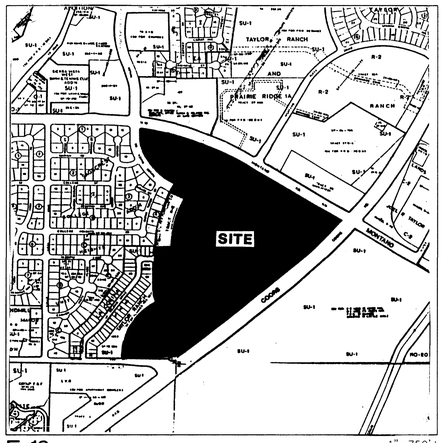
TAYLOR RIDGE SUBDIVISION

ALBUQUERQUE, NEW MEXICO

JULY, 1994



E-12 1"=750'±

VICINITY MAP

GENERAL NOTES

1. All work detailed on these plans to be performed under contract shall, except as otherwise stated or provided for hereon, be constructed in accordance with the City of Albuquerque Standard Specifications for Public Works Construction 1986, as amended through Update #4.

2. Prior to construction, the Contractor shall excavate & verify the horizontal and vertical locations of all obstructions. Should a conflict exist, the Contractor shall notify the Engineer so that the conflict can be resolved with minimum delay.

3. Two (2) working days prior to any excavation, Contractor must contact Line Locating Service @ 260-1990 for location of existing utilities.

4. Contractor shall support all existing, underground utility lines which become exposed during construction. Payment for supporting work shall be incidental to water-line and/or sewerline costs.

5. All water line stationing refers to survey centerline stationing.

6. Contractor shall conduct his operations in a manner which will minimize interference with local traffic. Contractor shall comply with all applicable laws, ordinances, rules, regulations, and orders of any public body having jurisdiction for the safety of persons or property, and to protect them from damage, injury, or loss. Contractor shall erect and maintain, as required by the conditions and progress of the work, all necessary safeguards for safety continuously and not limited to normal working hours, throughout the duration of the project. Contractor shall adhere to Section 19 of the General Conditions of the City of Albuquerque Standard Specifications for Public Works Construction, 1986, as amended through Update #4.

7. The Contractor agrees that he shall assume the sole and complete responsibility for the job site conditions during the course of construction of this project, including safety of all persons and property; that this requirement shall apply continuously and not be limited to normal working hours; and that the Contractor shall defend, indemnify, and hold harmless the Owner & Engineer from any and all liability real or alleged, in connection with the performance of work on this project, excepting liability arising from the sole negligence of the Owner or Engineer.

8. Proposed utility line materials shall be as follows:
Waterline: PVC (AWWA C900) 6"-12" or DI Class 50 6"-16"
Sanitary Sewer: PVC SDR 35
Storm Drain: Reinforced Concrete Pipe Class III

9. There are existing walls located adjacent to this project. Any walls damaged or removed by the Contractor during the construction activities shall be reinstalled or replaced by the Contractor to an equal or better condition at no additional cost to the Owner.

10. TRAFFIC CONTROL: Three (3) working days prior to beginning construction the Contractor shall submit to the Construction Co-ordination Division a detailed construction schedule. Two (2) working days prior to construction the Contractor shall obtain a barricading permit from the Construction Co-ordination Division. Contractor shall notify Barricade Engineer (768-2551) prior to occupying an intersection. See section 19 of the specifications. All Street striping altered or destroyed shall be replaced by Contractor to location and in kind as existing.

11. The Contractor shall promptly clean up any material excavated within the public right-of-way so that the excavated material is not susceptible to being washed down a public street.

12. Contractor shall assist the Engineer/Inspector in the recording of data on all utility lines and accessories as required by the City of Albuquerque for the preparation of record drawings. Contractor shall not cover utility lines and accessories until all data has been recorded.

13. Existing curb and gutter not to be removed under the contract which is damaged or displaced by the Contractor shall be removed and replaced by the Contractor at his expense.

14. All work on this project shall be performed in accordance with applicable federal, state, and local laws, rules, and regulations concerning construction safety and health.

15. All fittings on waterlines shall have pipe to fitting restrained joints. In addition, pipe to pipe restrained joints measured each way from fittings are required as follows, unless noted otherwise on plans:

LINE SIZE	BENDS 90°	45°	22½°	RDCRS	VALVES, DEAD ENDS & TEE BRANCHES (FH)		
6"	20'	9'	4'	6x8:	22'	46'	(FH LEGS TO BE FULLY
8"	26'	11'	5'	10x8:	21'	60'	RESTRAINED FROM TEE
10"	32'	13'	6'	10x6:	49'	72'	THROUGH FLANGE)

16. The Contractor is responsible for protecting and maintaining all existing monumentation controls. In the event of inadvertent destruction or alteration, the Contractor must immediately notify the City Chief Surveyor.

17. PNM will provide at no cost to the City or the Contractor the required personnel for inspection or observation deemed necessary by PNM while the Contractor is exposing PNM's cables. However, the Contractor shall be charged the total cost associated with repairs to any damaged cables or for any cost associated with supporting or relocating the poles and cables during construction.

18. 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 no 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 therefor. 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.

19. Contractor is responsible for contacting Water Systems (857-8200) for operation of water valves.

INDEX TO DRAWINGS

Sheet	Title
1.	VICINITY MAP & GENERAL NOTES
2.-3.	SUBDIVISION PLAT
4.-7.	GRADING & DRAINAGE PLAN
8.	GRADING & DRAINAGE DETAILS
9.	DETENTION BASIN
10.	NORTH STORM DRAIN
11.	SOUTH STORM DRAIN & SAS
12.	MASTER PAVING & UTILITY PLAN
13.-15.	MONTANO PLAZA DRIVE PAVING
16.	TAYLOR RANCH DRIVE PAVING
17.	OXNARD DRIVE PAVING
18.-20.	MONTANO PLAZA DRIVE UTILITY
21.	TAYLOR RANCH DRIVE UTILITY
22.	OXNARD DRIVE UTILITY
23.	MEDIAN & PAVING DETAILS

SURVEYOR'S CERTIFICATION

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

Timothy Aldrich, P.S. No. 7719 — 4-20-95 Date

TIMOTHY A. ALDRICH 7719 REGISTERED PROFESSIONAL LAND SURVEYOR

26-14918.990 01175

APPROVED FOR AS-BUILT DRAWINGS
CITY ENGINEER
DATE 11-9-95

SCOTT M. MCGEE NEW MEXICO 10510 REGISTERED PROFESSIONAL ENGINEER
7-13-94

PREPARED FOR:
ARGUS DEVELOPMENT CO.
Uptown Blvd. NE, Suite 200W
Albuquerque, NM 87110

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

ISAACSON & ARFMAN, P.A.
Consulting Engineering Associates
128 Monroe Street N.E.
Albuquerque New Mexico

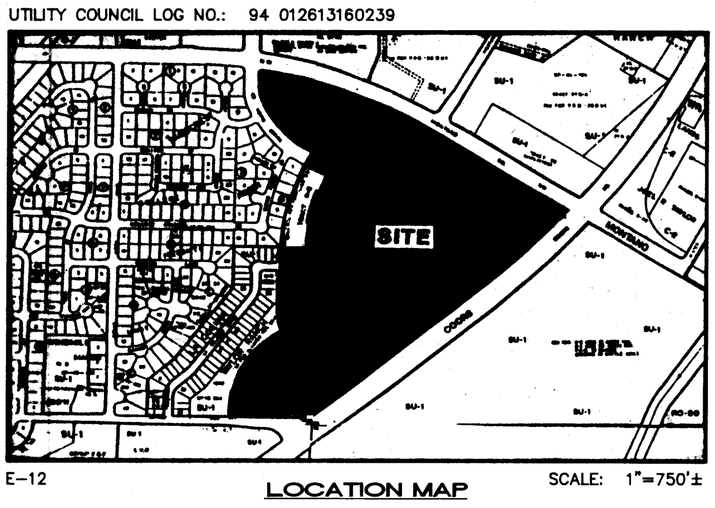
APPROVED FOR CONSTRUCTION
for Richard Rayhal 11-4-94 DATE

PROJECT NO. 4918.90

SHEET 1 OF 23

SCANNED BY LASON

UTILITY COUNCIL LOG NO.: 94 012613160239



E-12

LOCATION MAP

SCALE: 1"=750'±

PLAT OF TAYLOR RIDGE SUBDIVISION

BEING A REPLAT OF TRACT R-1, TAYLOR RANCH AS FILED 8-8-84, VOL C24, FOLIO 155

ALBUQUERQUE, NEW MEXICO
FEBRUARY, 1994

SUBDIVISION DATA / NOTES

1. ALL PROPERTY CORNERS ARE SET WITH 5/8" REBAR AND CAP STAMPED "LS 3243", UNLESS OTHERWISE NOTED.
2. ROTATE BEARINGS COUNTER-CLOCKWISE 00°00'22" TO ADJUST TO NEW MEXICO STATE PLANE COORDINATE SYSTEM, GRID BEARINGS.
3. DISTANCES ARE GROUND DISTANCES.
4. FIELD BEARINGS AND DISTANCES MATCH RECORD EXCEPT WHERE FIGURES ARE SHOWN IN PARENTHESIS (RECORD).
5. PLAT SHOWS ALL EASEMENTS OF RECORD.
6. GROSS ACREAGE: 62.5411 ACRES, MORE OR LESS.
7. NUMBER OF EXISTING TRACTS: 1 TRACT.
8. NUMBER OF TRACTS CREATED: 9 TRACTS TOTAL INCLUDING 1 FOR DRAINAGE R.O.W. & 3 FOR CITY PARK.
9. MILEAGE OF STREETS CREATED: 0.76 MI.
10. BASIS OF BEARINGS: EAST LINE (S 51°58'50" W) OF PLAT OF TRACTS R-1 & R-2 TAYLOR RANCH FILED: AUGUST 8, 1984, IN VOL. C24, FOLIO 155.
11. DELETED
12. ALL STREET CENTERLINE POINTS SHOWN THUS ⊕ WILL BE MARKED BY A 4" ALUMINUM DISK STAMPED "CENTERLINE MONUMENTATION, PS #7719".
13. SEE SHEET 4 FOR BULK LAND VARIANCE AND TEMPORARY DRAINAGE EASEMENT NOTES AND SURVEYOR'S CERTIFICATION.

FREE CONSENT / DEDICATION

THE SUBDIVISION SHOWN HEREON IS WITH THE FREE CONSENT AND IN ACCORDANCE WITH THE DESIRES OF THE UNDERSIGNED OWNER(S) AND/OR PROPRIETOR(S) THEREOF AND SAID OWNER(S) AND/OR PROPRIETOR(S) DO HEREBY DEDICATE ALL STREETS AND PUBLIC RIGHTS-OF-WAY SHOWN HEREON TO THE CITY OF ALBUQUERQUE IN FEE SIMPLE WITH WARRANTY COVENANTS AND DO HEREBY GRANT: ALL ACCESS, UTILITY AND DRAINAGE EASEMENTS SHOWN HEREON INCLUDING THE RIGHT TO CONSTRUCT, OPERATE, INSPECT, AND MAINTAIN FACILITIES THEREIN; AND ALL PUBLIC UTILITY EASEMENTS SHOWN HEREON FOR THE COMMON AND JOINT USE OF GAS, ELECTRICAL POWER AND COMMUNICATION SERVICES FOR BURIED DISTRIBUTION LINES, CONDUITS, AND PIPES FOR UNDERGROUND UTILITIES WHERE SHOWN OR INDICATED, AND INCLUDING THE RIGHT OF INGRESS AND EGRESS FOR CONSTRUCTION AND MAINTENANCE, AND THE RIGHT TO TRIM INTERFERING TREES AND SHRUBS. SAID OWNER(S) AND/OR PROPRIETOR(S) DO HEREBY CONSENT TO ALL OF THE FOREGOING AND DO HEREBY CERTIFY THAT THIS SUBDIVISION IS THEIR FREE ACT AND DEED.

CITIBANK (ARIZONA)

Daniel R. Porth — 2.16.94

DANIEL R. PORTH
CORPORATE VICE PRESIDENT — DATE

ACKNOWLEDGEMENT

STATE OF NEW MEXICO)
) SS
COUNTY OF BERNALILLO)

THIS INSTRUMENT WAS ACKNOWLEDGED BEFORE ME ON 2/16, 1994, BY DANIEL R. PORTH, AS CORPORATE VICE PRESIDENT OF CITIBANK (ARIZONA), AN ARIZONA CORPORATION, ON BEHALF OF SAID CORPORATION.

MY COMMISSION EXPIRES: 4/22/95

Ruth T. Lozano
NOTARY PUBLIC

OFFICIAL SEAL
Signature
RUTH T. LOZANO
NOTARY PUBLIC - NEW MEXICO
Notary Bond Filed with Secretary of State
My Commission Expires:

LEGAL DESCRIPTION

THAT CERTAIN PARCEL OF LAND SITUATE WITHIN SECTIONS 25 & 26, TOWNSHIP 11 NORTH, RANGE 2 EAST, NEW MEXICO PRINCIPAL MERIDIAN, ALBUQUERQUE, NEW MEXICO, AND LABELED TRACT R-1 ON THE PLAT OF "TRACTS R-1 AND R-2, TAYLOR RANCH", AS THE SAME IS SHOWN AND DESIGNATED ON THE PLAT FILED IN THE OFFICE OF THE COUNTY CLERK OF BERNALILLO COUNTY, NEW MEXICO, ON AUGUST 8, 1984, IN VOLUME C24, FOLIO 155 ALONG WITH A VACATED PORTION OF DELLYNE AVENUE RIGHT-OF-WAY AND BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

BEGINNING AT A POINT ON THE WESTERLY RIGHT-OF-WAY LINE OF COORS ROAD NW, FROM WHENCE THE ACS SURVEY MONUMENT "NM 448-N5B" (NEW MEXICO STATE PLANE GRID COORDINATES FOR THE CENTRAL ZONE: X=365147.72, Y=1504660.04) BEARS S 35°47'26" W, 4,718.10 FEET AND PROCEEDING FROM SAID BEGINNING POINT N 89°45'19" W, 4.84 FEET;
THENCE PROCEEDING ALONG THE WEST RIGHT-OF-WAY LINE OF COORS ROAD NW S 51°58'50" W, 118.33 FEET TO A POINT OF CURVATURE;
THENCE 40.17 FEET ALONG THE ARC OF A CURVE TO THE RIGHT HAVING A RADIUS OF 25.00 FEET THROUGH A CENTRAL ANGLE OF 92°04'11" TO THE BEGINNING OF A REVERSE CURVE CONCAVE TO THE SOUTHWEST HAVING A RADIUS OF 172.00 FEET
THENCE NORTHWESTERLY 135.25 FEET ALONG SAID CURVE THROUGH A CENTRAL ANGLE OF 45°03'10" TO A POINT ON THE NORTH RIGHT-OF-WAY LINE OF DELLYNE AVENUE NW;
THENCE PROCEEDING ALONG THE NORTH RIGHT-OF-WAY LINE OF DELLYNE AVENUE N 89°45'19" W, 228.05 FEET;
THENCE LEAVING SAID RIGHT-OF-WAY LINE & PROCEEDING N 00°01'22" E, 65.39 FEET TO A POINT OF CURVATURE;
THENCE 628.32 FEET ALONG THE ARC OF A CURVE TO THE RIGHT HAVING A RADIUS OF 600.00 FEET THROUGH A CENTRAL ANGLE OF 60°00'00",
THENCE N 60°01'22" E, 50.00 FEET TO A POINT ON A CURVE CONCAVE TO THE EAST HAVING A RADIUS OF 225.00 FEET AND TO WHICH POINT A RADIAL LINE BEARS S 60°00'00" W;
THENCE NORTHERLY 117.81 FEET ALONG SAID CURVE THROUGH A CENTRAL ANGLE OF 30°00'00";
THENCE N 00°00'00" E, 375.00 FEET TO A POINT OF CURVATURE;
THENCE 113.36 FEET ALONG THE ARC OF A CURVE TO THE RIGHT HAVING A RADIUS OF 1,490.00 FEET THROUGH A CENTRAL ANGLE OF 04°21'33";
THENCE S 89°46'41" E, 150.44 FEET TO A POINT ON A CURVE CONCAVE TO THE EAST HAVING A RADIUS OF 1,340.00 FEET AND TO WHICH POINT A RADIAL LINE BEARS N 85°10'36" W;
THENCE NORTHERLY 545.81 FEET ALONG SAID CURVE THROUGH A CENTRAL ANGLE OF 23°20'17";
THENCE ALONG A NON-RADIAL LINE N 59°58'45" W, 150.11 FEET TO A POINT ON A CURVE TO THE RIGHT HAVING A RADIUS OF 1,490.00 FEET AND TO WHICH POINT A RADIAL LINE BEARS N 61°38'01" W;
THENCE NORTHEASTERLY 43.02 FEET ALONG SAID CURVE THROUGH A CENTRAL ANGLE OF 01°39'16";
THENCE N 30°01'15" E, 78.00 FEET TO A POINT OF CUSP WITH A CURVE CONCAVE TO THE NORTH HAVING A RADIUS OF 25.00 FEET AND TO WHICH POINT A RADIAL LINE BEARS S 59°58'45" E;
THENCE WESTERLY 39.27 FEET ALONG SAID CURVE THROUGH A CENTRAL ANGLE OF 90°00'00" TO A POINT ON THE EASTERLY RIGHT-OF-WAY LINE OF TAYLOR RANCH DRIVE NW;
THENCE PROCEEDING ALONG SAID EASTERLY RIGHT-OF-WAY LINE N 59°58'45" W, 100.00 FEET TO A POINT OF CURVATURE;
THENCE 285.92 FEET ALONG THE ARC OF A CURVE TO THE RIGHT HAVING A RADIUS OF 746.95 FEET THROUGH A CENTRAL ANGLE OF 21°55'54" TO THE BEGINNING OF A COMPOUND CURVE CONCAVE TO THE EAST HAVING A RADIUS OF 338.31 FEET;
THENCE NORTHERLY 224.78 FEET ALONG SAID CURVE THROUGH A CENTRAL ANGLE OF 38°04'06";
THENCE N 00°01'15" E, 106.19 FEET TO A POINT OF CURVATURE;
THENCE LEAVING SAID EASTERLY RIGHT-OF-WAY LINE OF TAYLOR RANCH DRIVE NW AND PROCEEDING 42.75 FEET ALONG THE ARC OF A CURVE TO THE RIGHT HAVING A RADIUS OF 25.00 FEET THROUGH A CENTRAL ANGLE OF 97°59'04" TO A POINT ON THE SOUTHERLY RIGHT-OF-WAY LINE OF MONTANO ROAD NW SAID POINT ALSO BEING THE BEGINNING OF A COMPOUND CURVE CONCAVE TO THE SOUTH HAVING A RADIUS OF 2,828.53 FEET;
THENCE PROCEEDING SOUTHEASTERLY ALONG SAID SOUTHERLY RIGHT-OF-WAY LINE OF MONTANO ROAD NW 1,170.76 FEET THROUGH A CENTRAL ANGLE OF 23°42'56";
THENCE S 58°16'45" E, 1,133.06 FEET TO A POINT ON THE WESTERLY RIGHT-OF-WAY LINE OF COORS ROAD NW SAID POINT ALSO BEING ON A CURVE CONCAVE TO THE NORTHWEST HAVING A RADIUS OF 5,654.58 FEET AND TO WHICH POINT A RADIAL LINE BEARS S 48°17'12";
THENCE LEAVING THE SOUTH RIGHT-OF-WAY LINE OF MONTANO ROAD AND PROCEEDING SOUTHWESTERLY ALONG SAID WEST RIGHT-OF-WAY OF COORS ROAD NW 1,013.28 FEET ALONG THE ARC OF A CURVE TO THE RIGHT THROUGH A CENTRAL ANGLE OF 10°16'02";
THENCE CONTINUING ALONG THE WEST RIGHT-OF-WAY LINE OF COORS ROAD NW S 51°58'50" W, 1,292.43 FEET TO THE POINT OF BEGINNING AND CONTAINING 2,724,295 SQ FT OF LAND (62.5411 ACRES) MORE OR LESS.

APPROVALS — S-93-20 — DRB NO: 92-295

PUBLIC SERVICE COMPANY OF NEW MEXICO	DATE 4-19-94
GAS COMPANY OF NEW MEXICO	DATE 2-18-94
U.S. WEST COMMUNICATIONS	DATE 2-22-94
JONES INTERCABLE	DATE 2-18-94
CITY SURVEYOR, ENGR. DIV., P.W.D.	DATE 022294
TRAFFIC ENGINEERING, TRANS. DEV. DIV., P.W.D.	DATE 3-01-94
PARKS & RECREATION DEPARTMENT	DATE 3-1-94
UTILITY DEVELOPMENT DIV., P.W.D.	DATE 3-1-94
REAL PROPERTY DIVISION, D.F.M.	DATE 3-3-94
A.M.A.F.C.A.	DATE
CITY ENGINEER, PUBLIC WORKS DEPT.	DATE

APPROVAL AND CONDITIONAL ACCEPTANCE AS SPECIFIED BY THE ALBUQUERQUE SUBDIVISION ORDINANCE, ARTICLE XI OF THE REVISED ORDINANCES OF ALBUQUERQUE, N.M.

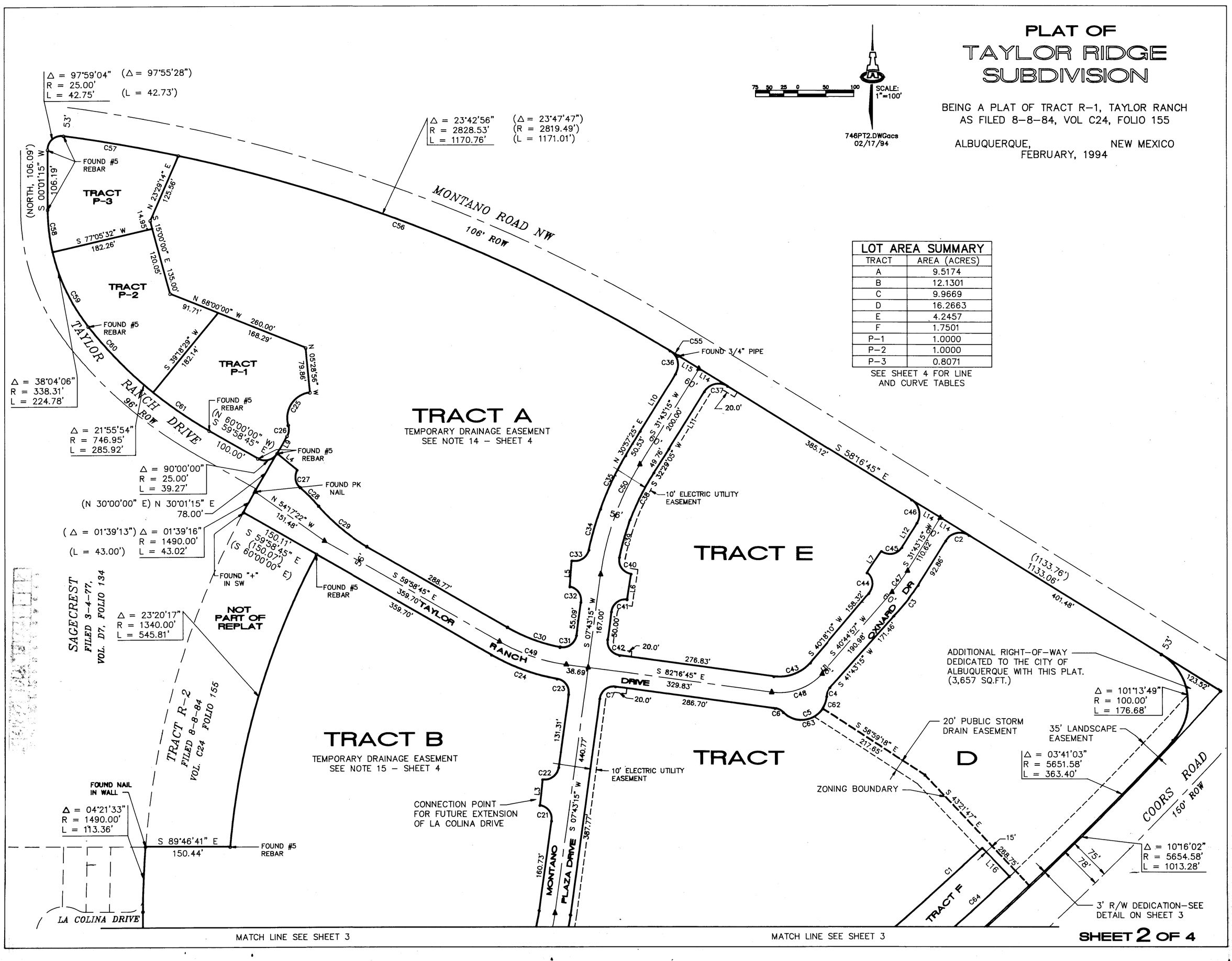
CITY PLANNER, ALBUQUERQUE PLANNING DIVISION — DATE

DISCLOSURE STATEMENT

THE PURPOSE OF THIS PLAT IS TO SUBDIVIDE TRACT R-1, TO DEDICATE AND VACATE PUBLIC ROADWAYS AS SHOWN, DRAINAGE RIGHTS-OF-WAY (TRACT F), AND PARK LAND (TRACT P-1) TO THE CITY OF ALBUQUERQUE, AND TO CREATE 2 PARCELS (TRACTS P-2 & P-3) FOR ACQUISITION BY THE CITY OF ALBUQUERQUE FOR A CITY PARK AND TO GRANT THOSE EASEMENTS SHOWN.

746PT1.DWG 2/10/94

SHEET 1 OF 4



LOT AREA SUMMARY	
TRACT	AREA (ACRES)
A	9.5174
B	12.1301
C	9.9669
D	16.2663
E	4.2457
F	1.7501
P-1	1.0000
P-2	1.0000
P-3	0.8071

SEE SHEET 4 FOR LINE AND CURVE TABLES

SHEET 2 OF 4

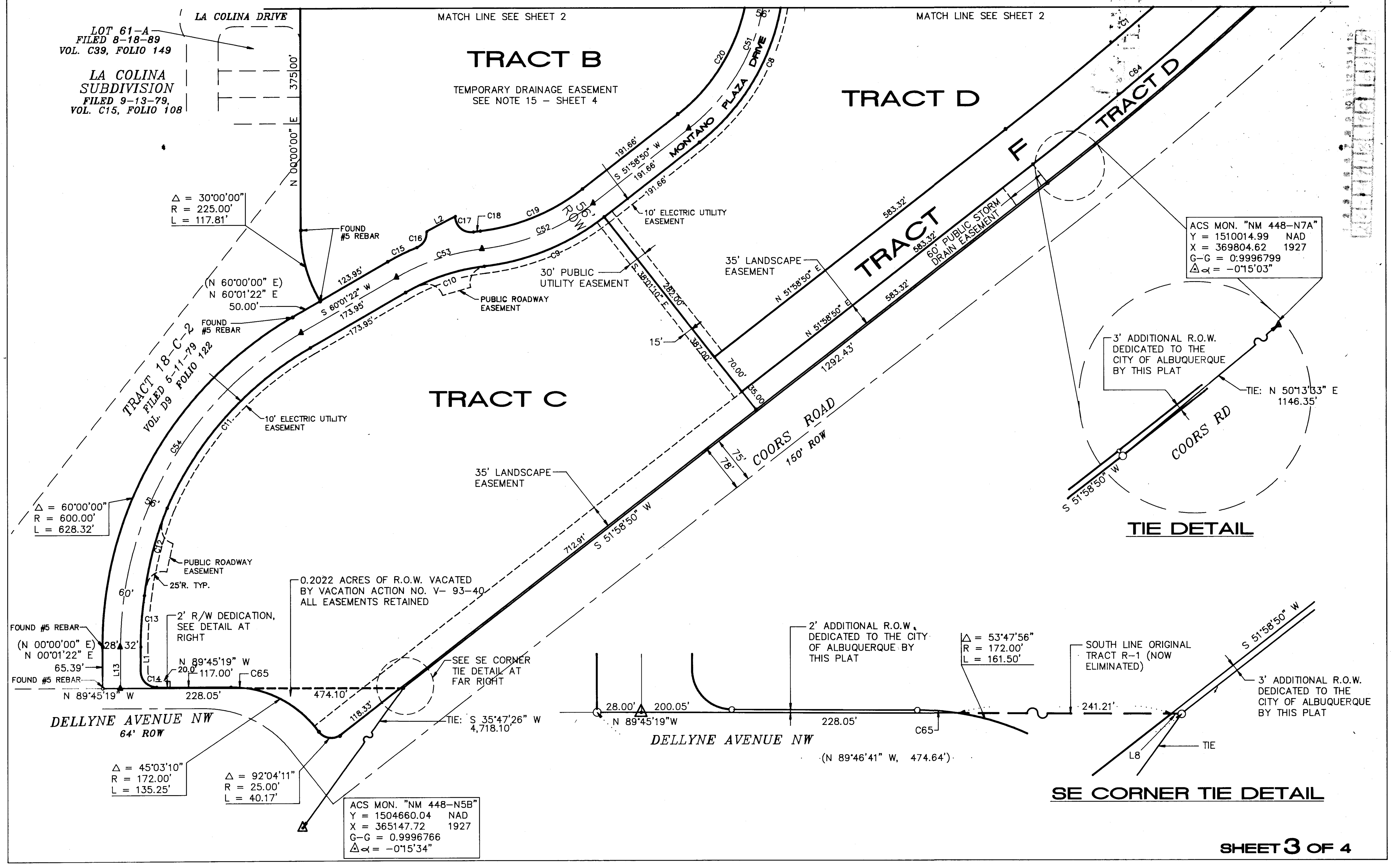
PLAT OF TAYLOR RIDGE SUBDIVISION

BEING A PLAT OF TRACT R–1, TAYLOR RANCH AS FILED 8–8–84, VOL C24, FOLIO 155

ALBUQUERQUE, NEW MEXICO
FEBRUARY, 1994

SCALE: 1"=100'

746PT3.DWGacs 02/17/94



SHEET 3 OF 4

PLAT OF TAYLOR RIDGE SUBDIVISION

BEING A REPLAT OF TRACT R–1, TAYLOR RANCH AS FILED 8–8–84, VOL C24, FOLIO 155

ALBUQUERQUE, NEW MEXICO
FEBRUARY, 1994

PUBLIC UTILITY EASEMENTS:

PUBLIC UTILITY EASEMENTS shown on this plat are granted for the common and joint use of:

1. The Public Service Company of New Mexico for the installation, maintenance, and service of overhead and underground electrical lines, transformers, poles and any other equipment, fixtures, structures and related facilities reasonably necessary to provide electrical service.
2. 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.
3. U.S. West for the installation, maintenance and service of all buried and aerial communication lines and other related equipment and facilities reasonably necessary to provide communication services, including but not limited to above ground pedestals and closures.
4. Jones Intercable for the installation, maintenance, and service of such lines, cable, and other related equipment and facilities reasonably necessary to provide Cable TV service.

Included, is the right to build, rebuild, construct, reconstruct, locate, relocate, change, remove, modify, renew, operate, and maintain facilities for the purposes described above, together with free access to, from, and over said 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 (aboveground 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. Porperty owners shall be solely responsible for correcting any violations of National Electrical Safety Code caused by construction of pools, decking, or any structures adjacent to, within or near easements shown on this plat.

PNM DISCLAIMER

By approving this document, PNM does NOT waive or release any easement or easement rights which may have been granted by prior plat, replat or document

SUBDIVISION NOTES (CONTINUED)

13. 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. DETAILS OF THE VARIANCE OR WAIVER WERE FILED IN THE OFFICE OF THE COUNTY CLERK OF BERNALILLO COUNTY, NEW MEXICO, ON ______, 199____, IN __________, PAGE ______.

    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 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; AND EXCAVATION, FILLING OR GRADING REQUIREMENTS. ANY PERSON INTENDING DEVELOPMENT OF LANDS WITHIN THIS SUBDIVISION IS CAUTIONED TO INVESTIGATE THE STATUS OF THESE ITEMS.

14. TRACT A IS GRANTED BY THIS PLAT AS A TEMPORARY DRAINAGE EASEMENT FOR TRACTS P–1, P–2, & P–3.
15. TRACT B IS GRANTED BY THIS PLAT AS A TEMPORARY DRAINAGE EASEMENT FOR TRACT R–2.

CERTIFICATION

I, THOMAS O. ISAACSON, A REGISTERED PROFESSIONAL ENGINEER AND LAND SURVEYOR UNDER THE LAWS OF THE STATE OF NEW MEXICO, DO HEREBY CERTIFY THAT THIS PLAT WAS PREPARED BY ME OR UNDER MY SUPERVISION; SHOWS ALL EASEMENTS OF RECORD; COMPLIES WITH THE MINIMUM REQUIREMENTS OF MONUMENTATION AND SURVEYS OF THE ALBUQUERQUE SUBDIVISION ORDINANCE; AND IS TRUE TO THE BEST OF MY KNOWLEDGE AND BELIEF. THE BOUNDARY SURVEY OF THE PLAT WAS PERFORMED BY WILLIAM P. PETTIT, LS #3243.

ISAACSON & ARFMAN, P.A.

