RECORD DRAWING

# PARKWEST SUBDIVISION- UNIT 5

## CITY OF ALBUQUERQUE, BERNALILLO COUNTY, NEW MEXICO

## IMPROVEMENTS FOR

## GRADING, PAVING AND UTILITIES

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| 38 | OFFSITE UTILITIES (MONUMENT DRIVE N.W.) |
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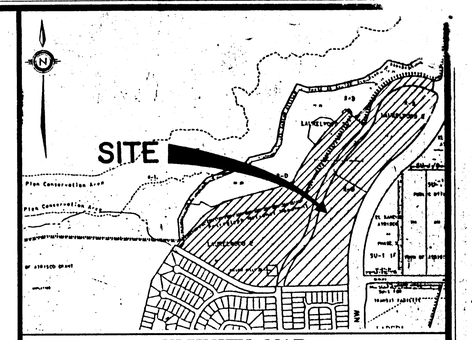



SCALE: 1"= 750 ± **VICINITY MAP** G-9, H-9-Z

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. 5.
2. TWO (2) WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT LINE LOCATING SERVICE, (260-1990) FOR LOCATION OF EXISTING UTILITIES.
3. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL OBSTRUCTIONS AND EXISTING PAVEMENT. SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE ENGINEER OR SURVEYOR SO THAT THE CONFLICT CAN BE RESOLVED WITH MINIMUM AMOUNT OF DELAY.
4. THE CONTRACTOR SHALL FURNISH EMO'S ON ALL WATER AND SEWER SERVICE STUBS. CAPS AND PLUGS.
5. CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER NOT LESS THAN SEVEN (7) DAYS PRIOR TO STARTING WORK IN ORDER THAT THE ENGINEER MAY TAKE NECESSARY MEASURES TO INSURE THE PRESERVATION OF SURVEY MONUMENTS. CONTRACTOR SHALL NOT DISTURB PERMANENT SURVEY MONUMENTS WITHOUT THE CONSENT OF THE ENGINEER AND BEAR THE EXPENSE OF REPLACING ANY THAT MAY BE DISTURBED WITHOUT PERMISSION. REPLACEMENT SHALL BE DONE ONLY BY THE CITY SURVEY SECTION. WHEN A CHANGE IS MADE IN ANY ROADWAY IN WHICH A PERMANENT SURVEY MONUMENT IS LOCATED, CONTRACTOR SHALL, AT HIS OWN EXPENSE, ADJUST THE MONUMENT COVER TO THE NEW GRADE UNLESS OTHERWISE SPECIFIED. REFER TO SECTION 4.4 OF GENERAL CONDITIONS OF THE CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION.
6. RESTRAINED JOINTS ARE REQUIRED AT ALL WATER LINE BENDS, TEES, CAPS AND GATE VALVES.
7. THE PUBLIC WATER LINE MUST BE A MINIMUM OF 18" ABOVE THE SEWER LINE AT ALL CROSSINGS.
8. THE CONTRACTOR SHALL CONTACT WATER SYSTEMS DIVISION (857-8200) THREE (3) WORKING DAYS PRIOR TO NEEDING SHUT-OFF OR TURN-ON OF VALVES. ONLY CITY WATER SYSTEMS PERSONNEL ARE AUTHORIZED TO OPERATE VALVE.
9. THREE (3) WORKING DAYS PRIOR TO BEGINNING CONSTRUCTION, THE CONTRACTOR SHALL SUBMIT TO THE CONSTRUCTION COORDINATION DIVISION A DETAILED CONSTRUCTION SCHEDULE. TWO (2) WORKING DAYS PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL OBTAIN A BARRICADING PERMIT FROM THE CONSTRUCTION COORDINATION DIVISION. CONTRACTOR SHALL NOTIFY BARRICADE ENGINEER (768-2551) PRIOR TO OCCUPYING AN INTERSECTION. SEE SECTION 19 OF THE SPECIFICATIONS.
10. ALL STREET STRIPING ALTERED OR DESTROYED SHALL BE REPLACED IN KIND BY CONTRACTOR TO LOCATION AND IN KIND AS EXISTING OR AS INDICATED BY THIS PLAN SET. ALL NEW STRIPING SHALL BE PLASTIC AS PER CITY STANDARDS.

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.

RECORD DRAWING

"I, Kent M. Whitman, a duly Registered Professional Engineer in the State of New Mexico, (registration number 6170), do hereby certify that this Record Drawing was prepared at my direction and under my supervision, and that it is true and correct to the best of my knowledge and belief. The information contained herein is not based upon construction observation conducted under my supervision, but on interviews with supervisory personnel employed by the General Contractor and interviews with field survey personnel who staked the infrastructure for construction.

KENT M. WHITMAN NEW MEXICO 6170 REGISTERED PROFESSIONAL ENGINEER

Kent M. Whitman 12/3/97
Kent M. Whitman, P.E. No. 6170 Date

10-11-97

26-4886.94 01 77

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

ENGINEER'S SEAL — 5-25-95

DATE: MARCH, 1995
SCALE: AS SHOWN
DESIGNED: S.R.L.
DRAWN: A.M.
JOB NO.: 14326-PRE

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

APPROVED FOR CONSTRUCTION
CITY ENGINEER
DATE

PROJECT NO. 4886.94

SHEET 1 OF 39

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

4326C1.DWG

SCANNED BY BY LASON

VACATION AND REPLAT
FOR
# PARKWEST UNIT 5

COMPRISED OF
TRACT A OF PARKWEST UNIT 1
SITUATE WITHIN
TOWN OF ATRISCO GRANT
"PROJECTED" SECTIONS 4 & 9, T10N, R2E, N.M.P.M.
CITY OF ALBUQUERQUE, BERNALILLO COUNTY, NEW MEXICO
DECEMBER, 1994

*NOTE:*

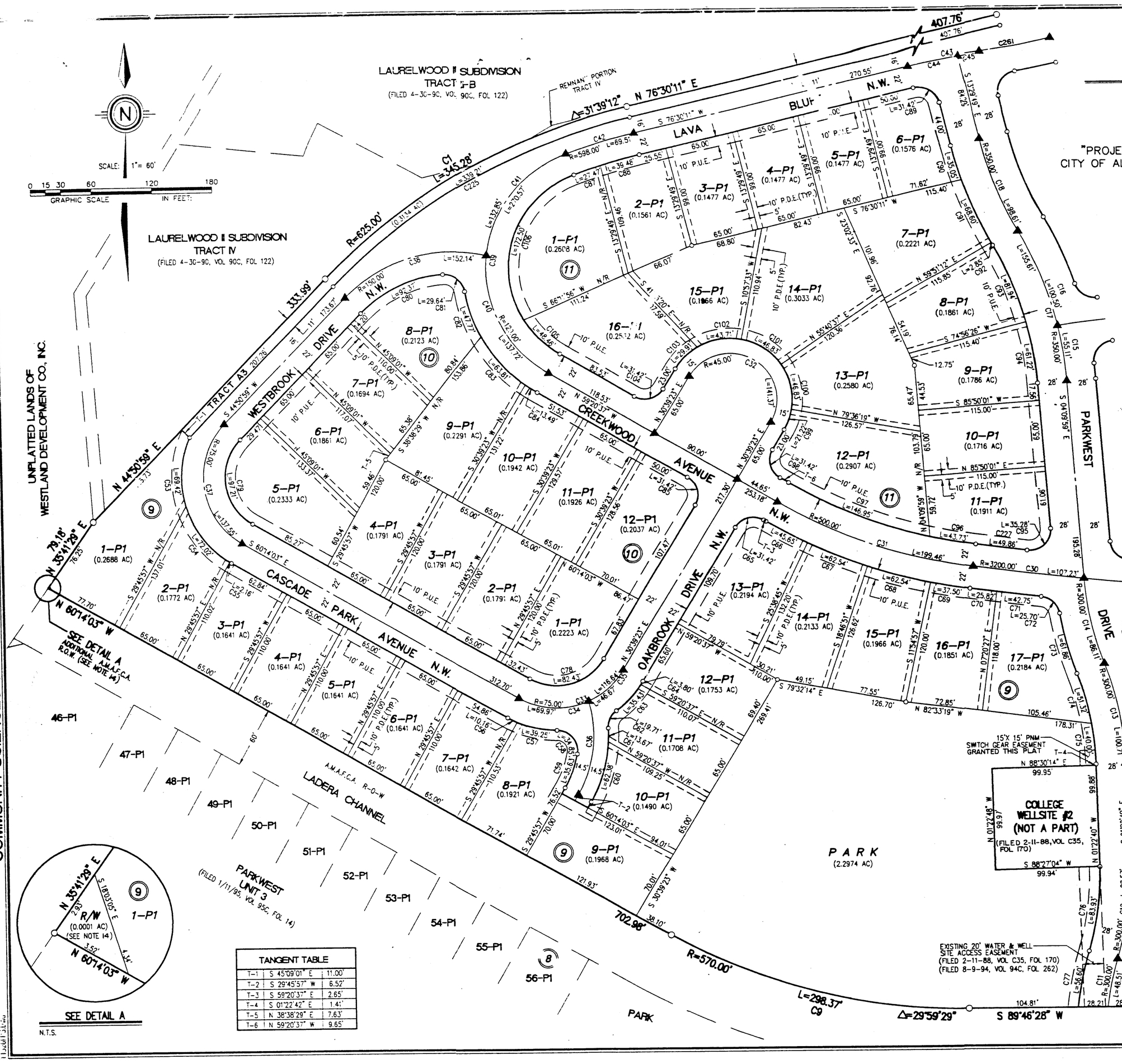
*SEE SHEETS 5 & 6 FOR NOTES*

*SEE SHEET 6 OF 6 FOR CURVE DATA*

LEGEND

| | | |
|---|---|---|
| P.U.E. | PUBLIC UTILITY EASEMENT | — — |
| P.D.E. | PRIVATE DRAINAGE EASEMENT | — — — |
| R.O.W. | RIGHT OF WAY | ═══ |
| AC | ACRES | |

CITY INFRASTRUCTURE AND DRAINAGE REQUIREMENT NOTICE: SEE SHEET 5 OF THIS PLAT FOR REQUIREMENT NOTICE (PERTAINS TO TRACTS A-1 AND A-2 SUBDIVIDED HEREIN.)




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.

2/16/95
DATE

C. A. SPIROCK, N.M.P.S. #4972

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

| TANGENT TABLE | | |
|---|---|---|
| T-1 | S 45°09'01" E | 11.00' |
| T-2 | S 29°45'57" W | 6.52' |
| T-3 | S 59°20'37" E | 2.65' |
| T-4 | S 01°22'42" E | 1.41' |
| T-5 | N 38°38'29" E | 7.63' |
| T-6 | N 59°20'37" W | 9.65' |

SHEET 3 OF 6

| | |
|---|---|
| DATE: | DECEMBER, 1994 |
| SCALE: | 1"= 60' |
| DESIGNED: | S.P.S |
| DRAWN: | D.E.R. |
| JOB NO. | 143-26-025 |

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

SCANNED BY BY LASON

VACATION AND REPLAT
FOR
# PARKWEST UNIT 5

COMPRISED OF
TRACT A OF PARKWEST UNIT 1
SITUATE WITHIN
TOWN OF ATRISCO GRANT
"PROJECTED" SECTIONS 4 & 9, T10N, R2E, N.M.P.M.
CITY OF ALBUQUERQUE, BERNALILLO COUNTY, NEW MEXICO
DECEMBER, 1994

SCALE: 1"= 60'
GRAPHIC SCALE
IN FEET

*NOTE:*
*SEE SHEET 6 OF 6 FOR CURVE DATA*

*SEE SHEETS 5 & 6 FOR NOTES*

CITY INFRASTRUCTURE AND DRAINAGE REQUIREMENT NOTICE: SEE SHEET 5 OF THIS PLAT FOR REQUIREMENT NOTICE. (PERTAINS TO ALL TRACTS SUBDIVIDED HEREIN.)

LEGEND

| | | |
|---|---|---|
| P.U.E. | PUBLIC UTILITY EASEMENT | — — |
| P.D.E. | PRIVATE DRAINAGE EASEMENT | — — — |
| R.O.W. | RIGHT OF WAY | ═══ |
| AC | ACRES | |

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.

3/16/95
DATE

C. A. SPIROCK, N.M.P.S. #4972

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

| TANGENT TABLE | | |
|---|---|---|
| T-7 | N 42°36'14" W | 20.00' |
| T-8 | N 85°52'03" E | 11.03' |
| T-9 | N 8°50'28" E | 11.58' |
| T-10 | S 8°45'36" E | 1.58' |
| T-11 | S 13°22'35" E | 10.28' |
| T-12 | N 3°35'56" W | 15.43' |
| T-13 | S 62°14'50" E | 11.71' |
| | S 27°49'12" E | 30.53' |
| | S 29°45'57" E | 36.84' |
| | | 35.13' |

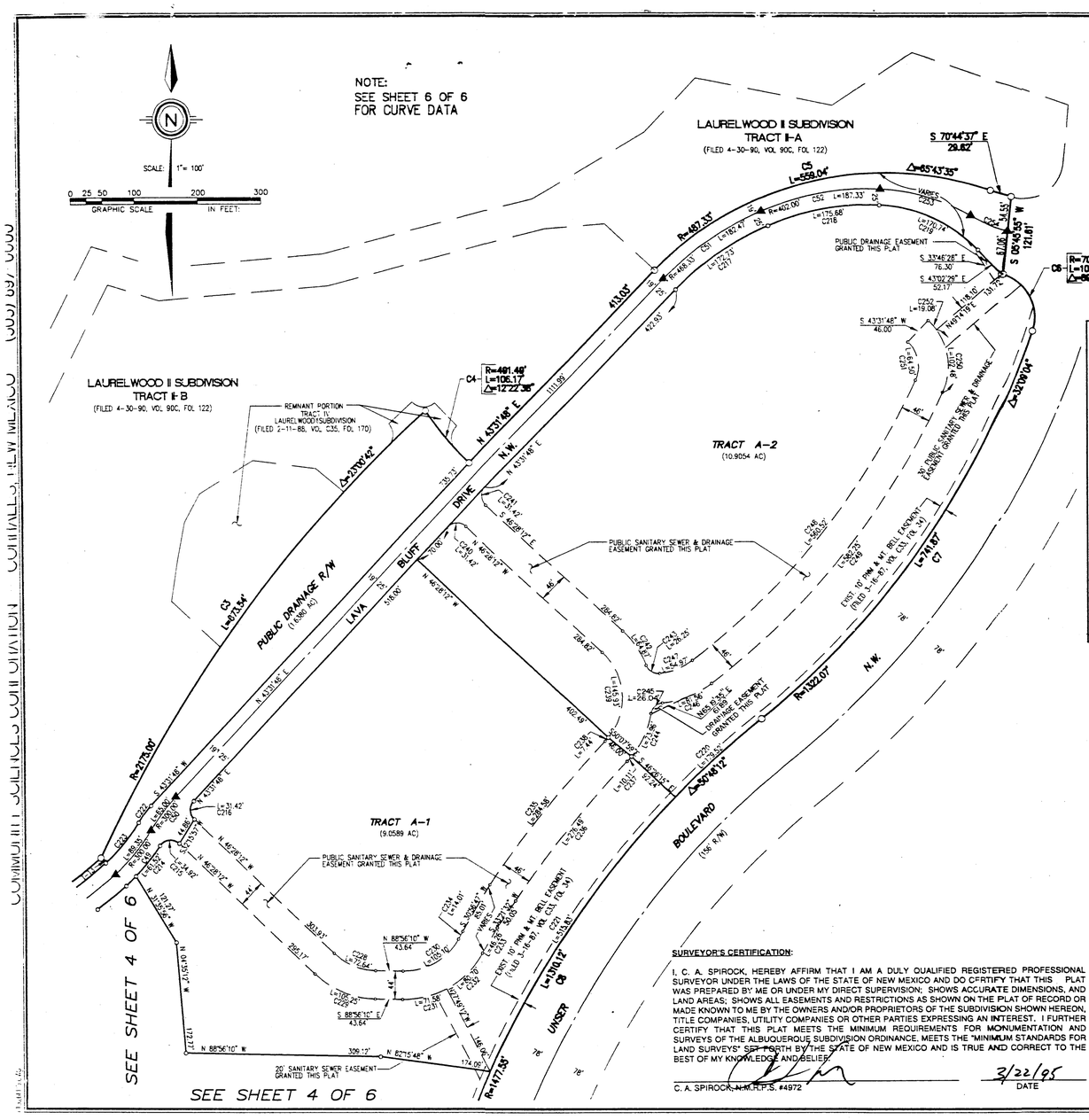
SHEET 4 OF 6

| | |
|---|---|
| DATE: | DECEMBER, 1994 |
| SCALE: | 1"= 60' |
| DESIGNED: | S.P.S |
| DRAWN: | D.E.R. |
| JOB NO. | 143-26-025 |

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

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

SHEET 2 OF 39




VACATION AND REPLAT
FOR
# PARKWEST UNIT 5

COMPRISED OF
TRACT A OF PARKWEST UNIT 1
SITUATE WITHIN
TOWN OF ATRISCO GRANT
"PROJECTED" SECTIONS 4 & 9, T10N, R2E, N.M.P.M.
CITY OF ALBUQUERQUE, BERNALILLO COUNTY, NEW MEXICO
DECEMBER, 1994

## LEGEND

| | | |
|---|---|---|
| P.U.E. | PUBLIC UTILITY EASEMENT | — — |
| P.D.E. | PRIVATE DRAINAGE EASEMENT | — — — |
| AC | ACRES | |

**NOTICE OF SUBDIVISION PLAT CONDITIONS:**

PURSUANT TO SECTION 7 OF THE CITY OF ALBUQUERQUE, NEW MEXICO SUBDIVISION ORDINANCE, A VARIANCE OR WAIVER FROM CERTAIN SUBDIVISION REQUIREMENTS HAS BEEN GRANTED BY THE CITY AND THE ALBUQUERQUE METROPOLITAN ARROYO FLOOD CONTROL AUTHORITY IN CONNECTION WITH THIS PLAT.

FUTURE SUBDIVISION OF LANDS WITHIN THIS PLAT, ZONING SITE DEVELOPMENT PLAN APPROVALS, AND DEVELOPMENT PERMITS MAY BE CONDITIONED UPON DEDICATION OF RIGHTS-OF-WAY AND EASEMENTS, AND/OR UPON INFRASTRUCTURE IMPROVEMENTS BY THE OWNER FOR WATER, SANITARY SEWER, STREETS, DRAINAGE, GRADING, AND PARKS, IN ACCORDANCE WITH CURRENT RESOLUTIONS, ORDINANCES, AND POLICIES IN EFFECT AT THE TIME FOR ANY SPECIFIC PROPOSAL.

THE CITY (AND AMAFCA WITH REFERENCE TO DRAINAGE) MAY REQUIRE AND/OR PERMIT EASEMENTS TO BE ADDED, MODIFIED, OR REMOVED WHEN FUTURE PLATS AND/OR SITE DEVELOPMENT PLANS ARE APPROVED.

BY ITS APPROVAL, THE CITY MAKES NO REPRESENTATION OR WARRANTIES AS TO AVAILABILITY OF UTILITIES, OR FINAL APPROVAL OF ALL REQUIREMENTS INCLUDING (BUT NOT LIMITED TO) THE FOLLOWING ITEMS:

WATER AND SANITARY SEWER AVAILABILITY,
FUTURE STREET DEDICATIONS AND/OR IMPROVEMENTS,
PARK AND OPEN SPACE REQUIREMENTS,
DRAINAGE REQUIREMENTS AND/OR IMPROVEMENTS,
EXCAVATION, FILLING, OR GRADING REQUIREMENTS.

ANY PERSON INTENDING DEVELOPMENT OF LANDS WITHIN THIS SUBDIVISION IS CAUTIONED TO INVESTIGATE THE STATUS OF THESE ITEMS.

A SEPARATE NOTICE OF THESE CONDITIONS IS TO BE RECORDED WITH THE COUNTY CLERK AT THE TIME OF FINAL PLAT RECORDING.

**NOTES:**

1. THE PURPOSE OF THIS PLAT IS TO SUBDIVIDE TRACT A PARKWEST UNIT 1 CONTAINING 53.8906 ACRES INTO 159 RESIDENTIAL LOTS, 3 TRACTS, ADJOINING STREETS AND 2.2974 ACRE PARK SITE PER APPROVED PRELIMINARY PLAT.
2. ALL BEARING SHOWN HEREON ARE GRID BEARING BASED ON THE NEW MEXICO STATE PLANE COORDINATE SYSTEM, CENTRAL ZONE, MEAN DELTA ALPHA -00°16'37". ALL DISTANCE ARE GROUND DISTANCE.
3. BEARINGS AND DISTANCES SHOWN IN PARENTHESES ARE FROM RECORD PLATS.
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 MI. 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.

**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 CERTIFIY 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 — DATE 3/22/95

(NOTES CONTINUED ON SHEET 6)

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

SHEET 5 OF 6

| | |
|---|---|
| DATE: DECEMBER, 1994 | community sciences corporation |
| SCALE: 1" = 100' | |
| DESIGNED: S.P.S. | |
| DRAWN: D.E.R. | |
| JOB NO.: 143-26-025 | LAND PLANNING ENGINEERING SURVEYING P.O. Box 1328 Cerrillos, N.M. 87048 |

SCANNED BY BY LASON

| CURVE TABLE | | | | | | |
|---|---|---|---|---|---|---|
| CURVE ID | RADIUS | ARC | DELTA | TANGENT | CHORD | CHORD BRG |
| C1 | 625.00 | 345.28 | 031-39-12 | 177.17 | 340.91 | N50-40-35E |
| C2 | 564.13 | 278.87 | 028-19-23 | 142.35 | 276.04 | S62-20-29W |
| C3 | 2175.00 | 873.54 | 023-00-42 | 442.74 | 867.65 | N35-40-59E |
| C4 | 491.49 | 106.17 | 012-22-38 | 53.29 | 105.97 | N39-58-36W |
| C5 | 467.33 | 559.04 | 065-43-35 | 314.82 | 528.88 | N76-23-36E |
| C6 | 70.15 | 109.18 | 089-10-44 | 69.15 | 98.45 | S26-10-05E |
| C7 | 1322.07 | 741.87 | 032-09-04 | 380.98 | 732.17 | S34-29-49W |
| C8 | 1477.55 | 1310.12 | 050-48-12 | 701.65 | 1267.62 | N25-10-15E |
| C9 | 570.00 | 298.37 | 029-59-29 | 152.69 | 294.97 | N75-13-48W |
| C10 | 300.00 | 43.25 | 008-15-38 | 21.66 | 43.22 | N02-54-24E |
| C11 | 300.00 | 48.51 | 009-15-52 | 24.31 | 48.46 | N11-40-10E |
| C12 | 300.00 | 92.57 | 017-40-46 | 46.66 | 92.20 | S07-27-43W |
| C13 | 300.00 | 100.71 | 019-14-06 | 50.84 | 100.24 | S10-55-44E |
| C14 | 300.00 | 86.11 | 016-26-48 | 43.36 | 85.82 | N12-23-23W |
| C15 | 350.00 | 55.11 | 009-01-18 | 27.61 | 55.05 | S08-40-38E |
| C16 | 350.00 | 100.50 | 016-27-05 | 50.60 | 100.15 | S21-24-49E |
| C17 | 350.00 | 155.61 | 025-26-23 | 79.11 | 154.33 | S16-54-10E |
| C18 | 350.00 | 98.61 | 016-08-33 | 49.63 | 98.28 | N21-34-05W |
| C19 | 4500.00 | 577.33 | 007-21-03 | 289.06 | 576.93 | S89-23-01W |
| C20 | 75.00 | 110.75 | 084-36-11 | 68.25 | 100.95 | S43-24-24W |
| C21 | 1491.55 | 184.33 | 007-04-51 | 92.28 | 184.21 | N04-38-44E |
| C22 | 1491.55 | 172.51 | 006-37-36 | 86.35 | 172.41 | N11-29-58E |
| C23 | 1491.55 | 356.84 | 013-42-27 | 179.28 | 355.99 | N07-57-32E |
| C24 | 75.00 | 118.93 | 090-51-29 | 76.13 | 106.86 | S30-36-59E |
| C25 | 500.00 | 159.64 | 018-17-38 | 80.51 | 158.97 | S85-11-32E |
| C26 | 2000.00 | 337.99 | 009-40-58 | 169.40 | 337.59 | N89-29-52W |
| C27 | 800.00 | 208.35 | 014-55-19 | 104.77 | 207.76 | N87-52-57E |
| C28 | 350.00 | 75.52 | 012-21-43 | 37.90 | 75.37 | S87-59-42E |
| C29 | 3200.00 | 561.64 | 010-03-22 | 281.54 | 560.92 | N89-08-53W |
| C30 | 3200.00 | 107.23 | 001-55-12 | 53.62 | 107.23 | N83-0[illegible]-36W |
| C31 | 500.00 | 199.46 | 022-51-23 | 101.07 | 198.14 | N70-43-18W |
| C32 | 45.00 | 141.37 | 180-00-00 | 90.00 | | S59-20-37E |
| C33 | 75.00 | 116.64 | 089-06-34 | 73.84 | 105.24 | S75-12-40W |
| C34 | 75.00 | 69.97 | 053-27-19 | 37.77 | 67.46 | N86-57-42W |
| C35 | 75.00 | 46.67 | 035-39-15 | 24.12 | 45.92 | S48-29-01W |
| C36 | 120.00 | 95.62 | 045-39-26 | 50.51 | 93.11 | S06-56-14W |
| C37 | 75.00 | 137.55 | 105-05-02 | 97.89 | 119.07 | N07-41-32W |
| C38 | 150.00 | 152.14 | 058-06-49 | 83.34 | 145.70 | N73-54-24E |
| C39 | 120.00 | 270.57 | 129-11-12 | 252.64 | 216.79 | N05-14-59E |
| C40 | 120.00 | 137.72 | 065-45-27 | 77.57 | 130.29 | N26-27-53W |
| C41 | 120.00 | 132.85 | 063-25-45 | 74.16 | 126.17 | N35-07-43E |
| C42 | 598.00 | 69.51 | 006-39-36 | 34.79 | 69.47 | N73-10-29E |
| C43 | 674.13 | 68.72 | 005-50-28 | 34.39 | 68.69 | N79-25-25E |
| C44 | 674.13 | 48.04 | 004-04-59 | 24.03 | 48.03 | N78-32-41E |
| C45 | 674.13 | 20.68 | 001-45-29 | 10.34 | 20.68 | N81-27-55E |
| C46 | 598.13 | 295.68 | 028-19-23 | 150.92 | 292.68 | S62-20-29W |
| C47 | 598.13 | 184.02 | 017-37-38 | 92.74 | 183.29 | S67-41-22W |
| C48 | 598.13 | 111.66 | 010-41-45 | 55.99 | 111.50 | S53-37-40W |
| C49 | 300.00 | 89.35 | 017-03-53 | 45.01 | 89.02 | S39-38-51W |
| C50 | 300.00 | 65.00 | 012-24-54 | 32.63 | 64.88 | N37-19-21E |
| C51 | 468.33 | 182.47 | 022-19-24 | 92.41 | 181.32 | N54-41-30E |
| C52 | 402.00 | 330.50 | 047-06-16 | 175.23 | 321.27 | N65-24-20E |
| C53 | 97.00 | 69.42 | 041-00-16 | 36.27 | 67.95 | N04-05-23E |
| C54 | 97.00 | 72.02 | 042-32-35 | 37.76 | 70.38 | N37-41-03W |
| C55 | 97.00 | 2.16 | 001-16-43 | 1.08 | 2.16 | N59-35-42W |
| C56 | 97.00 | 10.16 | 006-00-03 | 5.08 | 10.15 | N63-14-04W |
| C57 | 97.00 | 39.25 | 023-10-58 | 19.90 | 38.98 | N77-49-35W |
| C58 | 20.00 | 34.85 | 099-49-56 | 23.76 | 30.60 | S35-30-06E |
| C59 | 100.50 | 35.63 | 018-21-05 | 17.99 | 35.46 | S20-05-25W |
| C60 | 134.50 | 62.38 | 026-34-27 | 31.76 | 61.82 | S16-28-43W |
| C61 | 134.50 | 13.67 | 005-49-21 | 6.84 | 13.66 | S00-16-49W |
| C62 | 20.00 | 19.71 | 056-27-27 | 10.74 | 18.92 | N25-35-53E |
| C63 | 97.00 | 37.43 | 020-55-33 | 17.91 | 35.23 | S43-21-50W |
| C64 | 97.00 | 3.80 | 002-14-40 | 1.90 | 3.80 | S31-46-43W |
| C65 | 20.00 | 31.42 | 090-00-00 | 20.00 | 28.28 | N75-39-23E |
| C66 | 522.00 | 45.65 | 005-00-38 | 22.84 | 45.64 | N61-50-56W |
| C67 | 522.00 | 62.54 | 006-51-54 | 31.31 | 62.51 | N67-47-12W |
| C68 | 522.00 | 62.54 | 006-51-54 | 31.31 | 62.51 | N74-39-06W |
| C69 | 522.00 | 37.50 | 004-06-57 | 18.76 | 37.49 | N80-08-32W |
| C70 | 1922.00 | 25.97 | 000-27-33 | 12.91 | 25.92 | N82-25-46W |
| C71 | 1922.00 | 42.[illegible] | 000-45-37 | 21.38 | 42.75 | N83-02-21W |
| C72 | 20.00 | [illegible].70 | 073-36-46 | 14.97 | 23.96 | S46-36-47E |
| C73 | 326.00 | 61.86 | 010-48-23 | 31.02 | 61.77 | N15-12-36W |
| C74 | 272.00 | 51.32 | 010-48-[illegible] | 25.74 | 51.24 | S15-12-29E |
| C75 | 272.00 | 40.00 | 008-25-30 | 20.03 | 39.96 | S05-35-25E |
| C76 | 272.00 | 83.93 | 017-40-46 | 42.30 | 83.60 | S07-27-43W |
| C77 | 328.00 | 56.60 | 009-53-15 | 28.37 | 56.53 | N11-21-28E |
| C78 | 53.00 | 82.43 | 089-06-34 | 52.18 | 74.37 | S75-12-40W |
| C79 | 53.00 | 57.21 | 105-05-02 | 69.18 | 84.14 | N07-41-32W |
| C80 | 128.00 | 92.27 | 041-[illegible]-57 | 48.30 | 90.38 | N65-31-28E |
| C81 | 20.00 | 29.64 | 084-[illegible]-13 | 18.30 | 27.00 | S51-20-27E |
| C82 | 142.00 | 47.77 | 01[illegible]-16-30 | 24.11 | 47.55 | N18-31-05W |
| C83 | 142.00 | 63.81 | 025-44-44 | 32.45 | 63.27 | N41-01-42W |
| C84 | 142.00 | 13.49 | 005-26-33 | 6.75 | 13.48 | N56-37-20W |
| C85 | 20.00 | 31.42 | 090-00-00 | 20.00 | 28.28 | S14-20-37E |
| C86 | 98.00 | 172.50 | 100-51-09 | 116.57 | 151.08 | N19-25-01E |
| C87 | 576.00 | 27.47 | 002-43-56 | 13.74 | 27.47 | N71-12-34E |
| C88 | 576.00 | 38.48 | 003-55-38 | 19.75 | 38.47 | N74-32-22E |
| C89 | 20.00 | 31.42 | 090-00-00 | 20.00 | 28.28 | S55-29-49E |
| C90 | 576.00 | 35.05 | 003-16-46 | 17.54 | 35.04 | N16-05-12W |
| C91 | 576.00 | 1.60 | 000-20-51 | 34.25 | 68.50 | N24-00-30W |
| C92 | 576.00 | [illegible] | 000-21-56 | 1.43 | 2.85 | N25-25-24W |
| C93 | 322.00 | [illegible] | 014-12-48 | 41.19 | 81.72 | S22-20-58E |
| C94 | [illegible] | [illegible] | 010-50-34 | 30.70 | 61.13 | S05-36-47E |
| C95 | [illegible] | [illegible] | 10[illegible]-00-0[illegible] | 20.00 | 30.88 | S46-22-03W |
| C96 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | N75-31-44W |
| C97 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | N65-05-25W |
| C98 | 20.00 | 31.42 | 090-00-00 | 20.00 | 28.28 | N14-20-37W |
| C99 | 60.00 | 21.22 | 020-15-42 | 10.72 | 21.11 | S20-31-32W |
| C100 | 60.00 | 46.83 | 044-43-04 | 24.68 | 45.65 | S11-57-51E |
| C101 | 60.00 | 46.83 | 044-43-04 | 24.68 | 45.65 | S56-40-55E |
| C102 | 60.00 | 43.71 | 041-44-34 | 22.88 | 42.75 | N80-05-16E |
| C103 | 60.00 | 29.91 | 028-33-36 | 15.27 | 29.60 | N44-56-11E |
| C104 | 20.00 | 31.42 | 090-00-00 | 20.00 | 28.28 | S75-39-23W |
| C105 | 98.00 | 48.46 | 028-20-03 | 24.74 | 47.97 | N45-10-36W |
| C106 | 272.00 | 40.41 | 008-30-44 | 20.24 | 40.37 | N12-02-44E |
| C107 | 328.00 | 58.33 | 010-11-23 | 29.24 | 58.26 | S11-12-24W |
| C108 | 20.00 | 30.14 | 086-20-12 | 18.75 | 27.37 | N49-16-49E |
| C109 | 4522.00 | 33.88 | 000-25-46 | 16.94 | 33.88 | N57-45-58W |
| C110 | 4522.00 | 50.03 | 000-38-02 | 25.01 | 50.03 | N88-17-52W |
| C111 | 4522.00 | 50.01 | 000-38-01 | 25.01 | 50.01 | N88-55-54W |
| C112 | 4522.00 | 50.00 | 000-38-01 | 25.00 | 50.00 | N89-33-55W |
| C113 | 4522.00 | 50.00 | 000-38-01 | 25.00 | 50.00 | S89-46-04W |
| C114 | 4522.00 | 50.00 | 000-38-01 | 25.00 | 50.00 | S89-10-04W |
| C115 | 4522.00 | 50.01 | 000-38-01 | 25.01 | 50.01 | S88-32-03W |
| C116 | 4522.00 | 50.03 | 000-38-02 | 25.01 | 50.03 | S87-54-01W |
| C117 | 4522.00 | 50.05 | 000-38-03 | 25.02 | 50.05 | S87-15-59W |
| C118 | 4522.00 | 50.08 | 000-38-04 | 25.04 | 50.08 | S86-37-55W |
| C119 | 4522.00 | 47.79 | 000-36-20 | 23.89 | 47.79 | S85-00-43W |
| C120 | 55.00 | 81.14 | 084-31-38 | 49.98 | 73.98 | S43-26-32W |
| C121 | 4478.00 | 18.20 | 000-13-58 | 9.10 | 18.20 | S85-45-20W |
| C122 | 4478.00 | 60.08 | 000-46-07 | 30.04 | 60.08 | S86-15-23W |
| C123 | 4478.00 | 60.04 | 000-46-06 | 30.02 | 60.04 | S87-05-30W |
| C124 | 4478.00 | 60.02 | 000-46-04 | 30.01 | 60.02 | S87-51-35W |
| C125 | 4478.00 | 60.00 | 000-46-04 | 30.00 | 60.00 | S88-37-39W |
| C126 | 4478.00 | 60.00 | 000-46-04 | 30.00 | 60.00 | S89-23-43W |
| C127 | 4478.00 | 60.01 | 000-46-04 | 30.00 | 60.01 | N89-50-14W |
| C128 | 4478.00 | 60.03 | 000-46-05 | 30.01 | 60.03 | N89-04-09W |
| C129 | 4478.00 | 55.05 | 000-42-16 | 27.53 | 55.05 | N86-19-59W |
| C130 | 4478.00 | 36.20 | 000-27-47 | 18.10 | 36.20 | N87-44-57W |
| C131 | 20.00 | 30.07 | 086-08-23 | 18.70 | 27.32 | N44-26-52W |
| C132 | 328.00 | 28.46 | 004-58-20 | 14.24 | 28.46 | S03-51-51E |
| C133 | 328.00 | 81.65 | 014-15-46 | 41.04 | 81.44 | S13-28-54E |
| C134 | 272.00 | 22.09 | 004-39-09 | 11.05 | 22.08 | N18-17-13W |
| C135 | 20.00 | 36.26 | 110-45-14 | 28.97 | 32.92 | N39-24-59E |
| C136 | 3222.00 | 51.14 | 000-54-34 | 25.57 | 51.14 | N85-39-41W |
| C137 | 3222.00 | 60.16 | 001-04-11 | 30.08 | 60.16 | N86-39-04W |
| C138 | 3222.00 | 60.09 | 001-04-07 | 30.04 | 60.09 | N87-43-12W |
| C139 | 3222.00 | 60.04 | 001-04-03 | 30.02 | 60.04 | N88-47-18W |
| C140 | 3222.00 | 60.01 | 001-04-02 | 30.01 | 60.01 | N89-51-20W |
| C141 | 3222.00 | 60.00 | 001-04-01 | 30.00 | 60.00 | S89-04-39W |
| C142 | 3222.00 | 60.01 | 001-04-02 | 30.01 | 60.01 | S88-00-37W |
| C143 | 3222.00 | 60.05 | 001-04-04 | 30.02 | 60.05 | S86-56-34W |
| C144 | 3222.00 | 32.89 | 000-35-06 | 16.45 | 32.89 | S86-06-59W |
| C145 | 328.00 | 27.17 | 004-44-45 | 13.59 | 27.16 | N88-11-49E |
| C146 | 328.00 | 43.30 | 007-36-58 | 21.83 | 43.57 | S85-37-19E |
| C147 | 20.00 | 30.87 | 088-25-43 | 19.46 | 27.89 | S37-35-59E |
| C148 | 20.00 | 30.87 | 088-25-43 | 19.46 | 27.89 | S53-58-18W |
| C149 | 372.00 | 18.75 | 002-53-16 | 9.38 | 18.75 | S83-15-28E |
| C150 | 372.00 | 60.08 | 009-15-16 | 30.11 | 60.02 | S89-19-44E |
| C151 | 372.00 | 1.43 | 000-13-12 | 0.71 | 1.43 | N85-56-02E |
| C152 | 3178.00 | 58.65 | 001-03-16 | 29.32 | 58.65 | S86-21-10W |
| C153 | 3178.00 | 60.03 | 001-04-56 | 30.02 | 60.03 | S87-25-21W |
| C154 | 3178.00 | 60.01 | 001-04-55 | 30.00 | 60.00 | S88-30-16W |
| C155 | 3178.00 | 60.00 | 001-04-54 | 30.00 | 60.00 | S89-35-11W |
| C156 | 3178.00 | 60.02 | 001-04-56 | 30.01 | 60.02 | N89-18-54W |
| C157 | 3178.00 | 60.06 | 001-04-58 | 30.03 | 60.06 | N88-14-57W |
| C158 | 3178.00 | 60.12 | 001-05-02 | 30.06 | 60.12 | N87-06-57W |
| C159 | 3178.00 | 60.20 | 001-05-07 | 30.10 | 60.20 | N86-04-53W |
| C160 | 3178.00 | 37.17 | 000-40-12 | 18.58 | 37.16 | N85-12-13W |
| C161 | 378.00 | 15.28 | 002-18-59 | 7.64 | 15.28 | S05-19-28E |
| C162 | 20.00 | 31.61 | 090-32-37 | 20.19 | 28.42 | N38-47-21E |
| C163 | 778.00 | 59.59 | 004-23-20 | 29.81 | 59.58 | N86-15-19E |
| C164 | 778.00 | 60.03 | 004-25-16 | 30.03 | 60.02 | S89-20-23E |
| C165 | 778.00 | 33.58 | 002-28-22 | 16.79 | 33.57 | S85-53-34E |
| C166 | 2022.00 | 26.68 | 000-45-22 | 13.34 | 26.68 | N85-02-04W |
| C167 | 2022.00 | 60.19 | 001-42-20 | 30.10 | 60.19 | N86-15-55W |
| C168 | 2022.00 | 60.08 | 001-42-08 | 30.04 | 60.07 | N87-58-09W |
| C169 | 2022.00 | 60.01 | 001-42-02 | 30.01 | 60.01 | N89-40-14W |
| C170 | 2022.00 | 60.01 | 001-42-01 | 30.00 | 60.00 | S88-37-44W |
| C171 | 2022.00 | 60.05 | 001-42-06 | 30.03 | 60.05 | S86-55-41W |
| C172 | 2022.00 | 14.69 | 000-24-59 | 7.35 | 14.69 | S85-52-08W |
| C173 | 478.00 | 45.35 | 005-26-11 | 22.69 | 45.34 | N88-22-44E |
| C174 | 478.00 | 60.32 | 007-13-48 | 30.20 | 60.28 | S85-17-15E |
| C175 | 478.00 | 46.92 | 005-37-25 | 23.48 | 46.90 | S78-51-40E |
| C176 | 55.00 | 87.15 | 090-47-19 | 55.76 | 78.32 | S30-39-17E |
| C177 | 1511.55 | 35.49 | 001-20-43 | 17.75 | 35.49 | N14-04-01E |
| C178 | 1511.55 | 95.94 | 003-38-12 | 47.99 | 95.93 | N11-34-33E |
| C179 | 97.00 | 85.53 | 051-06-51 | 46.39 | 83.69 | S33-27-48E |
| C180 | 1477.55 | 189.36 | 007-20-35 | 94.81 | 189.24 | N19-56-13E |
| C181 | 97.00 | 28.82 | 017-01-30 | 14.52 | 28.72 | S67-31-58E |
| C182 | 522.00 | 34.49 | 003-47-08 | 17.25 | 34.48 | S77-56-17E |
| C183 | 522.00 | 60.57 | 006-38-54 | 30.32 | 60.54 | S83-09-18E |
| C184 | 522.00 | 60.04 | 006-35-25 | 30.05 | 60.01 | S85-46-28E |
| C185 | 522.00 | 11.57 | 001-16-11 | 5.78 | 11.57 | N86-17-44E |
| C186 | 1976.00 | 48.51 | 001-24-16 | 24.26 | 48.51 | S86-21-48W |
| C187 | 1976.00 | 60.02 | 001-44-19 | 30.01 | 60.01 | S87-56-07W |
| C188 | 1976.00 | 60.00 | 001-44-17 | 30.00 | 60.00 | S89-40-25W |
| C189 | 1976.00 | 60.05 | 001-44-22 | 30.03 | 60.04 | N88-35-19W |
| C190 | 1976.00 | 60.14 | 001-44-32 | 30.07 | 60.14 | N86-50-48W |
| C191 | 1976.00 | 45.55 | 001-19-16 | 22.78 | 45.55 | N[illegible]-15-58W |
| C192 | 822.00 | 14.75 | 001-01-35 | 7.36 | 14.73 | N[illegible]-31-11E |
| C193 | 822.00 | 60.10 | 004-11-20 | 30.06 | 60.08 | S37-46-38E |
| C194 | 822.00 | 60.02 | 004-11-05 | 30.03 | 60.01 | N55-02-[illegible] |
| C195 | [illegible] | 36.54 | 002-36-5[illegible] | 18.28 | 36.54 | N[illegible] |
| C196 | [illegible] | [illegible] | [illegible]-56 | [illegible] | [illegible] | N[illegible] |
| C197 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | N[illegible]-20E |

VACATION AND REPLAT
FOR
# PARKWEST UNIT 5

COMPRISED OF
TRACT A OF PARKWEST UNIT 1
SITUATE WITHIN
TOWN OF ATRISCO GRANT
"PROJECTED" SECTIONS 4 & 9, T10N, R2E, N.M.P.M.
CITY OF ALBUQUERQUE, BERNALILLO COUNTY, NEW MEXICO
DECEMBER, 1994

8. PUBLIC UTILITY EASEMENTS (P.U.E.) SHOWN ON THIS PLAT ARE TEN (10) FEET WIDE AND ARE GRANTED FOR THE COMMON AND JOINT USE OF:
   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. STREETS, RIGHTS-OF-WAY AND PAVEMENT WIDTHS HAVE BEEN REDUCED PER THE STANDARD REQUIREMENTS FOR INTERMITTENT PARKING DESIGN. ALL RESIDENTIAL LOTS SHALL HAVE A "P-1" SUFFIX ON THE FINAL PLAT (P-1 DENOTES INTERMITTENT PARKING FOR THE PURPOSE OF DETERMINING STREET WIDTH. ALL DWELLINGS SHALL HAVE TWO-CAR GARAGES AND 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 FROM ANY LOT TO UNSER BOULEVARD, NW.
13. THERE IS A TEN (10') FOOT WIDE PRIVATE DRAINAGE EASEMENT CENTERED ON COMMON SIDE LOT LINES IN THIS SUBDIVISION (5' ON EACH SIDE) DOES NOT APPLY TO STREET RIGHT-OF-WAY.
14. AMAFCA DRAINAGE RIGHT-OF-WAY IS HEREBY DEDICATED IN FEE SIMPLE AND AN EASEMENT IS GRANTED TO THE ALBUQUERQUE METROPOLITAN FLOOD CONTROL AUTHORITY, GRANTEE, ITS SUCCESSORS AND ASSIGNS, OF LANDS, IDENTIFIED HEREON AS LADERA CHANNEL DRAINAGE RIGHT-OF-WAY IS WITH THE FULL AND FREE CONSENT AND IN ACCORDANCE WITH THE DESIRE OF THE UNDERSIGNED OWNER, GRANTOR. THIS DEDICATION IS FOR DRAINAGE FLOOD CONTROL, CONVEYANCE OF STORM WATER, AND THE CONSTRUCTION, OPERATION, AND MAINTENANCE OF, AND ACCESS TO, SUCH FACILITIES, AND FOR SUBORDINATE RECREATIONAL USE AND ACCESS ON SUCH FACILITIES. ANY PORTION OF ANY LANDS, OR RIGHT-OF-WAY GRANTED HEREIN SHALL REVERT TO THE GRANTOR, ITS SUCCESSORS OR ASSIGNS, AS AND TO THE EXTENT SAID PORTION IS DECLARED UNNECESSARY FOR FLOOD CONTROL OR DRAINAGE BY THE BOARD OF DIRECTORS OF THE ALBUQUERQUE METROPOLITAN ARROYO FLOOD CONTROL AUTHORITY. ANY REVERSION SHALL BE CONVEYED BY QUITCLAIM DEED. VACATION APPROVAL CONSISTENT WITH THE CITY OF ALBUQUERQUE OR BERNALILLO COUNTY SUBDIVISION ORDINANCES WILL ALSO BE REQUIRED.

CITY INFRASTRUCTURE AND DRAINAGE REQUIREMENT NOTICE SEE SHEET ___ OF THIS PLAT FOR REQUIREMENT NOTICE. (PERTAINS TO ALL TRACTS SUBDIVIDED HEREIN.)

