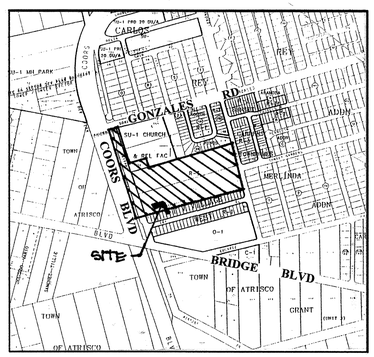
ALAMOSA CENTER for FAMILY and COMMUNITY SERVICES INFRASTRUCTURE



Vicinity Map K-10 / K-11 L-10 / L-11 NORTH

City of Albuquerque

Department of Family and Community Services Albuquerque, New Mexico

APRIL 16, 1997

SCANNED BY MESA REPRO

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 • 1–800–321–ALERT(2537), 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. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL INTERPRETATIONS IT MAKES WITHOUT FIRST CONTACTING THE ENGINEER AS REQUIRED ABOVE.
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 FIVE (5) 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 WITH PLASTIC RELECTORIZED PAVEMENT MARKINGS BY CONTRACTOR TO LOCATION 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 OCCURRING WITHIN AN ARTERIAL ROADWAY REQUIRES TWENTY–FOUR HOUR CONSTRUCTION.

APPROVAL OF AS BUILT DRAWINGS
CHIEF CONSTRUCTION ENGINEER
Peter Chang
DATE 8/29/00

Kells and Craig

Architects, Inc. • AIA • P.O. Box 27324 • Albuquerque, New Mexico 87125 • (505) 243-2724

Property Information

Legal Description: Tract A, Alamosa Center, Unit 6
Town of Atrisco Grant, Bernalillo County, NM.

Address: Gonzales RD, S.W.

Zoning: SU–1

EPC Case No. for Site Development Plan Approval: Z–95–91

DRB Case No.: DRB 96–162

Total Site Area: 13.9 Acres (Including Access Road)

Consultants

Civil Engineering
Jeff Mortensen and Associates — 6010–B Midway Park NE, Albuquerque, NM 87109, (505) 345–4250

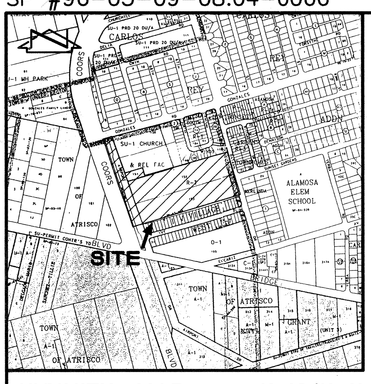
Electrical
Telcon Engineering, Inc. — 4800 Juan Tabo NE Suite A, Albuquerque, NM 87111, (505) 292–3202

List of Drawings

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

ENGIN. STAMP & SIGNATURE	APPROVALS	ENGINEER	DATE	* * * * * * * * * * * * * *
STATE OF NEW MEXICO JONATHAN S. CRAIG No. 1599 4/16/97 REGISTERED ARCHITECT	DRC Chairman		6-10-97	APPROVED FOR CONSTRUCTION
	Transportation		5/7/97	
	Water/Wastewater		5/6/97	
	Hydrology		6-5-97	
	C.I.P.		6-9-97	6/11/97
	Constr. Mngmt.		6-10-97	City Engineer Date
	City Project No. 5177.92			Sheet 1 Of 21

SP #96-05-09-08:04-0066



VICINITY MAP K-10/K-11
SCALE: 1" = 750' L-10/L-11

SCANNED BY MESA REPRO

CORRECTED
PLAT OF

TRACT A, ALAMOSA CENTER

ALBUQUERQUE, NEW MEXICO
MAY, 1996

~~96111509~~ 96116245

THE PURPOSE OF THE CORRECTION OF THIS PLAT IS TO SECURE THE SIGNATURE OF THE CITY OF ALBUQUERQUE,CHIEF ADMINISTRATIVE OFFICER PRIOR TO RECORDATION.

State of New Mexico } SS
County of Bernalillo
This instrument was filed for record on
OCT 23 1996 at 8:50 o'clock A.M. Recorded in Vol. 96C of records of said County Folio 447
Linda Woodward, Clerk & Recorder
Deputy Clerk

State of New Mexico } SS
County of Bernalillo
This instrument was filed for record on
OCT 8 1996 at 2 o'clock P.M. Recorded in Vol. 96C of records of said County Folio 1123
Linda Woodward, Clerk & Recorder
Deputy Clerk

COUNTY CLERK FILING DATA

NOTES:

1. A boundary survey was performed in April, 1996. Unless otherwise indicated, overall property corners were monumented with 5/8" rebar and cap stamped "New Mexico PS 11184".
2. All distances are ground distances.
3. Site located within portions of projected Sections 22, 23, 26 and 27, Township 10 North, Range 2 East, N.M.P.M.
4. Bearings shown hereon are New Mexico State Plane Grid Bearings, Central Zone.
5. No street mileage created by this plat.
6. The purpose of this plat is to:
   a. Create one tract of land from 5 separate parcels.
   b. Grant the necessary easements as shown.
   c. Incorporate the public right-of-way vacated by V-96-41.
7. Record bearings and distances are shown in parenthesis.
8. Prior to development, City of Albuquerque Water and Sanitary Sewer Service to Tract A, Alamosa Center must be verified and coordinated with the Public Works Department, City of Albuquerque, via a request for a water and sanitary sewer availability statement.

DESCRIPTION

A certain parcel of land located within the Corporate Limits of the City of Albuquerque, New Mexico, comprising Tracts 152 and 153, and a portion of Tract 151, Unit 6, Town of Atrisco Grant as the same is shown and designated on the plat filed in the Office of the County Clerk of Bernalillo County, New Mexico on December 05, 1944, Book D, Page 118, together with portions of Airport Drive S.W. and excess public right-of-way vacated by V-96-41, and being more particularly described as follows:

Beginning at the southeast corner of the parcel herein described, being a point on the west right-of-way line of Bataan Drive S.W., and also being the northeast corner of Lot 30, Replat of Tract 154-A, Amended I.V. Village West 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 12, 1982, Book C20, Page 14; thence S 75°05'12" W a distance of 1123.38 feet, along the south property line of the parcel herein described to the southwest corner of the parcel herein described, being a point on the east right-of-way line of Coors Boulevard S.W.; thence N 18°16'47" W a distance of 895.28 feet along the east right-of-way line of Coors Boulevard S.W. to the northwest corner of the parcel herein described; thence along the arc of a curve to the right with DELTA = 93°13'45", R = 30.00 feet and L = 48.81 feet (Chord Bearing = N 28°20'05" E, Chord Length = 43.61 feet) to a point on the south right-of-way line of Gonzales Road S.W.; thence N 74°56'58" E a distance of 60.95 feet along the south right-of-way line of Gonzales Road S.W. to the northwest corner of Tract 150, Unit 6, Town of Atrisco Grant, also being a point on the east right-of-way line of former Airport Drive S.W.; thence S 18°34'55" E a distance of 361.16 feet to a point on the west property line of said Tract 151; thence N 74°56'58" E a distance of 246.12 feet; thence S 18°20'02" E a distance of 100.00 feet to a point on the south property line of said Tract 151; thence N 74°56'58" E a distance of 806.80 feet to the northeast corner of the parcel herein described, being a point on the west right-of-way line of Bataan Drive S.W., and also being the northeast corner of Tract 152, Unit 6, Town of Atrisco Grant; thence S 15°17'51" E a distance of 467.93 feet along the west right-of-way line of Bataan Drive S.W., to the point of beginning and containing 13.7131 acres more or less.

SP.96.242

APPROVALS: DRB CASE NO. 96-162

	DATE
PLANNING DIRECTOR, CITY OF ALBUQUERQUE, NEW MEXICO	10-22-96 / 9-27-96
UTILITY DEVELOPMENT, CITY OF ALBUQUERQUE, NEW MEXICO	6-4-96
CITY ENGINEER, CITY OF ALBUQUERQUE, NEW MEXICO	6-4-96
A.M.A.F.C.A.	6-4-96
TRANSPORTATION DEVELOPMENT, CITY OF ALBUQUERQUE, NEW MEXICO	6-28-96
PARKS AND GENERAL SERVICES, CITY OF ALBUQUERQUE, NEW MEXICO	6-4-96
CITY SURVEYOR, CITY OF ALBUQUERQUE, NEW MEXICO	052396
REAL PROPERTY, CITY OF ALBUQUERQUE, NEW MEXICO	6-5-96
P.N.M. ELECTRIC SERVICES	7-15-96
U.S. WEST COMMUNICATIONS	07-15-96
P.N.M. GAS SERVICES	7-15-96
JONES INTERCABLE	6-13-96

DEDICATION AND FREE CONSENT

The undersigned owners of the land shown hereon do hereby consent to the subdivision of said land in the manner shown on this plat and do hereby grant the easements as shown, including the rights of ingress and egress and the right to trim interfering trees.

Lawrence Rael, Chief Administrative Officer, City of Albuquerque, New Mexico — Date 10/15/96

ACKNOWLEDGEMENT

STATE OF NEW MEXICO)
COUNTY OF BERNALILLO) SS

This instrument was acknowledged before me on this 15th day of October, 1996, by Lawrence Rael, Chief Administrative Officer, City of Albuquerque, New Mexico.

Notary Public

OFFICIAL SEAL
RENIE HERRERA
NOTARY PUBLIC
STATE OF NEW MEXICO
My Commission Expires 1/31/99

THIS IS TO CERTIFY THAT TAXES ARE CURRENT AND PAID ON UPC # 1-010-056-470-518-10506
PROPERTY OWNER OF RECORD: City of Albuq.
BERNALILLO COUNTY TREASURER'S OFFICE:
Bernita Sanchez 10-16-96
1-010-056-520-473-10503

THIS IS TO CERTIFY THAT TAXES ARE CURRENT AND PAID ON UPC # 4-010-056-[illegible]
PROPERTY OWNER OF RECORD: City of Albuquerque
BERNALILLO COUNTY TREASURER'S OFFICE: Pauline Madrid 10/8/96

SURVEYORS CERTIFICATION

I, Charles G. Cala, Jr., a registered Professional 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 made known to me by this owner, utility companies, or other parties expressing an interest; meets the minimum requirement for Monumentation and surveys of the Albuquerque Subdivision Ordinance; complies with the minimum standards for surveying in the State of New Mexico, and is true and correct to the best of my knowledge and belief.

Charles G. Cala, Jr., NMPS 11184 — Date 5-22-1996

CHARLES G. CALA, JR. NEW MEXICO 11184 REGISTERED PROFESSIONAL SURVEYOR

10-11-1996

JEFF MORTENSEN & ASSOCIATES, INC.
☐ 6010-B MIDWAY PARK BLVD. N.E.
☐ ALBUQUERQUE ☐ NEW MEXICO 87109
☐ ENGINEERS ☐ SURVEYORS (505) 345-4250
JOB #960123

SHEET 1 OF 3

SP #96-05-09-08:04-0066

CORRECTED
PLAT OF

TRACT A, ALAMOSA CENTER

ALBUQUERQUE, NEW MEXICO
MAY, 1996

96116245 ~~96111509~~

THE PURPOSE OF THE CORRECTION OF THIS PLAT IS TO SECURE THE SIGNATURE OF THE CITY OF ALBUQUERQUE,CHIEF ADMINISTRATIVE OFFICER PRIOR TO RECORDATION.

State of New Mexico } SS
County of Bernalillo
This instrument was filed for record on
OCT 8 1996 at 2 o'clock P.M. Recorded in Vol. 96C of records of said County Folio 1123
Linda Woodward, Clerk & Recorder
Deputy Clerk

State of New Mexico } SS
County of Bernalillo
This instrument was filed for record on
OCT 23 1996 at 8:50 o'clock A.M. Recorded in Vol. 96C of records of said County Folio 447
Linda Woodward, Clerk & Recorder
Deputy Clerk

COUNTY CLERK FILING DATA

Public Utility easements shown on this plat are ten (10) feet wide and are granted for the common and joint use of:

1. The P.N.M. Electric Services for the installation, maintenance, and service of overhead and underground electrical lines, transformers, poles and other equipment, fixtures, structures and related facilities reasonably necessary to provide electrical service.
2. The P.N.M. Gas Services 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, cables, 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. Property owners shall be solely responsible for correcting any violations of the National Electric Safety Code caused by construction or pools, decking, or any structures adjacent to within or near easements shown on this plat.

PNM ELECTRIC & GAS SERVICES EASEMENT RELEASE APPROVAL

PNM Electric Services and/or PNM Gas Services, hereby release, waive, quitclaim and discharge its right, title, and interest in the easements (granted by prior plat, replat or document) shown to be vacated on this plat.

PNM ELECTRIC SERVICES
By: Rob Roberts

PNM GAS SERVICES
By: Rob Roberts

STATE OF NEW MEXICO)
COUNTY OF BERNALILLO) SS

This instrument was acknowledged before me on 15th day of July, 1996, by Rob Roberts, a manager of the PNM Electric Services and/or PNM Gas Services, both being New Mexico corporations, on behalf of said Corporations.

Notary Public
My Commission Expires: 8-9-97

OFFICIAL SEAL
RUBINA PHILLIPS
NOTARY PUBLIC
STATE OF NEW MEXICO
My Commission Expires

JONES INTERCABLE EASEMENT RELEASE APPROVAL

Jones Intercable does hereby release, waive, quitclaim and discharge its right, title and interest in the easements (granted by prior plat, replat or document) shown to be vacated on this plat.

JONES INTERCABLE
By Karen Shoe

STATE OF NEW MEXICO)
COUNTY OF BERNALILLO) SS

This instrument was acknowledged before me on this 13th day of June, 1996, by Karen Shoe as PND Supervisor of Jones Intercable, a BCD-12 corporation.

Violet M. Watson
Notary Public
My commission expires July 14, 1997

OFFICIAL SEAL
VIOLET M. WATSON
NOTARY PUBLIC
STATE OF NEW MEXICO
My Commission Expires July 14, 1997

U.S. WEST COMMUNICATIONS QUITCLAIM

KNOW ALL MEN BY THESE PRESENTS: That U.S. WEST COMMUNICATIONS, INC., a Colorado Corporation, hereinafter called "Company" for and in consideration of One Dollar ($1.00) and other good and valuable considerations in hand paid, the receipt whereof is hereby confessed and acknowledged, does hereby release, remise and quitclaim all the right, title and interest in the easements shown to be vacated on this plat and hereby expressly excepting and reserving to the Company, any and all interest otherwise acquired in said property, except as shown to be vacated.

IN WITNESS WHEREOF, the Company has caused these presents to be executed by its duly authorized officer this 15th day of July, 1996.

U.S. WEST COMMUNICATIONS, INC.
By: A.F. SALAS
Manager Network and Technology Services

STATE OF NEW MEXICO)
COUNTY OF BERNALILLO) SS

This instrument was acknowledged before me on this 15th day of July, 1996, by A.F. SALAS as Manager/Network and Technology Services of U.S. West Communications, Inc., a Colorado Corporation.

Notary Public
My commission expires 8/26/99

OFFICIAL SEAL
R. DAVID MYERS
NOTARY PUBLIC
STATE OF NEW MEXICO
My Comm. Exp.

JEFF MORTENSEN & ASSOCIATES, INC.
☐ 6010-B MIDWAY PARK BLVD. N.E.
☐ ALBUQUERQUE ☐ NEW MEXICO 87109
☐ ENGINEERS ☐ SURVEYORS (505) 345-4250
JOB #960123

SHEET 2 OF 3

5177.92

SHEET 2

SP #96-05-09-08:04-0066

96116245

CORRECTED
PLAT OF

TRACT A, ALAMOSA CENTER

ALBUQUERQUE, NEW MEXICO
MAY, 1996

~~96111509~~

THE PURPOSE OF THE CORRECTION OF THIS PLAT IS TO SECURE THE SIGNATURE OF THE CITY OF ALBUQUERQUE, CHIEF ADMINISTRATIVE OFFICER PRIOR TO RECORDATION.

State of New Mexico } SS
County of Bernalillo
This instrument was filed for record on
OCT 8 1996
at 2 o'clock A.M. Recorded in Vol. 92C
of records of said County Folio 873
Judy Woodward Clerk & Recorder
Deputy Clerk

COUNTY CLERK FILING DATA

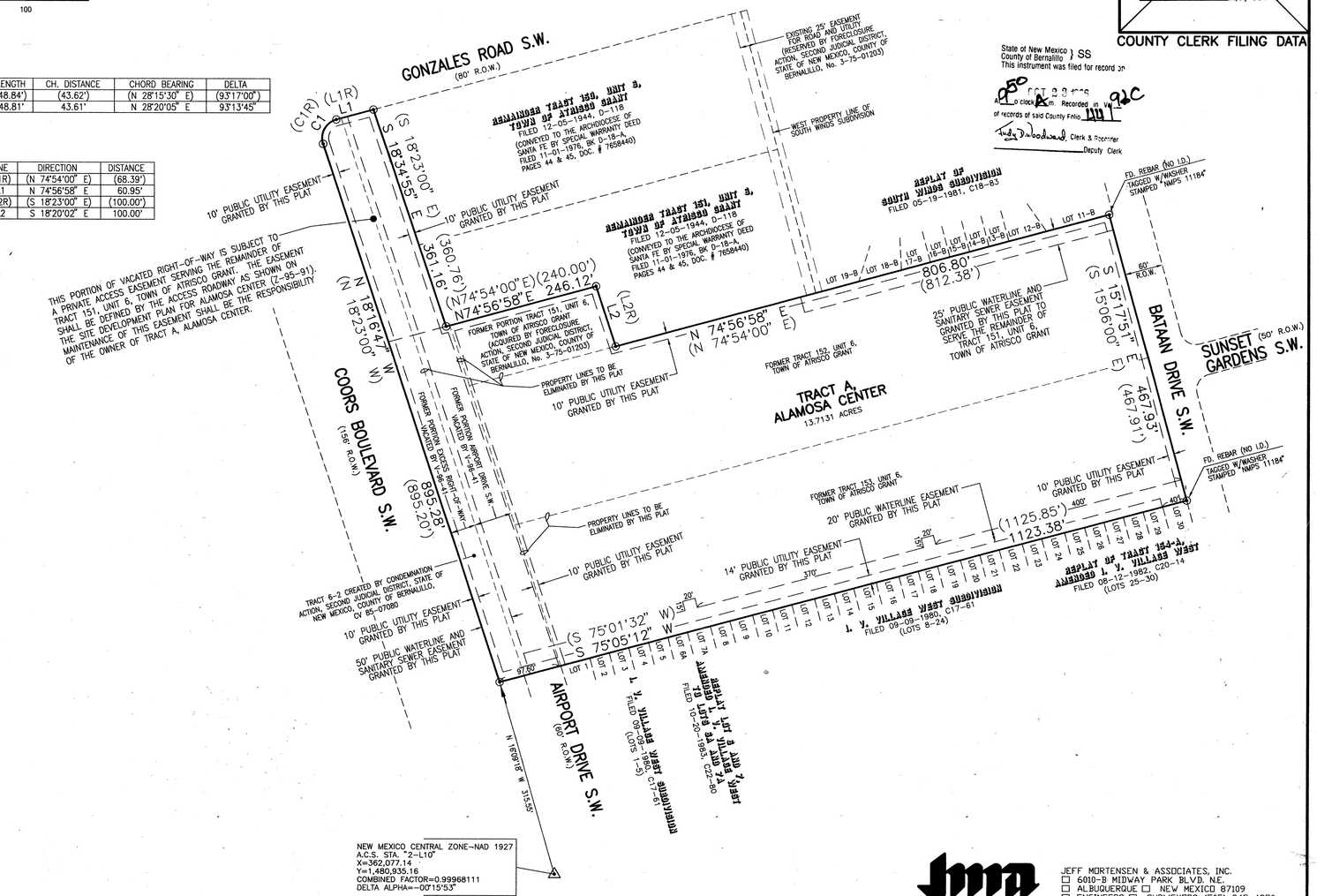
State of New Mexico } SS
County of Bernalillo
This instrument was filed for record on
OCT 9 1996
at 9 o'clock A.M. Recorded in Vol. 92C
of records of said County Folio 111
Judy Woodward Clerk & Recorder
Deputy Clerk

SCALE: 1" = 100'

100 0 200
50 100

CURVE	RADIUS	LENGTH	CH. DISTANCE	CHORD BEARING	DELTA
(C1R)	(30.00')	(48.84')	(43.62')	(N 28°15'30" E)	(93°17'00")
C1	30.00'	48.81'	43.61'	N 28°20'05" E	93°13'45"

LINE	DIRECTION	DISTANCE
(L1R)	(N 74°54'00" E)	(68.39')
L1	N 74°56'58" E	60.95'
(L2R)	(S 18°23'00" E)	(100.00')
L2	S 18°20'02" E	100.00'



NEW MEXICO CENTRAL ZONE-NAD 1927
A.C.S. STA. "2-L10"
X=362,077.14
Y=1,480,935.16
COMBINED FACTOR=0.99968111
DELTA ALPHA=-00°15'53"

JMA
JEFF MORTENSEN & ASSOCIATES, INC.
☐ 6010-B MIDWAY PARK BLVD. N.E.
☐ ALBUQUERQUE ☐ NEW MEXICO 87109
☐ ENGINEERS ☐ SURVEYORS (505) 345-4250
JOB #960123

517792
SHEET 3

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 7:00 A.M. OR END WORK AFTER 7:00 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.