Thomas O. Isaacson 2·22·94

REGISTERED PROFESSIONAL ENGINEER AND LAND SURVEYOR NO. 3895 NEW MEXICO THOMAS O. ISAACSON

THOMAS O. ISAACSON
N.M.P.E. & L.S. #3895
128 MONROE ST NE
(505) 268–8828

746PT4.DWG 02/17/94

LINE TABLE

LINE	DIRECTION	DISTANCE
L1	N 00°01'22" E	38.72'
L2	S 61°51'54" W	51.18'
L3	S 07°43'15" W	46.00'
L4	N 50°11'44" W	46.68'
L5	S 04°01'51" W	46.51'
L6	S 09°08'57" W	46.01'
L7	N 38°47'41" E	46.19'
L8	N 89°45'19" W	4.84'
L9	N 30°01'15" E	35.43'
L10	S 31°43'15" W	119.95'
L11	S 31°43'15" W	120.00'
L12	S 31°43'15" W	55.36'
L13	N 00°01'22" E	65.49'
L14	S 58°16'45" W	60.00'
L15	S 58°16'45" W	42.94'
L16	S 43°21'47" E	70.00'

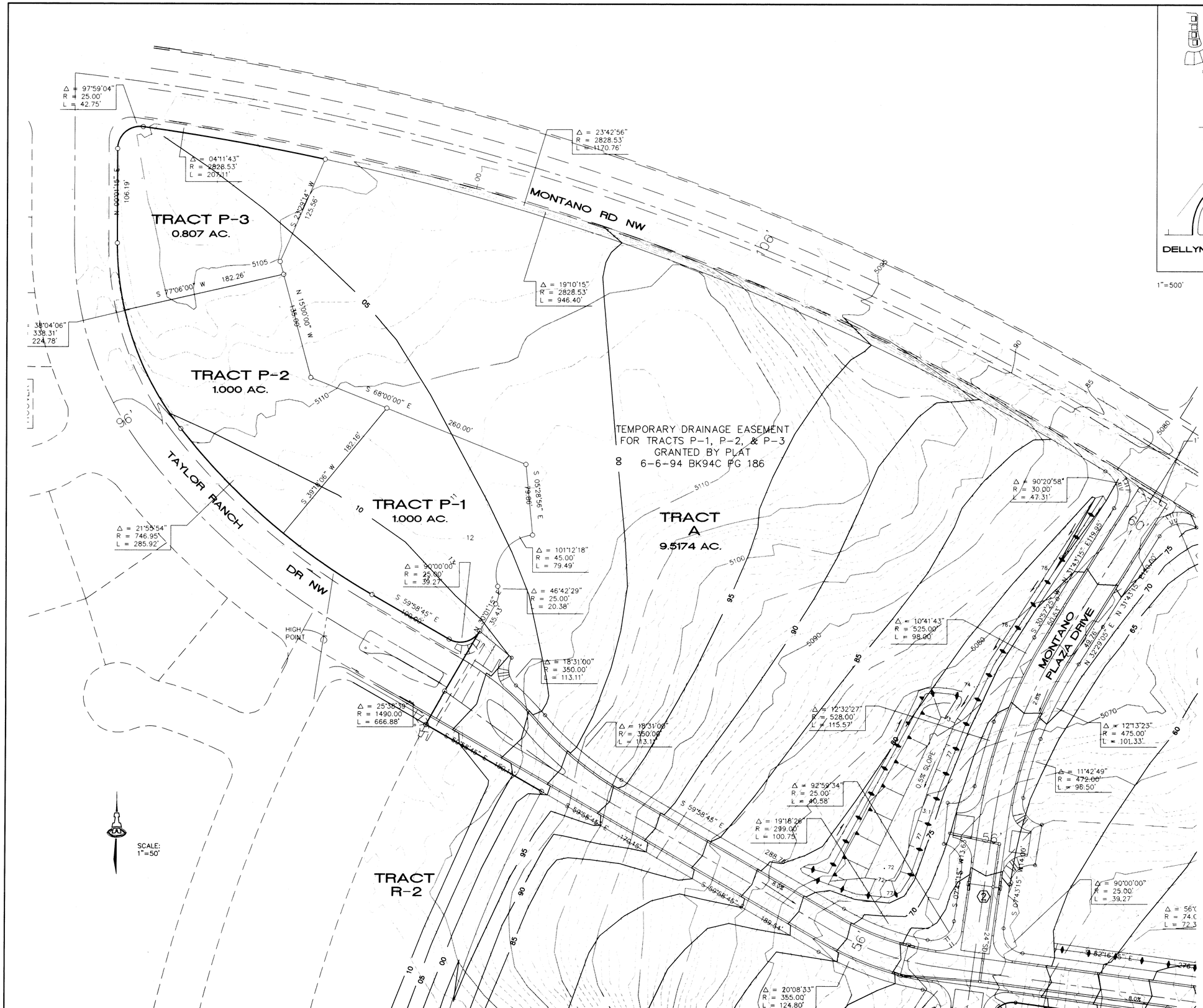
CURVE TABLE

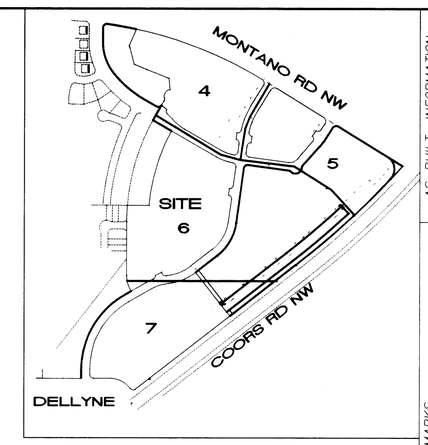
CURVE	DELTA	RADIUS	LENGTH	CHORD	BEARING
C1	05°11'25"	5546.58'	502.46'	502.29'	N 49°23'08" E
C2	90°00'00"	30.00'	47.12'	42.43'	S 76°43'15" W
C3	09°47'55"	407.71'	69.73'	69.64'	N 38°21'37" E
C4	38°12'48"	25.00'	16.67'	16.37'	S 22°36'51" W
C5	132°25'35"	45.00'	104.01'	82.35'	N 69°43'15" E
C6	38°12'48"	25.00'	16.67'	16.37'	N 63°10'21" W
C7	90°00'00"	25.00'	39.27'	35.36'	S 52°43'15" W
C8	44°15'35"	348.00'	268.82'	262.19'	N 29°51'02" E
C9	31°27'01"	378.00'	207.49'	204.89'	N 67°42'21" E
C10	23°24'29"	322.00'	131.55'	130.64'	S 71°43'37" W
C11	36°18'39"	544.00'	344.76'	339.01'	S 41°52'03" W
C12	15°01'51"	542.00'	142.19'	141.78'	S 14°35'49" W
C13	08°39'52"	540.00'	81.66'	81.58'	S 04°21'18" W
C14	89°46'41"	25.00'	39.17'	35.29'	S 44°51'59" E
C15	07°43'54"	378.00'	51.01'	50.97'	S 63°53'19" W
C16	72°32'08"	25.00'	31.65'	29.58'	N 31°29'12" E
C17	99°00'21"	25.00'	43.20'	38.02'	S 48°42'12" E
C18	01°38'14"	378.00'	10.80'	10.80'	S 82°36'44" W
C19	31°27'01"	322.00'	176.75'	174.54'	N 67°42'21" E
C20	44°15'35"	292.00'	225.56'	220.00'	N 29°51'02" E
C21	90°00'00"	25.00'	39.27'	35.36'	N 37°16'45" W
C22	90°00'00"	25.00'	39.27'	35.36'	N 52°43'15" E
C23	87°50'33"	25.00'	38.33'	34.68'	N 36°12'01" W
C24	20°08'28"	355.00'	124.79'	124.15'	S 70°02'58" E
C25	101°12'18"	45.00'	79.49'	69.55'	N 33°54'55" E
C26	46°42'29"	25.00'	20.38'	19.82'	N 06°40'00" E
C27	78°09'24"	25.00'	34.10'	31.52'	S 09°03'26" E
C28	07°38'59"	350.00'	46.73'	46.69'	N 44°18'39" W
C29	18°31'00"	350.00'	113.11'	112.62'	S 49°44'40" E
C30	19°18'20"	299.00'	100.75'	100.27'	S 69°38'01" E
C31	92°59'34"	25.00'	40.58'	36.27'	N 54°13'02" E
C32	86°15'16"	25.00'	37.64'	34.18'	N 35°24'23" W
C33	92°10'06"	25.00'	40.22'	36.02'	N 57°42'47" E
C34	08°37'58"	528.00'	79.55'	79.48'	S 15°56'43" W
C35	11°28'58"	525.00'	105.22'	105.04'	S 25°14'34" W
C36	90°20'58"	30.00'	47.31'	42.56'	N 13°27'14" W
C37	90°00'00"	30.00'	47.12'	42.43'	S 76°43'15" W
C38	11°24'05"	475.00'	94.52'	94.37'	S 26°48'50" W
C39	08°26'08"	472.00'	69.49'	69.43'	S 16°02'38" W
C40	94°06'19"	25.00'	41.06'	36.60'	S 35°13'36" E
C41	90°00'00"	25.00'	39.27'	35.36'	S 52°43'15" W
C42	90°00'00"	25.00'	39.27'	35.36'	S 37°16'45" E
C43	56°00'00"	74.00'	72.33'	69.48'	N 69°43'15" E
C44	96°40'11"	25.00'	42.18'	37.35'	N 08°01'55" W
C45	91°54'44"	25.00'	40.10'	35.94'	S 77°40'37" W
C46	90°00'00"	30.00'	47.12'	42.43'	N 13°16'45" W
C47	09°01'42"	300.00'	47.27'	47.22'	N 36°14'06" E
C48	56°58'18"	101.97'	101.39'	97.27'	N 69°14'06" E
C49	22°18'00"	327.00'	127.27'	126.47'	S 71°07'45" E
C50	24°00'00"	500.00'	209.44'	207.91'	S 19°43'15" W
C51	44°15'35"	320.00'	247.19'	241.09'	N 29°51'02" E
C52	31°27'01"	350.00'	192.12'	189.72'	N 67°42'21" E
C53	23°24'29"	350.00'	142.99'	142.00'	S 71°43'37" W
C54	60°00'00"	572.00'	599.00'	572.00'	S 30°01'22" W
C55	00°20'58"	2828.53'	17.25'	17.25'	S 58°27'02" E
C56	19°10'15"	2828.53'	946.40'	942.00'	N 68°12'50" W
C57	04°11'43"	2828.53'	207.11'	207.07'	N 79°53'49" W
C58	12°55'42"	338.31'	76.34'	76.18'	S 06°26'36" E
C59	25°08'24"	338.31'	148.44'	147.25'	S 25°28'39" E
C60	12°38'39"	746.95'	164.84'	164.51'	S 44°22'11" E
C61	09°17'15"	746.95'	121.08'	120.95'	S 55°20'08" E
C62	29°29'09"	45.00'	23.16'	22.90'	N 18°15'02" E
C63	102°56'26"	45.00'	80.85'	70.41'	N 84°27'50" E
C64	05°11'32"	5616.58'	508.99'	508.82'	S 49°23'04" W
C65	08°44'46"	172.00'	26.26'	26.23'	S 85°22'56" E

SHEET 4 OF 4

PROJECT NO 4018.90 SHEET 8 OF 23

SCANNED BY LASON





1"=500'

VICINITY MAP & SHEET INDEX

LEGEND

- EXISTING CONTOUR
- PROPOSED CONTOUR
- TRACT LINE
- R/W LINE
- EXISTING CURB LINE
- C INTERIOR ROAD
- .73 FLOWLINE ELEV
- 2.8% PROPOSED STREET GRADE
- 2.5' EARTH BERM
- FLOW ARROW

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

746GRD.DWG 6/17/94

AS-BUILT INFORMATION

CONTRACTOR	CGM, INC.	
WORK STAKED BY	ALS, INC.	DATE 4/16
INSPECTOR'S ACCEPTANCE BY		DATE
FIELD VERIFICATION BY	ALS, INC.	DATE 4/16
DRAWINGS CORRECTED BY	ALS, INC.	DATE 4/16

MICRO-FILM INFORMATION

RECORDED BY		DATE
NO.		

BENCH MARKS

ACS BENCHMARK "NM 448-N7A" LOCATED IN THE SOUTH END OF THE MEDIAN IN COORS RD NW NORTH OF MONTANO RD NW

ELEVATION = 5006.41

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE
1	W. PETTIT	2/93

ENGINEER'S SEAL

JEFFREY M. MAGEE
NEW MEXICO
10518
REGISTERED PROFESSIONAL ENGINEER

7-13-94
8-16-94

NO.	DATE	REMARKS	BY

REVISIONS

DESIGN

DESIGNED BY	SMM	DATE
DRAWN BY	ACS	DATE
CHECKED BY	SMM	DATE

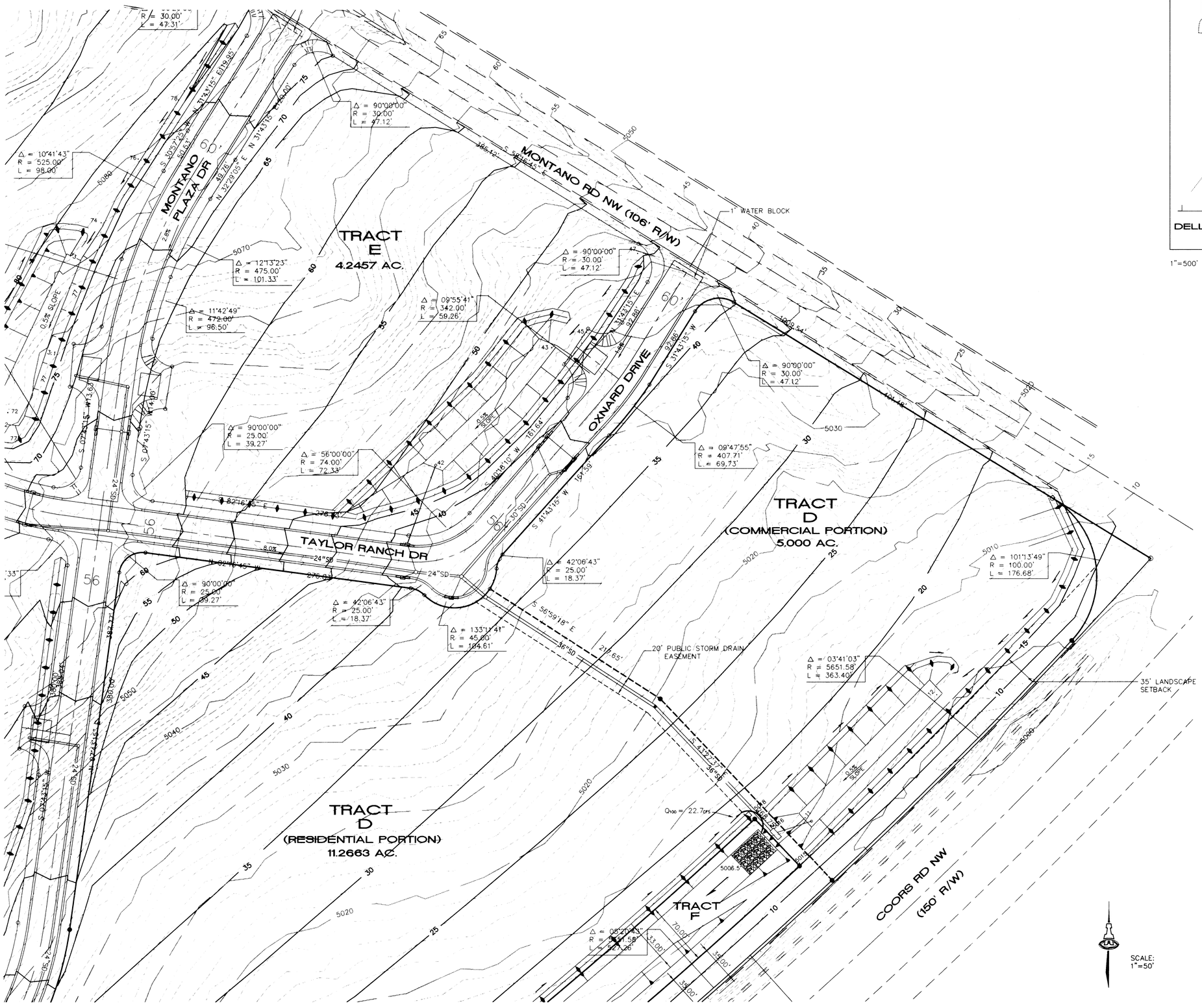
CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

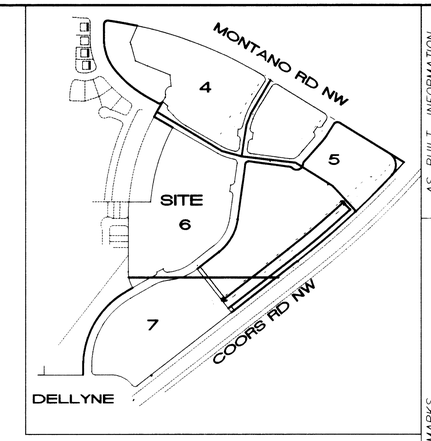
TITLE: TRACT R-1, TAYLOR RANCH
GRADING & DRAINAGE PLAN

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN	B.G. Lindley	9-12-94	WATER	NA	
TRANSPORTATION	NB CAO	8-01-94	WASTE WATER	NA	
HYDROLOGY	LPC	8-17-94			

PROJECT NO.	MAP NO.	SHEET	OF
4918.90	E-12	4	23

SCANNED BY
BY LASON





1"=500'

VICINITY MAP & SHEET INDEX

LEGEND

- EXISTING CONTOUR
- PROPOSED CONTOUR
- TRACT LINE
- R/W LINE
- EXISTING CURB LINE
- C INTERIOR ROAD
- . 73 FLOWLINE ELEV
- 2.8% PROPOSED STREET GRA
- 2.5' EARTH BERM
- FLOW ARROW

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

26-49/18.90 05915

746GRD.DWG 6/17/94

AS-BUILT INFORMATION

CONTRACTOR STAKED BY: CMI, INC. DATE 4/95
INSPECTOR'S ACCEPTANCE BY: ALS, INC. DATE 4/95
FIELD VERIFICATION BY: ALS, INC. DATE 4/95
MARKINGS CORRECTED BY: ALS, INC. DATE 4/95
MICRO-FILM INFORMATION
RECORDED BY: DATE
NO.

BENCH MARKS

ACS BENCHMARK "NM 448-N7A" LOCATED IN THE SOUTH END OF THE MEDIAN IN COORS RD NW NORTH OF MONTANO RD NW

ELEVATION = 5006.41

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE
1	W. PETTIT	2/93

ENGINEER'S SEAL

REGISTERED PROFESSIONAL ENGINEER — T. M. McGEE

7-13-94
8-16-94

NO.	DATE	REMARKS	BY
		REVISIONS	

DESIGNED BY DATE
DRAWN BY DATE
CHECKED BY DATE

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

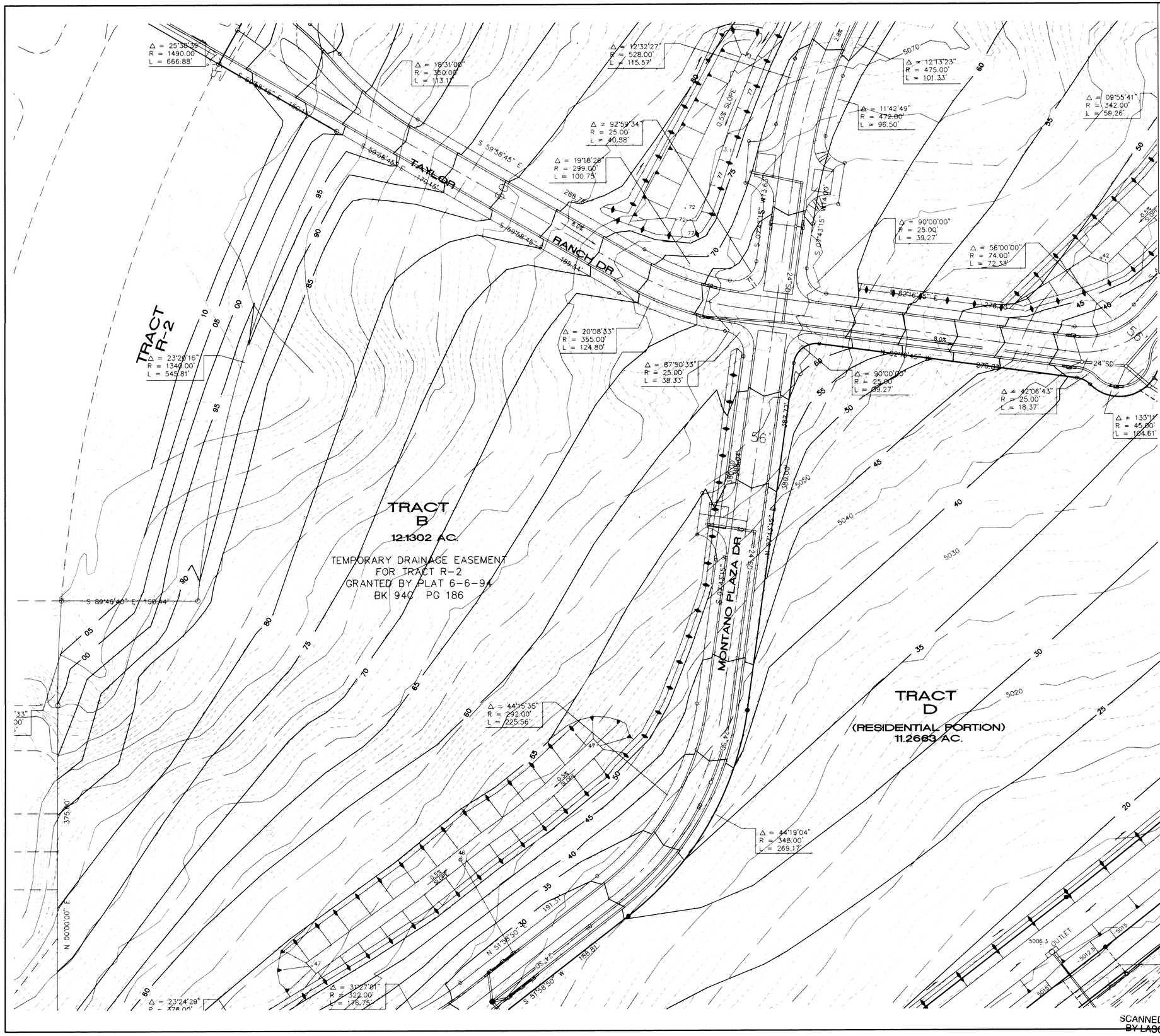
TITLE: TRACT R-1, TAYLOR RANCH
GRADING & DRAINAGE PLAN

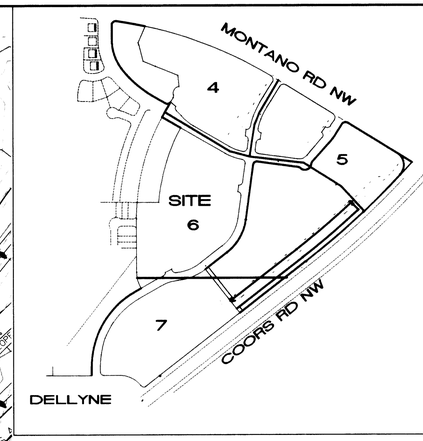
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN		9-12-94	WATER		
TRANSPORTATION		8-09-94	WASTE WATER		
HYDROLOGY		8-16-94			

E- 2

PROJECT NO.	MAP NO.	SHEET	OF
4918.90	E-12	5	23

SCANNED BY BY LASON





1"=500'

VICINITY MAP & SHEET INDEX

SCALE: 1"=50'

LEGEND

- EXISTING CONTOUR
- PROPOSED CONTOUR
- TRACT LINE
- R/W LINE
- EXISTING CURB LINE
- C INTERIOR ROAD
- . 73 FLOWLINE ELEV
- 2.8% PROPOSED STREET GRADE
- 2.5' EARTH BERM
- FLOW ARROW

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

AS-BUILT INFORMATION

CONTRACTOR	J.M. INC.	
WORK STAKED BY	ALS, INC.	DATE 4/15
FIELD VERIFICATION ACCEPTANCE BY	ALS, INC.	DATE 4/15
FIELD VERIFICATION BY	ALS, INC.	DATE 4/15
DRAWINGS CORRECTED BY	ALS, INC.	DATE 4/15
MICRO-FILM INFORMATION		
RECORDED BY		DATE
NO.		

BENCH MARKS

ACS BENCHMARK "NM 448-N7A" LOCATED IN THE SOUTH END OF THE MEDIAN IN COORS RD NW NORTH OF MONTANO RD NW

ELEVATION = 5006.41

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE
1	W. PETTIT	2/93

ENGINEER'S SEAL

STEVEN M. MEAD, REGISTERED PROFESSIONAL ENGINEER, 10519
7-13-94
8-16-94

NO.	DATE	REMARKS
		REVISIONS
		DESIGN

DESIGNED BY — DATE
DRAWN BY — DATE
CHECKED BY — DATE

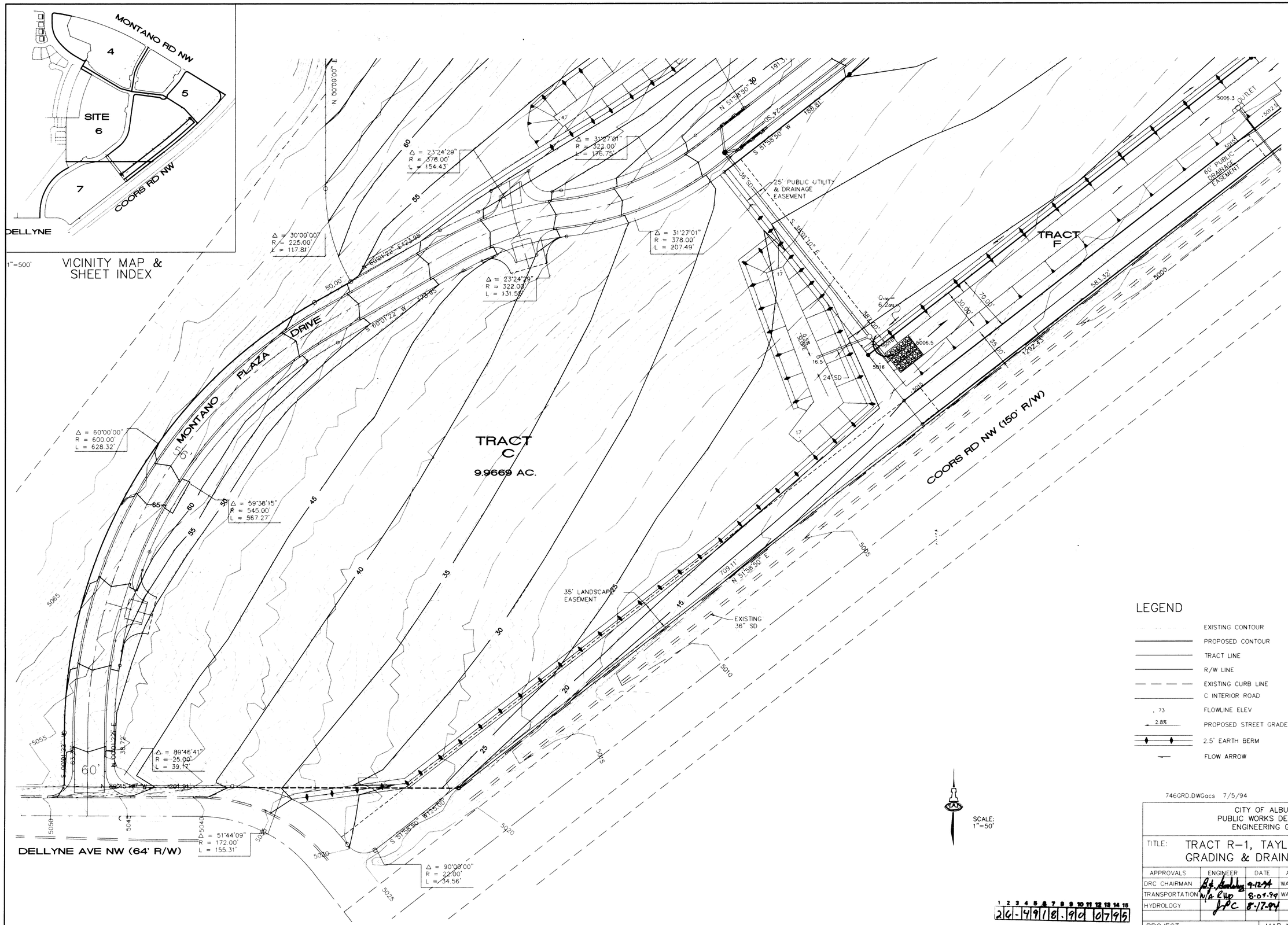
CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: TRACT R-1, TAYLOR RANCH
GRADING & DRAINAGE PLAN

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN		9-12-94	WATER	N/A	
TRANSPORTATION	N/A	8-09-94	WASTE WATER		
HYDROLOGY	JAC	8-16-94			

PROJECT NO.	MAP NO.	SHEET	OF
4918.90	E-12	6	23

SCANNED BY
BY LASON


MONTANO RD NW
4
5
SITE
6
7
COORS RD NW
DELLYNE
1"=500'
VICINITY MAP &
SHEET INDEX
MONTANO PLAZA DRIVE
TRACT C
9.9669 AC.
TRACT F
COORS RD NW (150' R/W)
DELLYNE AVE NW (64' R/W)
25' PUBLIC UTILITY & DRAINAGE EASEMENT
60' PUBLIC DRAINAGE EASEMENT
35' LANDSCAPE EASEMENT
EXISTING 36" SD
OUTLET
Δ = 60°00'00"
R = 600.00'
L = 628.32'
Δ = 59°38'15"
R = 545.00'
L = 567.27'
Δ = 89°46'41"
R = 25.00'
L = 39.17'
Δ = 51°44'09"
R = 172.00'
L = 155.31'
Δ = 90°08'00"
R = 22.00'
L = 34.56'
Δ = 30°00'00"
R = 225.00'
L = 117.81
Δ = 23°24'29"
R = 378.00'
L = 154.43'
Δ = 31°27'01"
R = 322.00'
L = 176.75'
Δ = 23°24'29"
R = 322.00'
L = 131.55'
Δ = 31°27'01"
R = 378.00'
L = 207.49'
N 51°58'50" W
S 51°58'50" W
S 51°58'50" E
N 51°58'50" E
S 60°01'22" W
N 60°01'22" E
S 38°01'10" E
S 60°01'22" W
N 60°01'22" E
S 60°01'22" W
S 51°58'50" W
S 51°58'50" W
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S 51°58'50" W
N 51°58'50" E
N 51°58'50" E
N 51°58'50" E

SEEDING NOTES

1. SEEDING SHALL BE PERFORMED ON ALL AREAS STRIPPED OF VEGETATION INCLUDING ROADWAY EMBANKMENT SLOPES, CUT BACKSLOPES, & DETENTION POND SIDE SLOPES. POND BOTTOM AREAS AND 45-FOOT ROADWAY WIDTHS DO NOT REQUIRE REVEGETATION.

2. SEED MIX AND RATES SHALL BE AS FOLLOWS:

SEED MIX

SPECIES	ORIGIN	LBS. PURE LIVE SEED PER ACRE
ANNUAL RYE	ANY	2
GALLETA GRASS	NEW MEXICO REGION	3
BLUE GRAMA	HACHITA OR LOVINGTON	1
INDIAN RICEGRASS	PALOMA	4
SIDEOATS GRAMA	VAUGHN OR NINER	3
SAND DROPSEED	NEW MEXICO REGION	1
ALKALI SACATON	NEW MEXICO REGION	1
FOURWING SALTBUSH	NEW MEXICO REGION	1 (DEWINGED)
APACHE PLUME	NEW MEXICO REGION	1
	TOTAL	17.0 LBS/ACRE

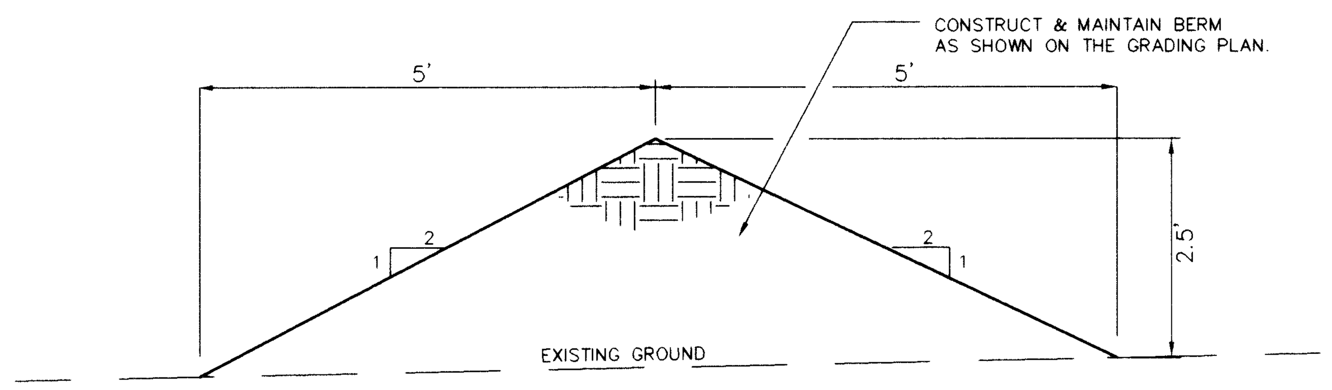
3. THE SEED BED SHALL BE PREPARED TO A MIN. 4" DEPTH, TILLING ACROSS THE SLOPE WHEN PRACTICAL. NO MORE AREA SHALL BE PREPARED THAN CAN BE SEEDED BEFORE THE SURFACE EITHER CRUSTS OR ERODES. IF EROSION OR CRUSTING OCCURS, THE ENTIRE AFFECTED AREA SHALL BE REWORKED.

4. SEEDING SHALL BE PERFORMED UNIFORMLY OVER THE AREA TO BE SEEDED. DRILL SEEDING SHALL BE PERFORMED ACROSS THE SLOPE TO 1/2" DEPTH WITH MAXIMUM FURROW SPACING OF 8". GRASS SEEDING EQUIPMENT SHALL BE IN GOOD WORKING ORDER WITH DOUBLE DISCS OPENERS, DEPTH BANDS, DROP TUBES, PACKER WHEELS, RATE CONTROL ATTACHMENTS AND SHALL BE SUITABLE FOR FLUFFY NATIVE SEEDS. ALL EMBANKMENT AND CUT SLOPES AT 3:1 SHALL BE BROADCAST SEEDED USING A MECHANICAL SEEDER--HYDRO SEEDING WILL NOT BE ALLOWED.

5. NO MORE AREA SHALL BE SEEDED THAN CAN BE MULCHED AND CRIMPED BY THE END OF THE WORK DAY, DURING WHICH SEEDING OCCURRED. NO SEEDING MAY OCCUR WHEN THE WIND SPEED IS GREATER THAN 10 MPH.

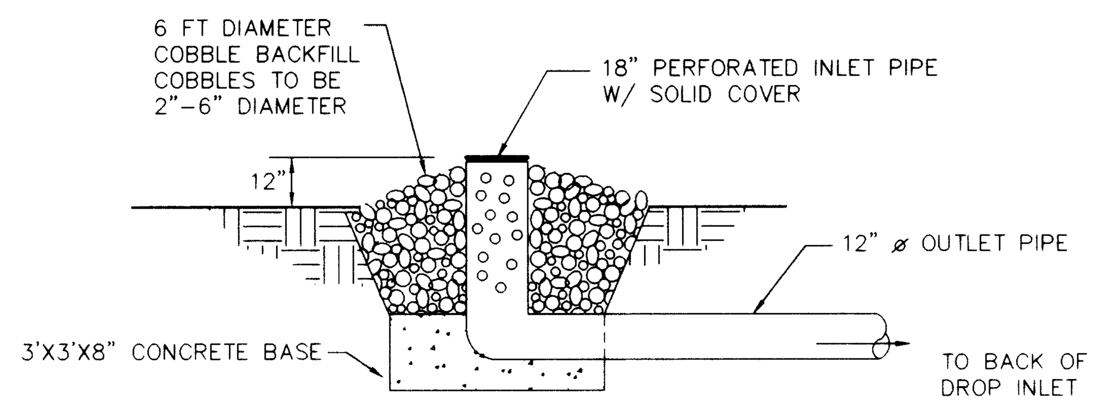
6. ALL SEEDED AREAS SHALL BE MULCHED WITH EITHER SMALL GRAIN STRAW (RYE, BARLEY, WHEAT, OATS) OR HAY AT A MINIMUM OF 1.5 TONS/ACRE. MULCH SHALL CONSIST OF STEMS AND LEAVES PREDOMINANTELY 8" OR LONGER AND SHALL BE SPREAD UNIFORMLY OVER THE AREA. MULCH SHALL BE TORN APART AND FLUFFED BEFORE SPREADING. MULCHING SHALL NOT OCCUR WHEN WIND VELOCITY EXCEEDS 15 MPH.

7. MULCH SHALL BE CRIMPED OR ANCHORED WITH A CRIMPER DISK WITH A SPACING OF NO MORE THAN 8" BETWEEN DISKS. THE DISKS SHALL BE SUFFICIENT DIAMETER TO PREVENT THE FRAME OF THE EQUIPMENT FROM DRAGGING THE MULCH. MULCH ANCHORING SHALL BE TO A MINIMUM DEPTH OF 2 INCHES AND SHALL NOT BE COVERED WITH EXCESSIVE AMOUNTS OF SOILD. ANCHORING OPERATIONS SHALL BE ACROSS THE SLOPE WHERE PRACTICAL WITH NO MORE THAN TWO PASSES OF THE ANCHORING EQUIPMENT. CRIMP ALIGNMENT SHALL BE GENERALLY IN A N–S DIRECTION OR 90° TO THE DIRECTION OF PREVAILING WINDS. IF SHAPE, CONTOUR, OR OTHER PHYSICAL LIMITATION PREVENTS USE OF THE CRIMP ALIGNMENT SPECIFIED ABOVE, CRIMPING SHALL BE EITHER CROSS-MATCHED OR DONE IN INTERLOCKING SERPENTINE OR "S" CURVES SO THAT CRIMP LINES ARE NOT ALIGNED WITH PREVAILING WINDS. WHEN SLOPES PREVENT THE USE OF CRIMPING MACHINES, HAND CRIMPING SHALL BE EMPLOYED. SOIL RETENTION BLANKETS MAY BE UTILIZED IN PLACE OF CRIMPING FOR HAND CRIMPING AREAS.