**SURVEYOR'S CERTIFICATION:**

I, C. A. SPIROCK, HEREBY AFFIRM THAT I AM A DULY QUALIFIED REGISTERED PROFESSIONAL

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

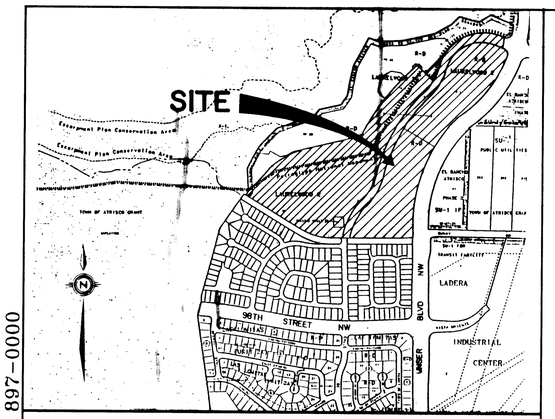
# PARK WEST SUBDIVISION
# UNIT 5

COMPRISED OF

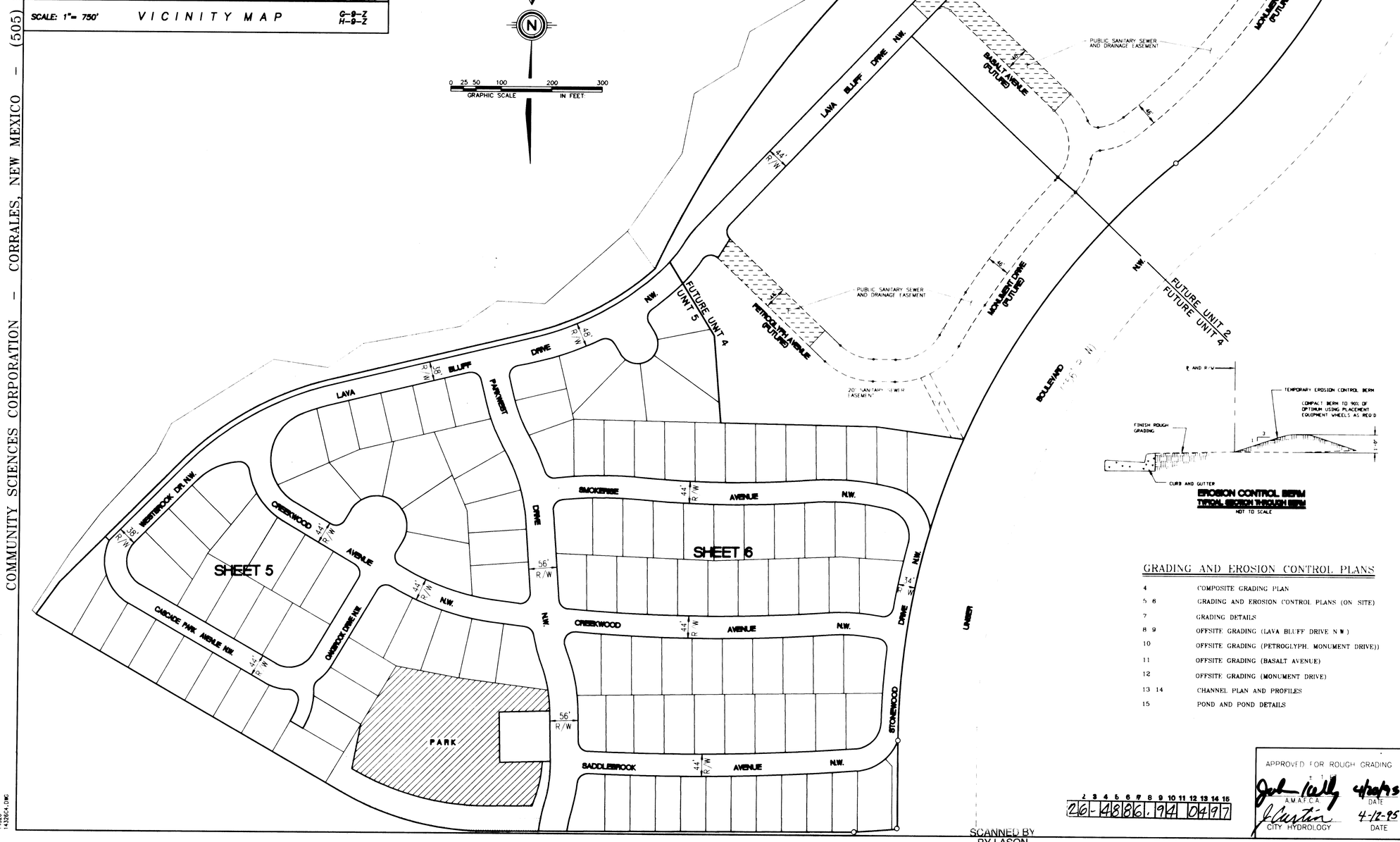
## TRACT A
## PARK WEST UNIT 1

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
MARCH, 1995

**DRB-93-303**




SCALE: 1"= 750' VICINITY MAP C-9-Z H-9-Z







**EROSION CONTROL BERM**
**TYPICAL SECTION THROUGH BERM**
NOT TO SCALE

## GRADING AND EROSION CONTROL PLANS

| | |
|---|---|
| 4 | COMPOSITE GRADING PLAN |
| 5 6 | GRADING AND EROSION CONTROL PLANS (ON SITE) |
| 7 | GRADING DETAILS |
| 8 9 | OFFSITE GRADING (LAVA BLUFF DRIVE N.W.) |
| 10 | OFFSITE GRADING (PETROGLYPH. MONUMENT DRIVE)) |
| 11 | OFFSITE GRADING (BASALT AVENUE) |
| 12 | OFFSITE GRADING (MONUMENT DRIVE) |
| 13 14 | CHANNEL PLAN AND PROFILES |
| 15 | POND AND POND DETAILS |

## LEGEND

- CUT
- FILL
- NO GRADING (DO NOT DISTURB)

NOTE: ALL DISTURBED AREAS INDICATED ON THIS SHEET AS EITHER CUT OR FILL SHALL BE REVEGITATED PER C.O.A. STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION SECTION 1012.

**LOT GRADING SPECIFICATIONS:**

1. CROSS LOT DRAINAGE WILL NOT BE PERMITTED. IF LOCAL CONDITIONS SHOULD DICTATE A RELAXATION OF THIS RULE, THEN THE APPROPRIATE PUBLIC OR PRIVATE DRAINAGE EASEMENTS WILL BE DEDICATED ON THE PLAT.
2. CRITERIA FOR SETTING LOT ELEVATION CONTROL GRADES SHALL INCLUDE THE FOLLOWING:
   - A. ALL DRAINAGE SWALES AND YARD AREAS SHALL HAVE MINIMUM SLOPES OF 1% AND MAXIMUM SLOPES OF 3 HORIZONTAL TO 1 VERTICAL.
   - B. BUILDING PADS SHALL BE SET AT LEAST 0.3' ABOVE THE HIGHEST ELEVATION OF ADJACENT SWALES.
   - C. PAD ELEVATIONS WILL BE ASSUMED TO BE EQUAL TO FINISHED FLOOR OF GARAGE. LONGITUDINAL GRADIENT OF DRIVEWAY SHALL NOT BE LESS THAN ONE PERCENT (1%) NOT STEEPER THAN TEN PERCENT (10%), IF DRIVEWAY ALSO IS USED AS A REQUIRED WALK. IF USED ONLY AS A DRIVEWAY, THE LONGITUDINAL GRADIENT SHALL NOT EXCEED 14% (1 IN 7).
   - D. USABLE YARD AREAS SHALL HAVE MINIMUM DIMENSIONS OF 30' X 15'.
3. WHERE YARD GRADES OF ADJACENT LOTS AT PROPERTY LINES CANNOT BE MATCHED USING THE ABOVE CRITERIA, RETAINING WALL SHALL BE PROVIDED TO ACCOMMODATE GRADE DIFFERENTIALS.

**EROSION CONTROL NOTES:**

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

**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**

Rev. 5-26-95

| | |
|---|---|
| CONTRACTOR WORK STAKED BY | DATE |
| STAKING CHECKED BY | DATE |
| ACCEPTANCE BY | DATE |
| FIELD VERIFICATION BY | DATE |
| DRAWINGS CORRECTED BY | DATE |
| **MICRO-FILM INFORMATION** | |
| RECORDED BY | DATE |
| NO. | |

| NO. | DATE | REMARKS | BY |
|---|---|---|---|
| | | REVISIONS | |
| | | DESIGN | |

| | | | |
|---|---|---|---|
| DESIGNED BY | S.R.L. | DATE | MARCH, 1995 |
| DRAWN BY | A.M. | DATE | MARCH, 1995 |
| CHECKED BY | J.D.H. | DATE | MARCH, 1995 |

SCALE 1" = 100'

JOB NO. 14326 043

**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 5
COMPOSITE GRADING PLAN

| APPROVALS | ENGINEER | DATE | APPROVALS | ENGINEER | DATE |
|---|---|---|---|---|---|
| DRC CHAIRMAN | | | WATER | N/A | RWK 6-5-95 |
| TRANSPORTATION | N/A | 6-02-95 | WASTE WATER | N/A | RWK 6-5-95 |
| HYDROLOGY | | 9-19-95 | A.M.A.F.C.A. | | |
| PARKS AND REC. | | | | | |

APPROVED FOR ROUGH GRADING
A.M.A.F.C.A. 4/20/95 DATE
CITY HYDROLOGY 4-12-95 DATE

PROJECT NO. 4886.94 MAP NO. G, H9 SHEET 4 OF 39

2 3 4 5 6 7 8 9 10 11 12 13 14 15
26-48186.94 04917

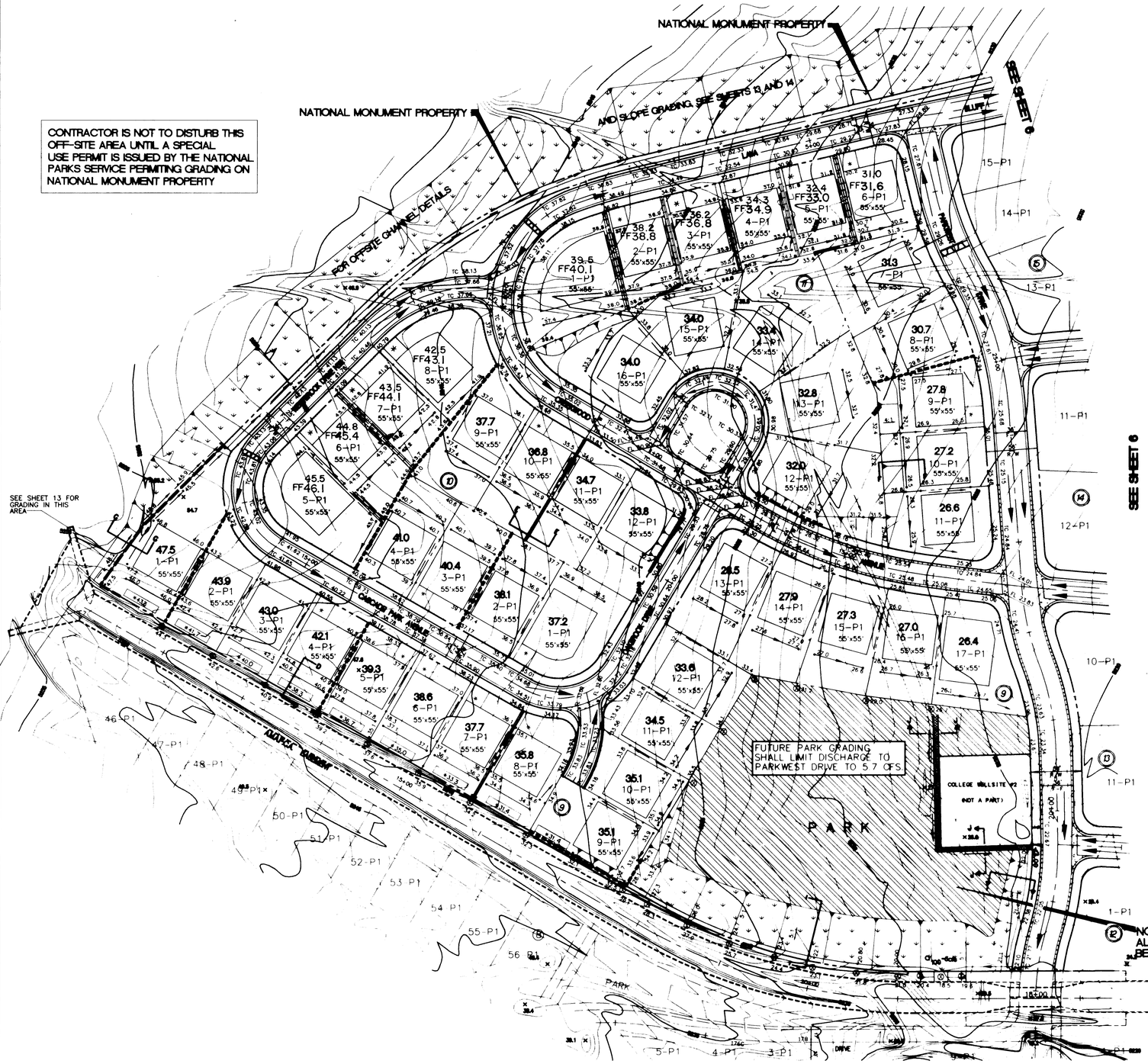
SCANNED BY
BY LASON

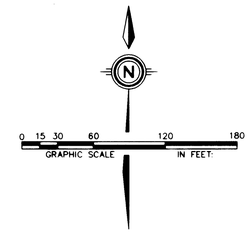
PARKS & GEN. SERV. 4-17/95

14326
14326CA.DWG

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

CONTRACTOR IS NOT TO DISTURB THIS OFF-SITE AREA UNTIL A SPECIAL USE PERMIT IS SUBJECT BY THE NATIONAL PARKS SERVICE PERMITTING GRADING ON NATIONAL MONUMENT PROPERTY




# PARK WEST SUBDIVISION UNIT 5

COMPRISED OF

TRACT A
PARK WEST UNIT 1

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
MARCH, 1995

## DRB-93-303

## 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
- 49 '3 — 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)
- PROPOSED MEDIAN CURB

### EARTHWORK SUMMARY

| | CUT | FILL | PAD LOSS | EXPORT |
|---|---|---|---|---|
| UNIT 5 | 102,200 | 58,050 | 10,150 | 7,500 |
| POND | 31,200 | 250 | | 22,850 |
| STOCKPILE | 27,800 | 2,000 | | 18,600 |
| CHANNEL | 1,1000 | 100 | | 700 |
| TOTAL | 162,300 | 60,400 | 10,150 | 49,650 |

VALUES TABULATED REPRESENT IN PLACE CONDITIONS WITH C/F 1.35 AND THE NET EXPORT EQUAL TO THE DEFICIT FILL NEEDED FOR FUTURE UNITS 2 AND 4

NOTE:
SEE SHEET 7 FOR DETAILS

### 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.

SLD 1929 ELEVATION = 5334.50 FEET

### SURVEY INFORMATION

| NO. | FIELD NOTES BY | DATE |
|---|---|---|
| 1 | COMMUNITY SCIENCES | 3/95 |

### AS BUILT INFORMATION

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

### MICRO-FILM INFORMATION

| | DATE |
|---|---|
| RECORDED BY | |
| NO. | |

### ENGINEER'S SEAL

Rev 5-25-95

| NO. | DATE | REMARKS | BY |
|---|---|---|---|
| | | REVISIONS | |

DESIGN

| | | DATE |
|---|---|---|
| DESIGNED BY | S.R. | MARCH 1995 |
| DRAWN BY | A.M. | MARCH 1995 |
| CHECKED BY | J.D.H. | MARCH 1995 |

DATE MARCH, 1995
SCALE 1" = 60'
DESIGNED S.R.L.
DRAWN A.M.
JOB NO. 143.26.041

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 SUBDIVISION UNIT 5
GRADING AND EROSION CONTROL PLAN
(ONSITE)

| APPROVALS | ENGINEER | DATE | APPROVALS | ENGINEER | DATE |
|---|---|---|---|---|---|
| DRC CHAIRMAN | | | WATER | N/A RWK | 6-5-95 |
| TRANSPORTATION | N/A CHC | 6-02-95 | WASTE WATER | N/A RWK | 6-5-95 |
| HYDROLOGY | J. Austin | 5-19-95 | A.M.A.F.C.A. | | |
| PARKS & REC. | | | | | |

APPROVED FOR ROUGH GRADING
A.M.A.F.C.A. — 4/20/95 DATE
CITY HYDROLOGY — 4-12-95 DATE
PARKS & REC. SERVICES — 4-17-95 DATE

PROJECT NO. 4886.94 — MAP NO. G, H9 — SHEET 5 OF 39

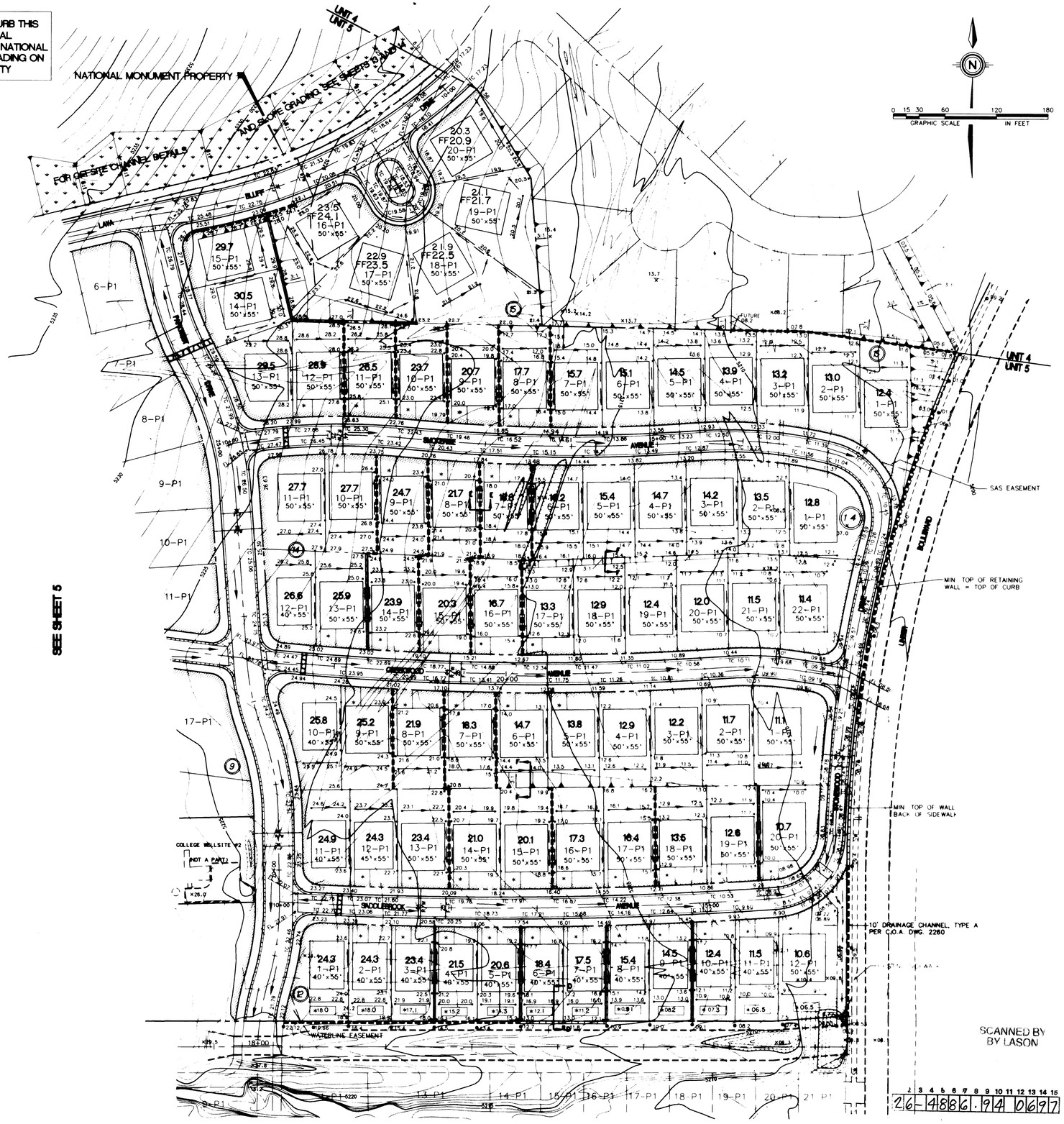
2 3 4 5 6 7 8 9 10 11 12 13 14 15
26-4886.194 0597

SCANNED BY BY LASON

143.26
143.26C5.DWG

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

CONTRACTOR IS NOT TO DISTURB THIS OFF-SITE AREA UNTIL A SPECIAL USE PERMIT IS ISSUED BY THE NATIONAL PARKS SERVICE PERMITING GRADING ON NATIONAL MONUMENT PROPERTY




# PARK WEST SUBDIVISION UNIT 5

COMPRISED OF

TRACT A
PARK WEST UNIT 1

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
MARCH, 1995

DRB-93-303

GRAPHIC SCALE 0 15 30 60 120 180 IN FEET

## 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
- PROPOSED MEDIAN CURB

## EARTHWORK SUMMARY

| | CUT | FILL | PAD LOSS | EXPORT |
|---|---|---|---|---|
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| POND | 31,200 | 250 | | 22,850 |
| STOCKPILE | 2,800 | 2,000 | | 18,600 |
| CHANNEL | 1,000 | 100 | | 700 |
| TOTAL | 162,300 | 60,400 | 10,150 | 49,650 |

VALUES TABULATED REPRESENT IN PLACE CONDITIONS WITH CUT 1.35 AND THE NET EXPORT EQUAL TO THE DEFICIT FILL NEEDED FOR FUTURE UNITS 2 AND 4

NOTE:
SEE SHEET 7 FOR DETAILS

AS BUILT INFORMATION

| | | |
|---|---|---|
| CONTRACTOR | | |
| WORK STAKED BY | | |
| INSPECTOR'S ACCEPTANCE BY | | DATE |
| VERIFICATION BY | | DATE |
| DRAWINGS CORRECTED BY | | 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. & QUARY 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 | 3/95 |

ENGINEER'S SEAL

| NO. | DATE | REMARKS | BY |
|---|---|---|---|
| | | REVISIONS | |

DESIGN

| | | |
|---|---|---|
| DESIGNED BY | S.R.L. | DATE MARCH, 1995 |
| DRAWN BY | A.M. | DATE MARCH, 1995 |
| CHECKED BY | J.D.H. | DATE MARCH, 1995 |

| | |
|---|---|
| DATE | MARCH, 1995 |
| SCALE | 1" = 60' |
| DESIGNED | S.R.L. |
| DRAWN | A.M. |
| JOB NO. | 141.26.1415 |

community sciences corporation
LAND PLANNING P.O. Box 1028 — ENGINEERING — SURVEYING Corrales, N.M. 87048

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: PARKWEST SUBDIVISION UNIT 5
GRADING AND EROSION CONTROL PLAN
(ONSITE)

APPROVED FOR ROUGH GRADING

| APPROVALS | ENGINEER | DATE | APPROVALS | ENGINEER | DATE |
|---|---|---|---|---|---|
| DRC CHAIRMAN | | | WATER | N/A RWK | 6-5-95 |
| TRANSPORTATION | N/A RWD | 6-02-95 | WASTE WATER | N/A RWK | 6-5-95 |
| HYDROLOGY | J. Austin | 9-19-95 | | | |
| PARKS & REC. | | | | | |

AMAFCA — DATE 4-12-95 — CITY HYDROLOGY

| PROJECT NO. | MAP NO. | SHEET |
|---|---|---|
| 4886.94 | G, H9 | 6 OF 39 |

1436
1432606.DWG

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

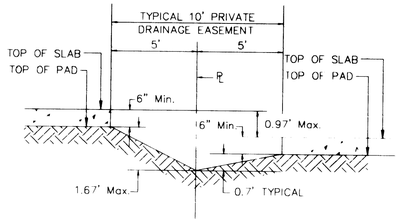
# PARK WEST SUBDIVISION
# UNIT 5

COMPRISED OF

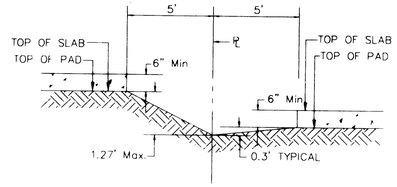
## TRACT A
## PARK WEST UNIT 1

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
MARCH, 1995

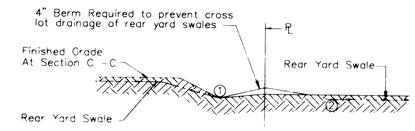
## DRB-93-303



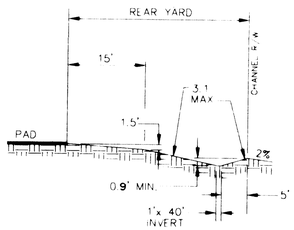

**TYPICAL SECTION A - A**
N.T.S.
NOTE: FENCES ARE ALLOWED ON THE PROPERTY LINE WITHIN THE PRIVATE DRAINAGE EASEMENT.



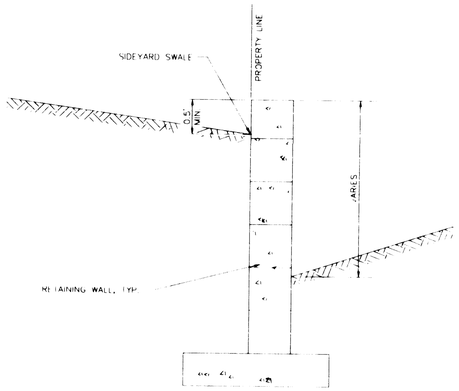

**TYPICAL SECTION B - B**
N.T.S.



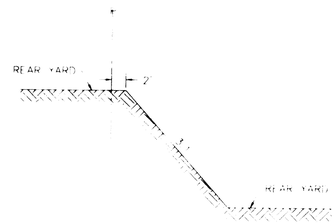

**TYPICAL SECTION C - C**
N.T.S.



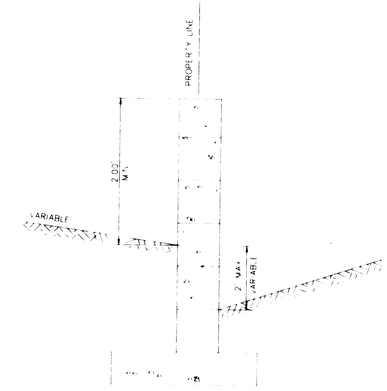

**SECTION D - D**
N.T.S.
TYPICAL REAR YARD WITH POND



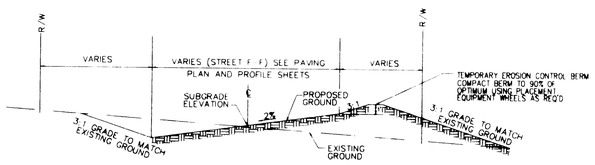

**SECTION E - E**
**TYPICAL RETAINING WALL WITH ADJACENT SWALE**
N.T.S.
NOTE: CROSS LOT DRAINAGE SHALL BE PREVENTED BY 0.5' MIN. HEIGHT FROM TOP OF RETAINING WALL TO THE INVERT OF THE SWALE



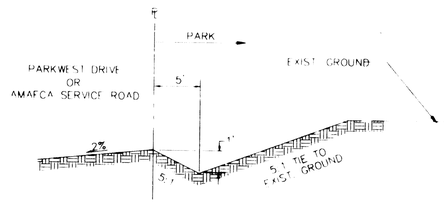

**TYPICAL SECTION F - F**
**REAR PROPERTY LINE GRADING DETAIL**
N.T.S.



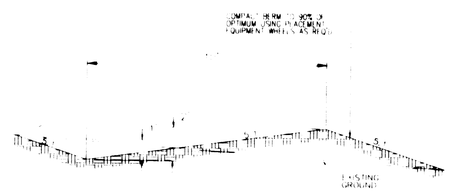

**SECTION G - G**
N.T.S.



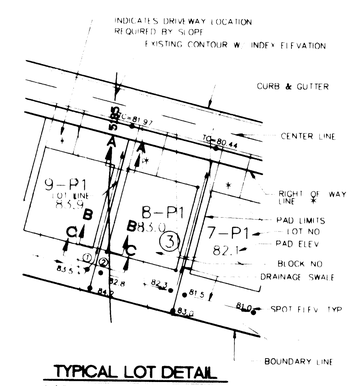

**SECTION H - H**
**TYPICAL OFF-SITE PRELIMINARY STREET GRADING**
N.T.S.



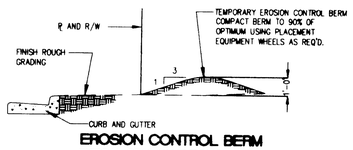

**SECTION I - I**
**TYPICAL PARK SWALE**
N.T.S.




**SECTION J - J**
**TYPICAL PARK DIVERSION BERM**
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)




**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.

SCANNED BY BY LASON

| 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2 | 6 | - | 4 | 8 | 8 | 6 | . | 9 | 4 | 0 | 7 | 9 | 7 | |

APPROVED FOR ROUGH GRADING (± 1 FT.)

| | | |
|---|---|---|
| AMAFCA | 4/20/95 | DATE |
| CITY HYDROLOGY | 4-12-95 | DATE |
| PARKS & REC. DEPT. SERV. | 4-17-95 | DATE |

**AS BUILT INFORMATION**

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

**BENCH MARKS**

ACS BRASS TABLET STAMPED "2-C9" SET IN A 2" ROK 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 | 1/93 |

**ENGINEER'S SEAL**

| NO. | DATE | REMARKS | BY |
|---|---|---|---|
| | | REVISIONS | |

DESIGN

| | | |
|---|---|---|
| DESIGNED BY | SRL | DATE MARCH, 1995 |
| DRAWN BY | AM, WLV | DATE MARCH, 1995 |
| CHECKED BY | | DATE MARCH, 1995 |

DATE MARCH, 1995
SCALE AS SHOWN
JOB NO. 145 26 043

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 5
GRADING AND EROSION CONTROL PLAN
GRADING DETAILS

| APPROVALS | ENGINEER | DATE | APPROVALS | ENGINEER | DATE |
|---|---|---|---|---|---|
| DRC CHAIRMAN | | | WATER | N/A RWK | 6-5-95 |
| TRANSPORTATION | N/A RWO | 6-02-95 | WASTE WATER | N/A RWK | 6-5-95 |
| HYDROLOGY | | 9-19-95 | | | |
| PARKS & REC. | | | | | |

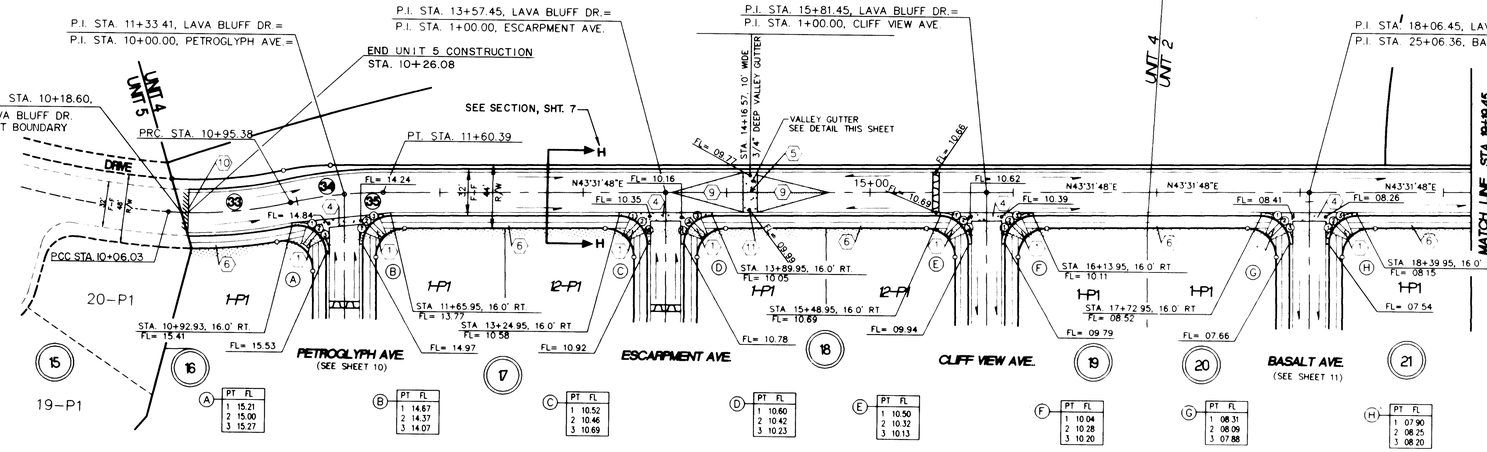
PROJECT NO. 4886.94 | MAP NO. G, H9 | SHEET 7 OF 39

14J26C7.DWG

**(33) ℄ CURVE DATA**
R = 300.00'
L = 76.78'
Δ = 014°39'52"
CH= 76.57'
CH. BEARING= N38°26'50"E

**(34) ℄ CURVE DATA**
R = 300.00'
L = 38.03'
Δ = 007°15'46"
CH= 38.00'
CH. BEARING= N34°44'47"E

**(35) ℄ CURVE DATA**
R = 300.00'
L = 26.98'
Δ = 005°09'08"
CH= 26.97'
CH. BEARING= N40°57'14"E




| PT | FL |
|---|---|
| 1 | 15.21 |
| 2 | 15.00 |
| 3 | 15.27 |

| PT | FL |
|---|---|
| 1 | 14.67 |
| 2 | 14.37 |
| 3 | 14.07 |

| PT | FL |
|---|---|
| 1 | 10.52 |
| 2 | 10.46 |
| 3 | 10.69 |

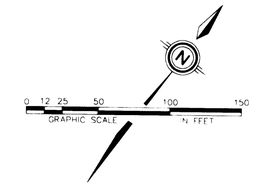
| PT | FL |
|---|---|
| 1 | 10.60 |
| 2 | 10.42 |
| 3 | 10.23 |

| PT | FL |
|---|---|
| 1 | 10.50 |
| 2 | 10.32 |
| 3 | 10.13 |

| PT | FL |
|---|---|
| 1 | 10.04 |
| 2 | 10.28 |
| 3 | 10.20 |

| PT | FL |
|---|---|
| 1 | 08.31 |
| 2 | 08.09 |
| 3 | 07.88 |

| PT | FL |
|---|---|
| 1 | 07.90 |
| 2 | 08.25 |
| 3 | 08.20 |



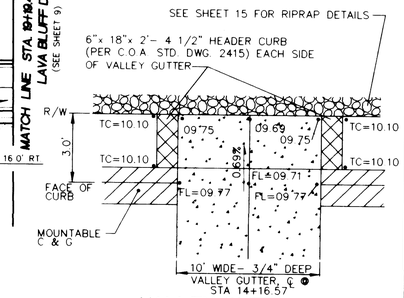

## LEGEND

- ● 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
- WATER BLOCK (HIGH POINT)
- TEMPORARY EROSION CONTROL BERM
- PROPOSED SLOPE
- FLOW ARROW

## KEYNOTES

1. WHEELCHAIR RAMP PER COA STD. DWG. 2441 CASE III
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
11. DEPRESS GUTTER TO MATCH VALLEY GUTTER FROM STA. 14+11.57 TO STA. 14+21.57

SEE SHEET 15 FOR RIPRAP DETAILS



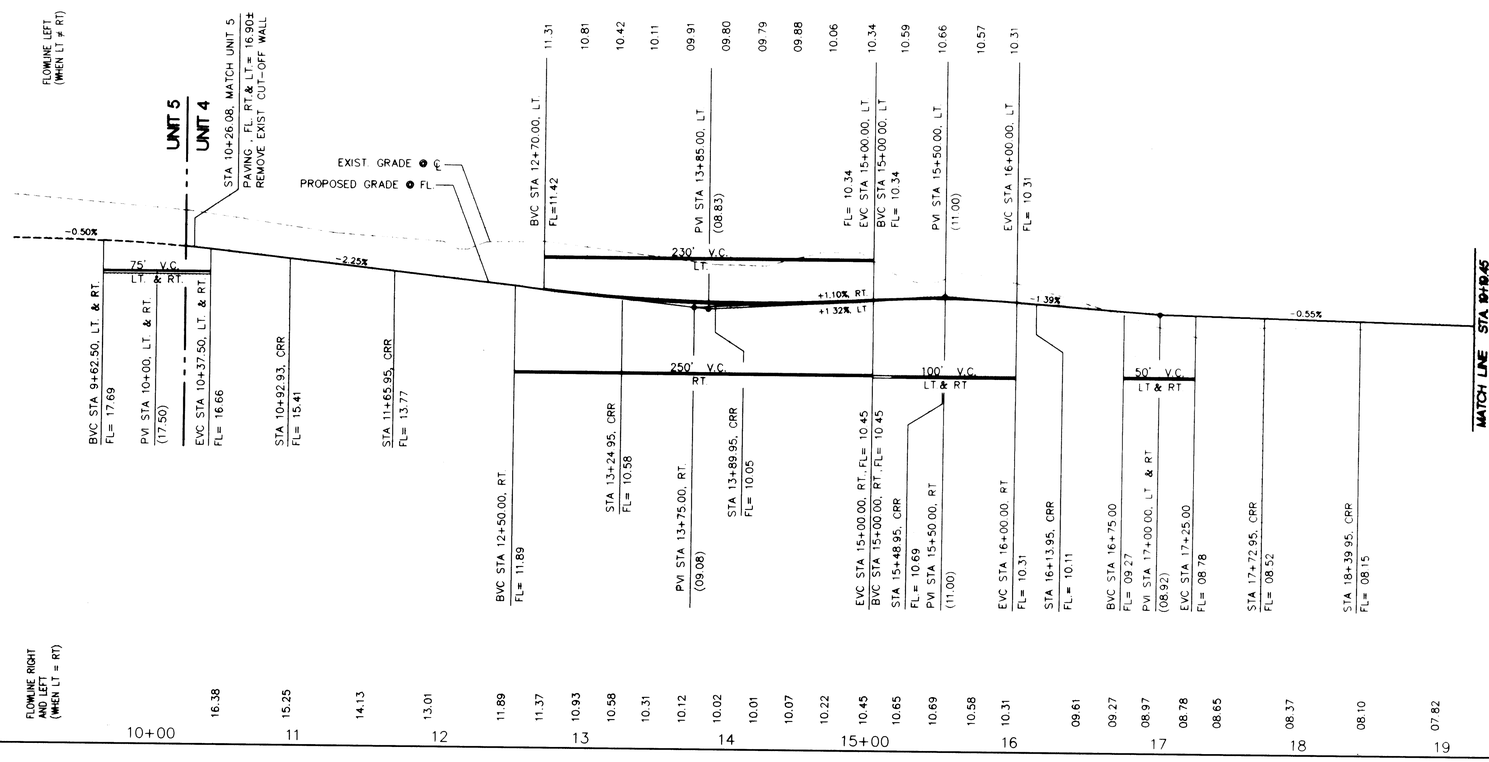

## VALLEY GUTTER DETAIL

N.T.S.

~~NOTE: NOT FOR CONSTRUCTION FOR GRADING AND EROSION CONTROL ONLY~~

## LAVA BLUFF DRIVE N.W.

MOUNTABLE CURB & GUTTER W/ RESIDENTIAL PAVING
(SEE SHEET 7 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 |

**PARKWEST UNIT 4**
**CURVE TABLE**

| CURVE IDEN | RADIUS | ARC | DELTA |
|---|---|---|---|
| A | 20.00 | 35.59 | 101-56-49 |
| B | 20.00 | 31.42 | 090-00-00 |
| C | 20.00 | 31.42 | 090-00-00 |
| 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 | 092-52-03 |
| H | 20.00 | 29.62 | 084-50-32 |
| I | 20.00 | 35.19 | 100-48-11 |
| J | 20.00 | 26.83 | 076-50-57 |
| K | 20.00 | 30.62 | 087-43-13 |
| L | 20.00 | 31.42 | 090-00-00 |
| M | 20.00 | 21.99 | 036-00-00 |

APPROVED FOR ROUGH GRADING
(P.I.I.)
J. Curtin 4-12-95
DATE

SCALE
1" = 50' HORZ.
1" = 10' VERT.

JOB NO. 14376.041

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

SCANNED BY
BY LASON

2 3 4 5 6 7 8 9 10 11 12 13 14 15
26-4886.94 0897

**AS BUILT INFORMATION**

| | | |
|---|---|---|
| CONTRACTOR | | |
| WORK STAKED BY | | DATE |
| INSPECTORS ACCEPTANCE BY | | DATE |
| FIELD VERIFICATION BY | | DATE |
| DRAWINGS CORRECTED BY | | DATE |

**MICRO-FILM INFORMATION**

| | |
|---|---|
| RECORDED BY | DATE |
| NO. | |

**BENCH MARKS**

ACS BRASS TABLE 1" 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**

Rev 5-25-95

| NO. | DATE | REMARKS | BY |
|---|---|---|---|
| | | REVISIONS | |

| | | |
|---|---|---|
| DESIGN | | |
| DESIGNED BY | S.R. | DATE MARCH, 1995 |
| DRAWN BY | A.V. | DATE MARCH, 1995 |
| CHECKED BY | J.C.H. | DATE MARCH, 1995 |

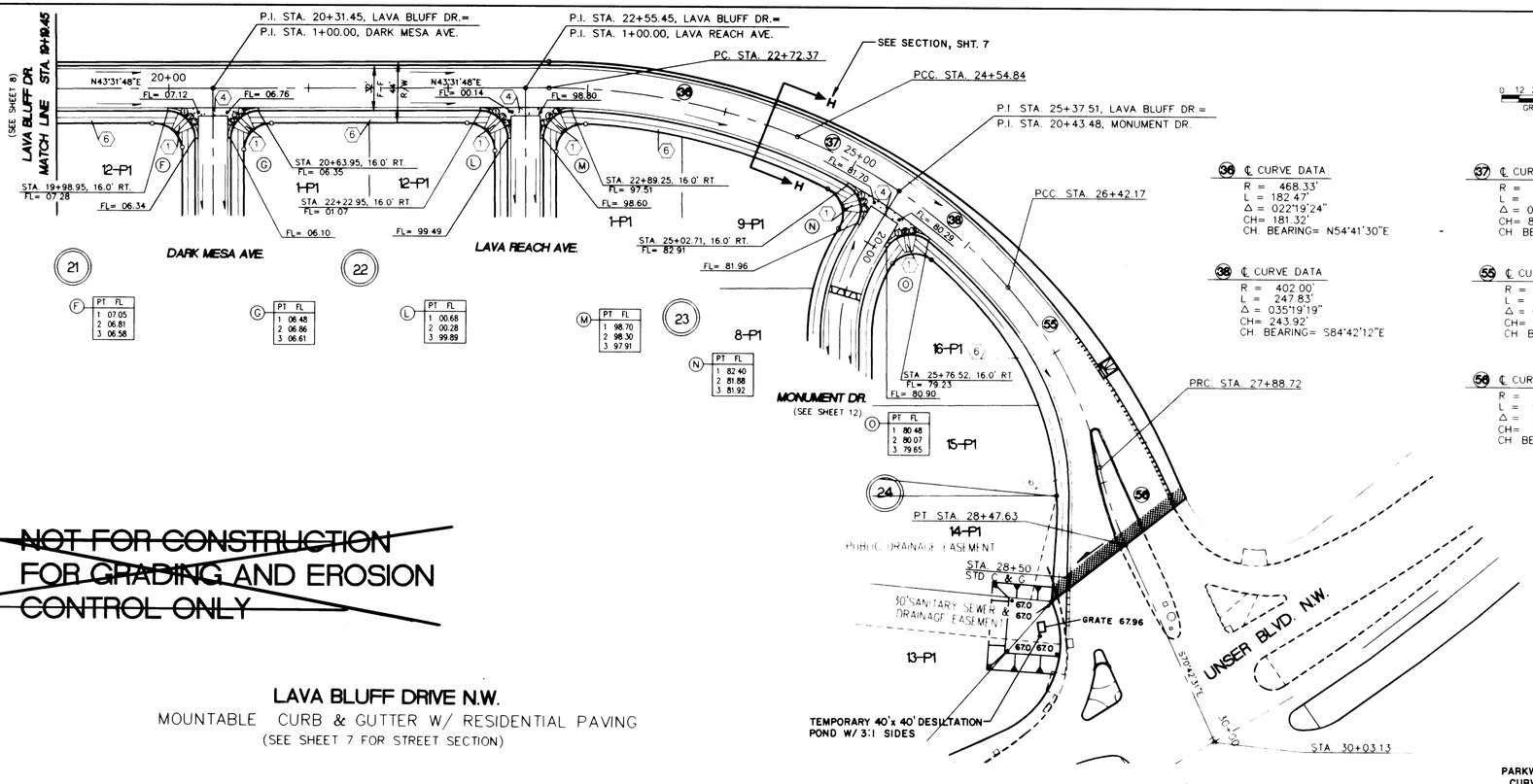
CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: PARKWEST-UNIT 5 (OFFSITE GRADING)
GRADING & EROSION CONTROL PLAN
LAVA BLUFF DRIVE N.W.

| APPROVALS | ENGINEER | DATE | APPROVALS | ENGINEER | DATE |
|---|---|---|---|---|---|
| DRC CHAIRMAN | | | WATER | N/A RWC | 6-5-95 |
| TRANSPORTATION | N/A RWC | 6-02-95 | WASTE WATER | N/A RWC | 6-5-95 |
| HYDROLOGY | J. Curtin | 9-19-95 | A.M.A.F.C.A. | | |
| PARKS & REC. | | | | | |

| PROJECT NO. | MAP NO. | SHEET |
|---|---|---|
| 4886.94 | G,H-9 | 8 OF 39 |

COA MASTER UTILITY COORDINATION - 09/08/95

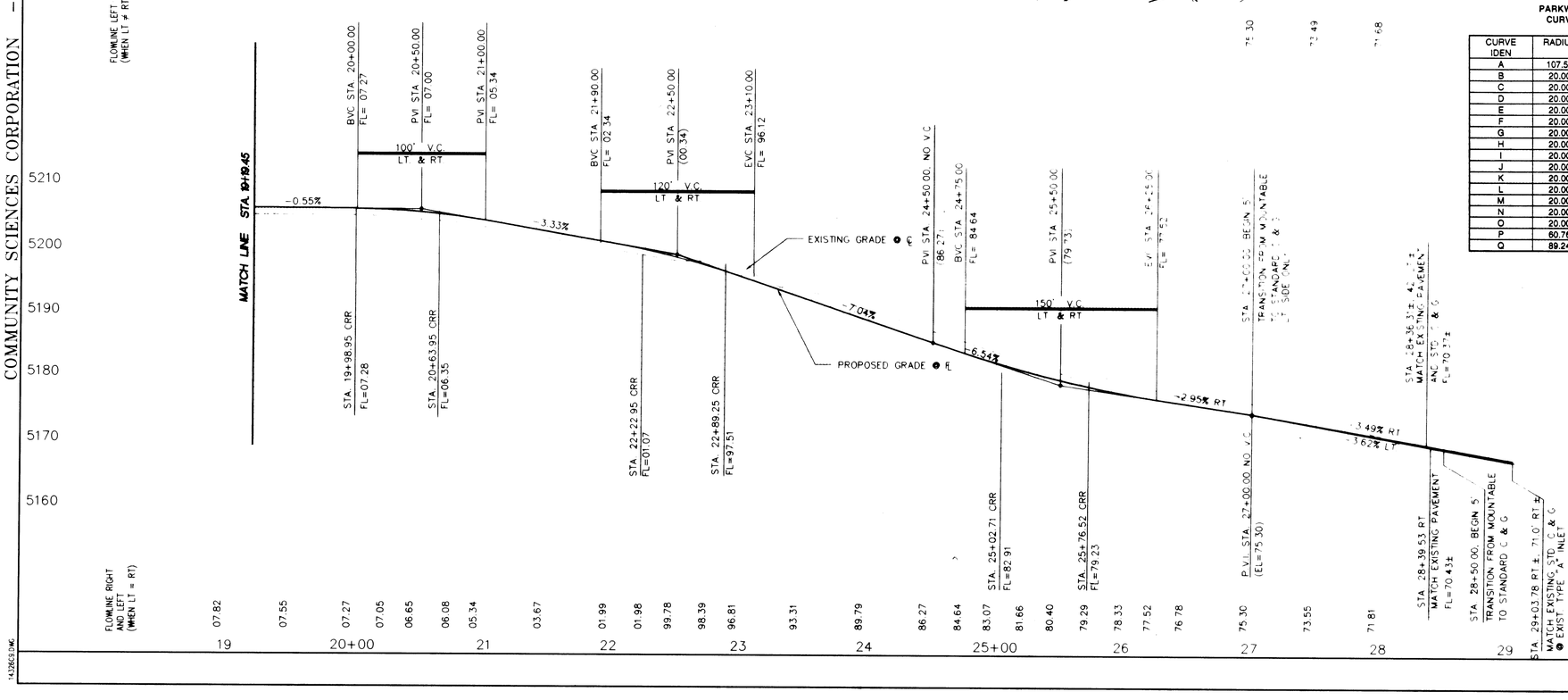



~~NOTE: NOT FOR CONSTRUCTION FOR GRADING AND EROSION CONTROL ONLY~~

## LAVA BLUFF DRIVE N.W.

MOUNTABLE CURB & GUTTER W/ RESIDENTIAL PAVING

(SEE SHEET 7 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 |

### ℄ CURVE DATA

(36) R = 468.33' L = 182.47' Δ = 022°19'24" CH= 181.32' CH. BEARING= N54°41'30"E

(37) R = 402.00' L = 82.67' Δ = 011°46'57" CH= 82.52' CH. BEARING= N71°44'40"E

(38) R = 402.00' L = 247.83' Δ = 035°19'19" CH= 243.92' CH. BEARING= S84°42'12"E

(55) R = 300.00' L = 146.55' Δ = 027°59'20" CH= 145.10' CH. BEARING= S73°27'08"E

(56) R = 300.00' L = 58.91' Δ = 011°15'03" CH= 58.81' CH. BEARING= N64°04'59"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
- WATER BLOCK (HIGH POINT)
- TEMPORARY EROSION CONTROL BERM
- PROPOSED SLOPE
- FLOW ARROW

### KEYNOTES:

1. WHEELCHAIR RAMP PER COA STD. DWG. 2441 CASE "A"
2. WHEELCHAIR RAMP PER COA STD. DWG. 2441 CASE "B"
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

### BENCH MARKS

A"G" 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. & QUIRAY RD. N.W., 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 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

### AS BUILT INFORMATION

CONTRACTOR — DATE
WORK STAKE BY — DATE
INSPECTOR'S ACCEPTANCE BY — DATE
FIELD FABRICATION BY — DATE
DRAWINGS CORRECTED BY — DATE

### MICRO-FILM INFORMATION

RECORDED BY — DATE
NO

### SURVEY INFORMATION

FIELD NOTES

| NO. | BY | DATE |
|---|---|---|
| 1 | COMMUNITY SCIENCES | |

ENGINEER'S SEAL

26-4886.94 09997

APPROVED FOR ROUGH GRADING (4-12-95) — 4-12-95 DATE

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

JOB NO. 14326.041

| NO. | DATE | REMARKS | BY |
|---|---|---|---|
| | | REVISIONS | |

DESIGN

| | | | |
|---|---|---|---|
| DESIGNED BY | S.R.L. | DATE | MARCH, 1995 |
| DRAWN BY | A.M. | DATE | MARCH, 1995 |
| CHECKED BY | J.D.H. | DATE | MARCH, 1995 |

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: PARKWEST-UNIT 5 (OFFSITE GRADING)
GRADING & EROSION CONTROL PLAN
LAVA BLUFF DRIVE N.W.