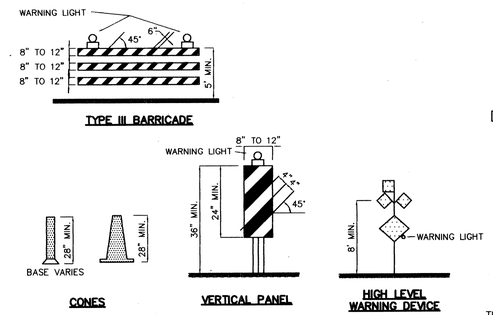
22. CONTRACTOR SHALL AT ALL TIMES COMPLY WITH THE FOLLOWING:
    1. STANDARDS AND REQUIREMENTS SET FORTH IN THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, LATEST EDITION.
    2. THE CITY OF ALBUQUERQUE TRAFFIC CODE, LATEST EDITION.
    3. SECTION 19 OF THE CITY OF ALBUQUERQUE'S STANDARD SPECIFICATIONS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

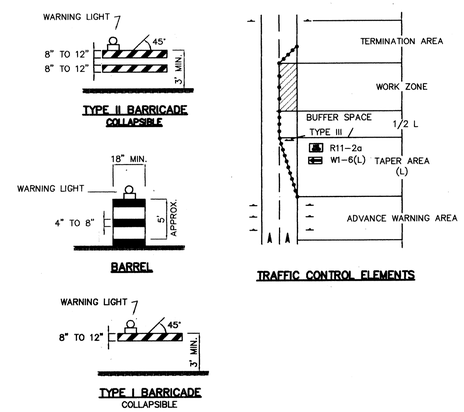
26. ADVANCE WARNING SIGNS SHALL BE 36"x36" WITH SUPER ENGINEERING GRADE SHEETING OR BETTER.



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 (L) (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(D) FOR ADVANCE WARNING SIGN SERIES

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

TAPER CRITERIA

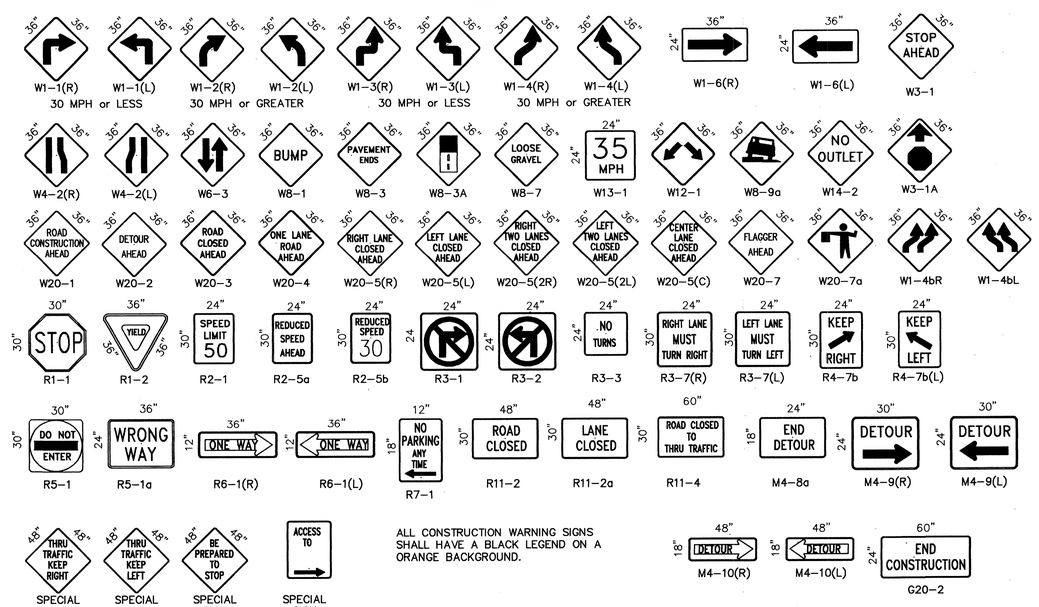
TYPE OF TAPER	TAPER LENGTH
UPSTREAM TAPER:	
MERGING TAPER	L MINIMUM
SHIFTING TAPER	1/2 L MINIMUM
SHOULDER TAPER	1/2 L MINIMUM
TWO-WAY TRAFFIC TAPER	100 FEET MAXIMUM
DOWNSTREAM TAPERS	100 FEET PER LANE

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.

AS BUILT INFORMATION
CONTRACTOR Cordova Co. DATE
WORK STAKED BY Cordova Co. DATE 8/97
INSPECTORS ACCEPTANCE BY C. Pedrosa DATE 9/98
FIELD VERIFICATION BY C. Pedrosa DATE 9/98
DRAWINGS CORRECTED BY DATE
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS

SURVEY INFORMATION
FIELD NOTES
NO. BY DATE

ENGINEER'S SEAL

REMARKS BY
REVISIONS
DESIGN
NO. DATE
DESIGNED BY DATE
DRAWN BY C.O.A. STANDARDS DATE
CHECKED BY DATE

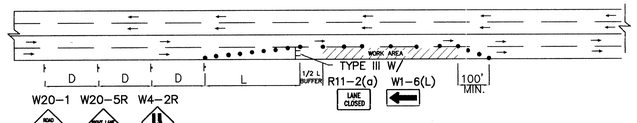
CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE:
SIGNING AND CONSTRUCTION TRAFFIC CONTROL STANDARDS

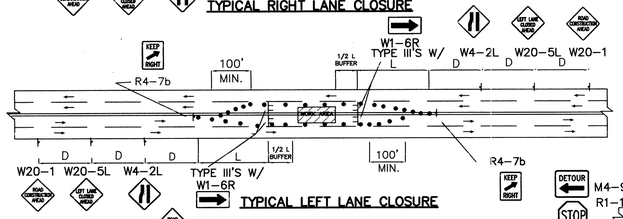
DESIGN REVIEW COMMITEE | CITY ENGINEER APPROVAL | LAST UPDATE | MO./DAY/YR. | MO./DAY/YR.

PROJECT NO. 5177.92 | MAP NO. L-10 | SHEET 4 OF 21

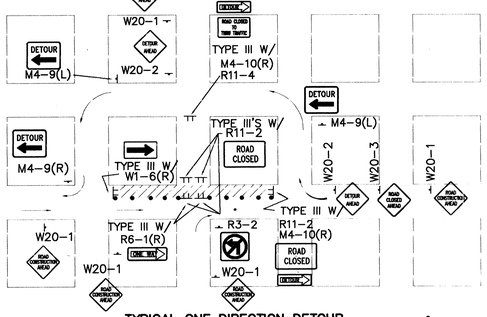
CTCSTN01.DWG



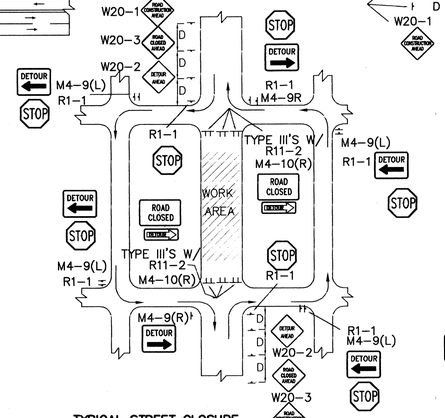
TYPICAL RIGHT LANE CLOSURE



TYPICAL LEFT LANE CLOSURE



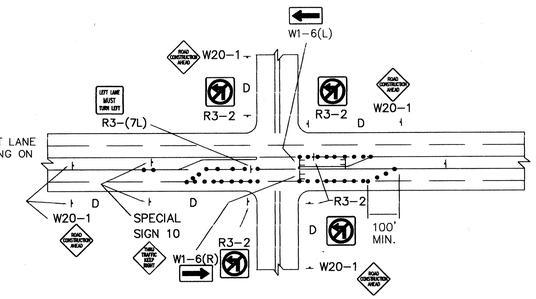
TYPICAL ONE DIRECTION DETOUR



TYPICAL STREET CLOSURE

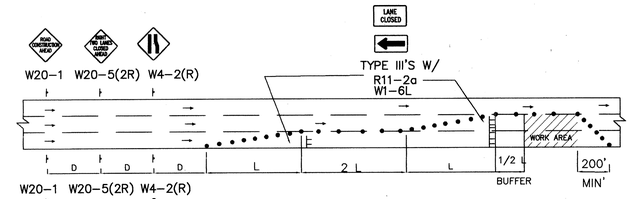
NOTE: (R1-1) BASED ON FIELD CONDITIONS.

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

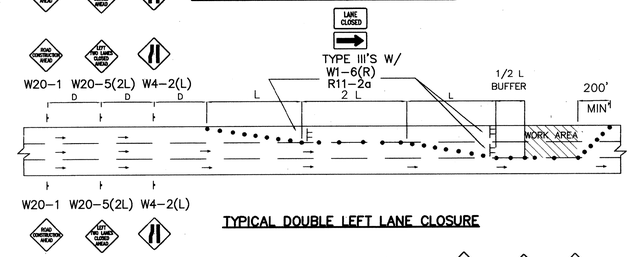


TYPICAL LANE CLOSURE AT INTERSECTION

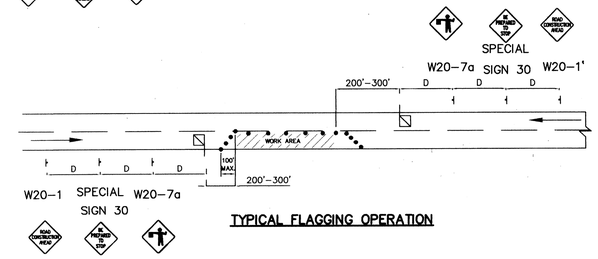
NOTE: DEPENDING ON WORK ZONE LOCATION



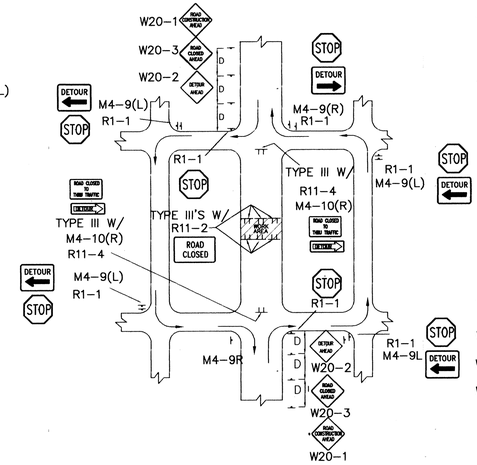
TYPICAL DOUBLE RIGHT LANE CLOSURE



TYPICAL DOUBLE LEFT LANE CLOSURE

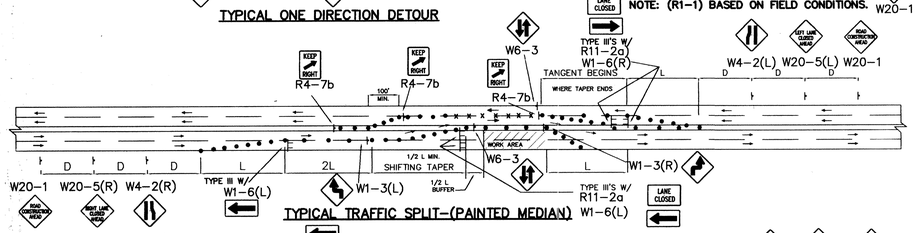


TYPICAL FLAGGING OPERATION

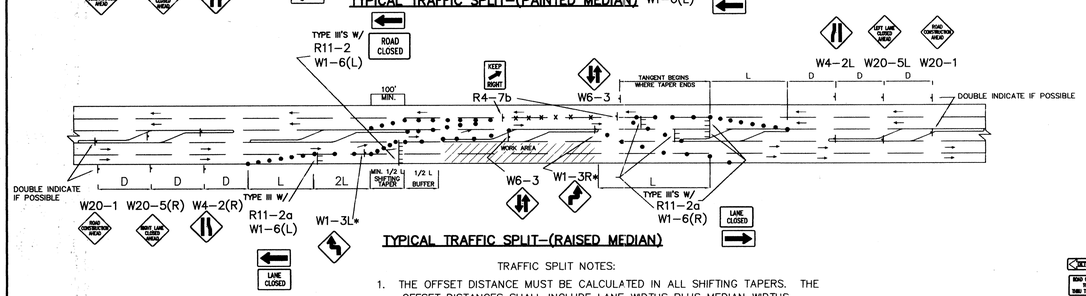


TYPICAL MID-BLOCK CLOSURE

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



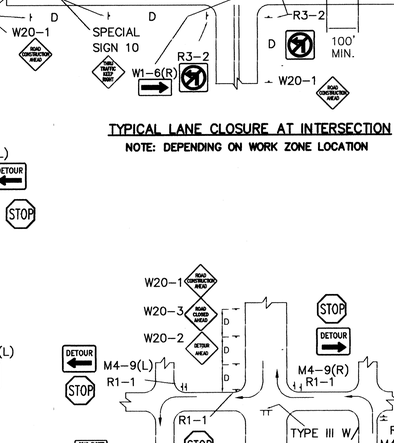
TYPICAL TRAFFIC SPLIT-(PAINTED MEDIAN)



TYPICAL TRAFFIC SPLIT-(RAISED MEDIAN)

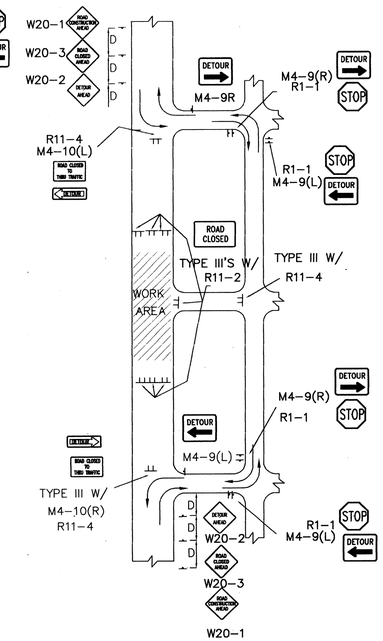
TRAFFIC SPLIT NOTES:

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



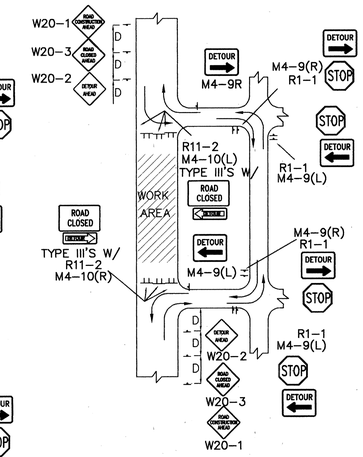
TYPICAL STREET CLOSURE

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



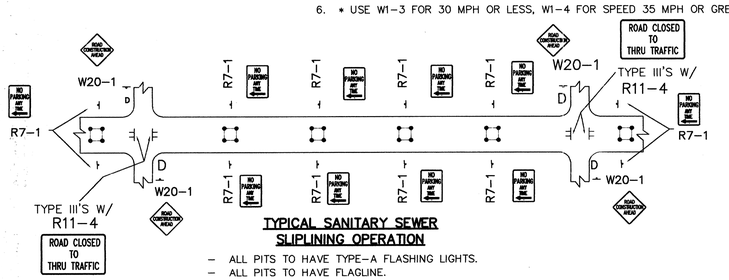
TYPICAL STREET CLOSURE

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



TYPICAL STREET CLOSURE

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



TYPICAL SANITARY SEWER SLIPLINING OPERATION

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

GENERAL NOTE:

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.

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

BENCH MARKS

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL

NO.	DATE	REMARKS	BY
		REVISIONS	

DESIGN
DESIGNED BY / C.O.A. STANDARDS / DATE
DRAWN BY / DATE
CHECKED BY / DATE

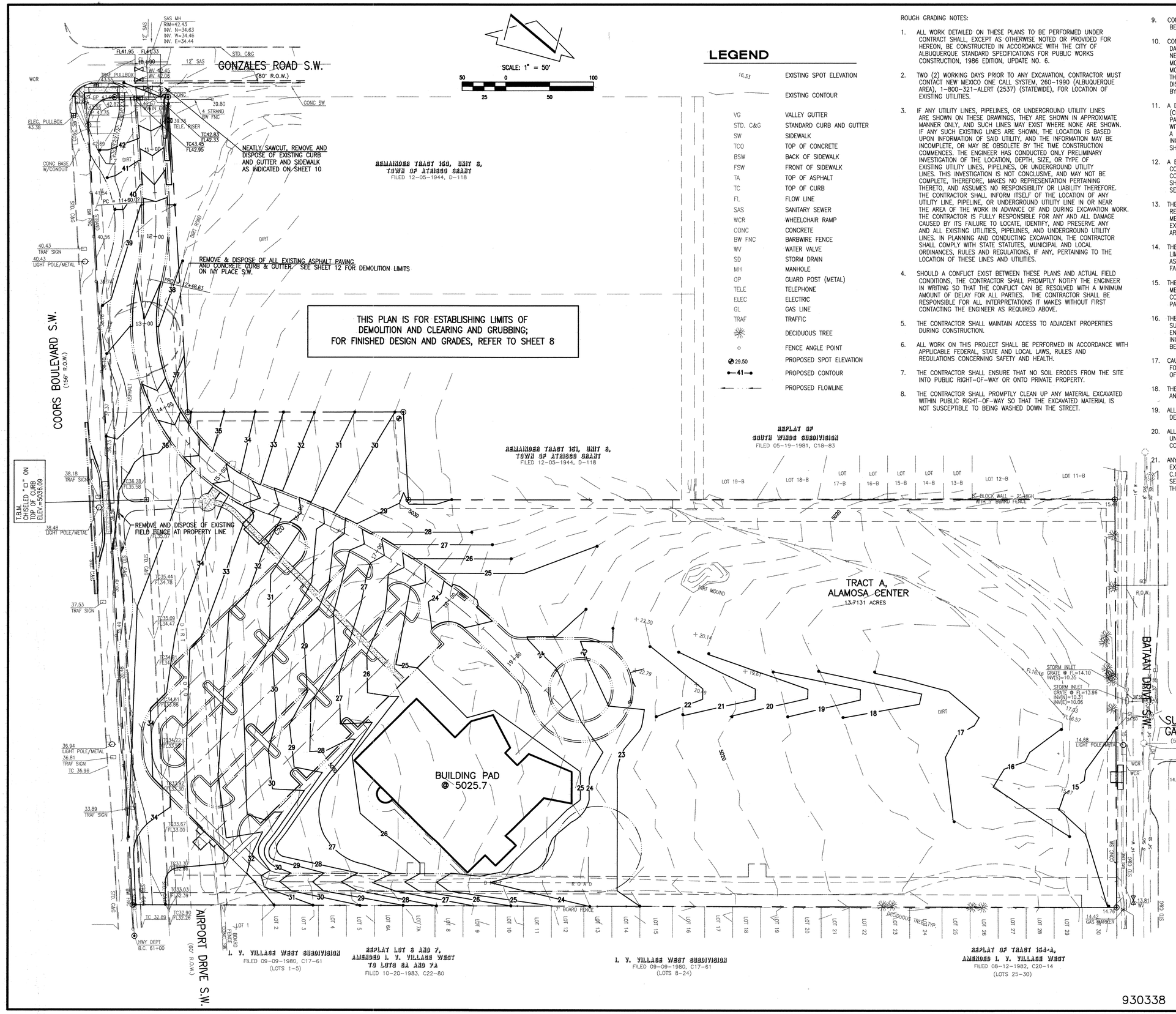
CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

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

DESIGN REVIEW COMMITEE	CITY ENGINEER APPROVAL	LAST UPDATE	MO./DAY/YR.	MO./DAY/YR.