EROSION CONTROL BERM

SCALE: 1"=2'



TEMPORARY POND OUTLET

NTS

GRADING NOTES

1. ALL TRASH, DEBRIS, & SURFACE VEGETATION SHALL BE CLEARED AND LEGALLY DISPOSED OFFSITE.

2. ALL SUBGRADE AND FILL SHALL BE COMPACTED TO A MINIMUM OF 90% ASTM D-1557.

3. EXCAVATION IS UNCLASSIFED AND INCLUDES EXCAVATION TO SUBGRADE ELEVATIONS INDICATED, REGARDLESS OF CHARACTER OF MATERIALS ENCOUNTERED.

4. CONFORM TO ELEVATIONS AND DIMENSIONS SHOWN ON PLANS WITHIN A TOLERANCE OF 0.3 ± FEET.

5. SCARIFY AND COMPACT SUBGRADE FOR FILLS. PLACE FILL MATERIALS IN LAYERS NOT MORE THAN 8" IN LOOSE DEPTH. MOISTEN AS NECESSARY TO PROVIDE OPTIMUM MOISTURE (±2%) CONTENT.

6. TOPSOIL ENCOUNTERED WHICH IS UNACCEPTABLE FILL MATERIAL SHALL BE STRIPPED AND SPREAD OVER 3:1 SLOPED AREAS WITHIN 35-FOOT LANDSCAPE EASEMENT SHOWN ALONG COORS RD NW.

7. UNIFORMLY GRADE AREAS WITHIN LIMITS OF GRADING AS SHOWN ON PLAN. SMOOTH FINISHED SURFACE WITHIN SPECIFIED TOLERANCE, COMPACT WITH UNIFORM SLOPES BETWEEN POINTS WHERE ELEVATIONS ARE INDICATED.

8. MAXIMUM SLOPES SHALL BE 3:1; MINIMUM SLOPES SHALL BE 1% (0.5% SLOPE IN DETENTION POND BOTTOMS).

9. TWO (2) WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT NEW MEXICO ONE CALL SYSTEM, 260-1990, FOR LOCATION OF EXISTING UTILITIES.

10. IF ANY UTILITY LINES, PIPELINES, OR UNDERGROUND UTILITY LINES ARE SHOWN ON THESE DRAWINGS, THEY ARE SHOWN IN AN APPROXIMATE MANNER ONLY, AND SUCH LINES MAY EXIST WHERE NONE ARE SHOWN. IF ANY SUCH EXISTING LINES ARE SHOWN, THE LOCATION IS BASED UPON INFORMATION PROVIDED BY THE OWNER OF SAID UTILITY, AND THE INFORMATION MAY BE INCOMPLETE, OR MAY BE OBSOLETE BY THE TIME CONSTRUCTION COMMENCES. THE ENGINEER HAS CONDUCTED ONLY PRELIMINARY INVESTIGATION OF THE LOCATION, DEPTH, SIZE, OR TYPE OF EXISTING UTILITY LINES, PIPELINES, OR UNDERGROUND UTILITY LINES. THIS INVESTIGATION IS NOT CONCLUSIVE, AND MAY NOT BE COMPLETE, THEREFORE, MAKES NO REPRESENTATION PERTAINING THERETO, AND ASSUMES NO RESPONSIBILITY OR LIABILITY THEREFOR. THE CONTRACTOR SHALL INFORM ITSELF OF THE LOCATION OF ANY UTILITY LINE, PIPELINE, OR UNDERGROUND 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, PIPELINES, AND UNDERGROUND UTILITY LINES. IN PLANNING AND CONDUCTING EXCAVATION, THE CONTRACTOR SHALL COMPLY WITH STATE STATUTES, MUNICIPAL AND LOCAL *ORDINANCES, RULES AND REGULATIONS, IF ANY, PERTAINING TO THE LOCATION OF THESE LINES AND FACILITIES.*

11. THE CONTRACTOR SHALL ENSURE THAT NO SOIL ERODES FROM THE SITE INTO PUBLIC RIGHT-OF-WAY OR ONTO PRIVATE PROPERTY. THIS CAN BE ACHIEVED BY CONSTRUCTING EROSION CONTROL BERMS AT THE PROPERTY LINES (AS SHOWN BELOW) AND WETTING THE SOIL TO KEEP IT FROM BLOWING.

12. THE CONTRACTOR SHALL PROMPTLY CLEAN UP ANY MATERIAL EXCAVATED WITHIN THE PUBLIC RIGHT-OF-WAY SO THAT THE EXCAVATED MATERIAL IS NOT ERODED AND WASHED DOWN THE STREET.

13. OWNER WILL PROVIDE SOIL TESTING AND INSPECTION SERVICES DURING EARTHWORK OPERATIONS. ALLOW TESTING SERVICE TO INSPECT AND APPROVE COMPACTED SUBGRADES AND FILL LAYERS BEFORE FURTHER CONSTRUCTION WORK IS DONE. SHALL COMPACTION TESTS INDICATE INADEQUATE DENSITY, CONTRACTOR SHALL PROVIDE ADDITIONAL COMPACTION AND TESTING AT NO ADDITIONAL EXPENSE.

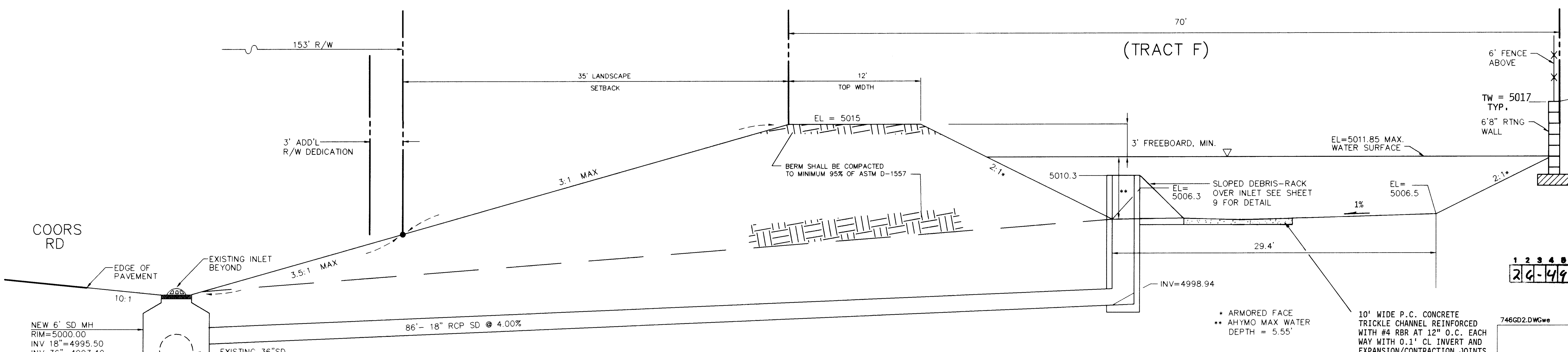
14. OWNER HAS ESTABLISHED SUBDIVISION BOUNDARY CORNERS. CONTRACTOR SHALL PROVIDE ALL OTHER CONSTRUCTION STAKING INCLUDING TRACT CORNERS. CONTRACTOR SHALL LOCATE AND PRESERVE ALL BOUNDARY CORNERS AND REPLACE ANY LOST OR DISTURBED CORNERS.

EROSION CONTROL

1. CONTRACTOR SHALL BUILD A SEDIMENTATION/DETENTION POND FOR EACH TRACT AS A PART OF THE ROUGH GRADING PROCESS.

2. EACH TRACT WILL REQUIRE ITS OWN EROSION CONTROL PLAN IN CONJUNCTION WITH PROPOSED GRADING PLAN ASSOCIATED WITH FURTHER DEVELOPMENT.

3. THE CONTRACTOR SHALL SECURE "TOPSOIL DISTURBANCE PERMIT" FROM CITY ENVIRONMENTAL HEALTH DEPARTMENT PRIOR TO BEGINNING CONSTRUCTION. AN EXCAVATION PERMIT IS REQUIRED FOR ALL WORK WITHIN PUBLIC RIGHT-OF-WAY.



TRACT F SECTION (DEDICATED DRAINAGE FACILITY)

1"=5'

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

AS-BUILT INFORMATION

CONTRACTOR	CCM INC.	
WORK STAKED BY	ALS, INC.	DATE 4/95
INSPECTOR'S ACCEPTANCE BY		DATE
FIELD VERIFICATION BY	ALS, INC.	DATE 4/95
DRAWINGS CORRECTED BY	ALS, INC.	DATE 4/95

MICRO-FILM INFORMATION

RECORDED BY	DATE
NO.	

BENCH MARKS

ACS BENCHMARK "NM 448-N7A" LOCATED IN THE SOUTH END OF THE MEDIAN IN COORS RD NW NORTH OF MONTANO RD NW

ELEVATION = 5006.41

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE
1	W. PETTIT	2/93

ENGINEER'S SEAL

SCOTT M. McGEE NEW MEXICO 10519 REGISTERED PROFESSIONAL ENGINEER

Scott M. McGee 7-13-94 8-16-94

REVISIONS

NO.	DATE	REMARKS	BY

DESIGN

DESIGNED BY	SMM	DATE	5/94
DRAWN BY	ANW	DATE	5/94
CHECKED BY		DATE	

746GD2.DWGwe 7/8/94

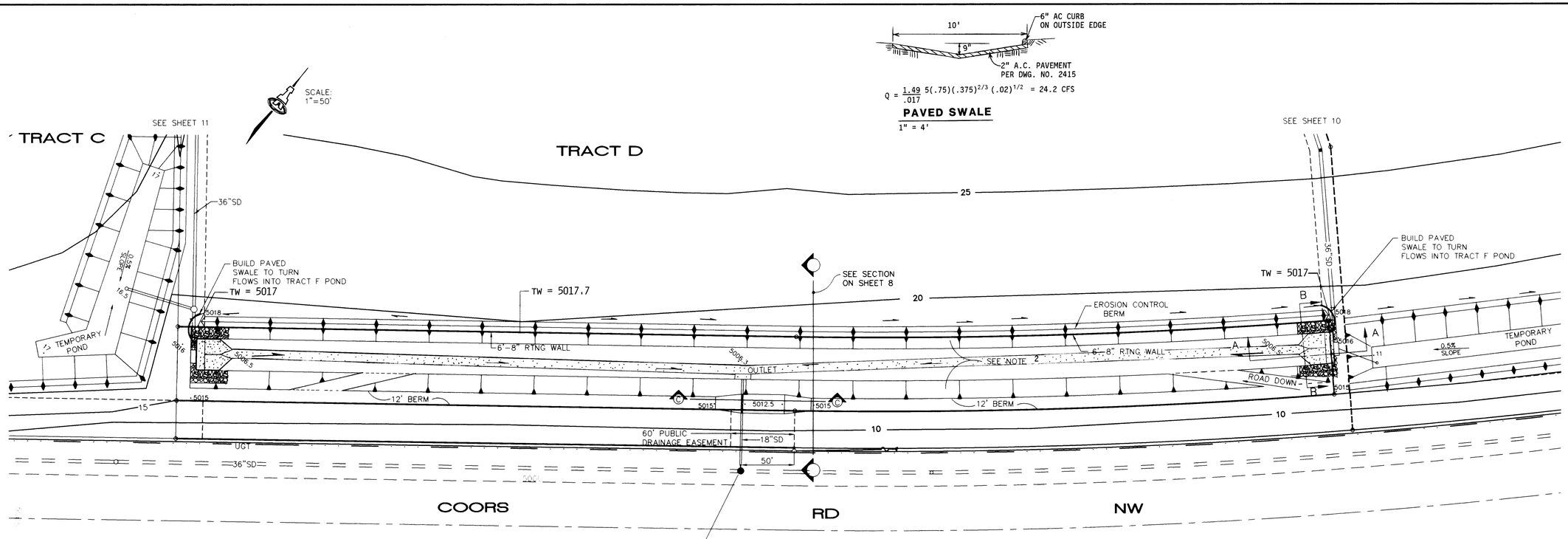
CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: TRACT R–1, TAYLOR RANCH
GRADING NOTES & DETAILS

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN	B.G. Goolsby	9-12-94	WATER	N/A	
TRANSPORTATION	NRD	8-09-94	WASTE WATER	GBR	2 Aug 94
HYDROLOGY	JPC	8-17-94			

PROJECT NO.	4918.90	MAP NO.	E–12	SHEET 8 OF 23

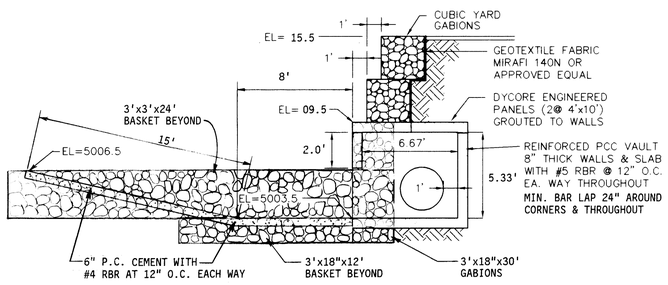
SCANNED BY
BY LASON



$Q = \frac{1.49}{.017} 5(.75)(.375)^{2/3}(.02)^{1/2} = 24.2$ CFS

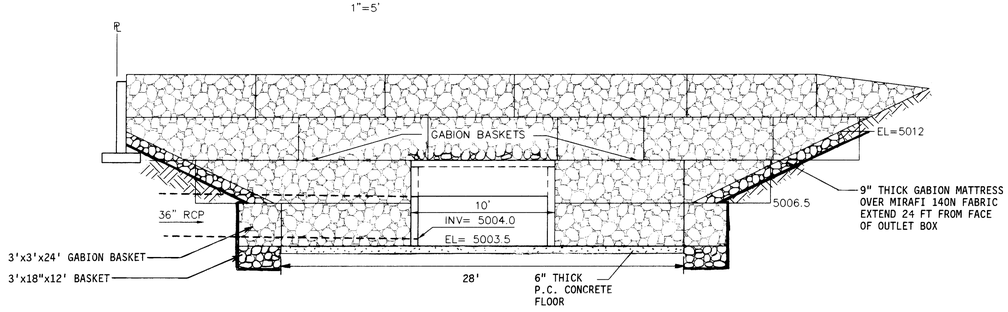
PAVED SWALE

1" = 4'



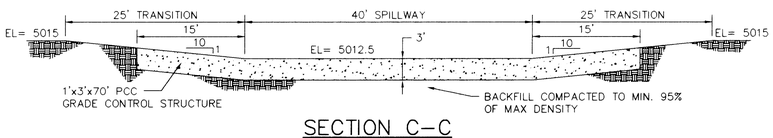
SECTION A–A

1"=5'



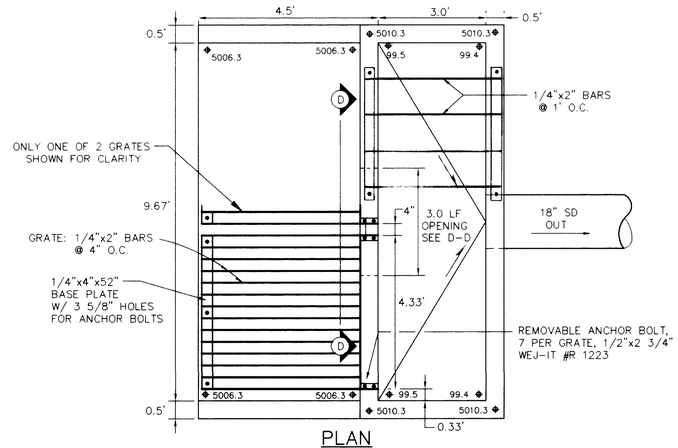
SECTION B–B

1"=5'

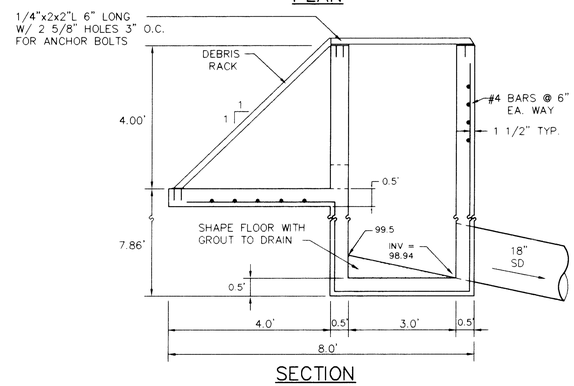


SECTION C–C

1"=10'



PLAN



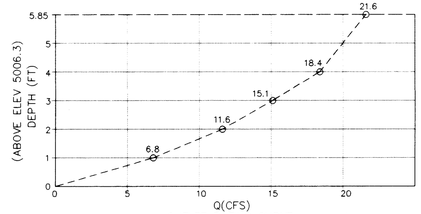
SECTION

DETENTION BASIN OUTLET

1"=2'

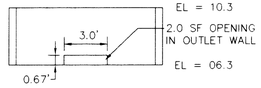
NOTES

1. NO FLOWS WILL BE ALLOWED TO ENTER POND ALONG THE WEST SIDE.
2. 6" THICK GRAVEL SURFACING SHALL BE PROVIDED ON ALL EARTH SLOPES WITHIN BASIN BELOW ELEV = 5012.



OUTLET RATING CURVE

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



SECTION D–D

1"=5'

SCANNED BY BY LASON

AS-BUILT INFORMATION

CONTRACTOR	CCM, INC.		
WORK STAKED BY	ACS, INC.	DATE	4/16
SUPERVISED INSPECTION BY		DATE	
ACCEPTANCE BY			
FIELD VERIFICATION BY	ACS, INC.	DATE	4/15
DRAWINGS CORRECTED BY	ACS, INC.	DATE	4/15

MICRO-FILM INFORMATION

RECORDED BY	DATE
NO.	

BENCH MARKS

ACS BENCHMARK "NM 448-N7A" AN ALUMINUM TABLET SET IN THE CONCRETE MEDIAN NOSE OF COORS ROAD NW, 62 FEET NORTH OF THE CENTERLINE OF MONTANO RD NW.

ELEVATION = 5006.41

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE
1	W.P.	2/93

ENGINEER'S SEAL

SCOTT M. McGEE NEW MEXICO 10519 REGISTERED PROFESSIONAL ENGINEER

7-13-94
8-16-94

NO.	DATE	REMARKS	BY
		REVISIONS	

DESIGNED BY — DATE
DRAWN BY — DATE
CHECKED BY — DATE

ISAACSON & ARFMAN, P.A.
Consulting Engineering Associates
128 Monroe Street N.E.
Albuquerque New Mexico

746UTL6.DWGacs 7/14/94

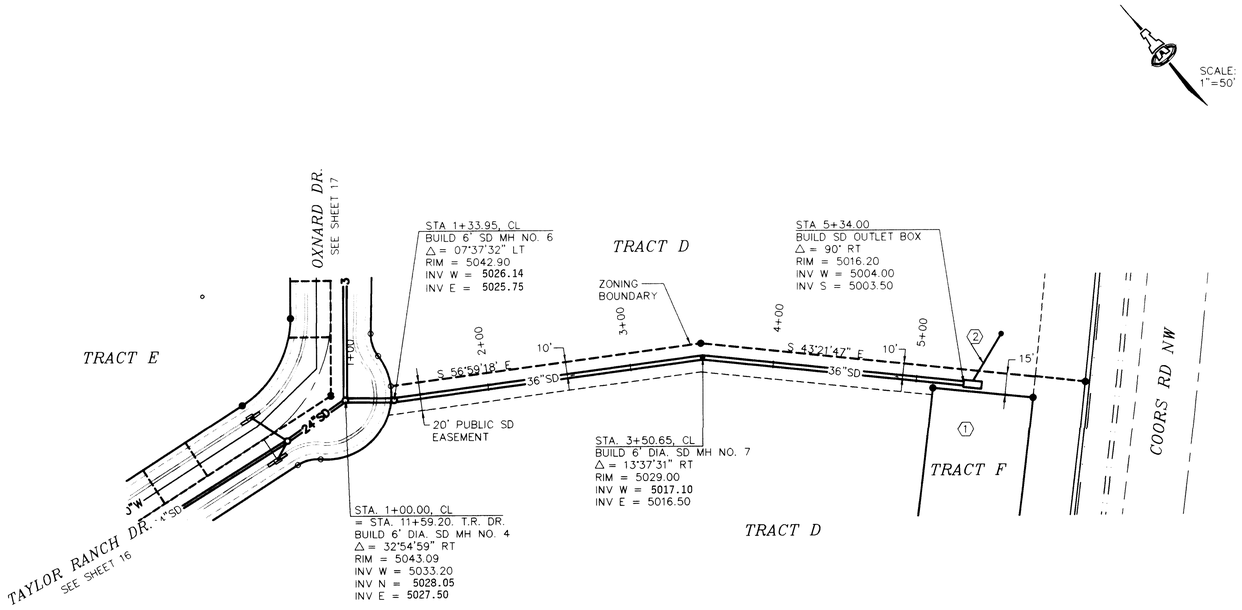
CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: *TAYLOR RIDGE SUBDIVISION*

TRACT F
DETENTION BASIN

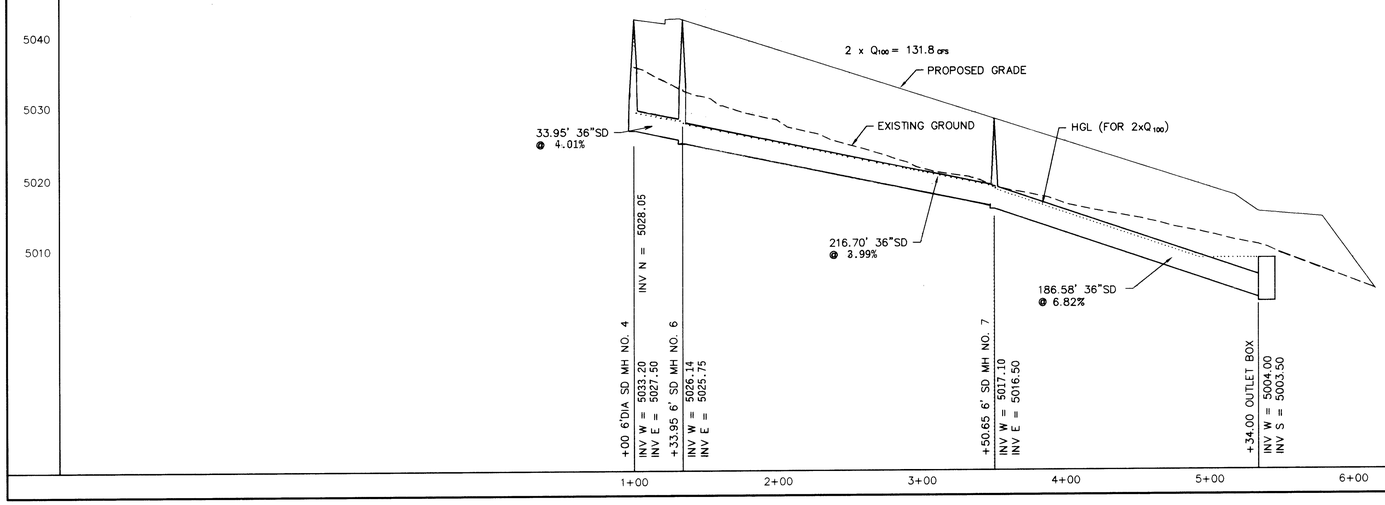
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN		9-12-94	WATER	N/A	
TRANSPORTATION	N/A	8-04-94	WASTE WATER	N/A	
HYDROLOGY		8-17-94			

PROJECT NO.	MAP NO.	SHEET	OF
4918.90	E-12	9	23



NORTH STORM DRAIN

SCALE:
1" = 50' H.
1" = 10' V.



SCANNED BY
BY LASON

KEYED CONSTRUCTION NOTES

1. SEE SHEET 9 FOR TRACT F DETENTION POND DESIGN
2. MINOR DRAIN SHOWN IS OUTFALL FROM INTERIM DETENTION POND ON TRACT D.

GENERAL NOTES

1. STATIONING SHOWN IS ALONG CL OF 20' PUBLIC SD EASEMENT.

AS-BUILT INFORMATION

CONTRACTOR	CDI, INC.	DATE 4/95
WORK STAKED BY	ALS, INC.	DATE 4/95
WORK WAS INSPECTED FOR ACCEPTANCE BY		DATE
FIELD LOCATION BY	ALS, INC.	DATE 4/95
DRAWINGS CORRECTED BY	ALS, INC.	DATE 4/95

MICRO-FILM INFORMATION

RECORDED BY	
DATE	
NO.	

BENCH MARKS

ACS BENCHMARK "NM 448-N7A". AN ALUMINUM TABLET SET IN THE CONCRETE MEDIAN NOSE OF COORS ROAD NW, 62 FEET NORTH OF THE CENTERLINE OF MONTANO RD NW.

ELEVATION = 5006.41

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE
1	W.P.	2/93

ENGINEER'S SEAL

SCOTT M. McFEE
NEW MEXICO
10391
REGISTERED PROFESSIONAL ENGINEER
Scott M. McFee 7-13-94

NO.	DATE	REMARKS	BY

REVISIONS

DESIGN

DESIGNED BY DATE
DRAWN BY DATE
CHECKED BY DATE

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

ISAACSON & ARFMAN, P.A.
Consulting Engineering Associates
128 Monroe Street N.E.
Albuquerque New Mexico

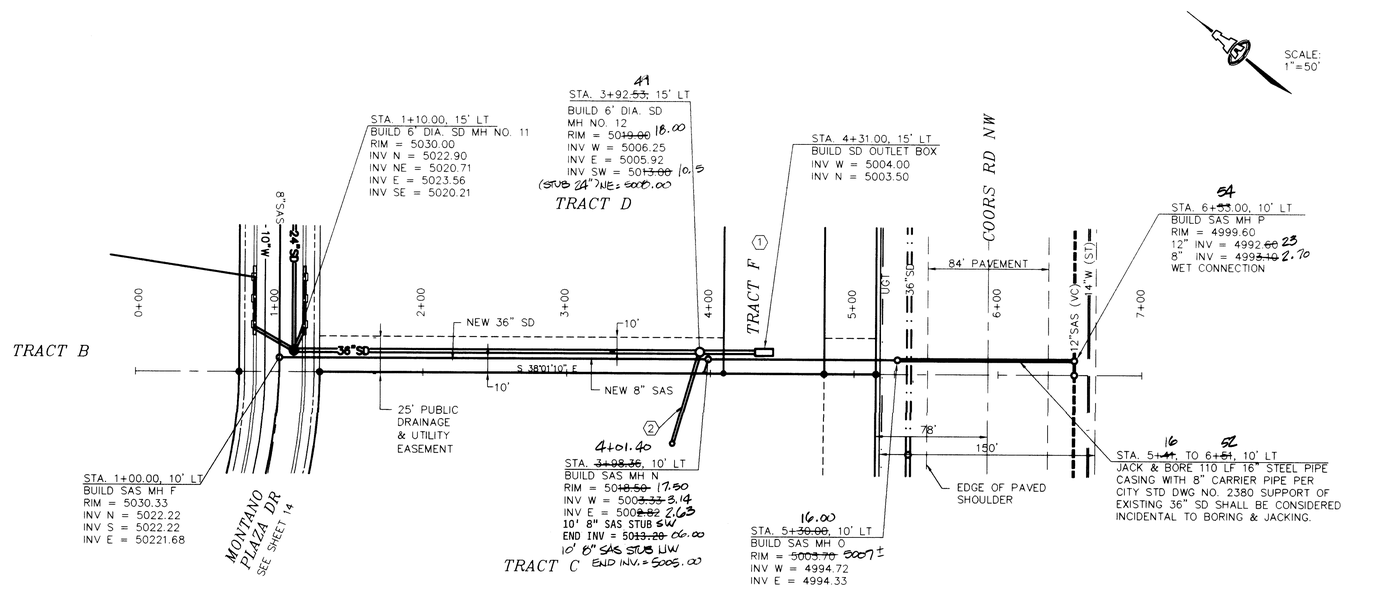
746PV7.DWG we 7/8/94

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: TAYLOR RIDGE SUBDIVISION
NORTH STORM DRAIN
PLAN & PROFILE

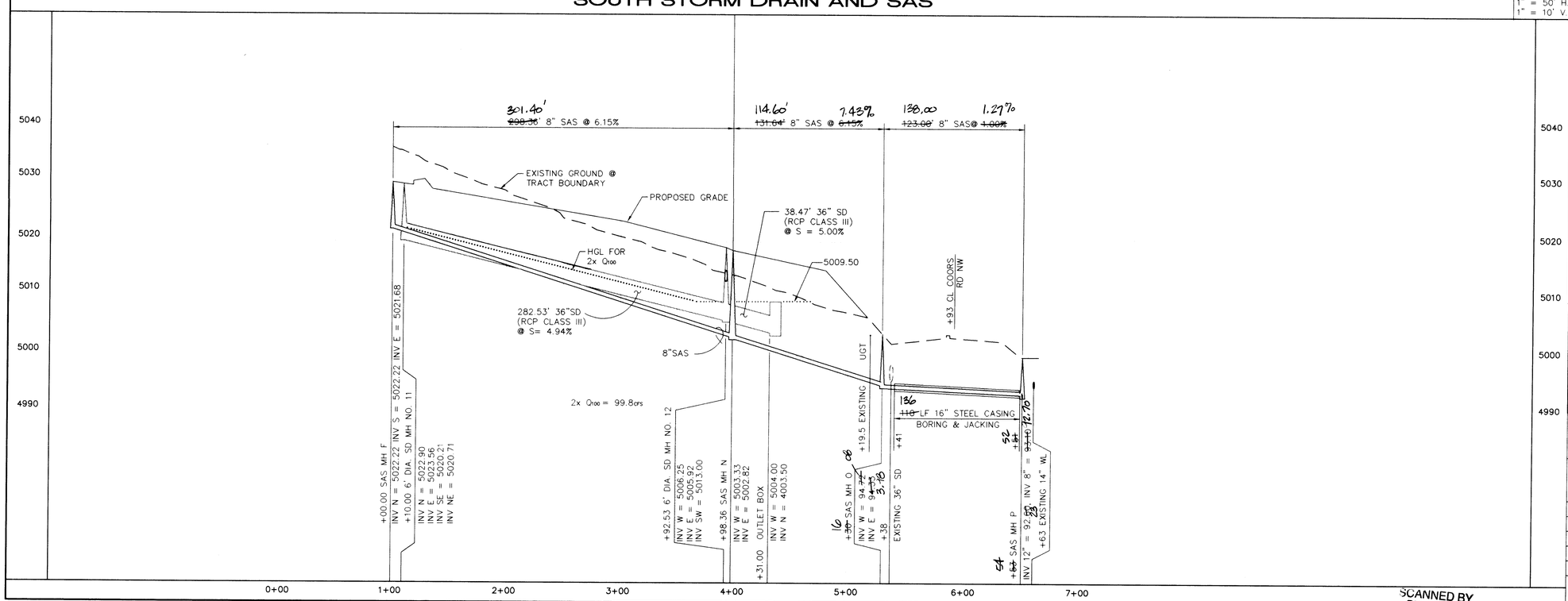
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN		7-12-94	WATER	N/A	
TRANSPORTATION	N/A	8-04-94	WASTE WATER		
HYDROLOGY		8-17-94			

PROJECT NO.	MAP NO.	SHEET	OF
4918.90	E-12	10	23



SOUTH STORM DRAIN AND SAS

SCALE:
1" = 50' H.
1" = 10' V.



SCANNED BY
BY LASON

KEYED CONSTRUCTION NOTES

1. SEE SHEET 9 FOR TRACT F DETENTION POND DESIGN.
2. BUILD 65 LF STUB OF 24" SD (BEARING: S 68°30'00" W) AS OUTFALL FOR INTERIM DETENTION POND ON TRACT C.

GENERAL NOTES

1. STATIONING SHOWN IS ALONG TRACT BOUNDARY.

AS-BUILT INFORMATION

CONTRACTOR	CMI, INC.	
WORK STAKED BY	ALS, INC.	DATE 4/15
INSPECTOR'S ACCEPTANCE BY		DATE
FIELD VERIFICATION BY	ALS, INC.	DATE 4/15
DRAWINGS CORRECTED BY	ALS, INC.	DATE 4/15

MICRO-FILM INFORMATION

RECORDED BY	
DATE	
NO.	

BENCH MARKS

ACS BENCHMARK "NM 448-N7A", AN ALUMINUM TABLET SET IN THE CONCRETE MEDIAN NOSE OF COORS ROAD NW, 62 FEET NORTH OF THE CENTERLINE OF MONTANO RD NW.

ELEVATION = 5006.41

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE
1	W.P.	2/93

ENGINEER'S SEAL

SCOTT M. McGEE
NEW MEXICO
10519
REGISTERED PROFESSIONAL ENGINEER
7-14-94

NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	

DESIGNED BY DATE
DRAWN BY DATE
CHECKED BY DATE

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

ISAACSON & ARFMAN, P.A.
Consulting Engineering Associates
128 Monroe Street N.E.
Albuquerque New Mexico

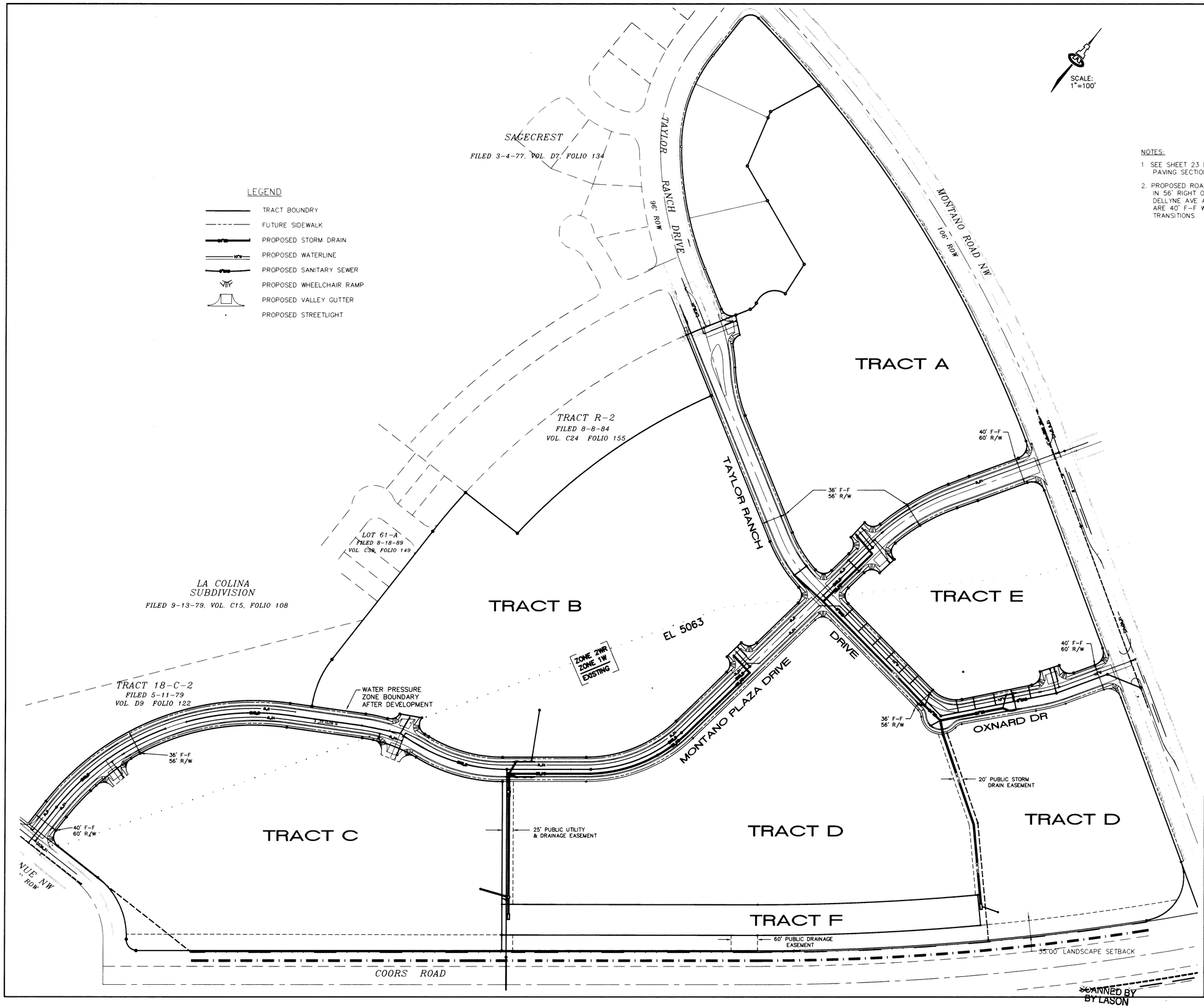
746PV6.DWG 7/14/94

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: TAYLOR RIDGE SUBDIVISION
SOUTH STORM DRAIN & SANITARY SEWER
PLAN & PROFILE

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN		9-12-94	WATER		
TRANSPORTATION	KHZ	8-09-94	WASTE WATER		
HYDROLOGY	PC	8-17-94			

PROJECT NO.	MAP NO.	SHEET	OF
4918.90	E-12	11	23



NOTES:

1. SEE SHEET 23 FOR TYPICAL STREET SECTION, PAVING SECTIONS & MEDIAN MODIFICATIONS.
2. PROPOSED ROADS ARE 36' FACE TO FACE (F-F) IN 56' RIGHT OF WAY (R/W). WITHIN 150' OF DELLYNE AVE AND MONTANO ROAD, ROADS ARE 40' F-F WITHIN 60' R/W WITH 150' LONG TRANSITIONS.