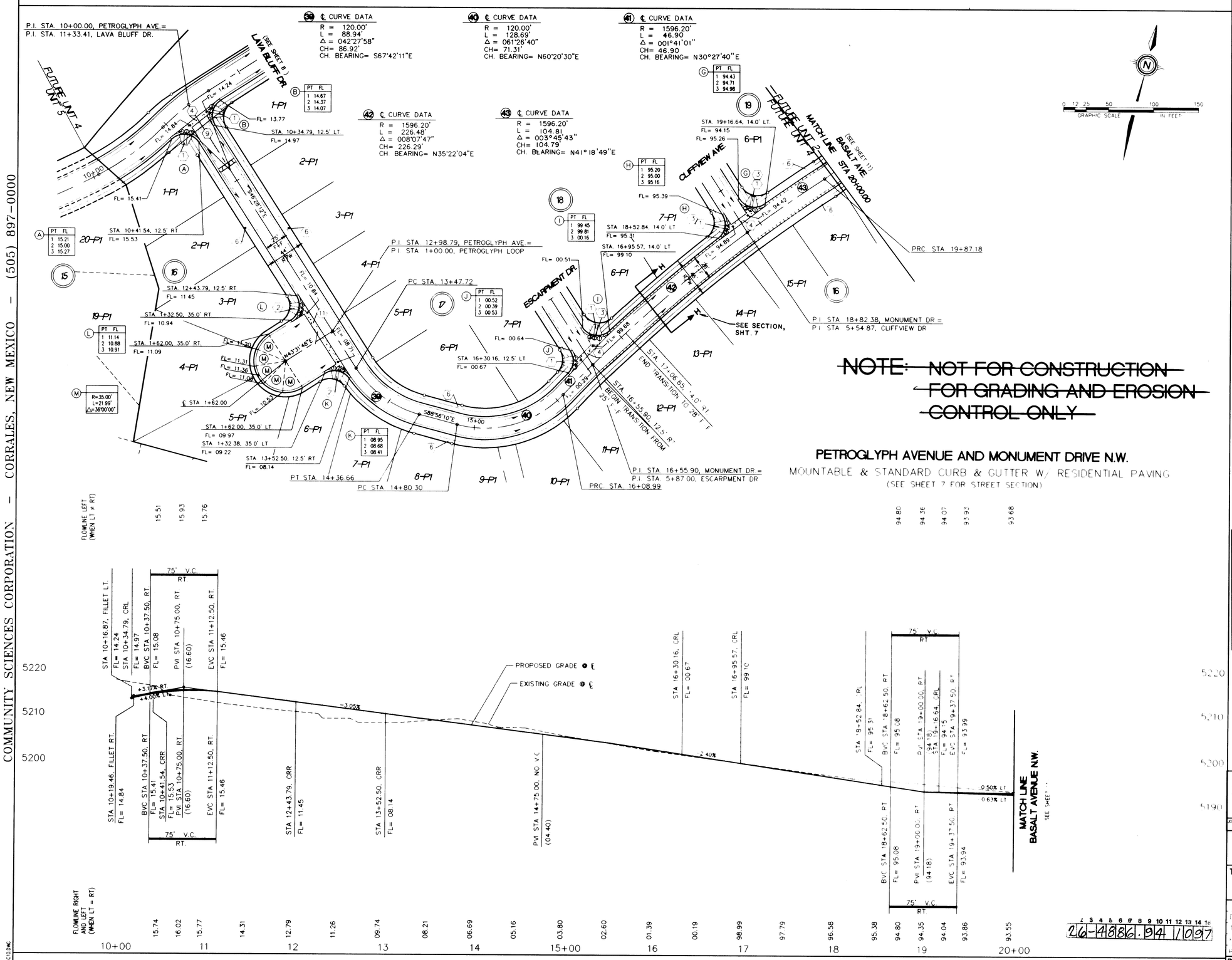
| APPROVALS | ENGINEER | DATE | APPROVALS | ENGINEER | DATE |
|---|---|---|---|---|---|
| DRC CHAIRMAN | | | WATER | N/A | 6-5-95 |
| TRANSPORTATION | N/A | | WASTE WATER | N/A | 6-5-95 |
| HYDROLOGY | | 6-02-95 | A.M.A.F.C.A. | | |
| PARKS & REC. | | 9-1995 | | | |

PROJECT NO. 4886.94 | MAP NO. G,H-9 | SHEET 9 OF 39

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

SCANNED BY ~~BY LASON~~

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




~~NOTE: NOT FOR CONSTRUCTION FOR GRADING AND EROSION CONTROL ONLY~~

## PETROGLYPH AVENUE AND MONUMENT DRIVE N.W.

MOUNTABLE & STANDARD CURB & GUTTER W/ RESIDENTIAL PAVING

(SEE SHEET 7 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
- WATER BLOCK (HIGH POINT)
- TEMPORARY EROSION CONTROL BERM
- PROPOSED SLOPE
- FLOW ARROW

## KEYNOTES:

1. WHEELCHAIR RAMP PER COA STD. DWG. 2441 CASE I
2. WHEELCHAIR RAMP PER COA STD. DWG. 2441 CASE II
3. MOUNTABLE TO STANDARD CURB TRANSITION PER COA STD. DWG. 2418
4. CONC. VALLEY GUTTER PER COA STD. DWG. 2420
5. SPECIAL CONC. VALLEY GUTTER PER COA STD. DWG. 2422
6. FUTURE 4' SIDEWALK, BY OTHERS
7. PROPOSED 4' SIDEWALK, THIS CONTRACT
8. PROPOSED 6' SIDEWALK, THIS CONTRACT
9. 50' CROWN TRANSITION PER COA STD. DWG. 2401
10. CUT-OFF WALL (FULL STREET WIDTH, 24" DEEP x 8" THICK) PER COA STD. DWG. NO. 2415
11. CONC. VALLEY GUTTER PER COA STD. DWG. 2421

### PARKWEST UNIT 4 CURVE TABLE

| CURVE IDEN | RADIUS | ARC | DELTA |
|---|---|---|---|
| A | 20.00 | 35.59 | 101-56-49 |
| B | 20.00 | 31.42 | 090-00-00 |
| C | 20.00 | 31.42 | 090-00-00 |
| 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 | 092-52-03 |
| H | 20.00 | 29.62 | 084-50-32 |
| I | 20.00 | 35.19 | 100-48-11 |
| J | 20.00 | 26.83 | 076-50-57 |
| K | 20.00 | 30.62 | 087-43-13 |
| L | 20.00 | 31.42 | 090-00-00 |
| M | 20.00 | 21.99 | 036-00-00 |

APPROVED FOR ROUGH GRADING (B.F.T.)

J Curtin 4-12-95
CITY ENGINEER DATE

community sciences corporation
LAND PLANNING ENGINEERING SURVEYING
P.O. Box 328 Corrales, N.M. 87048

JOB NO. 4886.04

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: PARKWEST-UNIT 5 (OFFSITE GRADING)
GRADING & EROSION CONTROL PLAN
PETROGLYPH AVE. & MONUMENT DRIVE

| APPROVALS | ENGINEER | DATE | APPROVALS | ENGINEER | DATE |
|---|---|---|---|---|---|
| DRC CHAIRMAN | | | WATER | N/A | RWK 6-5-95 |
| TRANSPORTATION | N/A | N/A | WASTE WATER | N/A | RWK 6-5-95 |
| HYDROLOGY | J Curtin | 6-06-95 9-19-95 | A.M.A.F.C.A. | | |
| PARKS & REC | | | | | |

PROJECT NO. 4886.94 | MAP NO. G,H-9 | SHEET 10 OF 39

26-4886.94 1/097

AS BUILT INFORMATION
CONTRACTOR / WORK STAKE BY / INSPECTOR'S FIELD CHANGES BY / FIELD VERIFICATION BY / DRAWINGS CORRECTED BY — 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. & 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 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 |
|---|---|---|
| | COMMUNITY SCIENCES | |

ENGINEER'S SEAL
Rev 5-25-95

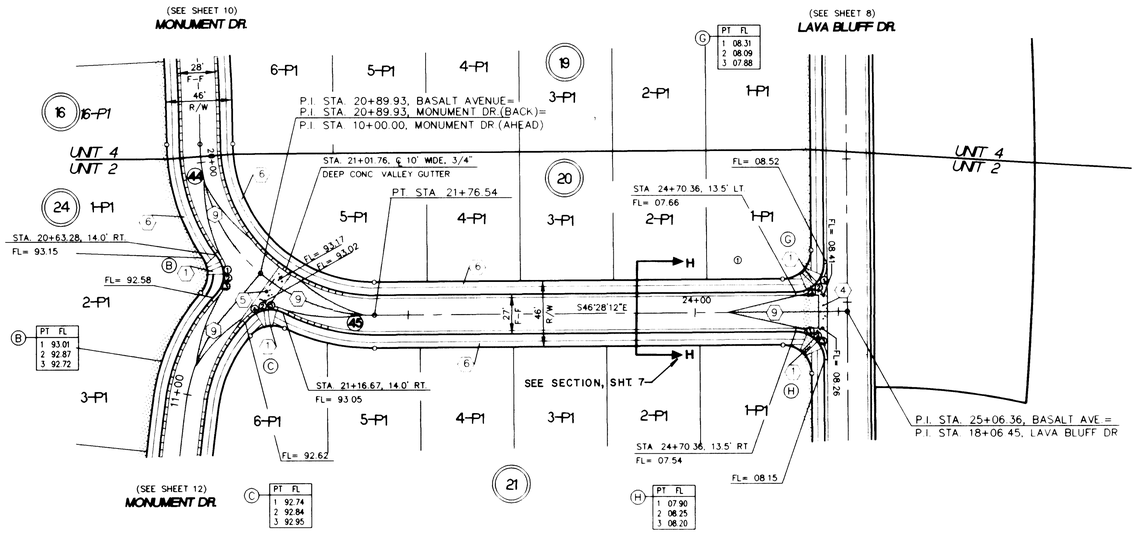
| NO. | DATE | REMARKS | BY |
|---|---|---|---|
| | | REVISIONS | |

DESIGNED BY S.R. DATE MARCH, 1995
DRAWN BY A.M. DATE MARCH, 1995
CHECKED BY J.D.H. DATE MARCH, 1995

SCANNED BY BY LASON

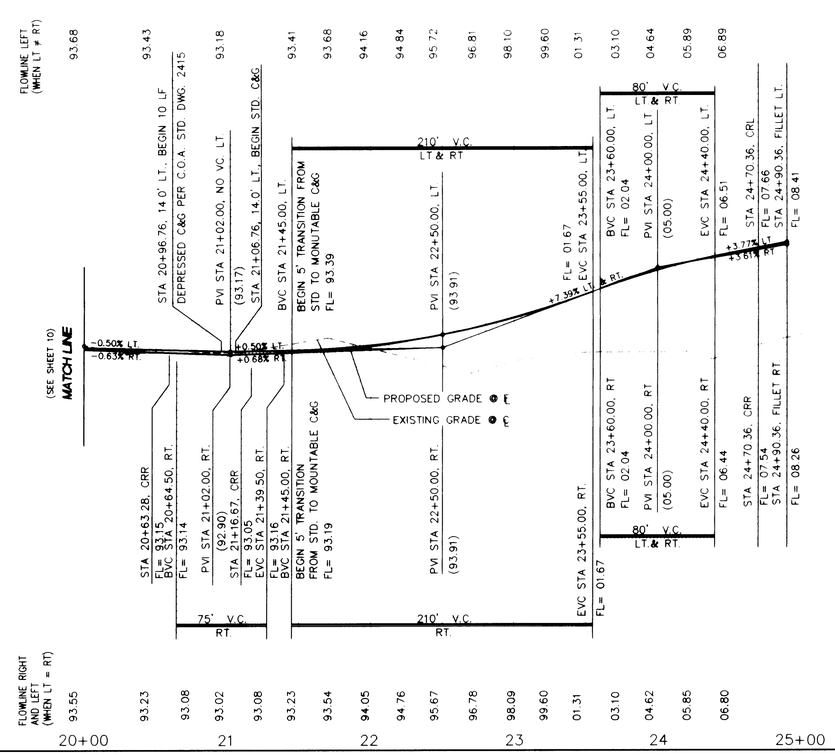
**(44) ℄ CURVE DATA**
R = 121.00'
L = 102.74'
Δ = 048°39'03"
CH= 99.68'
CH. BEARING= N18°52'09"E

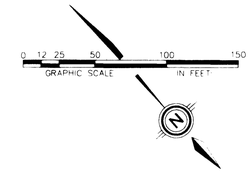
**(45) ℄ CURVE DATA**
R = 121.00'
L = 86.61'
Δ = 041°00'50"
CH= 84.78'
CH. BEARING= S25°57'47"E




## BASALT AVENUE N.W.

MOUNTABLE CURB & GUTTER W/ RESIDENTIAL PAVING
(SEE SHEET 7 FOR STREET SECTION)




~~NOTE: NOT FOR CONSTRUCTION FOR GRADING AND EROSION CONTROL ONLY~~

## 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 C.O.A. STD. DWG. 2441 CASE "B"
2. WHEELCHAIR RAMP PER C.O.A. STD. DWG. 2441 CASE "A"
3. MOUNTABLE TO STANDARD CURB TRANSITION PER C.O.A. STD. DWG. 2418
4. CONC. VALLEY GUTTER PER C.O.A. 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. 2418

**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 / DATE
WORK STAKED BY / DATE
FINAL CHECKS BY / DATE
ACCEPTANCE BY / DATE
VERIFICATION BY / DATE
DRAWINGS CORRECTED BY / DATE
**MICRO-FILM INFORMATION**
RECORDED BY / DATE
NO

**BENCH MARKS**
ACS BRASS TABLET STAMPED "2, 03" 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 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.
S.D. 1929 ELEVATION = 5334.50 FEET

**SURVEY INFORMATION**
FIELD NOTES

| NO. | BY | DATE |
|---|---|---|
| - | COMMUNITY SCIENCES | |

**ENGINEER'S SEAL**
7-14-95
Rev 5-25-95

| NO. | DATE | REMARKS | BY |
|---|---|---|---|
| | | REVISIONS | |

DESIGN
DESIGNED BY S.R. DATE MARCH, 1995
DRAWN BY A.V. DATE MARCH, 1995
CHECKED BY DATE MARCH, 1995

APPROVED FOR ROUGH GRADING
4-12-96

community sciences corporation
ANALYZE PLANNING DESIGN
ENGINEERING
SURVEYING
Corrales, N.M. 87048

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: PARKWEST-UNIT 5 (OFFSITE GRADING)
GRADING & EROSION CONTROL PLAN
BASALT AVENUE N.W.

| APPROVALS | ENGINEER | DATE | APPROVALS | ENGINEER | DATE |
|---|---|---|---|---|---|
| REL. CHAIRMAN | | | WATER | N/A | |
| TRANSPORTATION | N/A | | WASTE WATER | RWK | 6-5-95 |
| HYDROLOGY | RHD | 6-02-95 | A.M.A.F.C.A. | N/A | |
| PARKS & REC. | | 9-19-95 | | RWK | 6-5-95 |

PROJECT NO. 4886.94 | MAP NO. G,H-9 | SHEET 11 OF 39

2 3 4 5 6 7 8 9 10 11 12 13 14
26-4886.94 1 1 97

SCANNED BY
BY LASON

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

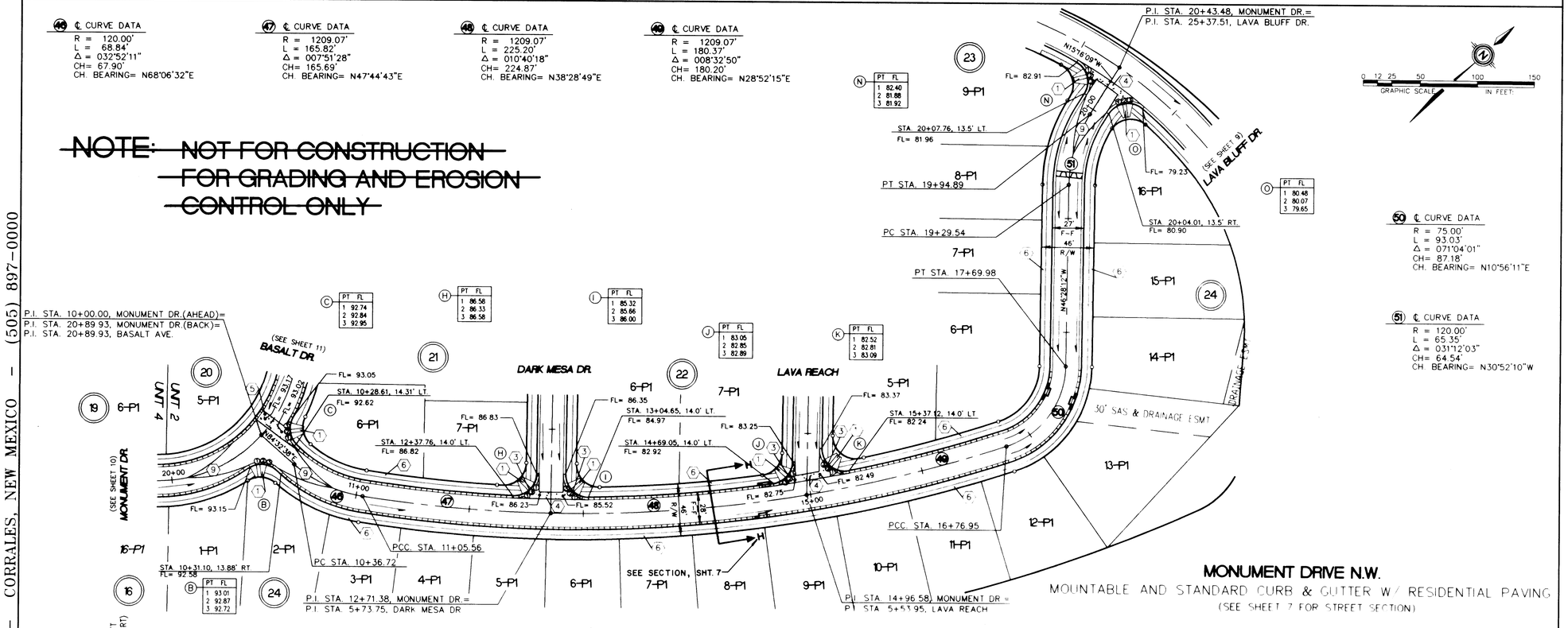
~~NOTE: NOT FOR CONSTRUCTION FOR GRADING AND EROSION CONTROL ONLY~~

**(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




| PT | FL |
|---|---|
| 1 | 92.74 |
| 2 | 92.84 |
| 3 | 92.95 |

| PT | FL |
|---|---|
| 1 | 86.58 |
| 2 | 86.33 |
| 3 | 86.58 |

| PT | FL |
|---|---|
| 1 | 85.32 |
| 2 | 85.86 |
| 3 | 86.00 |

| PT | FL |
|---|---|
| 1 | 83.05 |
| 2 | 82.85 |
| 3 | 82.89 |

| PT | FL |
|---|---|
| 1 | 82.52 |
| 2 | 82.81 |
| 3 | 83.09 |

| PT | FL |
|---|---|
| 1 | 82.40 |
| 2 | 81.88 |
| 3 | 81.92 |

| PT | FL |
|---|---|
| 1 | 80.48 |
| 2 | 80.07 |
| 3 | 79.65 |

| PT | FL |
|---|---|
| 1 | 93.01 |
| 2 | 92.87 |
| 3 | 92.72 |

**MONUMENT DRIVE N.W.**
MOUNTABLE AND STANDARD CURB & GUTTER W/ RESIDENTIAL PAVING
(SEE SHEET 7 FOR STREET SECTION)

GRAPHIC SCALE 0 12 25 50 100 150 IN FEET

## 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
- WATER BLOCK (HIGH POINT)
- TEMPORARY EROSION CONTROL BERM
- PROPOSED SLOPE
- FLOW ARROW

**(50) ℄ CURVE DATA**
R = 75.00'
L = 93.03'
Δ = 071°04'01"
CH= 87.18'
CH. BEARING= N10°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

## 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 | DATE
WORK STAKE BY | DATE
INSPECTOR'S ACCEPTANCE | DATE
FIELD VERIFICATION BY | DATE
DRAWINGS 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. & 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**
**FIELD NOTES**

| NO. | BY | DATE |
|---|---|---|
| | COMMUNITY SCIENCES | |

**ENGINEER'S SEAL**
NEW MEXICO PROFESSIONAL ENGINEER 7894
5-25-95

| NO. | DATE | REMARKS | BY |
|---|---|---|---|
| | | REVISIONS | |

DESIGNED BY S.R.L. DATE MARCH, 1995
DRAWN BY A.M. DATE MARCH, 1995
CHECKED BY J.D.H. DATE MARCH, 1995

APPROVED FOR ROUGH GRADING
(SEE BELOW)
CITY HYDROLOGY 4-12-95 DATE

community sciences corporation
LAND PLANNING ENGINEERING SURVEYING
P.O. Box 1128 Corrales, N.M. 87048

JOB NO. 4386.04

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: PARKWEST-UNIT 5 (OFFSITE GRADING)
GRADING & EROSION CONTROL PLAN
MONUMENT DRIVE N.W.

| APPROVALS | ENGINEER | DATE | APPROVALS | ENGINEER | DATE |
|---|---|---|---|---|---|
| DRC CHAIRMAN | | | WATER | N/A RWK | 6-5-95 |
| TRANSPORTATION | N/A RHD | 6-02-95 | WASTE WATER | N/A RWK | 6-5-95 |
| HYDROLOGY | J Martin | 9-19-95 | A.M.A.F.C.A. | | |
| PARKS & REC. | | | | | |

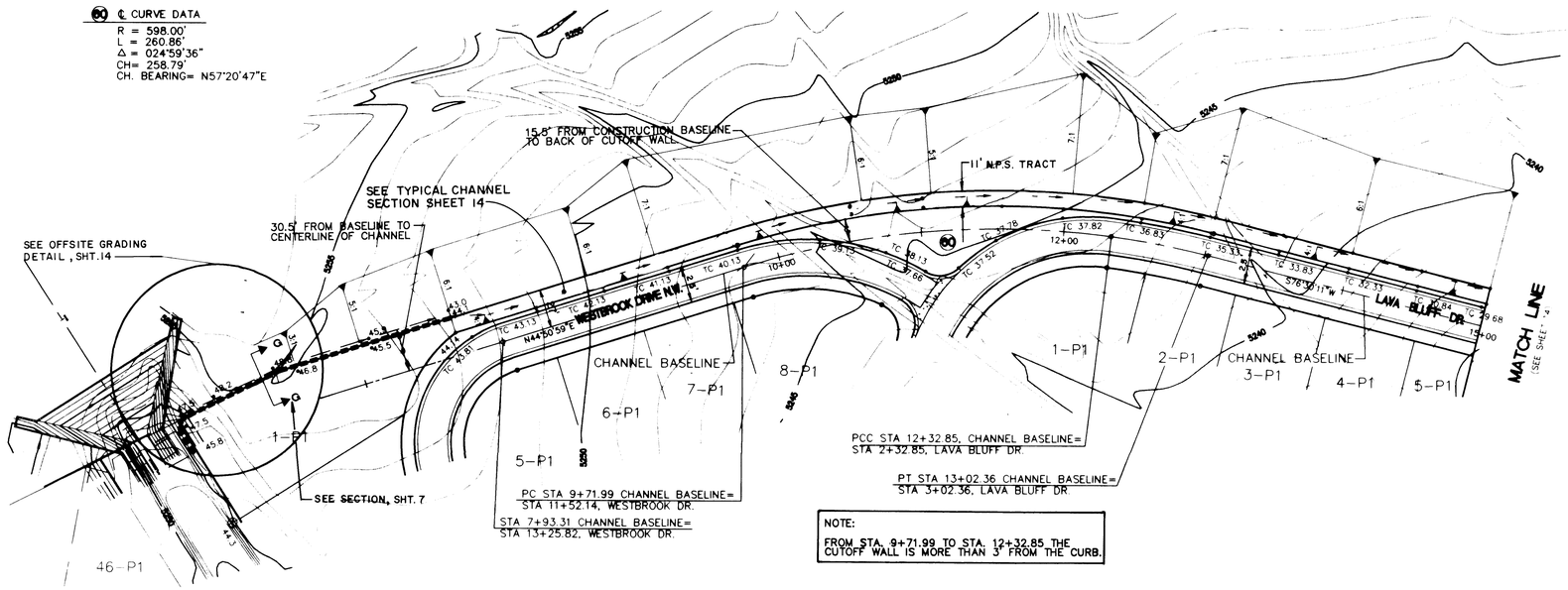
PROJECT NO. 4886.94 | MAP NO. G,H-9 | SHEET 12 OF 39

26-4886.94 1297

SCANNED BY BY LASON

1428CT2.DWG

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

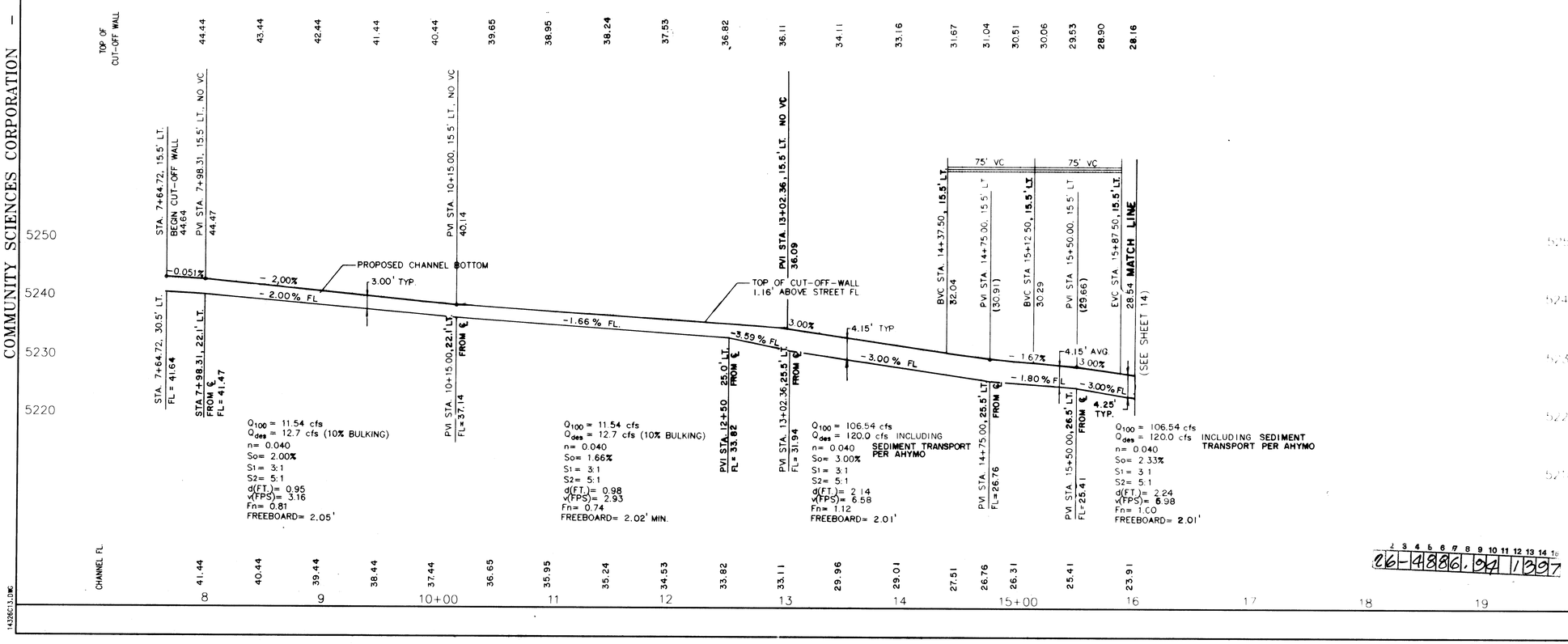



## LEGEND

- TC 98.43 — PROPOSED TOP OF CURB ELEVATION
- 99.0 — PROPOSED SPOT ELEVATION
- 09.0 — EXISTING SPOT ELEVATION (GRND & TC)
- TEMPORARY EROSION CONTROL BERM
- PROPOSED CONCRETE VALLEY GUTTER
- EXISTING CURB & GUTTER
- PROPOSED MOUNTABLE CURB & GUTTER
- PROPOSED STANDARD CURB & GUTTER
- 497.3 — EXISTING CONTOUR W/ INDEX ELEVATION
- PROPOSED SLOPE
- DRAINAGE BASIN DIVIDE
- UNIT BOUNDARY
- SWALE
- FLOW ARROW
- PROPOSED RETAINING WALL
- 30" SD — EXISTING STORM DRAIN
- 30" SD — PROPOSED STORM DRAIN
- WATER BLOCK (HIGH POINT)

## CHANNEL ALONG WESTBROOK DR. AND LAVA BLUFF DR.

(SEE SHEET 14 FOR TYPICAL CROSS SECTION)




26-4886.94 1397

14326013.DWG

SCANNED BY BY LASON

## AS BUILT INFORMATION

CONTRACTOR: WORK STAKE BY / INSPECTION BY / ACCEPTANCE BY / FIELD VERIFICATION BY / DRAWINGS CORRECTED BY — DATE

DLW

## 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

No. 5-2545 5-14-95

APPROVED FOR ROUGH GRADING (± 1 FT.)
CITY HYDROLOGY — 4-12-95 DATE

| NO. | DATE | REMARKS | BY |
|---|---|---|---|
| 1 | 9-6-95 | General Revisions | DLW |

REVISIONS

DESIGN

DESIGNED BY S.R. DATE MARCH, 1995
DRAWN BY A.M. DATE MARCH, 1995
CHECKED BY JOHN DATE MARCH, 1995

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

JOB NO 14326.041

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

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: PARKWEST-UNIT 5
CHANNEL PLAN & PROFILE
GRADING AND EROSION CONTROL PLAN

| APPROVALS | ENGINEER | DATE | APPROVALS | ENGINEER | DATE |
|---|---|---|---|---|---|
| DRC CHAIRMAN | | | WATER | N/A | 6-5-95 |
| TRANSPORTATION | N/A | 6-02-95 | WASTE WATER | N/A | 6-5-95 |
| HYDROLOGY | | 9-19-95 | A.M.A.F.C.A. | | |
| PARKS & REC. | | | | | |

PROJECT NO. 4886.94 | MAP NO. G,H-9 | SHEET 13 OF 39

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

(28) ℄ CURVE DATA
R = 674.13'
L = 48.04'
Δ = 004°04'59"
CH = 48.03'
CH-BEARING = S78°32'41"W

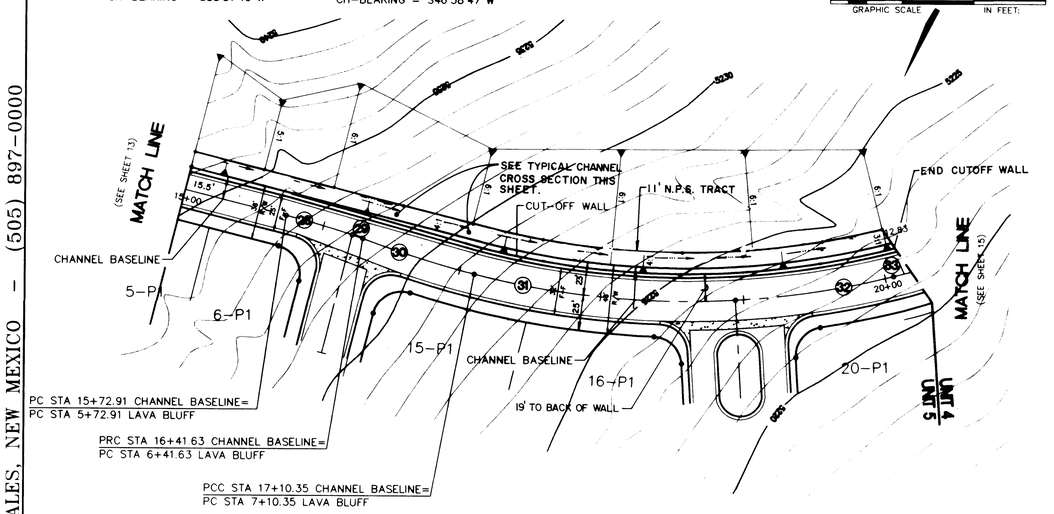
(29) ℄ CURVE DATA
R = 674.13'
L = 20.68'
Δ = 001°45'29"
CH = 20.68'
CH-BEARING = S81°27'55"W

(30) ℄ CURVE DATA
R = 674.13'
L = 68.72'
Δ = 005°50'28"
CH = 68.69'
CH-BEARING = S79°25'25"W

(31) ℄ CURVE DATA
R = 598.13'
L = 184.02'
Δ = 017°37'38"
CH = 183.29'
CH-BEARING = S67°41'22"W

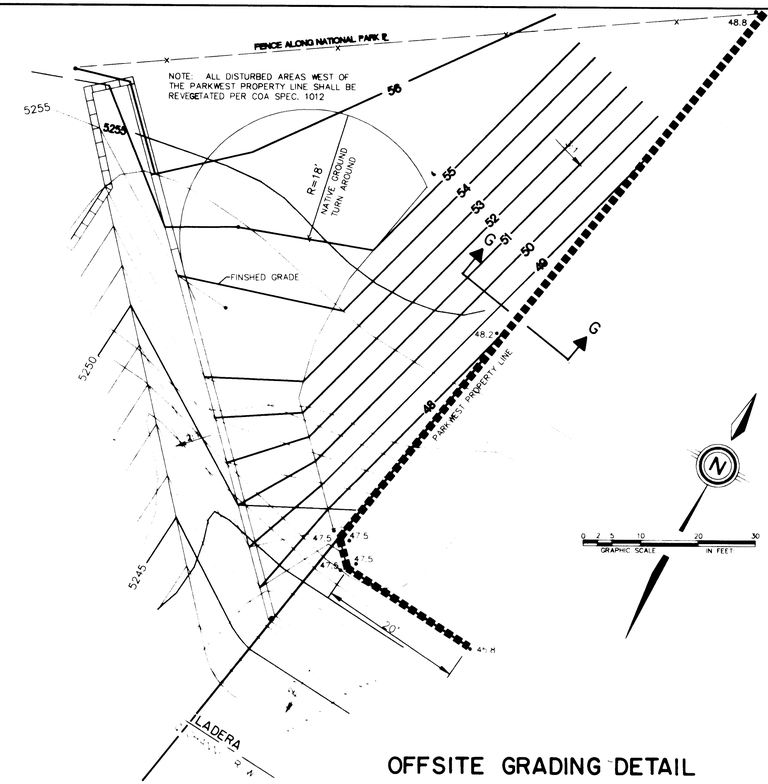
(32) ℄ CURVE DATA
R = 598.13'
L = 111.66'
Δ = 010°41'45"
CH = 111.50'
CH-BEARING = S53°31'40"W

(33) ℄ CURVE DATA
R = 300.00'
L = 12.57'
Δ = 002°24'01"
CH = 12.57'
CH-BEARING = S46°58'47"W

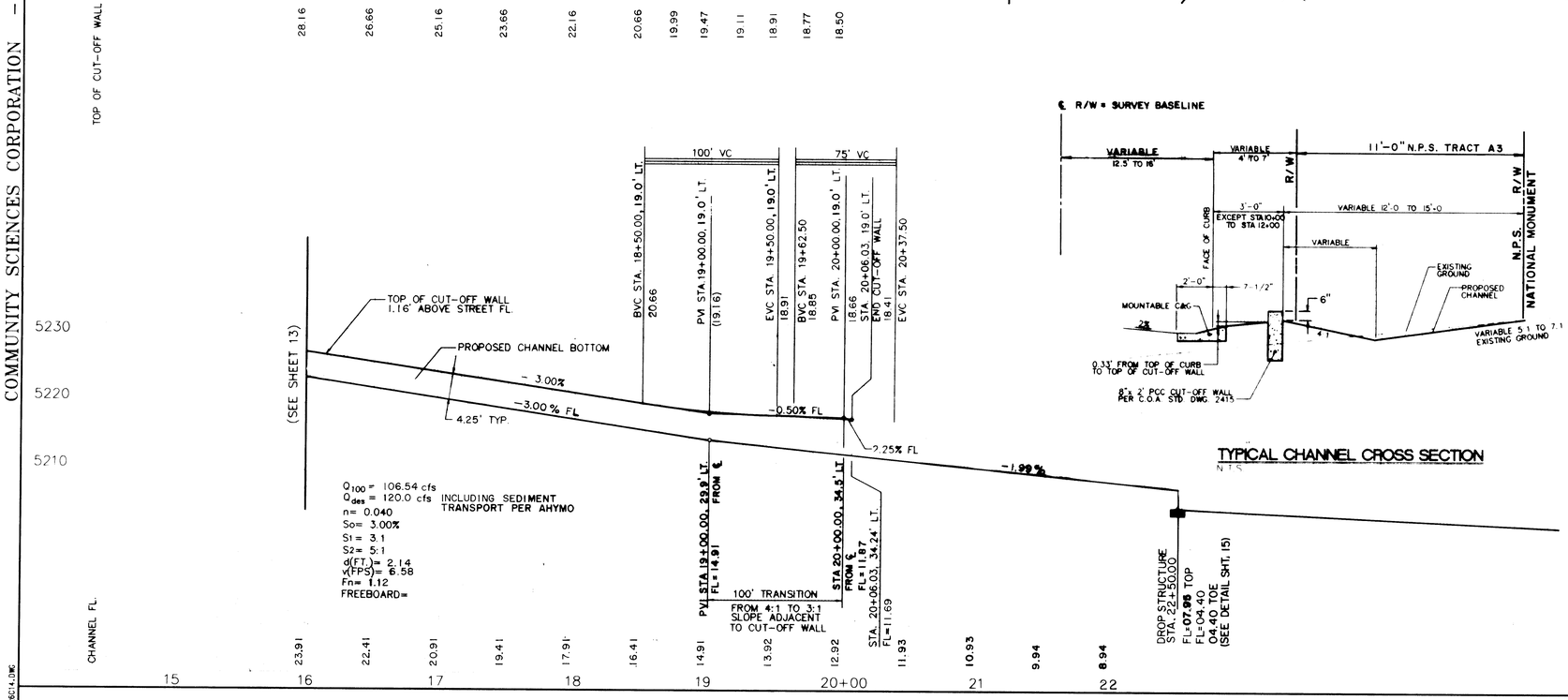



## CHANNEL ALONG WESTBROOK DR. AND LAVA BLUFF DR..

(SEE SHEET 16 FOR TYPICAL CROSS SECTION)




## OFFSITE GRADING DETAIL







## TYPICAL CHANNEL CROSS SECTION

N.T.S.

2 3 4 5 6 7 8 9 10 11 12 13 14 15
26-4886.1.9.9 1/4 97

## LEGEND

| | |
|---|---|
| • TC 98.43 | PROPOSED TOP OF CURB ELEVATION |
| • 99.0 | PROPOSED SPOT ELEVATION |
| 09.0 ⊗ | EXISTING SPOT ELEVATION (GRND & TC) |
| | TEMPORARY EROSION CONTROL BERM |
| | PROPOSED CONCRETE VALLEY GUTTER |
| | EXISTING CURB & GUTTER |
| | PROPOSED MOUNTABLE CURB & GUTTER |
| | PROPOSED STANDARD CURB & GUTTER |
| — 4973 — | EXISTING CONTOUR W/ INDEX ELEVATION |
| | PROPOSED SLOPE |
| | DRAINAGE BASIN DIVIDE |
| | UNIT BOUNDARY |
| | SWALE |
| | FLOW ARROW |
| | PROPOSED RETAINING WALL |
| - - 30" SD - - | EXISTING STORM DRAIN |
| — 30" SD — | PROPOSED STORM DRAIN |
| | WATER BLOCK (HIGH POINT) |
| | CUT OFF WALL |

**AS BUILT INFORMATION**

| | | |
|---|---|---|
| CONTRACTOR | | |
| WORK STAKED BY | | DATE |
| INSPECTOR'S ACCEPTANCE BY | | DATE |
| CERTIFICATION BY | | DATE |
| DRAWINGS CORRECTED BY | | DATE |
| 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. & 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**

FIELD NOTES

| NO. | BY | DATE |
|---|---|---|
| 1 | COMMUNITY SCIENCES | |

**ENGINEER'S SEAL**

Rev 5-25-95

| NO. | DATE | REMARKS | BY |
|---|---|---|---|
| 1 | 9-6-95 | General Revisions | DLW |

REVISIONS

DESIGN

| | | |
|---|---|---|
| DESIGNED BY | S.R.L. | DATE MARCH, 1995 |
| DRAWN BY | A.M. | DATE MARCH, 1995 |
| CHECKED BY | J.D.H. | DATE MARCH, 1995 |

APPROVED FOR ROUGH GRADING (± 1 FT.)

J. Curtis 4-12-95
CITY HYDROLOGY DATE

SCALE: 1" = 50' HORIZ. 1" = 5' VERT.

JOB NO 14326 (34)

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 5
CHANNEL PLAN & PROFILE
GRADING AND EROSION CONTROL PLAN

| APPROVALS | ENGINEER | DATE | APPROVALS | ENGINEER | DATE |
|---|---|---|---|---|---|
| DRC CHAIRMAN | | | WATER | N/A | 6-5-95 |
| TRANSPORTATION | N/A | 6-02-95 | WASTE WATER | N/A | 6-5-95 |
| HYDROLOGY | | | A.M.A.F.C.A. | | |
| PARKS & REC. | | | | | |

PROJECT NO. 4886.94 | MAP NO. G,H-9 | SHEET 14 OF 39

14326C14.DWG

SCANNED BY BY LASON

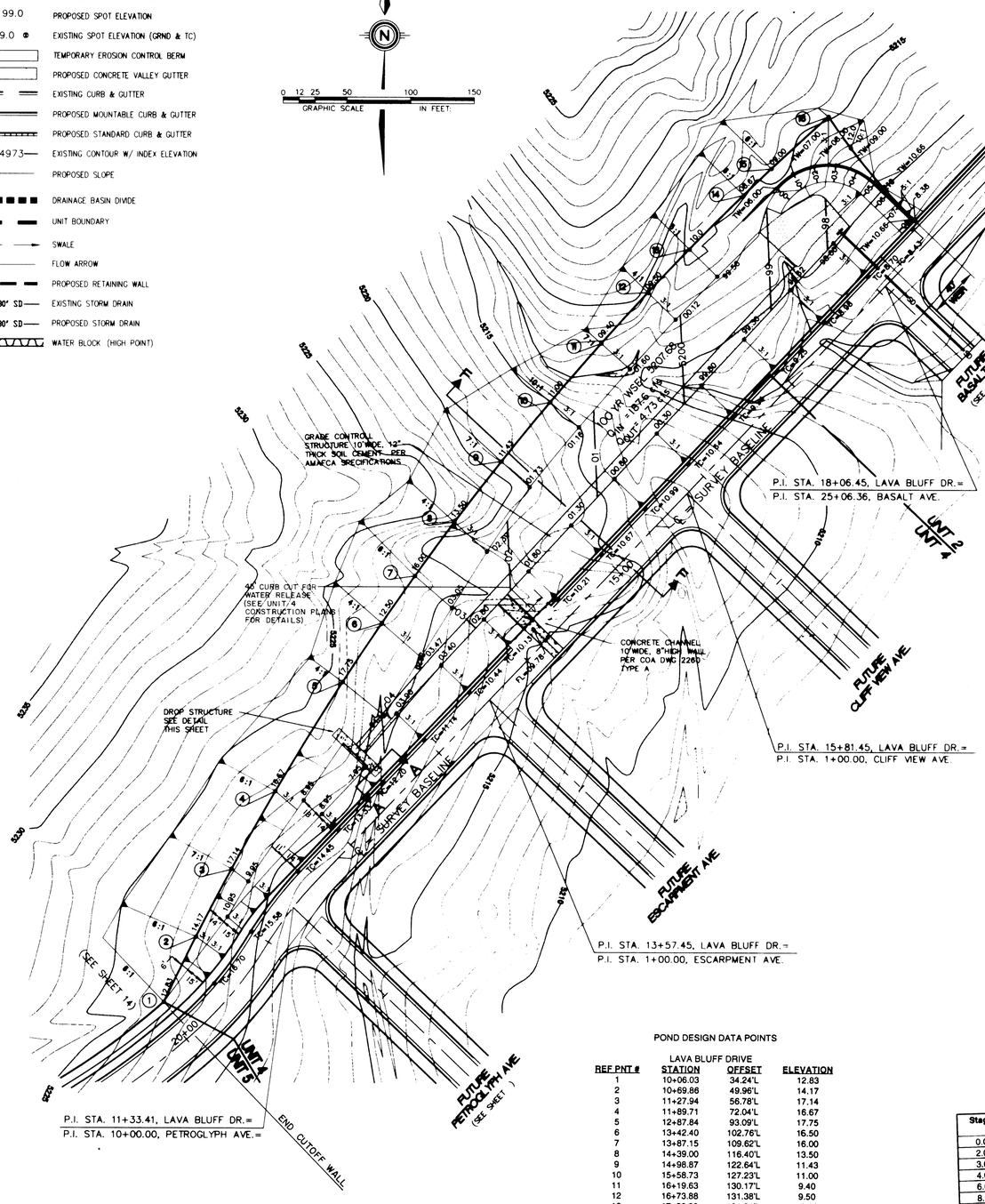
COMMUNITY SCIENCES CORPORATION - CORRALES, NEW MEXICO - (505) 897-0000

## LEGEND

- ● TC 98.43 PROPOSED TOP OF CURB ELEVATION
- ● 99.0 PROPOSED SPOT ELEVATION
- 09.0 ⊕ EXISTING SPOT ELEVATION (GRND & TC)
- TEMPORARY EROSION CONTROL BERM
- PROPOSED CONCRETE VALLEY GUTTER
- EXISTING CURB & GUTTER
- PROPOSED MOUNTABLE CURB & GUTTER
- PROPOSED STANDARD CURB & GUTTER
- 4973 EXISTING CONTOUR W/ INDEX ELEVATION
- PROPOSED SLOPE
- DRAINAGE BASIN DIVIDE
- UNIT BOUNDARY
- SWALE
- FLOW ARROW
- PROPOSED RETAINING WALL
- 30" SD EXISTING STORM DRAIN
- 30" SD PROPOSED STORM DRAIN
- WATER BLOCK (HIGH POINT)

N

0 12 25 50 100 150
GRAPHIC SCALE IN FEET:




AHYMO Reservoir Routing
W/Max Sediment Loading

*S Route Hydrograph Thru Parkwest Pond
Route Reservoir ID=12 HYD NO=133.50 INFLOW ID=11
CODE=5

| OUTFLOW (CFS) | SOTRAGE (AC FT) | ELEV (FT) |
|---|---|---|
| 0.0 | 0.00 | 5201.60 |
| 0.9 | 0.11 | 5201.84 |
| 1.4 | 0.25 | 5202.10 |
| 1.9 | 0.53 | 5202.60 |
| 2.4 | 0.83 | 5203.10 |
| 2.7 | 1.16 | 5203.60 |
| 3.1 | 1.51 | 5204.10 |
| 3.4 | 1.89 | 5204.60 |
| 3.6 | 2.29 | 5205.10 |
| 3.9 | 2.72 | 5205.60 |
| 4.1 | 3.17 | 5206.10 |
| 4.3 | 3.65 | 5206.60 |
| 4.5 | 4.14 | 5207.10 |
| 4.7 | 4.66 | 5207.60 |
| 4.9 | 5.20 | 5208.10 |
| 5.1 | 5.58 | 5208.43 |

Peak Discharge= 4.732 - Peak Occurs at Hour 2.45
Maximum Water Surface Elevation= 5207.680
Maximum Storage= 4.7466 AC FT
Incremental Time =.050000hrs

RESERVOIR OUTLET
MODELING BY POND2

Structure No. 1
(Input Data)

INLET BOX
Weir & Orifice defined by length and area

| | |
|---|---|
| E1 elev.(ft)? | 201.6 |
| E2 elev.(ft)? | 208.45 |
| Invert elev.(ft)? | 201.6 |
| Weir length (ft)? | 2.438 |
| Orifice area (sq.ft)? | .371 |
| Orifice coefficient? | .65 |
| Start transition elev. (ft) @ ? | 201.84 |
| Transition height (ft)? | .24 |

| ELEVATION (ft) | OUTFLOW (cfs) | STORAGE (ac-ft) |
|---|---|---|
| 200.80 | 0.0 | 0.41 |
| 201.60 | 0.0 | 0.72 |
| 201.84 | 0.9 | 0.83 |
| 202.10 | 1.4 | 0.97 |
| 202.60 | 1.9 | 1.25 |
| 203.10 | 2.4 | 1.55 |
| 203.60 | 2.7 | 1.88 |
| 204.10 | 3.1 | 2.23 |
| 204.60 | 3.4 | 2.61 |
| 205.10 | 3.6 | 3.01 |
| 205.60 | 3.9 | 3.44 |
| 206.10 | 4.1 | 3.89 |
| 206.60 | 4.3 | 4.37 |
| 207.10 | 4.5 | 4.86 |
| 207.60 | 4.7 | 5.38 |
| 208.10 | 4.9 | 5.92 |
| 208.43 | 5.1 | 6.30 |
| 208.43 | 5.1 | 6.30 |

Peak Inflow = 187.6 cfs
Peak Outflow = 4.6 cfs
Peak Elevation = 207.40 ft

POND DESIGN DATA POINTS

LAVA BLUFF DRIVE

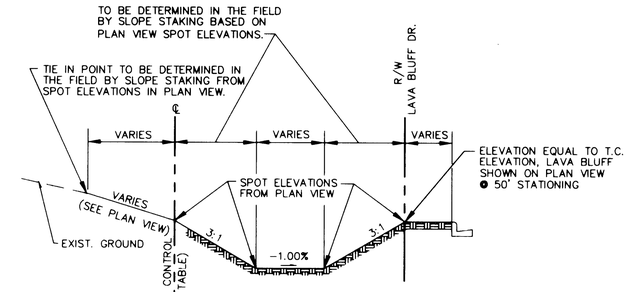
| REF PNT # | STATION | OFFSET | ELEVATION |
|---|---|---|---|
| 1 | 10+06.03 | 34.24'L | 12.83 |
| 2 | 10+69.86 | 49.96'L | 14.17 |
| 3 | 11+27.94 | 56.78'L | 17.14 |
| 4 | 11+89.71 | 72.04'L | 16.67 |
| 5 | 12+87.84 | 93.09'L | 17.75 |
| 6 | 13+42.40 | 102.76'L | 16.50 |
| 7 | 13+87.15 | 109.62'L | 16.00 |
| 8 | 14+39.00 | 116.40'L | 13.50 |
| 9 | 14+98.87 | 122.64'L | 11.43 |
| 10 | 15+58.73 | 127.23'L | 11.00 |
| 11 | 16+19.63 | 130.17'L | 9.40 |
| 12 | 16+73.88 | 131.38'L | 9.50 |
| 13 | 17+20.90 | 131.31'L | 10.00 |
| 14 | 17+80.89 | 129.76'L | 8.67 |
| 15 | 18+10.88 | 128.37'L | 9.00 |
| 16 | 18+71.33 | 124.29'L | 15.00 |

RESERVOIR VOLUME

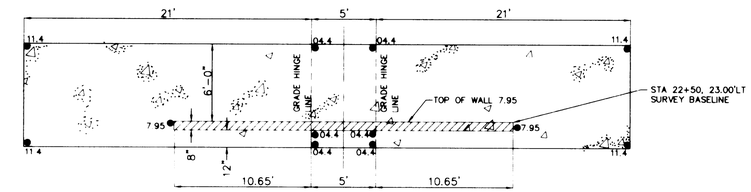
Pond Bottom el = 5198.00
Emergency Overflow el 5208.43

| Stage | V (ac-ft) | *Sediment V (ac-ft) | **Clear Water V (ac-ft) |
|---|---|---|---|
| 0.0 | 0.0 | | 0.0 |
| 2.0 | 0.19 | 0.19 | 0.0 |
| 3.6 | 0.72 | 0.72 | 0.0 |
| 4.0 | 0.92 | 0.72 | 0.20 |
| 6.0 | 2.16 | 0.72 | 1.44 |
| 8.0 | 3.80 | 0.72 | 3.08 |
| 10.0 | 5.81 | 0.72 | 5.09 |
| 10.43 | 6.30 | 0.72 | 5.58 |
| 11.0 | 6.99 | 0.72 | 6.27 |

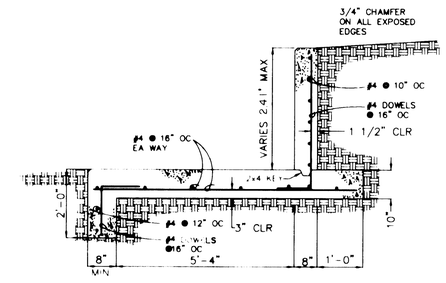
* Max Sediment at el. 5201.6 = .072 ac-ft
** With Max sediment Load




POND CROSS SECTION
SECTION F-F
N.T.S.