PROJECT NO. 5177.92 | MAP NO. L-10 | SHEET 5 OF 21

CTCSTND2.DWG



LEGEND

16.33	EXISTING SPOT ELEVATION
	EXISTING CONTOUR
VG	VALLEY GUTTER
STD. C&G	STANDARD CURB AND GUTTER
SW	SIDEWALK
TCO	TOP OF CONCRETE
BSW	BACK OF SIDEWALK
FSW	FRONT OF SIDEWALK
TA	TOP OF ASPHALT
TC	TOP OF CURB
FL	FLOW LINE
SAS	SANITARY SEWER
WCR	WHEELCHAIR RAMP
CONC	CONCRETE
BW FNC	BARBWIRE FENCE
WV	WATER VALVE
SD	STORM DRAIN
MH	MANHOLE
GP	GUARD POST (METAL)
TELE	TELEPHONE
ELEC	ELECTRIC
GL	GAS LINE
TRAF	TRAFFIC
	DECIDUOUS TREE
	FENCE ANGLE POINT
29.50	PROPOSED SPOT ELEVATION
41	PROPOSED CONTOUR
	PROPOSED FLOWLINE

ROUGH GRADING NOTES:

1. ALL WORK DETAILED ON THESE PLANS TO BE PERFORMED UNDER CONTRACT SHALL, EXCEPT AS OTHERWISE NOTED OR PROVIDED FOR HEREON, BE CONSTRUCTED IN ACCORDANCE WITH THE CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1986 EDITION, UPDATE NO. 6.
2. TWO (2) WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT NEW MEXICO ONE CALL SYSTEM, 260-1990 (ALBUQUERQUE AREA), 1-800-321-ALERT (2537) (STATEWIDE), FOR LOCATION OF EXISTING UTILITIES.
3. IF ANY UTILITY LINES, PIPELINES, OR UNDERGROUND UTILITY LINES ARE SHOWN ON THESE DRAWINGS, THEY ARE SHOWN IN 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 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 THEREFORE. 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 UTILITIES.
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. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL INTERPRETATIONS IT MAKES WITHOUT FIRST CONTACTING THE ENGINEER AS REQUIRED ABOVE.
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. THE CONTRACTOR SHALL ENSURE THAT NO SOIL ERODES FROM THE SITE INTO PUBLIC RIGHT-OF-WAY OR ONTO PRIVATE PROPERTY.
8. THE CONTRACTOR SHALL PROMPTLY CLEAN UP ANY MATERIAL EXCAVATED WITHIN PUBLIC RIGHT-OF-WAY SO THAT THE EXCAVATED MATERIAL IS NOT SUSCEPTIBLE TO BEING WASHED DOWN THE STREET.
9. CONTRACTOR SHALL SECURE "TOPSOIL DISTURBANCE PERMIT" PRIOR TO BEGINNING CONSTRUCTION.
10. CONTRACTOR SHALL NOTIFY THE ENGINEER NOT LESS THAN SEVEN (7) DAY PRIOR TO STARTING WORK IN ORDER THAT THE ENGINEER MAY TAKE NECESSARY MEASURES TO ENSURE THE PRESERVATION OF SURVEY MONUMENTS. CONTRACTOR SHALL NOT DISTURB PERMANENT SURVEY MONUMENTS WITHOUT THE CONSENT OF THE ENGINEER AND SHALL NOTIFY THE ENGINEER AND BEAR THE EXPENSE OF REPLACING ANY THAT MAY BE DISTURBED WITHOUT PERMISSION. REPLACEMENT SHALL BE DONE ONLY BY THE ENGINEER.
11. A DISPOSAL SITE FOR ALL EXCESS EXCAVATION MATERIAL (CONTAMINATED OR OTHERWISE), ASPHALTIC PAVING, CONCRETE PAVING, ETC. SHALL BE OBTAINED BY THE CONTRACTOR IN COMPLIANCE WITH APPLICABLE REGULATIONS. ALL COSTS INCURRED IN OBTAINING A DISPOSAL SITE AND IN HAUL THERETO SHALL BE CONSIDERED INCIDENTAL TO CONSTRUCTION, THEREFORE, NO SEPARATE PAYMENT SHALL BE MADE.
12. A BORROW SITE FOR IMPORT MATERIAL SHALL BE OBTAINED BY THE CONTRACTOR IN COMPLIANCE WITH APPLICABLE REGULATIONS. ALL COSTS INCURRED IN OBTAINING A BORROW SITE AND IN HAUL THERETO SHALL BE CONSIDERED INCIDENTAL TO CONSTRUCTION, THEREFORE, NO SEPARATE PAYMENT SHALL BE MADE.
13. THE CONTRACTOR SHALL BE RESPONSIBLE FOR SAFELY OBTAINING THE REQUIRED COMPACTION. THE CONTRACTOR SHALL SELECT AND USE METHODS WHICH SHALL NOT BE INJURIOUS OR DAMAGING TO THE EXISTING FACILITIES AND STRUCTURES THAT SURROUND THE WORK AREAS.
14. THE CONTRACTOR SHALL CONFINE HIS WORK WITHIN THE CONSTRUCTION LIMITS IN ORDER TO PRESERVE THE EXISTING IMPROVEMENTS AND SO AS NOT TO INTERFERE WITH THE OPERATIONS OF THE EXISTING FACILITIES.
15. THE CONTRACTOR SHALL BE RESPONSIBLE FOR SELECTING APPROPRIATE MEANS AND METHODS TO EXCAVATE AND TRENCH. THIS SHALL BE CONSIDERED INCIDENTAL TO CONSTRUCTION, THEREFORE, NO SEPARATE PAYMENT WILL BE MADE.
16. 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 PAYMENTS WILL BE MADE.
17. CAUTION: THESE DRAWINGS DO NOT INCLUDE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY WHICH SHALL REMAIN THE RESPONSIBILITY OF THE CONTRACTOR.
18. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL PERMITS AND PAYING ALL PERMIT FEES.
19. ALL FILL SHALL BE CLEAN FROM VEGETATION, DEBRIS, AND OTHER DELETERIOUS MATERIALS.
20. ALL FILL SHALL BE COMPACTED TO A MINIMUM OF 90% ASTM D-1557, UNLESS OTHERWISE SPECIFIED. ALL BUILDING PADS SHALL BE COMPACTED AT 95% ASTM D-1557.
21. ANY AREAS OF EXCESS DISTURBANCE (TRAFFIC AREAS, STORAGE YARD, EXCAVATED MATERIAL, ETC.) SHALL BE RE-SEEDED ACCORDING TO C.O.A. STANDARD SPECIFICATION SECTION 1012 "NATIVE GRASS SEEDING". THIS WILL BE CONSIDERED INCIDENTAL TO CONSTRUCTION, THEREFORE, NO SEPARATE PAYMENT WILL BE MADE.

AS BUILT INFORMATION

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

MICRO-FILM INFORMATION

RECORDED BY	
DATE	
NO.	

BENCH MARKS

A.C.S. STATION "2-L10" A ACS 3 1/4" ALUMINUM CAP SET FLUSH IN THE TOP OF CURB AND IS STAMPED "2-L10, 1989". THE STATION IS IN THE SOUTHEAST QUADRANT OF THE INTERSECTION OF COORS BLVD. S.W. AND BRIDGE BLVD. S.W. IN THE NORTHWEST NOSE OF A TRAFFIC ISLAND.
ELEVATION = 5033.250 FEET (M.S.L.D.)

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE
930331	J.M.A.	01/94
960123	J.M.A.	05/96

ENGINEER'S SEAL

JEFFREY S. MORTENSEN, NEW MEXICO, 8547, REGISTERED PROFESSIONAL ENGINEER
04-29-97

No.	Date	Remarks	By
		Revisions	
		Design	

		Date
Designed By	G.R.B.	04/97
Drawn By	T.N.T./J.M.C.	04/97
Checked By	J.G.M.	04/97

BID LOT NO. 1

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

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE: DEMOLITION & ROUGH GRADING PLAN
ALAMOSA CENTER
PHASE 1

Design Review Committee: APPROVED JUN 10 1997 DESIGN REVIEW COMMITTEE

City Engineer Approval

Last Design Update | Mo./Day/Yr. | Mo./Day/Yr.

City Project No. 5177.92 | Zone Map No. L-10 | Sheet 6 Of 21

DRAINAGE PLAN

The following items concerning the Alamosa Center Phase I Drainage Plan are contained hereon:

1. Vicinity Map
2. Grading Plan
3. Calculations

As shown by the Vicinity Map, the site is located between Airport Drive S.W. and Bataan Drive S.W., approximately 100 feet north of their intersection with Ivy Place S.W. Airport Drive S.W. is a fully developed local roadway with curb and gutter and asphalt paving. Bataan Drive S.W. is a fully developed local roadway with curb and gutter, asphalt paving, and containing water, sanitary sewer and storm drain facilities. SAD 221 provided Bataan Drive S.W. as a fully developed local roadway.

As shown by Panel 329 of 825 of the National Flood Insurance Program Flood Insurance Rate Maps published by F.E.M.A. for the County of Bernalillo, New Mexico dated September 20, 1996, the site does not lie within a designated flood hazard zone.

The Grading Plan shows: 1) existing and proposed grades indicated by spot elevations and contours at 1'0" intervals, 2) the limit and character of the existing improvements, 3) the limit and character of the proposed improvements, and 4) continuity between existing and proposed grades. The site is currently undeveloped except for a graded gravel road passing through the site along the southern and western boundaries. The site is bordered by Airport Drive S.W. and Bataan Drive S.W. on the west and east boundaries, respectively, and by residential development in a church on the north and south boundaries. The site slopes easterly from Airport Drive S.W. to Bataan Drive S.W. The proposed development for this site is a multi-use regional center for the City of Albuquerque containing health, social, informational and recreational services. Phase I development will consist of one permanent building, associated parking, and landscaping, and an access road connecting the site to Gonzales Road S.W. at the northwest corner of the property. Airport Drive S.W., as it exists, will be demolished and integrated into the proposed parking lot for the development.

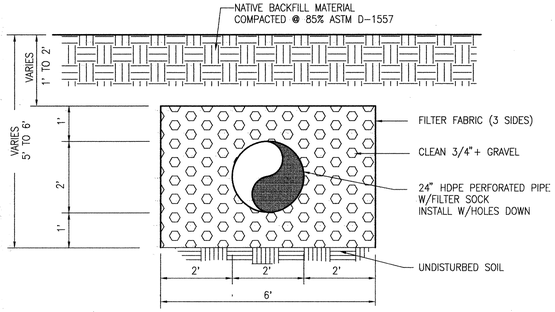
The site is characterized by three drainage basins labeled A, B, and C. Basin A is generally characterized as the western portion of the site containing the parking lot, access road and a portion of the landscaping. Basin B encompasses all the roof drainage of the proposed building, traffic turnaround circle and landscaping in front of the building. Basin C includes the remainder of the site contained mostly of an asphalt path trail.

Basin A is impacted by an offsite drainage basin. All offsite flows will be accepted by Drainage Basin A. The landscaped parking islands have a curb opening to accept runoff from the parking lot and provide water harvesting. Once the landscaped soil has reached saturation point, runoff will pond behind the downhill curbing and flow out an identical curb opening on the downhill side of the curb. These measures delay the time to reach the peak discharge rate, mitigates nuisance flows, and provides alternate irrigation to reduce water usage from the public distribution system. A sump condition, with appropriately sized inlet and pipe, will collect excess runoff and convey it to a private storm drain system.

Basin B is created by the development of roof drainage and a traffic circle. All of the developed roof drainage will discharge directly into a proposed inlet in the traffic circle. Excess runoff from this drainage basin will enter into the inlet at the traffic circle for conveyance into the private storm drain system. The private storm drain system discharges into Basin C. The pipes and inlets for the public storm drain system have been sized appropriately to convey runoff as identified in the approved Conceptual Grading and Drainage Plan with the Engineer's Date of 11/13/1995 submitted by this office.

Basin C is located at the east edge of and along the southern property lines of the site. Drainage patterns of this basin will be characterized by overland sheetflow. Two areas of concentrated flow will be converted to sheetflow and promote additional water harvesting. The private storm drain system from Basins A and B enter Basin C from the west. A manhole evenly distributes runoff. A manhole being constructed as part of the Phase I improvements will eventually be used to equally distribute runoff from the system into two lines. However, only the southern subsurface drainage system, as identified in the Conceptual Grading and Drainage Plan, will be constructed as part of Phase I. The system utilizes subsurface leachbed tubing to enhance deep root zone watering. In the event that capacity of the tubing is exceeded or is plugged, storm inlets uphill of the system will act as bubblers and allow to drain downhill via concentrated flow. Additional inlets at the end of the tubing will collect the excess runoff not collected by water harvesting, and connect directly into the public storm drain system in Bataan Drive S.W. provided by SAD 221. The connection will be made using appropriately sized solid storm drain lines at a manhole connection at the intersection of Sunset Gardens S.W. and Bataan Drive S.W.

The Calculations which appear hereon analyze both the existing and developed conditions for the 100-year, 6-hour rainfall event. The Procedure for 40-acre and Smaller Basins, as set forth in the Revision of Section 22.2, Hydrology of the Development Process Manual, Volume 2, Design Criteria, dated January, 1993, has been used to quantify the peak rate of discharge and volume of runoff generated. As shown by these calculations, the peak discharge rate and the volume of runoff is expected to increase. However, because this site lies within an infill neighborhood, water harvesting is being implemented to mitigate nuisance flows and provide alternate drainage measures, and a storm drain system has been constructed as part of SAD 221 to serve this area, it is felt that free discharge of runoff is appropriate for this site.



TYPICAL WATER HARVESTING LEACHBED SECTION

SCALE: 1" = 2'

CALCULATIONS

Site Characteristics

I. Precipitation Zone = 1

II. $P_{6,100} = P_{360} =$ 2.20 in.

III. Total Area (A_T) = 601,200 sf/13.80 ac

IV. Existing Conditions

A. Land Treatment

Treatment	Area (sf/ac)	%
A	561,895/12.90	93.5
C	24,380/ 0.56	4.1
D	14,925/0.34	2.4

B. Volume

$E_W = (E_AA_A+E_BA_B+E_CA_C+E_DA_D)/A_T$

$E_W = (0.44(12.90)+0.99(0.56)+1.97(0.34))/13.80 = 0.50$ in.

$V_{100} = (E_W/12)A_T$

$V_{100} = (0.50/12)13.80 = 0.5750$ ac.ft. = 25,050 cf

C. Peak Discharge

$Q_p = Q_{PA}A_A + Q_{PB}A_B + Q_{PC}A_C + Q_{PD}A_D$

$Q_p = Q_{100} = 1.29(12.90)+2.87(0.56)+4.37(0.34) = 19.7$ cfs

V. Developed Conditions

A. Basin 'A'

1. Land Treatment (A_{TA} = 254,250 sf/5.84 ac)

Treatment Area	(sf/ac)	%
B	50,800/1.17	20.0
C	88,600/2.03	34.8
D	114,850/2.64	45.2

2. Volume

$E_W = (E_AA_A+E_BA_B+E_CA_C+E_DA_D)/A_T$

$E_W = (0.67)(1.17)+0.99(2.03)+1.97(2.64))/5.84 = 1.37$ in.

$V_{100} = (E_W/12)A_T$

$V_{100} = (1.37/12)5.84 = 0.6667$ ac.ft. = 29,040 cf

3. Peak Discharge

$Q_p = Q_{PA}A_A + Q_{PB}A_B + Q_{PC}A_C + Q_{PD}A_D$

$Q_p = Q_{100} = 2.03(1.17)+2.87(2.03)+4.37(2.64) = 19.7$ cfs

4. Inlet Requirements

$Q = CA(2gh)^{0.5}$

Let: C = 0.6
g = 32.2 ft/s^2
h = 0.67 ft (curb height)
Q = 22.5 cfs

(Q_{100} Basin 'A' + Q_{100} Offsite Per Conceptual Drainage Plan)

Therefore: A = 5.71 sf required

$A_{effective}$ = Grate Area (50% for clogging)

= 4.56 sf (0.50) = 2.28 sf

$A/A_{effective}$ = # of Grates = 5.71/2.28 = 2.5

Therefore: Construct a Triple 'C' Drainage Inlet

5. Pipe Outlet Condition

$Q = CA(2gh)^{0.5}$

Let: C = 0.6
A = 3.14 sf (24" pipe)
g = 32.2 ft/s^2
h = 2.67 ft (top of curb to C.L. of pipe)

Therefore: $Q = 24.7$ cfs $> Q_{100}$

6. Pipe Capacity

Using Feild's Wheel for Gravity Flow in Pipes

Let: D = 24"
Q = 22.5 cfs
n = 0.013
Therefore: S = 0.0100 (min.)

B. Basin 'B'

1. Land Treatment (A_{TB} = 43,550 sf/1.00 ac) [43,560?]

Treatment Area	(sf/ac)	%
B	10,750/0.25	25.0
D	32,800/0.75	75.0

2. Volume

$E_W = (E_AA_A+E_BA_B+E_CA_C+E_DA_D)/A_T$

$E_W = (0.67)(0.25)+1.97(0.75))/1.00 = 1.64$ in.

$V_{100} = (E_W/12)A_T$

$V_{100} = (1.64/12)1.00 = 0.1367$ ac.ft. = 5,950 cf

3. Peak Discharge

$Q_p = Q_{PA}A_A + Q_{PB}A_B + Q_{PC}A_C + Q_{PD}A_D$

$Q_p = Q_{100} = 2.03(0.25)+4.37(0.75) = 3.8$ cfs

4. Inlet Requirements

$Q = CA(2gh)^{0.5}$

Let: C = 0.6
g = 32.2 ft/s^2
h = 0.67 ft (curb height)
Q = 7.8 cfs (Per Conceptual Plan)

Therefore: A = 3.91 sf

$A/A_{effective}$ = # of Grates = 3.91/2.28 = 1.7

Therefore: Construct a Double 'C' Drainage Inlet

5. Pipe Outlet Condition

$Q = CA(2gh)^{0.5}$

Let: C = 0.6
A = 1.77 sf (18" pipe)
g = 32.2 ft/s^2
h = 2.42 ft

Therefore: $Q = 13.3$ cfs $> Q_{100} = 7.8$ cfs

6. Pipe Capacity

Using Feild's Wheel for Gravity Flow in Pipes

Let: D = 18"
Q = 7.8 cfs
n = 0.013
Therefore: S = 0.0055 (min.)

C. Basin 'C'

1. Land Treatment (A_{TC} = 312,400 sf/6.96 ac)

Treatment Area	(sf/ac)	%
A	220,400/4.84	69.5
B	26,400/0.61	8.8
C	50,000/1.15	16.5
D	15,600/0.36	5.2

2. Volume

$E_W = (E_AA_A+E_BA_B+E_CA_C+E_DA_D)/A_T$

$E_W = (0.44)(4.84)+0.67(0.61)+0.99(1.15)+1.97(0.36))/6.96 = 0.63$ in.

$V_{100} = (E_W/12)A_T$

$V_{100} = (0.63/12)6.96 = 0.3654$ ac.ft. = 15,900 cf

3. Peak Discharge

$Q_p = Q_{PA}A_A + Q_{PB}A_B + Q_{PC}A_C + Q_{PD}A_D$

$Q_p = Q_{100} = 1.29(4.84)+2.03(0.61)+2.87(1.15)+4.37(0.36) = 12.1$ cfs

4. Sump Inlet Condition

a. Basin A & Basin B Overland Flow
Q_{100} Ultimate = 30.3 cfs/2 = 15.2 cfs

Flows are split per Conceptual Plan
18" HDPE Capacity @ S = 0.015 = 13.0 cfs
Overland Flow = 15.2 − 13.0 = 2.2 cfs

b. Basin 'C' Split
Basin C − North = 60% of Total
Q_{100} (60%) = 14.7 (0.60) = 8.8 cfs (Per Conceptual Flow)

Q_{100} − South = 5.9 cfs

c. Inlet Capacity

$Q = CA(2gh)^{0.5}$

Let: C = 0.6
g = 32.2 ft/s^2
h = 1.0 ft
Q = 5.9 + 2.2 = 8.1 cfs

Therefore: A = 2.83 sf

$A/A_{effective}$ = # of Grates = 2.83/2.28 = 1.24

Therefore: Construct a Double 'D' Inlet at Basin Sump

5. Pipe Outlet Condition

$Q = CA(2gh)^{0.5}$

Let: C = 0.6
A = 3.14 sf (24" pipe)
g = 32.2 ft/s^2
h = 3.0 ft

Therefore: $Q = 26.2$ cfs $> Q_{100} = 21.2$ cfs (Ultimate)

6. Pipe Capacity

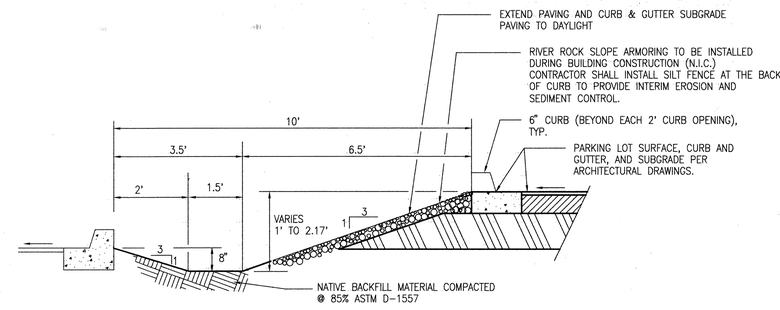
Using Feild's Wheel for Gravity Flow in Pipes

Let: D = 24"
n = 0.013
S = 0.0100
Therefore: $Q = 23.3$ cfs $> Q_{100} = 21.2$ cfs (Ultimate)

VI. Comparison

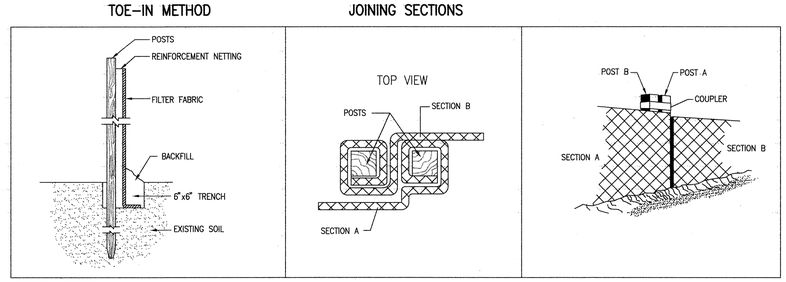
ΔV_{100} = 29,040 +5,950 + 15,900 − 25,050 = 25,840 cf (increase)

ΔQ_{100} = 19.7 + 3.8 + 12.1 − 19.7 = 15.9 cfs (increase)



TYPICAL PARKING ISLAND SECTION

SCALE: 1" = 2'



PREFABRICATED SILT FENCE DETAIL

NOT TO SCALE

930338

SCANNED BY MESA REPRO

C:\DATA\ACADDWG\930335DC Tue Apr 29 07:28:43 1997 -SGH

AS BUILT INFORMATION
CONTRACTOR
WORK STAKED BY
INSPECTORS ACCEPTANCE BY
FIELD VERIFICATION BY
DRAWINGS CORRECTED BY
DATE
MICRO-FILM INFORMATION
RECORDED BY
DATE
NO.