AS-BUILT INFORMATION

CONTRACTOR STAKED BY	CMI, INC.	DATE 4/95
INSPECTOR'S ACCEPTANCE BY	ALS, INC.	DATE 4/95
FIELD VERIFICATION BY	ALS, INC.	DATE 4/95
DRAWINGS CORRECTED BY	ALS, INC.	DATE 4/95

MICRO-FILM INFORMATION

RECORDED BY	DATE
NO.	

BENCH MARKS

ACS BENCHMARK "NM 448-N7A", AN ALUMINUM TABLET SET IN THE CONCRETE MEDIAN NOSE OF COORS ROAD NW, 62 FEET NORTH OF THE CENTERLINE OF MONTANO RD NW.

ELEVATION = 5006.41

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE
1	W.P.	2/93

ENGINEER'S SEAL

ROBERT H. MAGEE, NEW MEXICO, 10519, REGISTERED PROFESSIONAL ENGINEER

7-13-94

NO.	DATE	REMARKS	BY

REVISIONS

DESIGNED BY — DATE
DRAWN BY — DATE
CHECKED BY — DATE

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

ISAACSON & ARFMAN, P.A.
Consulting Engineering Associates
128 Monroe Street N.E.
Albuquerque New Mexico

746PMSTR.DWGwe 7/13/94

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

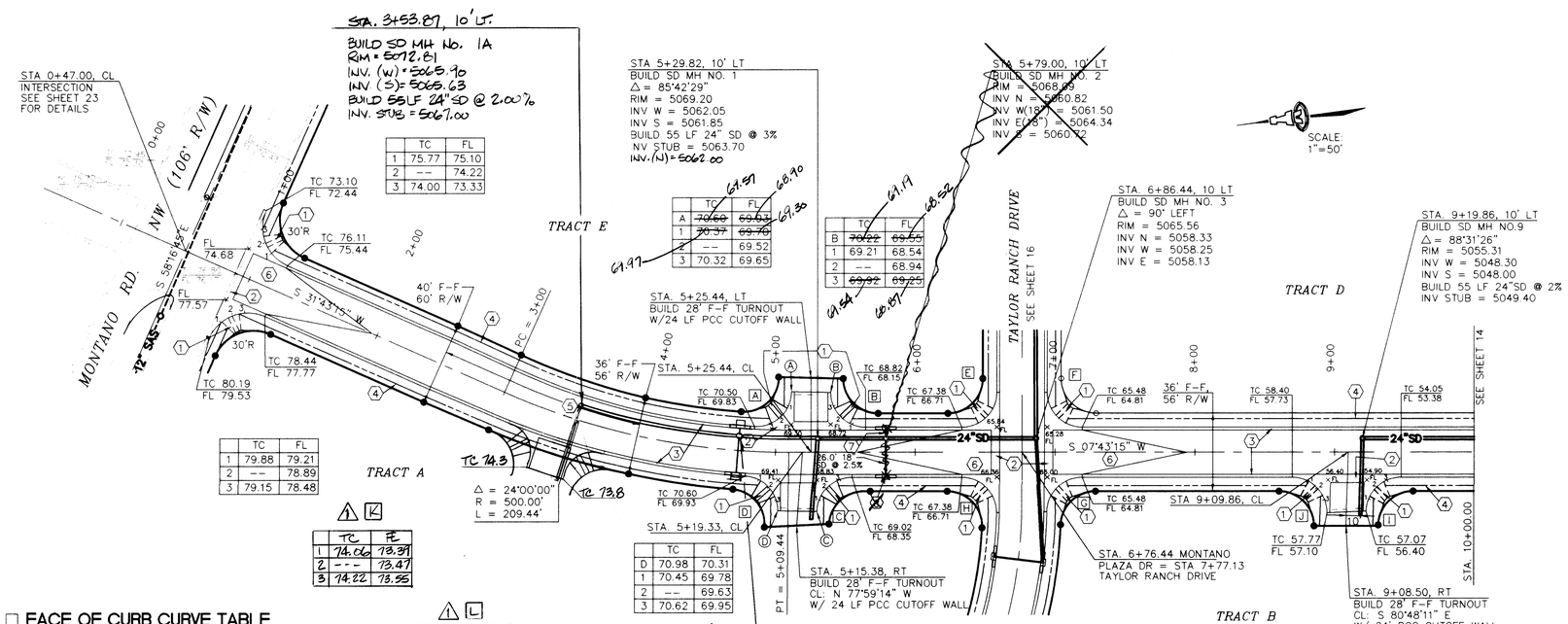
TITLE: TAYLOR RIDGE SUBDIVISION

MASTER PAVING AND UTILITY PLAN

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN		7-12-94	WATER		
TRANSPORTATION		8-09-94	WASTE WATER		2/April
HYDROLOGY		8-17-94			

PROJECT NO.	MAP NO.	SHEET	OF
4918.90	E-12	12	23

SCANNED BY BY LASON



	TC	FL
1	75.77	75.10
2	--	74.22
3	74.00	73.33

	TC	FL
A	~~70.60~~	~~69.93~~
1	~~70.37~~	~~69.70~~
2	--	69.52
3	70.32	69.65

	TC	FL
B	~~70.22~~	~~69.55~~
1	69.21	68.54
2	--	68.94
3	~~69.92~~	~~69.25~~

	TC	FL
1	79.88	79.21
2	--	78.89
3	79.15	78.48

	TC	FL
1	74.06	73.39
2	---	73.47
3	74.22	73.55

	TC	FL
1	73.50	72.83
2	---	72.53
3	72.90	72.23

	TC	FL
D	70.98	70.31
1	70.45	69.78
2	--	69.63
3	70.62	69.95

	TC	FL
C	70.40	69.73
1	70.06	69.39
2	--	69.04
3	69.37	68.70

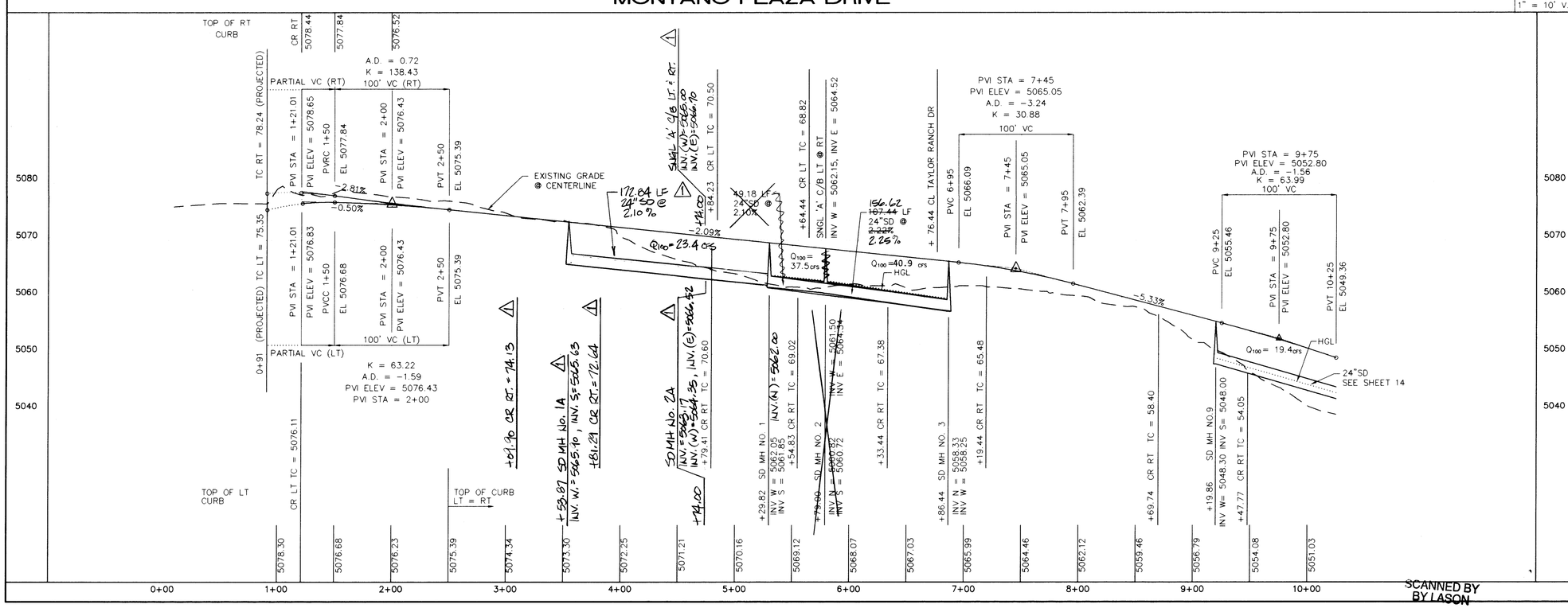
	TC	FL
1	57.89	57.22
2	--	56.70
3	57.53	56.86

	TC	FL
1	56.43	55.76
2	--	55.12
3	54.92	54.25

☐ FACE OF CURB CURVE TABLE

CURVE	DELTA	RADIUS	LENGTH
A	92°42'32"	25.00'	40.45'
B	90°00'00"	25.00'	39.27'
C	89°12'08"	25.00'	38.92'
D	86°33'33"	25.00'	37.77'
E	90°00'00"	25.00'	39.27'
F	90°00'00"	25.00'	39.27'
G	89°19'59"	25.00'	38.98'
H	90°52'07"	25.00'	39.65'
I	88°31'26"	25.00'	38.63'
J	91°28'34"	25.00'	39.91'

MONTANO PLAZA DRIVE



SCANNED BY BY LASON

KEYED CONSTRUCTION NOTES

1. CONSTRUCT 4" THICK PCC SIDEWALK TRANSITIONS TO HANDICAP ACCESS RAMP & PCC RAMP PER STD. DWG. 2441.
2. CONSTRUCT PCC VALLEY GUTTER PER STD. DWG. 2420.
3. BUILD STD. PCC CURB & GUTTER PER STD. DWG. 2415.
4. ALL 4' PCC SIDEWALK IS FUTURE (NOT IN THIS CONTRACT) EXCEPT FOR SHOWN WHEELCHAIR RAMPS.
5. TRANSITION ROAD WIDTH FROM 40' TO 36' F-F FROM STA. 2+50 TO STA 4+00.
6. NO CROWN TRANSITION 75' MIN. LENGTH.
7. EAST CURB CATCH BASIN INVERT = ~~5064.52~~ 5066.70 WITH 6.0 LF 18" SD CONNECTOR PIPE @ 3.0% TO SD MH NO. 2A.
8. BUILD 2 SINGLE 'A' CATCH BASINS AT STA ~~5+79~~ 4+74.00 WITH TOP OF GRATE EL=~~5067.02~~ 69.82

GENERAL NOTES

1. SEE SHEET 23 FOR TYPICAL STREET SECTION & PAVING SECTION
2. SEE SHEET 16 FOR 1/4 PT ELEVATIONS ON CURB RETURNS AT INTERSECTION OF MONTANO PLAZA DR & TAYLOR RANCH DRIVE.

BENCH MARKS

ACS BENCHMARK "NM 448-N74", AN ALUMINUM TABLET SET IN THE CONCRETE MEDIAN NOSE OF COORS ROAD NW, 62 FEET NORTH OF THE CENTERLINE OF MONTANO RD NW.

ELEVATION = 5006.41

AS-BUILT INFORMATION

CONTRACTOR	'JM' INC.	
WORK STAKED BY	ALS, INC.	DATE 4/95
INSPECTOR'S ACCEPTANCE BY	ALS, INC.	DATE 4/95
FIELD VERIFICATION BY	ALS, INC.	DATE 4/95
DRAWINGS CORRECTED BY	ALS, INC.	DATE 4/95

MICRO-FILM INFORMATION

RECORDED BY	
DATE	
NO.	

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE
1	W.P.	2/93

ENGINEER'S SEAL

STEVEN M. McGEE — NEW MEXICO REGISTERED PROFESSIONAL ENGINEER
7-13-94

NO.	DATE	REMARKS	BY
		REVISIONS	

DESIGNED BY — DATE
DRAWN BY — DATE
CHECKED BY — DATE

2 6 - 4 9 1 8 . 9 0 1 3 9 5

ISAACSON & ARFMAN, P.A.
Consulting Engineering Associates
128 Monroe Street N.E.
Albuquerque New Mexico

746PV1.DWG 6/13/94

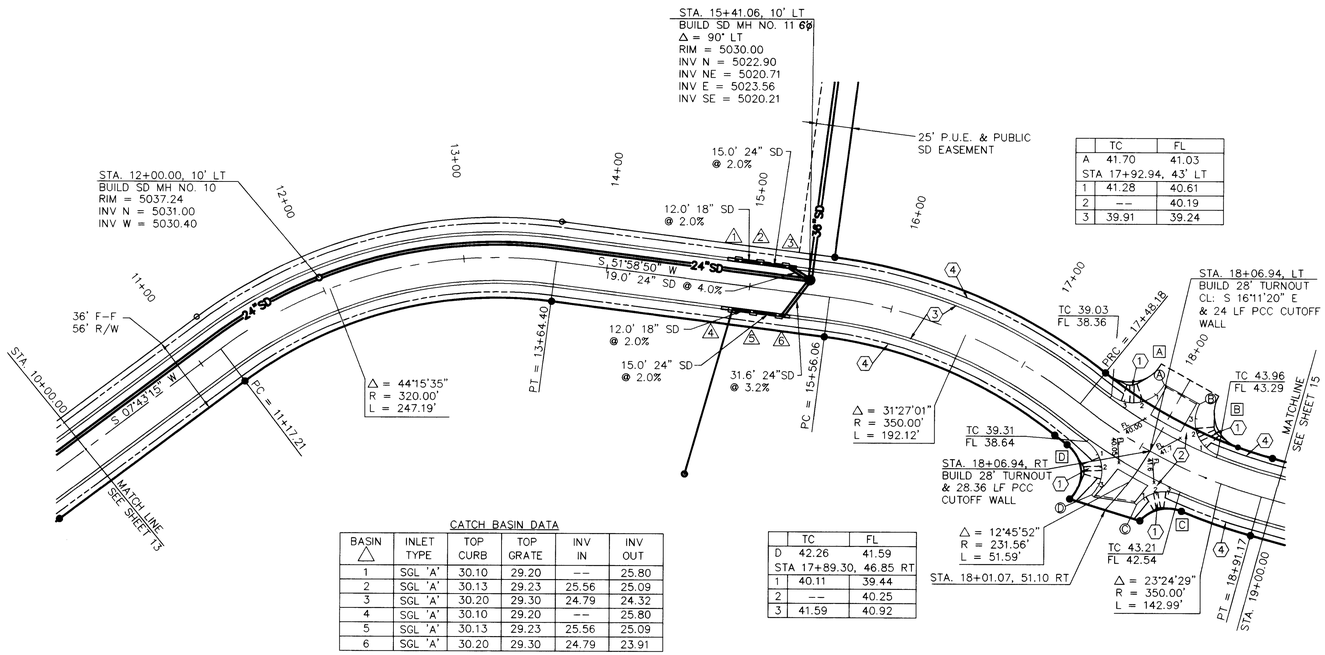
CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: TAYLOR RIDGE SUBDIVISION

MONTANO PLAZA DR.
PAVING PLAN & PROFILE

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN		7-12-94	WATER	N/A	
TRANSPORTATION		8-09-94	WASTE WATER	N/A	
HYDROLOGY		8-17-94			

PROJECT NO.	MAP NO.	SHEET	OF
4918.90	E-12	13	23



	TC	FL
A	41.70	41.03
STA 17+92.94, 43' LT		
1	41.28	40.61
2	--	40.19
3	39.91	39.24

	TC	FL
B	43.00	42.33
STA 18+20.94, 43' LT		
1	43.32	42.65
2	--	42.00
3	42.86	42.19

	TC	FL
D	42.26	41.59
STA 17+89.30, 46.85 RT		
1	40.11	39.44
2	--	40.25
3	41.59	40.92

	TC	FL
C	42.90	42.23
STA 18+16.41, 37.32 RT		
1	42.71	42.04
2	--	41.85
3	42.86	42.19

CATCH BASIN DATA

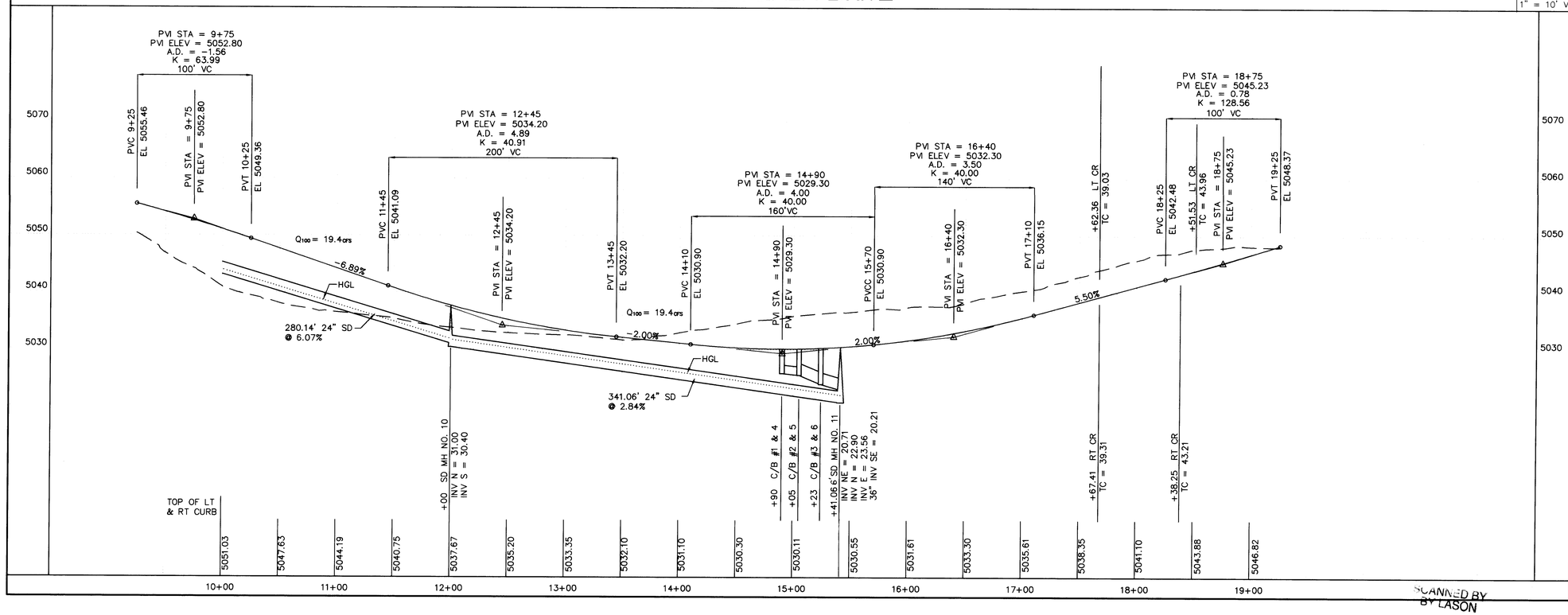
BASIN △	INLET TYPE	TOP CURB	TOP GRATE	INV IN	INV OUT
1	SGL 'A'	30.10	29.20	--	25.80
2	SGL 'A'	30.13	29.23	25.56	25.09
3	SGL 'A'	30.20	29.30	24.79	24.32
4	SGL 'A'	30.10	29.20	--	25.80
5	SGL 'A'	30.13	29.23	25.56	25.09
6	SGL 'A'	30.20	29.30	24.79	23.91

☐ FACE OF CURB CURVE TABLE

CURVE	DELTA	RADIUS	LENGTH
A	97°17'54"	25.00'	42.45'
B	97°17'54"	25.00'	42.45'
C	75°05'29"	25.00'	32.76'
D	97°03'17"	25.00'	42.35'

MONTANO PLAZA DRIVE

SCALE: 1" = 50' H. 1" = 10' V.



KEYED CONSTRUCTION NOTES

1. CONSTRUCT 4" THICK PCC SIDEWALK TRANSITIONS TO HANDICAP ACCESS RAMP & PCC RAMP PER STD. DWG. 2441.
2. CONSTRUCT PCC VALLEY GUTTER PER STD. DWG. 2420.
3. BUILD STD. PCC CURB & GUTTER PER STD. DWG. 2415.
4. ALL PCC SIDEWALK IS FUTURE (NOT IN THIS CONTRACT) EXCEPT FOR SHOWN WHEELCHAIR RAMPS.
5. SEE SHEET 11 FOR STORM DRAIN, EAST OF MONTANO PLAZA DRIVE.

GENERAL NOTES

1. FROM STA 11+17.21 TO STA 13+64.40 INSTALL STORM DRAIN ON CURVE WITH THE FOLLOWING DATA:
   Δ = 44°15'35"
   R = 330.00'
   L = 254.92'

AS-BUILT INFORMATION
CONTRACTOR: CDM, INC. DATE 4/95
WORK STAKED BY: ALS, INC. DATE
INSPECTOR'S ACCEPTANCE BY: ALS, INC. DATE 4/95
FIELD VERIFICATION BY: ALS, INC. DATE 4/95
DRAWINGS CORRECTED BY: ALS, INC. DATE 4/95
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS
ACS BENCHMARK "NM 448-N7A", AN ALUMINUM TABLET SET IN THE CONCRETE MEDIAN NOSE OF COORS ROAD NW, 62 FEET NORTH OF THE CENTERLINE OF MONTANO RD NW.
ELEVATION = 5006.41

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE
1	W.P.	2/93

ENGINEER'S SEAL
SCOTT H. McGEE NEW MEXICO REGISTERED PROFESSIONAL ENGINEER 10518
7-13-94

NO.	DATE	REMARKS	BY
		REVISIONS	

DESIGN
DESIGNED BY DATE
DRAWN BY DATE
CHECKED BY DATE

26-4918.90 1995

ISAACSON & ARFMAN, P.A.
Consulting Engineering Associates
128 Monroe Street N.E.
Albuquerque New Mexico
746PV2.DWGwe 7/12/94

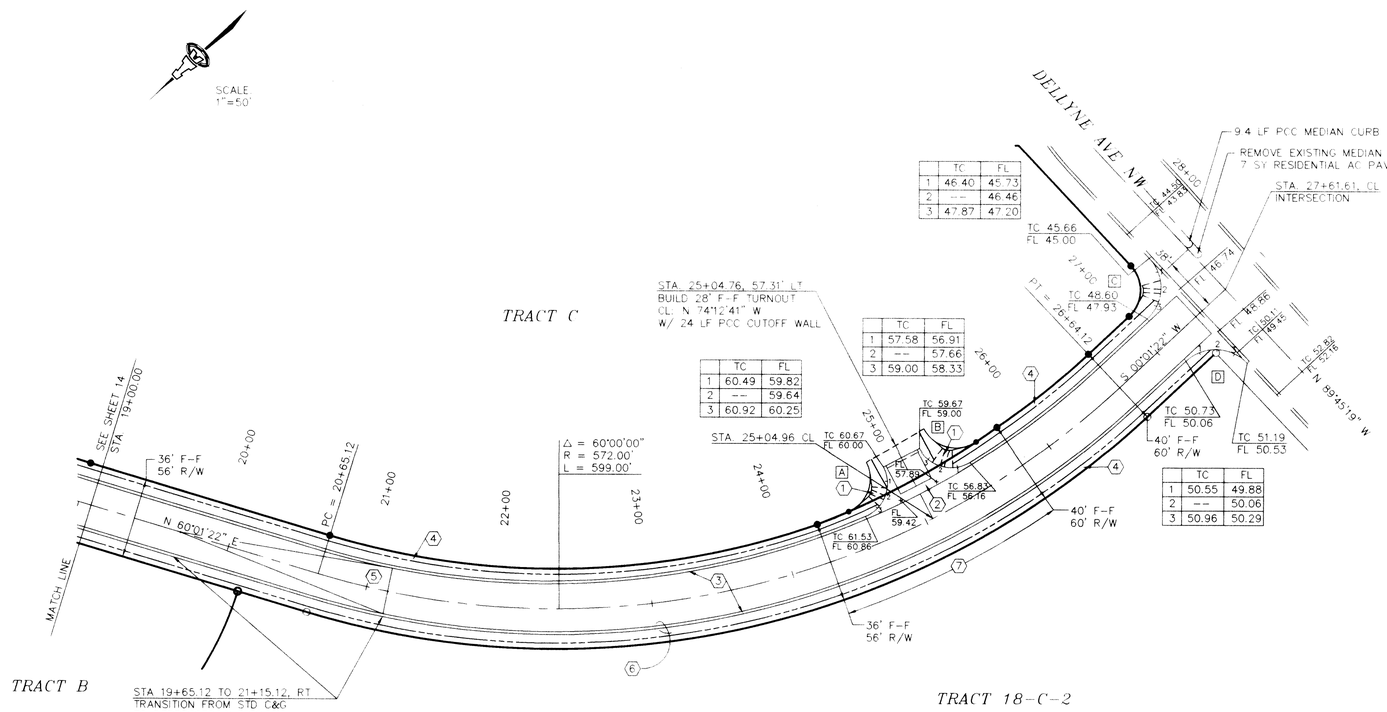
CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: TAYLOR RIDGE SUBDIVISION
MONTANO PLAZA DR.
PAVING PLAN & PROFILE

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN		9-12-94	WATER		
TRANSPORTATION		8-09-94	WASTE WATER		
HYDROLOGY		8-17-94			

PROJECT NO.	MAP NO.	SHEET	OF
4918.90	E -12	14	23

SCANNED BY LASON



	TC	FL
1	46.40	45.73
2	--	46.46
3	47.87	47.20

	TC	FL
1	57.58	56.91
2	--	57.66
3	59.00	58.33

	TC	FL
1	60.49	59.82
2	--	59.64
3	60.92	60.25

	TC	FL
1	50.55	49.88
2	--	50.06
3	50.96	50.29

FACE OF CURB RETURN TABLE

CURVE	DELTA	RADIUS	LENGTH
A	94°04'48"	25.00'	41.05'
B	94°21'35"	25.00'	41.17'
C	89°46'41"	30.00'	47.01'
D	90°13'19"	30.00'	47.24'

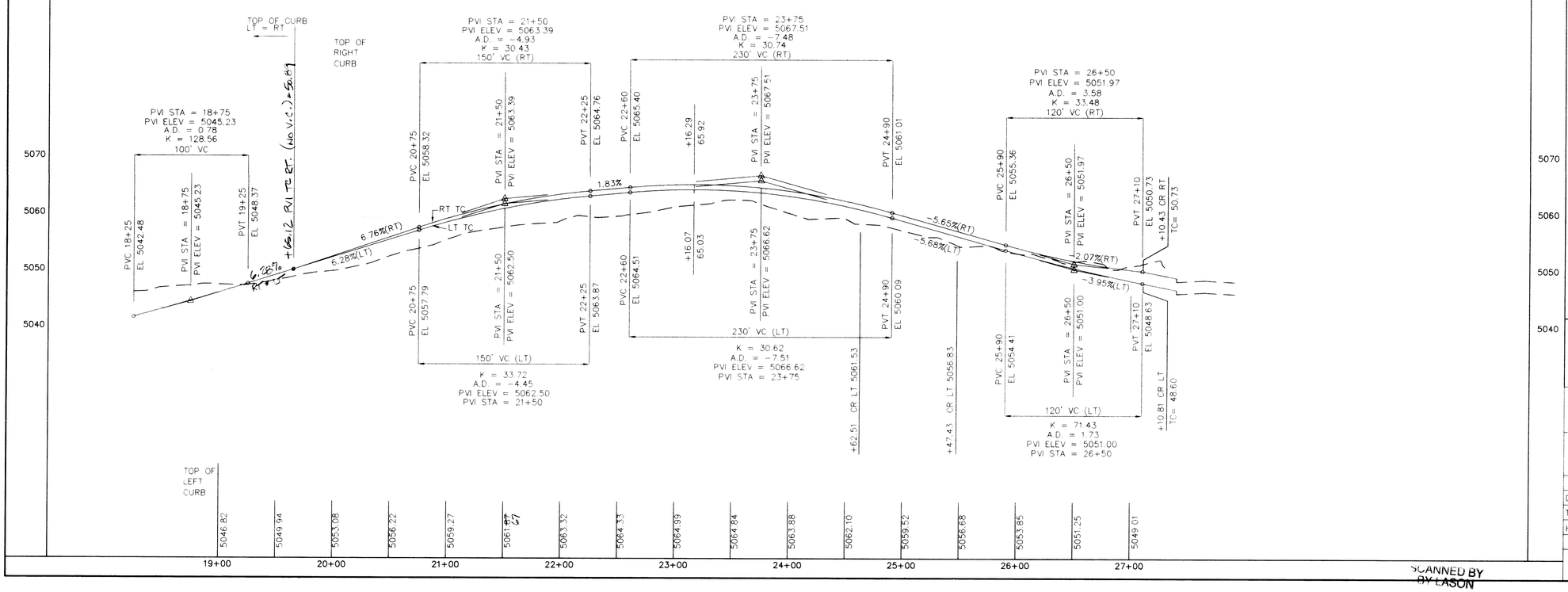
KEYED CONSTRUCTION NOTES

1. CONSTRUCT 4" THICK PCC SIDEWALK TRANSITIONS TO HANDICAP ACCESS RAMP & PCC RAMP PER STD. DWG. 2441.
2. CONSTRUCT PCC VALLEY GUTTER PER STD. DWG. 2420.
3. BUILD STD. PCC CURB & GUTTER PER STD. DWG. 2415.
4. ALL PCC SIDEWALK IS FUTURE (NOT IN THIS CONTRACT) EXCEPT FOR SHOWN WHEELCHAIR RAMPS.
5. FROM STA. 19+65.12 TO 21+15 TRANSITION FROM NORMAL CROWN TO SUPERELEVATED SECTION WITH 2% CROSS SLOPE.
6. BUILD DEPRESSED GUTTER RIGHT FROM STA. 21+15.12 TO 27+10.43.
7. FROM STA. 24+27.62 TO STA. 25+77.62 TRANSITION LEFT CURB LINE OUT TO WIDEN STREET FROM 36 FT TO 40 FT.

GENERAL NOTES

MONTANO PLAZA DRIVE

SCALE 1" = 50' H 1" = 10' V



SCANNED BY BY LASON

AS-BUILT INFORMATION

CONTRACTOR			
WORK STAKED BY	ALS, INC.	DATE	4/95
CONSTRUCTION ACCEPTANCE BY	ALS, INC.	DATE	4/95
FIELD VERIFICATION BY	ALS, INC.	DATE	4/95
DRAWINGS CORRECTED BY	ALS, INC.	DATE	4/95
MICRO-FILM INFORMATION			
RECORDED BY		DATE	
NO.			

BENCH MARKS

ACS BENCHMARK "NM 448-N7A", AN ALUMINUM TABLET SET IN THE CONCRETE MEDIAN NOSE OF COORS ROAD N.W., 62 FEET NORTH OF THE CENTERLINE OF MONTANO RD. N.W.