DROP STRUCTURE
PLAN VIEW
N.T.S.




DROP STRUCTURE
SECTION A-A
N.T.S.

APPROVED FOR ROUGH GRADING
(± 1 FT.)

CITY HYDROLOGY DATE

| | |
|---|---|
| DATE | JUNE, 1995 |
| SCALE | AS SHOWN |
| JOB NO. | 14326-PRE |

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

BENCH MARKS
AGS 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. & ORAY RD., NW, GO WEST ON ORAY 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
9-14-95
Rev 5-25-95

| NO. | DATE | REMARKS | BY |
|---|---|---|---|
| | | REVISIONS | |
| | | DESIGN | |
| | | DESIGNED BY S.R.L. | DATE MARCH 1995 |
| | | DRAWN BY A.M. | DATE MARCH 1995 |
| | | CHECKED BY | DATE |

9-6-95 General Revisions

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: PARKWEST- UNIT 5
GRADING AND EROSION CONTROL PLAN
POND AND POND DETAILS

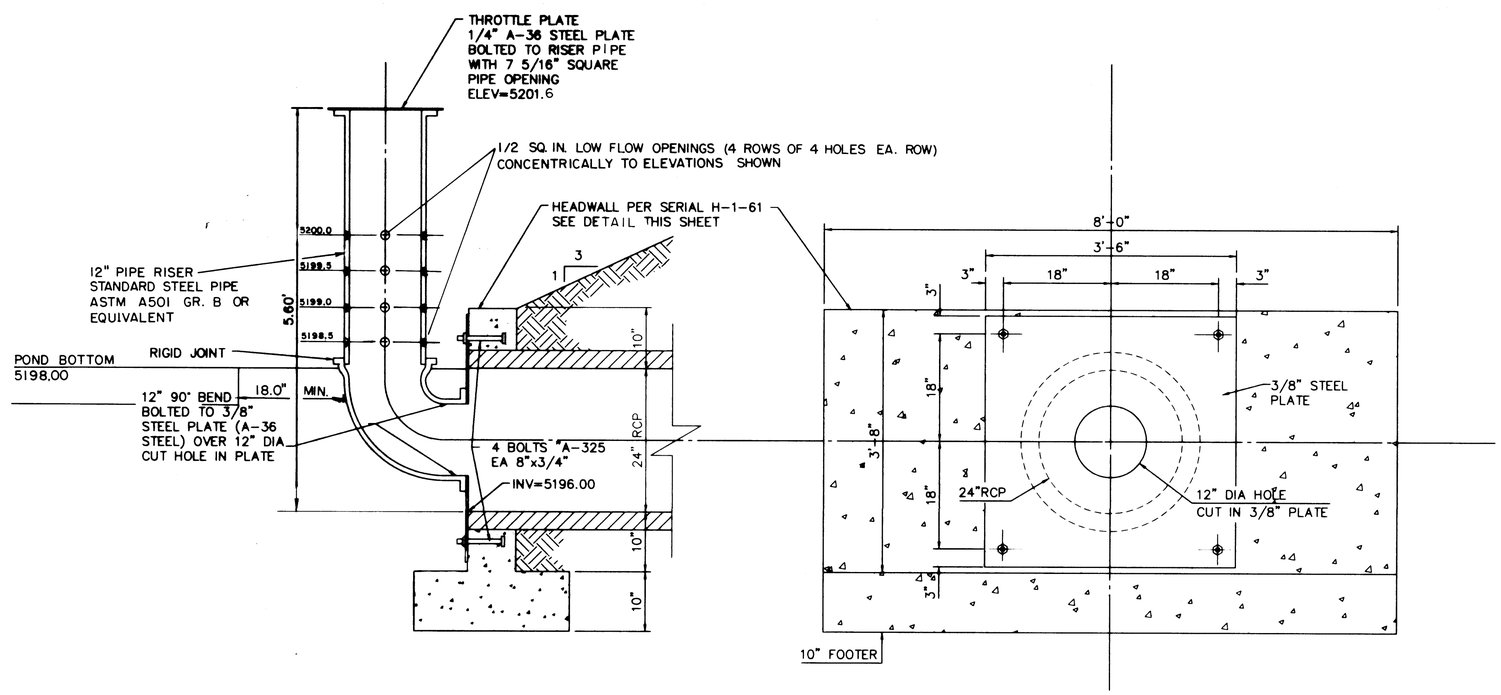
| APPROVALS | ENGINEER | DATE | APPROVALS | ENGINEER | DATE |
|---|---|---|---|---|---|
| DRC CHAIRMAN | | | WATER | N/A RWK | 7-28-95 |
| TRANSPORTATION | N/A RHO | | WASTE WATER | N/A RWK | 7-28-95 |
| HYDROLOGY | Austin | 7-28-95 9-19-95 | A.M.A.F.C.A. | | |
| PARKS & REC. | | | | | |

PROJECT NO. 4886.94 | MAP NO. G, H9 | SHEET 15 OF 39

2 3 4 5 6 7 8 9 10 11 12 13 14 15
26-4886.94 1597

14326
14326C15.DWG

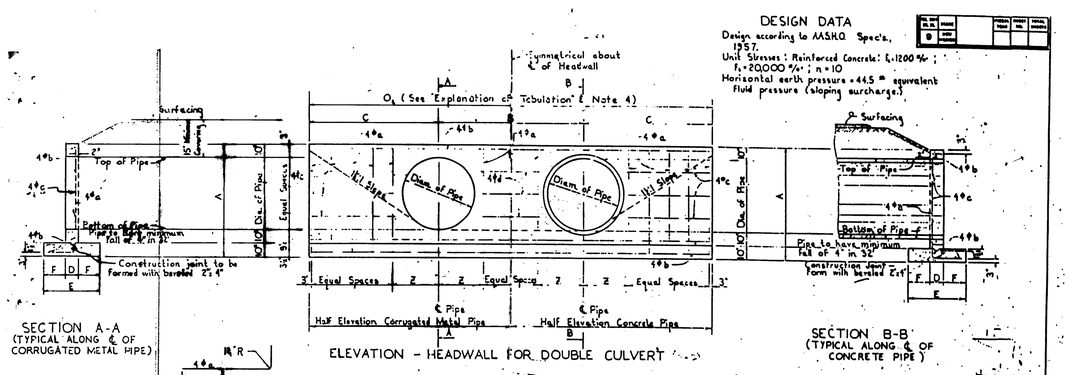
SCANNED BY
BY LASON




NOTE: ALL EXPOSED METAL TO BE HOT DIP GALVANIZED

**POND OUTFALL CONTROL STRUCTURE DETAILS**

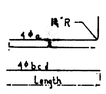
NTS




SECTION A-A
(TYPICAL ALONG ℄ OF
CORRUGATED METAL PIPE)

ELEVATION - HEADWALL FOR DOUBLE CULVERT

SECTION B-B
(TYPICAL ALONG ℄ OF
CONCRETE PIPE)




BAR BENDING DIAGRAMS
(See table for bars required).

## DESIGN DATA

Design according to AASHTO Spec's, 1957.
Unit Stresses: Reinforced Concrete: $f_c$=1200 #/□"; $f_s$=20,000 #/□"; n=10
Horizontal earth pressure = 44.5 # equivalent fluid pressure (sloping surcharge.)

## GENERAL NOTES

1. Workmanship and materials to conform to NMHTD standard specifications.
2. Design based on a minimum concrete compressive strength of 3000 pounds per square inch at 28 days. Chamfer all exposed edges 3/4" unless noted otherwise.
3. All reinforcing steel to be deformed bars, conforming to AASHTO "M-31, Grade 60". All dimensions refer to the centerline of bar.
4. While the details on this drawing are for a typical culvert with 2 pipes, this drawing applies to culvert headwalls with any number of pipes. The central portion of the wall of length "B" is repeated as many times as required by the number of pipes.

## CONCRETE . HEADWALLS

Bar spacings shown are approximate only.

Quantities shown are for two headwalls.

| Diam. of Pipe | DIMENSIONS A | B | C | D | E | F | G | REQUIRED FOR TWO HEADWALLS WITH ONE PIPE: 4φa bars No. | Length | Z | Spacing | Z | 4φb No. | Length | 4φc bars No. | Length | Spacing | Quantities Concrete Cu. Yd. | Steel Lbs. | Cu. Yd. Per Ft. | ADD FOR EACH ADDITIONAL PIPE: 4φa bars No. | Length | Spacing | 4φd bars No. | Length | Spacing | Quantities Concrete Cu. Yd. | Steel Lbs. | Cu. Yd. Per Ft. | Diam. of Pipe |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 18" | 4'-0" | 3'-0" | 3'-3" | 8" | 2'-2" | 3" | 6'-6" | 12 | 4'-6" | 3'-3" | 1'-0" | 1'-1" | 8 | Or-3" | 4 | 1'-0" | 1'-1" | 7.5 | 1.74 | 1.60 | 4 | 2 | 1'-0" | 1'-1" | 4 | Or-3" | 1'-1" | 2.3 | 0.73 | 0.78 | 18" |
| 24" | 4'-6" | 4'-0" | 4'-0" | 8" | 2'-2" | 3" | 8'-0" | 12 | 5'-0" | 3'-8" | 1'-3" | 1'-6" | 8 | Or-3" | 4 | 1'-6" | 1'-7" | 8.8 | 2.28 | 2.39 | 4 | 2 | 1'-3" | 1'-7" | 4 | Or-3" | 1'-7" | 3.6 | 1.02 | 1.10 | 24" |
| 30" | 5'-0" | 4'-6" | 4'-3" | 8" | 2'-6" | 3" | 9'-0" | 12 | 5'-6" | 4'-3" | 1'-6" | 1'-9" | 8 | Or-3" | 4 | 2'-3" | 2'-5" | 11.3 | 3.05 | 3.18 | 4 | 2 | 1'-3" | 1'-7" | 4 | Or-3" | 1'-7" | 4.7 | 1.42 | 1.54 | 30" |
| 36" | 5'-6" | 5'-0" | 5'-3" | 8" | 2'-8" | 3" | 10'-0" | 12 | 6'-3" | 4'-11" | 1'-9" | 2'-1" | 8 | Or-3" | 4 | 2'-9" | 2'-11" | 14.0 | 4.02 | 4.15 | 4 | 2 | 2'-3" | 1'-5" | 4 | Or-3" | 1'-5" | 6.3 | 1.85 | 2.02 | 36" |
| 42" | 6'-0" | 6'-0" | 6'-6" | 10" | 3'-0" | 3" | 12'-0" | 16 | 7'-0" | 5'-5" | 1'-4" | 2'-3" | 8 | Or-3" | 4 | 3'-6" | 3'-8" | 16.7 | 5.68 | 5.96 | 6 | 4 | 2'-3" | 1'-6" | 4 | Or-3" | 1'-6" | 10.1 | 2.65 | 2.93 | 42" |
| 48" | 6'-6" | 6'-0" | 7'-3" | 10" | 3'-4" | 3" | 13'-6" | 20 | 7'-3" | 5'-11" | 1'-2" | 2'-6" | 8 | Or-3" | 4 | 4'-3" | 4'-5" | 21.6 | 6.32 | 7.28 | 6 | 6 | 3'-0" | 1'-3" | 4 | Or-3" | 1'-3" | 13.6 | 3.31 | 3.67 | 48" |
| 54" | 7'-0" | 6'-0" | 8'-0" | 10" | 3'-8" | 3" | 14'-6" | 24 | 8'-3" | 6'-5" | 1'-0" | 2'-10" | 8 | Or-3" | 4 | 5'-0" | 5'-2" | 26.7 | 8.12 | 8.57 | B.J. 6 | 6 | 3'-6" | 1'-5" | 106 | 3.35 | 4.33 | 17.1 | 4.08 | 4.52 | 54" |
| 60" | 7'-6" | 6'-0" | 8'-9" | 10" | 3'-9" | 3" | 15'-0" | 28 | 9'-0" | 6'-11" | 0'-11" | 3'-4" | 8 | Or-3" | 4 | 5'-9" | 5'-11" | 30.5 | 9.51 | 10.04 | 10 | 6 | 3'-9" | 1'-6" | 125 | 4.68 | 5.22 | 20.7 | 5.22 | 5.62 | 60" |

## EXPLANATION OF TABULATION

$Q_1 = 2C$ $\quad Q_n = 2C + 1$

$Q_2 = 2C + 2B$ $\quad Q_n = 2C + (n-1)B$

Where n = number of pipes

NEW MEXICO
STATE HIGHWAY DEPARTMENT

PIPE CULVERT
HEADWALLS

SERIAL H-1-61

| NO. | DATE | REMARKS | BY |
|---|---|---|---|

REVISIONS

DESIGN

DESIGNED BY K.C.D. DATE MARCH 1995
DRAWN BY R.A.C. DATE MARCH 1995
CHECKED BY DATE

SURVEY INFORMATION

FIELD NOTES

| NO. | BY | DATE |
|---|---|---|
| 1 | COMMUNITY SCIENCES | |

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. & ORAY RD. NW, GO WEST ON ORAY 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

CONTRACTOR
WORK STAKED BY DATE
INSPECTION'S ACCEPTANCE BY DATE
AS-BUILT LOCATION BY DATE
DRAWINGS CORRECTED BY DATE
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

ENGINEER'S SEAL

DATE JUNE 1995
SCALE AS SHOWN
DESIGNED SMB
DRAWN
JOB NO 143-26

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 5
GRADING AND EROSION CONTROL PLAN
DRAINAGE STRUCTURE DETAILS

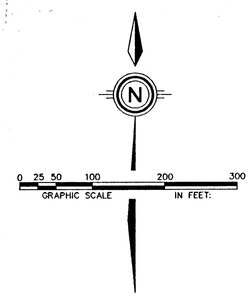
| APPROVALS | ENGINEER | DATE | APPROVALS | ENGINEER | DATE |
|---|---|---|---|---|---|
| DRC CHAIRMAN | | | WATER | | |
| TRANSPORTATION | N/A | | WASTE WATER | | |
| HYDROLOGY | | | A.M.A.F.C.A. | | |

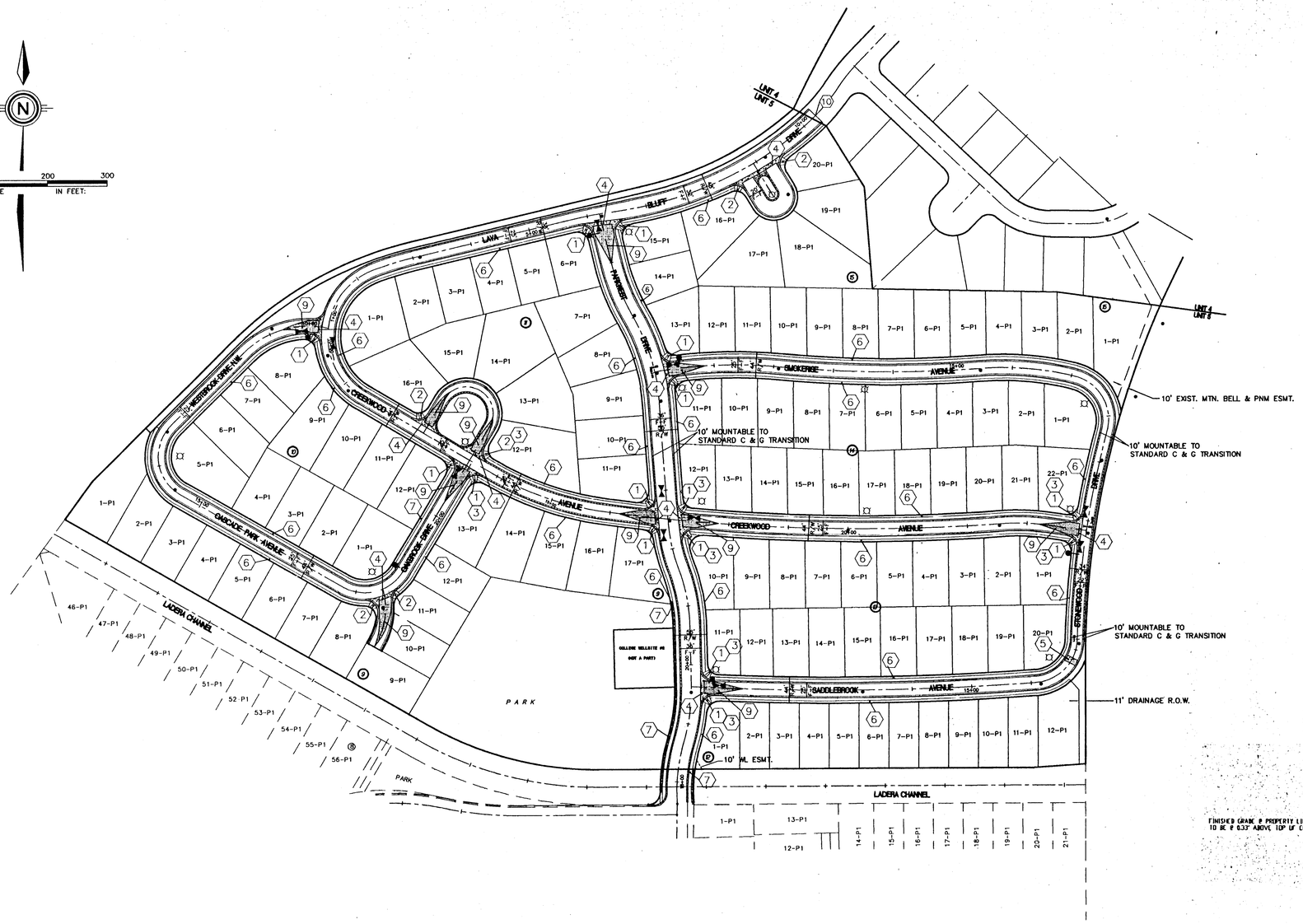
PROJECT NO. 4886.94 | MAP NO. G, H9 | SHEET 16 OF 39

2 3 4 5 6 7 8 9 10 11 12 13 14 15
26-4886.94 1697

SCANNED BY
BY LASON

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



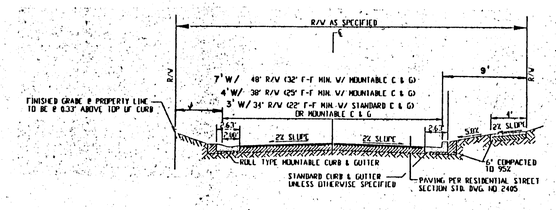




## LEGEND

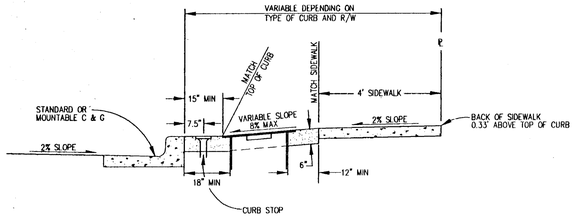
- x FL=74.11 — PROPOSED CURB FLOWLINE ELEVATION
- 73.6 ● — EXISTING SPOT ELEVATION (GRND & TC)
- PROPOSED VALLEY GUTTER/ SIDEWALK
- EXISTING CURB & GUTTER
- PROPOSED MOUNTABLE CURB & GUTTER
- PROPOSED MEDIAN CURB & GUTTER
- PROPOSED STANDARD CURB & GUTTER
- EXISTING SIDEWALK
- FLOW ARROW
- EXISTING SANITARY SEWER MANHOLE
- PROPOSED SANITARY SEWER MANHOLE
- EXISTING STORM MANHOLE
- PROPOSED STORM MANHOLE
- EXISTING GATE VALVE
- PROPOSED GATE VALVE
- EXISTING AIR RELEASE VALVE
- PROPOSED AIR RELEASE VALVE
- CROWN TRANSITION
- PROPOSED STORM SEWER CATCH BASIN
- EXISTING STORM SEWER CATCH BASIN
- PROPOSED STREET LIGHT

## 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

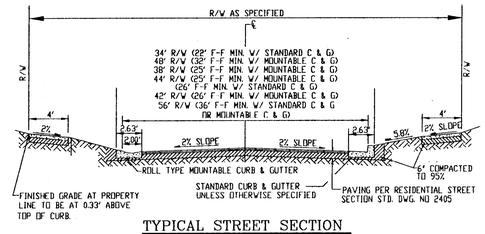



TYPICAL STREET SECTION FOR
LAVA BLUFF DRIVE,
WESTBROOK DRIVE
STONEWOOD DRIVE
NOT TO SCALE



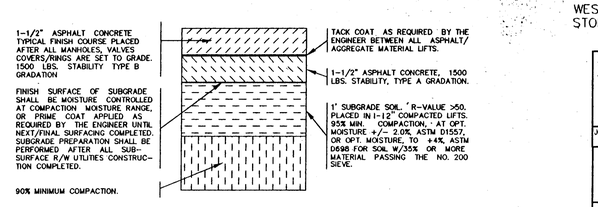

WATER METER BOX INSTALLATION

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




TYPICAL STREET SECTION

NOT TO SCALE




RESIDENTIAL PAVING SECTION COMPONENTS

2 3 4 5 6 7 8 9 10 11 12 13 14
26-4886.94 1 1707

RECORD DRAWING
12-3-97

## AS BUILT INFORMATION

CONTRACTOR Innovance Mech. DATE 96
WORK SURVEY BY CSC DATE 12/97
INSPECTOR'S ACCEPTANCE BY CSC DATE 12/97
AS-BUILT VERIFICATION BY CSC DATE 12/97
DRAWINGS CORRECTED BY CSC DATE 12/97
RECORDED BY MICRO-FILM INFORMATION
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 0.5 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 |
|---|---|---|
| | | |

ENGINEER'S SEAL

| NO. | REMARKS REVISIONS DESIGN | BY |
|---|---|---|
| | | |

DESIGNED BY BOM DATE MARCH, 1995
DRAWN BY A.M. DATE MARCH, 1995
CHECKED BY J.D.H.

SCALE: AS SHOWN
1"= 100'

JOB NO.: 14326-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 SUBDIVISION - UNIT 5
COMPOSITE PAVING PLAN

| APPROVALS | ENGINEER | DATE | APPROVALS | ENGINEER | DATE |
|---|---|---|---|---|---|
| DRC CHAIRMAN | | | WATER | N/A RWK | 6-5-95 |
| TRANSPORTATION | R Bourne | 6-02-95 | WASTE WATER | N/A RWK | 6-5-95 |
| HYDROLOGY | NA JPC | 7-19-95 | | | |

PROJECT NO. 4886.94 MAP NO. G, H-9 SHEET 17 OF 39

SCANNED BY BY LASON

P1-PC-81.

① ℄ CURVE DATA
R = 300.00'
L = 91.76'
Δ = 017°31'30"
CH = 91.40
CH-BEARING = N07°32'21"E

② ℄ CURVE DATA
R = 300.00'
L = 92.57'
Δ = 017°40'46"
CH = 92.20'
CH-BEARING = S07°27'43"W

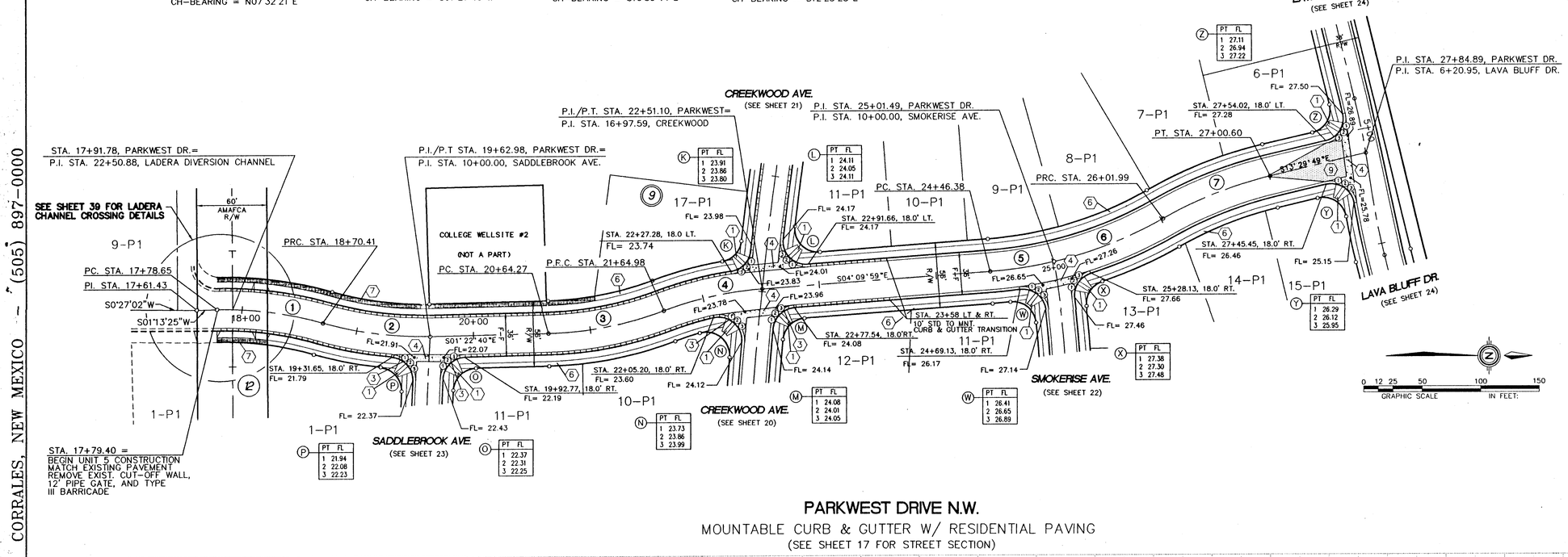
③ ℄ CURVE DATA
R = 300.00'
L = 100.71'
Δ = 019°14'06"
CH = 100.24'
CH-BEARING = S10°59'44"E

④ ℄ CURVE DATA
R = 300.00'
L = 86.11'
Δ = 016°26'48"
CH = 85.82
CH-BEARING = S12°23'23"E

⑤ ℄ CURVE DATA
R = 350.00'
L = 55.11'
Δ = 009°01'18"
CH = 55.05'
CH-BEARING = S08°40'38"E

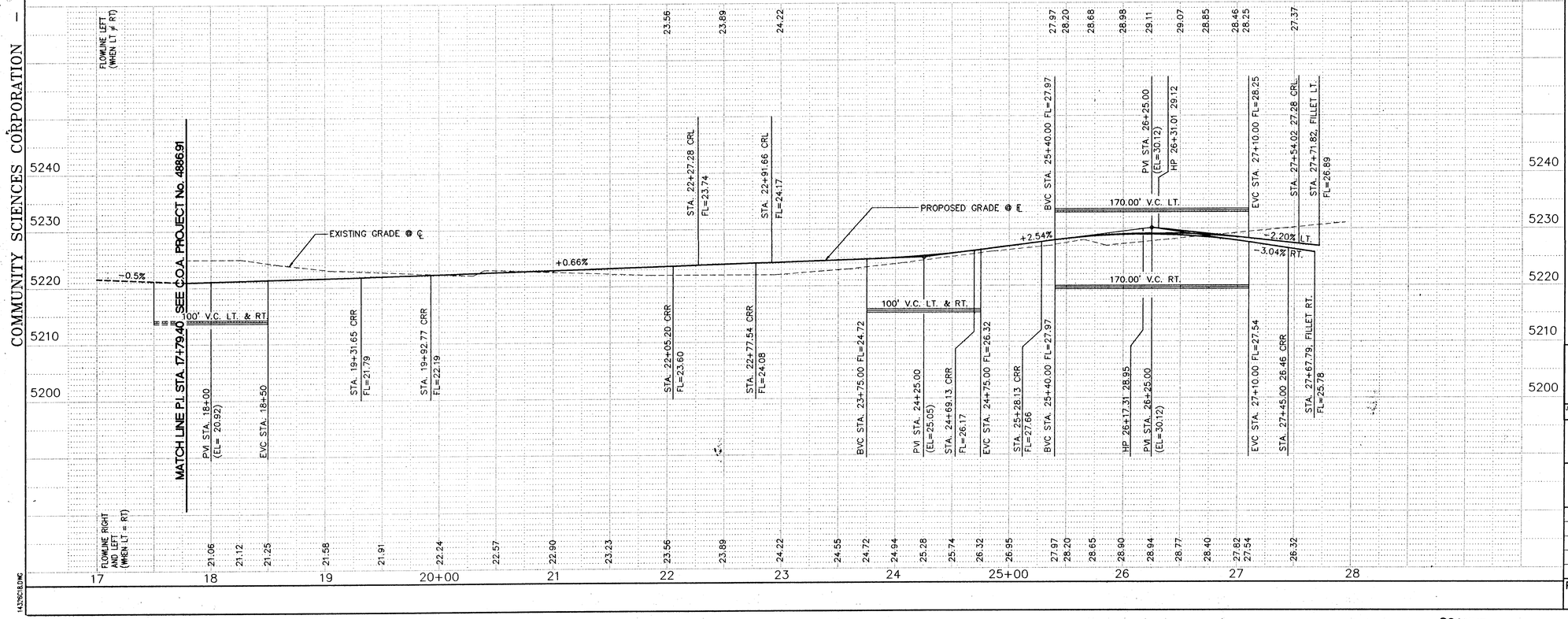
⑥ ℄ CURVE DATA
R = 350.00'
L = 100.50'
Δ = 016°27'05"
CH = 100.15'
CH-BEARING = S21°24'49"E

⑦ ℄ CURVE DATA
R = 350.00'
L = 98.61'
Δ = 016°08'33"
CH= 98.28'
CH-BEARING = N21°34'05"W




## PARKWEST DRIVE N.W.

MOUNTABLE CURB & GUTTER W/ RESIDENTIAL PAVING
(SEE SHEET 17 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

### CURB CURVE TABLE AT FACE OF CURB

| CURVE ID | RADIUS | ARC | DELTA |
|---|---|---|---|
| A | 20.00 | 33.15 | 094-58-11 |
| B | 20.00 | 20.35 | 058-17-54 |
| C | 20.00 | 25.75 | 073-46-16 |
| D | 20.00 | 29.21 | 083-40-56 |
| E | 20.00 | 31.42 | 090-00-00 |
| F | 20.00 | 31.42 | 090-00-00 |
| G | 20.00 | 31.42 | 090.00-00 |
| H | 20.00 | 31.42 | 090-00-00 |
| I | 20.00 | 31.42 | 090-00-00 |
| J | 20.00 | 31.42 | 090-00-00 |
| K | 20.00 | 26.12 | 074-50-31 |
| L | 20.00 | 35.20 | 100-51-05 |
| M | 20.00 | 28.12 | 080-32-49 |
| N | 20.00 | 37.69 | 107-58-20 |
| O | 20.00 | 30.03 | 086-01-10 |
| P | 20.00 | 30.70 | 087-57-46 |
| Q | 64.00 | 94.44 | 084-32-46 |
| R | 86.00 | 127.07 | 084-39-38 |
| S | 20.00 | 30.99 | 088-46-37 |
| T | 20.00 | 30.99 | 088-46-37 |
| U | 64.00 | 101.43 | 090-48-22 |
| V | 86.00 | 136.45 | 090-54-35 |
| W | 20.00 | 31.85 | 091-15-08 |
| X | 20.00 | 27.79 | 079-37-25 |
| Y | 20.00 | 32.86 | 094-08-07 |
| Z | 20.00 | 31.10 | 089-06-25 |
| AA | 20.00 | 29.68 | 085-01-28 |
| BB | 20.00 | 29.68 | 085-01-28 |
| CC | 10.00 | 31.42 | 180-00-00 |
| DD | 35.00 | 22.53 | 036-53-05 |

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

RECORD DRAWING
12-3-97

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

JOB NO.: 14326-041

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 5
PAVING PLAN & PROFILE
PARKWEST DRIVE N.W.

| APPROVALS | ENGINEER | DATE | APPROVALS | ENGINEER | DATE |
|---|---|---|---|---|---|
| DRC CHAIRMAN | | | WATER | N/A RWK | 6-5-95 |
| TRANSPORTATION | K Dourte | 6-02-95 | WASTE WATER | N/A RWK | 6-5-95 |
| HYDROLOGY | N/A JPC | 9-19-95 | A.M.A.F.C.A. | | |

PROJECT NO. 4886.94 — MAP NO. G,H-9 — SHEET 18 OF 39

AS BUILT INFORMATION
CONTRACTOR Sundance Mech — DATE 96
WORK STAKE BY CSC — DATE 12/97
ACCEPTANCE BY CSC — DATE 12/97
FIELD VERIFICATION BY CSC — DATE 12/97
DRAWINGS CORRECTED BY CSC — DATE 12/97
MICRO-FILM INFORMATION
RECORDED BY — DATE
NO. — DATE

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 CORRS 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.
NO. — DATE

SURVEY INFORMATION
FIELD NOTES

| NO. | BY | DATE |
|---|---|---|
| 1 | COMMUNITY SCIENCES | |

ENGINEER'S SEAL
5-26-95

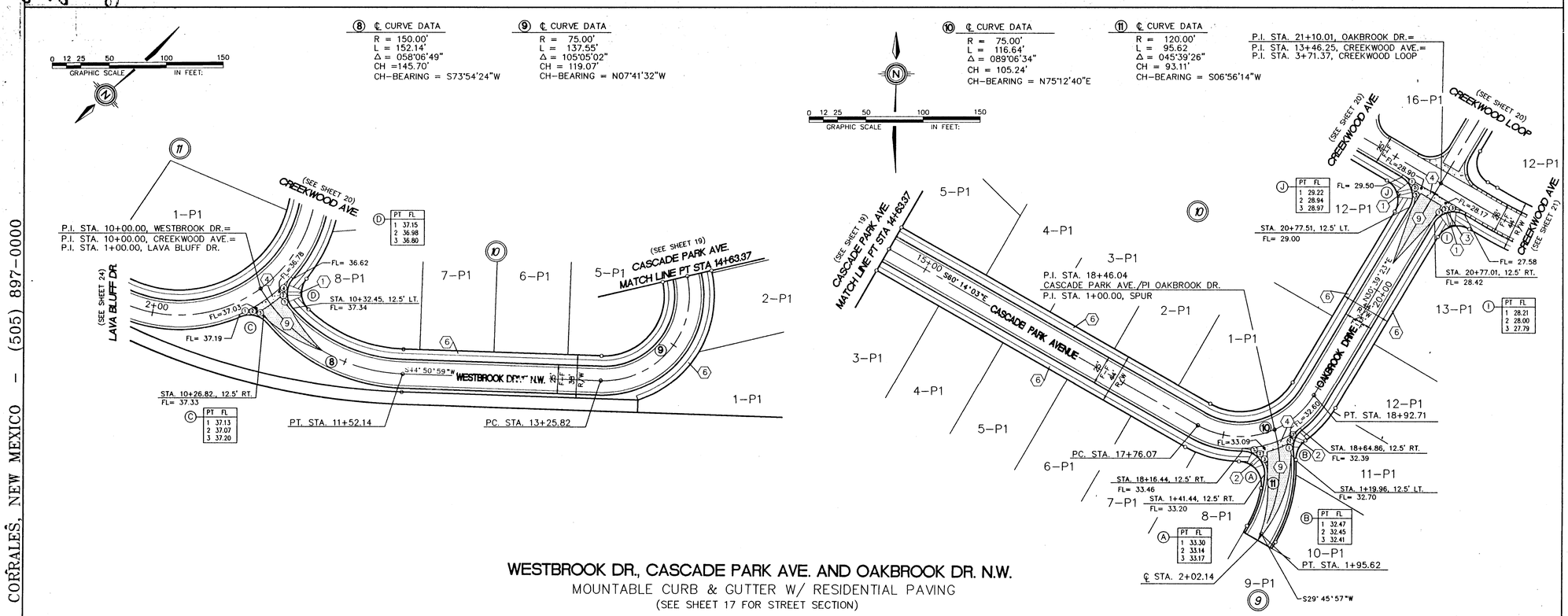
| NO. | DATE | REMARKS | BY |
|---|---|---|---|
| | | REVISIONS | |
| | | DESIGN | |

DESIGNED BY SRL — DATE NOV. 1994
DRAWN BY AM, MLV, RAC — DATE NOV. 1994
CHECKED BY J.D.H. — DATE MARCH, 1995

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

14326C18.DWG

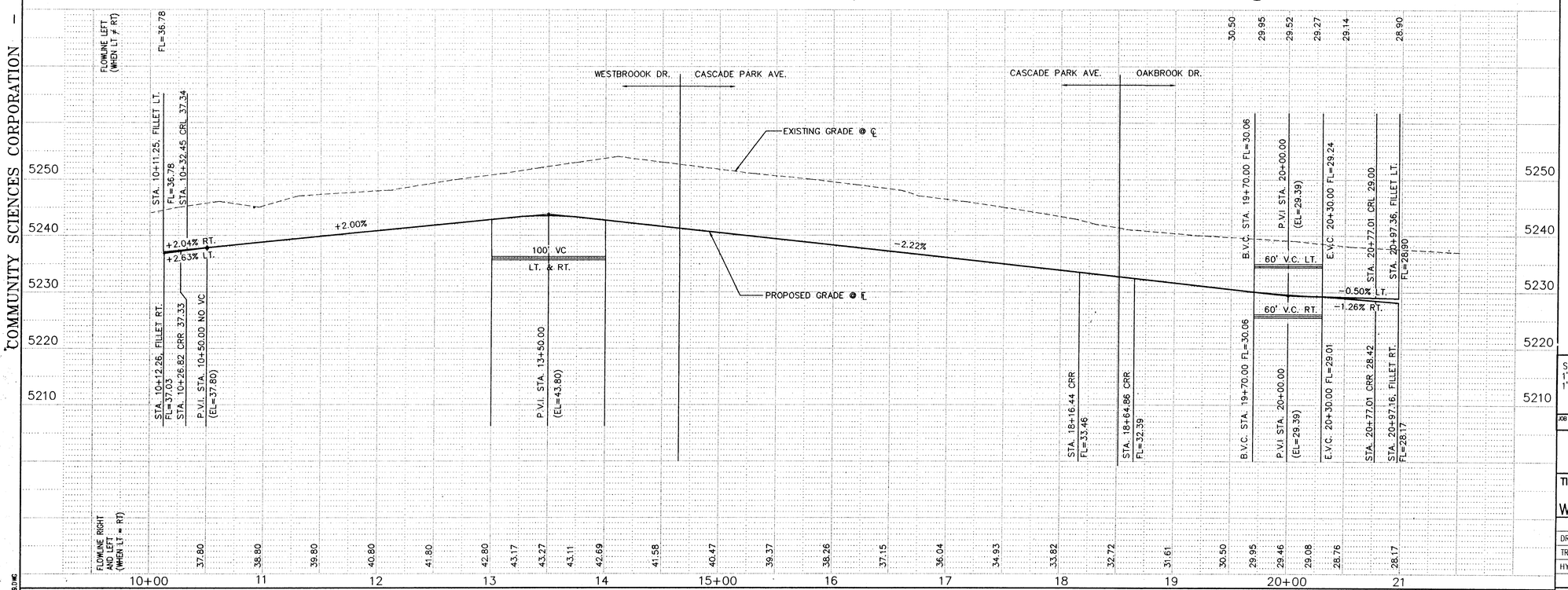
SCANNED BY BY LASON




## WESTBROOK DR., CASCADE PARK AVE. AND OAKBROOK DR. N.W.

MOUNTABLE CURB & GUTTER W/ RESIDENTIAL PAVING

(SEE SHEET 17 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

### CURB CURVE TABLE AT FACE OF CURB

| CURVE ID | RADIUS | ARC | DELTA |
|---|---|---|---|
| A | 20.00 | 33.15 | 094-58-11 |
| B | 20.00 | 20.35 | 058-17-54 |
| C | 20.00 | 25.75 | 073-46-16 |
| D | 20.00 | 29.21 | 083-40-56 |
| E | 20.00 | 31.42 | 090-00-00 |
| F | 20.00 | 31.42 | 090-00-0o |
| G | 20.00 | 31.42 | 090.00-00 |
| H | 20.00 | 31.42 | 090-00-00 |
| I | 20.00 | 31.42 | 090-00-00 |
| J | 20.00 | 31.42 | 090-00-00 |
| K | 20.00 | 26.12 | 074-50-31 |
| L | 20.00 | 35.20 | 100-51-05 |
| M | 20.00 | 28.12 | 080-32-49 |
| N | 20.00 | 37.69 | 107-58-20 |
| O | 20.00 | 30.03 | 086-01-10 |
| P | 20.00 | 30.70 | 087-57-46 |
| Q | 64.00 | 94.44 | 084-32-46 |
| R | 86.00 | 127.07 | 084-39-36 |
| S | 20.00 | 30.99 | 088-46-37 |
| T | 20.00 | 30.99 | 088-46-37 |
| U | 64.00 | 101.43 | 090-48-22 |
| V | 86.00 | 136.45 | 090-54-35 |
| W | 20.00 | 31.85 | 091-15-08 |
| X | 20.00 | 27.79 | 079-37-25 |
| Y | 20.00 | 32.86 | 094-08-07 |
| Z | 20.00 | 31.10 | 089-06-25 |
| AA | 20.00 | 29.68 | 085-01-28 |
| BB | 20.00 | 29.68 | 085-01-28 |
| CC | 10.00 | 31.42 | 180-00-00 |
| DD | 35.00 | 22.53 | 036-53-05 |

26-4886.94 / 1997

RECORD DRAWING

12-3-97

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

JOB NO.: 14326-041

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 5
PAVING PLAN & PROFILE
WESTBROOK, CASCADE PARK AND OAKBROOK

| APPROVALS | ENGINEER | DATE | APPROVALS | ENGINEER | DATE |
|---|---|---|---|---|---|
| DRC CHAIRMAN | | | WATER | N/A RWK | 6-5-95 |
| TRANSPORTATION | | 6-02-95 | WASTE WATER | N/A RWK | 6-5-95 |
| HYDROLOGY | NA JAC | 9-19-95 | A.M.A.F.C.A. | | |

PROJECT NO. 4886.94 | MAP NO. G,H-9 | SHEET 19 OF 39

AS BUILT INFORMATION
CONTRACTOR Albuquerque Mech. DATE 96
WORK STAKED BY CSC DATE 12/97
INSPECTOR'S ACCEPTANCE BY CSC DATE 12/97
VERIFICATION BY CSC DATE 12/97
DRAWINGS CORRECTED BY CSC DATE 12/97
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. & QUARAY RD. N.W. 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

| FIELD NOTES | | |
|---|---|---|
| NO. | BY | DATE |
| 1. | COMMUNITY SCIENCES | |

ENGINEER'S SEAL

| NO. | DATE | REMARKS | BY |
|---|---|---|---|
| | | REVISIONS | |
| | | DESIGN | |

DESIGNED BY S.R.L. DATE MARCH, 1995
DRAWN BY A.M. DATE MARCH, 1995
CHECKED BY J.D.H. DATE MARCH, 1995

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

14326019.DWG

SCANNED BY BY LASON

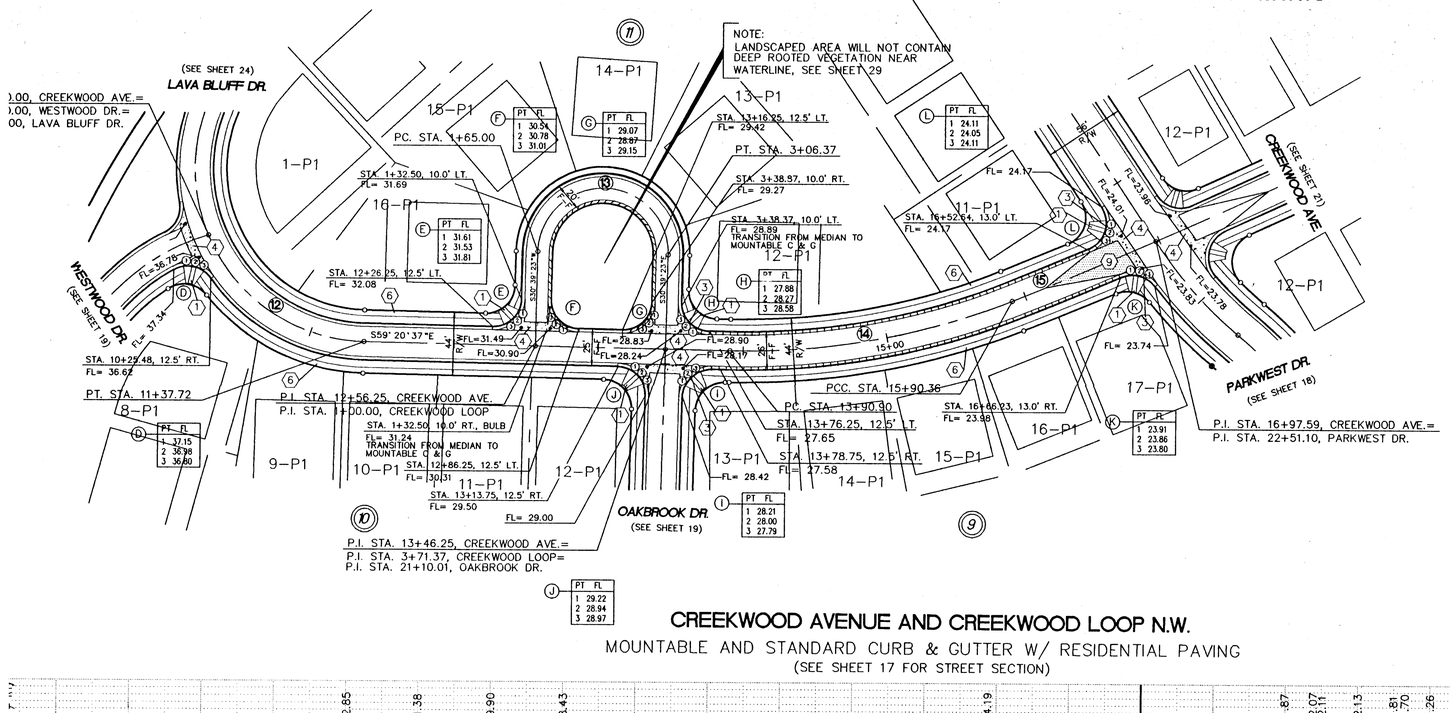
21

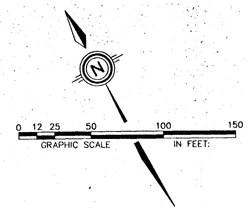
⑫ ℄ CURVE DATA
R = 120.00'
L = 137.72'
Δ = 065°45'27"
CH = 130.29'
CH-BEARING = S26°27'53"E