BENCH MARKS
A.C.S. STATION "4-L11" A 60-PENNY NAIL IN THE POWER POLE LOCATED EAST OF HOUSE NO 6000 EAST BRIDGE S.W.
ELEVATION = 5011.199 FEET (M.S.L.D.)

SURVEY INFORMATION

NO.	FIELD NOTES BY	DATE
930331	J.M.A.	01/94

ENGINEER'S SEAL
NEW MEXICO REGISTERED PROFESSIONAL ENGINEER 8547 JEFF A. MORTENSEN
04-29-97

NO.	DATE	REMARKS	BY
		Revisions	
		DESIGN	

		DATE
Designed By	G.R.B.	04/97
Drawn By	ACAD	04/97
Checked By	J.G.M.	04/97

BID LOT NO. 1

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

CITY OF ALBUQUERQUE
PARKS AND GENERAL SERVICES
DESIGN & DEVELOPMENT DIVISION

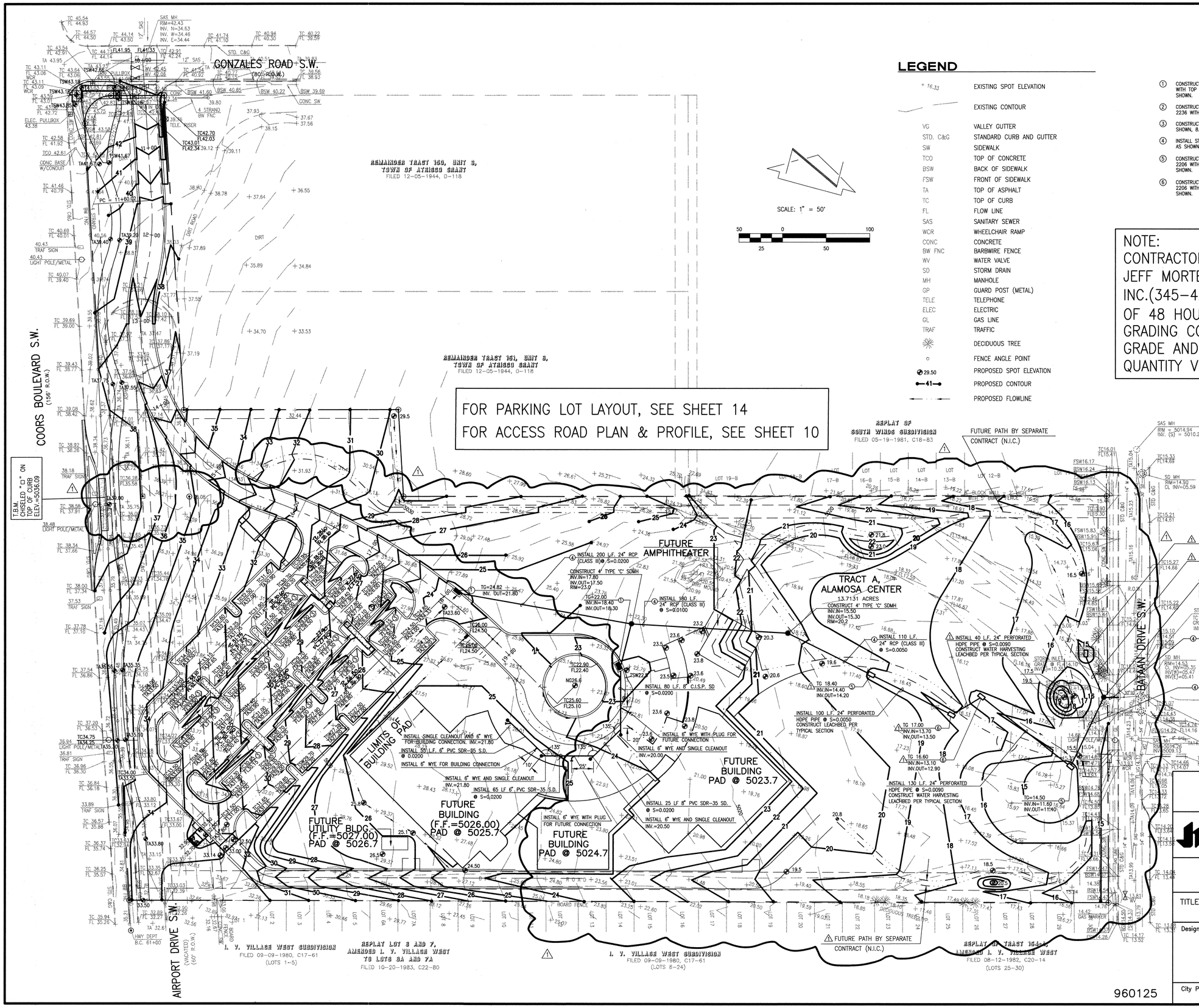
TITLE: DRAINAGE PLAN, CALCULATIONS & SECTIONS
ALAMOSA CENTER FOR FAMILY AND COMMUNITY SERVICES
PHASE I

Design Review Committee — APPROVED JUN 10 1997 — DESIGN REVIEW COMMITTEE

City Engineer Approval

Last Design Update — Mo./Day/Yr. — Mo./Day/Yr.

City Project No.	Zone Map No.	Sheet	Of
5177.92	L-10	7	21



FOR PARKING LOT LAYOUT, SEE SHEET 14
FOR ACCESS ROAD PLAN & PROFILE, SEE SHEET 10

LEGEND

+ 16.33	EXISTING SPOT ELEVATION
	EXISTING CONTOUR
VG	VALLEY GUTTER
STD. C&G	STANDARD CURB AND GUTTER
SW	SIDEWALK
TCO	TOP OF CONCRETE
BSW	BACK OF SIDEWALK
FSW	FRONT OF SIDEWALK
TA	TOP OF ASPHALT
TC	TOP OF CURB
FL	FLOW LINE
SAS	SANITARY SEWER
WCR	WHEELCHAIR RAMP
CONC	CONCRETE
BW FNC	BARBWIRE FENCE
WV	WATER VALVE
SD	STORM DRAIN
MH	MANHOLE
GP	GUARD POST (METAL)
TELE	TELEPHONE
ELEC	ELECTRIC
GL	GAS LINE
TRAF	TRAFFIC
	DECIDUOUS TREE
	FENCE ANGLE POINT
29.50	PROPOSED SPOT ELEVATION
41	PROPOSED CONTOUR
	PROPOSED FLOWLINE

SCALE: 1" = 50'

50 0 100
25 50

KEYED NOTES

1. CONSTRUCT OIL SEPARATING INLET PER THE TYPICAL DETAIL AND SECTIONS WITH TOP OF GRATE (TG) AND INVERT (INV.) ELEVATIONS AS SHOWN.
2. CONSTRUCT 12" SIDEWALK CULVERT PER C.O.A. STANDARD DRAWING 2236 WITH INERT (INV.) ELEVATIONS AS SHOWN.
3. CONSTRUCT 2' CURB OPENING WITH FLOWLINE (FL) ELEVATIONS AS SHOWN, 8.5' WEST FROM THE CURB CORNER
4. INSTALL STORM DRAIN WITH PIPE SIZE, PIPE MATERIAL, AND SLOPE AS SHOWN.
5. CONSTRUCT DOUBLE "D" INLET PER C.O.A. STANDARD DRAWING 2206 WITH TOP OF GRATE (TG) AND INVERT (INV.) ELEVATIONS AS SHOWN.
6. CONSTRUCT SINGLE "D" INLET PER C.O.A. STANDARD DRAWING 2206 WITH TOP OF GRATE (TG) AND INVERT (INV.) ELEVATIONS AS SHOWN.

NOTE:
CONTRACTOR SHALL NOTIFY JEFF MORTENSEN & ASSOC., INC.(345-4250) A MAXIMUM OF 48 HOURS AFTER ROUGH GRADING COMPLETION FOR GRADE AND EARTHWORK QUANTITY VERIFICATION

AS BUILT INFORMATION

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

MICRO-FILM INFORMATION

RECORDED BY	
DATE	
NO.	

BENCH MARKS

A.C.S. STATION "2-L10" A ACS 3 1/4" ALUMINUM CAP SET FLUSH IN THE TOP OF CURB AND IS STAMPED "2-L10, 1989". THE STATION IS IN THE SOUTHEAST QUADRANT OF THE INTERSECTION OF COORS BLVD. S.W. AND BRIDGE BLVD. S.W. IN THE NORTHWEST NOSE OF A TRAFFIC ISLAND.
ELEVATION = 5033.250 FEET (M.S.L.D.)

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE
930331	J.M.A.	01/94
960123	J.M.A.	05/96

ENGINEER'S SEAL

JEFFREY G. MORTENSEN
NEW MEXICO
8547
REGISTERED PROFESSIONAL ENGINEER
04-29-97 06-30-97

No.	Date	Remarks	BY	G.R.B.
06-97		ADD PARK ROUGH GRADING.		
		Revisions		
		Design	G.R.B.	Date 04-97
			T.N.T./J.M.C.	Date 04-97
			J.G.M.	Date 04-97

Designed By
Drawn By
Checked By

BID LOT NO. 1

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

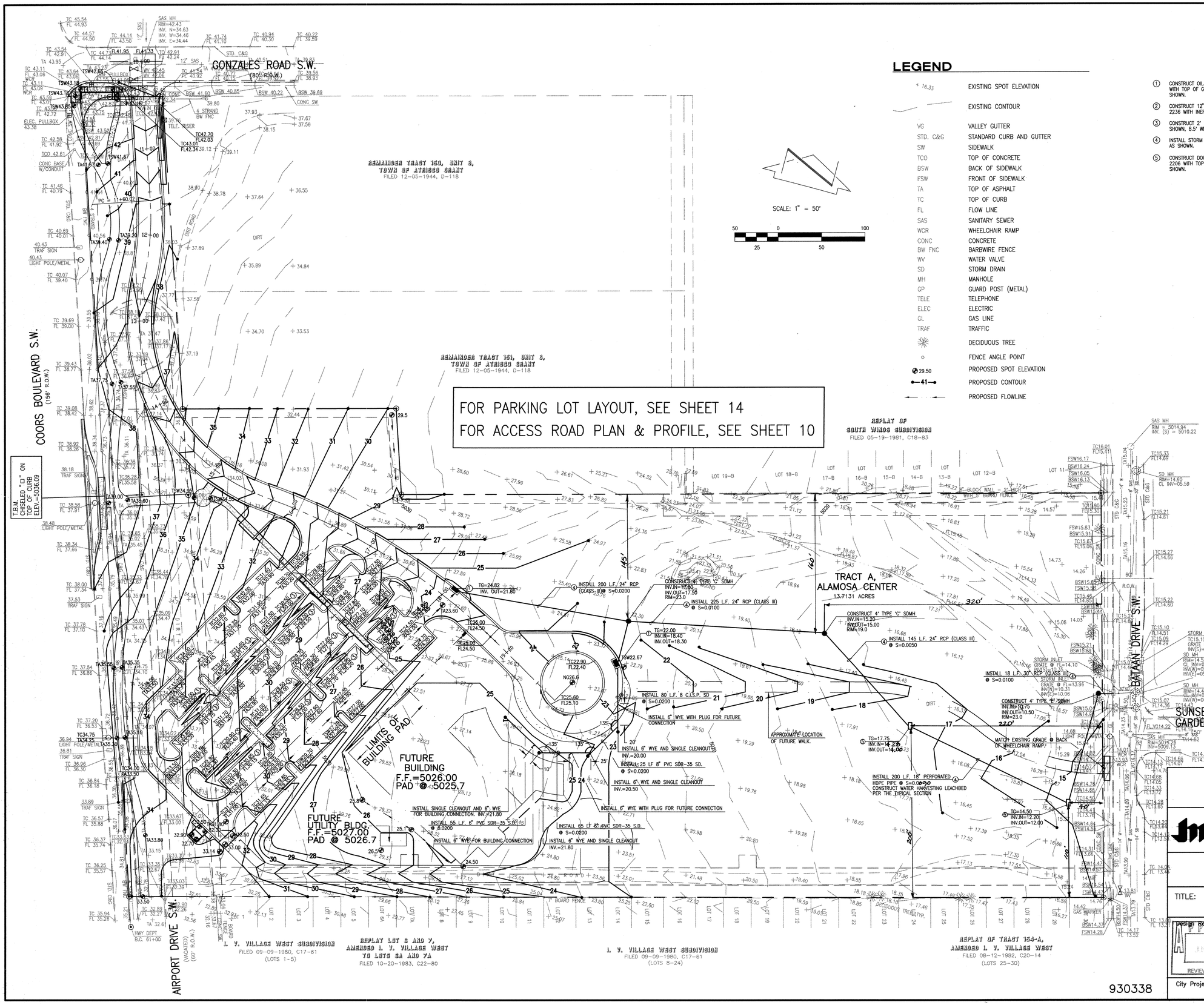
CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE: GRADING AND DRAINAGE PLAN
ALAMOSA CENTER
PHASE 1

Design Review Committee | City Engineer Approval | Last Design Update | Mo./Day/Yr. | Mo./Day/Yr.

City Project No. 5177.92 | Zone Map No. L-10 | Sheet 8 Of 21

ADDENDUM #1, ATTACHMENT #1



LEGEND

+ 16.33	EXISTING SPOT ELEVATION
	EXISTING CONTOUR
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GL	GAS LINE
TRAF	TRAFFIC
	DECIDUOUS TREE
	FENCE ANGLE POINT
29.50	PROPOSED SPOT ELEVATION
41	PROPOSED CONTOUR
	PROPOSED FLOWLINE

SCALE: 1" = 50'

50 0 100
25 50

KEYED NOTES

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2. CONSTRUCT 12" SIDEWALK CULVERT PER C.O.A. STANDARD DRAWING 2236 WITH INERT (INV.) ELEVATIONS AS SHOWN.
3. CONSTRUCT 2' CURB OPENING WITH FLOWLINE (FL) ELEVATIONS AS SHOWN, 8.5' WEST FROM THE CURB CORNER
4. INSTALL STORM DRAIN WITH PIPE SIZE, PIPE MATERIAL, AND SLOPE AS SHOWN.
5. CONSTRUCT DOUBLE 'D' INLET PER C.O.A. STANDARD DRAWING 2206 WITH TOP OF GRATE (TG) AND INVERT (INV.) ELEVATIONS AS SHOWN.

AS BUILT INFORMATION

CONTRACTOR — DATE
WORK STAKED BY — DATE
INSPECTORS ACCEPTANCE BY — DATE
FIELD VERIFICATION BY — DATE
DRAWINGS CORRECTED BY — DATE

MICRO-FILM INFORMATION
RECORDED BY — DATE
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ELEVATION = 5033.250 FEET (M.S.L.D.)

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE
930331	J.M.A.	01/94
960123	J.M.A.	05/96

ENGINEER'S SEAL

JEFFREY G. MORTENSEN
NEW MEXICO
8547
REGISTERED PROFESSIONAL ENGINEER
04-29-97

No.	Date	Remarks	By
		Revisions	
		Design	

Designed By G.R.B. Date 04-97
Drawn By T.N.T./J.M.C. Date 04-97
Checked By J.G.M. Date 04-97

BID LOT NO. 1

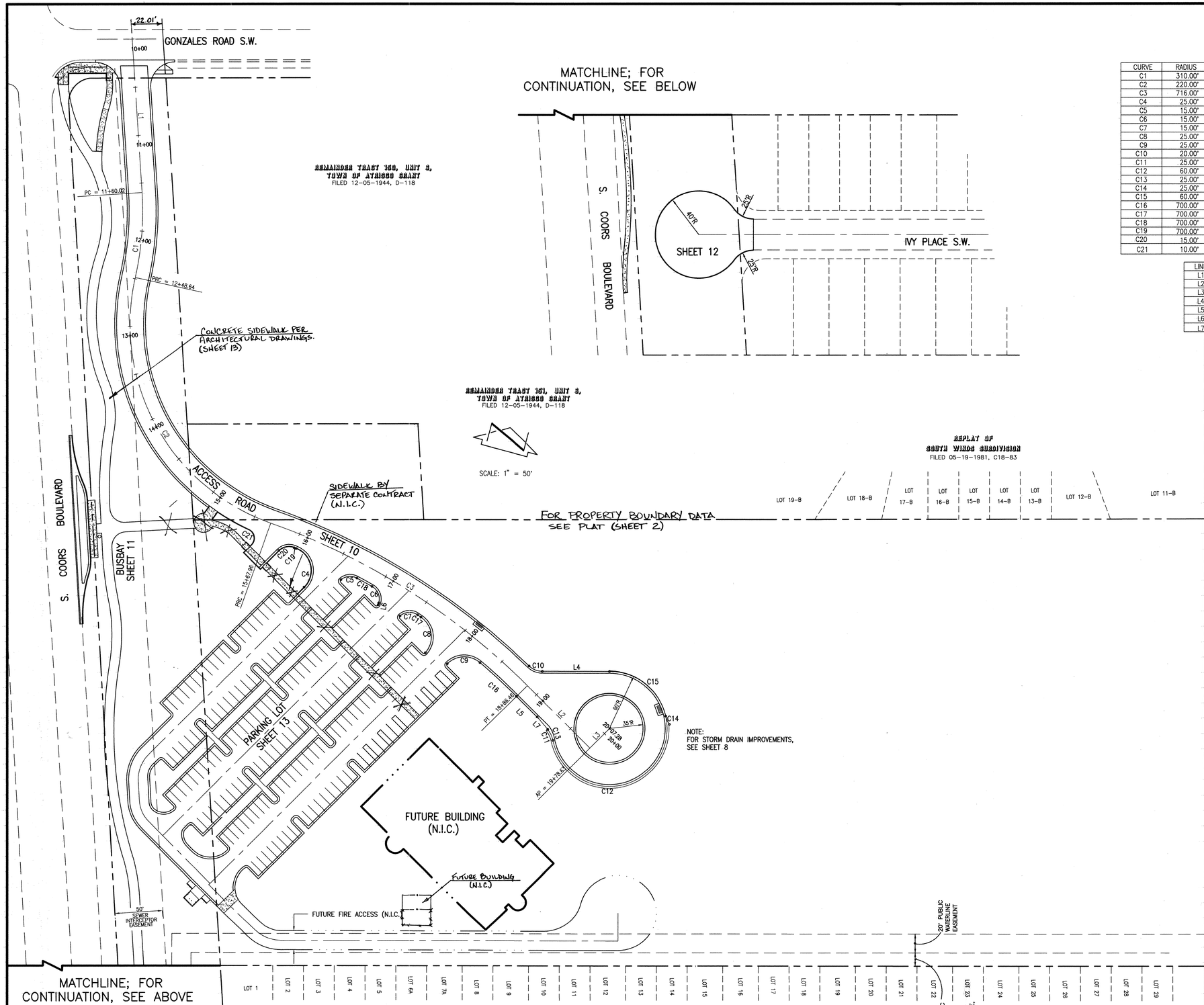
JEFF MORTENSEN & ASSOCIATES, INC.
6010-B MIDWAY PARK BLVD. N.E.
ALBUQUERQUE ☐ NEW MEXICO 87109
ENGINEERS ☐ SURVEYORS (505) 345-4250

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE: GRADING AND DRAINAGE PLAN
ALAMOSA CENTER
PHASE 1

Design Review Committee — JUN 10 1997 — DESIGN REVIEW COMMITTEE
City Engineer Approval
Last Design Update — Mo./Day/Yr. — Mo./Day/Yr.