ELEVATION = 5006.41

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE
1	W.P.	2/93

ENGINEER'S SEAL

NEW MEXICO REGISTERED PROFESSIONAL ENGINEER 10519 MICHAEL W. McGEE

7-13-94

NO.	DATE	REMARKS	BY

REVISIONS

DESIGN

DESIGNED BY — DATE

DRAWN BY — DATE

CHECKED BY — DATE

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

2 6 - 4 9 1 8 . 9 0 1 5 9 5

ISAACSON & ARFMAN, P.A.
Consulting Engineering Associates
128 Monroe Street N.E.
Albuquerque New Mexico

746PV3.DWGwe 7/12/94

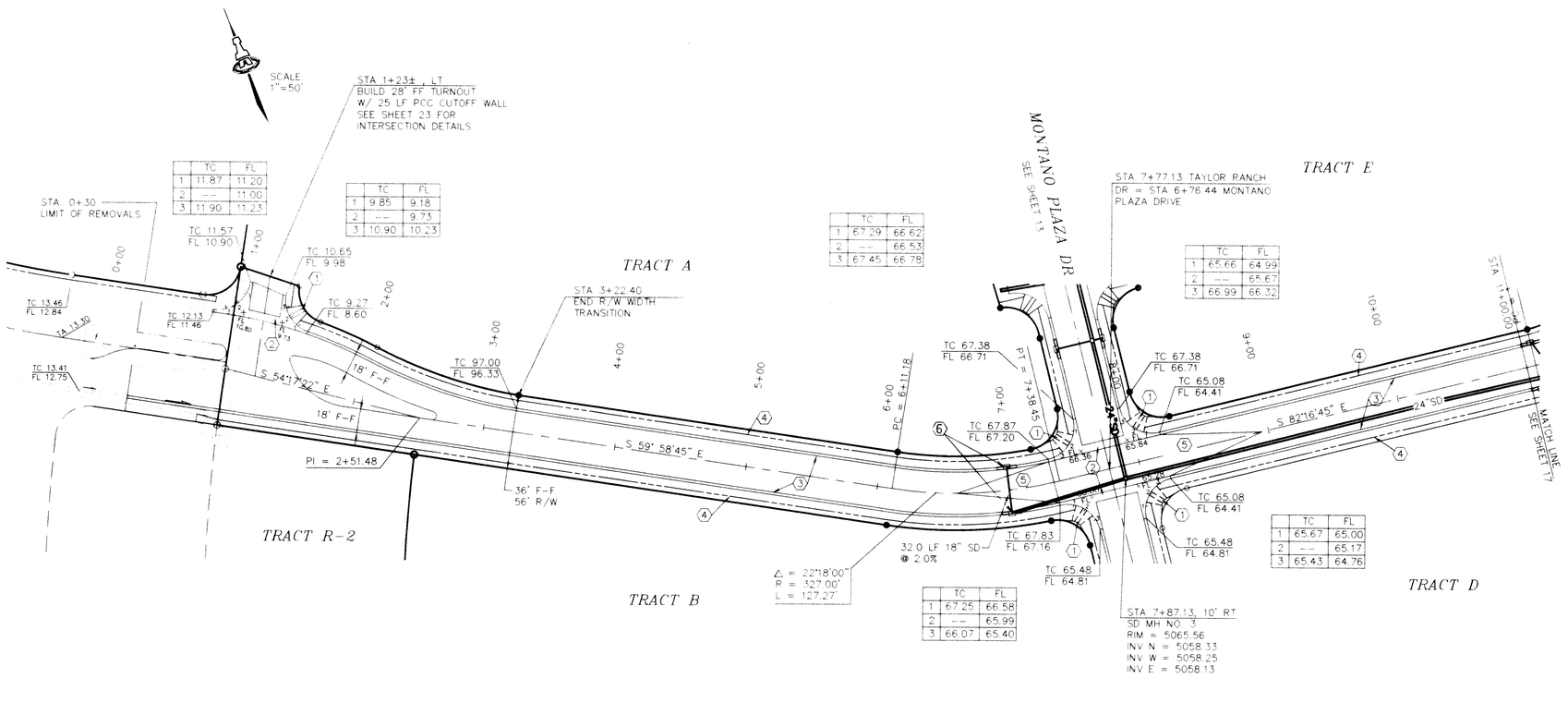
CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: TAYLOR RIDGE SUBDIVISION

MONTANO PLAZA DR.
PAVING PLAN & PROFILE

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN		9-12-94	WATER	N/A	7/13/94
TRANSPORTATION		8-09-94	WASTE WATER		
HYDROLOGY	N/A	8-17-94			

PROJECT NO.	MAP NO.	SHEET	OF
4918.90	E-12	15	23



	TC	FL
1	11.87	11.20
2	--	11.00
3	11.90	11.23

	TC	FL
1	9.85	9.18
2	--	9.73
3	10.90	10.23

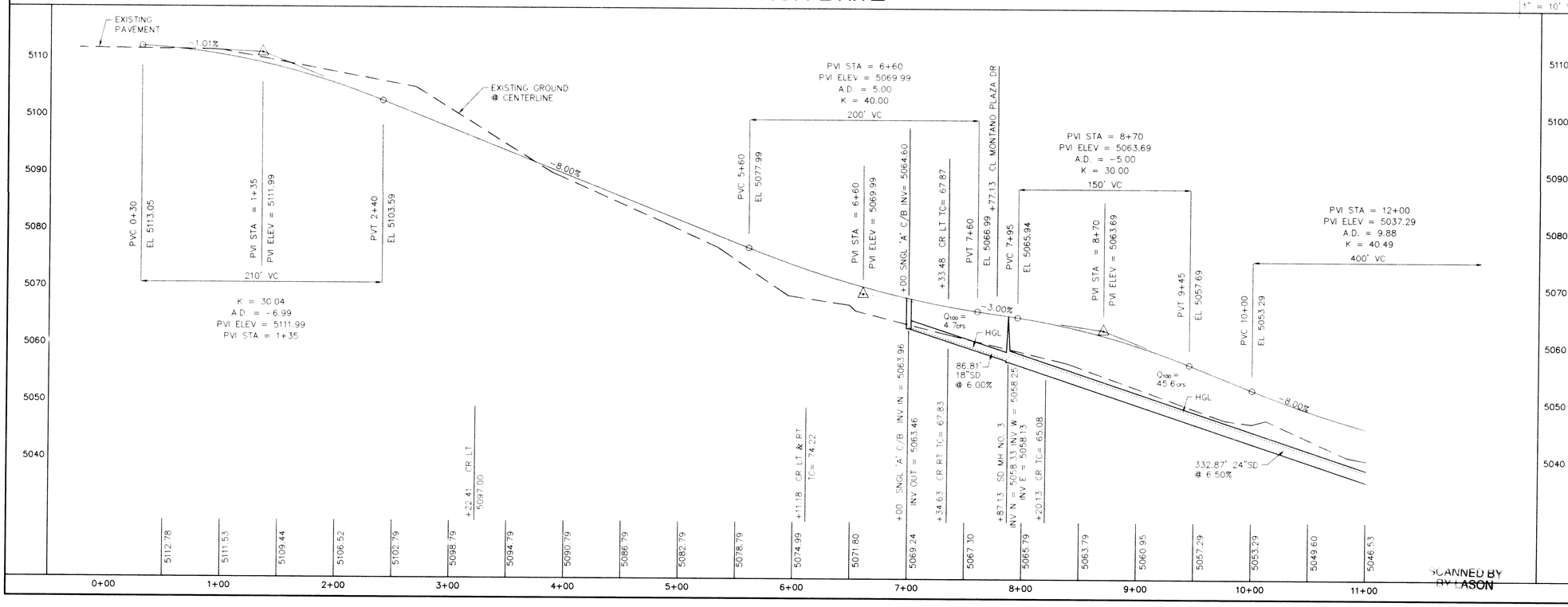
	TC	FL
1	67.29	66.62
2	--	66.53
3	67.45	66.78

	TC	FL
1	65.66	64.99
2	--	65.67
3	66.99	66.32

	TC	FL
1	65.67	65.00
2	--	65.17
3	65.43	64.76

	TC	FL
1	67.25	66.58
2	--	65.99
3	66.07	65.40

TAYLOR RANCH DRIVE



SCANNED BY
BY LASON

KEYED CONSTRUCTION NOTES

1. CONSTRUCT 4" THICK PCC SIDEWALK TRANSITIONS TO HANDICAP ACCESS RAMP & PCC RAMP PER STD. DWG. 2441.
2. CONSTRUCT PCC VALLEY GUTTER PER STD. DWG. 2420.
3. BUILD STD. PCC CURB & GUTTER PER STD. DWG. 2415.
4. PCC SIDEWALK IS FUTURE (NOT IN THIS CONTRACT).
5. NO CROWN TRANSITION 75' MIN. LENGTH.
6. **BUILD 2 SINGLE 'A' CATCH BASINS AT STA 7+00 WITH TOP OF GRATE EL=5068.34.**

GENERAL NOTES

AS-BUILT INFORMATION
CONTRACTOR: CMI, INC. DATE 4/15
WORK STAKED BY: A-CINC DATE
WORK ACCEPTANCE BY: DATE
FIELD VERIFICATION BY: A-CINC DATE 4/15
DRAWINGS CORRECTED BY: A-CINC DATE 4/15
MICRO-FILM INFORMATION
RECORDED BY: DATE
NO.

BENCH MARKS
ACS BENCHMARK "NM 448-N7A" AN ALUMINUM TABLET SET IN THE CONCRETE MEDIAN NOSE OF COORS ROAD NW, 62 FEET NORTH OF THE CENTERLINE OF MONTANO RD NW.
ELEVATION = 5006.41

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE
1	W.P.	2/93

ENGINEER'S SEAL
SYDNEY H. McGEE
NEW MEXICO
10519
REGISTERED PROFESSIONAL ENGINEER
7-13-94

NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	

DESIGNED BY DATE
DRAWN BY DATE
CHECKED BY DATE

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

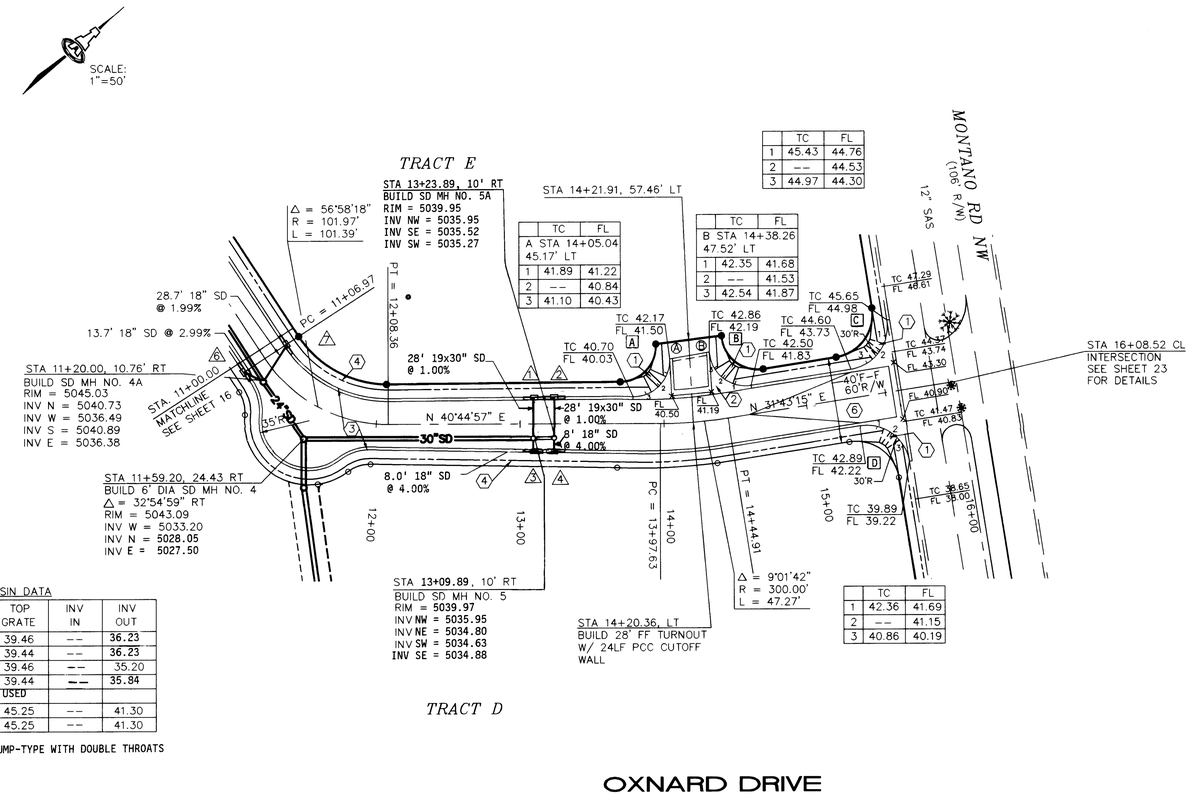
ISAACSON & ARFMAN, P.A.
Consulting Engineering Associates
128 Monroe Street N.E.
Albuquerque New Mexico
746PV4.DWG 6/13/94

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: TAYLOR RIDGE SUBDIVISION
TAYLOR RANCH DRIVE
PAVING PLAN & PROFILE

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN		7-12-94	WATER	N/A	
TRANSPORTATION		8-09-94	WASTE WATER		
HYDROLOGY		8-17-94			

PROJECT NO.	MAP NO.	SHEET	OF
4918.90	E-12	16	23



	TC	FL
1	45.43	44.76
2	--	44.53
3	44.97	44.30

	TC	FL
A STA 14+05.04 45.17' LT		
1	41.89	41.22
2	--	40.84
3	41.10	40.43

	TC	FL
B STA 14+38.26 47.52' LT		
1	42.35	41.68
2	--	41.53
3	42.54	41.87

	TC	FL
1	42.36	41.69
2	--	41.15
3	40.86	40.19

CATCH BASIN DATA

BASIN △	INLET TYPE	TOP CURB	TOP GRATE	INV IN	INV OUT
1	DBL 'A'	40.36	39.46	--	36.23
2*	SNGL 'A'	40.34	39.44	--	36.23
3	DBL 'A'	40.36	39.46	--	35.20
4*	SNGL 'A'	40.34	39.44	--	35.84
	NOT	USED			
6	SNGL 'A'	46.15	45.25	--	41.30
7	SNGL 'A'	46.15	45.25	--	41.30

* INLETS #2 & #4 ARE SUMP-TYPE WITH DOUBLE THROATS

FACE OF CURB CURVE TABLE

CURVE	DELTA	RADIUS	LENGTH
A	94°17'52"	25.00	41.15'
B	95°56'21"	25.00	41.86'
C	90°00'00"	30.00	47.12'
D	90°00'00"	30.00	47.12'

KEYED CONSTRUCTION NOTES

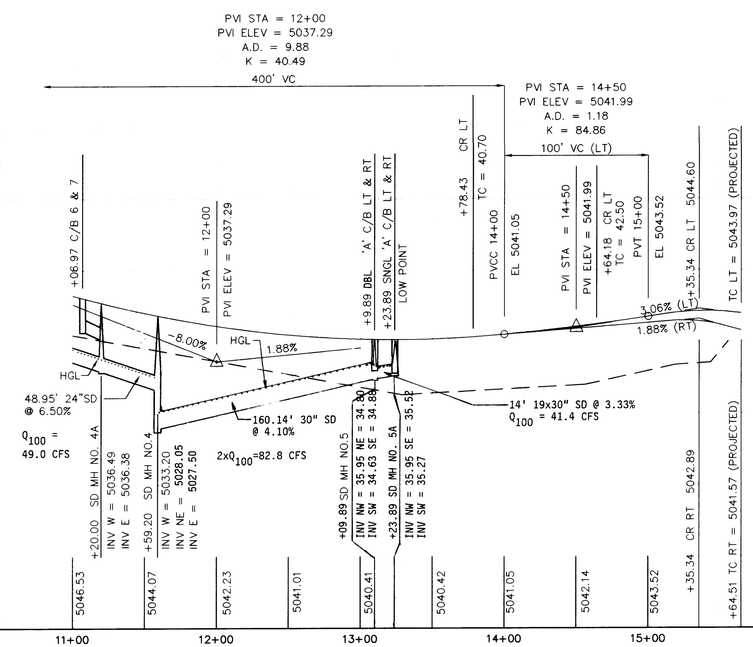
1. CONSTRUCT 4" THICK PCC SIDEWALK TRANSITIONS TO HANDICAP ACCESS RAMP & PCC RAMP PER STD. DWG. 2441.
2. CONSTRUCT PCC VALLEY GUTTER PER STD. DWG. 2420.
3. BUILD STD. PCC CURB & GUTTER PER STD. DWG. 2415.
4. ALL PCC SIDEWALK IS FUTURE (NOT IN THIS CONTRACT) EXCEPT FOR SHOWN WHEELCHAIR RAMPS.
5. SEE SHEET 10 FOR STORM DRAIN LINE. EAST OF OXNARD DRIVE
6. NO CROWN TRANSITION 75' MIN. LENGTH.

GENERAL NOTES

1. TRANSITION PAVEMENT CROSS-SLOPE TO 1.5% THROUGH KNUCKLE FROM STA 11+06.97 TO 11+31.97 AND BACK TO 2.0% FROM STA 11+83.36 TO 12+08.36
2. TRANSITION STREET WIDTH FROM 36 FT AT STA. 12+55.52 TO 40 FT AT STA 14+05.52. BUILD 40 FT WIDE STREET FROM 14+05.52 TO 15+55.52.

OXNARD DRIVE

SCALE: 1" = 50' H. 1" = 10' V.



SURVEY INFORMATION

NO.	FIELD NOTES BY	DATE
1	W.P.	2/93

BENCH MARKS

ACS BENCHMARK "NM 448-N7A", AN ALUMINUM TABLET SET IN THE CONCRETE MEDIAN NOSE OF COORS ROAD NW, 62 FEET NORTH OF THE CENTERLINE OF MONTANO RD NW.

ELEVATION = 5006.41

AS-BUILT INFORMATION

CONTRACTOR: CCM, INC. 4/15
WORK STAKED BY: ALS, INC. DATE
INSPECTOR'S ACCEPTANCE BY: DATE
FIELD VERIFICATION BY: ALS, INC. DATE 4/15
DRAWINGS CORRECTED BY: ALS, INC. DATE 4/15
MICRO-FILM INFORMATION
RECORDED BY: DATE
NO.

ENGINEER'S SEAL

SCOTT W. McGEE NEW MEXICO 10519 PROFESSIONAL ENGINEER
7-13-94

NO.	DATE	REMARKS	BY
		REVISIONS	

DESIGN
DESIGNED BY DATE
DRAWN BY DATE
CHECKED BY DATE

26-4918.90 11795

ISAACSON & ARFMAN, P.A.
Consulting Engineering Associates
128 Monroe Street N.E.
Albuquerque New Mexico

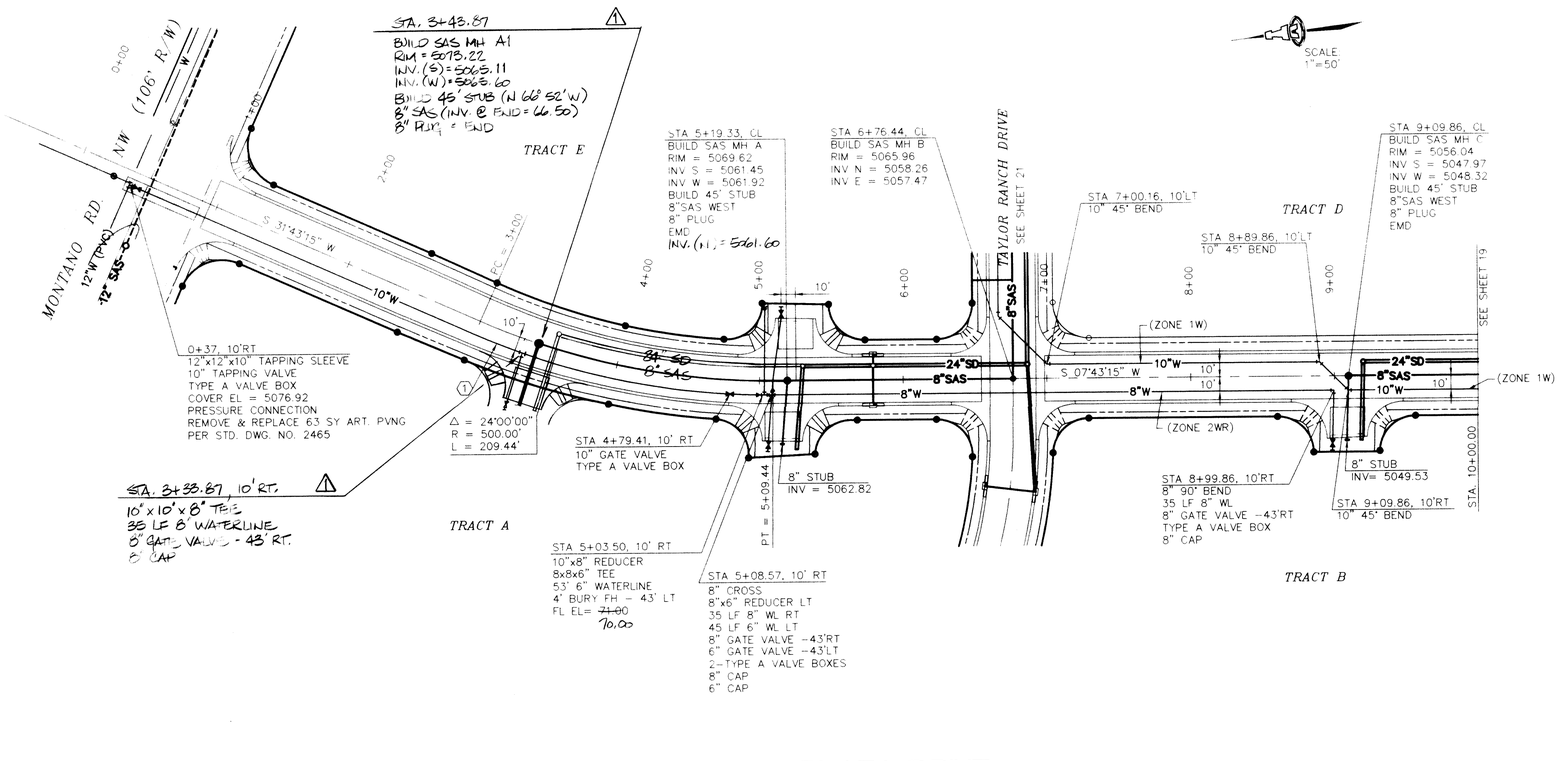
746PV5.DWGwe 7/12/94

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: TAYLOR RIDGE SUBDIVISION
OXNARD DRIVE
PAVING PLAN & PROFILE

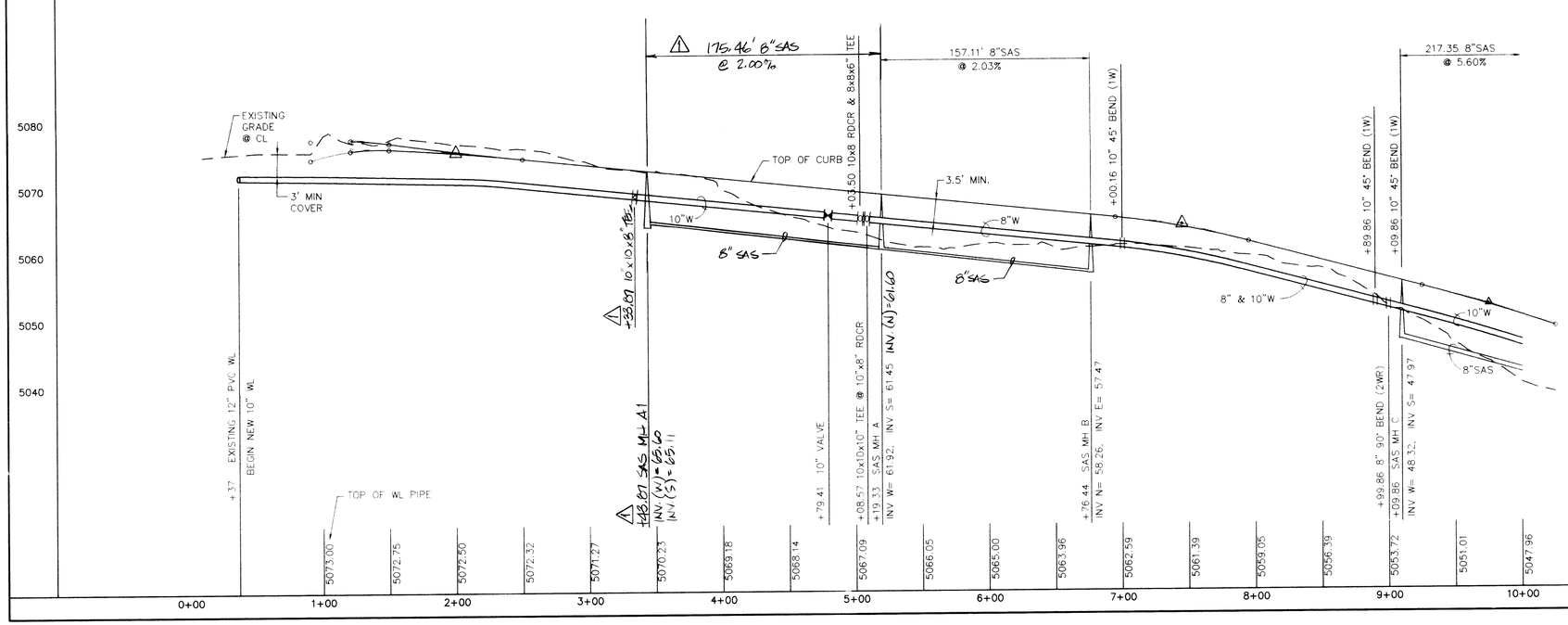
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN		9-12-94	WATER		
TRANSPORTATION		8-04-94	WASTE WATER	N/A	
HYDROLOGY		8-17-94			

PROJECT NO.	MAP NO.	SHEET	OF
4918.90	E-12	17	23



MONTANO PLAZA DRIVE

SCALE:
1" = 50' H.
1" = 10' V.



SCANNED BY
BY LASON

KEYED CONSTRUCTION NOTES

1. INSTALL WATERLINE ON A CURVE FROM STA. 3+00 TO 5+09.44 AS FOLLOWS:
   Δ = 24°00'00"
   R = 510.00'
   L = 213.63'

GENERAL NOTES

AS-BUILT INFORMATION

CONTRACTOR	CSM, INC.	DATE 4/15
WORK STAKED BY	A.S. INC.	DATE
INSPECTOR'S ACCEPTANCE BY		DATE
FIELD VERIFICATION BY	A.S. INC.	DATE 4/15
DRAWINGS CORRECTED BY	A.S. INC.	DATE 4/15

MICRO-FILM INFORMATION

RECORDED BY
DATE
NO.

BENCH MARKS

ACS BENCHMARK "NM 448-N7A", AN ALUMINUM TABLET SET IN THE CONCRETE MEDIAN NOSE OF COORS ROAD NW, 6.2 FEET NORTH OF THE CENTERLINE OF MONTANO RD NW.

ELEVATION = 5006.41

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE
1	W.P.	2/93

ENGINEER'S SEAL

ROBERT M. MAGEE
NEW MEXICO
10519
REGISTERED PROFESSIONAL ENGINEER
7-13-94

NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	

DESIGNED BY DATE
DRAWN BY DATE
CHECKED BY DATE

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

ISAACSON & ARFMAN, P.A.
Consulting Engineering Associates
128 Monroe Street N.E.
Albuquerque New Mexico

746UTL1.DWG 6/15/94

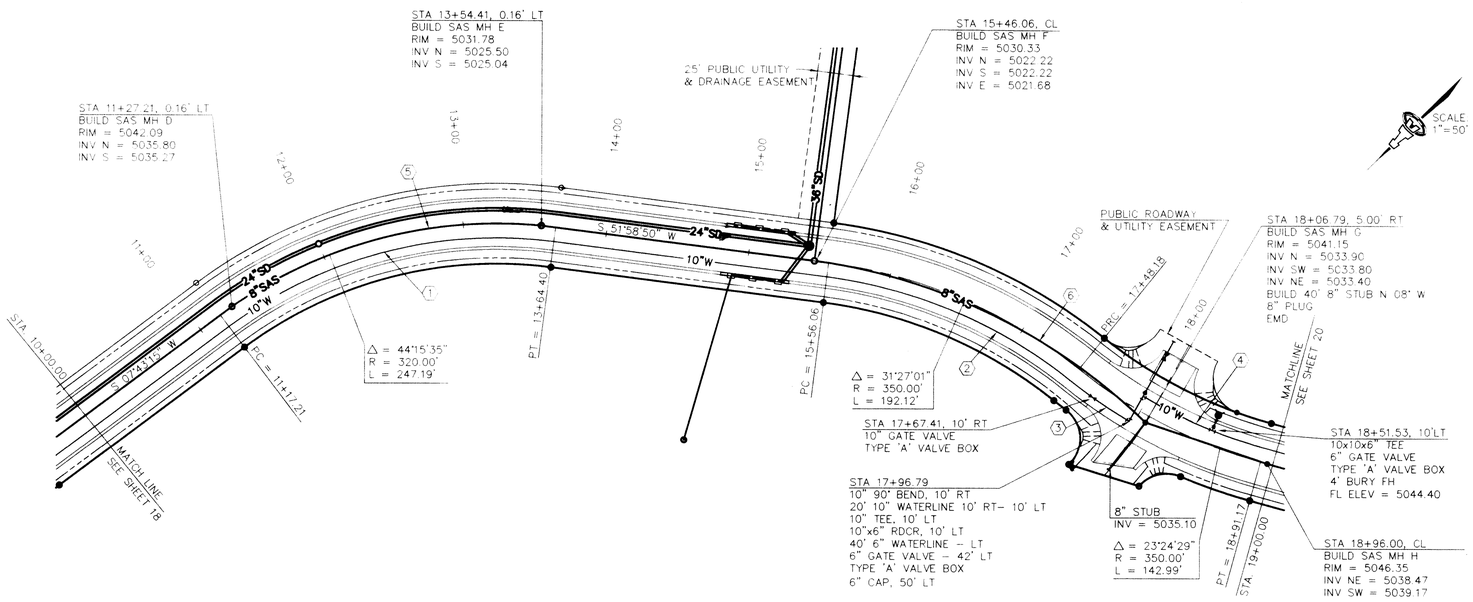
CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: TAYLOR RIDGE SUBDIVISION
MONTANO PLAZA DR.
UTILITY PLAN & PROFILE

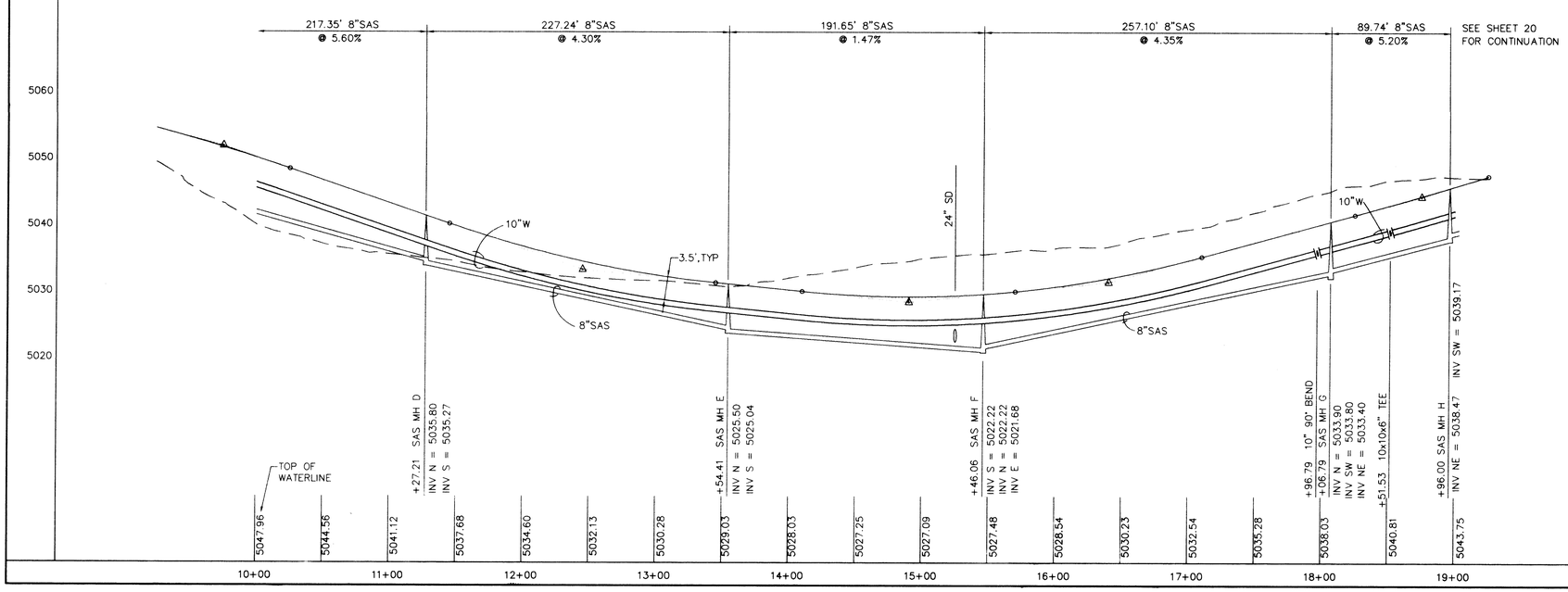
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN		9-12-94	WATER		
TRANSPORTATION		8-04-94	WASTE WATER		7/14/94
HYDROLOGY	NA	PRC 8-17-94			

PROJECT NO.	MAP NO.	SHEET	OF
4918.90	E-12	18	23

MONTANO PLAZA DRIVE



SCALE:
1" = 50' H.
1" = 10' V.



PLANNED BY
BY LASON

KEYED CONSTRUCTION NOTES

1. INSTALL WATERLINE ON A CURVE FROM STA 11+17.21 TO STA 13+64.40 AS FOLLOWS:

   Δ = 44°15'35"
   R = 310.00'
   L = 239.47'

2. INSTALL WATERLINE ON A CURVE FROM STA 15+56.06 TO STA 17+48.18 AS FOLLOWS:

   Δ = 31°27'01"
   R = 340.00'
   L = 186.63'

3. INSTALL WATERLINE ON A CURVE FROM STA 17+48.18 TO STA 17+96.79 AS FOLLOWS:

   Δ = 07°57'28"
   R = 360.00'
   L = 50.00'

4. INSTALL WATERLINE ON A CURVE FROM STA 17+96.79 TO STA 18+91.17 AS FOLLOWS:

   Δ = 15°27'01"
   R = 340.00'
   L = 91.68'

5. INSTALL SANITARY SEWER ON A CURVE FROM STA 11+27.21 TO STA 13+54.41 AS FOLLOWS:

   Δ = 40°21'38"
   R = 322.58'
   L = 227.24'

6. INSTALL SANITARY SEWER ON A CURVE FROM STA 15+56.06 TO STA 18+06.79 AS FOLLOWS:

   Δ = 35°01'18"
   R = 410.77'
   L = 251.08'

GENERAL NOTES

1. SEE SHEET 11 FOR CONTINUATION OF SAS EAST OF MONTANO PLAZA DR.

AS-BUILT INFORMATION

CONTRACTOR	A.S. INC.	DATE 4/95
WORK STAKED BY	A.S. INC.	DATE
INSPECTOR'S ACCEPTANCE BY	A.S. INC.	DATE 4/95
FIELD VERIFICATION BY	A.S. INC.	DATE 4/95
DRAWINGS CORRECTED BY	A.S. INC.	DATE 4/95

MICRO-FILM INFORMATION

RECORDED BY: DATE:
NO:

BENCH MARKS

ACS BENCHMARK "NM 448-N7A", AN ALUMINUM TABLET SET IN THE CONCRETE MEDIAN NOSE OF COORS ROAD NW, 62 FEET NORTH OF THE CENTERLINE OF MONTANO RD NW.