⑬ ℄ CURVE DATA
R = 45.00'
L = 141.37'
Δ = 180°00'00"
CH = 90.00'
CH-BEARING = S59°20'37"E

⑭ ℄ CURVE DATA
R = 500.00'
L = 199.46'
Δ = 022°51'23"
CH = 198.14'
CH-BEARING = S70°46'18"E

⑮ ℄ CURVE DATA
R = 3200.00'
L = 107.23'
Δ = 001°55'12"
CH = 107.23'
CH-BEARING = S83°09'36"E




## 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
- PROPOSED MEDIAN CURB & GUTTER

## KEYNOTES:

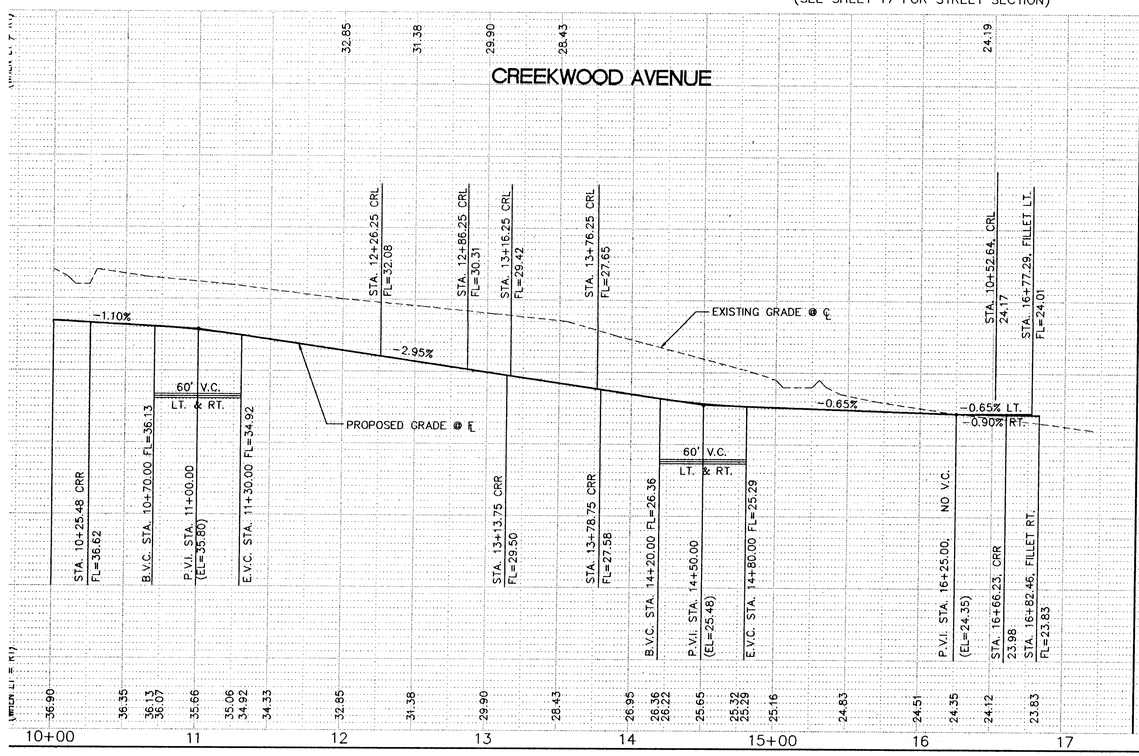
1. WHEELCHAIR RAMP PER COA STD. DWG. 2441 CASE II.
2. WHEELCHAIR RAMP PER COA STD. DWG. 2441 CASE I
3. MOUNTABLE TO STANDARD CURB TRANSITION PER COA STD. DWG. 2418
4. CONC. VALLEY GUTTER PER COA STD. DWG. 2420
5. SPECIAL CONC. VALLEY GUTTER PER C.O.A. STD. DWG. 2422
6. FUTURE 4' SIDEWALK, BY OTHERS
7. 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

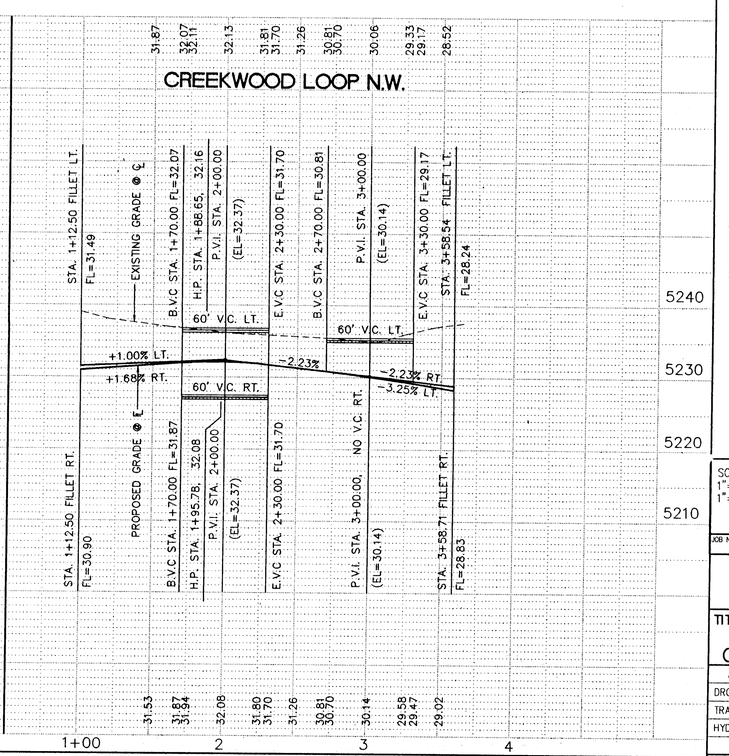
**CURB CURVE TABLE AT FACE OF CURB**

| CURVE ID | RADIUS | ARC | DELTA |
|---|---|---|---|
| A | 20.00 | 33.15 | 094-58-11 |
| B | 20.00 | 20.35 | 058-17-54 |
| C | 20.00 | 25.75 | 073-46-16 |
| D | 20.00 | 29.21 | 083-40-56 |
| E | 20.00 | 31.42 | 090-00-00 |
| F | 20.00 | 31.42 | 090-00-00 |
| G | 20.00 | 31.42 | 090.00-00 |
| H | 20.00 | 31.42 | 090-00-00 |
| I | 20.00 | 31.42 | 090-00-00 |
| J | 20.00 | 31.42 | 090-00-00 |
| K | 20.00 | 26.12 | 074-50-31 |
| L | 20.00 | 35.20 | 100-51-05 |
| M | 20.00 | 28.12 | 080-32-49 |
| N | 20.00 | 37.69 | 107-58-20 |
| O | 20.00 | 30.03 | 086-01-10 |
| P | 20.00 | 30.70 | 087-57-46 |
| Q | 64.00 | 94.44 | 084-32-46 |
| R | 86.00 | 127.07 | 084-39-36 |
| S | 20.00 | 30.99 | 088-46-37 |
| T | 20.00 | 30.99 | 088-46-37 |
| U | 64.00 | 101.43 | 090-48-22 |
| V | 86.00 | 136.45 | 090-54-35 |
| W | 20.00 | 31.85 | 091-15-08 |
| X | 20.00 | 27.79 | 079-37-25 |
| Y | 20.00 | 32.86 | 094-08-07 |
| Z | 20.00 | 31.10 | 089-06-25 |
| AA | 20.00 | 29.68 | 085-01-28 |
| BB | 20.00 | 29.68 | 085-01-28 |
| CC | 10.00 | 31.42 | 180-00-00 |
| DD | 35.00 | 22.53 | 036-53-05 |

# CREEKWOOD AVENUE AND CREEKWOOD LOOP N.W.

MOUNTABLE AND STANDARD CURB & GUTTER W/ RESIDENTIAL PAVING
(SEE SHEET 17 FOR STREET SECTION)




AS BUILT INFORMATION
CONTRACTOR Sundance Mech. DATE 96
WORK STAKED BY CSC DATE 12-97
ACCEPTANCE BY CSC DATE 12-97
FIELD VERIFICATION BY CSC DATE 12-97
DRAWINGS CORRECTED BY CSC DATE 12-97
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

| NO. | DATE | REMARKS | BY |
|---|---|---|---|
| | | REVISIONS | |

DESIGNED BY S.R.L. DATE MARCH, 1995
DRAWN BY A.M. DATE MARCH, 1995
CHECKED BY J.D.H. DATE MARCH, 1995

2 3 4 5 6 7 8 9 10 11 12 13 14 15
26-4886.94 2097

RECORD DRAWING
12-3-97

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

JOB NO.: 14326-041

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 5
PAVING PLAN & PROFILE
CREEKWOOD AVE. & CREEKWOOD LOOP N.W.

| APPROVALS | ENGINEER | DATE | APPROVALS | ENGINEER | DATE |
|---|---|---|---|---|---|
| DRC CHAIRMAN | | | WATER | N/A RWK | 6-5-95 |
| TRANSPORTATION | R Romero | 6-02-95 | WASTE WATER | N/A RWK | 6-5-95 |
| HYDROLOGY | N/A JPC | 9-19-95 | A.M.A.F.C.A. | | |

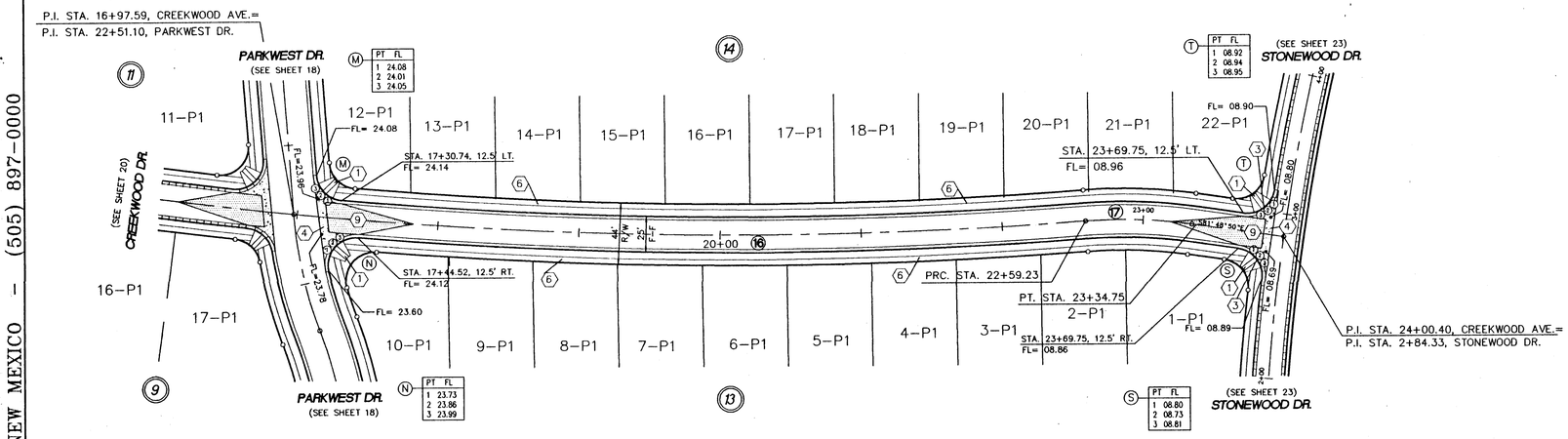
PROJECT NO. 4886.94 MAP NO. G,H-9 SHEET 20 OF 39

SCANNED BY BY LASON

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

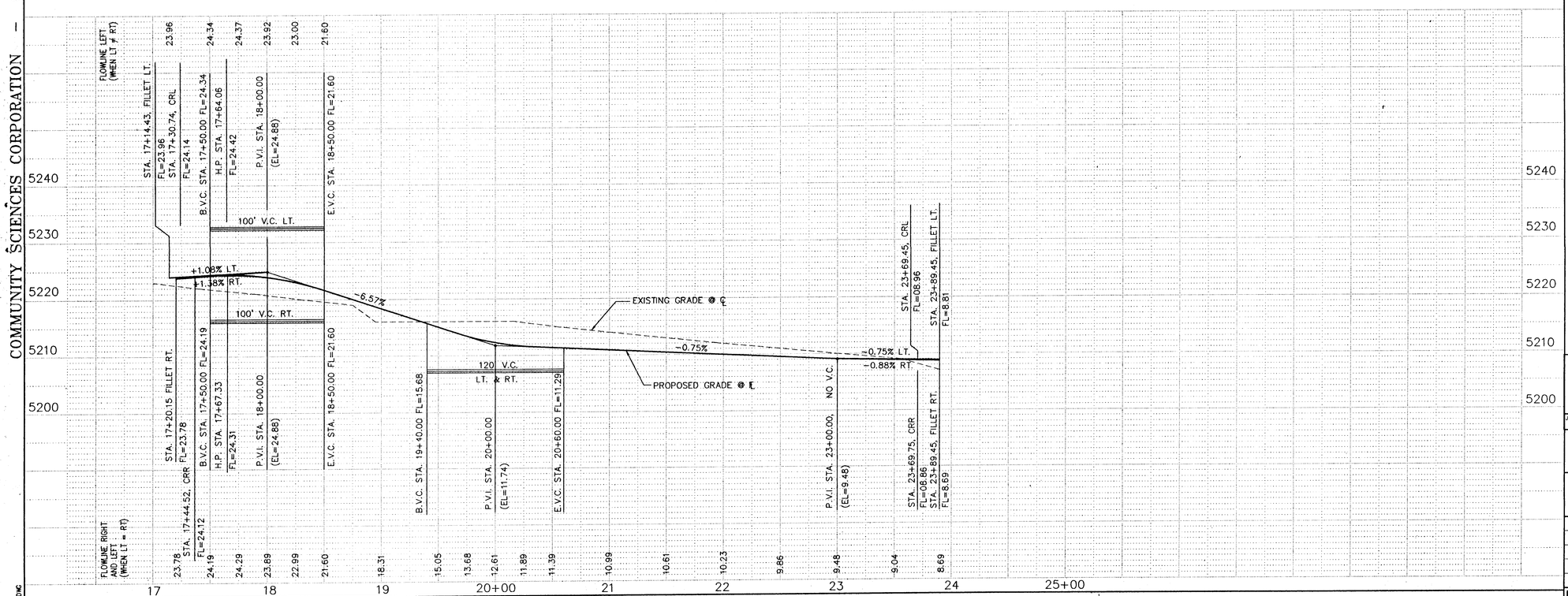
⑯ ℄ CURVE DATA
R = 3200.00'
L = 561.64'
Δ = 010°03'22"
CH = 560.92'
CH-BEARING = S89°08'53"E

⑰ ℄ CURVE DATA
R = 350.00'
L = 75.52'
Δ = 012°21'43"
CH = 75.37'
CH-BEARING = S87°59'42"E




## CREEKWOOD AVE. N.W.

MOUNTABLE CURB & GUTTER W/ RESIDENTIAL PAVING
(SEE SHEET 17 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

N

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

**CURB CURVE TABLE AT FACE OF CURB**

| CURVE ID | RADIUS | ARC | DELTA |
|---|---|---|---|
| A | 20.00 | 33.15 | 094-58-11 |
| B | 20.00 | 20.35 | 058-17-54 |
| C | 20.00 | 25.75 | 073-46-16 |
| D | 20.00 | 29.21 | 083-40-56 |
| E | 20.00 | 31.42 | 090-00-00 |
| F | 20.00 | 31.42 | 090-00-00 |
| G | 20.00 | 31.42 | 090.00-00 |
| H | 20.00 | 31.42 | 090-00-00 |
| I | 20.00 | 31.42 | 090-00-00 |
| J | 20.00 | 31.42 | 090-00-00 |
| K | 20.00 | 26.12 | 074-50-31 |
| L | 20.00 | 35.20 | 100-51-05 |
| M | 20.00 | 28.12 | 080-32-49 |
| N | 20.00 | 37.69 | 107-58-20 |
| O | 20.00 | 30.03 | 086-01-10 |
| P | 20.00 | 30.70 | 087-57-48 |
| Q | 64.00 | 94.44 | 084-32-46 |
| R | 86.00 | 127.07 | 084-39-36 |
| S | 20.00 | 30.99 | 088-46-37 |
| T | 20.00 | 30.99 | 088-46-37 |
| U | 64.00 | 101.43 | 090-48-22 |
| V | 86.00 | 136.45 | 090-54-35 |
| W | 20.00 | 31.85 | 091-15-08 |
| X | 20.00 | 27.79 | 079-37-25 |
| Y | 20.00 | 32.86 | 094-08-07 |
| Z | 20.00 | 31.10 | 089-06-25 |
| AA | 20.00 | 29.68 | 085-01-28 |
| BB | 20.00 | 29.68 | 085-01-28 |
| CC | 10.00 | 31.42 | 180-00-00 |
| DD | 35.00 | 22.53 | 036-53-05 |

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

RECORD DRAWING
12-3-97

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

JOB NO.: 14326-041

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 5
PAVING PLAN & PROFILE
CREEKWOOD AVENUE N.W.

| APPROVALS | ENGINEER | DATE | APPROVALS | ENGINEER | DATE |
|---|---|---|---|---|---|
| DRC CHAIRMAN | | | WATER | N/A RWK | 6-5-95 |
| TRANSPORTATION | K. Dourde | 6-02-95 | WASTE WATER | N/A RWK | 6-5-95 |
| HYDROLOGY | | | A.M.A.F.C.A. | | |

PROJECT NO. 4886.94 | MAP NO. G,H-9 | SHEET 21 OF 39

AS BUILT INFORMATION
CONTRACTOR SUNDANCE MECH
WORK DONE BY C.S.C. DATE 1996
INSPECTOR'S ACCEPTANCE BY C.S.C. DATE 12/97
FIELD VERIFICATION BY C.S.C. DATE 12/97
DRAWINGS CORRECTED BY C.S.C. DATE 12/97
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.
S.O. 19 ELEVATION 5534.50 FEET

SURVEY INFORMATION
FIELD NOTES

| NO. | BY | DATE |
|---|---|---|
| 1 | COMMUNITY SCIENCES | |

ENGINEER'S SEAL

| NO. | DATE | REMARKS | BY |
|---|---|---|---|
| | | REVISIONS | |

DESIGN
DESIGNED BY S.R.L. DATE MARCH, 1995
DRAWN BY A.M. DATE MARCH, 1995
CHECKED BY J.D.H. DATE MARCH, 1995

14326C21.DWG

SCANNED BY
BY LASON

CORRALES, NEW MEXICO - (505) 897-0000

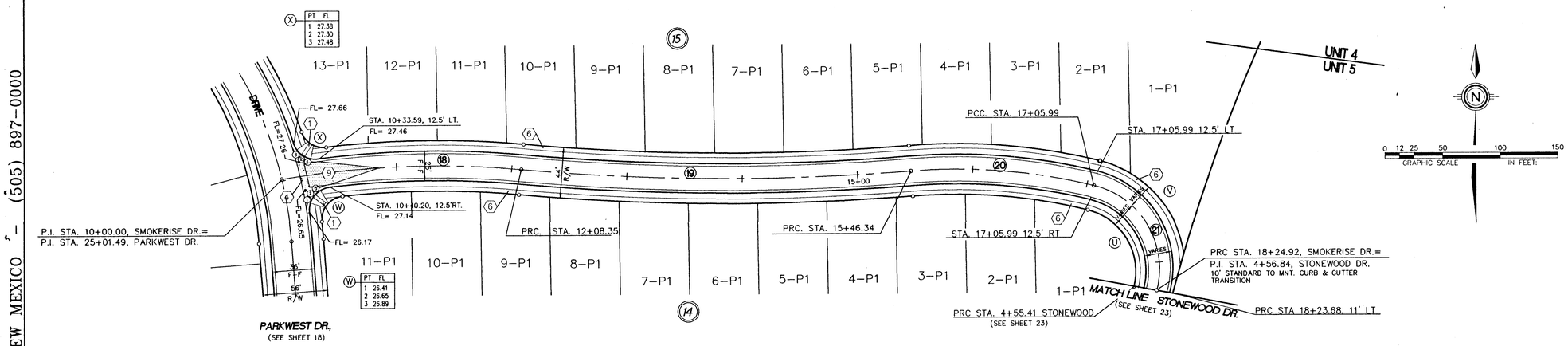
COMMUNITY SCIENCES CORPORATION

⑱ ℄ CURVE DATA
R = 800.00'
L = 208.35'
Δ = 014°55'19"
CH = 207.76'
CH-BEARING = N87°52'57"E

⑲ ℄ CURVE DATA
R = 2000.00'
L = 337.99'
Δ = 009°40'58"
CH = 337.59'
CH-BEARING = S89°29'52"E

⑳ ℄ CURVE DATA
R = 500.00'
L = 159.64'
Δ = 018°17'38"
CH = 158.97'
CH-BEARING = S85°11'32"E

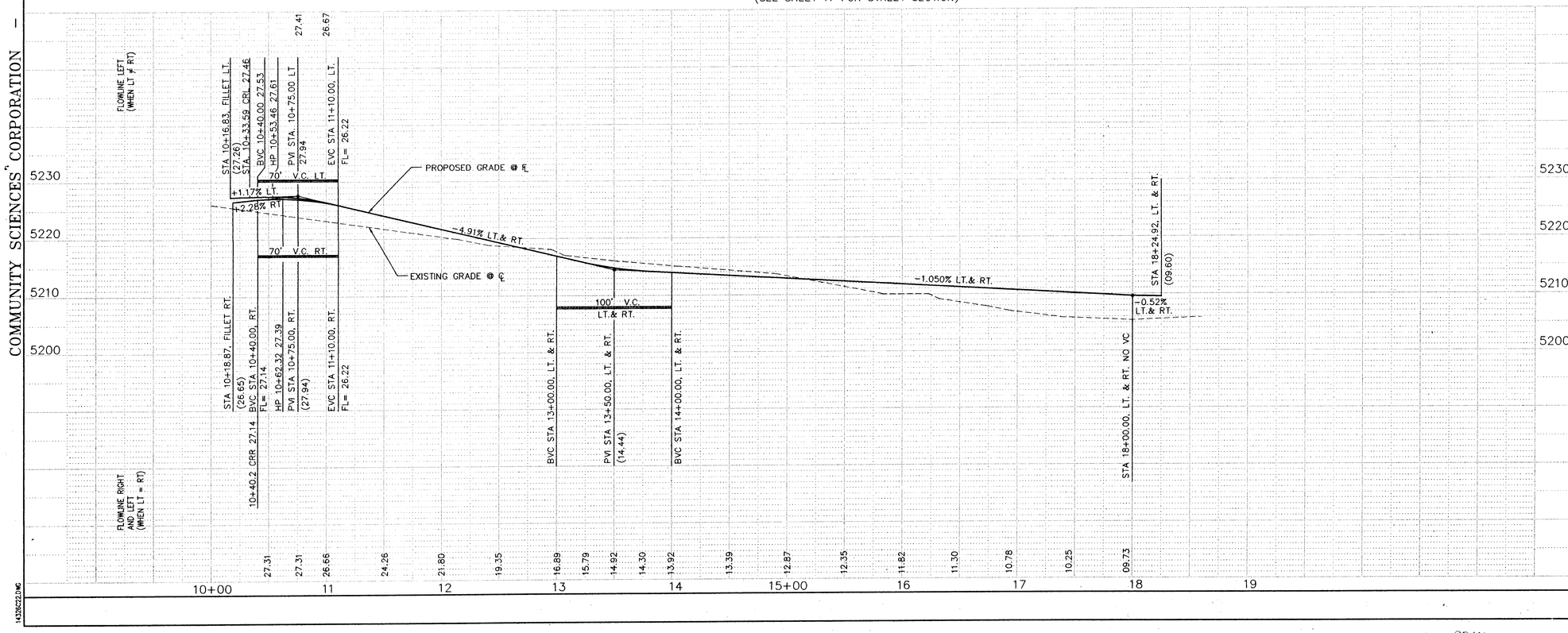
㉑ ℄ CURVE DATA
R = 75.00'
L = 118.93'
Δ = 090°51'29"
CH = 106.86'
CH-BEARING = S30°36'59"E




## SMOKERISE AVENUE N.W.

MOUNTABLE CURB & GUTTER W/ RESIDENTIAL PAVING

(SEE SHEET 17 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

**CURB CURVE TABLE AT FACE OF CURB**

| CURVE ID | RADIUS | ARC | DELTA |
|---|---|---|---|
| A | 20.00 | 33.15 | 094-58-11 |
| B | 20.00 | 20.35 | 058-17-54 |
| C | 20.00 | 25.75 | 073-46-18 |
| D | 20.00 | 29.21 | 083-40-56 |
| E | 20.00 | 31.42 | 090-00-00 |
| F | 20.00 | 31.42 | 090-00-00 |
| G | 20.00 | 31.42 | 090-00-00 |
| H | 20.00 | 31.42 | 090-00-00 |
| I | 20.00 | 31.42 | 090-00-00 |
| J | 20.00 | 31.42 | 090-00-00 |
| K | 20.00 | 26.12 | 074-50-31 |
| L | 20.00 | 35.20 | 100-51-05 |
| M | 20.00 | 28.12 | 080-32-49 |
| N | 20.00 | 37.69 | 107-58-20 |
| O | 20.00 | 30.03 | 086-01-10 |
| P | 20.00 | 30.70 | 087-57-46 |
| Q | 64.00 | 94.44 | 084-32-46 |
| R | 86.00 | 127.07 | 084-39-36 |
| S | 20.00 | 30.99 | 088-46-37 |
| T | 20.00 | 30.99 | 088-46-37 |
| U | 64.00 | 101.43 | 090-48-22 |
| V | 86.00 | 136.45 | 090-54-35 |
| W | 20.00 | 31.85 | 091-15-08 |
| X | 20.00 | 27.79 | 079-37-25 |
| Y | 20.00 | 32.86 | 094-08-07 |
| Z | 20.00 | 31.10 | 089-06-25 |
| AA | 20.00 | 29.68 | 085-01-28 |
| BB | 20.00 | 29.68 | 085-01-28 |
| CC | 10.00 | 31.42 | 180-00-00 |
| DD | 35.00 | 22.53 | 036-53-05 |

AS BUILT INFORMATION
CONTRACTOR SUNDANCE MESA DATE 96
WORK STAKE BY CSC DATE 12/97
RECORDS ACCEPTANCE BY CSC DATE 12/97
FIELD VERIFICATION BY CSC DATE 12/97
DRAWINGS CORRECTED BY CSC DATE 12/97
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. N.W. 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 0.6 MI. TO A DIRT CROSS RD., TURN RIGHT, GO NORTH ON THE DIRT RD. 0.5 MI.
SUM. 5/9 ELEVATION = 5334.50 FEET

SURVEY INFORMATION
FIELD NOTES

| NO. | BY | DATE |
|---|---|---|
| 1 | COMMUNITY SCIENCES | |

ENGINEER'S SEAL

| NO. | DATE | REMARKS | BY |
|---|---|---|---|
| | | REVISIONS | |

DESIGN
DESIGNED BY S.R.L. DATE MARCH, 1995
DRAWN BY A.M. DATE MARCH, 1995
CHECKED BY J.C.H. DATE MARCH, 1995

26-14886.94 22 97

RECORD DRAWING
12-3-97

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

JOB NO.: 14326-041

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 5
PAVING PLAN & PROFILE
SMOKERISE AVENUE N.W.

| APPROVALS | ENGINEER | DATE | APPROVALS | ENGINEER | DATE |
|---|---|---|---|---|---|
| DRC CHAIRMAN | | | WATER | N/A RWK | 6-5-95 |
| TRANSPORTATION | R. Dourte | 6-02-95 | WASTE WATER | N/A RWK | 6-5-95 |
| HYDROLOGY | N/A JPC | 9-19-95 | A.M.A.F.C.A. | | |

PROJECT NO. 4886.94 | MAP NO. G,H-9 | SHEET 22 OF 39

14326\22.DWG

SCANNED BY BY LASON

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

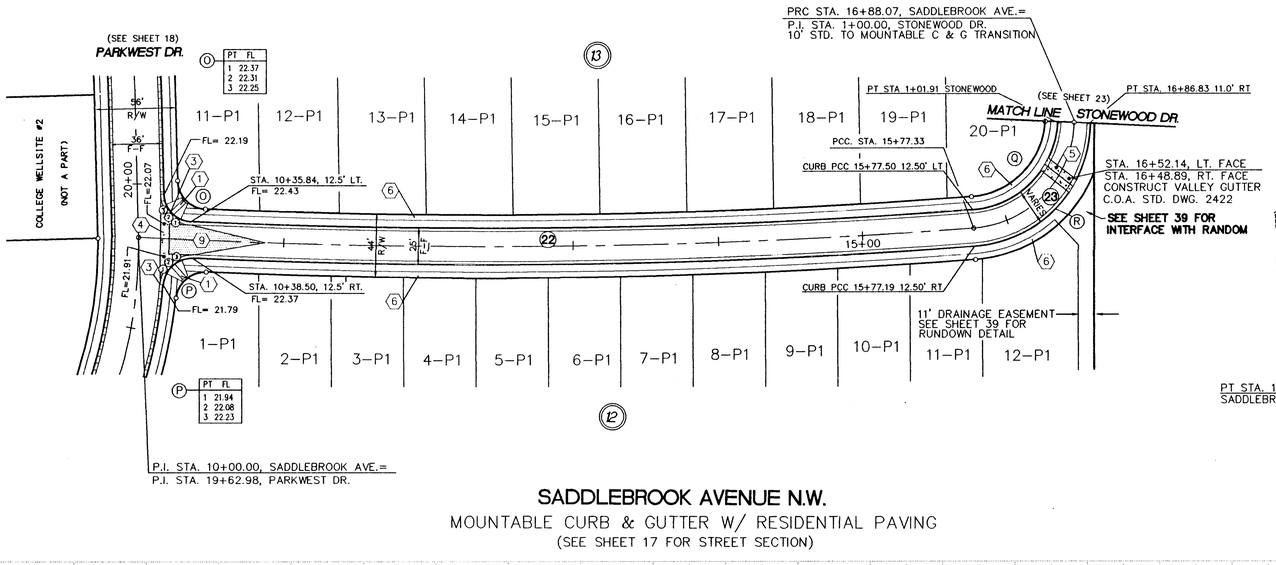
22 C CURVE DATA
R = 4500.00'
L = 577.33'
Δ = 007°21'03"
CH = 576.93'
CH-BEARING = N89°23'01"E

23 ℄ CURVE DATA
R = 75.00'
L = 110.75'
Δ = 084°36'11"
CH = 100.95
CH-BEARING = S43°24'24"W

24 ℄ CURVE DATA
R = 1491.55'
L = 184.33'
Δ = 007°04'51"
CH = 184.21'
CH-BEARING = S04°38'44"W

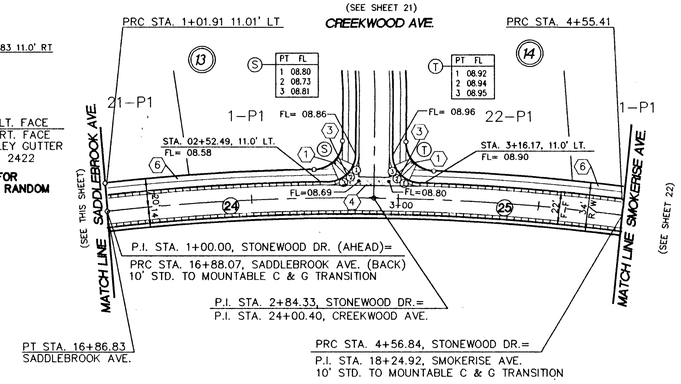
25 ℄ CURVE DATA
R = 1491.55'
L = 172.51'
Δ = 006°37'36"
CH = 172.41'
CH-BEARING = S11°29'58"W

GRAPHIC SCALE 0 12 25 50 100 150 IN FEET:



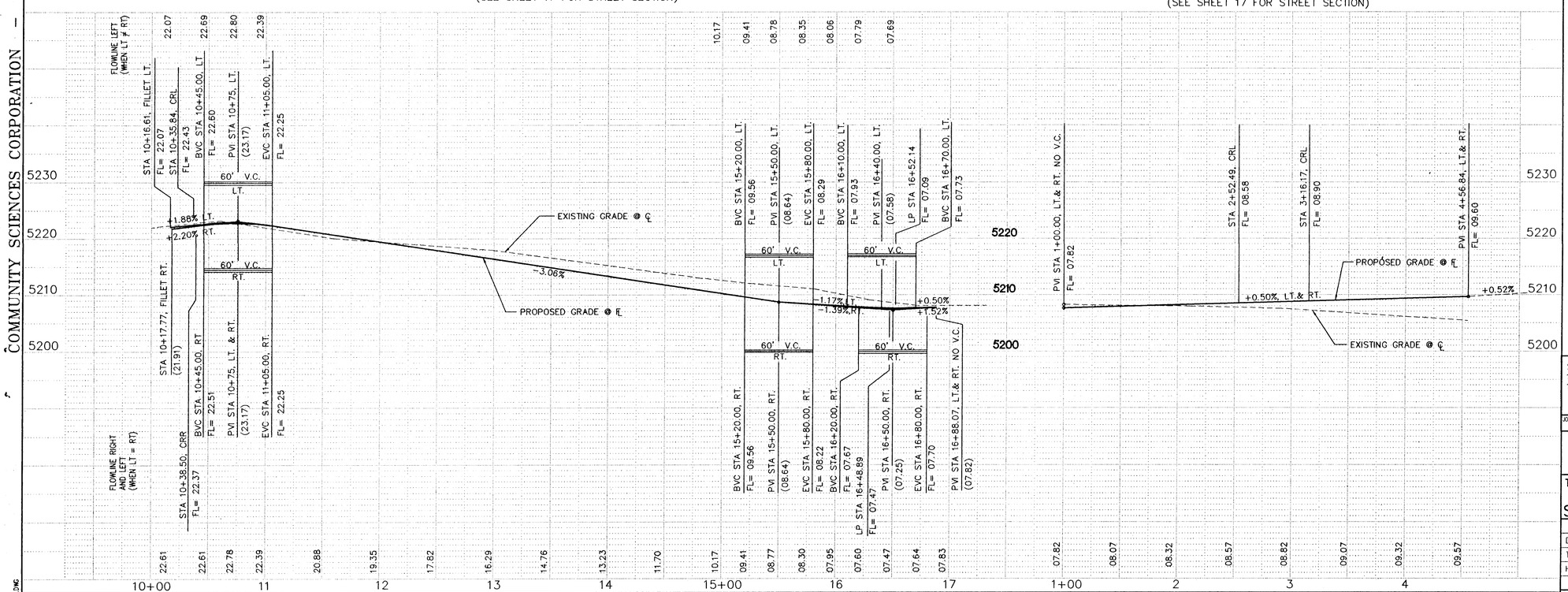

## SADDLEBROOK AVENUE N.W.

MOUNTABLE CURB & GUTTER W/ RESIDENTIAL PAVING
(SEE SHEET 17 FOR STREET SECTION)




## STONEWOOD DRIVE N.W.

STANDARD CURB & GUTTER W/ RESIDENTIAL PAVING
(SEE SHEET 17 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 CUTTER 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

**CURB CURVE TABLE AT FACE OF CURB**

| CURVE ID | RADIUS | ARC | DELTA |
|---|---|---|---|
| A | 20.00 | 33.15 | 094-58-11 |
| B | 20.00 | 20.35 | 058-17-54 |
| C | 20.00 | 25.75 | 073-46-16 |
| D | 20.00 | 29.21 | 083-40-56 |
| E | 20.00 | 31.42 | 090-00-00 |
| F | 20.00 | 31.42 | 090-00-00 |
| G | 20.00 | 31.42 | 090-00-00 |
| H | 20.00 | 31.42 | 090-00-00 |
| I | 20.00 | 31.42 | 090-00-00 |
| J | 20.00 | 31.42 | 090-00-00 |
| K | 20.00 | 26.12 | 074-50-31 |
| L | 20.00 | 35.20 | 100-51-05 |
| M | 20.00 | 28.12 | 080-32-49 |
| N | 20.00 | 37.69 | 107-58-20 |
| O | 20.00 | 30.03 | 086-01-10 |
| P | 20.00 | 30.70 | 087-57-46 |
| Q | 64.00 | 94.44 | 084-32-46 |
| R | 86.00 | 127.07 | 084-39-36 |
| S | 20.00 | 30.99 | 088-46-37 |
| T | 20.00 | 30.99 | 088-46-37 |
| U | 64.00 | 101.43 | 090-48-22 |
| V | 86.00 | 136.45 | 090-54-35 |
| W | 20.00 | 31.85 | 091-15-08 |
| X | 20.00 | 27.79 | 079-37-25 |
| Y | 20.00 | 32.86 | 094-08-07 |
| Z | 20.00 | 31.10 | 089-06-25 |
| AA | 20.00 | 29.68 | 085-01-28 |
| BB | 20.00 | 29.68 | 085-01-28 |
| CC | 10.00 | 31.42 | 180-00-00 |
| DD | 35.00 | 22.53 | 036-53-05 |

**AS BUILT INFORMATION**
CONTRACTOR Sundance Mech.
WORK STAKED BY CSC DATE 9/96
CONSTRUCTION ACCEPTANCE BY CSC DATE 12/97
FIELD VERIFICATION BY CSC DATE 12/97
DRAWINGS CORRECTED BY CSC DATE 12/97
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

**BENCH MARKS**
4"CS BRASS TABLET STAMPED "2-CS" 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 0.6 MI. TO A DIRT CROSS RD., TURN RIGHT, GO NORTH ON THE DIRT RD. 0.5 MI.
S.D. 1929 ELEVATION = 5334.50 FEET

**SURVEY INFORMATION**
FIELD NOTES

| NO. | BY | DATE |
|---|---|---|
| 1 | COMMUNITY SCIENCES | |

ENGINEER'S SEAL

| NO. | DATE | REMARKS | BY |
|---|---|---|---|
| | | REVISIONS | |
| | | DESIGN | |

DESIGNED BY S.R.L. DATE MARCH, 1995
DRAWN BY A.M. DATE MARCH, 1995
CHECKED BY J.D.H DATE MARCH, 1995

26-4886.94 12397

RECORD DRAWING
12-3-97

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

JOB NO.: 14326-041

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 5
PAVING PLAN & PROFILE
SADDLEBROOK AVE & STONEWOOD DRIVE N.W.

| APPROVALS | ENGINEER | DATE | APPROVALS | ENGINEER | DATE |
|---|---|---|---|---|---|
| DRC CHAIRMAN | | | WATER | N/A RWK | 6-5-95 |
| TRANSPORTATION | | 6-02-95 | WASTE WATER | N/A RWK | 6-5-95 |
| HYDROLOGY | N/A | 9-19-95 | A.M.A.F.C.A. | | |

PROJECT NO. 4886.94 MAP NO. G,H9 SHEET 23 OF 39

SCANNED BY BY LASON

℄ CURVE DATA
R = 120.00'
L = 132.85'
Δ = 063°25'45"
CH = 126.17'
CH-BEARING = S38°07'43"W

(27) ℄ CURVE DATA
R = 598.00'
L = 69.51'
Δ = 006°39'36"
CH = 69.47'
CH-BEARING = S73°10'23"W

(28) ℄ CURVE DATA
R = 674.13'
L = 48.04'
Δ = 004°04'59"
CH = 48.03'
CH-BEARING = S78°32'41"W

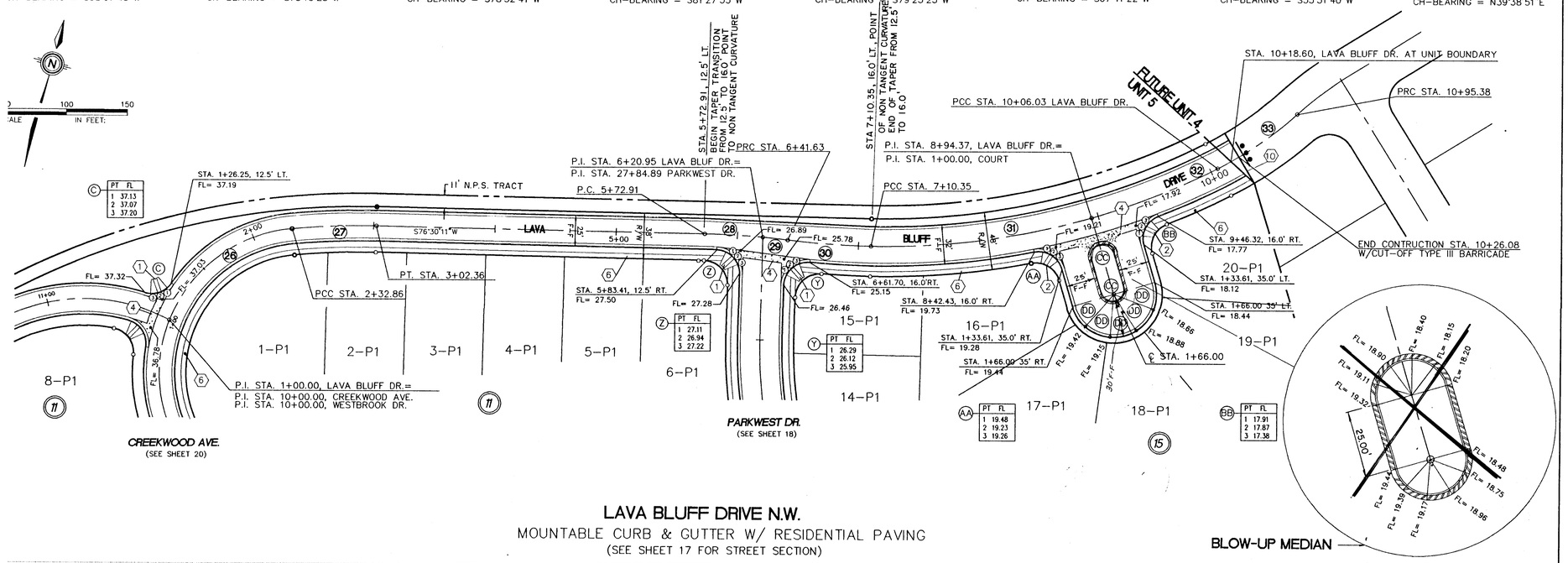
(29) ℄ CURVE DATA
R = 674.13'
L = 20.68'
Δ = 001°45'29"
CH = 20.68'
CH-BEARING = S81°27'55"W

(30) ℄ CURVE DATA
R = 674.13'
L = 68.72'
Δ = 005°50'28"
CH = 68.69'
CH-BEARING = S79°25'25"W

(31) ℄ CURVE DATA
R = 598.13'
L = 184.02'
Δ = 017°37'38"
CH = 183.29'
CH-BEARING = S67°41'22"W

(32) ℄ CURVE DATA
R = 598.13'
L = 111.50'
Δ = 010°41'45"
CH = 111.50'
CH-BEARING = S53°31'40"W

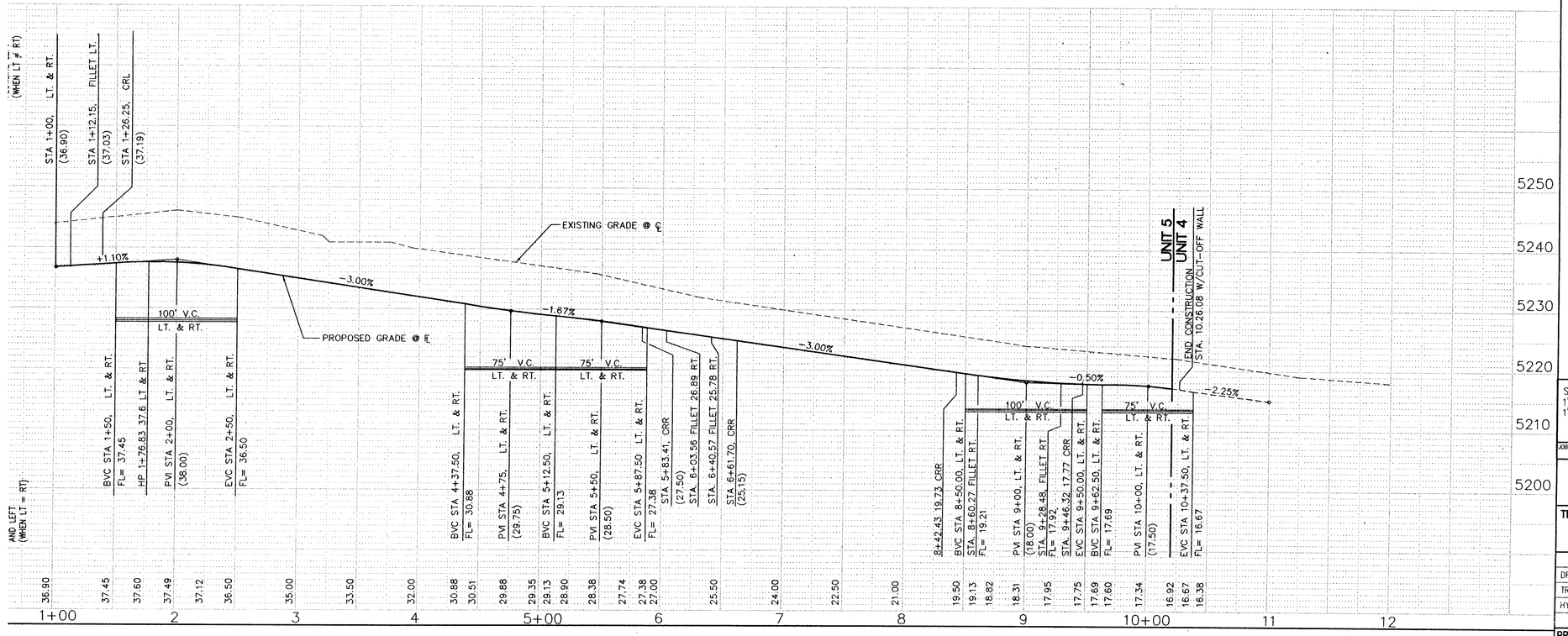
(33) ℄ CURVE DATA
R = 300.00'
L = 89.35'
Δ = 017°03'53"
CH = 89.02'
CH-BEARING = N39°38'51"E




## LAVA BLUFF DRIVE N.W.

MOUNTABLE CURB & GUTTER W/ RESIDENTIAL PAVING

(SEE SHEET 17 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
- PROPOSED MEDIAN CURB & GUTTER

## 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

**CURB CURVE TABLE AT FACE OF CURB**

| CURVE ID | RADIUS | ARC | DELTA |
|---|---|---|---|
| A | 20.00 | 33.15 | 094-58-11 |
| B | 20.00 | 20.35 | 058-17-54 |
| C | 20.00 | 25.75 | 073-46-16 |
| D | 20.00 | 29.21 | 083-40-56 |
| E | 20.00 | 31.42 | 090-00-00 |
| F | 20.00 | 31.42 | 090-00-00 |
| G | 20.00 | 31.42 | 090.00-00 |
| H | 20.00 | 31.42 | 090-00-00 |
| I | 20.00 | 31.42 | 090-00-00 |
| J | 20.00 | 31.42 | 090-00-00 |
| K | 20.00 | 26.12 | 074-50-31 |
| L | 20.00 | 35.20 | 100-51-05 |
| M | 20.00 | 28.12 | 080-32-49 |
| N | 20.00 | 37.69 | 107-58-20 |
| O | 20.00 | 30.03 | 086-01-10 |
| P | 20.00 | 30.70 | 087-57-46 |
| Q | 64.00 | 94.44 | 084-32-46 |
| R | 86.00 | 127.07 | 084-39-36 |
| S | 20.00 | 30.99 | 088-46-37 |
| T | 20.00 | 30.99 | 088-46-37 |
| U | 64.00 | 101.43 | 090-48-22 |
| V | 86.00 | 136.45 | 090-54-35 |
| W | 20.00 | 31.85 | 091-15-08 |
| X | 20.00 | 27.79 | 079-37-25 |
| Y | 20.00 | 32.86 | 094-08-07 |
| Z | 20.00 | 31.10 | 089-06-25 |
| AA | 20.00 | 29.68 | 085-01-28 |
| BB | 20.00 | 29.68 | 085-01-28 |
| CC | 10.00 | 31.42 | 180-00-00 |
| DD | 35.00 | 22.53 | 036-53-05 |

AS BUILT INFORMATION
CONTRACTOR SUNDANCE MECH. DATE 9-96
WORK STAKED BY C.S.C. DATE 12/97
INSPECTOR'S ACCEPTANCE BY C.S.C. DATE 12/97
FIELD VERIFICATION BY C.S.C. DATE 12/97
DRAWINGS CORRECTED BY C.S.C. DATE 12/97
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS
ACS BRASS TABLET STAMPED "2-69" 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. ALON THE NORTH BANK OF THE DAM 0.6 MI. TO A DIRT CROSS RD., TURN "T", 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

| NO. | DATE | REMARKS | BY |
|---|---|---|---|
| | | REVISIONS | |

DESIGNED BY S.R.L. DATE MARCH, 1995
DRAWN BY A.M. DATE MARCH, 1995
CHECKED BY DATE MARCH, 1995

26 48 86.94 24 97

RECORD DRAWING
12-3-97

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

JOB NO.: 14326-041

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

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

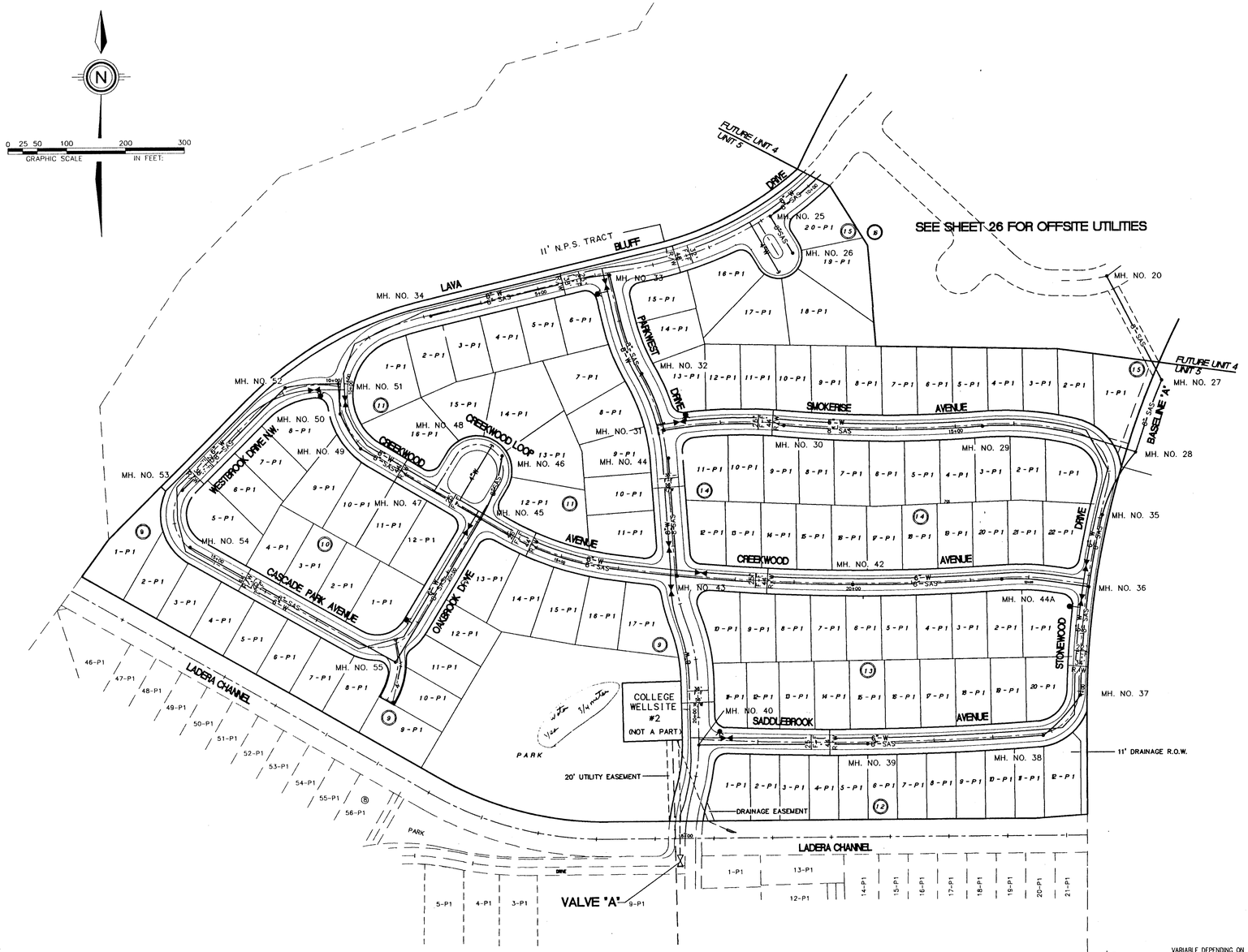
TITLE: PARKWEST-UNIT 5
PAVING PLAN & PROFILE
LAVA BLUFF DRIVE N.W.