City Project No. 5177.92
Zone Map No. L-10
Sheet 8 Of 21



PAVING TABLES

CURVE	RADIUS	LENGTH	CHORD	BEARING	DELTA
C1	310.00'	88.62'	88.31'	S 10°25'39" E	16°22'42"
C2	220.00'	319.32'	292.02'	S 43°49'09" E	83°09'42"
C3	716.00'	318.50'	315.88'	S 72°39'24" E	25°29'12"
C4	25.00'	49.32'	41.70'	S 26°25'31" E	113°01'27"
C5	15.00'	17.68'	16.68'	N 69°20'19" E	67°32'36"
C6	15.00'	19.99'	18.54'	S 37°14'42" E	76°21'52"
C7	15.00'	19.72'	18.33'	N 71°28'28" E	75°20'37"
C8	25.00'	42.36'	37.47'	S 21°58'13" E	97°05'05"
C9	25.00'	37.42'	34.02'	S 72°57'45" W	85°45'06"
C10	20.00'	15.34'	14.97'	S 82°56'13" E	43°57'09"
C11	25.00'	18.11'	17.71'	N 39°09'47" W	41°30'01"
C12	60.00'	189.85'	119.99'	N 77°44'33" E	181°17'51"
C13	25.00'	15.26'	15.02'	S 42°25'40" E	34°58'16"
C14	25.00'	9.64'	9.58'	S 38°39'18" E	22°05'27"
C15	60.00'	80.95'	74.95'	S 66°15'41" E	77°18'13"
C16	700.00'	51.90'	51.89	N 62°02'15" W	04°14'54"
C17	700.00'	4.17'	4.17'	S 70°40'59" E	00°20'28"
C18	700.00'	17.87'	17.87'	S 76°09'31" E	01°27'44"
C19	700.00'	2.32'	2.32'	S 68°07'09" E	00°11'24"
C20	15.00'	17.40'	16.44'	N 78°14'28" E	66°28'52"
C21	10.00'	19.18'	16.37'	N 09°57'11" W	109°54'21"

LINE	DIRECTION	DISTANCE
L1	S 18°37'00" E	160.02'
L2	S 59°54'48" E	92.17'
L3	N 30°05'12" E	28.65'
L4	N 75°05'12" E	69.79'
L5	N 59°54'48" W	30.54'
L6	S 00°56'14" W	1.92'
L7	N 59°54'48" W	12.91'

AS BUILT INFORMATION

CONTRACTOR
WORKS BY — DATE
INSPECTORS ACCEPTANCE BY — DATE
FIELD VERIFICATION BY — DATE
COMPUTER CORRECTED BY — DATE
MICRO-FILM INFORMATION
RECORDED BY — DATE
NO.

BENCH MARKS

A.C.S. STATION "4-L11" A 60-PENNY NAIL IN THE POWER POLE LOCATED EAST OF HOUSE NO 6000 EAST BRIDGE S.W.
ELEVATION = 5011.199 FEET (M.S.L.D.)

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE
930331	J.M.A.	01/94

ENGINEER'S SEAL

JEFFREY G. MORTENSEN — NEW MEXICO — 8547 — REGISTERED PROFESSIONAL ENGINEER
04-29-97

NO.	DATE	REMARKS	BY
		Revisions	

		DATE
Designed By	J.G.M.	DATE: 04/97
Drawn By	S.G.H./T.N.T.	DATE: 04/97
Checked By	J.G.M.	DATE: 04/97

BID LOT NO. 1

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

CITY OF ALBUQUERQUE
PARKS AND GENERAL SERVICES
DESIGN & DEVELOPMENT DIVISION

TITLE: PAVING SITE PLAN
ALAMOSA CENTER FOR FAMILY AND COMMUNITY SERVICES
PHASE I

Design Review Committee — APPROVED JUN 10 1997 — DESIGN REVIEW COMMITTEE
City Engineer Approval
Last Design Update — Mo./Day/Yr. — Mo./Day/Yr.

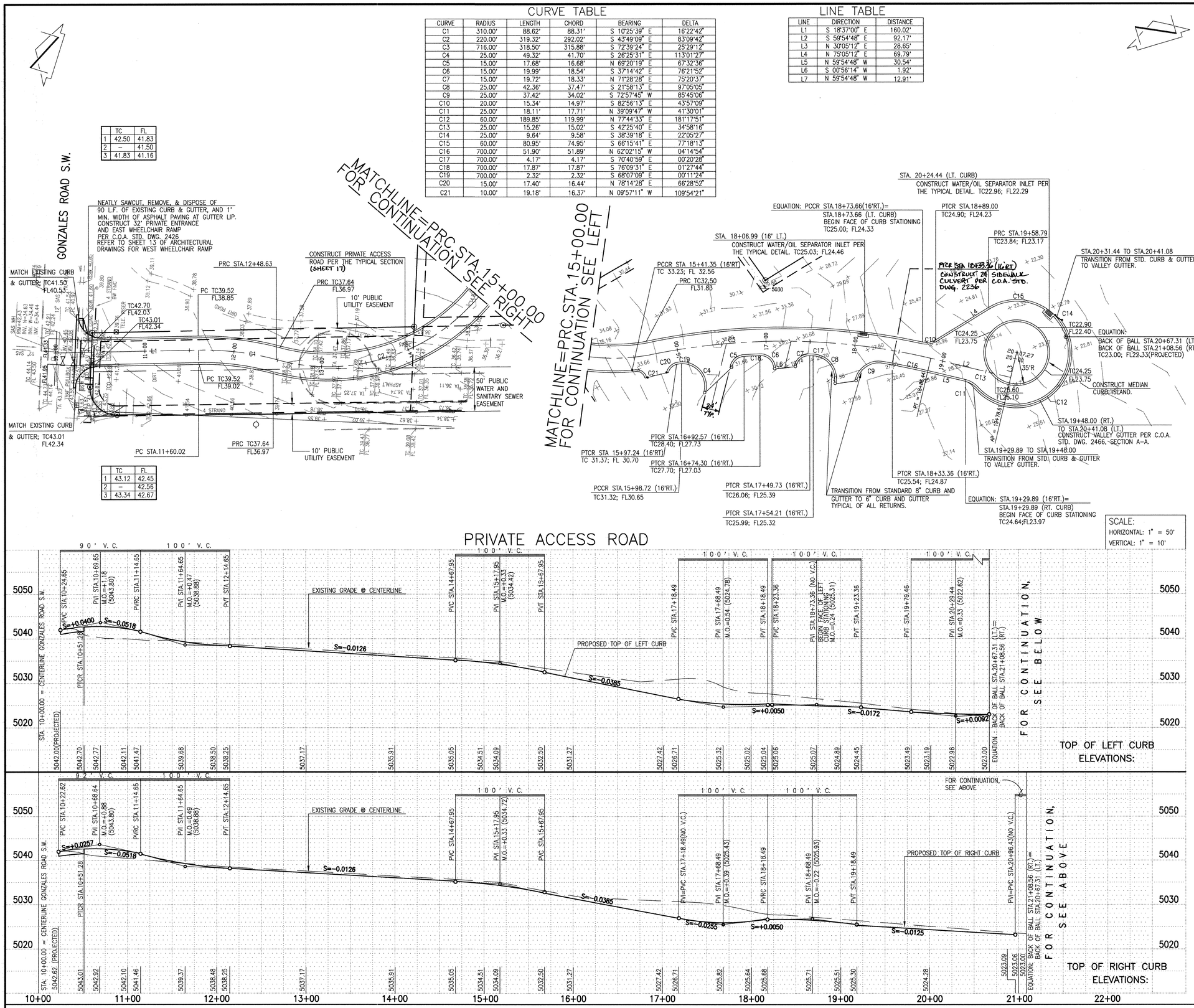
City Project No.	Zone Map No.	Sheet	Of
5177.92	L-10	9	21

CURVE TABLE

CURVE	RADIUS	LENGTH	CHORD	BEARING	DELTA
C1	310.00'	88.62'	88.31'	S 10°25'39" E	16°22'42"
C2	220.00'	319.32'	292.02'	S 43°49'09" E	83°09'42"
C3	716.00'	318.50'	315.88'	S 72°39'24" E	25°29'12"
C4	25.00'	49.32'	41.70'	S 26°25'31" E	113°01'27"
C5	15.00'	17.68'	16.68'	N 69°20'19" E	67°32'36"
C6	15.00'	19.99'	18.54'	S 37°14'42" E	76°21'52"
C7	15.00'	19.72'	18.33'	N 71°28'28" E	75°20'37"
C8	25.00'	42.36'	37.47'	S 21°58'13" E	97°05'05"
C9	25.00'	37.42'	34.02'	S 72°57'45" W	85°45'06"
C10	20.00'	15.34'	14.97'	S 82°56'13" E	43°57'09"
C11	25.00'	18.11'	17.71'	N 39°09'47" W	41°30'01"
C12	60.00'	189.85'	119.99'	N 77°44'33" E	181°17'51"
C13	25.00'	15.26'	15.02'	S 42°25'40" E	34°58'16"
C14	25.00'	9.64'	9.58'	S 38°39'18" E	22°05'27"
C15	60.00'	80.95'	74.95'	S 66°15'41" E	77°18'13"
C16	700.00'	51.90'	51.89'	N 62°02'15" W	04°14'54"
C17	700.00'	4.17'	4.17'	S 70°40'59" E	00°20'28"
C18	700.00'	17.87'	17.87'	S 76°09'31" E	01°27'44"
C19	700.00'	2.32'	2.32'	S 68°07'09" E	00°11'24"
C20	15.00'	17.40'	16.44'	N 78°14'28" E	66°28'52"
C21	10.00'	19.18'	16.37'	N 09°57'11" W	109°54'21"

LINE TABLE

LINE	DIRECTION	DISTANCE
L1	S 18°37'00" E	160.02'
L2	S 59°54'48" E	92.17'
L3	N 30°05'12" E	28.65'
L4	N 75°05'12" E	69.79'
L5	N 59°54'48" W	30.54'
L6	S 00°56'14" W	1.92'
L7	N 59°54'48" W	12.91'



STREET PAVING IMPROVEMENTS:

1. ALL SLOPES AS SHOWN ON PROFILES ARE BASED ON STREET CENTERLINE STATIONING EXCEPT CUL-DE-SACS AND EYEBROWS WHERE STATIONING IS ALONG FACE-OF-CURB.
2. WHERE REMOVAL OF EXISTING CURB AND GUTTER, SIDEWALK OR PAVEMENT IS REQUIRED, THE CONTRACTOR SHALL SAWCUT AND/OR REMOVE TO THE NEAREST JOINT. CURB AND GUTTER SHOWN AS EXISTING AND NOT TO BE REMOVED UNDER THIS CONTRACT WHICH IS DAMAGED OR DISPLACED BY THE CONTRACTOR SHALL BE REMOVED AND REPLACED BY THE CONTRACTOR AT THE CONTRACTOR'S EXPENSE.
3. ALL DIMENSIONS OF CURB AND CURB RETURNS ARE SHOWN TO FACE-OF-CURB.
4. ALL WHEELCHAIR RAMPS MUST BE CONSTRUCTED UNDER THIS WORK ORDER.
5. ALL CURB AND GUTTER SHOWN HEREON SHALL BE STANDARD CURB AND GUTTER PER CITY OF ALBUQUERQUE STANDARD DRAWING 2415 UNLESS OTHERWISE NOTED.
6. STRIPING BY CONTRACTOR WILL BE REQUIRED PRIOR TO FINAL ACCEPTANCE.
7. FOR PARKING LOT DIMENSIONS, SEE ARCHITECTURAL DRAWINGS.
8. FOR CURB AND CENTERLINE CURVE DATA, SEE SHEET 9.

AS BUILT INFORMATION
CONTRACTOR
WORK STAKED BY DATE
INSPECTORS ACCEPTANCE BY DATE
FIELD VERIFICATION BY DATE
DRAWINGS CORRECTED BY DATE
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS
A.C.S. STATION "2-L10" A ACS 3 1/4" ALUMINUM CAP SET FLUSH IN THE TOP OF CURB AND IS STAMPED "2-L10, 1989". THE STATION IS IN THE SOUTHEAST QUADRANT OF THE INTERSECTION OF COORS BLVD. S.W. AND BRIDGE BLVD. S.W. IN THE NORTHWEST NOSE OF A TRAFFIC ISLAND.
ELEVATION = 5033.250 FEET (M.S.L.D.)

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL
JEFFREY G. MORTENSEN NEW MEXICO 8547 REGISTERED PROFESSIONAL ENGINEER
04-29-97

NO.	DATE	REMARKS	BY
		Revisions	
		DESIGN	

Designed By G.R.B. Date 04/97
Drawn By J.M.A. Date 04/97
Checked By J.G.M. Date 04/97

BID LOT NO. 1

JEFF MORTENSEN & ASSOCIATES, INC.
6003-B MIDWAY PARK BLVD. NE.
ALBUQUERQUE ☐ NEW MEXICO 87109
ENGINEERS ☐ SURVEYORS (505) 345-4250

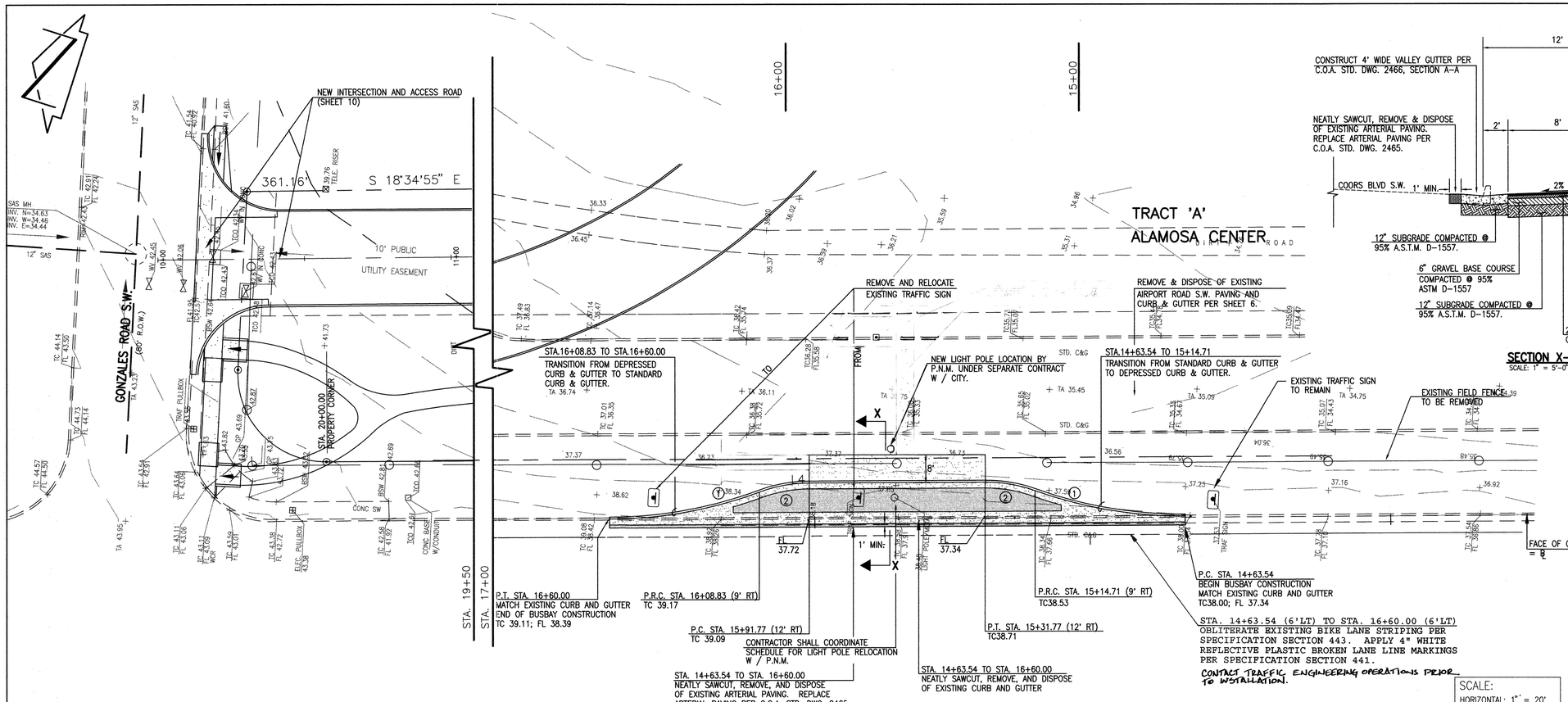
CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPEMENT GROUP

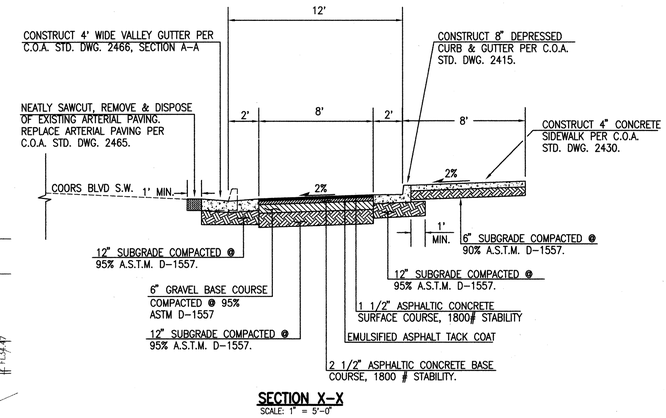
TITLE: ALAMOSA CENTER – PHASE I
ACCESS ROAD PLAN & PROFILE
STA.10+22.62 TO STA.21+08.56

Design Review Committee — DESIGN REVIEW COMMITTEE
City Engineer Approval
Last Design Update — Mo./Day/Yr. — Mo./Day/Yr.

930336

City Project No.	Zone Map No.	Sheet	Of
5177.92	L-10	10	21



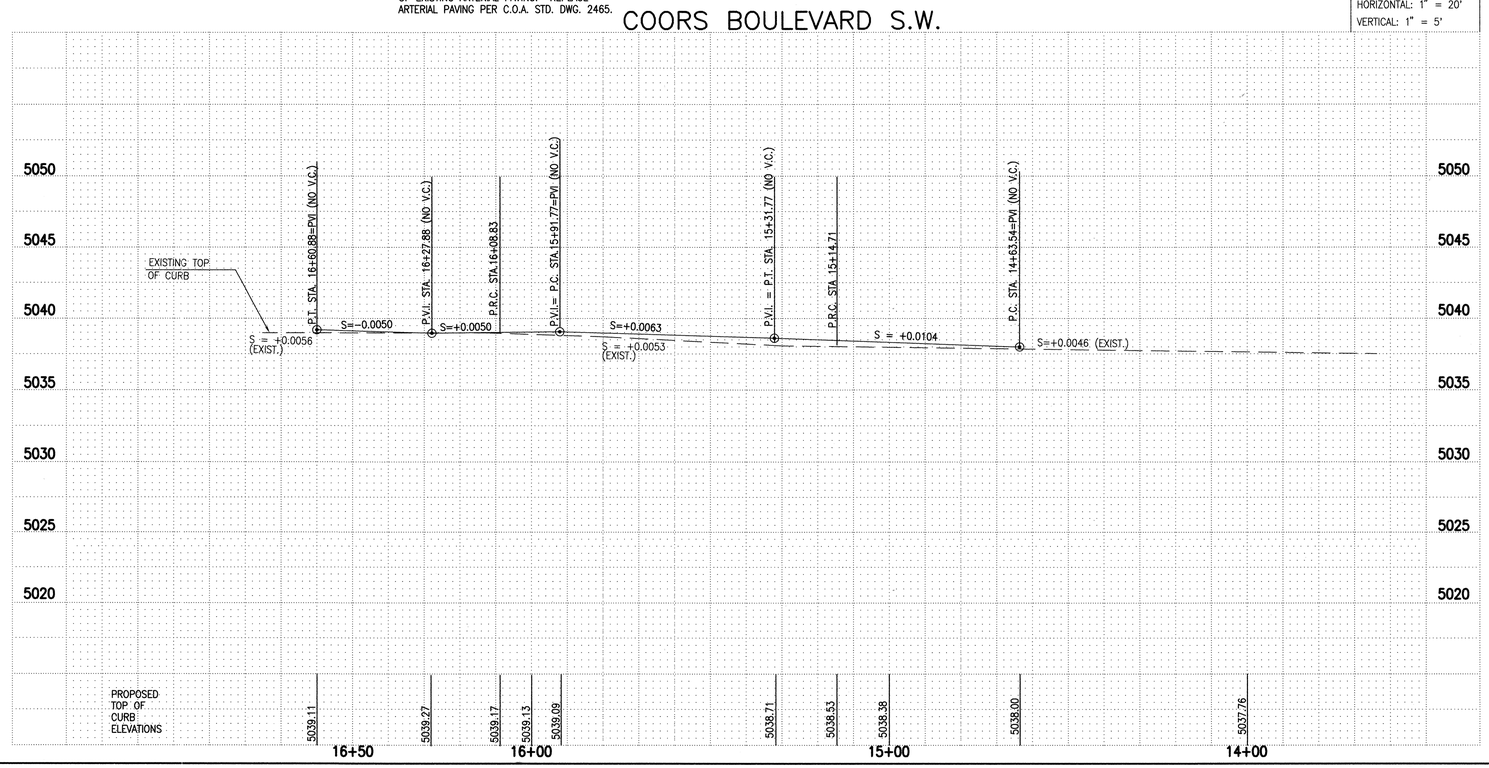


SECTION X-X
SCALE: 1" = 5'-0"

CURVE TABLE

	RADIUS	DELTA	LENGTH
1	150.00'	19 56' 50"	52.22'
2	50.00'	19 56' 50"	17.41'

SCALE:
HORIZONTAL: 1" = 20'
VERTICAL: 1" = 5'



STREET PAVING IMPROVEMENTS:

1. ALL SLOPES AS SHOWN ON PROFILES ARE BASED ON STREET CENTERLINE STATIONING EXCEPT CUL-DE-SACS WHERE STATIONING IS ALONG FACE-OF-CURB, UNLESS OTHERWISE NOTED.
2. WHERE REMOVAL OF EXISTING CURB AND GUTTER, SIDEWALK OR PAVEMENT IS REQUIRED, THE CONTRACTOR SHALL SAWCUT AND/OR REMOVE TO THE NEAREST JOINT. CURB AND GUTTER SHOWN AS EXISTING AND NOT TO BE REMOVED UNDER THIS CONTRACT WHICH IS DAMAGED OR DISPLACED BY THE CONTRACTOR SHALL BE REMOVED AND REPLACED BY THE CONTRACTOR AT THE CONTRACTOR'S EXPENSE.
3. ALL DIMENSIONS OF PAVING AND RETURNS ARE SHOWN TO EDGE OF PAVING.