ELEVATION = 5006.41

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE
1	W.P.	2/93

ENGINEER'S SEAL

SCOTT M. MADDEE
NEW MEXICO
10519
PROFESSIONAL ENGINEER
7-13-94

NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	

DESIGNED BY DATE
DRAWN BY DATE
CHECKED BY DATE

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

ISAACSON & ARFMAN, P.A.
Consulting Engineering Associates
128 Monroe Street N.E.
Albuquerque New Mexico

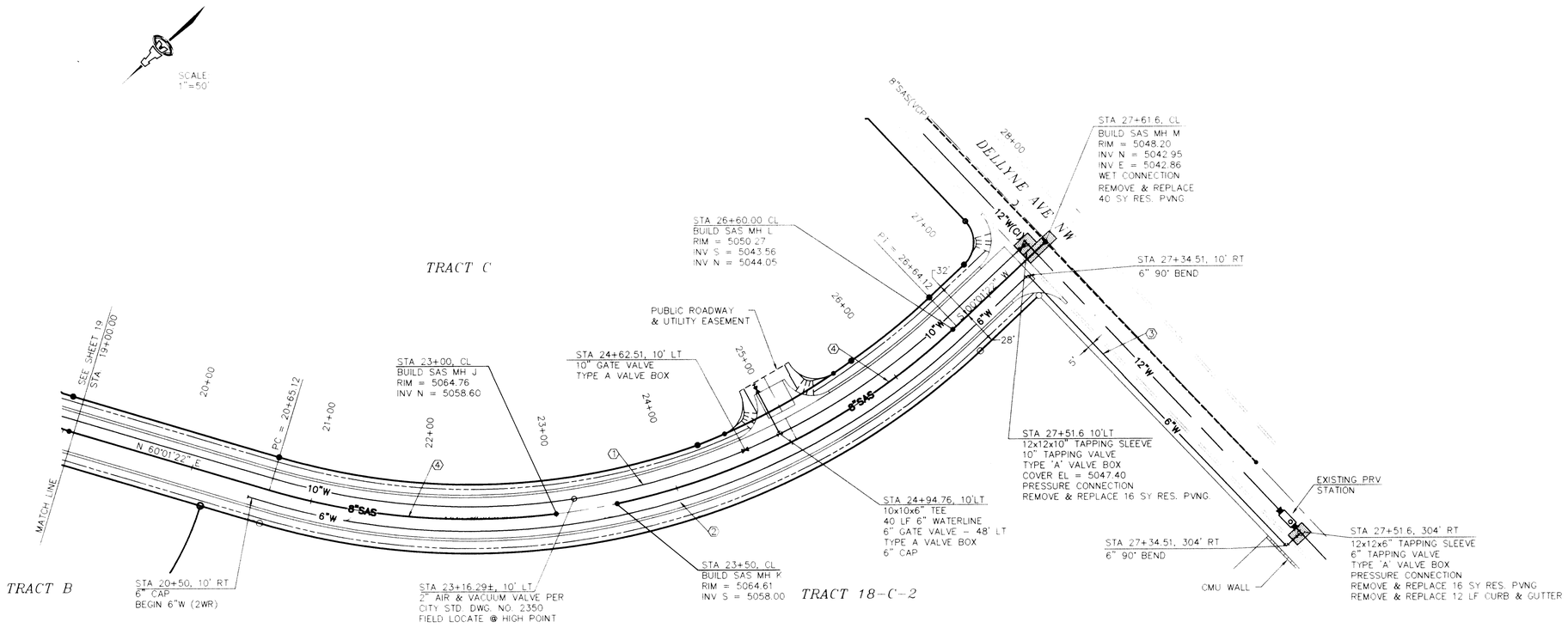
746UTL2.DWGwe 7/12/94

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: *TAYLOR RIDGE SUBDIVISION*
MONTANO PLAZA DR.
UTILITY PLAN & PROFILE

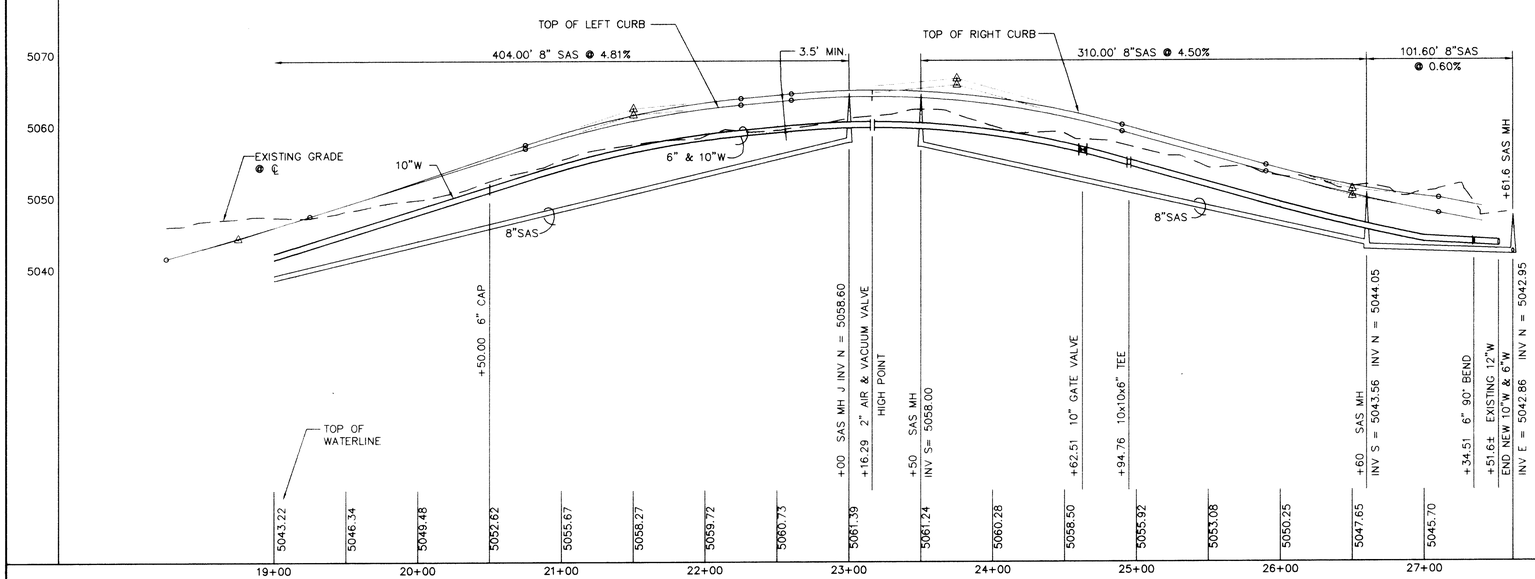
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN	B.G. Goodby	9-12-94	WATER		
TRANSPORTATION	N/A RWO	8-04-94	WASTE WATER		
HYDROLOGY	N/A MC	8-17-94			

PROJECT NO.	MAP NO.	SHEET	OF
4918.90	E-12	19	23



MONTANO PLAZA DRIVE

SCALE
1" = 50' H.
1" = 10' V.



SIGNED BY
BY LASON

KEYED CONSTRUCTION NOTES

1. INSTALL 10" WATERLINE ON A CURVE FROM STA 20+65.12 TO 26+64.12 AS FOLLOWS:

   △ = 60°00'00"
   R = 562.00'
   L = 588.53'

2. INSTALL 6" WATERLINE ON A CURVE FROM STA 20+65.12 TO 26+64.12 AS FOLLOWS:

   △ = 60°00'00"
   R = 582.00'
   L = 609.47'

3. INSTALL 6" WATERLINE A MINIMUM OF 4 FT BELOW ADJACENT TOP OF CURB GRADE OF DELLYNE AVE. NW.

4. INSTALL 8" SEWERLINE ON A CURVE WITH RADIUS = 572.00 FROM STA 20+65.12 TO STA 23+00 & FROM STA 23+50 TO STA 26+60.

GENERAL NOTES

1. WATER & SANITARY SEWER SERVICE LOCATIONS ALONG MONTANO PLAZA DRIVE SHALL BE COORDINATED WITH THE SUBDIVISION OF TRACT 18-C-2.

AS-BUILT INFORMATION

CONTRACTOR	CMH, INC.		
WORK STAKED BY	A.S. INC.	DATE	4/15
INSPECTOR'S ACCEPTANCE BY	A.S. INC.	DATE	4/15
FIELD VERIFICATION BY	A.S. INC.	DATE	4/96
DRAWINGS CORRECTED BY	A.S. INC.	DATE	4/96
MICRO-FILM INFORMATION			
RECORDED BY		DATE	
NO.			

BENCH MARKS

ACS BENCHMARK "NM 443-N7A", AN ALUMINUM TABLET SET IN THE CONCRETE MEDIAN NOSE OF COORS ROAD NW, 62 FEET NORTH OF THE CENTERLINE OF MONTANO RD. NW

ELEVATION = 5006.41

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE
1	W.P.	2/93

ENGINEER'S SEAL

SCOTT H. MAGEE
NEW MEXICO
10519
REGISTERED PROFESSIONAL ENGINEER
Scott H. Magee
7-13-94

NO.	DATE	REMARKS	BY

REVISIONS

DESIGN

DESIGNED BY — DATE
DRAWN BY — DATE
CHECKED BY — DATE

26-4918.90 20915

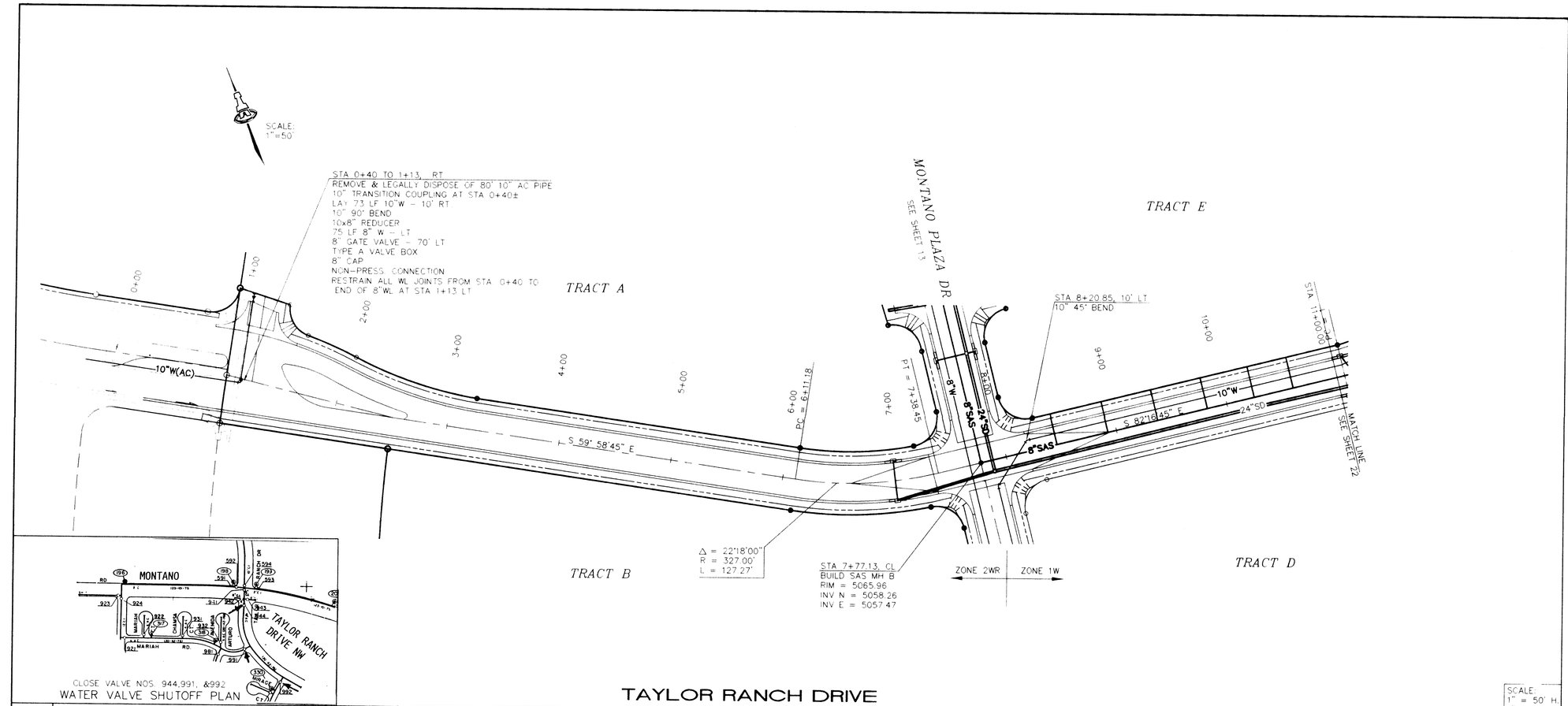
ISAACSON & ARFMAN, P.A.
Consulting Engineering Associates
128 Monroe Street N.E.
Albuquerque New Mexico
746UTL3.DWGwe 7/12/94

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: TAYLOR RIDGE SUBDIVISION
MONTANO PLAZA DR.
UTILITY PLAN & PROFILE

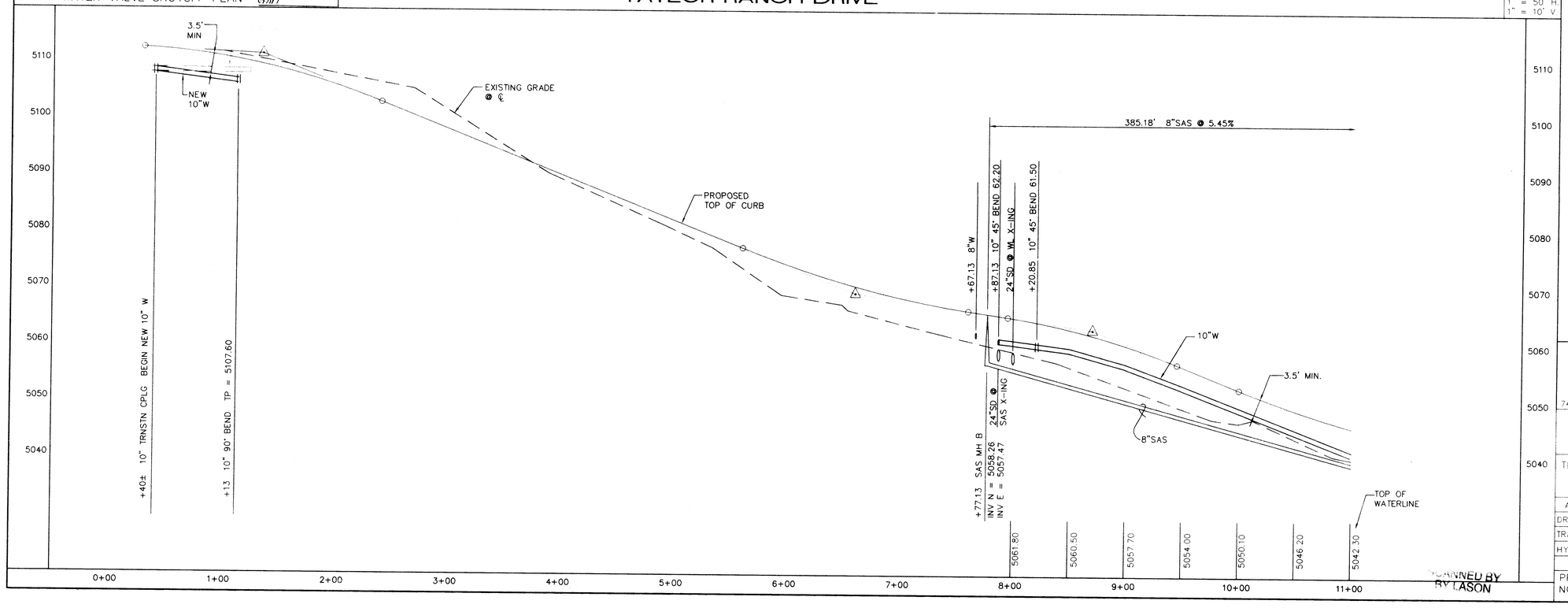
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN	B.G. Sanchez	7-12-94	WATER		
TRANSPORTATION	N.G. RHO	8-04-94	WASTE WATER		
HYDROLOGY	NA JPC	8-17-94			

PROJECT NO.	MAP NO.	SHEET	OF
4918.90	E-12	20	23



TAYLOR RANCH DRIVE

SCALE: 1" = 50' H. 1" = 10' V.



SCANNED BY BY LASON

KEYED CONSTRUCTION NOTES

SAS SERVICE TABLE

STA	INV @ R/W	SIZE
8+47	5059.0	4"
8+92	5056.6	4"
9+37	5053.6	4"
9+82	5050.5	4"
10+27	5044.5	4"
10+60	5043.7	4"

AS-BUILT INFORMATION

CONTRACTOR: CSM, INC. DATE 4/95
WORK STAKED BY: A.S. INC. DATE
INSPECTOR'S ACCEPTANCE BY: DATE
FIELD VERIFICATION BY: A.S. INC. DATE 4/95
DRAWINGS CORRECTED BY: A.S. INC. DATE 4/95
MICRO-FILM INFORMATION
RECORDED BY: DATE
NO.

BENCH MARKS

ACS BENCHMARK "NM 448-N7A", AN ALUMINUM TABLET SET IN THE CONCRETE MEDIAN NOSE OF COORS ROAD NW, 62 FEET NORTH OF THE CENTERLINE OF MONTANO RD NW.

ELEVATION = 5006.41

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE
1	W.P.	2/93

ENGINEER'S SEAL

REGISTERED PROFESSIONAL ENGINEER SCOTT M. MACEE 10515 STATE OF NEW MEXICO

7-13-94

NO.	DATE	REMARKS	BY
		REVISIONS	

DESIGNED BY DATE
DRAWN BY DATE
CHECKED BY DATE

26-49118.96 21 95

ISAACSON & ARFMAN, P.A.
Consulting Engineering Associates
128 Monroe Street N.E.
Albuquerque New Mexico

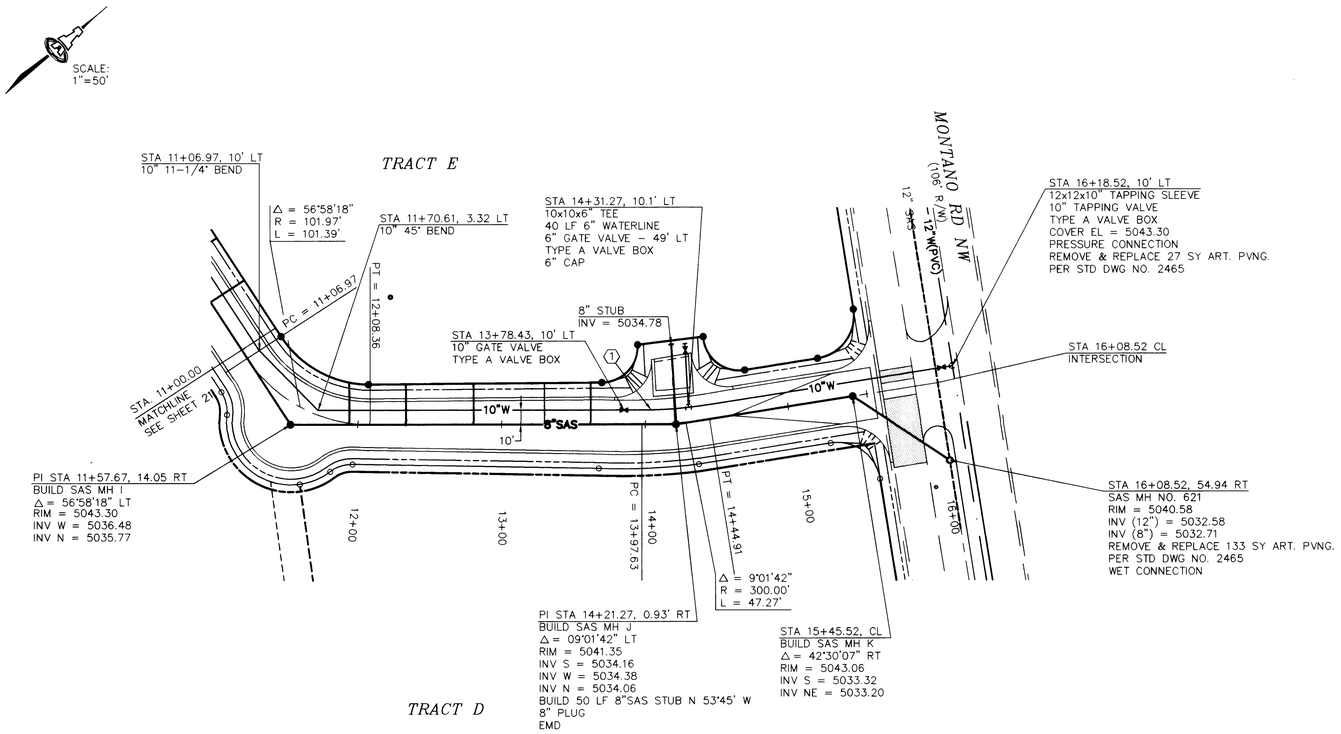
746UTL4.DWG 6/13/94

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: TAYLOR RIDGE SUBDIVISION
TAYLOR RANCH DRIVE
UTILITY PLAN & PROFILE

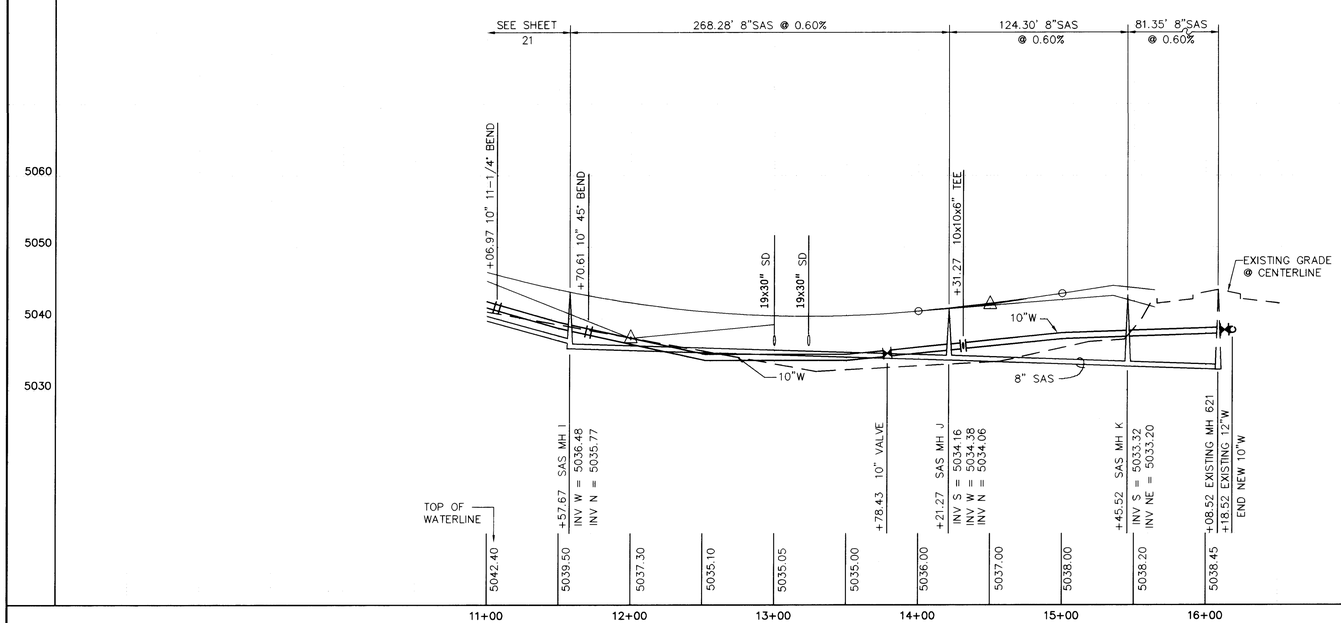
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN	B.G. Bentley	9-12-94	WATER		
TRANSPORTATION	N/A	8-04-94	WASTE WATER		
HYDROLOGY	N/A	8-17-94			

PROJECT NO.	MAP NO.	SHEET	OF
4918.90	E-12	21	23



OXNARD DRIVE

SCALE:
1" = 50' H.
1" = 10' V.



KEYED CONSTRUCTION NOTES

1. INSTALL WATERLINE ON A CURVE FROM STA 13+96.06 TO 14+46.49 AS FOLLOWS:

   Δ = 09°01'42"
   R = 310.00'
   L = 48.85'

SAS SERVICE TABLE

STA	INV @ R/W	SIZE
11+93	5036.3	4"
12+33	5037.2	4"
12+80	5036.6	4"
13+30	5036.3	4"
13+61	5036.5	4"

AS-BUILT INFORMATION

CONTRACTOR	CRM, INC.	DATE	4/95
WORK STAKED BY	ALS, INC.	DATE	
INSPECTOR'S ACCEPTANCE BY		DATE	
FIELD VERIFICATION BY	ALS, INC.	DATE	4/95
DRAWINGS CORRECTED BY	ALS, INC.	DATE	4/95

MICRO-FILM INFORMATION

RECORDED BY DATE
NO.

BENCH MARKS

ACS BENCHMARK "NM 448-N7A", AN ALUMINUM TABLET SET IN THE CONCRETE MEDIAN NOSE OF COORS ROAD NW, 62 FEET NORTH OF THE CENTERLINE OF MONTANO RD NW.

ELEVATION = 5006.41

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE
1	W.P.	2/93

ENGINEER'S SEAL

SCOTT M. McGEE
REGISTERED PROFESSIONAL ENGINEER
Scott M. McGee
7-13-94

NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	

DESIGNED BY DATE
DRAWN BY DATE
CHECKED BY DATE

26-4918.90 2294

ISAACSON & ARFMAN, P.A.
Consulting Engineering Associates
128 Monroe Street N.E.
Albuquerque New Mexico

746UTL5.DWGwe 7/12/94

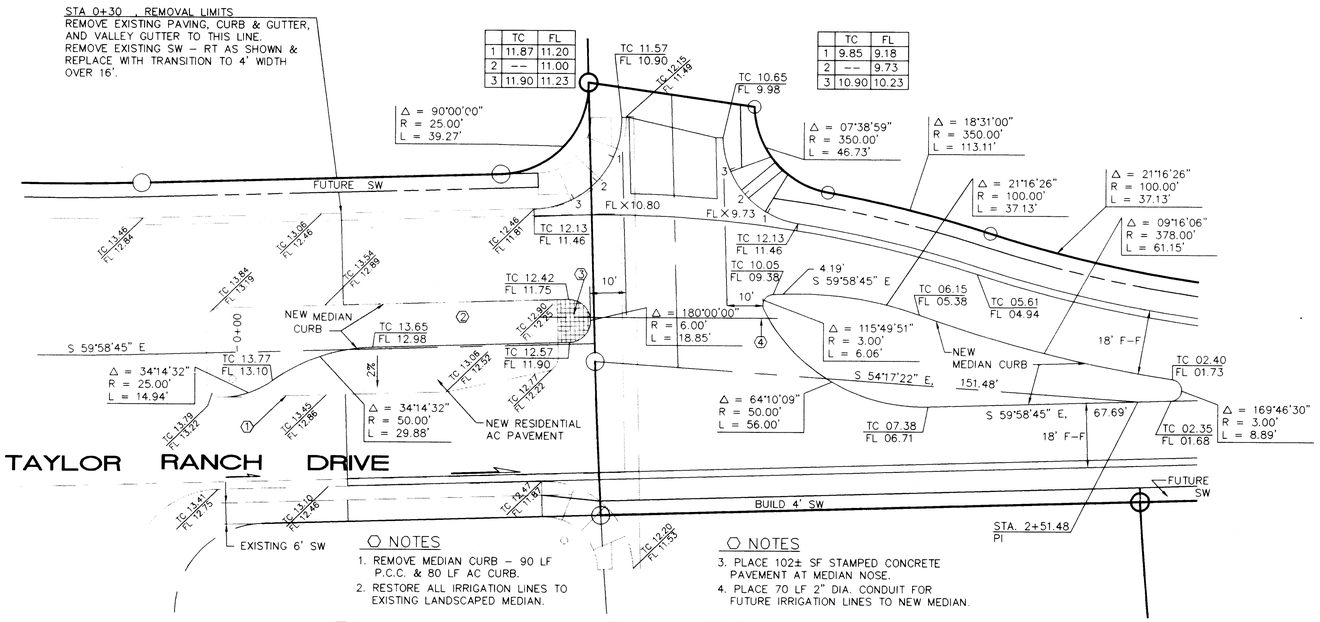
CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: TAYLOR RIDGE SUBDIVISION
OXNARD DRIVE
UTILITY PLAN & PROFILE

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN	B.A. Gerbling	9-12-94	WATER		
TRANSPORTATION		8-09-94	WASTE WATER		
HYDROLOGY	NA	JPC 8-17-94			

PROJECT NO.	MAP NO.	SHEET	OF
4918.90	E-12	22	23

REVIEWED BY
BY LASON



	TC	FL
1	11.87	11.20
2	--	11.00
3	11.90	11.23

	TC	FL
1	9.85	9.18
2	--	9.73
3	10.90	10.23

○ NOTES

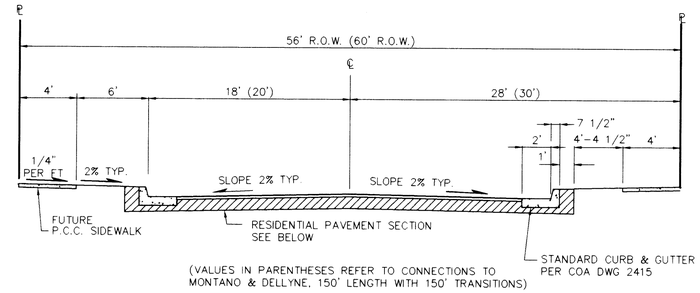
1. REMOVE MEDIAN CURB – 90 LF P.C.C. & 80 LF AC CURB.
2. RESTORE ALL IRRIGATION LINES TO EXISTING LANDSCAPED MEDIAN.

○ NOTES

3. PLACE 102± SF STAMPED CONCRETE PAVEMENT AT MEDIAN NOSE.
4. PLACE 70 LF 2" DIA. CONDUIT FOR FUTURE IRRIGATION LINES TO NEW MEDIAN.

TAYLOR RANCH DRIVE MEDIAN MODIFICATIONS

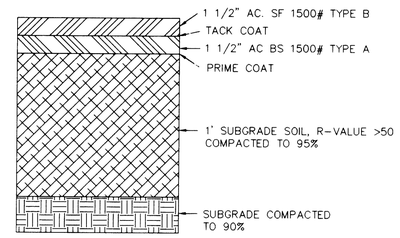
1" = 20'



(VALUES IN PARENTHESES REFER TO CONNECTIONS TO MONTANO & DELLYNE, 150' LENGTH WITH 150' TRANSITIONS)

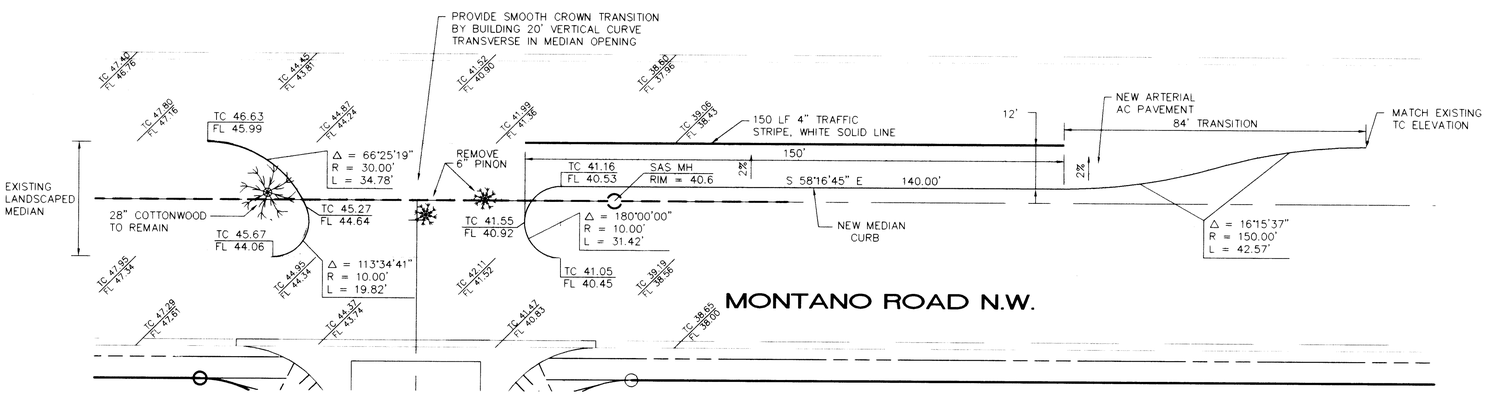
TYPICAL STREET SECTION

NTS



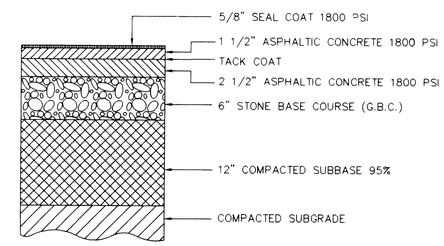
PAVING SECTION

NTS



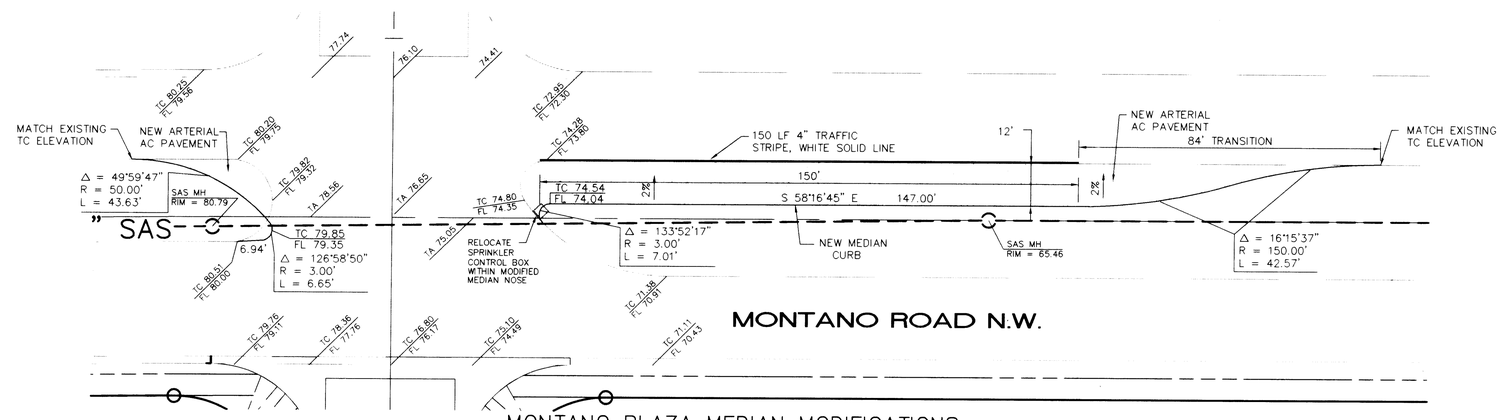
OXNARD DRIVE MEDIAN CUT

1" = 20'



ARTERIAL PAVEMENT SECTION

NTS



MONTANO PLAZA MEDIAN MODIFICATIONS

1" = 20'

26-4918.90 123 95

SCANNED BY BY LASON

ISAACSON & ARFMAN, P.A.
Consulting Engineering Associates
128 Monroe Street N.E.
Albuquerque New Mexico

746PVDTL.DWGwe 7/12/94

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: TAYLOR RIDGE SUBDIVISION

MEDIAN AND PAVING DETAILS

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN		7-12-94	WATER		
TRANSPORTATION		8-04-94	WASTE WATER		
HYDROLOGY		8-17-94			

PROJECT NO.	MAP NO.	SHEET	OF
4918.90	E-12	23	23

AS-BUILT INFORMATION
CONTRACTOR CCM, INC. DATE 4/95
STAKED BY ALS, INC. DATE 4/95
INSPECTOR'S AUDIT-LINE BY ALS, INC. DATE 4/95
FIELD VERIFICATION BY ALS, INC. DATE 4/95
DRAWINGS CORRECTED BY ALS, INC. DATE 4/95
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS
ACS BENCHMARK "NM 448-N74", AN ALUMINUM TABLET SET IN THE CONCRETE MEDIAN NOSE OF COORS ROAD NW, 62 FEET NORTH OF THE CENTERLINE OF MONTANO RD NW.
ELEVATION = 5006.41

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE
1	W.P.	2/93

ENGINEER'S SEAL
SCOTT M. McGEE NEW MEXICO 10519 REGISTERED PROFESSIONAL ENGINEER
7-13-94

NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	

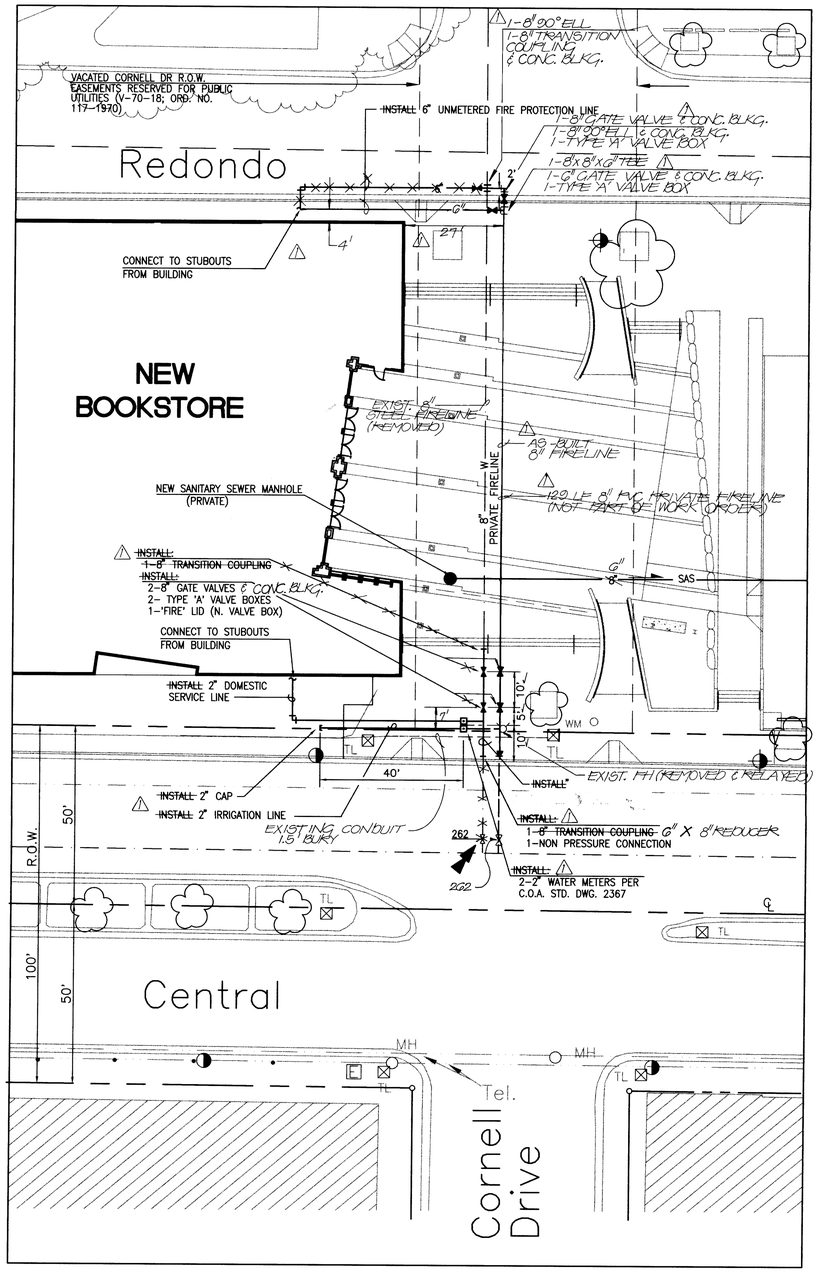
DESIGNED BY DATE
DRAWN BY DATE
CHECKED BY DATE

SCALE: 1" = 20'

5' 10'
10' 0 20'

LEGEND

- EXISTING SANITARY SEWER M.H.
- EXISTING SANITARY SEWER
- PROPOSED SANITARY SEWER M.H.
- PROPOSED SANITARY SEWER
- EXISTING WATER LINE
- PROPOSED WATER LINE
- EXISTING WATER VALVE
- PROPOSED WATER VALVE



WATER VALVE SHUTOFF PLAN NOTES:

1. AS A MINIMUM, THE FOLLOWING VALVES SHALL BE CLOSED TO FACILITATE THE NON-PRESSURE CONNECTION:

   262

2. THE CONTRACTOR SHALL NOTIFY WATER SYSTEMS THREE (3) WORKING DAYS IN ADVANCE OF ANY WORK THAT MAY AFFECT EXISTING WATERLINE. ALL SHUTOFFS SHALL BE PERFORMED BY THE WATER SYSTEM DIVISION PERSONNEL (857-8200)

3. THE CONTRACTOR SHALL PROVIDE ALL RESTRAINTS AND THRUST BLOCKS NECESSARY TO EFFECT THE NECESSARY SHUTOFFS AND CONNECTIONS.