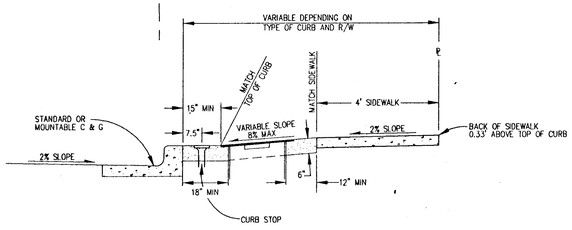
| APPROVALS | ENGINEER | DATE | APPROVALS | ENGINEER | DATE |
|---|---|---|---|---|---|
| DRC CHAIRMAN | | | WATER | N/A RWL | 6-5-95 |
| TRANSPORTATION | R. Brooks | 6-02-95 | WASTE WATER | N/A RWL | 6-5-95 |
| HYDROLOGY | N/A JPC | 9-19-95 | A.M.A.F.C.A. | | |

PROJECT NO. 4886.94 | MAP NO. G,H-9 | SHEET 24 OF 39

SCANNED BY LASON

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

## 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 | |

## 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= LENGTH TO BE RESTRAINED EACH SIDE OF THE FITTINGS.

3. ALL FIRE HYDRANTS & FITTINGS ETC. SHALL BE BUILT IN ACCORDANCE WITH C.O.A. STD. DWGS. 2301 THRU 2380 INCLUSIVE.

4. FOR MH. #'s 29,30,31,32,43,45 & 47 SEE SPECIAL MH. DETAIL ON SHEET 39.

## WATER SHUT-OFF PLAN

1. VALVES NO. A AND 703 SHALL BE SHUT-OFF SO NON-PRESSURE CONNECTIONS CAN BE MADE.

2. CONTRACTOR SHALL CONTACT WATER SYSTEMS DIVISION (857-8200) THREE (3) WORKING DAYS PRIOR TO VALVE SHUT-OFF ONLY WATER SYSTEMS PERSONNELARE AUTHORIZED TO OPERATE VALVES.

1 3 4 5 6 7 8 9 10 11 12 13 14 15
26-4886.94 2597

RECORD DRAWING
12-3-97

| | |
|---|---|
| DATE: MAR. 1995 | community sciences corporation |
| SCALE: 1"= 100' | |
| DESIGNED: B.O.M. | |
| DRAWN: A.B.M. | |
| JOB NO.: 14326-PRE | LAND PLANNING ENGINEERING SURVEYING P.O. Box 1328 Corrales, N.M. 87048 |

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: PARKWEST- UNIT 5
COMPOSITE UTILITY PLAN
ON-SITE UTILITIES

| APPROVALS | ENGINEER | DATE | APPROVALS | ENGINEER | DATE |
|---|---|---|---|---|---|
| DRC CHAIRMAN | | | WATER | R.W. Kane | 6-5-95 |
| TRANSPORTATION | N/A KHO | 6-02-95 | WASTE WATER | R.W. Kane | 6-5-95 |
| HYDROLOGY | N/A RPC | 9-19-95 | A.M.A.F.C.A. | | |

| PROJECT NO. | MAP NO. | SHEET |
|---|---|---|
| 4886.94 | G, H9 | 25 OF 39 |

SURVEY INFORMATION

| FIELD NOTES | | |
|---|---|---|
| NO. | BY | DATE |
| 1 | COMMUNITY SCIENCES | |

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. 929 ELEVATION = 5334.50 FEET

CONTRACTOR Sundance MESA.
WORK DONE BY CSC DATE 96
INSPECTOR'S ACCEPTANCE BY CSC DATE 12/97
FIELD VERIFICATION BY CSC DATE 12/97
DRAWINGS CORRECTED BY CSC DATE 12/97
MICRO-FILM INFORMATION
RECORDED BY
DATE
NO.

ENGINEER'S SEAL

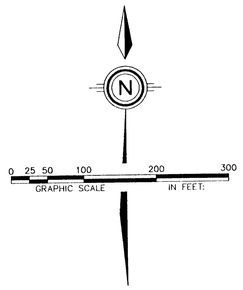
| NO. | DATE | REMARKS | BY |
|---|---|---|---|
| | | REVISIONS | |
| | | DESIGN | |

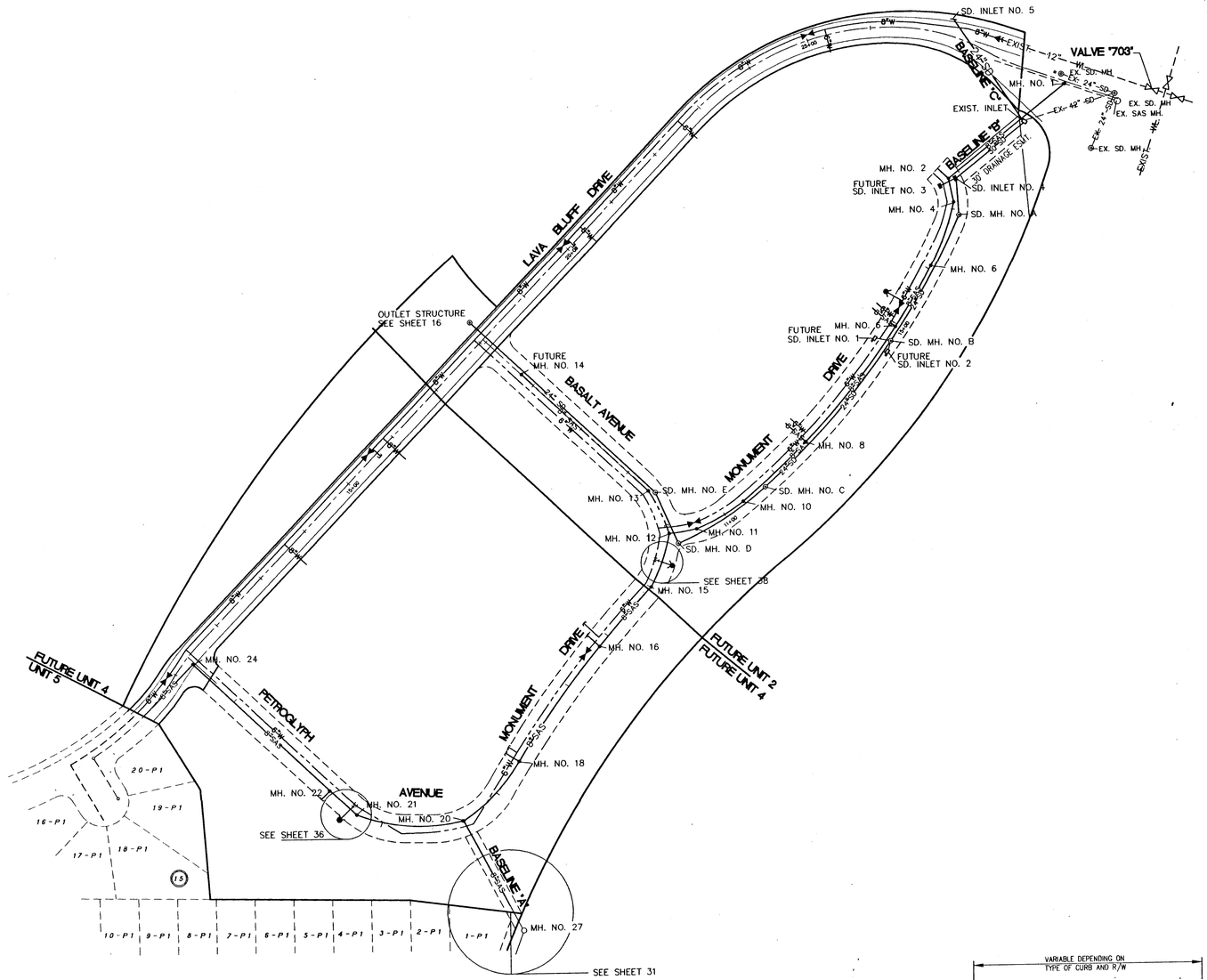
| | | DATE |
|---|---|---|
| DESIGNED BY | B.O.M. | MARCH 1995 |
| DRAWN BY | A.M. | MARCH 1995 |
| CHECKED BY | J.D.H. | MARCH 1995 |

14326
14326025.DWG

SCANNED BY LASON

18 24-26




## 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 | W | |
| WATERLINE (FUTURE) | ——6"W | |

## 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.

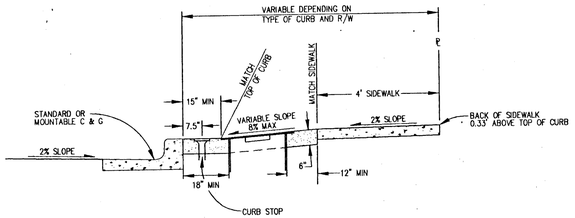
2. LR SHALL BE THE LENGTH OF WATER MAIN THAT REQUIRED JOINTS ON EACH SIDE OF THE FITTINGS.

3. ALL FIRE HYDRANTS & FITTINGS ETC. SHALL BE BUILT IN ACCORDANCE WITH C.O.A. STD. DWGS. 2301 THRU 2380 INCLUSIVE.

## WATER SHUT-OFF PLAN

1. VALVES NO. A AND 703 SHALL BE SHUT-OFF SO NON-PRESSURE CONNECTIONS CAN BE MADE.

2. CONTRACTOR SHALL CONTACT WATER SYSTEMS DIVISION (857-8200) THREE (3) WORKING DAYS PRIOR TO VALVE SHUT-OFF ONLY WATER SYSTEMS PERSONNELARE AUTHORIZED TO OPERATE VALVES.




**WATER METER BOX INSTALLATION**

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

| SURVEY INFORMATION | | | |
|---|---|---|---|
| FIELD NOTES | | | |
| NO. | BY | DATE | |
| 1 | COMMUNITY SCIENCES | | |

| 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 | |

CONTRACTOR Sundance Mech. DATE 96
WORK STAKE BY CSC DATE 12/97
INSPECTOR ACCEPTANCE BY CSC DATE 12/97
FIELD VERIFICATION BY CSC DATE 12/97
DRAWINGS CORRECTED BY CSC DATE 12/97
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

ENGINEER'S SEAL

| NO. | DATE | REMARKS | BY |
|---|---|---|---|
| | | REVISIONS | |

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

26-4886.94 2607

RECORD DRAWING
12-3-97

DATE: MARCH, 1995
SCALE: 1"= 100'
DESIGNED: S.R.L.
DRAWN: A.M.
JOB NO.: 14326-PRE

**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 5
COMPOSITE UTILITY PLAN
OFFSITE UTILITIES

| APPROVALS | ENGINEER | DATE | APPROVALS | ENGINEER | DATE |
|---|---|---|---|---|---|
| DRC CHAIRMAN | | | WATER | R.W. Kane | 6-5-95 |
| TRANSPORTATION | N/A RHP | 6-02-95 | WASTE WATER | R.W. Kane | 6-5-95 |
| HYDROLOGY | | | | | |

PROJECT NO. 4886.94 | MAP NO. G, H9 | SHEET 26 OF 30

SCANNED BY BY LASON

CS-92 81

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

① ℄ CURVE DATA
R = 300.00'
L = 48.51'
Δ = 009°15'52"
CH = 48.46
CH-BEARING = N11°40'10"E

② ℄ CURVE DATA
R = 300.00'
L = 92.57'
Δ = 017°40'46"
CH = 92.20'
CH-BEARING = S07°27'43"W

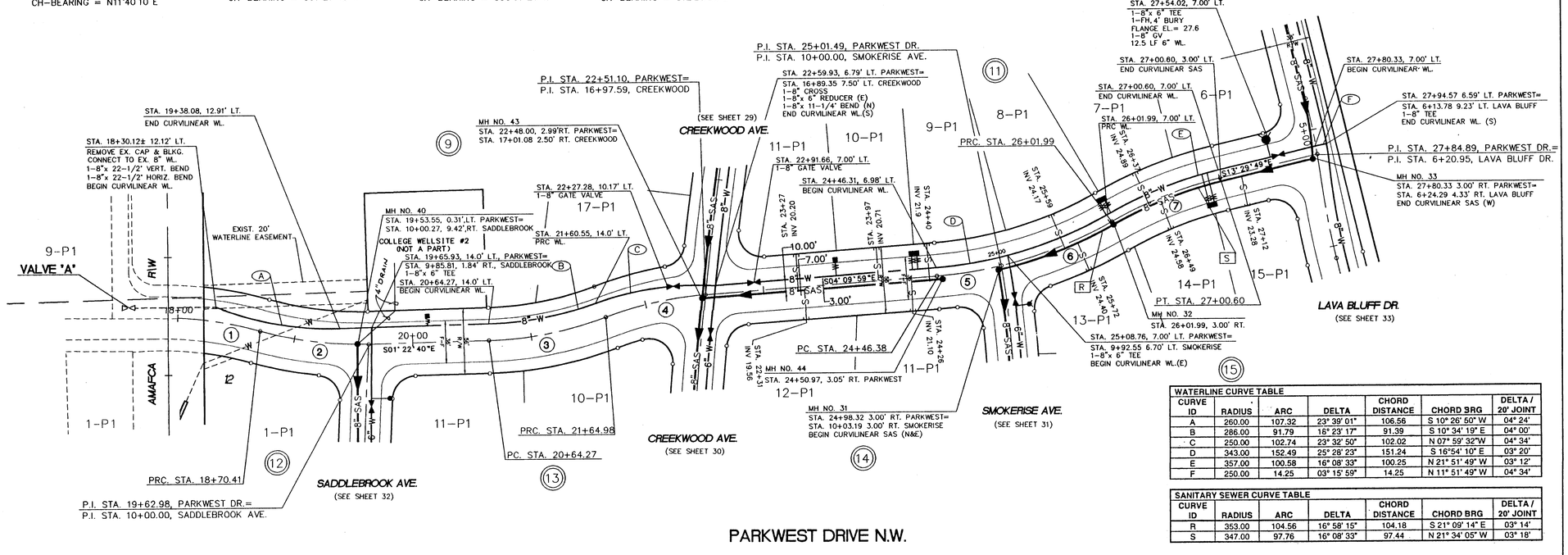
③ ℄ CURVE DATA
R = 300.00'
L = 100.71'
Δ = 019°14'06"
CH = 100.24'
CH-BEARING = S88°37'20"W

④ ℄ CURVE DATA
R = 300.00'
L = 86.11'
Δ = 016°26'48"
CH = 85.82
CH-BEARING = S12°23'23"E

⑤ ℄ CURVE DATA
R = 350.00'
L = 55.11'
Δ = 009°01'18"
CH = 55.05'
CH-BEARING = S08°40'38"E

⑥ ℄ CURVE DATA
R = 350.00'
L = 100.50'
Δ = 016°27'05"
CH = 100.15'
CH-BEARING = S21°24'49"E

⑦ ℄ CURVE DATA
R = 350.00'
L = 98.61'
Δ = 016°08'33"
CH= 98.28
CH-BEARING = N 21°34'05" W




PARKWEST DRIVE N.W.

| WATERLINE CURVE TABLE | | | | | | |
|---|---|---|---|---|---|---|
| CURVE ID | RADIUS | ARC | DELTA | CHORD DISTANCE | CHORD BRG | DELTA / 20' JOINT |
| A | 260.00 | 107.32 | 23° 39' 01" | 106.56 | S 10° 26' 50" W | 04° 24' |
| B | 286.00 | 91.79 | 16° 23' 17" | 91.39 | S 10° 34' 19" E | 04° 00' |
| C | 250.00 | 102.74 | 23° 32' 50" | 102.02 | N 07° 59' 32"W | 04° 34' |
| D | 343.00 | 152.49 | 25° 28' 23" | 151.24 | S 16°54' 10" E | 03° 20' |
| E | 357.00 | 100.58 | 16° 08' 33" | 100.25 | N 21° 51' 49" W | 03° 12' |
| F | 250.00 | 14.25 | 03° 15' 59" | 14.25 | N 11° 51' 49" W | 04° 34' |

| SANITARY SEWER CURVE TABLE | | | | | | |
|---|---|---|---|---|---|---|
| CURVE ID | RADIUS | ARC | DELTA | CHORD DISTANCE | CHORD BRG | DELTA / 20' JOINT |
| R | 353.00 | 104.56 | 16° 58' 15" | 104.18 | S 21° 09' 14" E | 03° 14' |
| S | 347.00 | 97.76 | 16° 08' 33" | 97.44 | N 21° 34' 05" W | 03° 18' |

## 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 | |

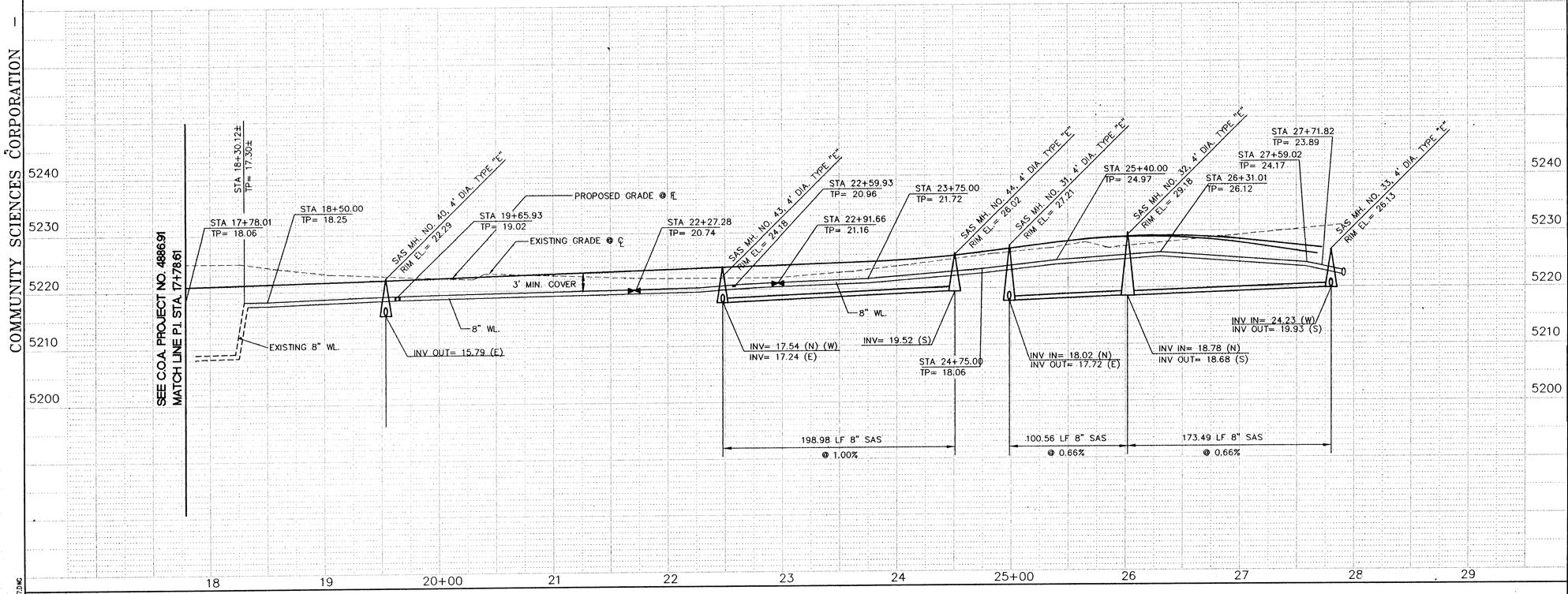
WATERLINE CURVILINEAR ID. (A)
SANITARY SEWER CURVILINEAR ID. [B]
STORM DRAINAGE CURVILINEAR ID. △

| RESTRAINING LENGTHS | |
|---|---|
| FITTING | LR (FT) |
| | |
| 6"-11¼° Bend | 2 |
| 6"-22½° Bend | 3 |
| 6"-45° Bend | 7 |
| 8"-11¼° Bend | 2 |
| 8"-22½° Bend | 4 |
| 6" GV | 46 |
| 8" GV | 60 |
| 8X6 Reducers | 25 L/33 S |
| 8X8 Tee | 9 Run/20 Branch |
| 8X6 Tee | 5 Run/17 Branch |
| 8" Cross | 9 |
| 8X8X4 Tee | 5/17 |
| 6X6X6 Tee | 6/20 |
| 6" Dead Ends | 46 |
| 8" Dead Ends | 60 |
| 12x8 Reducers | 45 Run/68 Branch |

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 3 4 5 6 7 8 9 10 11 12 13 14
216-4886.94 12/97

RECORD DRAWING
12-3-97




| AS BUILT INFORMATION | | |
|---|---|---|
| CONTRACTOR | SUNDANCE MECH. | |
| WORK STAKED BY | C.S.C. | DATE 9-96 |
| AS-BUILTS BY | C.S.C. | DATE 12/97 |
| ACCEPTANCE BY | C.S.C. | DATE 12/97 |
| VERIFICATION BY | C.S.C. | DATE 12/97 |
| DRAWINGS COORDINATED BY | MICRO-FILM INFORMATION | |

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

RECORDED BY
NO. DATE

SURVEY INFORMATION
FIELD NOTES

| NO. | BY | DATE |
|---|---|---|
| 1 | COMMUNITY SCIENCES | |

ENGINEER'S SEAL

| NO. | DATE | REMARKS | BY |
|---|---|---|---|
| | | REVISIONS | |

DESIGN
DESIGNED BY BOM DATE MARCH, 1995
DRAWN BY A.M. DATE MARCH, 1995
CHECKED BY J.D.H. DATE MARCH, 1995

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

JOB NO.: 14326-041

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 5
UTILITY PLAN & PROFILE
PARKWEST DRIVE N.W.

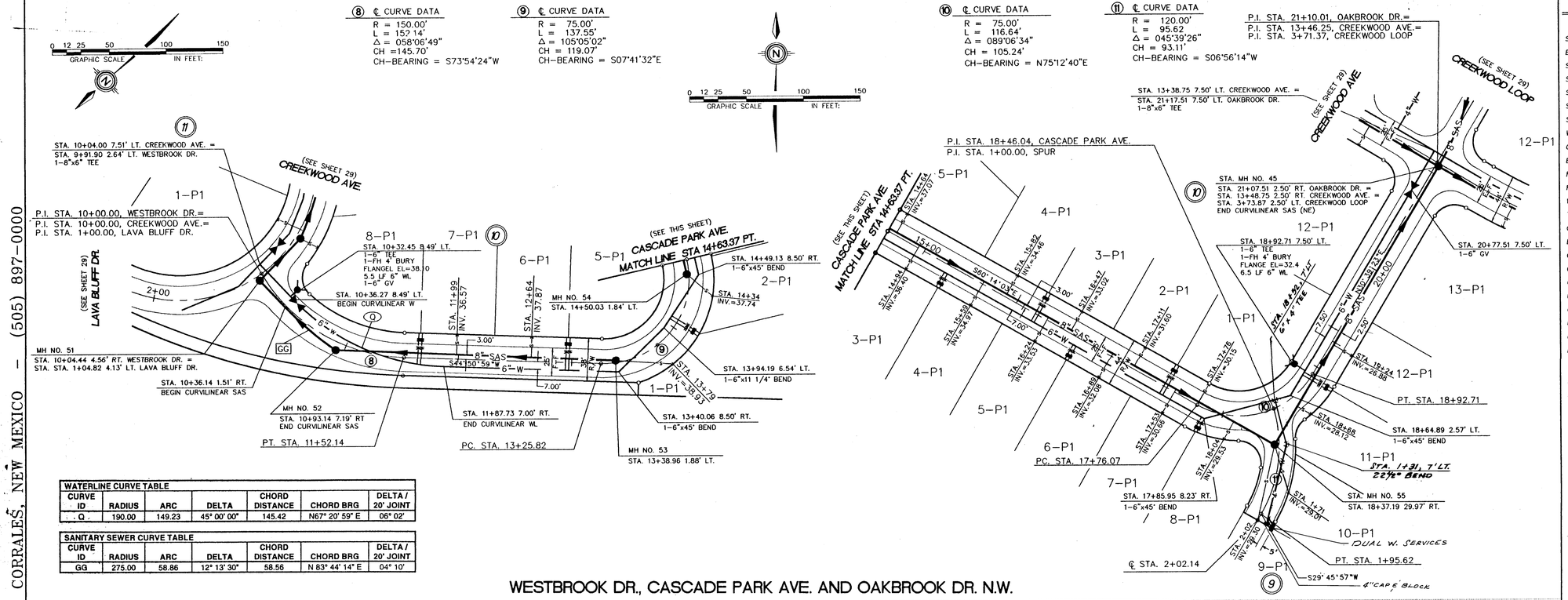
| APPROVALS | ENGINEER | DATE | APPROVALS | ENGINEER | DATE |
|---|---|---|---|---|---|
| DRC CHAIRMAN | | | WATER | R.W. Kane | 6-5-95 |
| TRANSPORTATION | N/A RHP | 6-02-95 | WASTE WATER | R.W. Kane | 6-5-95 |
| HYDROLOGY | NA JdC | 9-19-95 | A.M.A.F.C.A. | | |

PROJECT NO. 4886.94 MAP NO. G,H-9 SHEET 27 OF 30

14326027.DWG

SCANNED BY BY LASON

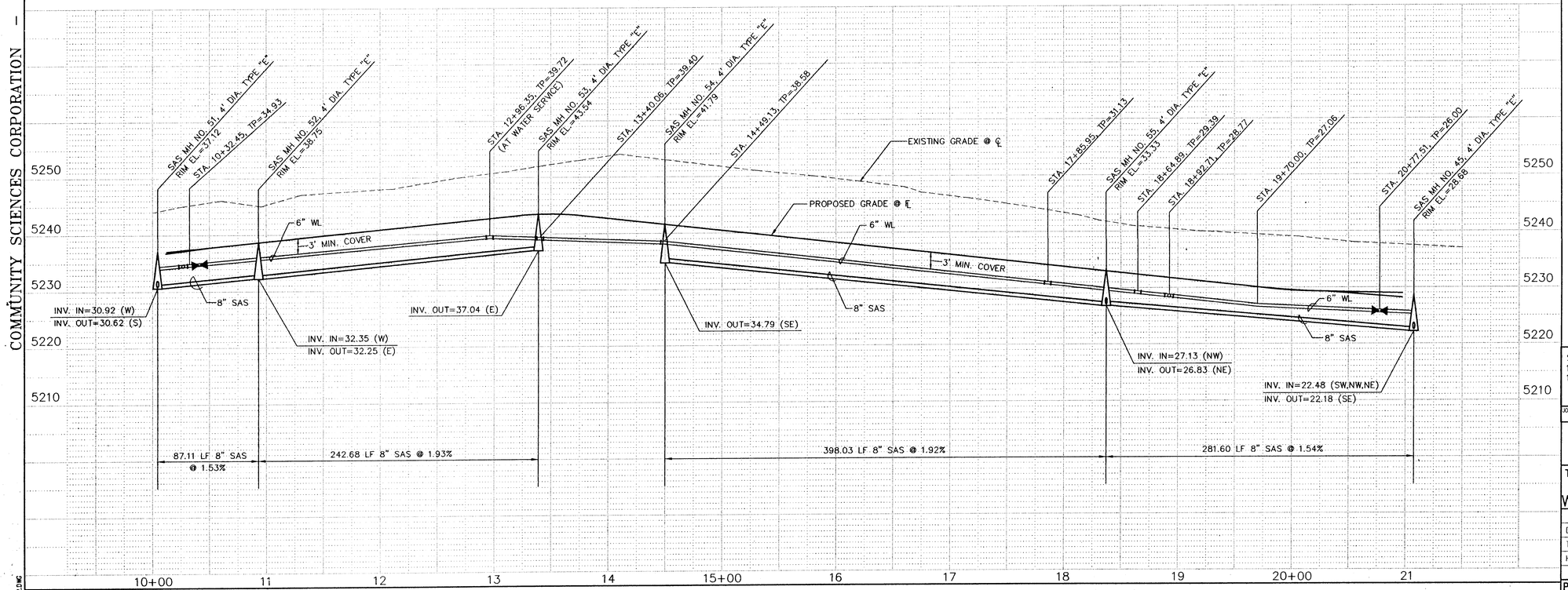
COMMUNITY SCIENCES CORPORATION – CORRALES, NEW MEXICO – (505) 897-0000




| WATERLINE CURVE TABLE | | | | | | |
|---|---|---|---|---|---|---|
| CURVE ID | RADIUS | ARC | DELTA | CHORD DISTANCE | CHORD BRG | DELTA / 20' JOINT |
| Q | 190.00 | 149.23 | 45° 00' 00" | 145.42 | N67° 20' 59" E | 06° 02' |

| SANITARY SEWER CURVE TABLE | | | | | | |
|---|---|---|---|---|---|---|
| CURVE ID | RADIUS | ARC | DELTA | CHORD DISTANCE | CHORD BRG | DELTA / 20' JOINT |
| GG | 275.00 | 58.86 | 12° 13' 30" | 58.56 | N 83° 44' 14" E | 04° 10' |

## WESTBROOK DR., CASCADE PARK AVE. AND OAKBROOK DR. 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 | |
| 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° Bend | 7 |
| 8"-11¼° Bend | 2 |
| 8"-22½° Bend | 4 |
| 6" GV | 46 |
| 8" GV | 60 |
| 8X6 Reducers | 25 L/33 S |
| 8X8 Tee | 9 Run/20 Branch |
| 8X6 Tee | 5 Run/17 Branch |
| 8" Cross | 9 |
| 8X8X4 Tee | 5/17 |
| 6X6X6 Tee | 6/20 |
| 6" Dead Ends | 46 |
| 8" Dead Ends | 60 |
| 12x8 Reducers | 45 Run/68 Branch |

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 3 4 5 6 7 8 9 10 11 12 13 14
26-4886.94 28 37

RECORD DRAWING
12-3-97

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

JOB NO.: 14326-041

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

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: PARKWEST-UNIT 5
UTILITY PLAN & PROFILE
WESTBROOK, CASCADEPARK & OAKBROOK DR.

| APPROVALS | ENGINEER | DATE | APPROVALS | ENGINEER | DATE |
|---|---|---|---|---|---|
| DRC CHAIRMAN | | | WATER | R.W. Kane | 6-5-95 |
| TRANSPORTATION | N/A GHD | 6-02-95 | WASTE WATER | R.W. Kane | 6-5-95 |
| HYDROLOGY | N/A JPC | 9-19-95 | A.M.A.F.C.A. | | |

PROJECT NO. 4886.94 | MAP NO. G,H-9 | SHEET 28 OF 39

**AS BUILT INFORMATION**
CONTRACTOR: SUNDANCE MESA
WORK STAKED BY: CSC DATE 9-96
STAKE CHECKED BY: CSC DATE 12/97
ACCEPTANCE BY: CSC DATE 12/97
FIELD VERIFICATION BY: CSC DATE 12/97
DRAWINGS CORRECTED BY: CSC DATE 12/97
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. .5 MI.
NGS 1929 ELEVATION = 5334.50 FEET

**SURVEY INFORMATION**
FIELD NOTES

| NO. | BY | DATE |
|---|---|---|
| 1 | COMMUNITY SCIENCES | |

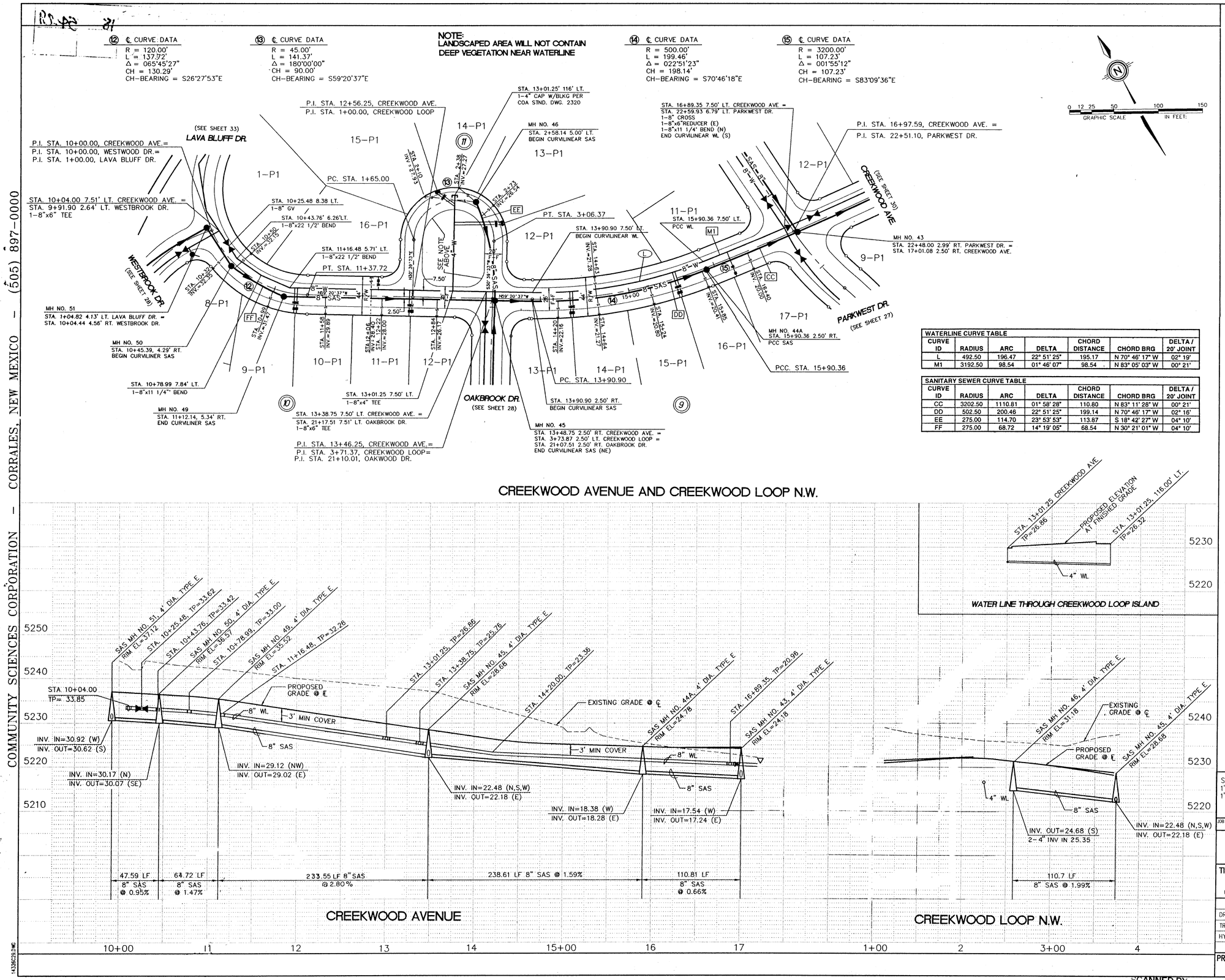
ENGINEER'S SEAL

| NO. | DATE | REMARKS | BY |
|---|---|---|---|
| | | REVISIONS | |

DESIGN

| | | DATE |
|---|---|---|
| DESIGNED BY | BDM | MARCH, 1995 |
| DRAWN BY | A.M. | MARCH, 1995 |
| CHECKED BY | JDHH | MARCH, 1995 |

SCANNED BY LASON




## 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 | |
| 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. (A)

**WATERLINE CURVE TABLE**

| CURVE ID | RADIUS | ARC | DELTA | CHORD DISTANCE | CHORD BRG | DELTA / 20' JOINT |
|---|---|---|---|---|---|---|
| L | 492.50 | 196.47 | 22° 51' 25" | 195.17 | N 70° 46' 17" W | 02° 19' |
| M1 | 3192.50 | 98.54 | 01° 46' 07" | 98.54 | N 83° 05' 03" W | 00° 21' |

**SANITARY SEWER CURVE TABLE**

| CURVE ID | RADIUS | ARC | DELTA | CHORD DISTANCE | CHORD BRG | DELTA / 20' JOINT |
|---|---|---|---|---|---|---|
| CC | 3202.50 | 1110.81 | 01° 58' 28" | 110.80 | N 83° 11' 28" W | 00° 21' |
| DD | 502.50 | 200.46 | 22° 51' 25" | 199.14 | N 70° 46' 17" W | 02° 16' |
| EE | 275.00 | 114.70 | 23° 53' 53" | 113.87 | S 18° 42' 27" W | 04° 10' |
| FF | 275.00 | 68.72 | 14° 19' 05" | 68.54 | N 30° 21' 01" W | 04° 10' |

CREEKWOOD AVENUE AND CREEKWOOD LOOP N.W.

WATER LINE THROUGH CREEKWOOD LOOP ISLAND

CREEKWOOD AVENUE

CREEKWOOD LOOP N.W.

## AS BUILT INFORMATION

CONTRACTOR: Sundance Mech
WORK STAKED BY: CSC — DATE 9/96
INSPECTOR'S ACCEPTANCE BY: CSC — DATE 12/97
VERIFICATION BY: CSC — DATE 8/97
DRAWINGS CORRECTED BY: CSC — DATE 12/97
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. & 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

| NO. | DATE | REMARKS | BY |
|---|---|---|---|
| | | REVISIONS | |

DESIGNED BY BOM DATE MARCH, 1995
DRAWN BY A.M. DATE MARCH, 1995
CHECKED BY DATE

26-4886.74 2997

RECORD DRAWING
12-3-97

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

JOB NO.: 14326-041

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

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: PARKWEST-UNIT 5
UTILITY PLAN & PROFILE
CREEKWOOD AVE. & CREEKWOOD LOOP N.W.

| APPROVALS | ENGINEER | DATE | APPROVALS | ENGINEER | DATE |
|---|---|---|---|---|---|
| DRC CHAIRMAN | | | WATER | R.W. Kane | 6-5-95 |
| TRANSPORTATION | N/A RHD | 6-02-95 | WASTE WATER | R.W. Kane | 6-5-95 |
| HYDROLOGY | N/A PPC | 9-19-95 | A.M.A.F.C.A. | | |

PROJECT NO. 4886.94 — MAP NO. G,H-9 — SHEET 29 OF 3

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

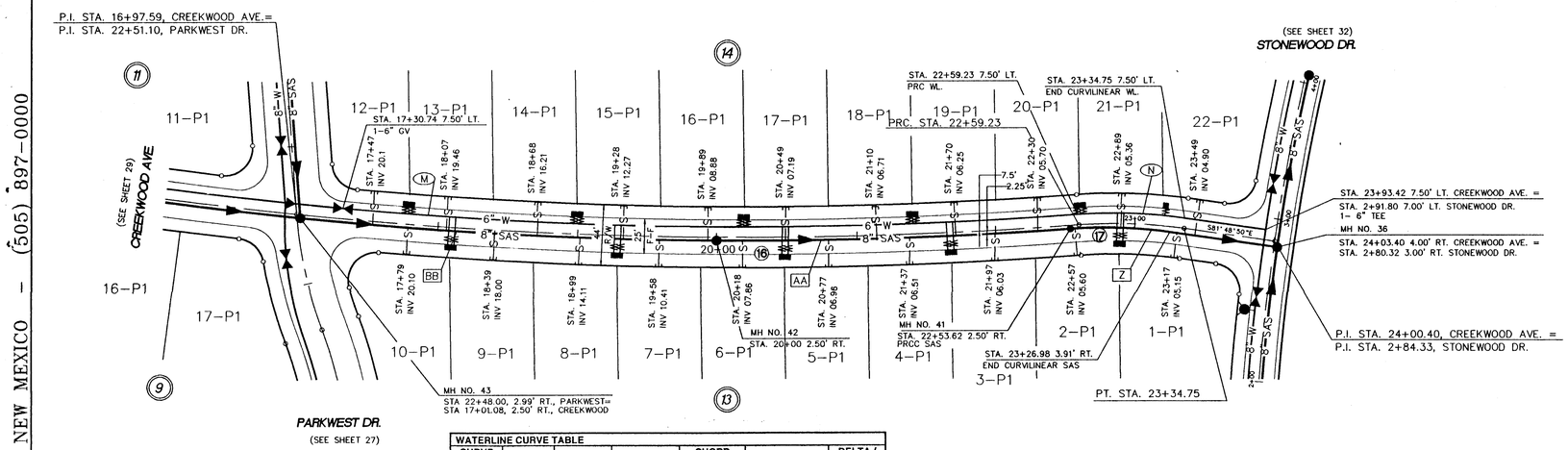
14326C29.DWG

SCANNED BY BY LASON

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

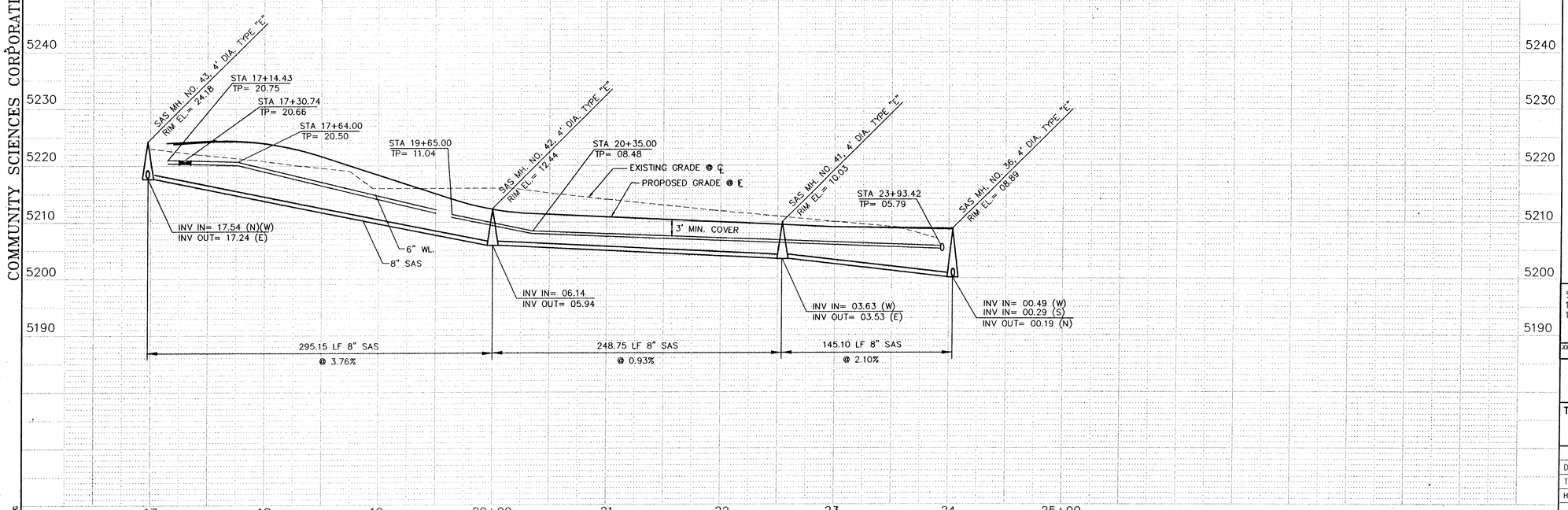
⑯ ℄ CURVE DATA
R = 3200.00'
L = 561.64'
Δ = 010°03'22"
CH = 560.92'
CH-BEARING = S89°08'53"E

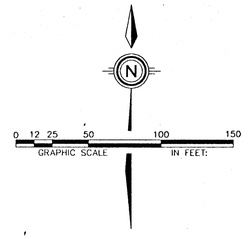
⑰ ℄ CURVE DATA
R = 350.00'
L = 75.52'
Δ = 012°21'43"
CH = 75.37'
CH-BEARING = S87°59'42"E




| WATERLINE CURVE TABLE | | | | | | |
|---|---|---|---|---|---|---|
| CURVE ID | RADIUS | ARC | DELTA | CHORD DISTANCE | CHORD BRG | DELTA / 20' JOINT |
| M | 3192.50 | 568.76 | 10° 12' 27" | 568.01 | N 89° 04' 20" W | 00° 21' |
| N | 357.50 | 77.13 | 12° 21' 07" | 76.98 | S 87° 59' 42" E | 03° 12' |

| SANITARY SEWER CURVE TABLE | | | | | | |
|---|---|---|---|---|---|---|
| CURVE ID | RADIUS | ARC | DELTA | CHORD DISTANCE | CHORD BRG | DELTA / 20' JOINT |
| Z | 340.00 | 72.76 | 12° 15' 41" | 72.62 | S 87° 56' 41" E | 03° 22' |
| AA | 3202.50 | 253.81 | 04° 32' 27" | 253.75 | S 88° 11' 42" W | 00° 21' |
| BB | 3202.50 | 299.15 | 05° 21' 07" | 299.04 | N 86° 51' 30" W | 00° 21' |




## 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. (A)

**RESTRAINING LENGTHS**

| FITTING | LR (FT) |
|---|---|
| 6"-11¼° Bend | 2 |
| 6"-22½° Bend | 3 |
| 6"-45° Bend | 7 |
| 8"-11¼° Bend | 2 |
| 8"-22½° Bend | 4 |
| 6" GV | 46 |
| 8" GV | 60 |
| 8X6 Reducers | 25 L/33 S |
| 8X8 Tee | 9 Run/20 Branch |
| 8X6 Tee | 5 Run/17 Branch |
| 6" Cross | 9 |
| 8X8X4 Tee | 5/17 |
| 6X6X6 Tee | 6/20 |
| 6" Dead Ends | 46 |
| 8" Dead Ends | 60 |
| 12x8 Reducers | 45 Run/68 Branch |

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.