960122

BID LOT NO. 1

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

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE: ALAMOSA CENTER
BUSBAY PLAN AND PROFILE
COORS BLVD. S.W. STA 13+93.54 TO 15+90.00

Design Review Committee: APPROVED JUN 10 1997 DESIGN REVIEW COMMITTEE
City Engineer Approval
Last Design Update: Mo./Day/Yr. Mo./Day/Yr.

City Project No.	Zone Map No.	Sheet	Of
5177.92	L-10	11	21

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

BENCH MARKS
A.C.S. STATION "2-L10" AN ACS 3 1/4" ALUMINUM CAP SET FLUSH IN THE TOP OF CURB AND IS STAMPED "S-L10,1989". THE STATION IS IN THE SOUTHEAST QUADRANT OF THE INTERSECTION OF COORS BLVD. S.W. AND BRIDGE S.W. IN THE NORTHWEST NOSE OF A TRAFFIC ISLAND.
ELEVATION = 5033.25 FEET (M.S.L.D.)

SURVEY INFORMATION
FIELD NOTES

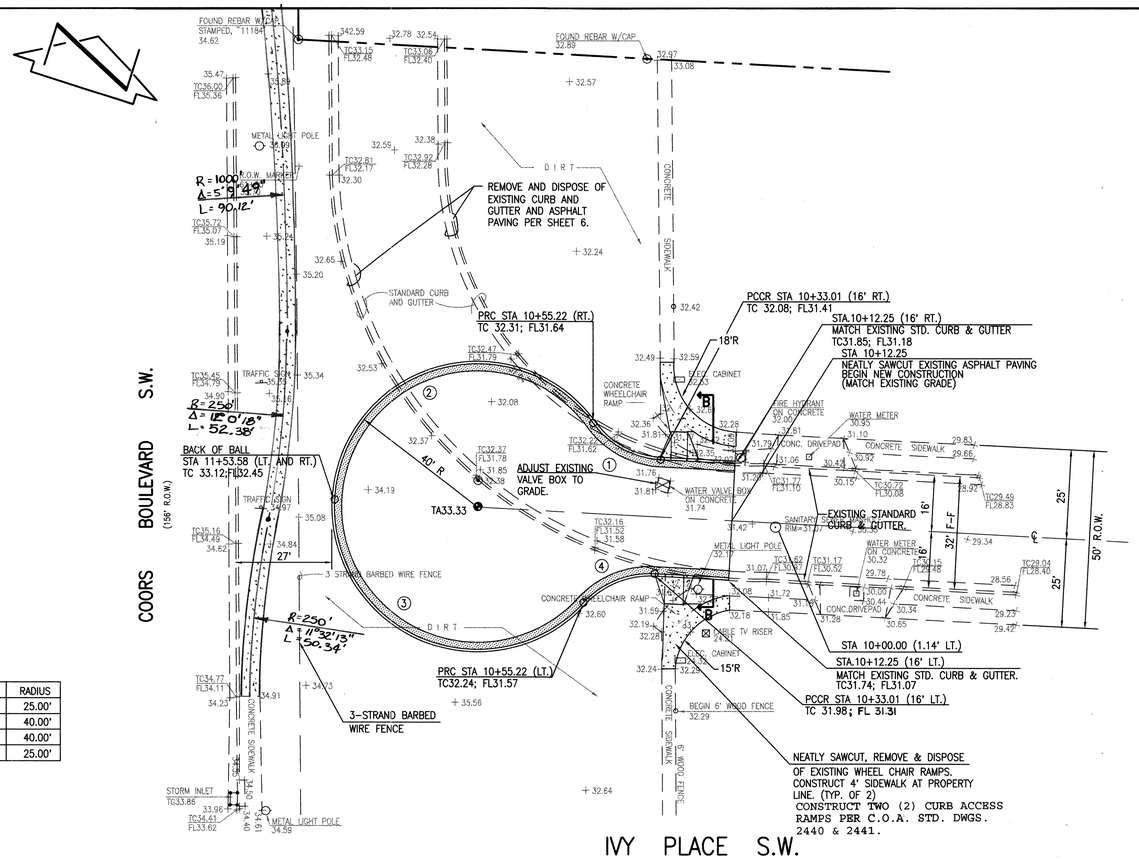
NO.	BY	DATE
93033	J.M.A.	01/94

ENGINEER'S SEAL
JEFF G. MORTENSEN NEW MEXICO 8547 REGISTERED PROFESSIONAL ENGINEER
04-28-97

NO.	DATE	REMARKS	BY
		Revisions	

DESIGN

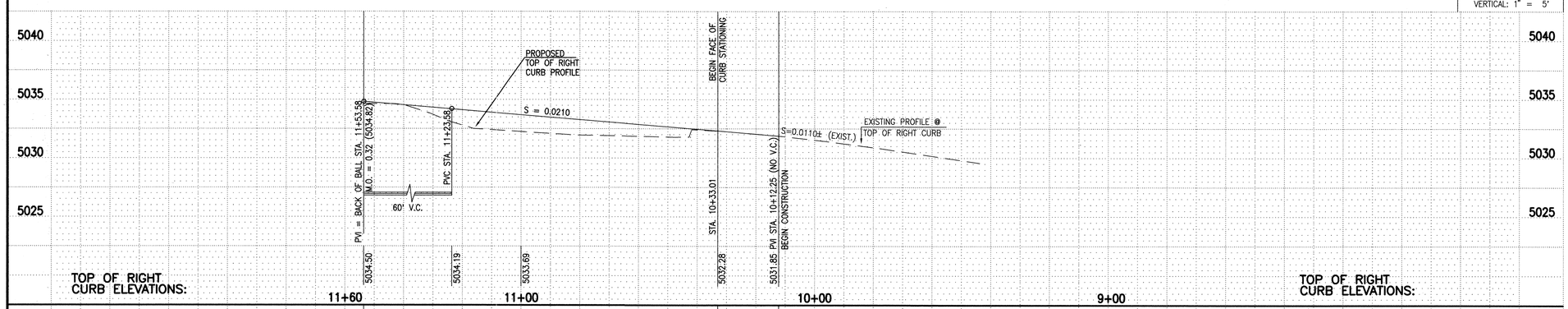
		Date
Designed By	G.R.B.	04-1997
Drawn By	C.J.H.	04-1997
Checked By	J.G.M.	04-1997

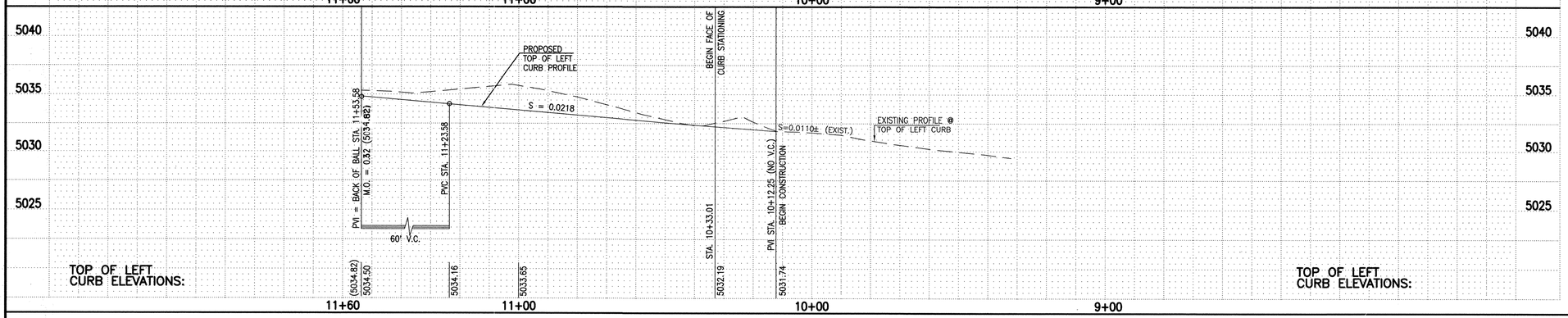


CURB CURVE DATA

CURVE	ARC	DELTA	RADIUS
①	22.21'	50°53'35"	25.00'
②	98.36'	140°53'35"	40.00'
③	98.36'	140°53'35"	40.00'
④	22.21'	50°53'35"	25.00'

SCALE:
HORIZONTAL: 1" = 20'
VERTICAL: 1" = 5'





960121

STREET PAVING IMPROVEMENTS:

1. ALL SLOPES AS SHOWN ON PROFILES ARE BASED ON STREET CENTERLINE STATIONING EXCEPT CUL-DE-SACS AND EYEBROWS WHERE STATIONING IS ALONG FACE-OF-CURB.
2. WHERE REMOVAL OF EXISTING CURB AND GUTTER, SIDEWALK OR PAVEMENT IS REQUIRED, THE CONTRACTOR SHALL SAWCUT AND/OR REMOVE TO THE NEAREST JOINT. CURB AND GUTTER SHOWN AS EXISTING AND NOT TO BE REMOVED UNDER THIS CONTRACT WHICH IS DAMAGED OR DISPLACED BY THE CONTRACTOR SHALL BE REMOVED AND REPLACED BY THE CONTRACTOR AT THE CONTRACTOR'S EXPENSE.
3. ALL DIMENSIONS OF CURB AND CURB RETURNS ARE SHOWN TO FACE-OF-CURB.
4. ALL CURB AND GUTTER SHOWN HEREON SHALL BE STANDARD CURB AND GUTTER PER CITY OF ALBUQUERQUE STANDARD DRAWING 2415 UNLESS OTHERWISE NOTED.
5. SEE SHEET 17 FOR SECTIONS AND DETAILS.

AS BUILT INFORMATION

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

BENCH MARKS
A.C.S. STATION "2-L10", AN ACS 3 1/4" ALUMINUM CAP SET FLUSH IN THE TOP OF CURB AND STAMPED "2-L10, 1989". THE STATION IS IN THE SOUTHEAST QUADRANT OF THE INTERSECTION OF COORS BLVD. S.W. AND BRIDGE BLVD. S.W. IN THE NORTHWEST NOSE OF A TRAFFIC ISLAND.
ELEVATION = 5033.250 FEET (M.S.L.D.)

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE
960123	J.M.A.	05/1996

ENGINEER'S SEAL
JEFFREY S. MORTENSEN
NEW MEXICO
8542
REGISTERED PROFESSIONAL ENGINEER
04-28-97

NO.	DATE	REMARKS	BY
		Revisions	
		DESIGN	

		Date
Designed By	M.F.D.	04-97
Drawn By	J.M.A.	04-97
Checked By	J.G.M.	04-97

BID LOT NO. 1

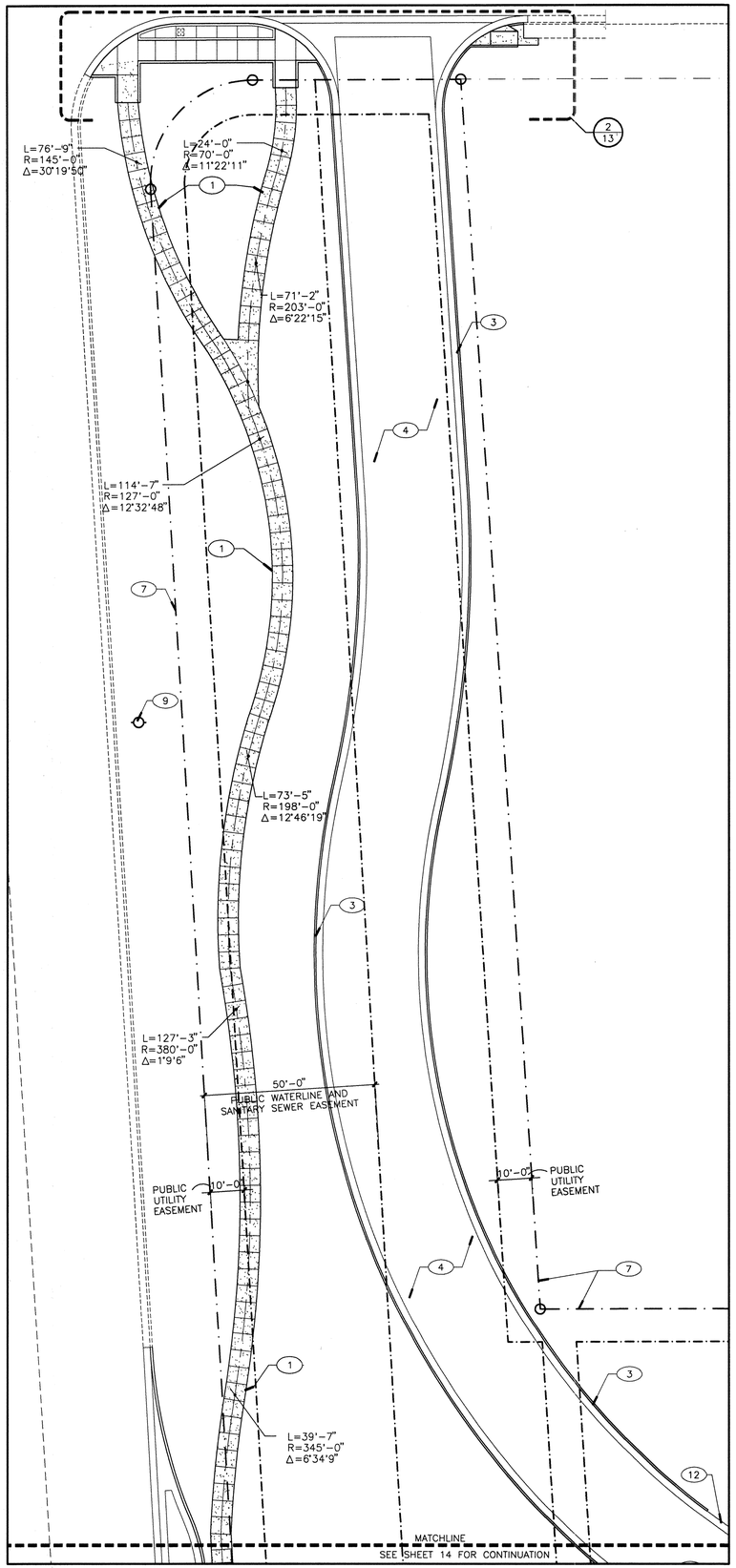
JEFF MORTENSEN & ASSOCIATES, INC.
6010-B MIDWAY PARK BLVD. NE.
ALBUQUERQUE NEW MEXICO 87109
ENGINEERS SURVEYORS (505) 345-4250

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE: ALAMOSA CENTER
PAVING IMPROVEMENTS PLAN AND PROFILE
IVY PLACE S.W., STA. 10+12.25 TO 11+53.58

Design Review Committee — JUN 10 1997 — DESIGN REVIEW COMMITTEE
City Engineer Approval
Last Design Update | Mo./Day/Yr. | Mo./Day/Yr.

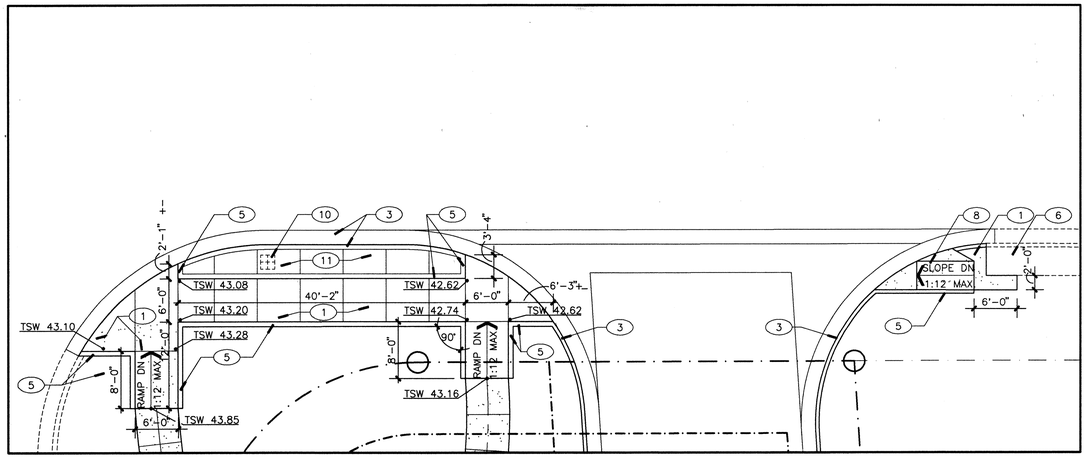
City Project No.	Zone Map No.	Sheet	Of
5177.92	L-10	12	21

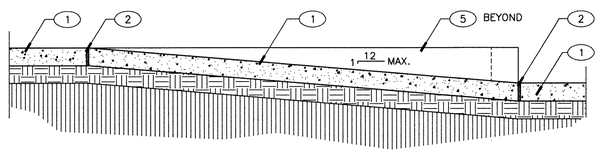


2/13 ENLARGED RAMP PLAN

1"=10'-0"

NORTH





3/13 SECTION • CONC. RAMPS WITH HEADER CURBS

3/4"=1'-0"

1/13 ENLARGED PLAN OF DRIVE

1"=20'

NORTH

GENERAL NOTES

1. REFER TO C.O.A. STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1986 FOR ALL WORK NOT DIRECTLY SPECIFIED.
2. SEE SHEET #9 FOR ENTRANCE ROAD LAYOUT.

KEYED NOTES

1. CONCRETE SIDEWALK PER CITY OF ALBUQUERQUE STANDARD DRAWING # 2430 WITH CONTROL JOINTS @ 5'-0" O.C. MAX. AND EXPANSION JOINTS @ 20'-0" O.C. MAX OR AS SHOWN ON DRAWINGS.
2. 1/2" EXPANSION JOINT MATERIAL.
3. STANDARD CURB AND GUTTER PER CITY OF ALBUQUERQUE STANDARD DRAWING #2415. SEE SHEET #9 FOR DRIVE LAYOUT.
4. ASPHALTIC CONCRETE DRIVE, SEE SHEET #9 FOR LAYOUT.
5. HEADER CURB PER CITY OF ALBUQUERQUE STANDARD DRAWING DRAWING # 2415. CURB TO FLUSH OUT WITH TOP OF RAMPS. SEE DETAIL #3, SHEET #13.
6. EXISTING CONC. SIDEWALK TO REMAIN.
7. PROPERTY LINE.
8. CONC. RAMP WITH HEADER CURB, PER CITY OF ALBUQUERQUE STANDARD DRAWINGS #2426. CURB TO FLUSH OUT WITH TOP OF RAMP, SEE DETAIL #3, SHEET #13.
9. EXISTING LIGHT POLE TO REMAIN.
10. EXISTING TRAFFIC PULLBOX TO REMAIN. FLUSH NEW CONC. WITH TOP OF PULLBOX.
11. 4", COLORED CONCRETE SIDEWALK, SEE CITY OF ALBUQUERQUE STANDARD DRAWING # 2430 SIM. WITH CONTROL JOINTS @ 5'-0" O.C. MAX. AND EXPANSION JOINTS @ 20'-0" O.C. MAX OR AS SHOWN ON DRAWINGS.
12. CURB CUT, SEE SHEET #9 FOR SIZE AND LOCATION.

LEGEND

- NEW CONCRETE WALK AND/OR PAVING
- EXISTING
- NEW
- EASEMENT
- PROPERTY LINE
- CENTER LINE

AS BUILT INFORMATION

CONTRACTOR
WORK STAKED BY
INSPECTOR'S APPROVAL
FIELD VERIFICATION BY
DRAWING CORRECTED BY

MICRO-FILM INFORMATION

RECORDED BY
NO.

BENCH MARK

A.C.S. STATION "2-L10", AN ACS 3 1/4" ALUMINUM CAP SET FLUSH IN THE TOP OF CURB AND STAMPED "2-L10, 1989". THE STATION IS IN THE SOUTHEAST QUADRANT OF THE INTERSECTION OF COORS BLVD. S.W. AND BRIDGE BLVD. S.W. IN THE NORTH-WEST NOSE OF A TRAFFIC ISLAND.
ELEVATION = 5033.250 FEET (M.S.L.D.)