4. EXISTING WATER VALVE AND WATERLINE INFORMATION OBTAINED FROM CITY OF ALBUQUERQUE AUTOMATED WATER DISTRIBUTION SYSTEM SECTIONAL MAPS, PLATE K-16.

NOTE:

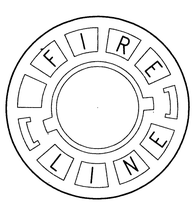
SIDEWALK REMOVALS AND REPLACEMENT BY SEPARATE PERMIT.

RECORD DRAWING

I, Jeffrey G. Mortensen, Registered Professional Engineer in the State of New Mexico, do hereby certify that this "as-built" information was obtained by me or under my supervision and represents the "as-built" conditions of this project, and is true and correct to the best of my knowledge and belief. All vertical and horizontal dimensions should be field verified prior to use on future projects.

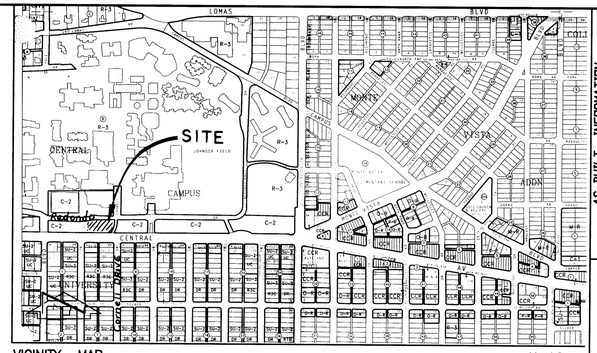
Jeffrey G. Mortensen — 11-27-95
NMPE No. 8547 — Date

JEFFREY G. MORTENSEN · NEW MEXICO · 8547 · REGISTERED PROFESSIONAL ENGINEER



FIRELINE VALVE BOX LID
NO SCALE

RECORD DRAWING



VICINITY MAP
SCALE: 1" = 750'±

K-16

GENERAL NOTES:

1. ALL WORK DETAILED ON THESE PLANS TO BE PERFORMED UNDER CONTRACT SHALL, EXCEPT AS OTHERWISE STATED OR PROVIDED FOR HEREON, BE CONSTRUCTED IN ACCORDANCE WITH THE CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS - PUBLIC WORKS CONSTRUCTION - 1986. (UPDATE NO.5)

2. TWO (2) WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT NEW MEXICO ONE CALL SYSTEM, 260-1990, FOR LOCATION OF EXISTING UTILITIES.

3. IF ANY UTILITY LINES, PIPELINES, OR UNDERGROUND UTILITY LINES ARE SHOWN ON THESE DRAWINGS, THEY ARE SHOWN IN AN APPROXIMATE MANNER ONLY, AND SUCH LINES MAY EXIST WHERE NONE ARE SHOWN. IF ANY SUCH EXISTING LINES ARE SHOWN, THE LOCATION IS BASED UPON INFORMATION PROVIDED BY THE OWNER OF SAID UTILITY, AND THE INFORMATION MAY BE INCOMPLETE, OR MAY BE OBSOLETE BY THE TIME CONSTRUCTION COMMENCES. THE ENGINEER HAS CONDUCTED ONLY PRELIMINARY INVESTIGATION OF THE LOCATION, DEPTH, SIZE, OR TYPE OF EXISTING UTILITY LINES, PIPELINES, OR UNDERGROUND UTILITY LINES. THIS INVESTIGATION IS NOT CONCLUSIVE, AND MAY NOT BE COMPLETE, THEREFORE, MAKES NO REPRESENTATION PERTAINING THERETO, AND ASSUMES NO RESPONSIBILITY OR LIABILITY THEREFOR. THE CONTRACTOR SHALL INFORM ITSELF OF THE LOCATION OF ANY UTILITY LINE, PIPELINE, OR UNDERGROUND 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, PIPELINES, AND UNDERGROUND UTILITY LINES. IN PLANNING AND CONDUCTING EXCAVATION, THE CONTRACTOR SHALL COMPLY WITH STATE STATUTES, MUNICIPAL AND LOCAL ORDINANCES, RULES AND REGULATIONS, IF ANY, PERTAINING TO THE LOCATION OF THESE LINES AND FACILITIES.

4. SHOULD A CONFLICT EXIST BETWEEN THESE PLANS AND ACTUAL FIELD CONDITIONS, THE CONTRACTOR SHALL PROMPTLY NOTIFY THE ENGINEER IN WRITING SO THAT THE CONFLICT CAN BE RESOLVED WITH A MINIMUM AMOUNT OF DELAY FOR ALL PARTIES.

5. THE CONTRACTOR SHALL MAINTAIN ACCESS TO ADJACENT PROPERTIES DURING CONSTRUCTION.

6. ALL WORK ON THIS PROJECT SHALL BE PERFORMED IN ACCORDANCE WITH APPLICABLE FEDERAL, STATE AND LOCAL LAWS, RULES AND REGULATIONS CONCERNING SAFETY AND HEALTH.

7. ALL UTILITIES AND UTILITY SERVICE LINES SHALL BE INSTALLED PRIOR TO PAVING.

8. BACKFILL COMPACTION SHALL BE ACCORDING TO SPECIFIED STREET USE.

9. TACK COAT REQUIREMENTS SHALL BE DETERMINED DURING CONSTRUCTION BY THE PROJECT ENGINEER.

10. SIDEWALKS AND WHEELCHAIR RAMPS WITHIN THE CURB RETURNS SHALL BE CONSTRUCTED WHEREVER A NEW CURB RETURN IS CONSTRUCTED.

11. IF CURB IS DEPRESSED FOR A DRIVEPAD OR A HANDICAP RAMP, THE DRIVEPAD OR RAMP SHALL BE CONSTRUCTED PRIOR TO ACCEPTANCE OF THE CURB AND GUTTER.

12. ALL STORM DRAINAGE FACILITIES SHALL BE COMPLETED PRIOR TO FINAL ACCEPTANCE.

13. CONTRACTOR SHALL COORDINATE WITH THE WATER SYSTEM DIVISION FOR THE EXECUTION OF THE VALVE SHUT OFF PLAN, NOT LESS THAN THREE (3) WORKING DAYS IN ADVANCE OF ANY WORK THAT MAY AFFECT THE EXISTING PUBLIC WATER UTILITIES. ONLY WATER SYSTEM DIVISION PERSONNEL SHALL OPERATE EXISTING VALVES. REFER TO SECTION 18 OF THE SPECIFICATION.

14. CONTRACTOR SHALL NOTIFY THE CITY SURVEYOR NOT LESS THAN SEVEN (7) DAYS PRIOR TO STARTING WORK IN ORDER THAT THE CITY SURVEYOR MAY TAKE NECESSARY MEASURES TO INSURE THE PRESERVATION OF SURVEY MONUMENTS. CONTRACTOR SHALL NOT DISTURB PERMANENT SURVEY MONUMENTS WITHOUT THE CONSENT OF THE CITY SURVEYOR AND SHALL NOTIFY THE CITY SURVEYOR AND BEAR THE EXPENSE OF REPLACING ANY THAT MAY BE DISTURBED WITHOUT PERMISSION. REPLACEMENT SHALL BE DONE ONLY BY THE CITY SURVEYOR. WHEN A CHANGE IS MADE IN THE FINISHED ELEVATION OF THE PAVEMENT OF ANY ROADWAY IN WHICH A PERMANENT SURVEY MONUMENT IS LOCATED, CONTRACTOR SHALL, AT HIS OWN EXPENSE, ADJUST THE MONUMENT COVER TO THE NEW GRADE UNLESS OTHERWISE SPECIFIED. REFER TO SECTION 4.4 OF THE SPECIFICATIONS.

15. THREE (3) WORKING DAYS PRIOR TO BEGINNING CONSTRUCTION THE CONTRACTOR SHALL SUBMIT TO THE CONSTRUCTION CO-ORDINATION DIVISION A DETAILED CONSTRUCTION SCHEDULE. TWO (2) WORKING DAYS PRIOR TO CONSTRUCTION THE CONTRACTOR SHALL OBTAIN A BARRICADING PERMIT FROM THE CONSTRUCTION CO-ORDINATION DIVISION. CONTRACTOR SHALL NOTIFY BARRICADE ENGINEER (768-2551) PRIOR TO OCCUPYING AN INTERSECTION. CONTRACTOR MUST REFER TO SECTION 19 OF THE STANDARD SPECIFICATION FOR TRAFFIC CONTROL.

16. 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.

17. CAUTION: THESE DRAWINGS DO NOT INCLUDE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY WHICH SHALL REMAIN THE RESPONSIBILITY OF THE CONTRACTOR.

18. ANY WORK OCCURING WITHIN AN ARTERIAL ROADWAY REQUIRES TWENTY-FOUR HOUR CONSTRUCTION.

19. ALL UTILITIES ENCOUNTERED WITHIN THE WORK AREA SHALL BE ADJUSTED TO GRADE. ALL COSTS INCURRED IN MAKING THE ADJUSTMENTS SHALL BE CONSIDERED INCIDENTAL TO CONSTRUCTION, THEREFORE, NO SEPARATE PAYMENT WILL BE MADE.

26-52553.90 01/95

APPROVAL OF AS BUILT DRAWINGS
CHIEF CONSTRUCTION ENGINEER
DATE 1-2-96

APPROVED FOR CONSTRUCTION
CITY ENGINEER — DATE 7/25/95

jma
JEFF MORTENSEN & ASSOCIATES, INC.
☐ 6010-B MIDWAY PARK BLVD. N.E.
☐ ALBUQUERQUE ☐ NEW MEXICO 87109
☐ ENGINEERS ☐ SURVEYORS (505) 345-4250
930085

SCANNED BY LASON

AS BUILT INFORMATION

CONTRACTOR	TLC PLUMBING	DATE 10/95
WORK STAKED BY	M.F.D.	DATE 11/95
INSPECTOR ACCEPTANCE BY	M.F.D.	DATE 11/95
FIELD VERIFICATION BY	J.M.A.	DATE 11/95
DRAWINGS CORRECTED BY	MICRO-FILM INFORMATION	DATE
RECORDED BY		NO.

BENCH MARKS: N/A

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE
	U.N.M.	

ENGINEER'S SEAL

JEFFREY G. MORTENSEN · NEW MEXICO · 8547 · REGISTERED PROFESSIONAL ENGINEER
11-27-95

AS-BUILT & CERTIFY 11/95

NO.	DATE	REMARKS
		REVISIONS
		DESIGN

		DATE
DESIGNED BY	J.G.M.	07-95
DRAWN BY	S.G.H.	07-95
CHECKED BY	J.G.M.	07-95

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: U.N.M. BOOKSTORE
PRIVATE FIRELINE AND WATER SERVICE

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN	B.J. Stanley	8-18-95	WATER	R.W. Kane	7-24-95
TRANSPORTATION	[illegible]	7-25-95	WASTE WATER	R.W. Kane	7-24-95
HYDROLOGY	[illegible]	7/25/95			

PROJECT NO.	MAP NO.	SHEET	OF
5253.90	K-16	1	1

CONSTRUCTION PLANS
for
LOT 1, BLOCK A
KIRTLAND ADDITION

WATER AND SANITARY SEWER EXTENSIONS

ALBUQUERQUE, NEW MEXICO
AUGUST, 1995

◦ LEGEND ◦

MATERIALS

- CONCRETE
- RIP-RAP

LINES

- SUBDIVISION BOUNDARY
- PROPERTY LINE (PLAN)
- PROPERTY LINE (SECTION)
- CENTERLINE
- EASEMENT LINE
- MATCH LINE
- SECTION CUT LINE

EARTHWORK

	EXISTING	NEW
CONTOUR LINE	25	25
SPOT ELEVATION		
PROJECT / PHASE BOUNDARY		
FLOWLINE		
DIRECTION OF FLOW		

MISCELLANEOUS UTILITIES

- GAS LINE
- UNDERGROUND TELEPHONE
- UNDERGROUND ELECTRICAL
- STORM DRAIN
- STORM DRAIN MANHOLE
- STORM DRAIN INLET

SANITARY SEWER

- SANITARY SEWER LINE
- SANITARY SEWER MANHOLE
- SAS SERVICE CONNECTIONS
- SAS CAP OR PLUG
- ENCASEMENT

WATER

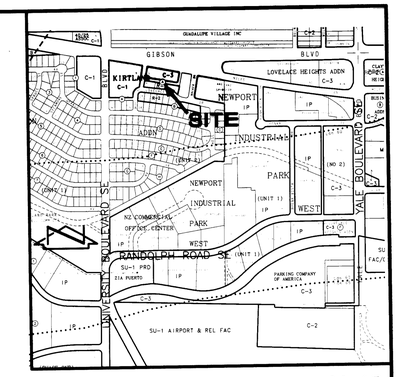
- WATER LINE
- WATER SERVICE CONNECTIONS
- GATE VALVE
- FIRE HYDRANT
- BUTTERFLY VALVE
- REDUCER
- WATER PRESSURE ZONE BOUNDARY

WATER FITTINGS

- CAPS AND PLUGS
- ELBOW
- CROSS
- TEE

MISCELLANEOUS

- CHAINLINK FENCE
- FIELD FENCE
- COMMON YARD WALL
- RETAINING WALL
- POWER OR TELEPHONE POLE



VICINITY MAP M-15
SCALE: 1" = 750'

INDEX OF DRAWINGS

SHEET	DESCRIPTION
1	COVER SHEET, VICINITY MAP, GENERAL NOTES, LEGEND AND INDEX OF DRAWINGS
2	TOPOGRAPHIC SURVEY (FOR INFORMATION ONLY)
3	PUBLIC ALLEY SANITARY SEWER LINE EXTENSION
4	WALKER DRIVE S.E. WATERLINE EXTENSION
5	SIGNING AND CONSTRUCTION TRAFFIC CONTROL STANDARDS
6	TYPICAL TRAFFIC CONTROL AND SIGNING EXAMPLES

RECORD DRAWING

⚠ **RECORD DRAWING**

I, Jeffrey G. Mortensen, Registered Professional Engineer in the State of New Mexico, do hereby certify that this "as-built" information was obtained by me or under my supervision and represents the "as-built" conditions of this project, and is true and correct to the best of my knowledge and belief. All vertical and horizontal dimensions should be field verified prior to use on future projects.

Jeffrey G. Mortensen
NMPE/No. 8547

JEFFREY G. MORTENSEN NEW MEXICO 8547 REGISTERED PROFESSIONAL ENGINEER

8-14-95
Date

APPROVAL OF AS BUILT DRAWINGS
CHIEF CONSTRUCTION ENGINEER
DATE 1-4-96

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

SCANNED BY
BY LASON 940866

GENERAL NOTES

1. ALL WORK DETAILED ON THESE PLANS TO BE PERFORMED UNDER CONTRACT SHALL, EXCEPT AS OTHERWISE STATED OR PROVIDED FOR HEREON, BE CONSTRUCTED IN ACCORDANCE WITH THE CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS–PUBLIC WORKS CONSTRUCTION–1986 (UPDATE NO. 6).
2. TWO (2) WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT NEW MEXICO ONE CALL SYSTEM, 260–1990, FOR LOCATION OF EXISTING UTILITIES.
3. IF ANY UTILITY LINES, PIPELINES, OR UNDERGROUND UTILITY LINES ARE SHOWN ON THESE DRAWINGS, THEY ARE SHOWN IN AN APPROXIMATE MANNER ONLY, AND SUCH LINES MAY EXIST WHERE NONE ARE SHOWN. IF ANY SUCH EXISTING LINES ARE SHOWN, THE LOCATION IS BASED UPON INFORMATION PROVIDED BY THE OWNER OF SAID UTILITY, AND THE INFORMATION MAY BE INCOMPLETE, OR MAY BE OBSOLETE BY THE TIME CONSTRUCTION COMMENCES. THE ENGINEER HAS CONDUCTED ONLY PRELIMINARY INVESTIGATION OF THE LOCATION, DEPTH, SIZE, OR TYPE OF EXISTING UTILITY LINES, PIPELINES, OR UNDERGROUND UTILITY LINES. THIS INVESTIGATION IS NOT CONCLUSIVE, AND MAY NOT BE COMPLETE, THEREFORE, MAKES NO REPRESENTATION PERTAINING THERETO, AND ASSUMES NO RESPONSIBILITY OR LIABILITY THEREFOR. THE CONTRACTOR SHALL INFORM ITSELF OF THE LOCATION OF ANY UTILITY LINE, PIPELINE, OR UNDERGROUND 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, PIPELINES, AND UNDERGROUND UTILITY LINES. IN PLANNING AND CONDUCTING EXCAVATION, THE CONTRACTOR SHALL COMPLY WITH STATE STATUTES, MUNICIPAL AND LOCAL ORDINANCES, RULES AND REGULATIONS, IF ANY, PERTAINING TO THE LOCATION OF THESE LINES AND FACILITIES.
4. SHOULD A CONFLICT EXIST BETWEEN THESE PLANS AND ACTUAL FIELD CONDITIONS, THE CONTRACTOR SHALL PROMPTLY NOTIFY THE ENGINEER IN WRITING SO THAT THE CONFLICT CAN BE RESOLVED WITH A MINIMUM AMOUNT OF DELAY FOR ALL PARTIES.
5. THE CONTRACTOR SHALL MAINTAIN ACCESS TO ADJACENT PROPERTIES DURING CONSTRUCTION.
6. ALL WORK ON THIS PROJECT SHALL BE PERFORMED IN ACCORDANCE WITH APPLICABLE FEDERAL, STATE AND LOCAL LAWS, RULES AND REGULATIONS CONCERNING SAFETY AND HEALTH.
7. ALL UTILITIES AND UTILITY SERVICE LINES SHALL BE INSTALLED PRIOR TO PAVING.
8. BACKFILL COMPACTION SHALL BE ACCORDING TO SPECIFIED STREET USE.
9. TACK COAT REQUIREMENTS SHALL BE DETERMINED DURING CONSTRUCTION BY THE PROJECT ENGINEER.
10. SIDEWALKS AND WHEELCHAIR RAMPS WITHIN THE CURB RETURNS SHALL BE CONSTRUCTED WHEREVER A NEW CURB RETURN IS CONSTRUCTED.
11. IF CURB IS DEPRESSED FOR A DRIVEPAD OR A HANDICAP RAMP, THE DRIVEPAD OR RAMP SHALL BE CONSTRUCTED PRIOR TO ACCEPTANCE OF THE CURB AND GUTTER.
12. ALL STORM DRAINAGE FACILITIES SHALL BE COMPLETED PRIOR TO FINAL ACCEPTANCE.
13. CONTRACTOR SHALL COORDINATE WITH NEW MEXICO UTILITIES, INC. FOR THE EXECUTION OF A VALVE SHUT OFF PLAN, NOT LESS THAN THREE (3) WORKING DAYS IN ADVANCE OF ANY WORK THAT MAY AFFECT THE EXISTING PUBLIC WATER UTILITIES. ONLY NMU, INC. PERSONNEL SHALL OPERATE EXISTING VALVES.
14. CONTRACTOR SHALL NOTIFY THE CITY SURVEYOR NOT LESS THAN SEVEN (7) DAYS PRIOR TO STARTING WORK IN ORDER THAT THE CITY SURVEYOR MAY TAKE NECESSARY MEASURES TO INSURE THE PRESERVATION OF SURVEY MONUMENTS. CONTRACTOR SHALL NOT DISTURB PERMANENT SURVEY MONUMENTS WITHOUT THE CONSENT OF THE CITY SURVEYOR AND SHALL NOTIFY THE CITY SURVEYOR AND BEAR THE EXPENSE OF REPLACING ANY THAT MAY BE DISTURBED WITHOUT PERMISSION. REPLACEMENT SHALL BE DONE ONLY BY THE CITY SURVEYOR. WHEN A CHANGE IS MADE IN THE FINISHED ELEVATION OF THE PAVEMENT OF ANY ROADWAY IN WHICH A PERMANENT SURVEY MONUMENT IS LOCATED, CONTRACTOR SHALL, AT HIS OWN EXPENSE, ADJUST THE MONUMENT COVER TO THE NEW GRADE UNLESS OTHERWISE SPECIFIED.
15. THREE (3) WORKING DAYS PRIOR TO BEGINNING CONSTRUCTION THE CONTRACTOR SHALL SUBMIT TO THE CONSTRUCTION DIVISION A DETAILED CONSTRUCTION SCHEDULE. TWO (2) WORKING DAYS PRIOR TO CONSTRUCTION THE CONTRACTOR SHALL OBTAIN A BARRICADEING PERMIT FROM THE CONSTRUCTION CO-ORDINATION DIVISION. CONTRACTOR SHALL NOTIFY BARRICADE ENGINEER (768–2551) PRIOR TO OCCUPYING AN INTERSECTION. CONTRACTOR MUST REFER TO SECTION 19 OF THE STANDARD SPECIFICATIONS FOR TRAFFIC CONTROL.
16. 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.
17. CAUTION: THESE DRAWINGS DO NOT INCLUDE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY WHICH SHALL REMAIN THE RESPONSIBILITY OF THE CONTRACTOR.
18. ANY WORK OCCURING WITHIN AN ARTERIAL ROADWAY REQUIRES TWENTY–FOUR HOUR CONSTRUCTION.

REV.	SHEETS	CITY ENGINEER	DATE	USER DEPARTMENT	DATE	USER DEPARTMENT	DATE
⚠	1-8		11/95				

APPROVAL OF REVISIONS

JEFFREY G MORTENSEN NEW MEXICO 8547 REGISTERED PROFESSIONAL ENGINEER
08-28-95
08-18-95

jma
JEFF MORTENSEN & ASSOCIATES, INC.
6010-B MIDWAY PARK BLVD N.E.
ALBUQUERQUE NEW MEXICO 87109
ENGINEERS SURVEYORS (505) 345-4250

APPROVED FOR CONSTRUCTION
C.E.

PROJECT NO. 5283.90

SHEET 1 OF 6

LEGEND

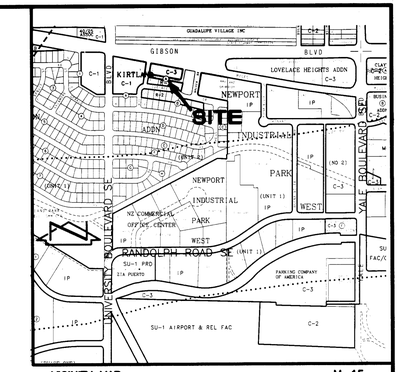
TC	TOP OF CURB
FL	FLOW LINE
NG	NATURAL GROUND
+ 91.93	SPOT ELEVATION
	GUY WIRE/ANCHOR
	POWER POLE
	LIGHT POLE
	MANHOLE
	CONTROL POINT

PROJECT BENCHMARK = T.B.M.

CITY OF ALBUQUERQUE BENCHMARK "G-9A".
STATION IS STAMPED "ACS,G-9A, 1984", A 3 1/4" ALUMINUM TABLET SET FLUSH IN THE CONCRETE GUTTER. TO REACH THE STATION FROM I-25, TRAVEL EAST ON GIBSON BLVD. 0.7 MILES. AS SHOWN BELOW.
ELEVATION = 5143.07' (M.S.L.D.)

LEGAL DESCRIPTION

LOT 9, BLOCK A, KIRTLAND ADDITION
LOT 1, BLOCK A, KIRTLAND ADDITION
UNPLATTED PARCELS
TRACT 4-A-1, NEWPORT INDUSTRIAL PARK-WEST, UNIT 2
MILES RD. S.E., WALKER DRIVE S.E., AND PUBLIC ALLEYS (VACATED BY V-95-9)



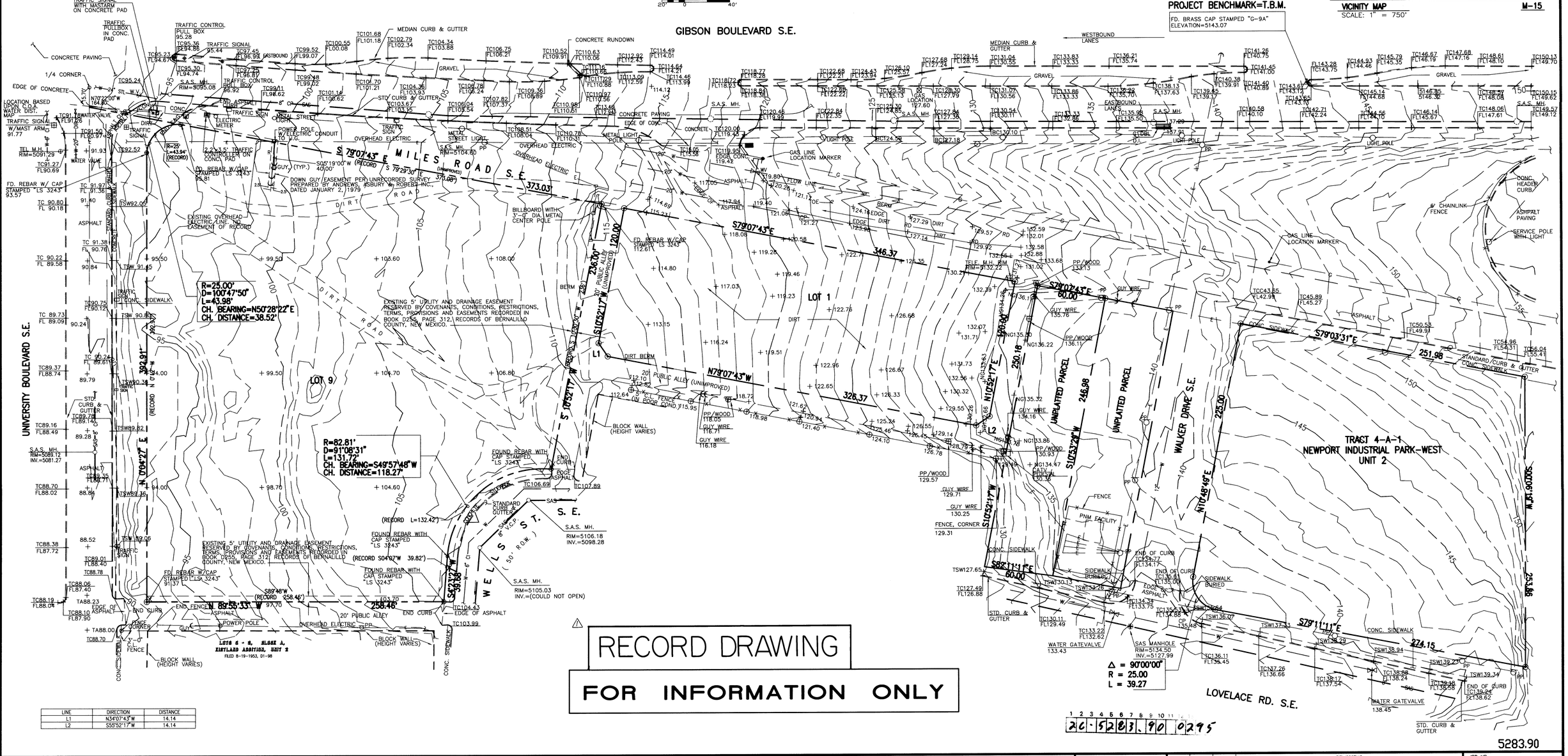
VICINITY MAP
SCALE: 1" = 750'

M-15

SCALE: 1" = 40'

PROJECT BENCHMARK=T.B.M.

FD. BRASS CAP STAMPED "G-9A"
ELEVATION=5143.07



LINE	DIRECTION	DISTANCE
L1	N34°07'43"W	14.14
L2	S55°52'17"W	14.14

JEFF MORTENSEN & ASSOCIATES, INC.
6010-B MIDWAY PARK BLVD. N.E.
ALBUQUERQUE NEW MEXICO 87109
ENGINEERS SURVEYORS (505) 345-4250

TOPOGRAPHIC SURVEY

MILES ROAD EXTENSION PROPERTIES

SCANNED BY BY LASON

SURVEYED BY R.C.W.
DRAWN BY C.J.H./T.N.T.
APPROVED BY C.G.C.

NO.	DATE	BY	REVISIONS
1	11/96	M.D.B.	RECORD DRAWING

JOB NO. 940866
DATE 08-1995
SHEET 2 OF 6

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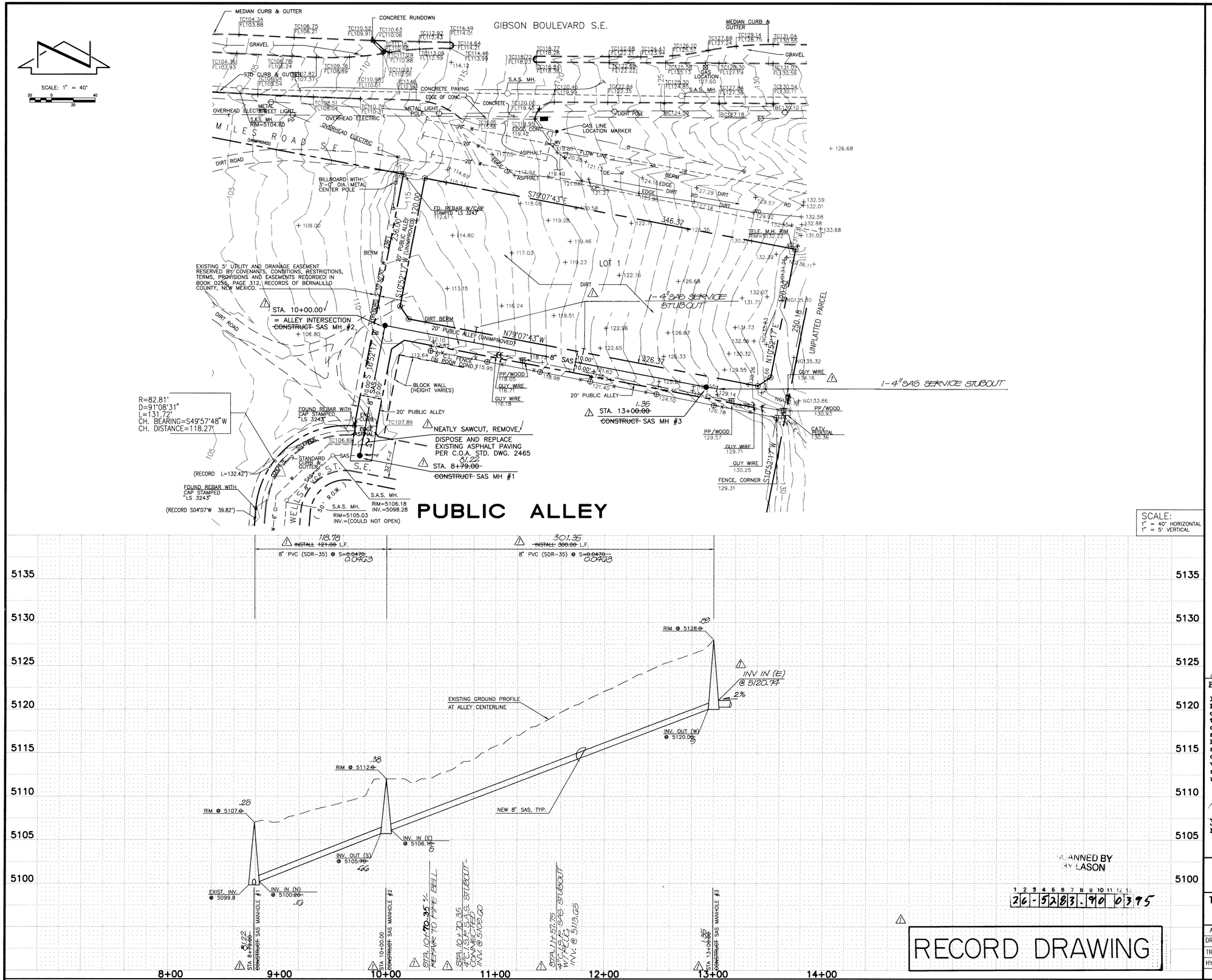

SANITARY SEWER CONSTRUCTION NOTES:

1. ALL STATIONING IS BASED ON ALLEY CENTERLINE UNLESS INDICATED OTHERWISE.
2. ALL SEWER PIPE SHALL BE PVC (SDR 35).
3. SLOPES SHOWN ON THE PROFILES ARE BASED ON TRUE DISTANCES.
4. ALL MANHOLES SHALL BE FOUR-FOOT DIAMETER TYPE 'E' AS PER CITY OF ALBUQUERQUE STANDARD DRAWING 2102 UNLESS OTHERWISE NOTED. MANHOLE STEPS ARE REQUIRED IN ACCORDANCE WITH CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS.
5. SEWER SERVICE LATERALS SHALL BE PROVIDED WITH ELECTRONIC MARKER DISCS AS PER CITY OF ALBUQUERQUE STANDARD DRAWING 2125. EMD SHALL BE PROVIDED IN ACCORDANCE WITH THE STANDARD SPECIFICATION.
6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR SELECTING APPROPRIATE MEANS AND METHODS TO EXCAVATE AND TRENCH AND INSTALL PIPE SO AS TO NOT EXCEED RIGHT-OF-WAY OR EASEMENT LIMITS, AND SO AS NOT TO INTERFERE WITH OTHER UTILITIES. THIS SHALL BE CONSIDERED INCIDENTAL TO TRENCHING, THEREFORE, NO SEPARATE PAYMENT WILL BE MADE.
7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING, SUPPORTING AND REPLACING, IF DAMAGED, ALL OTHER UTILITIES ENCOUNTERED DURING CONSTRUCTION. THIS SHALL BE CONSIDERED INCIDENTAL TO TRENCHING, THEREFORE, NO SEPARATE PAYMENT WILL BE MADE.
8. WHERE WATER AND SANITARY SEWER LINES CROSS, THE SANITARY SEWER LINE SHALL BE INSTALLED AS PRESSURE PIPE BETWEEN MANHOLES IF 18 INCHES OF VERTICAL SEPARATION DOES NOT EXIST.