RECORD DRAWING
12-3-97

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

JOB NO.: 14326-041

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

AS BUILT INFORMATION
CONTRACTOR Sundance Mech DATE 96
WORK STAKE BY CSC DATE 12/97
ACCEPTANCE BY CSC DATE 12/97
FIELD VERIFICATION BY CSC DATE 12/97
DRAWINGS CORRECTED BY CSC DATE 12/97
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. & DURAY RD. NW, GO WEST ON DURAY 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

| NO. | DATE | REMARKS | BY |
|---|---|---|---|
| | | REVISIONS | |
| | | DESIGN | |

DESIGNED BY BOM DATE MARCH, 1995
DRAWN BY A.M. DATE MARCH, 1995
CHECKED BY J.D.H. DATE MARCH, 1995

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: PARKWEST-UNIT 5
UTILITY PLAN & PROFILE
CREEKWOOD AVENUE N.W.

| APPROVALS | ENGINEER | DATE | APPROVALS | ENGINEER | DATE |
|---|---|---|---|---|---|
| DRC CHAIRMAN | | | WATER | R.W. Kane | 6-5-95 |
| TRANSPORTATION | N/A | 6-02-95 | WASTE WATER | R.W. Kane | 6-5-95 |
| HYDROLOGY | NA | 9-19-95 | A.M.A.F.C.A. | | |

PROJECT NO. 4886.94 MAP NO. G,H-9 SHEET 30 OF 39

14326SCD.DWG

SCANNED BY LASON

96-488661 97 13007

18 22-31

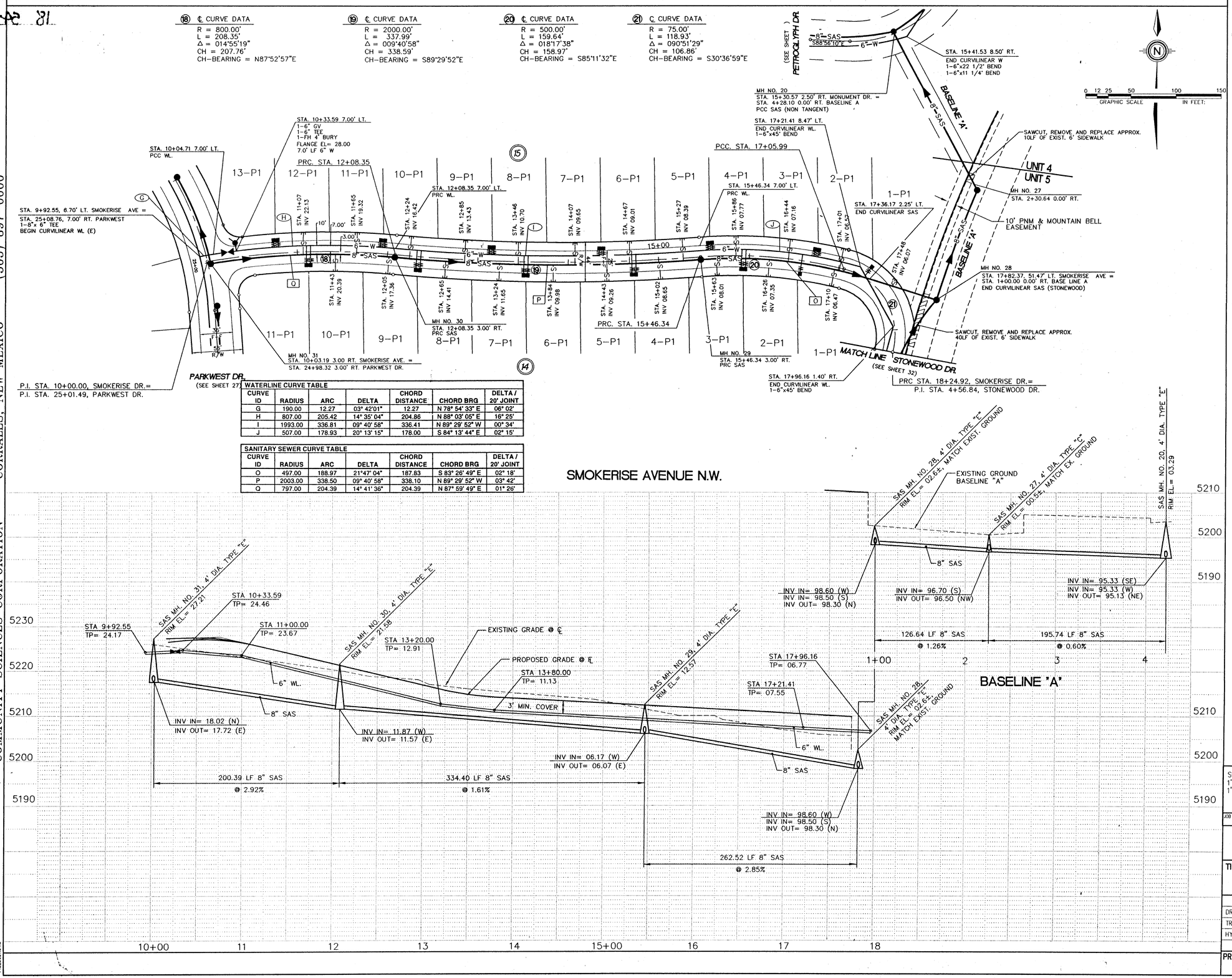
COMMUNITY SCIENCES CORPORATION – "CORRALES, NEW MEXICO – (505) 897-0000"

⑱ ℄ CURVE DATA
R = 800.00'
L = 208.35'
Δ = 014°55'19"
CH = 207.76'
CH-BEARING = N87°52'57"E

⑲ ℄ CURVE DATA
R = 2000.00'
L = 337.99'
Δ = 009°40'58"
CH = 338.59'
CH-BEARING = S89°29'52"E

⑳ ℄ CURVE DATA
R = 500.00'
L = 159.64'
Δ = 018°17'38"
CH = 158.97'
CH-BEARING = S85°11'32"E

㉑ ℄ CURVE DATA
R = 75.00'
L = 118.93'
Δ = 090°51'29"
CH = 106.86'
CH-BEARING = S30°36'59"E




| WATERLINE CURVE TABLE | | | | | | |
|---|---|---|---|---|---|---|
| CURVE ID | RADIUS | ARC | DELTA | CHORD DISTANCE | CHORD BRG | DELTA / 20' JOINT |
| G | 190.00 | 12.27 | 03° 42'01" | 12.27 | N 78° 54' 33" E | 06° 02' |
| H | 807.00 | 205.42 | 14° 35' 04" | 204.86 | N 88° 03' 05" E | 16° 25' |
| I | 1993.00 | 336.81 | 09° 40' 58" | 336.41 | N 89° 29' 52" W | 00° 34' |
| J | 507.00 | 178.93 | 20° 13' 15" | 178.00 | S 84° 13' 44" E | 02° 15' |

| SANITARY SEWER CURVE TABLE | | | | | | |
|---|---|---|---|---|---|---|
| CURVE ID | RADIUS | ARC | DELTA | CHORD DISTANCE | CHORD BRG | DELTA / 20' JOINT |
| O | 497.00 | 188.97 | 21°47' 04" | 187.83 | S 83° 26' 49" E | 02° 18' |
| P | 2003.00 | 338.50 | 09° 40' 58" | 338.10 | N 89° 29' 52" W | 03° 42' |
| Q | 797.00 | 204.39 | 14° 41' 36" | 204.39 | N 87° 59' 49" E | 01° 26' |

GRAPHIC SCALE 0 12 25 50 100 150 IN FEET

## 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. | A | |
| SANITARY SEWER CURVILINEAR ID. | B | |
| STORM DRAINAGE CURVILINEAR ID. | A | |

## RESTRAINING LENGTHS

| FITTING | LR (FT) |
|---|---|
| 6"-11¼° Bend | 2 |
| 6"-22½° Bend | 3 |
| 6"-45° Bend | 7 |
| 8"-11¼° Bend | 2 |
| 8"-22½° Bend | 4 |
| 6" GV | 46 |
| 8" GV | 60 |
| 6X6 Reducers | 25 L/33 S |
| 8X8 Tee | 9 Run/20 Branch |
| 8X6 Tee | 5 Run/17 Branch |
| 8" Cross | 9 |
| 8X8X4 Tee | 5/17 |
| 6X6X6 Tee | 6/20 |
| 6" Dead Ends | 46 |
| 8" Dead Ends | 60 |
| 12x8 Reducers | 45 Run/68 Branch |

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.

RECORD DRAWING
12-3-97

AS BUILT INFORMATION
CONTRACTOR Rudnick & Wilson — DATE 12-96
WORK STAKED BY CSC — INSPECTORS ACCEPTANCE BY CSC — DATE 12/97
FIELD VERIFICATION BY CSC — DATE 12/97
DRAWINGS CORRECTED BY CSC — DATE 12/97
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. & 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 = 5334.90 FEET

SURVEY INFORMATION
FIELD NOTES

| NO. | BY | DATE |
|---|---|---|
| 1 | COMMUNITY SCIENCES | |

ENGINEER'S SEAL

| NO. | DATE | REMARKS | BY |
|---|---|---|---|
| | | REVISIONS | |

DESIGN
DESIGNED BY B.O.M./S.R.L. DATE MARCH, 1995
DRAWN BY A.M. DATE MARCH, 1995
CHECKED BY J.D.H. DATE MARCH, 1995

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

JOB NO.: 14326-041

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 5
UTILITY PLAN & PROFILE
SMOKERISE AVENUE N.W.

| APPROVALS | ENGINEER | DATE | APPROVALS | ENGINEER | DATE |
|---|---|---|---|---|---|
| DRC CHAIRMAN | | | WATER | R.W. Kane | 6-5-96 |
| TRANSPORTATION | N/A | 6-02-95 | WASTE WATER | R.W. Kane | 6-5-95 |
| HYDROLOGY | N/A | 9-19-95 | A.M.A.F.C.A. | | |

PROJECT NO. 4886.94 — MAP NO. G,H-9 — SHEET 31 OF 39

14326031.DWG

SCANNED BY LASON

2 3 4 5 6 7 8 9 10 11 12 13 14 15
06-4886.94 31 97

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

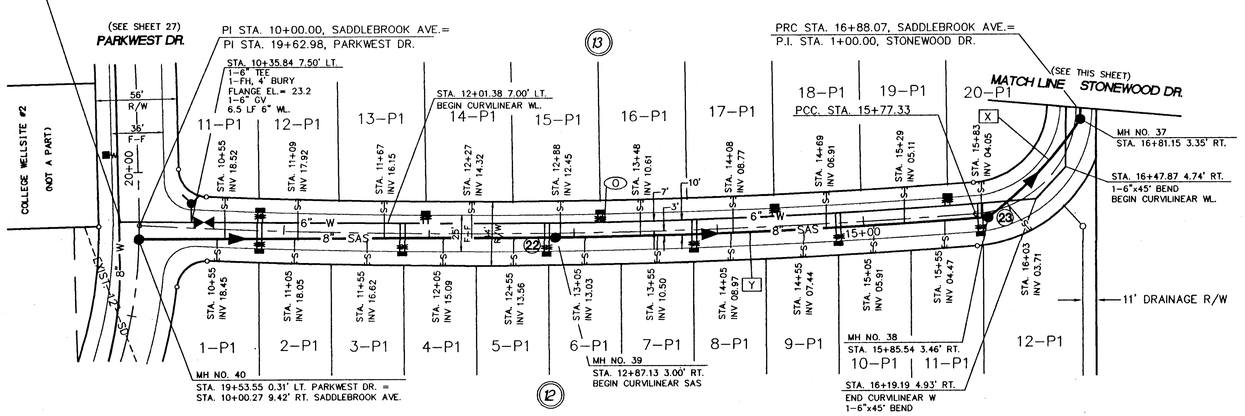
22 ℄ CURVE DATA
R = 4500.00'
L = 577.33'
Δ = 007°21'03"
CH = 576.93'
CH-BEARING = N89°23'01"E

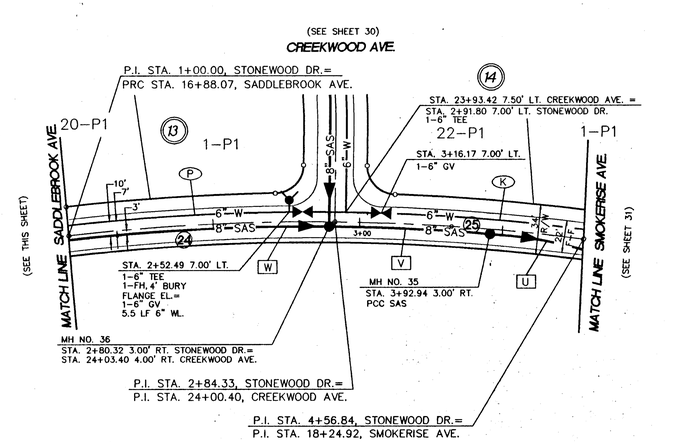
23 ℄ CURVE DATA
R = 75.00'
L = 110.75'
Δ = 084°36'11"
CH = 100.95
CH-BEARING = S43°24'24"W

24 ℄ CURVE DATA
R = 1491.55'
L = 184.33'
Δ = 007°04'51"
CH = 184.21'
CH-BEARING = S04°38'44"W

25 ℄ CURVE DATA
R = 1491.55'
L = 172.51'
Δ = 006°37'36"
CH = 172.41'
CH-BEARING = S11°29'58"W

GRAPHIC SCALE 0 12 25 50 100 150 IN FEET:



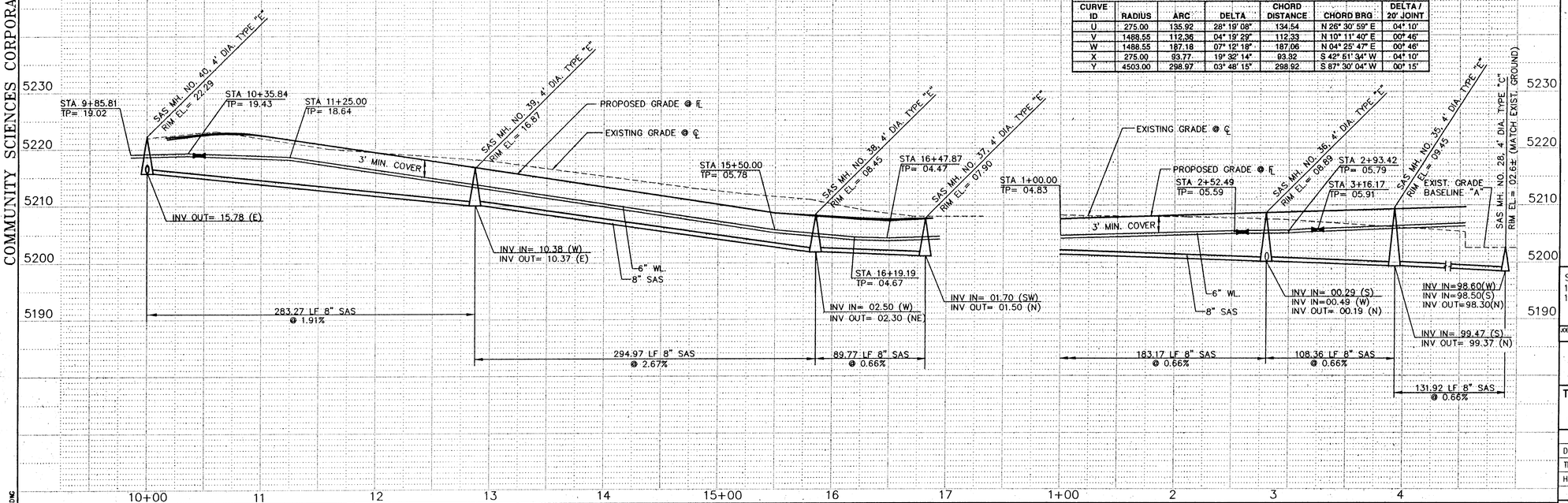




## UTILITY LEGEND

| 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 | 8" | 8" |
| 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. A

## SADDLEBROOK AVENUE N.W.




## STONEWOOD DRIVE N.W.

**WATERLINE CURVE TABLE**

| CURVE ID | RADIUS | ARC | DELTA | CHORD DISTANCE | CHORD BRG | DELTA / 20' JOINT |
|---|---|---|---|---|---|---|
| O | 4493.00 | 417.70 | 05° 19' 36" | 417.55 | S 87° 49' 54" W | 00° 15' |
| P | 1498.55 | 233.43 | 08° 55' 30" | 233.19 | N 04° 00' 37" E | 00° 46' |
| K | 1498.00 | 193.35 | 07° 23' 34" | 193.22 | N 12° 10'09" E | 00° 46' |

**SANITARY SEWER CURVE TABLE**

| CURVE ID | RADIUS | ARC | DELTA | CHORD DISTANCE | CHORD BRG | DELTA / 20' JOINT |
|---|---|---|---|---|---|---|
| U | 275.00 | 135.92 | 28° 19' 08" | 134.54 | N 26° 30' 59" E | 04° 10' |
| V | 1488.55 | 112.36 | 04° 19' 29" | 112.33 | N 10° 11' 40" E | 00° 46' |
| W | 1488.55 | 187.18 | 07° 12' 18" | 187.06 | N 04° 25' 47" E | 00° 46' |
| X | 275.00 | 93.77 | 19° 32' 14" | 93.32 | S 42° 51' 34" W | 04° 10' |
| Y | 4503.00 | 298.97 | 03° 48' 15" | 298.92 | S 87° 30' 04" W | 00° 15' |

**RESTRAINING LENGTHS**

| FITTING | LR (FT) |
|---|---|
| | |
| 6"-11¼° Bend | 2 |
| 6"-22½° Bend | 3 |
| 6"-45° Bend | 7 |
| 8"-11¼° Bend | 2 |
| 8"-22½° Bend | 4 |
| 6" GV | 46 |
| 8" GV | 60 |
| 8X6 Reducers | 25 L/33 S |
| 8X8 Tee | 9 Run/20 Branch |
| 8X6 Tee | 5 Run/17 Branch |
| 8" Cross | 9 |
| 8X8X4 Tee | 5/17 |
| 6X6X6 Tee | 5/20 |
| 6" Dead Ends | 46 |
| 8" Dead Ends | 60 |
| 12X8 Reducers | 45 Run/68 Branch |

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.

RECORD DRAWING
12-3-97

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

JOB NO.: 14326-041

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

| NO. | DATE | REMARKS | BY |
|---|---|---|---|
| | | REVISIONS | |
| | | DESIGN | |

DESIGNED BY BOM, JJD DATE MARCH, 1995
DRAWN BY " A.M. DATE MARCH, 1995
CHECKED BY " DATE MARCH, 1995

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: PARKWEST-UNIT 5
UTILITY PLAN & PROFILE
SADDLEBROOK AVE. & STONEWOOD DR. N.W.

| APPROVALS | ENGINEER | DATE | APPROVALS | ENGINEER | DATE |
|---|---|---|---|---|---|
| DRC CHAIRMAN | | | WATER | R.W. Kane | 6-5-95 |
| TRANSPORTATION | N/A | 6-02-95 | WASTE WATER | R.W. Kane | 6-5-95 |
| HYDROLOGY | N/A | 9-19-95 | A.M.A.F.C.A. | | |

PROJECT NO. 4886.94 | MAP NO. G,H-9 | SHEET 32 OF 39

AS BUILT INFORMATION
CONTRACTOR Sunmark mech
WORK STAKED BY CSC DATE 96
INSPECTOR'S ACCEPTANCE BY CSC DATE 12/27
FIELD VERIFICATION BY CSC DATE 12/27
DRAWINGS CORRECTED BY CSC DATE 12/27
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 "PIPE" CROSS RD., TURN RIGHT, GO NORTH ON THE DIRT RD. SLO 9.5 FEET

SURVEY INFORMATION
FIELD NOTES

| NO. | BY | DATE |
|---|---|---|
| 1 | COMMUNITY SCIENCES | |

ENGINEER'S SEAL
James A. Hughes 5-25-95

SCANNED BY BY LASON

26-1488 6.94 3297

(26) ℄ CURVE DATA
R = 120.00'
L = 132.85'
Δ = 063°25'45"
CH = 126.17'
CH-BEARING = S38°07'43"W

(27) ℄ CURVE DATA
R = 598.00'
L = 69.51'
Δ = 006°39'36"
CH = 69.47'
CH-BEARING = S73°10'23"W

(28) ℄ CURVE DATA
R = 674.13'
L = 48.04'
Δ = 004°04'59"
CH = 48.03'
CH-BEARING = S78°32'41"W

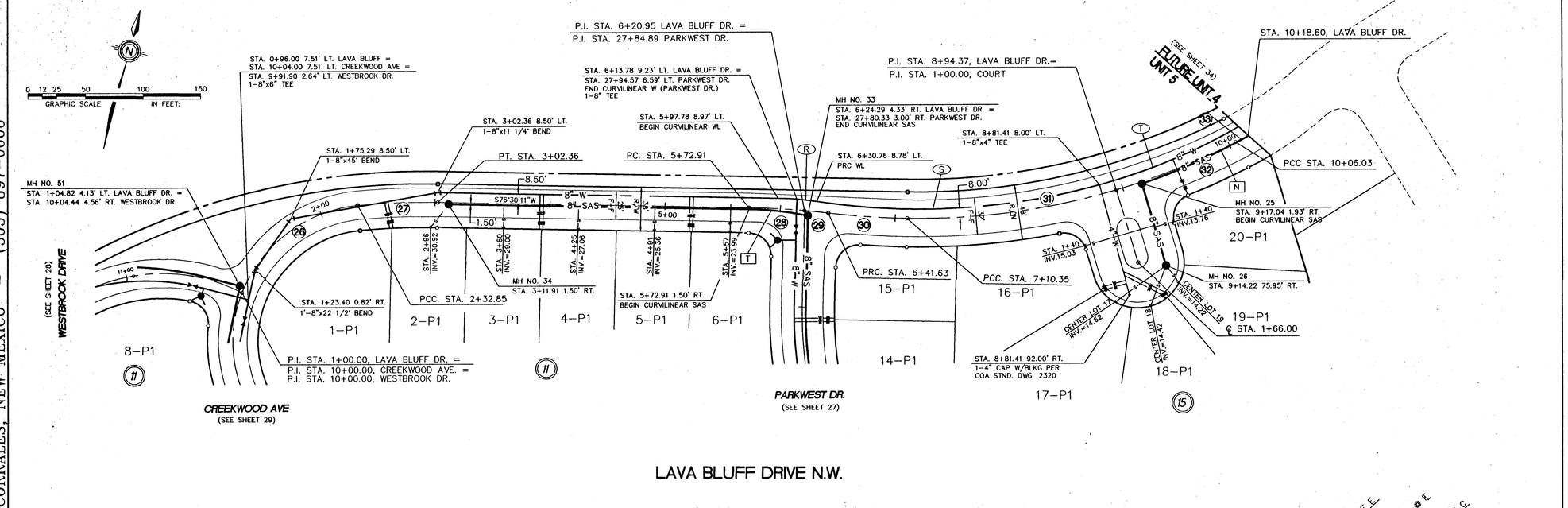
(29) ℄ CURVE DATA
R = 674.13'
L = 20.68'
Δ = 001°45'29"
CH = 20.68'
CH-BEARING = S81°27'55"W

(30) ℄ CURVE DATA
R = 674.13'
L = 68.72'
Δ = 005°50'28"
CH = 68.69'
CH-BEARING = S79°25'25"W

(31) ℄ CURVE DATA
R = 598.13'
L = 184.02'
Δ = 017°37'38"
CH = 183.29'
CH-BEARING = S67°41'22"W

(32) ℄ CURVE DATA
R = 598.13'
L = 111.66'
Δ = 010°41'45"
CH = 111.50'
CH-BEARING = S53°31'40"W

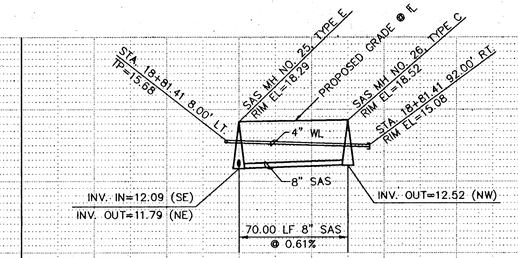
(33) ℄ CURVE DATA
R = 300.00'
L = 12.57'
Δ = 002°24'01"
CH = 12.57'
CH-BEARING = S46°58'47"W



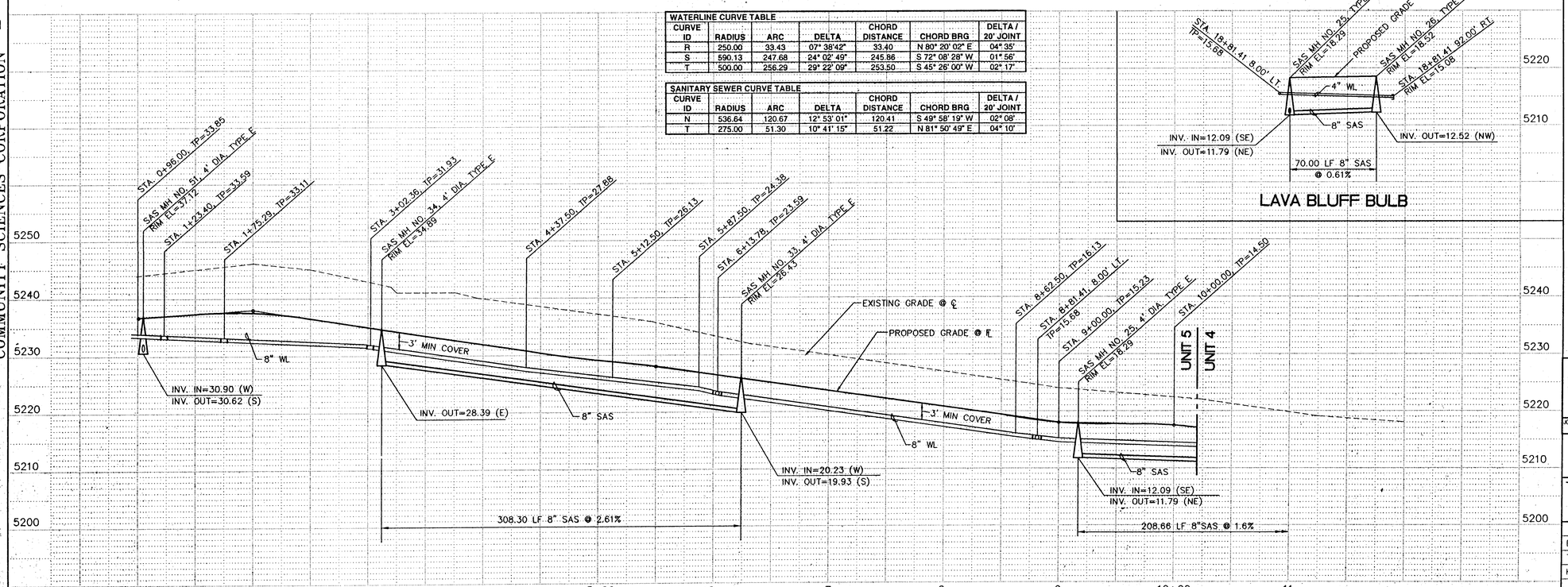

LAVA BLUFF DRIVE N.W.

| WATERLINE CURVE TABLE | | | | | | |
|---|---|---|---|---|---|---|
| CURVE ID | RADIUS | ARC | DELTA | CHORD DISTANCE | CHORD BRG | DELTA / 20' JOINT |
| R | 250.00 | 33.43 | 07° 38'42" | 33.40 | N 80° 20' 02" E | 04° 35' |
| S | 590.13 | 247.68 | 24° 02' 49" | 245.86 | S 72° 08' 28" W | 01° 56' |
| T | 500.00 | 256.29 | 29° 22' 09" | 253.50 | S 45° 26' 00" W | 02° 17' |

| SANITARY SEWER CURVE TABLE | | | | | | |
|---|---|---|---|---|---|---|
| CURVE ID | RADIUS | ARC | DELTA | CHORD DISTANCE | CHORD BRG | DELTA / 20' JOINT |
| N | 536.64 | 120.67 | 12° 53' 01" | 120.41 | S 49° 58' 19" W | 02° 08' |
| T | 275.00 | 51.30 | 10° 41' 15" | 51.22 | N 81° 50' 49" E | 04° 10' |




LAVA BLUFF BULB




## 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 | E |
| UNDERGROUND ELECTRICAL | N/A | E |
| OVERHEAD TELEPHONE | N/A | T |
| UNDERGROUND TELEPHONE | N/A | T |
| CABLE TELEVISION | N/A | CT |
| POWER OR TELEPHONE POLE | N/A | |
| WATERLINE CURVILINEAR ID. | | A |
| SANITARY SEWER CURVILINEAR ID. | | B |
| STORM DRAINAGE CURVILINEAR ID. | | A |

## RESTRAINING LENGTHS

| FITTING | LR (FT) |
|---|---|
| 6"-11¼° Bend | 2 |
| 6"-22½° Bend | 3 |
| 6"-45° Bend | 7 |
| 8"-11¼° Bend | 2 |
| 8"-22½° Bend | 4 |
| 6" GV | 46 |
| 8" GV | 60 |
| 8X6 Reducers | 25 L/33 S |
| 8X8 Tee | 9 Run/20 Branch |
| 8X6 Tee | 5 Run/17 Branch |
| 8" Cross | 9 |
| 8X8X4 Tee | 5/17 |
| 6X6X6 Tee | 6/20 |
| 6" Dead Ends | 46 |
| 8" Dead Ends | 60 |
| 12x8 Reducers | 45 Run/68 Branch |

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.

RECORD DRAWING
12-3-97

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

JOB NO.: 14326-041

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 5
UTILITY PLAN & PROFILE
LAVA BLUFF DRIVE

| APPROVALS | ENGINEER | DATE | APPROVALS | ENGINEER | DATE |
|---|---|---|---|---|---|
| DRC CHAIRMAN | | | WATER | R.W. Kane | 6-5-95 |
| TRANSPORTATION | N/A RHD | 6-02-95 | WASTE WATER | R.W. Kane | 6-5-95 |
| HYDROLOGY | N/A JPC | 9-19-95 | A.M.A.F.C.A. | | |

PROJECT NO. 4886.94 · MAP NO. G,H9 · SHEET 33 OF 39

AS BUILT INFORMATION
CONTRACTOR: Lowance Inc.
WORK STAKED BY: CSC DATE 9/96
FIELD VERIFICATION BY: CSC DATE 12/97
DRAWINGS CORRECTED BY: CSC DATE 2/97
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.
S.L.D. 1929 ELEVATION = 5334.50 FEET

SURVEY INFORMATION
FIELD NOTES

| NO. | BY | DATE |
|---|---|---|
| 1 | COMMUNITY SCIENCES | |

ENGINEER'S SEAL
6-25-95

| NO. | DATE | REMARKS | BY |
|---|---|---|---|
| | | REVISIONS | |
| | | DESIGN | |

DESIGNED BY: BDM · DATE: NOV. 1994
DRAWN BY: AM, WLV · DATE: NOV. 1994
CHECKED BY · DATE

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

SCANNED BY LASON
96-48866.74 33 OF 39

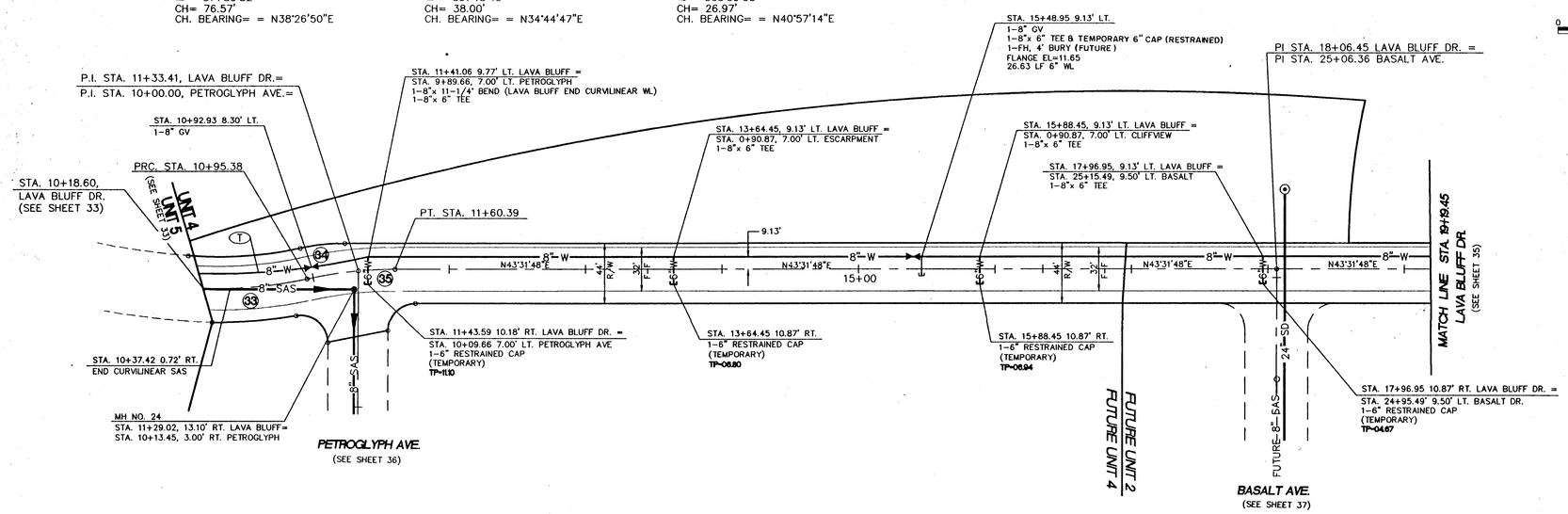
COMMUNITY SCIENCES CORPORATION – CORRALES, NEW MEXICO – (505) 897-0000

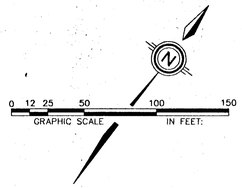
18 24-34

33 ℄ CURVE DATA
R = 300.00'
L = 76.78'
Δ = 014°39'52"
CH= 76.57'
CH. BEARING= = N38°26'50"E

34 ℄ CURVE DATA
R = 300.00'
L = 38.03'
Δ = 007°15'46"
CH= 38.00'
CH. BEARING= = N34°44'47"E

35 ℄ CURVE DATA
R = 300.00'
L = 26.98'
Δ = 005°09'08"
CH= 26.97'
CH. BEARING= = N40°57'14"E



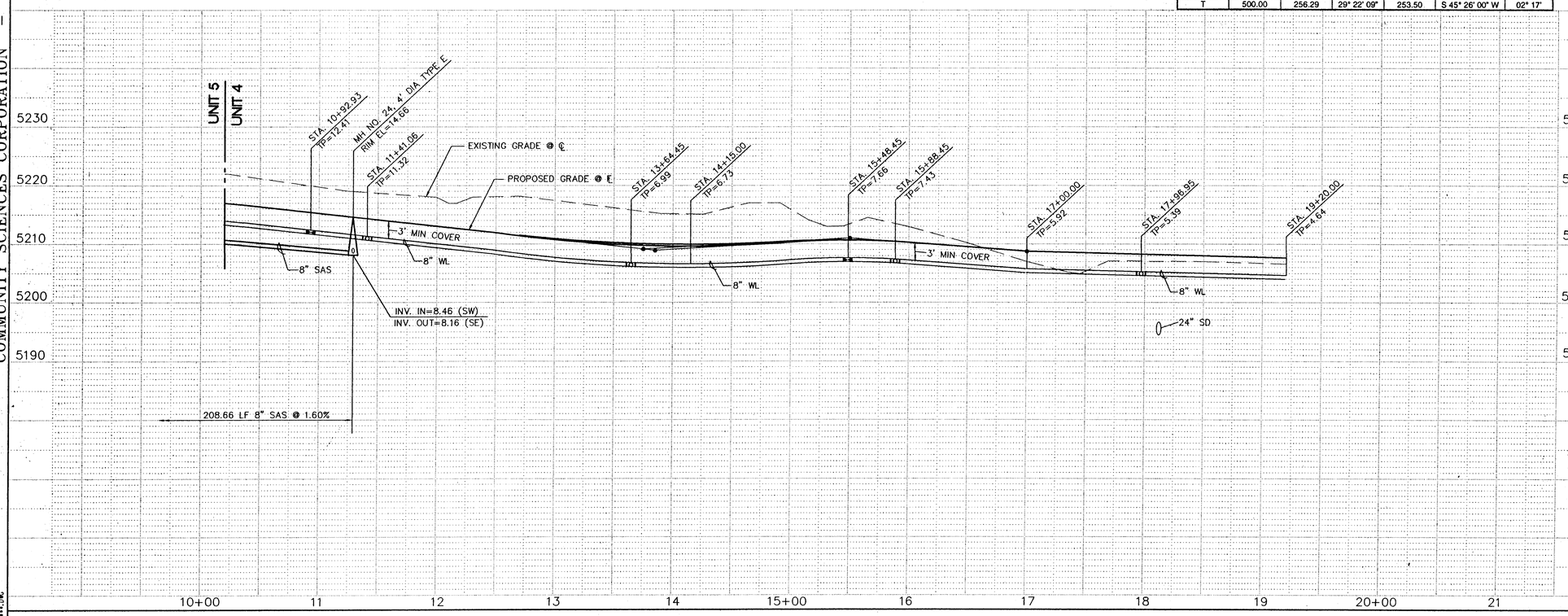

## UTILITY LEGEND

| 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 | T | |

## LAVA BLUFF DRIVE N.W.

WATERLINE CURVE TABLE

| CURVE | R | L | DELTA | CHORD DISTANCE | CHORD BRG | DELTA 20'JOINT |
|---|---|---|---|---|---|---|
| T | 500.00 | 256.29 | 29° 22' 09" | 253.50 | S 45° 26' 00" W | 02° 17' |




## RESTRAINING LENGTHS

| FITTING | LR (FT) |
|---|---|
| 6"-11¼° Bend | 2 |
| 6"-22½° Bend | 3 |
| 6"-45° Bend | 7 |
| 8"-11¼° Bend | 2 |
| 8"-22½° Bend | 4 |
| 6" GV | 46 |
| 8" GV | 60 |
| 8X6 Reducers | 25 L/33 S |
| 8X8 Tee | 9 Run/20 Branch |
| 8X6 Tee | 5 Run/17 Branch |
| 8" Cross | 9 |
| 8X8X4 Tee | 5/17 |
| 6X6X6 Tee | 6/20 |
| 6" Dead Ends | 46 |
| 8" Dead Ends | 60 |
| 12x8 Reducers | 45 Run/68 Branch |

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.

RECORD DRAWING
12-3-97

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

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

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: PARKWEST - UNIT 5
OFFSITE UTILITY PLAN & PROFILE
LAVA BLUFF DRIVE N.W.

| APPROVALS | ENGINEER | DATE | APPROVALS | ENGINEER | DATE |
|---|---|---|---|---|---|
| DRC CHAIRMAN | | | WATER | R.W. Kane | 6-5-95 |
| TRANSPORTATION | N/A RWO | 6-02-95 | WASTE WATER | R.W. Kane | 6-5-95 |
| HYDROLOGY | N/A JPC | 9-19-95 | A.M.A.F.C.A. | | |

PROJECT NO. 4886.94 | MAP NO. G, H9 | SHEET 34 OF 39

AS BUILT INFORMATION
CONTRACTOR Sundance Mech DATE 9/
WORK CHANGES BY CSC DATE 12/97
INSPECTOR'S ACCEPTANCE BY CSC DATE 12/97
CERTIFICATION BY CSC DATE 12/97
DRAWINGS CORRECTED BY CSC DATE 12/97
MICRO-FILM INFORMATION
RECORDED BY 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. & 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
JAMES D. HIGGINBOTHAM 11674 NEW MEXICO REGISTERED PROFESSIONAL ENGINEER
5-26-95

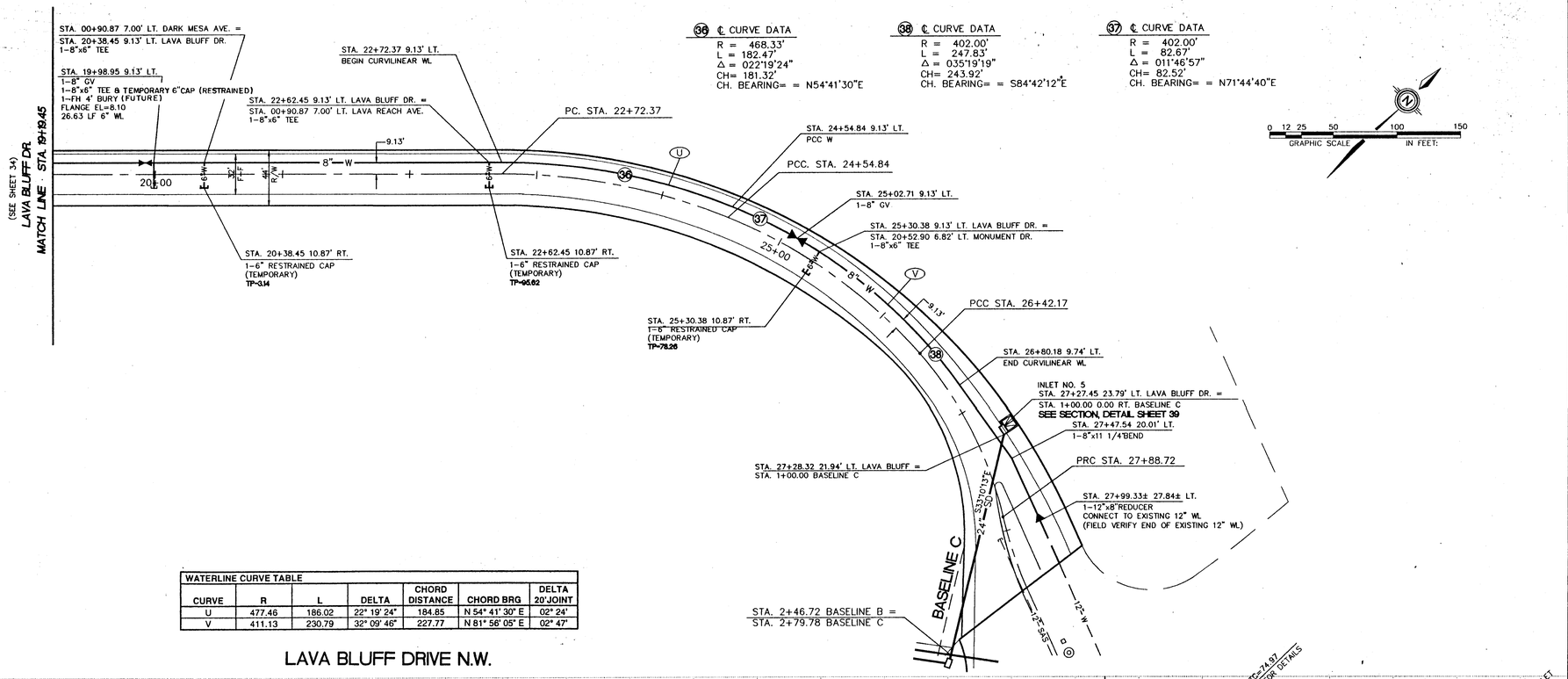
| NO. | DATE | REMARKS | BY |
|---|---|---|---|
| | | REVISIONS | |
| | | DESIGN | |

DESIGNED BY BOM DATE MARCH 1995
DRAWN BY AM, WLV DATE MARCH 1995
CHECKED BY JDH DATE

14326/
14326CS4.DWG
XREF: ***.DWG

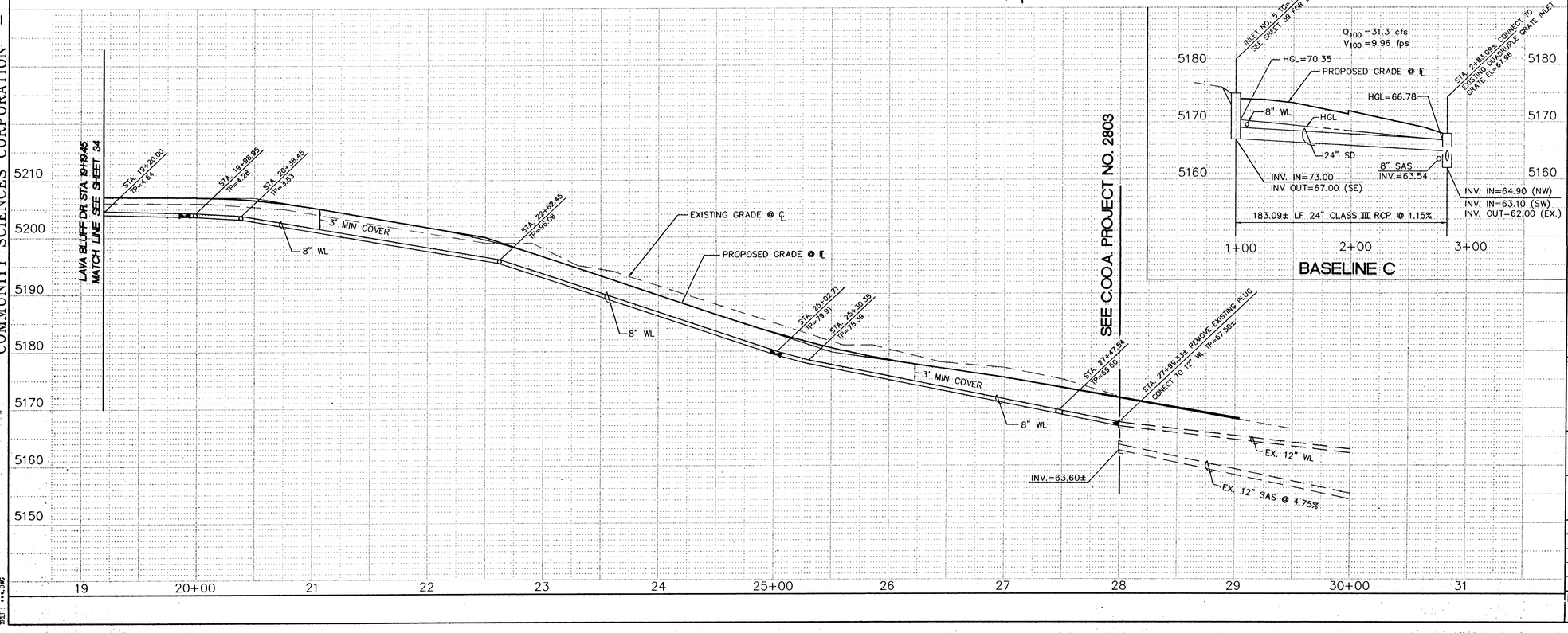
SCANNED BY LASON
2 3 4 5 6 7 8 9 10 11 12 13 14 15
26L 4886.94 3497

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




| WATERLINE CURVE TABLE | | | | | | |
|---|---|---|---|---|---|---|
| CURVE | R | L | DELTA | CHORD DISTANCE | CHORD BRG | DELTA 20'JOINT |
| U | 477.46 | 186.02 | 22° 19' 24" | 184.85 | N 54° 41' 30" E | 02° 24' |
| V | 411.13 | 230.79 | 32° 09' 46" | 227.77 | N 81° 56' 05" E | 02° 47' |

LAVA BLUFF DRIVE 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 | 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 | V | |

### RESTRAINING LENGTHS

| FITTING | LR (FT) |
|---|---|
| 6"-11¼° Bend | 2 |
| 6"-22½° Bend | 3 |
| 6"-45° Bend | 7 |
| 8"-11¼° Bend | 2 |
| 8"-22½° Bend | 4 |
| 6" GV | 46 |
| 8" GV | 60 |
| 8X6 Reducers | 25 L/33 S |
| 8X8 Tee | 9 Run/20 Branch |
| 8X6 Tee | 5 Run/17 Branch |
| 8" Cross | 9 |
| 8X6X4 Tee | 5/17 |
| 6X6X6 Tee | 6/20 |
| 6" Dead Ends | 46 |
| 8" Dead Ends | 60 |
| 12x8 Reducers | 45 Run/68 Branch |

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.