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE

ARCHITECTS STAMP

STATE OF NEW MEXICO
JONATHAN CRAIG
No. 1599
6/10/97
REGISTERED ARCHITECT

NO.	DATE	REVISIONS/REMARKS	BY

DESIGNED BY: DATE:
DRAWN BY: DATE: 6/5/97
CHECKED BY: DATE:

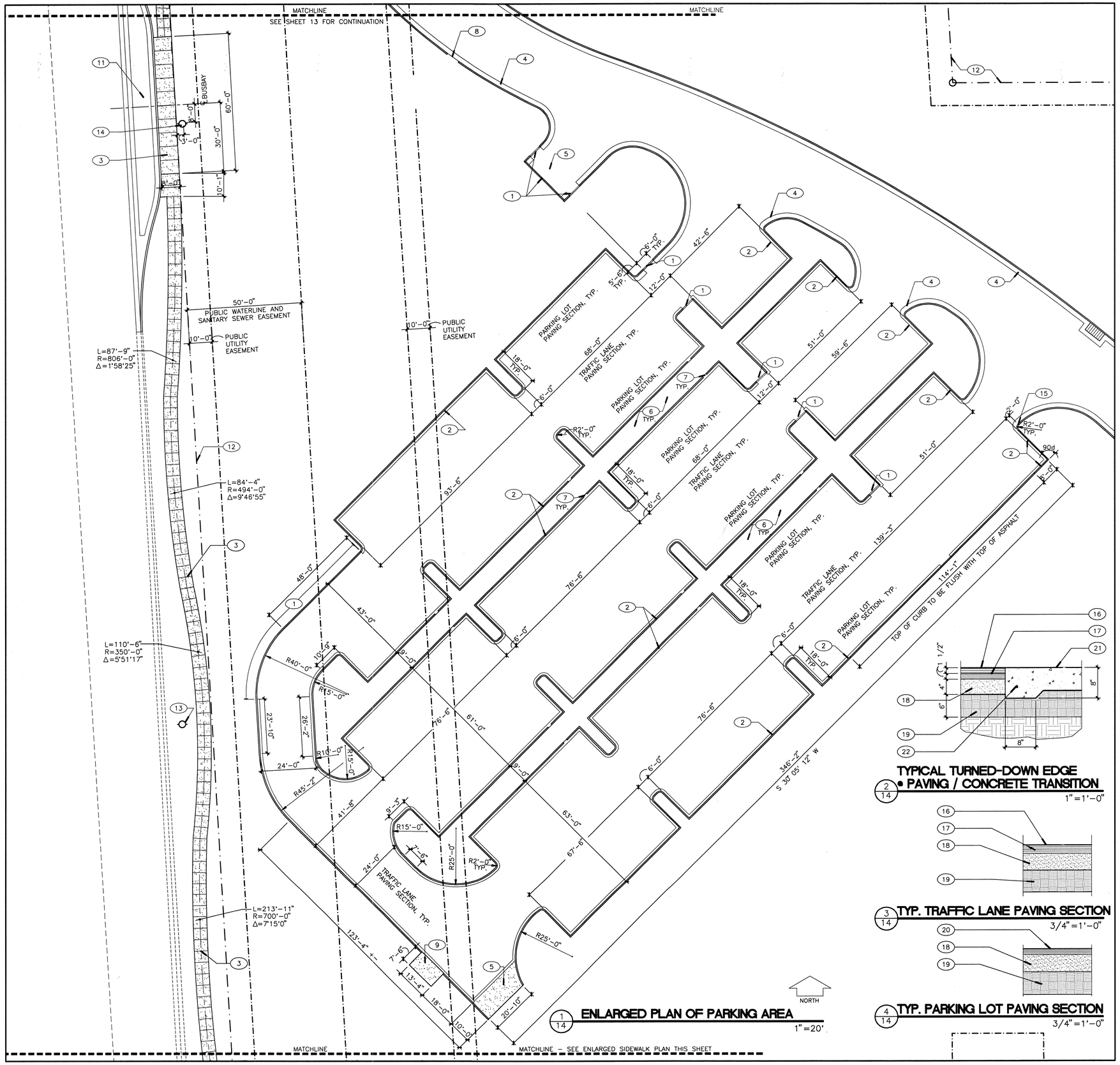
Kells and Craig
Architects, Inc. AIA
P.O. Box 27324
201 Coal Ave. SW
Albuquerque, New Mexico 87125
(505) 243-2724

CITY OF ALBUQUERQUE
DEPARTMENT OF FAMILY & COMMUNITY SERVICES

TITLE: **ALAMOSA CENTER FOR FAMILY AND COMMUNITY SERVICES**
ENLARGED PLAN OF DRIVE

Design Review Committee: APPROVED JUN 10 1997 DESIGN REVIEW COMMITTEE
City Engineer Approval
Last Design Update: MO/DAY/YR. MO/DAY/YR.

City Project No. 5177.92 | Zone Map No. L-11-Z | Sheet 13 Of

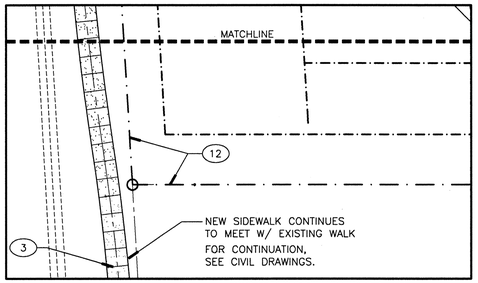


1/14 ENLARGED PLAN OF PARKING AREA
1"=20'

2/14 TYPICAL TURNED-DOWN EDGE • PAVING / CONCRETE TRANSITION
1"=1'-0"

3/14 TYP. TRAFFIC LANE PAVING SECTION
3/4"=1'-0"

4/14 TYP. PARKING LOT PAVING SECTION
3/4"=1'-0"



5/14 ENLARGED PLAN OF SIDEWALK
1"=20'

GENERAL NOTES

1. REFER TO C.O.A. STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1986 FOR ALL WORK NOT DIRECTLY SPECIFIED.
2. SEE SHEET #9 FOR ENTRANCE ROAD LAYOUT.
3. ALL COMPACTION RATES TO MEET ASTM D-1557.

KEYED NOTES

1. ASPHALT CURB PER C.O.A. STANDARD DRAWING #2415.
2. MEDIAN CURB AND GUTTER PER C.O.A. STANDARD DRAWING #2415.
3. CONCRETE SIDEWALK WITH BROOM FINISH PER C.O.A. STANDARD DRAWING #2430 WITH CONTROL JOINTS @ 5'-0" O.C. MAX AND EXPANSION JOINTS @ 20'-0" O.C. MAX., OR AS SHOWN ON DRAWINGS.
4. STANDARD CURB AND GUTTER PER C.O.A. STANDARD DRAWING #2415.
5. 4000 PSI, 6" THICK CONCRETE PAD WITH 6x6 – 6/6 GA. WIRE MESH, SET MESH 2" ABOVE BOTTOM OF PAD. CONTROL JOINTS @ 5'-0" O.C. MAX. AND EXPANSION JOINTS @ 20'-0" O.C. MAX., OR AS SHOWN ON DRAWINGS. SEE DTL 2 THIS SHT.
6. "WATER HARVESTING AREA", SEE DRAINAGE PLAN SHEET #7.
7. CURB OPENING, SEE SHEET #8 FOR SIZE AND LOCATION.
8. CURB OPENING, SEE SHEET #9 FOR SIZE AND LOCATION.
9. 3000 PSI, 6" THICK CONC., 3/4" AGGREGATE WITH 6"X6"–10/10 GA. WELDED WIRE MESH WITH TURNED DOWN EDGE. SEE DTL 2 THIS SHT.
10. ASPHALTIC CONCRETE BIKE PATH, SEE DETAIL 3/13.
11. BUSBAY, SEE SHEET #11.
12. PROPERTY LINE.
13. EXISTING LIGHT POLE TO REMAIN.
14. LIGHT POLE TO BE RELOCATED BY PNM ELECTRIC. CONTRACTOR TO COORDINATE.
15. END LAYOUT POINT OF ENTRANCE ROAD CURVE #C9. SEE SHEET #9 FOR CONTINUATION OF ENTRANCE ROAD LAYOUT.
16. 1 1/2" ASPHALTIC CONCRETE SURFACE COURSE, 1800# STABILITY W/ EMULSIFIED ASPHALT TACK COAT.
17. 1 1/2" ASPHALTIC CONCRETE BASE COURSE, 1800# STABILITY.
18. 4" CRUSHED GRAVEL BASECOURSE @ 95% COMPACTION.
19. 6" 95% MIN. COMPACTED SUBGRADE.
20. 2" ASPHALTIC CONCRETE SURFACE COURSE, 1800# STABILITY.
21. 6" CONC. SLAB. SEE PLAN FOR VARIATIONS IN COMPRESSIVE STRENGTH & REINFORCING.
22. NO. 4 HORIZ. CONT., TYP.

LEGEND

- NEW CONCRETE WALK AND/OR PAVING
- EXISTING
- NEW
- EASEMENT
- PROPERTY LINE
- CENTER LINE

AS BUILT INFORMATION	
CONTRACTOR	DATE:
WORK STAKED BY	DATE:
INSPECTOR'S APPROVAL	DATE:
FIELD VERIFICATION BY	DATE:
DRAWING CORRECTED BY	DATE:
MICRO-FILM INFORMATION	
RECORDED BY	DATE:
NO.	

BENCH MARK

A.C.S. STATION "2-L10", AN ACS 3 1/4" ALUMINUM CAP SET FLUSH IN THE TOP OF CURB AND STAMPED "2-L10, 1989". THE STATION IS IN THE SOUTHEAST QUADRANT OF THE INTERSECTION OF COORS BLVD. S.W. AND BRIDGE BLVD. S.W. IN THE NORTH-WEST NOSE OF A TRAFFIC ISLAND.

ELEVATION = 5033.250 FEET (M.S.L.D.)

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE

ARCHITECTS STAMP

STATE OF NEW MEXICO
JONATHAN CRAIG
No. 1599
6/4/97
REGISTERED ARCHITECT

NO.	DATE	REVISIONS/REMARKS	BY

DESIGNED BY: DATE:
DRAWN BY: DATE: 6/5/97
CHECKED BY: DATE:

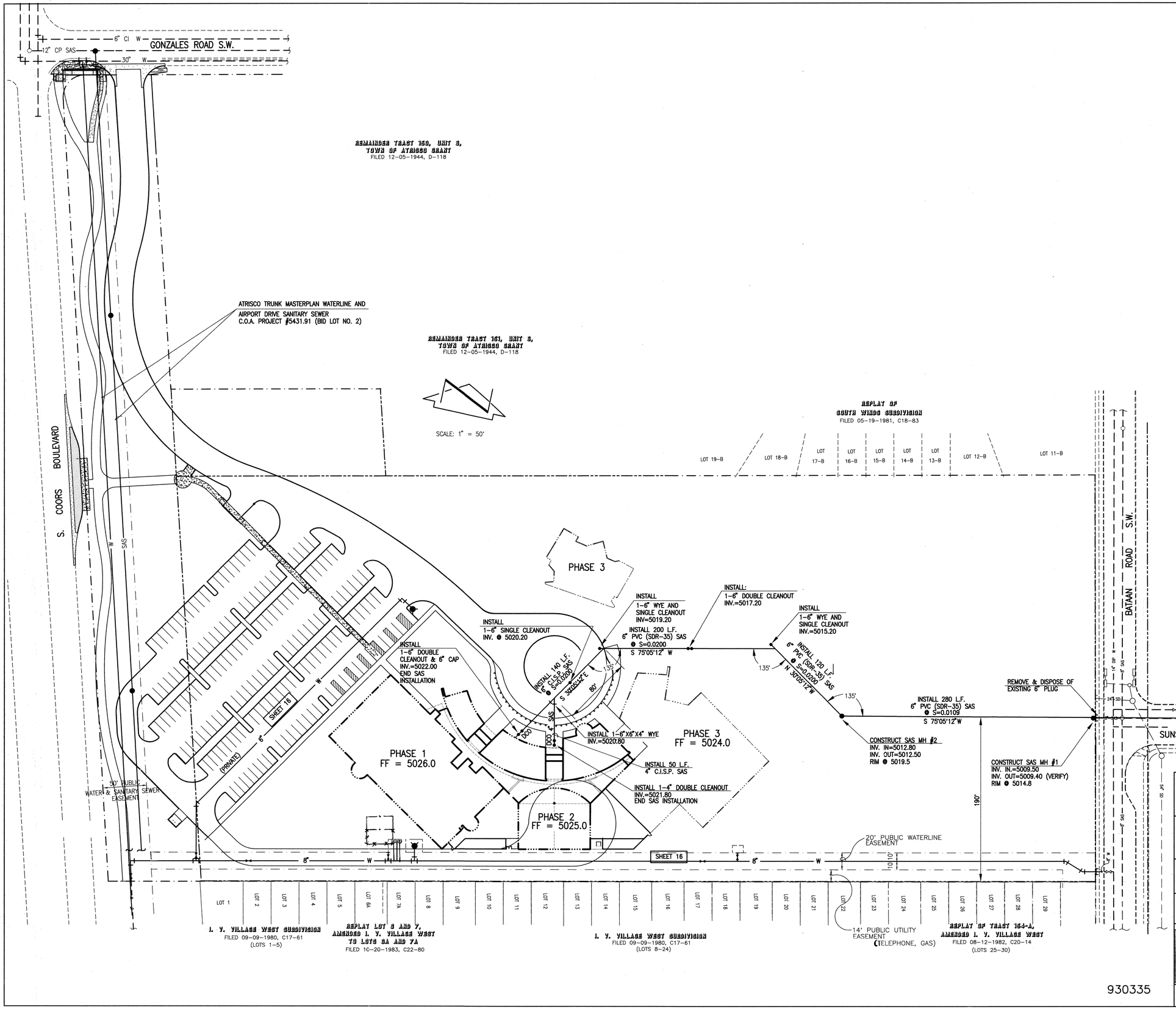
Kells and Craig
Architects, Inc. AIA
P.O. Box 27324
201 Coal Ave. SW
Albuquerque, New Mexico 87125
(505) 243-2724

CITY OF ALBUQUERQUE
DEPARTMENT OF FAMILY & COMMUNITY SERVICES

TITLE: **ALAMOSA CENTER FOR FAMILY AND COMMUNITY SERVICES**
ENLARGED PLAN OF PARKING AREA

Design Review Committee	City Engineer Approval	Last Design Update	MO/DAY/YR	MO/DAY/YR
APPROVED 9-10-1997 DESIGN REVIEW COMMITTEE				

City Project No.	Zone Map No.	Sheet	Of
5177.92	L-11-Z	14	



SANITARY SEWER CONSTRUCTION NOTES:

1. ALL SEWER PIPE SHALL BE PVC (SDR-35).
2. SLOPES SHOWN ON THE PROFILES ARE BASED ON TRUE DISTANCES.
3. ALL MANHOLES SHALL BE FOUR-FOOT DIAMETER TYPE 'E' AS PER CITY OF ALBUQUERQUE STANDARD DRAWING 2102 UNLESS OTHERWISE NOTED. MANHOLE STEPS SHALL BE DELETED FROM THIS CONTRACT.
4. SEWER SERVICE LATERALS SHALL BE PROVIDED WITH ELECTRONIC MARKER DISCS (EMD) AS PER CITY OF ALBUQUERQUE STANDARD DRAWING 2125. EMD SHALL BE PROVIDED IN ACCORDANCE WITH THE STANDARD SPECIFICATION.
5. 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.
6. 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.
7. 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.

AS BUILT INFORMATION

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

MICRO-FILM INFORMATION

RECORDED BY DATE

NO.

BENCH MARKS

A.C.S. STATION "4-L11" A 60-PENNY NAIL IN THE POWER POLE LOCATED EAST OF HOUSE NO 6000 EAST BRIDGE S.W.
ELEVATION = 5011.199 FEET (M.S.L.D.)

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE
930331	J.M.A.	01/94

ENGINEER'S SEAL

JEFFREY G. MORTENSEN, NEW MEXICO 12254, REGISTERED PROFESSIONAL ENGINEER
04-29-97

NO.	DATE	REMARKS	BY
		Revisions	
		DESIGN	

Designed By	J.G.M.	DATE: 04/97
Drawn By	S.G.H.	DATE: 04/97
Checked By	J.G.M.	DATE: 04/97

BID LOT NO. 1

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

CITY OF ALBUQUERQUE
PARKS AND GENERAL SERVICES
DESIGN & DEVELOPMENT DIVISION

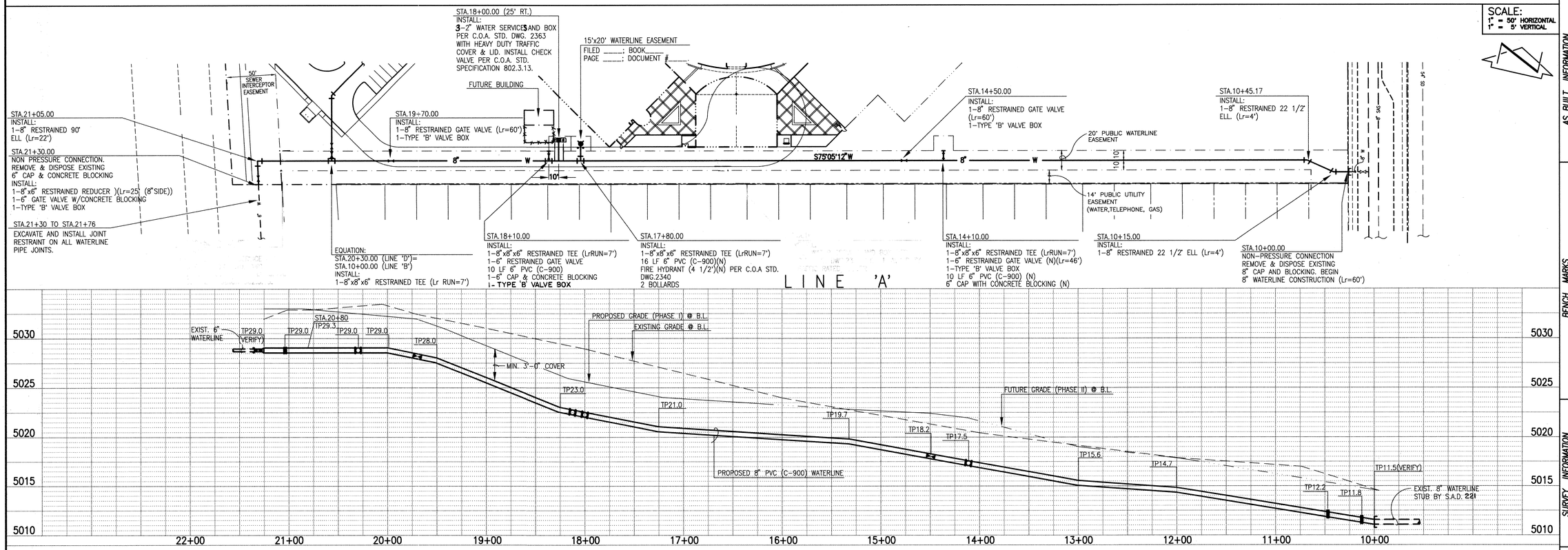
TITLE: WATER AND SANITARY SEWER SITE PLAN
ALAMOSA CENTER FOR FAMILY AND COMMUNITY SERVICES
PHASE I

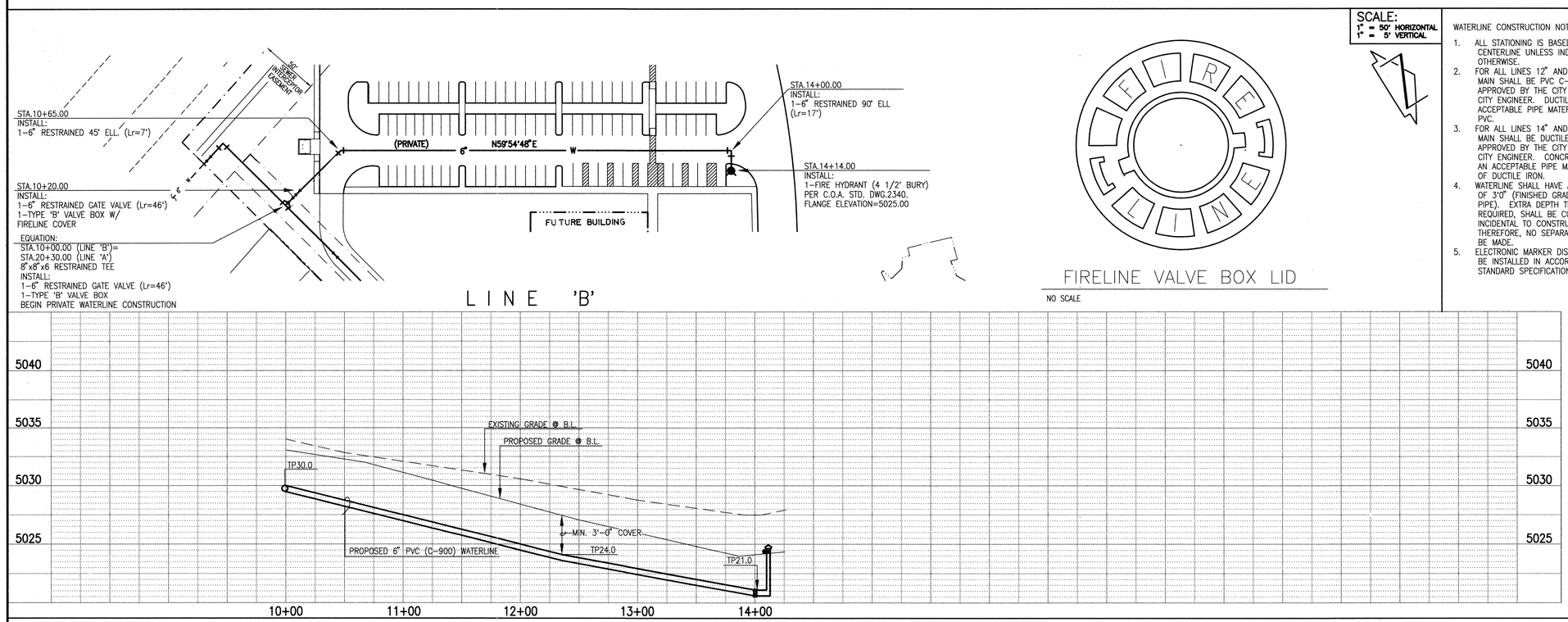
Design Review Committee: APPROVED JUN 10 1997 DESIGN REVIEW COMMITTEE

City Engineer Approval

Last Design Update: Mo./Day/Yr. Mo./Day/Yr.

