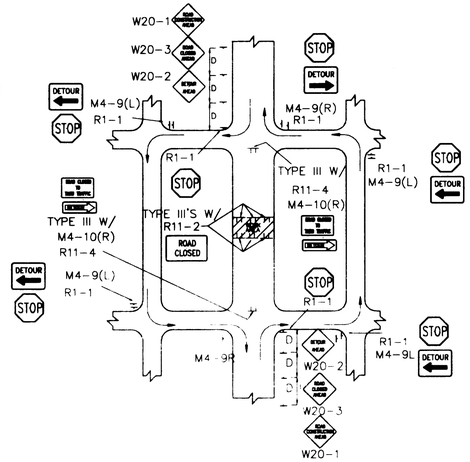
TRAFFIC SPLIT NOTES:

1. THE OFFSET DISTANCE MUST BE CALCULATED IN ALL SHIFTING TAPERS. THE OFFSET DISTANCES SHALL INCLUDE LANE WIDTHS PLUS MEDIAN WIDTHS.
2. ½ L IS MINIMUM DISTANCE FOR SHIFTING TAPERS.
3. REVERSE CURVES MAY BE IMPLEMENTED. ALL CURVE DATA SHALL BE CALCULATED.
4. MEDIAN REMOVAL SHALL BE REQUIRED IF ½ L OR REVERSE CURVE IS NOT SUFFICIENT. MEDIAN REMOVAL SHALL TAKE PLACE BEFORE SPLITS.
5. REDUCED SPEED MAY BE CONSIDERED.
6. * USE 1-3 FOR 30 MPH OR LESS, W1-4 FOR SPEED 35 MPH OR GREATER.



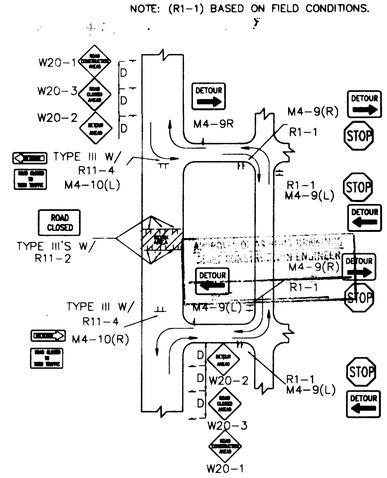
TYPICAL SANITARY SEWER SLIPLINING OPERATION

- ALL PITS TO HAVE TYPE-A FLASHING LIGHTS.
- ALL PITS TO HAVE FLAGLINE.



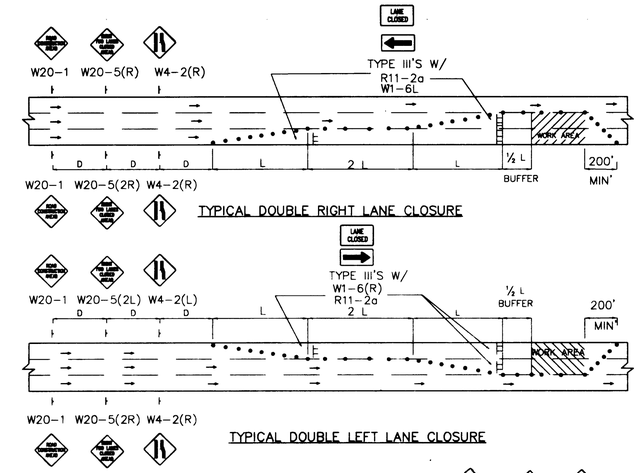
TYPICAL MID-BLOCK CLOSURE

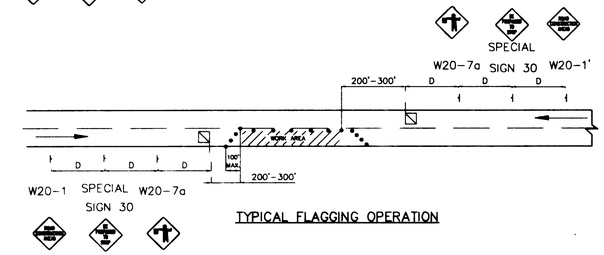
NOTE: (R1-1) BASED ON FIELD CONDITIONS.



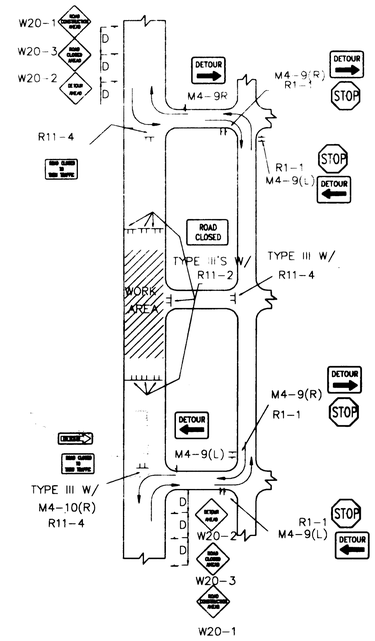
TYPICAL STREET CLOSURE

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



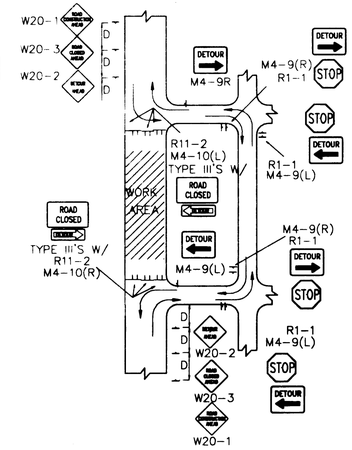


TYPICAL FLAGGING OPERATION



TYPICAL STREET CLOSURE

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



TYPICAL STREET CLOSURE

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

AS BUILT INFORMATION

CONTRACTOR DATE
WORK STAKED BY DATE
INSPECTOR'S ACCEPTANCE BY DATE
FIELD VERIFICATION BY DATE
DRAWINGS CORRECTED BY DATE

MICRO-FILM INFORMATION

RECORDED BY DATE
NO.

BENCH MARKS

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL

NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	

DESIGNED BY RICARDO ROYBAL, P.E. DATE NOV. 1991
DRAWN BY C.A.D.D./W.L.B./A.F.V. DATE NOV. 1991
CHECKED BY DATE

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: **WESTERN SKIES**

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

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN			WATER		
TRANSPORTATION			WASTE WATER		
HYDROLOGY					

PROJECT NO.	MAP NO.	SHEET	OF
4830.90	L-22	6	6

26-4830.90 06 97

08-13-92
CTCST02.DWG

SCANNED BY
BY LASON