RECORD DRAWING
12-3-97

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 5
OFFSITE UTILITY PLAN & PROFILE
LAVA BLUFF DRIVE N.W.

| APPROVALS | ENGINEER | DATE | APPROVALS | ENGINEER | DATE |
|---|---|---|---|---|---|
| DRC CHAIRMAN | | | WATER | R.W. Kane | 6-5-95 |
| TRANSPORTATION | N/A CHP | 6-22-95 | WASTE WATER | R.W. Kane | 6-5-95 |
| HYDROLOGY | Plustin | 9-19-95 | A.M.A.F.C.A. | | |

PROJECT NO. 4886.94 | MAP NO. G, H9 | SHEET 35 OF 79

AS BUILT INFORMATION
CONTRACTOR Sundance Mech
WORK STAKED BY CSC DATE 96
INSPECTOR'S ACCEPTANCE BY CSC DATE 12/97
VERIFICATION BY CSC DATE 12/97
DRAWINGS CORRECTED BY CSC DATE 12/97
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.
S.D 1929 ELEVATION = 5334.50 FEET

SURVEY INFORMATION
FIELD NOTES

| NO. | BY | DATE |
|---|---|---|
| 1 | COMMUNITY SCIENCES | |

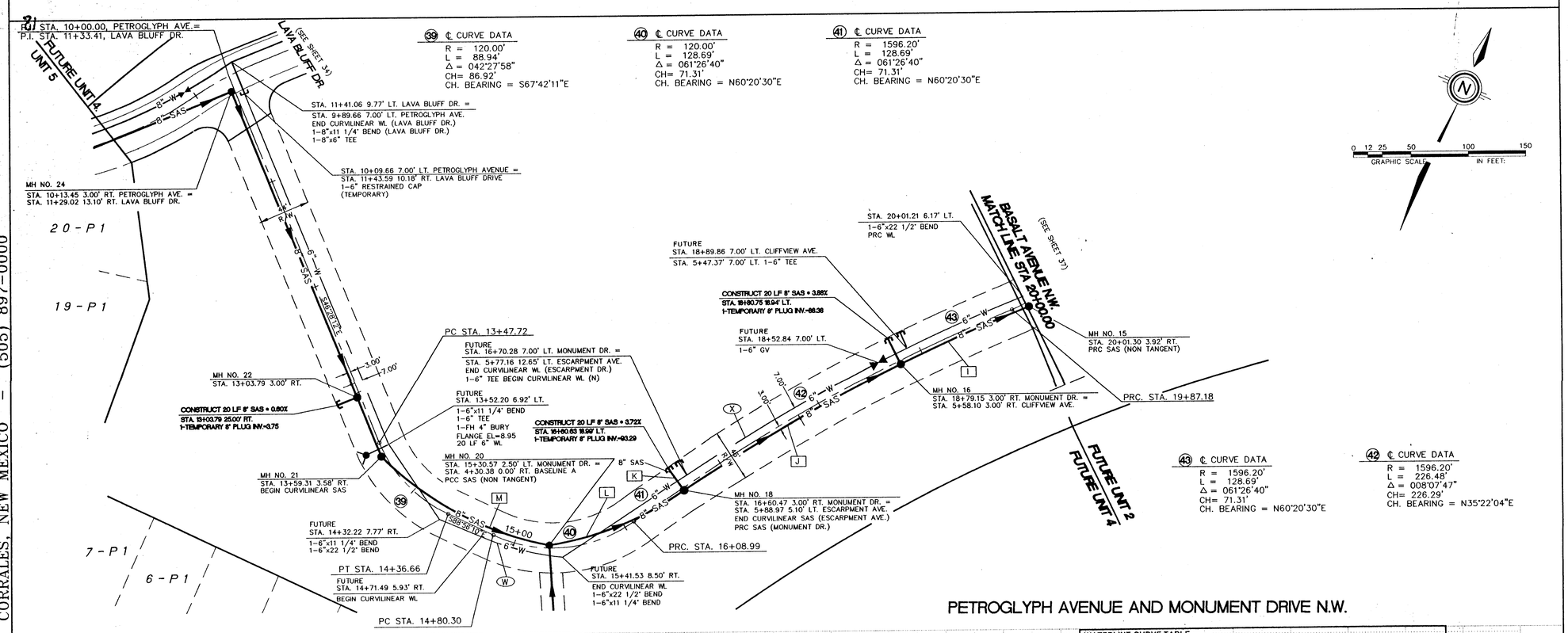
ENGINEER'S SEAL

| NO. | DATE | REMARKS | BY |
|---|---|---|---|
| | | | |

REVISIONS
DESIGN

| | | DATE |
|---|---|---|
| DESIGNED BY | BDM | MARCH 1995 |
| DRAWN BY | AN, W.V | MARCH 1995 |
| CHECKED BY | JDH | |

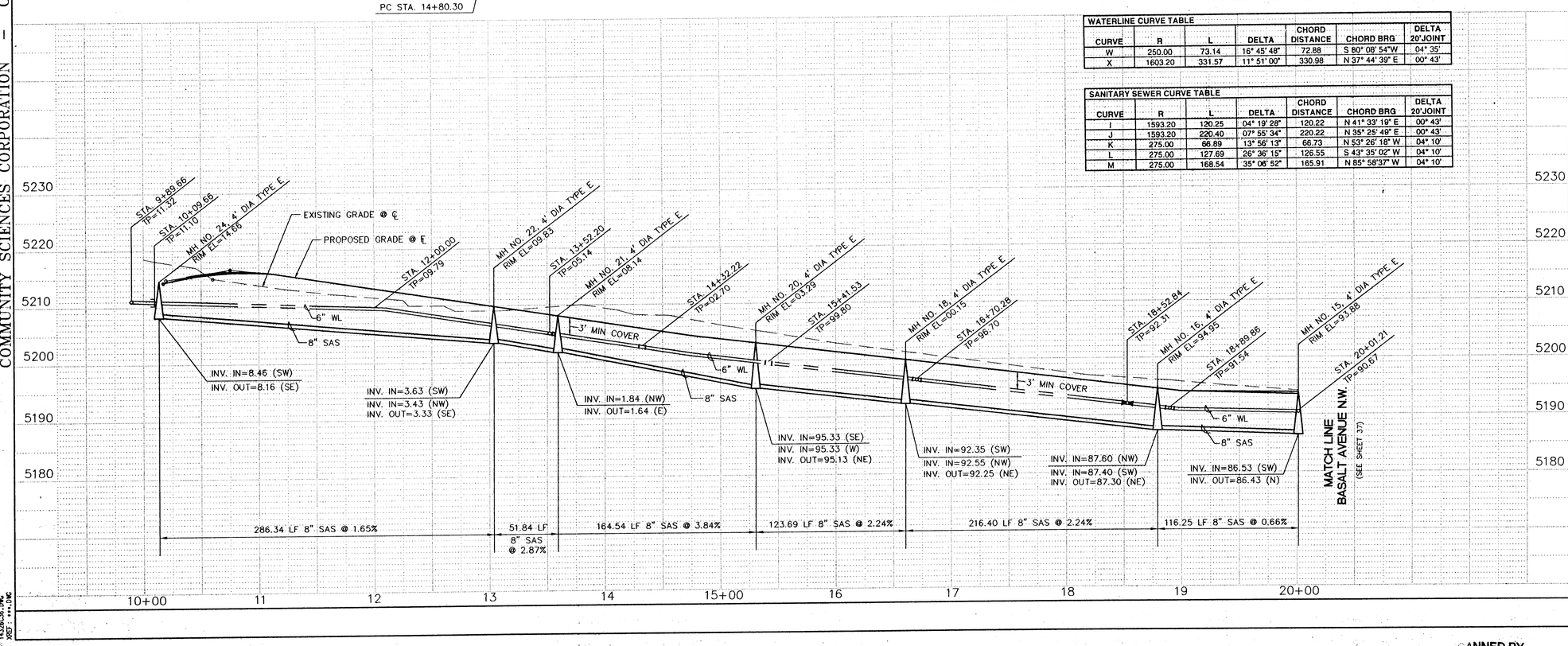
SCANNED BY LASON
26-4886.94 35 97




## PETROGLYPH AVENUE AND MONUMENT DRIVE N.W.

| WATERLINE CURVE TABLE | | | | | | |
|---|---|---|---|---|---|---|
| CURVE | R | L | DELTA | CHORD DISTANCE | CHORD BRG | DELTA 20'JOINT |
| W | 250.00 | 73.14 | 16° 45' 48" | 72.88 | S 80° 08' 54"W | 04° 35' |
| X | 1603.20 | 331.57 | 11° 51' 00" | 330.98 | N 37° 44' 39" E | 00° 43' |

| SANITARY SEWER CURVE TABLE | | | | | | |
|---|---|---|---|---|---|---|
| CURVE | R | L | DELTA | CHORD DISTANCE | CHORD BRG | DELTA 20'JOINT |
| I | 1593.20 | 120.25 | 04° 19' 28" | 120.22 | N 41° 33' 19" E | 00° 43' |
| J | 1593.20 | 220.40 | 07° 55' 34" | 220.22 | N 35° 25' 49" E | 00° 43' |
| K | 275.00 | 66.89 | 13° 56' 13" | 66.73 | N 53° 26' 18" W | 04° 10' |
| L | 275.00 | 127.69 | 26° 36' 15" | 126.55 | S 43° 35' 02" W | 04° 10' |
| M | 275.00 | 168.54 | 35° 06' 52" | 165.91 | N 85° 58'37" W | 04° 10' |




## 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" HP |
| OVERHEAD ELECTRICAL LINE | N/A | |
| UNDERGROUND ELECTRICAL | N/A | |
| OVERHEAD TELEPHONE | N/A | |
| UNDERGROUND TELEPHONE | N/A | |
| CABLE TELEVISION | N/A | |
| FUTURE 6" WL. | | |
| POWER OR TELEPHONE POLE | N/A | |
| WATERLINE CURVILINEAR ID | W | |
| SANITARY SEWER CURVILINEAR ID | K | |

**RESTRAINING LENGTHS**

| FITTING | LR (FT) |
|---|---|
| 6"-11¼° Bend | 2 |
| 6"-22½° Bend | 3 |
| 6"-45° Bend | 7 |
| 8"-11¼° Bend | 2 |
| 8"-22½° Bend | 4 |
| 6" GV | 46 |
| 8" GV | 60 |
| 8X6 Reducers | 25 L/33 S |
| 8X8 Tee | 9 Run/20 Branch |
| 8X6 Tee | 5 Run/17 Branch |
| 8" Cross | 9 |
| 8X8X4 Tee | 5/17 |
| 6X6X6 Tee | 6/20 |
| 6" Dead Ends | 46 |
| 8" Dead Ends | 60 |
| 12x8 Reducers | 45 Run/68 Branch |

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.

RECORD DRAWING
12-3-97

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

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

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: PARKWEST - UNIT 5
OFFSITE UTILITY PLAN & PROFILE
PETROGLYPH AVENUE & MONUMENT DRIVE N.W.

| APPROVALS | ENGINEER | DATE | APPROVALS | ENGINEER | DATE |
|---|---|---|---|---|---|
| DRC CHAIRMAN | | | WATER | R.W. Kane | 6-5-95 |
| TRANSPORTATION | N/A RHO | 6-02-95 | WASTE WATER | R.W. Kane | 6-5-95 |
| HYDROLOGY | N/A JPC | 9-19-95 | A.M.A.F.C.A. | | |

PROJECT NO. 4886.94 | MAP NO. G, H9 | SHEET 36 OF 39

AS BUILT INFORMATION
CONTRACTOR Sundance Mech DATE 96
WORK STAKE BY CSC DATE 12/97
INSPECTOR'S ACCEPTANCE BY CSC DATE 12/97
FIELD VERIFICATION BY CSC DATE 12/97
DRAWINGS CORRECTED BY CSC DATE 12/97
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
FIELD NOTES

| NO. | BY | DATE |
|---|---|---|
| 1 | COMMUNITY SCIENCES | |

ENGINEER'S SEAL
RAMON D. HUGHES 11624 NEW MEXICO PROFESSIONAL ENGINEER
6-5-95

| NO. | DATE | REMARKS | BY |
|---|---|---|---|
| | | REVISIONS | |
| | | DESIGN | |

DESIGNED BY BOM DATE MARCH 1995
DRAWN BY AM, WLV DATE MARCH 1995
CHECKED BY JDH DATE

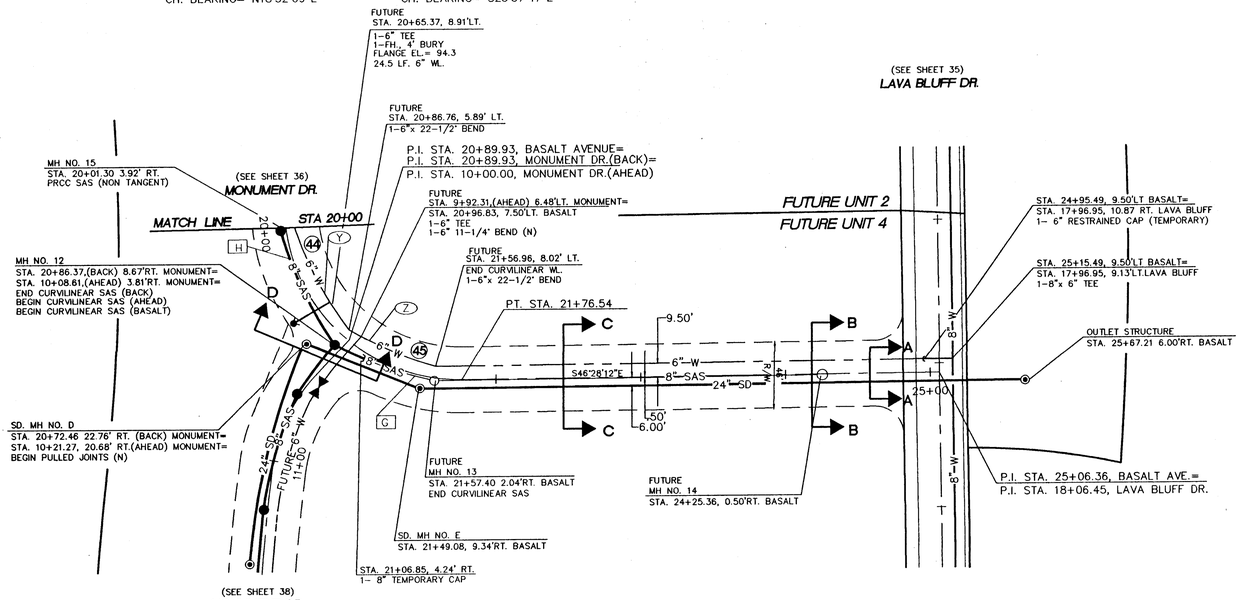
COMMUNITY SCIENCES CORPORATION - CORRALES, NEW MEXICO - (505) 897-0000

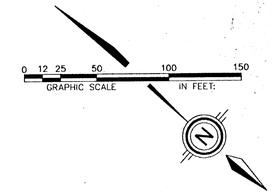
SCANNED BY LASON
26-4886.94 3697

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



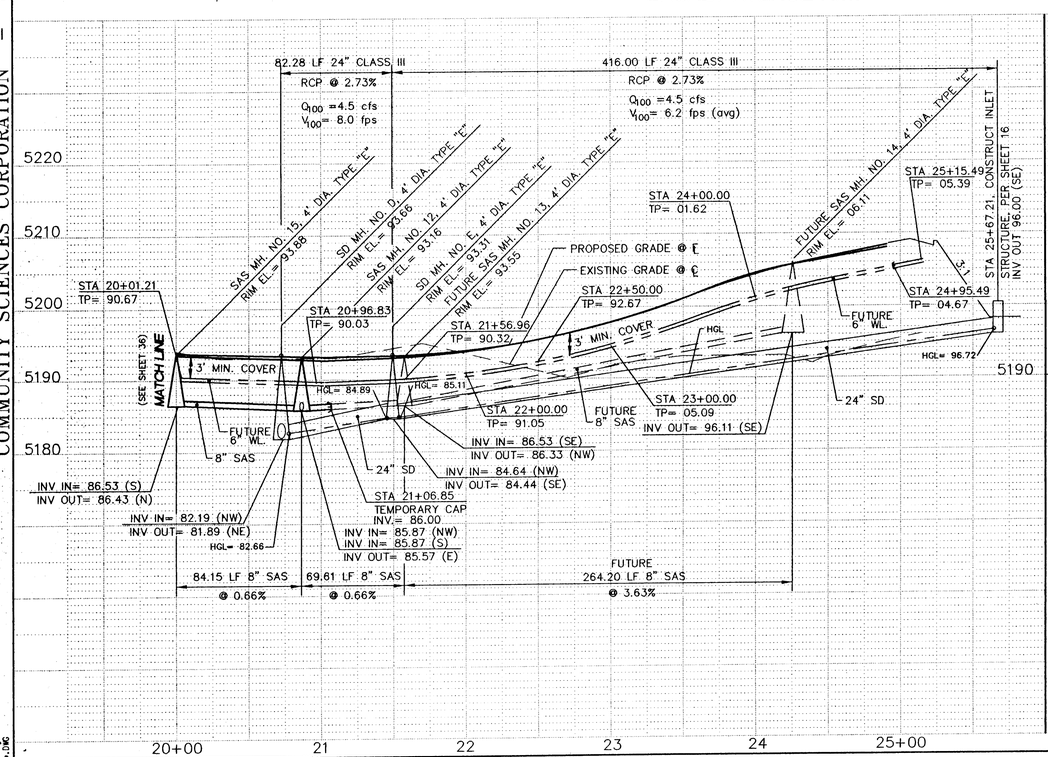

## UTILITY LEGEND

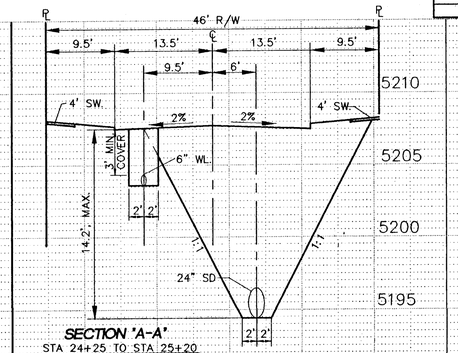
| DESCRIPTION | PROPOSED | EXISTING |
|---|---|---|
| SANITARY SEWER LINE | —8" SAS— | —8" SAS— |
| ENCASEMENT | | |
| SANITARY SEWER MANHOLE | | |
| SAS SERVICE CONNECTION | ⊢S— | ⊢S— |
| STORM DRAIN LINE | —SD—30"— | —SD—30"— |
| STORM DRAIN MANHOLE | | |
| STORM DRAIN INLETS | | |
| WATER LINE | —W—6"— | —W—6"— |
| GATE VALVE | | |
| BUTTERFLY VALVE | | |
| FIRE HYDRANTS | | |
| REDUCERS | | |
| WATER SERVICE/ METER | | |
| TEES | | |
| CROSSES | | |
| BENDS | | |
| CAPS & PLUGS | | |
| FUTURE FIRE HYDRANT | | |
| FUTURE WATER | | |
| FUTURE MANHOLE | | |
| 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. | | (A) |

| WATERLINE CURVE TABLE | | | | | | |
|---|---|---|---|---|---|---|
| CURVE | R | L | DELTA | CHORD DISTANCE | CHORD BRG | DELTA 20'JOINT |
| Y | 250.00 | 79.95 | 18° 19' 20" | 79.61 | S 16° 29' 36" W | 04° 35' |
| Z | 250.00 | 65.46 | 15° 00' 07" | 65.27 | S 22° 22' 28"E | 04° 35' |

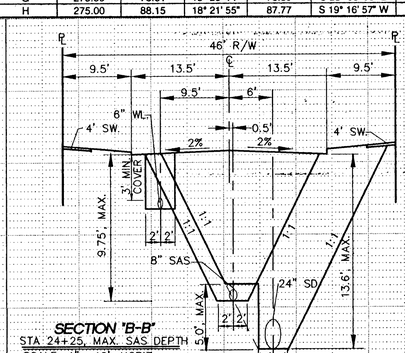
| SANITARY SEWER CURVE TABLE | | | | | | |
|---|---|---|---|---|---|---|
| CURVE | R | L | DELTA | CHORD DISTANCE | CHORD BRG | DELTA 20'JOINT |
| G | 275.00 | 73.61 | 15° 20' 14" | 73.39 | S 25° 33' 00" E | 04° 10' |
| H | 275.00 | 88.15 | 18° 21' 55" | 87.77 | S 19° 16' 57" W | 04° 10' |

## BASALT AVENUE N.W.

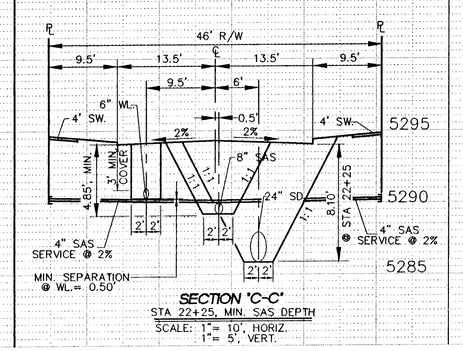


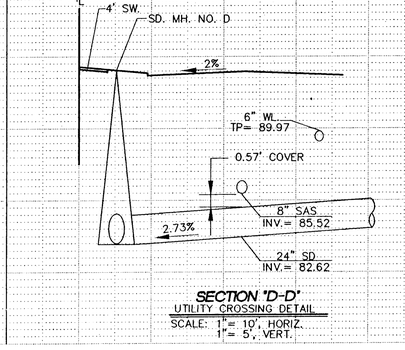

SECTION 'A-A'
STA 24+25 TO STA 25+20
SCALE: 1"= 10', HORIZ.
1"= 5', VERT.




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.




SECTION 'D-D'
UTILITY CROSSING DETAIL
SCALE: 1"= 10', HORIZ.
1"= 5', VERT.

## RESTRAINING LENGTHS

| FITTING | LR (FT) |
|---|---|
| 6"-11¼° Bend | 2 |
| 6"-22½° Bend | 3 |
| 6"-45° Bend | 7 |
| 8"-11¼° Bend | 2 |
| 8"-22½° Bend | 4 |
| 6" GV | 46 |
| 8" GV | 60 |
| 8X6 Reducers | 25 L/33 S |
| 8X8 Tee | 9 Run/20 Branch |
| 8X6 Tee | 5 Run/17 Branch |
| 8" Cross | 9 |
| 8X8X4 Tee | 5/17 |
| 6X6X6 Tee | 6/20 |
| 6" Dead Ends | 46 |
| 8" Dead Ends | 60 |
| 12x8 Reducers | 45 Run/68 Branch |

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.

RECORD DRAWING
12-3-97

AS BUILT INFORMATION
CONTRACTOR Insurance Mech DATE 4-96
WORK STAKED BY CSC DATE 12/3/97
ACCEPTANCE BY CSC DATE 12/3/97
FIELD VERIFICATION BY CSC DATE 12/3/97
DRAWINGS CORRECTED BY CSC DATE 12/3/97
TOP OF THE DETENTION DAM, ALONG THE NORTH BANK OF THE DAM MICRO-FILM INFORMATION DATE
0.6 MI. TO A DIRT CROSS RD., TURN RIGHT, GO NORTH ON THE RECORDED BY
DIRT RD. 0.5 MI. NO.
S.D 1929 ELEVATION = 5334.50 FEET

BENCH MARKS
ACS BRASS TABLET STAMPED "2-C9" SET IN A 2" IRON PIPE 1'±T. 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.
S.D 1929 ELEVATION = 5334.50 FEET

SURVEY INFORMATION
FIELD NOTES

| NO. | BY | DATE |
|---|---|---|
| 1 | COMMUNITY SCIENCES | |

ENGINEER'S SEAL
JAMES D. HUGHES NEW MEXICO 11674 REGISTERED PROFESSIONAL ENGINEER 5-5-95

| NO. | DATE | REMARKS | BY |
|---|---|---|---|

REVISIONS

DESIGN
DESIGNED BY BOM DATE MARCH 1995
DRAWN BY AM, W.V DATE MARCH 1995
CHECKED BY J.D.H. DATE MARCH, 1995

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 5
OFFSITE UTILITY PLAN & PROFILE
BASALT AVENUE N.W.

| APPROVALS | ENGINEER | DATE | APPROVALS | ENGINEER | DATE |
|---|---|---|---|---|---|
| DRC CHAIRMAN | | | WATER | R.W. Kane | 6-5-95 |
| TRANSPORTATION | N/A, RHO | 6-02-95 | WASTE WATER | R.W. Kane | 6-5-95 |
| HYDROLOGY | | 9-19-95 | A.M.A.F.C.A. | | |

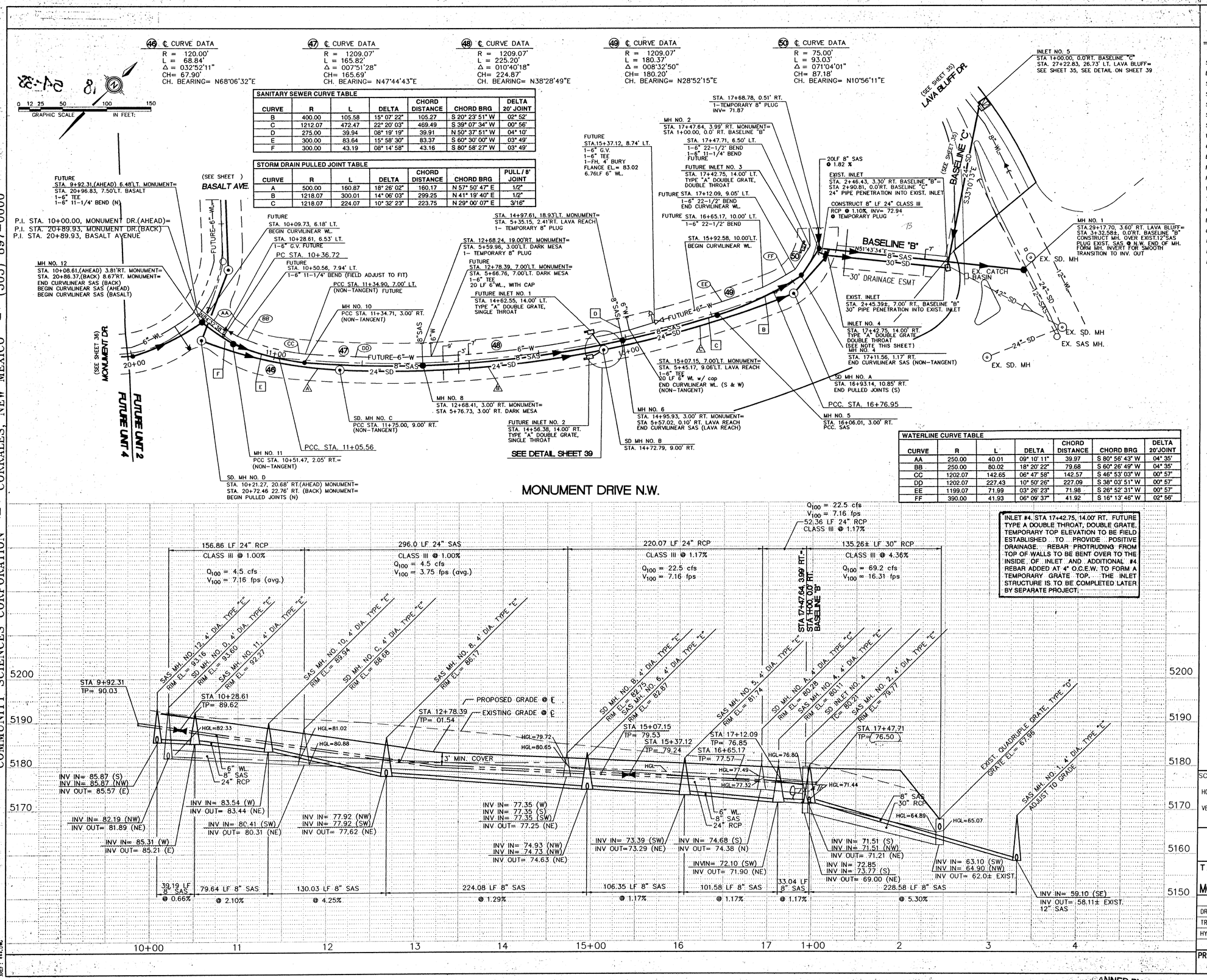
PROJECT NO. 4886.94 | MAP NO. G, H9 | SHEET 37 OF 39

SCANNED BY BY LASON

26-4886.94 3797

1432R27.dwg
XREF: ***.DWG

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




## ℄ CURVE DATA

**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= N10°56'11"E

### SANITARY SEWER CURVE TABLE

| CURVE | R | L | DELTA | CHORD DISTANCE | CHORD BRG | DELTA 20' JOINT |
|---|---|---|---|---|---|---|
| B | 400.00 | 105.58 | 15° 07' 22" | 105.27 | S 20° 23' 51" W | 02° 52' |
| C | 1212.07 | 472.47 | 22° 20' 03" | 469.49 | S 39° 07' 34" W | 00° 56' |
| D | 275.00 | 39.94 | 08° 19' 19" | 39.91 | N 50° 37' 51" W | 04° 10' |
| E | 300.00 | 83.64 | 15° 58' 30" | 83.37 | S 60° 30' 00" W | 03° 49' |
| F | 300.00 | 43.19 | 08° 14' 58" | 43.16 | S 80° 58' 27" W | 03° 49' |

### STORM DRAIN PULLED JOINT TABLE

| CURVE | R | L | DELTA | CHORD DISTANCE | CHORD BRG | PULL / 8' JOINT |
|---|---|---|---|---|---|---|
| A | 500.00 | 160.87 | 18° 26' 02" | 160.17 | N 57° 50' 47" E | 1/2" |
| B | 1218.07 | 300.01 | 14° 06' 03" | 299.25 | N 41° 19' 40" E | 1/2" |
| C | 1218.07 | 224.07 | 10° 32' 23" | 223.75 | N 29° 00' 07" E | 3/16" |

### WATERLINE CURVE TABLE

| CURVE | R | L | DELTA | CHORD DISTANCE | CHORD BRG | DELTA 20'JOINT |
|---|---|---|---|---|---|---|
| AA | 250.00 | 40.01 | 09° 10' 11" | 39.97 | S 80° 56' 43" W | 04° 35' |
| BB | 250.00 | 80.02 | 18° 20' 22" | 79.68 | S 60° 26' 49" W | 04° 35' |
| CC | 1202.07 | 142.65 | 06° 47' 58" | 142.57 | S 46° 53' 03" W | 00° 57' |
| DD | 1202.07 | 227.43 | 10° 50' 26" | 227.09 | S 38° 03' 51" W | 00° 57' |
| EE | 1199.07 | 71.99 | 03° 26' 23" | 71.98 | S 26° 52' 31" W | 00° 57' |
| FF | 390.00 | 41.93 | 06° 09' 37" | 41.92 | S 16° 13' 46" W | 02° 56' |

INLET #4, STA 17+42.75, 14.00' RT. FUTURE TYPE A DOUBLE THROAT, DOUBLE GRATE. TEMPORARY TOP ELEVATION TO BE FIELD ESTABLISHED TO PROVIDE POSITIVE DRAINAGE. REBAR PROTRUDING FROM TOP OF WALLS TO BE BENT OVER TO THE INSIDE OF INLET AND ADDITIONAL #4 REBAR ADDED AT 4" O.C.E.W. TO FORM A TEMPORARY GRATE TOP. THE INLET STRUCTURE IS TO BE COMPLETED LATER BY SEPARATE PROJECT.

### 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 | | |
| FUTURE FIRE HYDRANT | | |
| FUTURE WATER | | |
| FUTURE MANHOLE | | |
| 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 | |

### RESTRAINING LENGTHS

| FITTING | LR (FT) |
|---|---|
| 6"-11¼° Bend | 2 |
| 6"-22½° Bend | 3 |
| 6"-45° Bend | 7 |
| 8"-11¼° Bend | 2 |
| 8"-22½° Bend | 4 |
| 6" GV | 46 |
| 8" GV | 60 |
| 8X6 Reducers | 25 L/33 S |
| 8X8 Tee | 9 Run/20 Branch |
| 8X6 Tee | 5 Run/17 Branch |
| 8" Cross | 9 |
| 8X8X4 Tee | 5/17 |
| 6X6X6 Tee | 6/20 |
| 6" Dead Ends | 46 |
| 8" Dead Ends | 60 |
| 12x8 Reducers | 45 Run/68 Branch |

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.

RECORD DRAWING
12-3-97

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 5
OFFSITE UTILITY PLAN & PROFILE
MONUMENT DRIVE N.W.

| APPROVALS | ENGINEER | DATE | APPROVALS | ENGINEER | DATE |
|---|---|---|---|---|---|
| DRC CHAIRMAN | | | WATER | A.W. Kane | 6-5-95 |
| TRANSPORTATION | N/A RHD | 6-02-95 | WASTE WATER | A.W. Kane | 6-5-95 |
| HYDROLOGY | J. Curtin | 9-19-95 | A.M.A.F.C.A. | | |

PROJECT NO. 4886.94 | MAP NO. G, H9 | SHEET 38 OF 39

AS BUILT INFORMATION
CONTACTOR Lewanee Mech. DATE 7-6
WORK STAKED BY CSC DATE 12/97
INSPECTOR'S ACCEPTANCE BY CSC DATE 12/97
FIELD VERIFICATION BY CSC DATE 12/97
DRAWINGS CORRECTED BY CSC DATE 12/97
RECORDED BY MICRO-FILM INFORMATION 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.
S.D. 1929 ELEVATION = 5334.50 FEET

SURVEY INFORMATION
FIELD NOTES

| NO. | BY | DATE |
|---|---|---|
| 1 | COMMUNITY SCIENCES | |

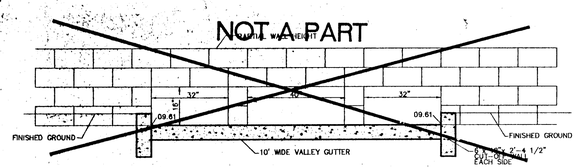
ENGINEER'S SEAL
JAMES D. HUGHES 11674 NEW MEXICO PROFESSIONAL ENGINEER
5-25-95

| NO. | DATE | REMARKS | BY |
|---|---|---|---|
| | | REVISIONS | |

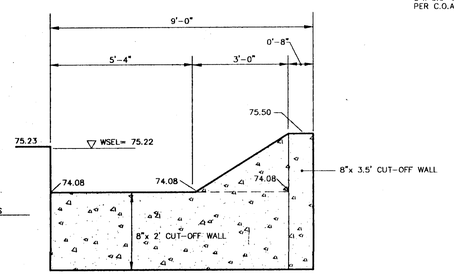
DESIGN
DESIGNED BY BOM, JJD DATE MARCH 1995
DRAWN BY AM, WLV DATE MARCH 1995
CHECKED BY - J.D.H. DATE MARCH, 1995

SCANNED BY LASON
2 3 4 5 6 7 8 9 10 11 12 13 14 15
26-4886.94 38 of 39

14326 14326CSB.DWG JOBSET: ***.DWG

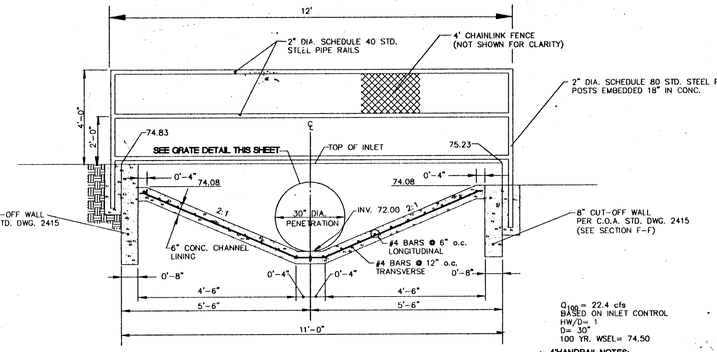



POND WALL PENETRATION DETAIL
N.T.S.
(SEE SHEET 15)




WEIR CALCULATIONS
$Q_{100}$= 22.4 cfs
C= 3.0'
WEIR DEFINED BY
XY COORDINATES
H= 1.14'
WSEL= 75.22

SECTION F-F
INLET NO. 5 WEIR DETAIL
N.T.S.

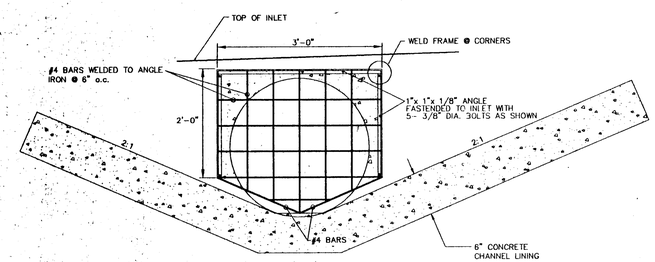



$Q_{100}$= 22.4 cfs
BASED ON INLET CONTROL
HW/D= 1
D= 30"
100 YR. WSEL= 74.50

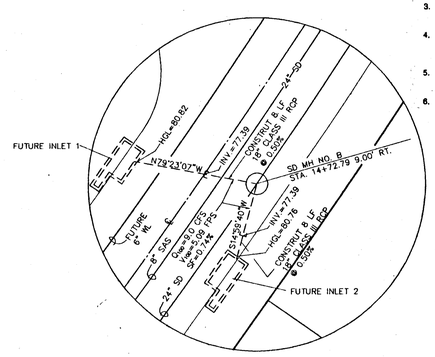
SECTION E-E
INLET NO. 5 PENETRATION DETAIL
N.T.S.

**4'HANDRAIL NOTES:**

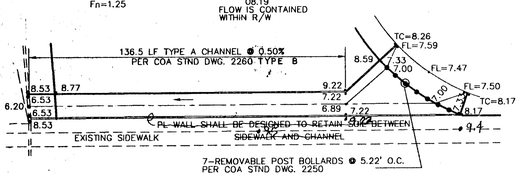
1. ALL POSTS, RAILS, PLATES, ANGLES, BOLTS, ETC... SHALL BE OF STRUCTURAL STEEL AND GALVANIZED PER COA STANDARDS.
2. INSTALL CHAIN LINK FABRIC ON OUTSIDE OF PIPE RAIL.
3. TENSION BARS AND THREE (3) CLAMPS AT EACH END POST.
4. TACK WELD CHAIN LINK FABRIC AT 3 POINTS ALONG EACH FRAME MEMBER.
5. PAINT ALL FIELD WELDS WITH GALVANIZED COATING.
6. PAINT GUARDRAIL WITH WELLBORN MAPLENUT COLOR OR APPROVED EQUIVALENT.




GRATE DETAIL
N.T.S.



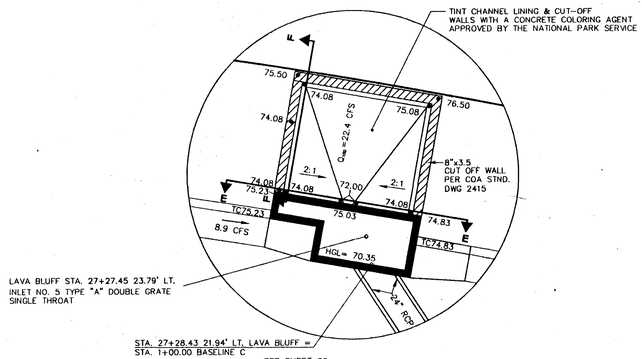

SD. MH. NO. "B" CONSTRUCTION
N.T.S.



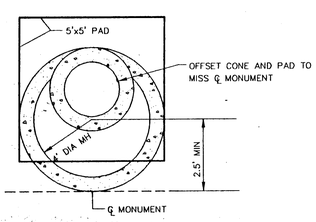

CHANNEL CALCULATIONS
Q=39.14
n=0.013
So=0.50%
d=0.84
v=5.84 FPS
Fn=1.25

WEIR CALCULATIONS
Q=2.65 LH^1.5
L=10'
H=1.30'
WSEL=06.89
+1.30
08.19
FLOW IS CONTAINED WITHIN R/W

SADDLEBROOK RUNDOWN
N.T.S.

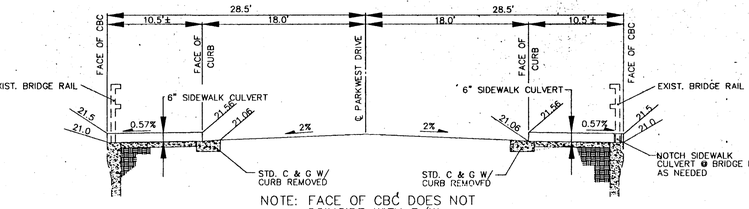



INLET NO. 5
NTS

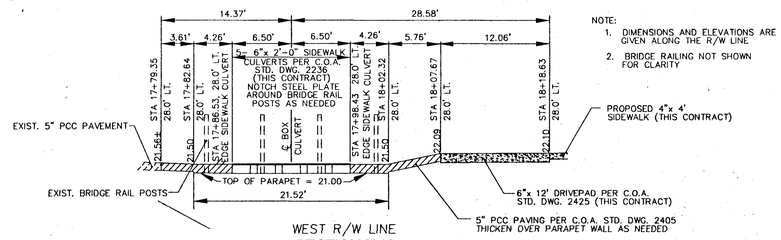



MH. #'s 29,30,31,32,43,45 & 47

SPECIAL MH. DETAIL
N.T.S.

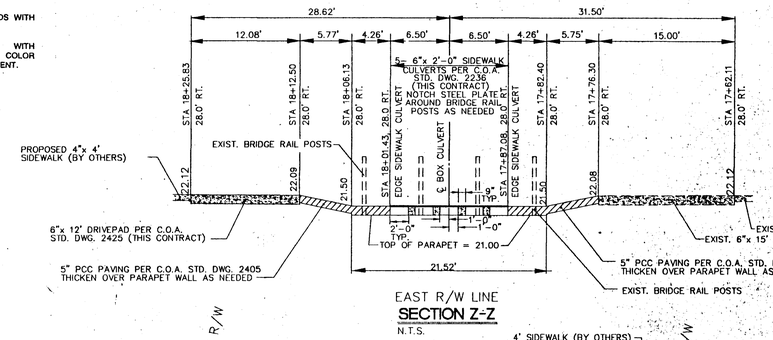



NOTE: FACE OF CBC DOES NOT COINCIDE WITH R/W
SECTION X-X
N.T.S.




NOTE:
1. DIMENSIONS AND ELEVATIONS ARE GIVEN ALONG THE R/W LINE.
2. BRIDGE RAILING NOT SHOWN FOR CLARITY

WEST R/W LINE
SECTION Y-Y
N.T.S.

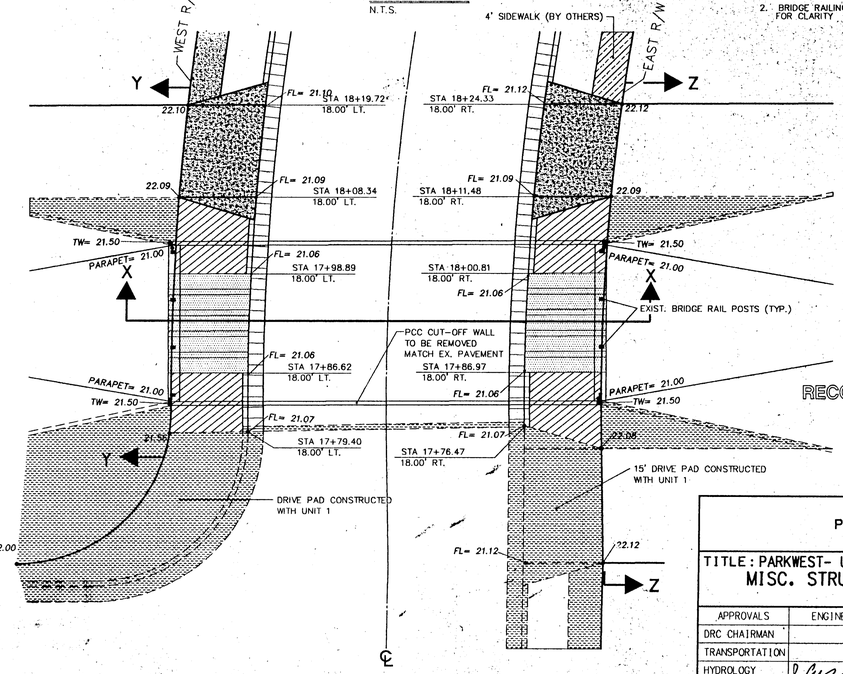



WEIR CAPACITY
1/2 $Q_{100}$=32.75 cfs
Q cap WEIR
INVERT= 21.50
d= 0.58'
Q= 32.8 cfs
$Q_{100}$< Q cap
100 YR. WSEL= 22.08

SIDEWALK CULVERT CAPACITY
1/2 $Q_2$ =10.5 cfs
Q cap WEIR:
d= 0.5'
L= 2.0 cfs
Q= 2.1 cfs / CULVERT
$Q_2$ < Qcap
USE 5 SIDEWALK CULVERTS / SIDE

NOTE:
1. DIMENSIONS AND ELEVATIONS ARE GIVEN ALONG THE R/W LINE
2. BRIDGE RAILING NOT SHOWN FOR CLARITY

EAST R/W LINE
SECTION Z-Z
N.T.S.




LADERA CHANNEL CROSSING PLAN VIEW
NTS

NOTE:
1. SEE SECTIONS Y-Y & Z-Z FOR R/W STATIONS & OFFSETS

RECORD DRAWING
12-3-97

## LEGEND

- EXIST. CONCRETE
- STANDARD CURB & GUTTER
- 5" PCC PAVING PER C.O.A. STD. DWG. 2405
- 5- SIDEWALK CULVERTS EACH SIDE PER C.O.A. STD. DWG. 2236
- 12' WIDE DRIVE PADS PER C.O.A. STD. DWG. 2425
- 4' SIDEWALK THIS CONTRACT
- 4' SIDEWALK BY OTHERS

| SURVEY INFORMATION | | |
|---|---|---|
| FIELD NOTES | | |
| NO. | BY | DATE |
| 1 | COMMUNITY SCIENCES | |

| BENCH MARKS | |
|---|---|
| ACS BRASS TABLET STAMPED "2-C9" SET IN 4.2" 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 | |

| | | |
|---|---|---|
| CONTRACTOR WORK STAKE BY | Sundance Hach | DATE 12/97 |
| INSPECTOR'S WORK STAKE BY | CSC | DATE 12/97 |
| FIELD VERIFICATION BY | CSC | DATE 12/97 |
| AS-BUILT CORRECTED BY | CSC | DATE 12/97 |
| MICRO-FILM INFORMATION | | |
| RECORDED BY | | DATE |
| NO. | | |

ENGINEER'S SEAL

| NO. | DATE | REMARKS | BY |
|---|---|---|---|
| | | REVISIONS | |

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

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: PARKWEST- UNIT 5
MISC. STRUCTURAL AND DRAINAGE DETAILS

| APPROVALS | ENGINEER | DATE | APPROVALS | ENGINEER | DATE |
|---|---|---|---|---|---|
| DRC CHAIRMAN | | | WATER | N/A RWK | 6-5-95 |
| TRANSPORTATION | | | WASTE WATER | N/A RWK | 6-5-95 |
| HYDROLOGY | J Austin | 9-19-95 | A.M.A.F.C.A. | | |

| PROJECT NO. | MAP NO. | SHEET |
|---|---|---|
| 4886.94 | G, H9 | 39 OF 39 |

COMMUNITY SCIENCES CORPORATION - CORRALES, NEW MEXICO - (505) 897-0000
14326 LSSHT
SCANNED BY LASON
216-4886.964 3997