RECORD DRAWING

I, Jeffrey G. Mortensen, Registered Professional Engineer in the State of New Mexico, do hereby certify that this "as-built" information was obtained by me or under my supervision and represents the "as-built" conditions of this project, and is true and correct to the best of my knowledge and belief. All vertical and horizontal dimensions should be field verified prior to use on future projects.

Jeffrey G. Mortensen 8547 — 11/21/95
NMPE No. 8547 — Date

JEFFREY G. MORTENSEN NEW MEXICO 8547 REGISTERED PROFESSIONAL ENGINEER

AS BUILT INFORMATION

CONTRACTOR	SUNCAVE MECH.	
WORK STAKED BY	J.M.A.	DATE 10/95
INSPECTOR'S ACCEPTANCE BY	M.D.S.	DATE 11/95
FIELD VERIFICATION BY	M.D.S.	DATE 11/95
DRAWINGS CORRECTED BY	J.M.A.	DATE 11/95

MICRO-FILM INFORMATION

RECORDED BY — DATE

NO.

BENCH MARKS

ACS CONTROL MONUMENT "G-9A".
A 3 1/4" ALUMINUM TABLET SET FLUSH IN THE CONCRETE GUTTER, STAMPED "ACS,G-9A, 1984"
ELEVATION = 5143.07 FEET (M.S.L.D.)

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE
940866	J.M.A.	07/95

ENGINEER'S SEAL

JEFFREY G. MORTENSEN NEW MEXICO 8547 REGISTERED PROFESSIONAL ENGINEER — 08-28-95

AS-BUILT CERTIFY

NO.	DATE	REMARKS	BY
	11/95		M.D.S.

REVISIONS

		DATE
DESIGNED BY	J.G.M.	08-95
DRAWN BY	T.N.T.	08-95
CHECKED BY	J.G.M.	08-95

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: LOT 1, BLOCK A – KIRTLAND ADDITION
PUBLIC ALLEY SANITARY SEWER LINE EXTENSION
STA. 8+79.00 TO STA. 13+00.00

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN			WATER	R.W. Kane	8-30-95
TRANSPORTATION		9-26-95	WASTE WATER	R.W. Kane	8-30-95
HYDROLOGY	WA	9/8/95			

PROJECT NO. 5283.90 | MAP NO. M-15 | SHEET 3 OF 6

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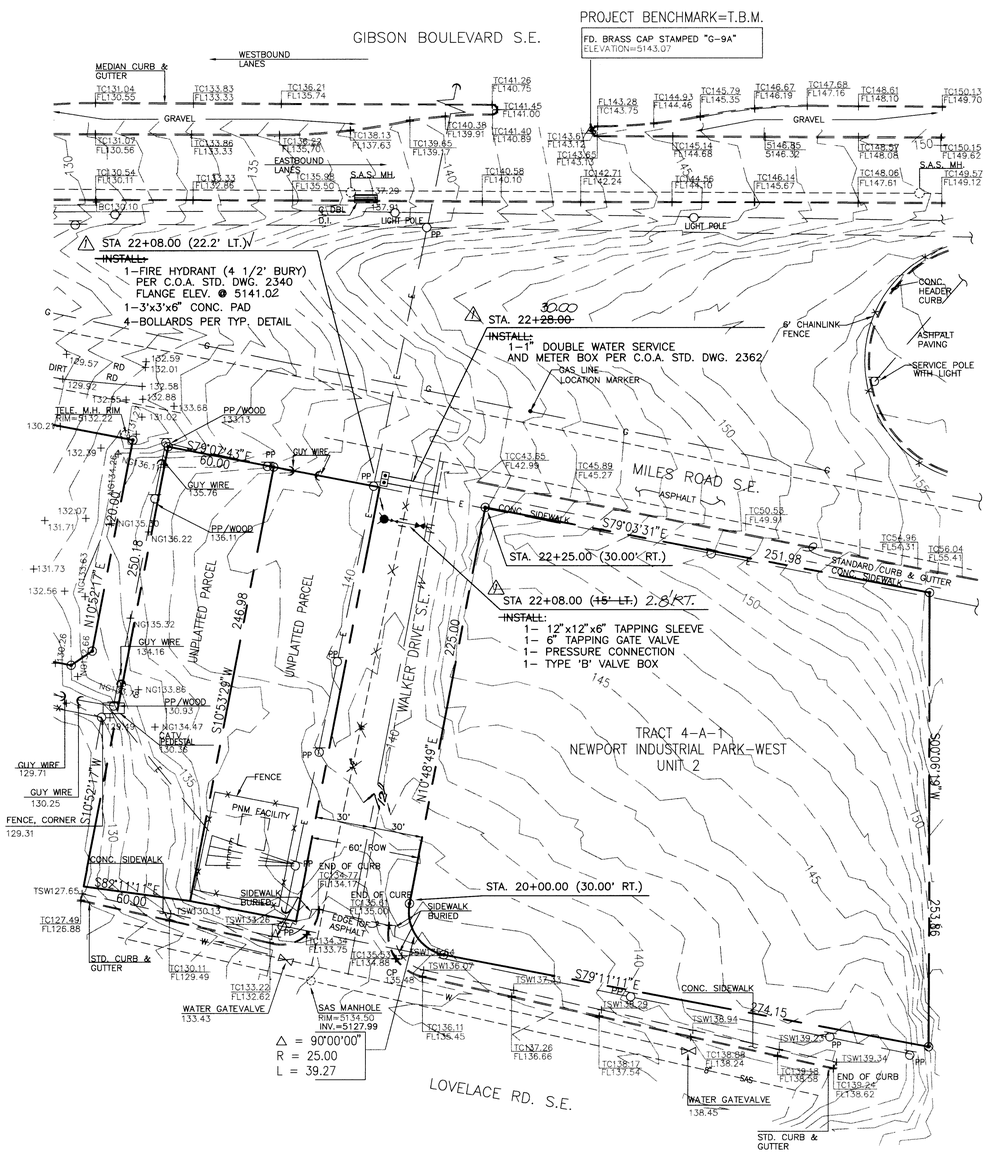
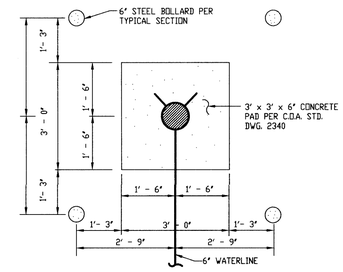
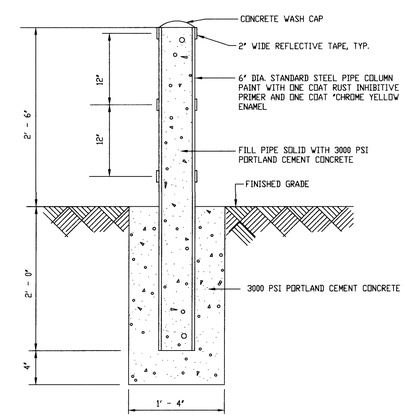
SCALE: 1" = 40'





FIRE HYDRANT BOLLARD DETAIL

SCALE: 1" = 2' - 0"



TYPICAL BOLLARD SECTION

SCALE: 1" = 1' - 0"

WATERLINE CONSTRUCTION NOTES:

1. ALL STATIONING IS BASED ON STREET CENTERLINE UNLESS INDICATED OTHERWISE.
2. FOR ALL LINES 12" AND SMALLER, WATER MAIN SHALL BE PVC C-900 PIPE OR AS APPROVED BY THE CITY OF ALBUQUERQUE.
3. FOR ALL LINES 14" AND LARGER, WATER MAIN SHALL BE DUCTILE IRON OR AS APPROVED BY THE CITY OF ALBUQUERQUE.
4. WATERLINE SHALL HAVE A MINIMUM COVER OF 4'-0" (FINISHED GRADE TO TOP OF PIPE). EXTRA DEPTH TRENCHING, IF REQUIRED, SHALL BE CONSIDERED INCIDENTAL TO CONSTRUCTION, THEREFORE, NO SEPARATE PAYMENT WILL BE MADE.
5. ELECTRONIC MARKER DISCS (EMD) SHALL BE INSTALLED IN ACCORDANCE WITH THE STANDARD SPECIFICATION.
6. IN ACCORDANCE WITH SECTION 801 OF THE "STANDARD SPECIFICATIONS", METALIZED DETECTABLE WARNING TAPE SHALL BE INSTALLED 18" ABOVE ALL PVC PIPE INSTALLED ON THIS PROJECT.
7. VALVE STEM AND FIRE HYDRANT EXTENSIONS SHALL BE PROVIDED IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS. THE COST OF EACH EXTENSION SHALL BE CONSIDERED INCIDENTAL TO CONSTRUCTION THEREFORE NO SEPARATE PAYMENT WILL BE MADE.
8. JOINT RESTRAINT SHALL BE CONSIDERED INCIDENTAL TO WATERLINE CONSTRUCTION THEREFORE NO SEPARATE PAYMENT WILL BE MADE.
9. JOINT RESTRAINT SHALL BE PROVIDED ON ALL JOINTS OF FIRE HYDRANT LEGS FROM TEE TO FIRE HYDRANT INCLUDING THE TEE AND FIRE HYDRANT.
10. FOR THE PURPOSES OF THIS PROJECT, ALL RESTRAINED JOINTS AND JOINT RESTRAINT SHALL BE MECHANICALLY RESTRAINED.

RECORD DRAWING

I, Jeffrey G. Mortensen, Registered Professional Engineer in the State of New Mexico, do hereby certify that this "as-built" information was obtained by me or under my supervision and represents the "as-built" conditions of this project, and is true and correct to the best of my knowledge and belief. All vertical and horizontal dimensions should be field verified prior to use on future projects.

Jeffrey G. Mortensen Date 11/95
NMPE NO. 8547

JEFFREY G. MORTENSEN NEW MEXICO 8547 REGISTERED PROFESSIONAL ENGINEER

SCANNED BY BY LASON

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
2C-5283.90 6/96

RECORD DRAWING

940866

AS BUILT INFORMATION

		DATE
CONTRACTOR	SUNDANCE MECH.	10/95
STAKES BY	JMA	
INSPECTOR'S ACCEPTANCE BY	MDS.	11/95
FIELD VERIFICATION BY	MDS.	11/95
DRAWINGS CORRECTED BY	JMA	11/95

MICRO-FILM INFORMATION

RECORDED BY DATE
NO.

BENCH MARKS

ACS CONTROL MONUMENT "G-9A".
A 3 1/4" ALUMINUM TABLET SET FLUSH IN THE CONCRETE GUTTER, STAMPED "ACS,G-9A, 1984"
ELEVATION = 5143.07 FEET (M.S.L.D.)

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE
940865	J.M.A.	07/95

ENGINEER'S SEAL

JEFFREY G. MORTENSEN NEW MEXICO 8547 REGISTERED PROFESSIONAL ENGINEER

NO.	DATE	REMARKS	BY
1	11/95	AS-BUILT & CERTIFY	MDS

REVISIONS

DESIGN

		DATE
DESIGNED BY	J.G.M.	08-95
DRAWN BY	T.N.T.	08-95
CHECKED BY	J.G.M.	08-95

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: LOT 1, BLOCK A – KIRTLAND ADDITION
WALKER DRIVE SE WATERLINE EXTENSION
STA. 20+00.00 TO STA. 22+28.00

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN			WATER	R.W. Kane	8-30-95
TRANSPORTATION		9-26-95	WASTE WATER	R.W. Kane	8-30-95
HYDROLOGY	N/A	9/8/95			

PROJECT NO. 5283.90 | MAP NO. M-15 | SHEET 4 OF 6

CONSTRUCTION TRAFFIC CONTROL GENERAL NOTES

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

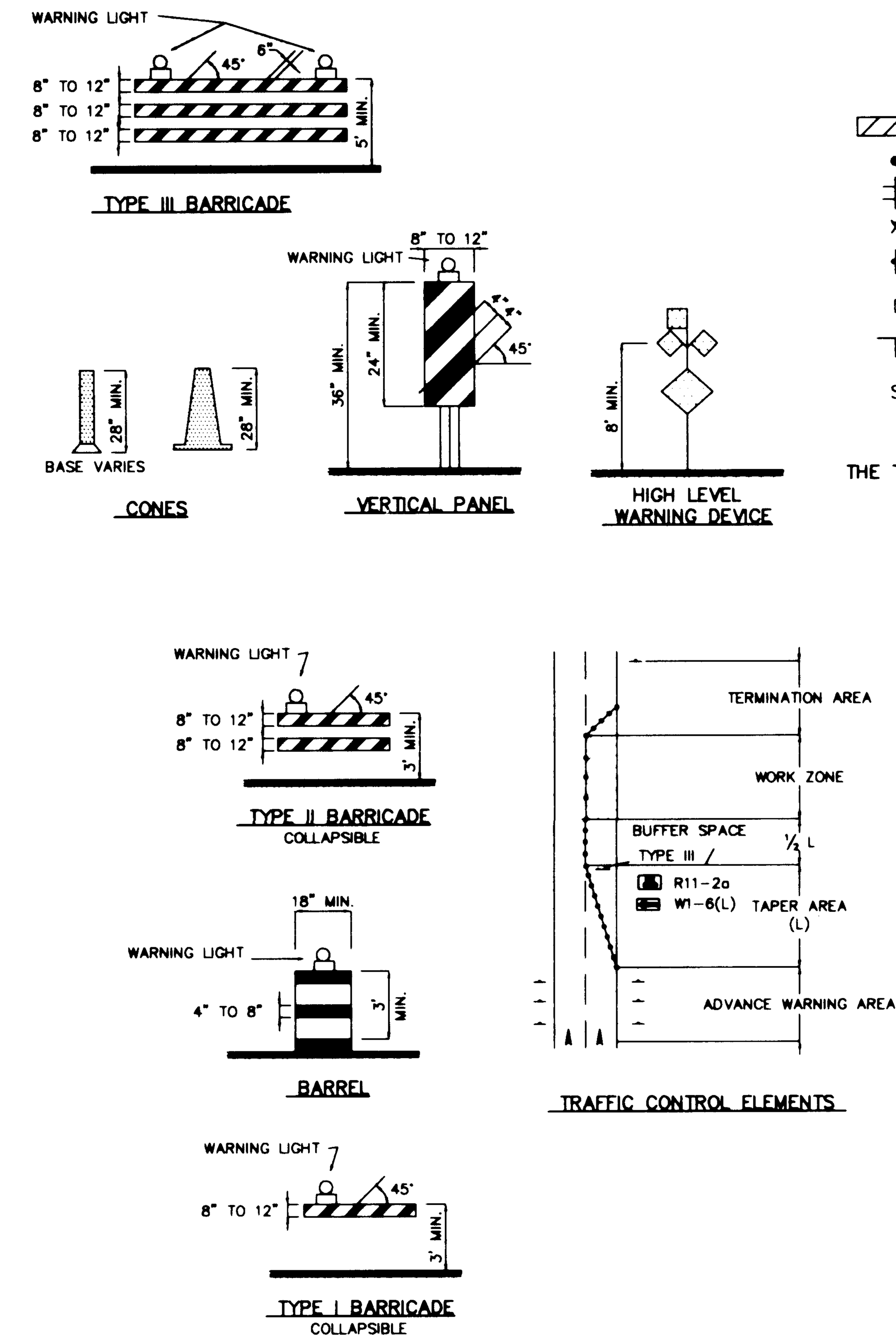
22. CONTRACTOR SHALL AT ALL TIMES COMPLY WITH THE FOLLOWING:
1. STANDARDS AND REQUIREMENTS SET FORTH IN THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, LATEST EDITION.
2. THE CITY OF ALBUQUERQUE TRAFFIC CODE, LATEST EDITION.
3. SECTION 19 OF THE CITY OF ALBUQUERQUE'S STANDARD SPECIFICATIONS FOR PUBLIC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

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

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

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

PROJECT CONSTRUCTION TRAFFIC CONTROL GENERAL NOTES



LEGEND

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

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

TAPER REQUIREMENTS

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

RECOMMENDED SIGN SPACING FOR ADVANCE WARNING SIGN SERIES

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

TAPER CRITERIA

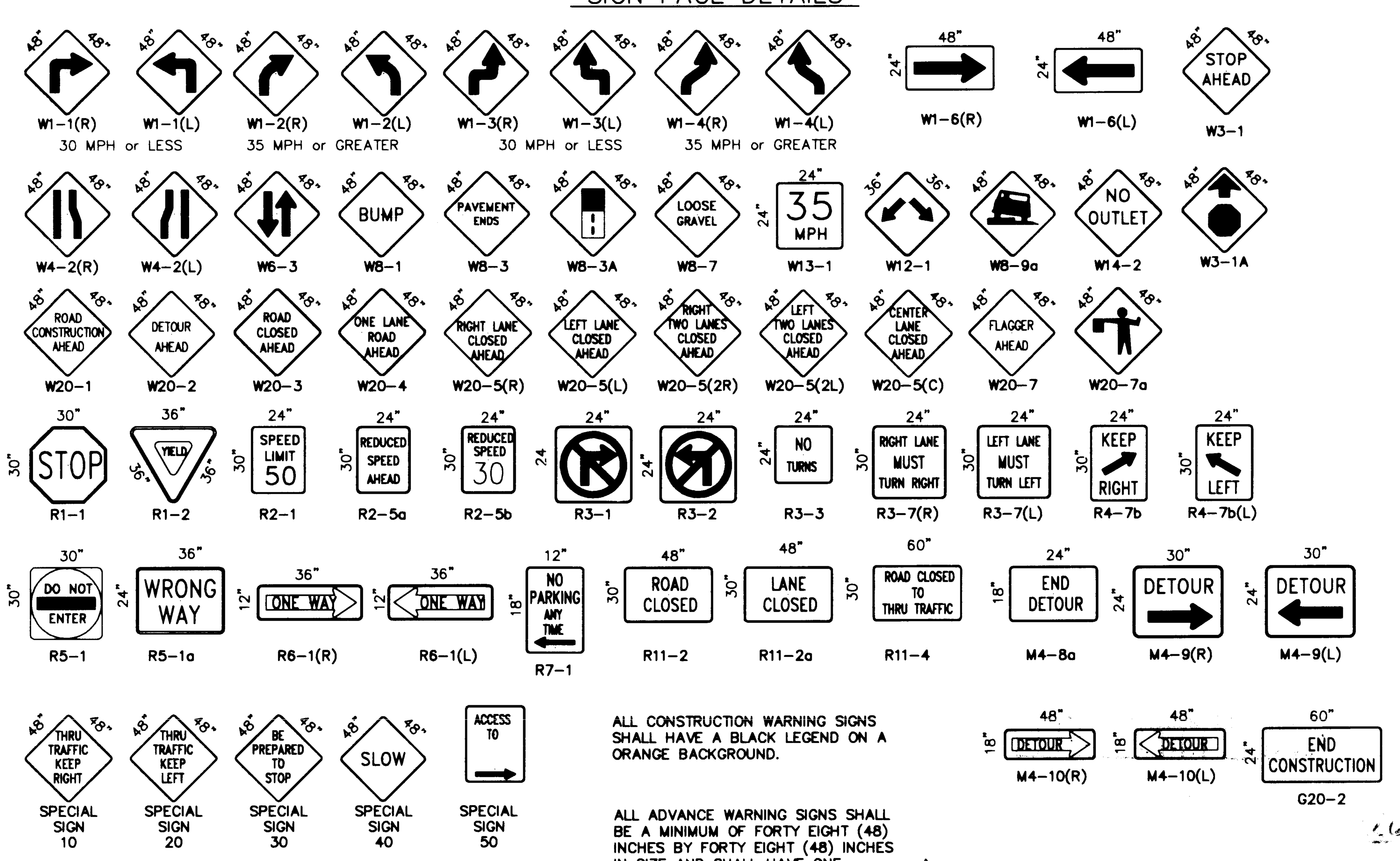
TYPE OF TAPER	TAPER LENGTH
UPSTREAM TAPER:	
MERGING TAPER	L MINIMUM
SHIFTING TAPER	½ L MINIMUM
SHOULDER TAPER	½ L MINIMUM
TWO-WAY TRAFFIC TAPER	100 FEET MAXIMUM
DOWNSTREAM TAPERS	100 FEET PER LANE

TAPER LENGTH COMPUTATION

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

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

SIGN FACE DETAILS



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

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

RECORD DRAWING

26-5283.90 0515

940866

AS BUILT INFORMATION		
CONTRACTOR	SUNDANCE MECH.	
WORK STAKED BY	J.M.A.	DATE 10/95
INSPECTOR'S ACCEPTANCE BY	M.D.S.	DATE 11/95
FIELD VERIFICATION BY	M.D.B.	DATE 11/95
DRAWINGS CORRECTED BY	J.M.A.	DATE 11/95
MICRO-FILM INFORMATION		
RECORDED BY		DATE
NO.		

BENCH MARKS

SURVEY INFORMATION FIELD NOTES		
NO.	BY	DATE

ENGINEER'S SEAL

REVISIONS			
NO.	DATE	REMARKS	BY
△	11/95	RECORD DRAWING	M.D.S.

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

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

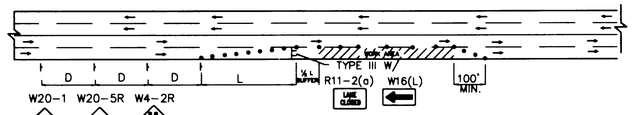
TITLE: LOT 1, BLOCK A KIRTLAND ADDITION
SIGNING AND CONSTRUCTION TRAFFIC CONTROL STANDARDS

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN	B.J. Goolsby	9-26-95	WATER	N/A RWK	8-30-95
TRANSPORTATION	[illegible]	9-27-95	WASTE WATER	N/A RWK	8-30-95
HYDROLOGY	N/A [illegible]	9/8/95			

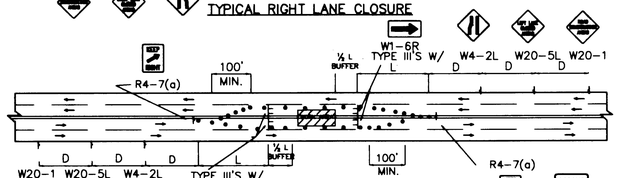
PROJECT NO.	MAP NO.	SHEET	OF
5283.90	M-15	5	6

SCANNED BY ... LARON

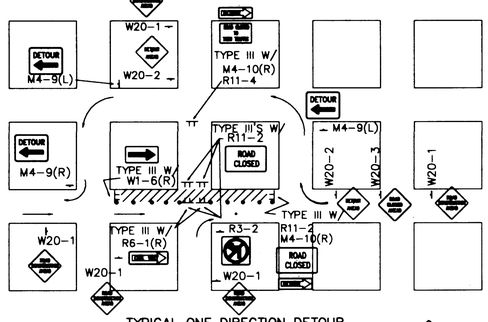
NOTE: THIS SHEET PROVIDED COURTESY OF CITY ENGINEER, PUBLIC WORKS DEPT., CITY OF ALBUQUERQUE



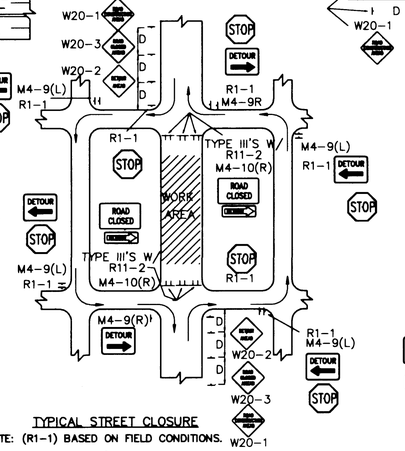
TYPICAL RIGHT LANE CLOSURE



TYPICAL LEFT LANE CLOSURE



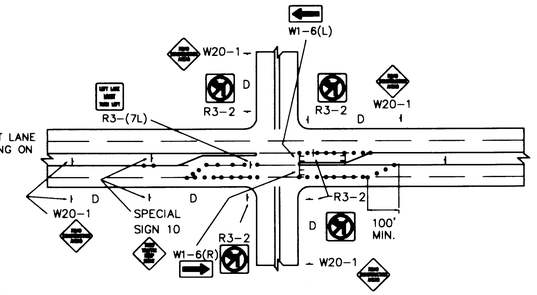
TYPICAL ONE DIRECTION DETOUR



TYPICAL STREET CLOSURE

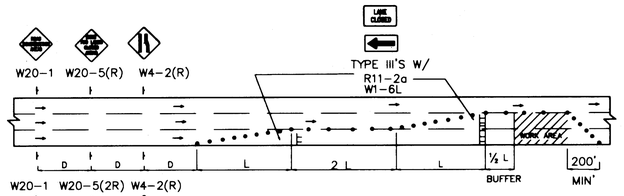
NOTE: (R1-1) BASED ON FIELD CONDITIONS.

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

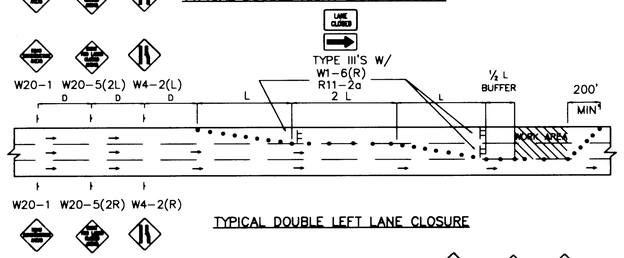


TYPICAL LANE CLOSURE AT INTERSECTION

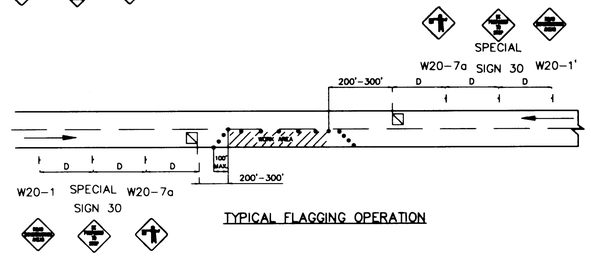
NOTE: DEPENDING ON WORK ZONE LOCATION



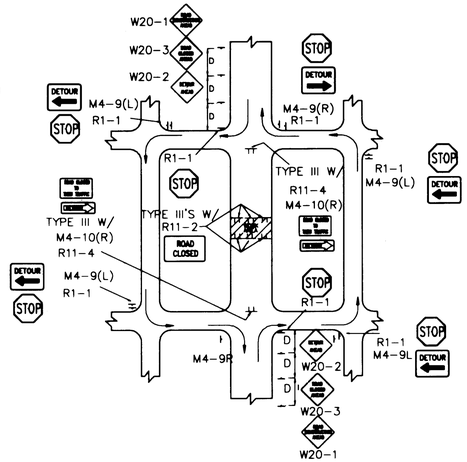
TYPICAL DOUBLE RIGHT LANE CLOSURE



TYPICAL DOUBLE LEFT LANE CLOSURE

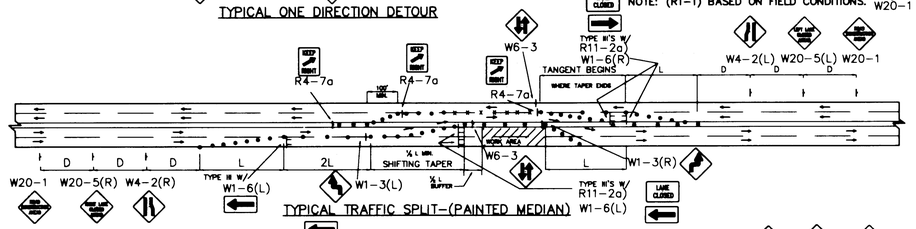


TYPICAL FLAGGING OPERATION

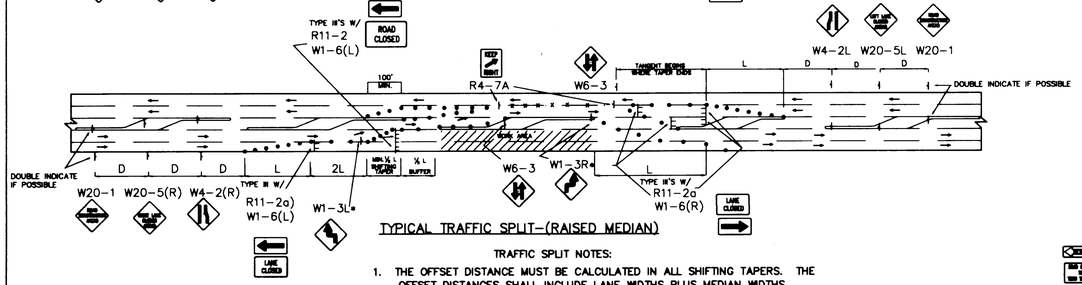


TYPICAL MID-BLOCK CLOSURE

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



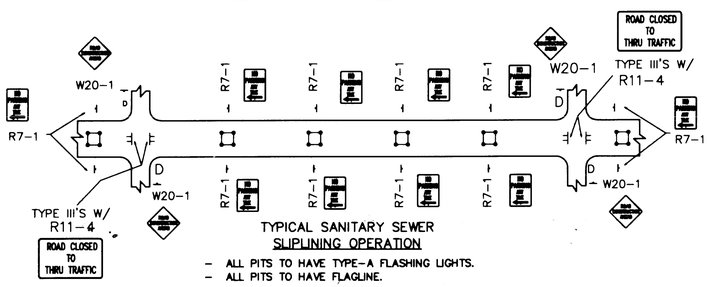
TYPICAL TRAFFIC SPLIT-(PAINTED MEDIAN)



TYPICAL TRAFFIC SPLIT-(RAISED MEDIAN)

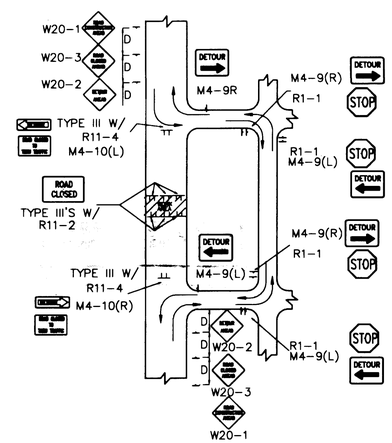
TRAFFIC SPLIT NOTES:

1. THE OFFSET DISTANCE MUST BE CALCULATED IN ALL SHIFTING TAPERS. THE OFFSET DISTANCES SHALL INCLUDE LANE WIDTHS PLUS MEDIAN WIDTHS.
2. ½ L IS MINIMUM DISTANCE FOR SHIFTING TAPERS.
3. REVERSE CURVES MAY BE IMPLEMENTED. ALL CURVE DATA SHALL BE CALCULATED.
4. MEDIAN REMOVAL SHALL BE REQUIRED IF ¼ L OR REVERSE CURVE IS NOT SUFFICIENT. MEDIAN REMOVAL SHALL TAKE PLACE BEFORE SPLITS.
5. REDUCED SPEED MAY BE CONSIDERED.
6. * USE 1-3 FOR 30 MPH OR LESS, W1-4 FOR SPEED 35 MPH OR GREATER.



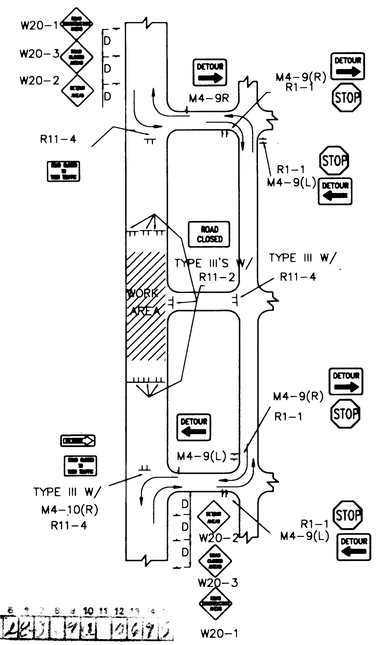
TYPICAL SANITARY SEWER SLIPLINING OPERATION

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



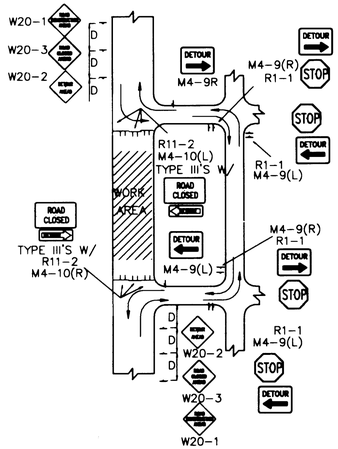
TYPICAL STREET CLOSURE

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



TYPICAL STREET CLOSURE

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



TYPICAL STREET CLOSURE

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

RECORD DRAWING

940866

SCANNED BY RY LAYON

AS BUILT INFORMATION	
CONTRACTOR	SUNDANCE MECH.
WORK STAKED BY	JMA. DATE 10/95
INSPECTOR'S ACCEPTANCE BY	M.D.S. DATE 11/95
FIELD VERIFICATION BY	M.D.S. DATE 11/95
DRAWINGS CORRECTED BY	J.M.A. DATE 11/95
MICRO-FILM INFORMATION	
RECORDED BY	DATE
NO.	

BENCH MARKS

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL

RICARDO B. ROYBAL NEW MEXICO REGISTERED PROFESSIONAL ENGINEER

RECORD DRAWING M.D.S. 11/95

NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	

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

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: LOT 1 BLOCK A
KIRTLAND ADDITION

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

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN	[illegible]	9-26-95	WATER	N/A RWL	8-30-95
TRANSPORTATION	[illegible]	9-27-95	WASTE WATER	N/A RWL	8-30-95
HYDROLOGY	N/A				

PROJECT NO.	MAP NO.	SHEET	OF
5283.90	M-15	6	6

NOTE: THIS SHEET PROVIDED COURTESY OF CITY ENGINEER, PUBLIC WORKS DEPT., CITY OF ALBUQUERQUE