City Project No. 5177.92 | Zone Map No. L10-L11 | Sheet 15 Of 21





WATERLINE CONSTRUCTION NOTES:

1. ALL STATIONING IS BASED ON WATERLINE 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 CITY ENGINEER. DUCTILE IRON IS AN ACCEPTABLE PIPE MATERIAL IN LIEU OF PVC.
3. FOR ALL LINES 14" AND LARGER, WATER MAIN SHALL BE DUCTILE IRON OR AS APPROVED BY THE CITY OF ALBUQUERQUE CITY ENGINEER. CONCRETE CYLINDER IS AN ACCEPTABLE PIPE MATERIAL IN LIEU OF DUCTILE IRON.
4. WATERLINE SHALL HAVE A MINIMUM COVER OF 3'0" (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. 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.

AS BUILT INFORMATION

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

MICRO-FILM INFORMATION

RECORDED BY | DATE
NO. |

BENCH MARKS

A.C.S. STATION "4-L11" A 60-PENNY NAIL IN THE POWER POLE LOCATED EAST OF HOUSE NO. 6000 EAST BRIDGE S.W.
ELEVATION = 5011.199 FEET (M.S.L.D.)

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL

JEFFREY G. MORTENSEN
NEW MEXICO
8547
REGISTERED PROFESSIONAL ENGINEER
04-23-97

NO.	DATE	REMARKS	BY
		Revisions	
		DESIGN	

Designed By G.R.B. Date 04/97
Drawn By J.M.A. Date 04/97
Checked By J.G.M. Date 04/97

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

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPEMENT GROUP

TITLE: ALAMOSA CENTER PHASE I
WATERLINE EXTENSION PLAN & PROFILE
LINE 'A' STA.10+00.00 TO 21+30.00
LINE 'B' STA.10+00.00 TO 14+14.00

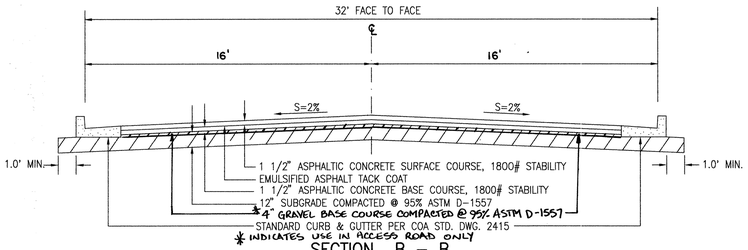
Design Review Committee: APPROVED JUN 10 1997 DESIGN REVIEW COMMITTEE

City Engineer Approval

Last Design Update | Mo./Day/Yr. | Mo./Day/Yr.

930337

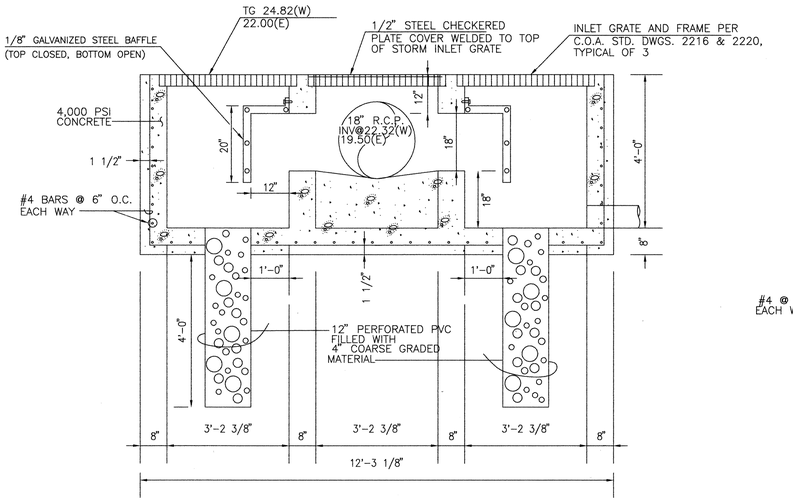
City Project No. 5177.92 | Zone Map No. L-10 | Sheet 16 Of 21



SECTION B – B

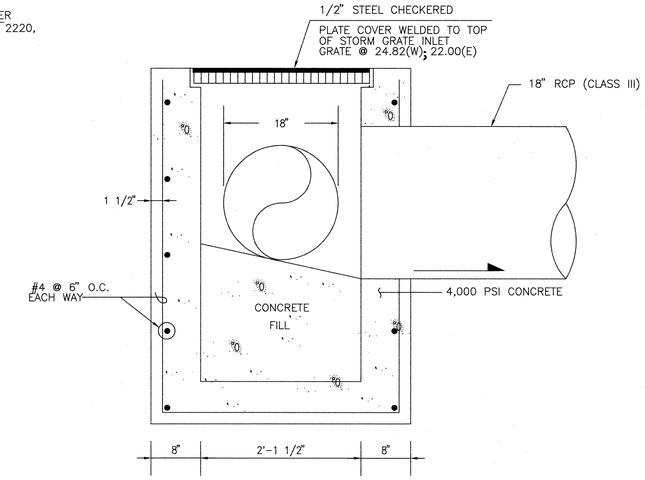
SCALE: 1" = 4'

PRIVATE ACCESS ROAD & IVY PLACE N.W.



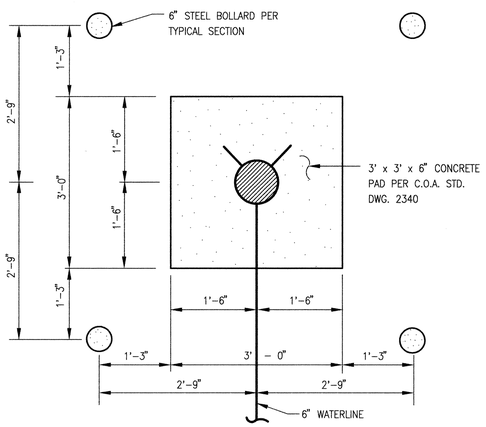
OIL/WATER SEPARATOR SECTION C–C

SCALE: 1" = 2'-0"



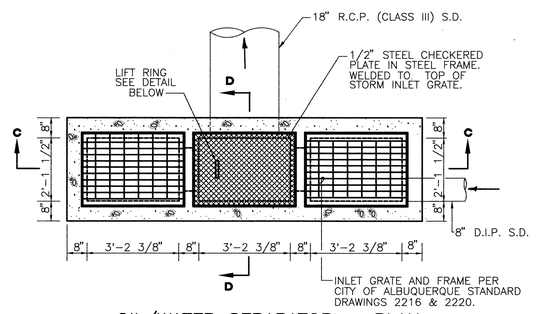
OIL/WATER SEPARATOR SECTION D–D

SCALE: 1" = 1'-0"



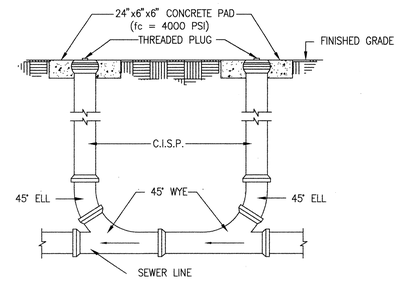
FIRE HYDRANT BOLLARD DETAIL

SCALE: 1" = 2' - 0"



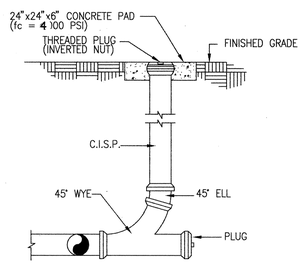
OIL/WATER SEPARATOR – PLAN

SCALE: 1" = 2'



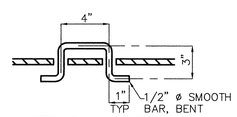
TYPICAL DOUBLE CLEANOUT SECTION

NOT TO SCALE



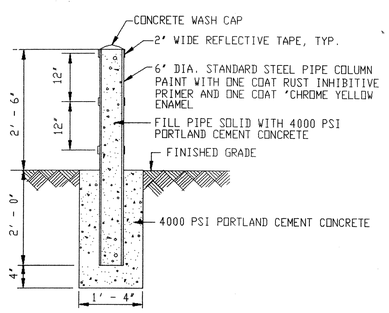
TYPICAL SINGLE CLEANOUT SECTION

NOT TO SCALE



LIFT RING DETAIL

NTS:



TYPICAL BOLLARD SECTION

SCALE: 1' = 1' - 6'

AS BUILT INFORMATION

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

MICRO-FILM INFORMATION

RECORDED BY

DATE

NO.

BENCH MARKS

A.C.S. STATION "4-L11" A 60-PENNY NAIL IN THE POWER POLE LOCATED EAST OF HOUSE NO 6000 EAST BRIDGE S.W.
ELEVATION = 5011.199 FEET (M.S.L.D.)

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE
930331	J.M.A.	01/94

ENGINEER'S SEAL

NEW MEXICO 6547 JEFFREY G. MORTENSEN REGISTERED PROFESSIONAL ENGINEER

04.28.97

NO.	DATE	REMARKS	BY
		Revisions	

DESIGN

Designed By J.G.M. DATE: 04/97
Drawn By S.G.H. DATE: 04/97
Checked By J.G.M. DATE: 04/97

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

CITY OF ALBUQUERQUE
PARKS AND GENERAL SERVICES
DESIGN & DEVELOPMENT DIVISION

TITLE: SECTIONS AND DETAILS
ALAMOSA CENTER FOR FAMILY AND COMMUNITY SERVICES
PHASE I

Design Review Committee: APPROVED JUN 10 1997 DESIGN REVIEW COMMITTEE

City Engineer Approval

Last Design Update — Mo./Day/Yr. — Mo./Day/Yr.

930335

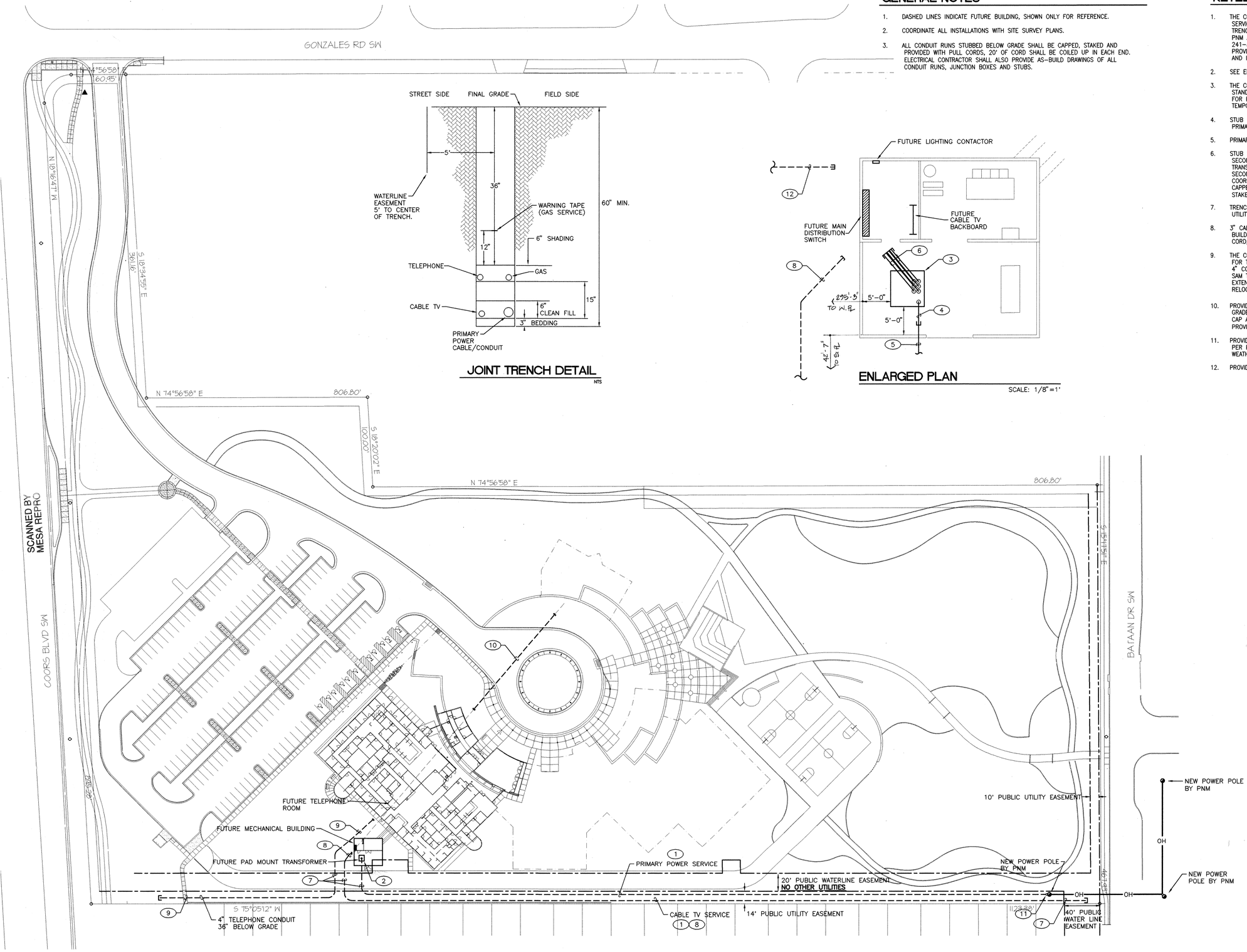
City Project No. 5177.92 | Zone Map No. L10–L11 | Sheet 17 Of 21

GENERAL NOTES

1. DASHED LINES INDICATE FUTURE BUILDING, SHOWN ONLY FOR REFERENCE.
2. COORDINATE ALL INSTALLATIONS WITH SITE SURVEY PLANS.
3. ALL CONDUIT RUNS STUBBED BELOW GRADE SHALL BE CAPPED, STAKED AND PROVIDED WITH PULL CORDS, 20' OF CORD SHALL BE COILED UP IN EACH END. ELECTRICAL CONTRACTOR SHALL ALSO PROVIDE AS-BUILD DRAWINGS OF ALL CONDUIT RUNS, JUNCTION BOXES AND STUBS.

KEYED NOTES

1. THE CONTRACTOR SHALL PROVIDE TRENCH AND BACKFILL FOR PRIMARY POWER SERVICE AND CABLE TV SERVICE. SEE UTILITY POWER AND CABLE TV JOINT TRENCH DETAIL FOR REQUIREMENTS. THE CONTRACTOR SHALL COORDINATE WITH PNM AND JONES INTERCABLE AS REQUIRED. PNM CONTACT: WARREN ARTHER @ 241-3490, JONES INTERCABLE CONTACT: MIKE MORTUS @ 761-6252. PNM SHALL PROVIDE AND INSTALL PRIMARY CABLE AND JONES INTERCABLE SHALL PROVIDE AND INSTALL TV CABLE.
2. SEE ENLARGED PLAN ON THIS SHEET.
3. THE CONTRACTOR SHALL PROVIDE AND INSTALL TRANSFORMER PAD PER PNM STANDARD DRAWING #DS-7-16.5. PROVIDE AND INSTALL TEMPORARY ENCLOSURE FOR PROTECTION OF PRIMARY CABLE. COORDINATE INSTALLATION WITH PNM. TEMPORARY ENCLOSURE TO BE PER PNM REQUIREMENTS.
4. STUB 4" CONDUIT 36" BELOW GRADE OUT 5'-0" FROM TRANSFORMER PAD FOR PRIMARY CABLE INSTALLATION BY PNM. INSTALL PER PNM REQUIREMENTS.
5. PRIMARY CABLE BY PNM.
6. STUB SIX (6) 4" CONDUITS OUT 5'-0" FROM TRANSFORMER PAD FOR FUTURE SECONDARY CABLES. SECONDARY CONDUITS SHALL BE EXTENDED FROM THE TRANSFORMER PAD TOWARDS THE FUTURE BUILDING DISTRIBUTION SWITCH. SECONDARY CONDUIT STUB UP LOCATIONS IN THE TRANSFORMER PAD SHALL BE COORDINATED WITH PNM REQUIREMENTS. SECONDARY CONDUITS SHALL BE CAPPED 5'-0" FROM THE PAD TOWARD FUTURE SWITCHBOARD, BACKFILLED AND STAKED FOR EASY RELOCATION. 90S AND RISERS SHALL BE STEEL RIGID CONDUIT.
7. TRENCHING IN THIS AREA SHALL BE COORDINATED WITH WATER EASEMENT UTILITY REQUIREMENTS.
8. 3" CABLE TV CONDIUT SHALL BE STUBBED AND CAPPED 5' FROM FUTURE BUILDING FOR FUTURE EXTENSION TO CATV BACKBOARD. PROVIDE PULL CORD, CAP AND STAKE FOR EASY RELOCATION.
9. THE CONTRACTOR SHALL PROVIDE 24" WIDE X 36" DEEP TRENCH AND BACKFILL FOR TELEPHONE SERVICE. THE CONTRACTOR SHALL PROVIDE AND INSTALL ONE 4" CONDUIT WITH PULL CORD PER US WEST REQUIREMENTS. US WEST CONTACT: SAM TOULEY @ 245-6296. CAP CONDUIT 5' FROM FUTURE BUILDING FOR EXTENSION TO TELEPHONE BACKBOARD ROOM, BACKFILL AND STAKE FOR EASY RELOCATION.
10. PROVIDE AND INSTALL 3-4" STEEL RIGID CONDUITS WITH PULL CORD 48" BELOW GRADE. EXTEND 5' BEYOND FUTURE SIDEWALKS TO LOCATIONS SHOWN. CAP AND STAKE BOTH ENDS OF THE CONDUIT RUN FOR FUTURE USE. PROVIDE PULL CORD WITH 20' OF CORD ROLLED UP IN EACH END OF CONDUIT.
11. PROVIDE AND INSTALL 4" STEEL RIGID CONDUIT RISER AND 90 UP UTILITY POLE PER PMN REQUIREMENTS. PROVIDE AND INSTALL STAND-OFF BRACKETS AND WEATHERHEAD AS REQUIRED.
12. PROVIDE AND INSTALL 2" CONDUIT FOR PARKING LOT LIGHTS. SEE SHEET 20.



ELECTRICAL INFRASTRUCTURE SITE POWER CONDUIT PLAN

SCALE: 1" = 50'-0"

JOINT TRENCH DETAIL

NTS

ENLARGED PLAN

SCALE: 1/8"=1'

AS BUILT INFORMATION
CONTRACTOR DATE:
WORK STAKED BY DATE:
INSPECTOR'S APPROVAL DATE:
FIELD VERIFICATION BY DATE:
DRAWING CORRECTED BY DATE:
MICRO-FILM INFORMATION
RECORDED BY DATE:
NO.

BENCH MARK

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE

ENGINEER'S STAMP

NO.	DATE	REVISIONS/REMARKS	BY

DESIGNED BY: DAB DATE: 5/16/97
DRAWN BY: DAB DATE: 5/16/97
CHECKED BY: FJT DATE: 5/16/97

CONSULTING ELECTRICAL ENGINEERS
4800 JUAN TABO NE, STE. A
ALBUQUERQUE, NM 87111
505 • 292 • 3202
Telcom ENGINEERING INC

Kells and Craig
Architects, Inc. AIA
P.O. Box 27324
201 Coal Ave. SW
Albuquerque, New Mexico 87125
(505) 243-2724

CITY OF ALBUQUERQUE
DEPARTMENT OF FAMILY & COMMUNITY SERVICES

TITLE: ALAMOSA CENTER FOR FAMILY AND COMMUNITY SERVICES
ELECTRICAL INFRASTRUCTURE SITE PLAN

Design Review Committee: APPROVED JUN 10 1997 DESIGN REVIEW COMMITTEE
City Engineer Approval
Last Design Update MO./DAY/YR. MO./DAY/YR.

City Project No.	Zone Map No.	Sheet	Of
5177.92	L-11-Z	19	

GENERAL NOTES

1. DASHED LINES INDICATE FUTURE BUILDING, SHOWN ONLY FOR REFERENCE.
2. COORDINATE ALL INSTALLATIONS WITH SITE SURVEY PLANS.
3. ALL CONDUIT RUNS STUBBED BELOW GRADE SHALL BE CAPPED, STAKED AND PROVIDED WITH PULL CORDS, 20' OF CORD SHALL BE COILED UP IN EACH END. ELECTRICAL CONTRACTOR SHALL ALSO PROVIDE AS-BUILD DRAWINGS OF ALL CONDUIT RUNS, JUNCTION BOXES AND STUBS.

KEYED NOTES

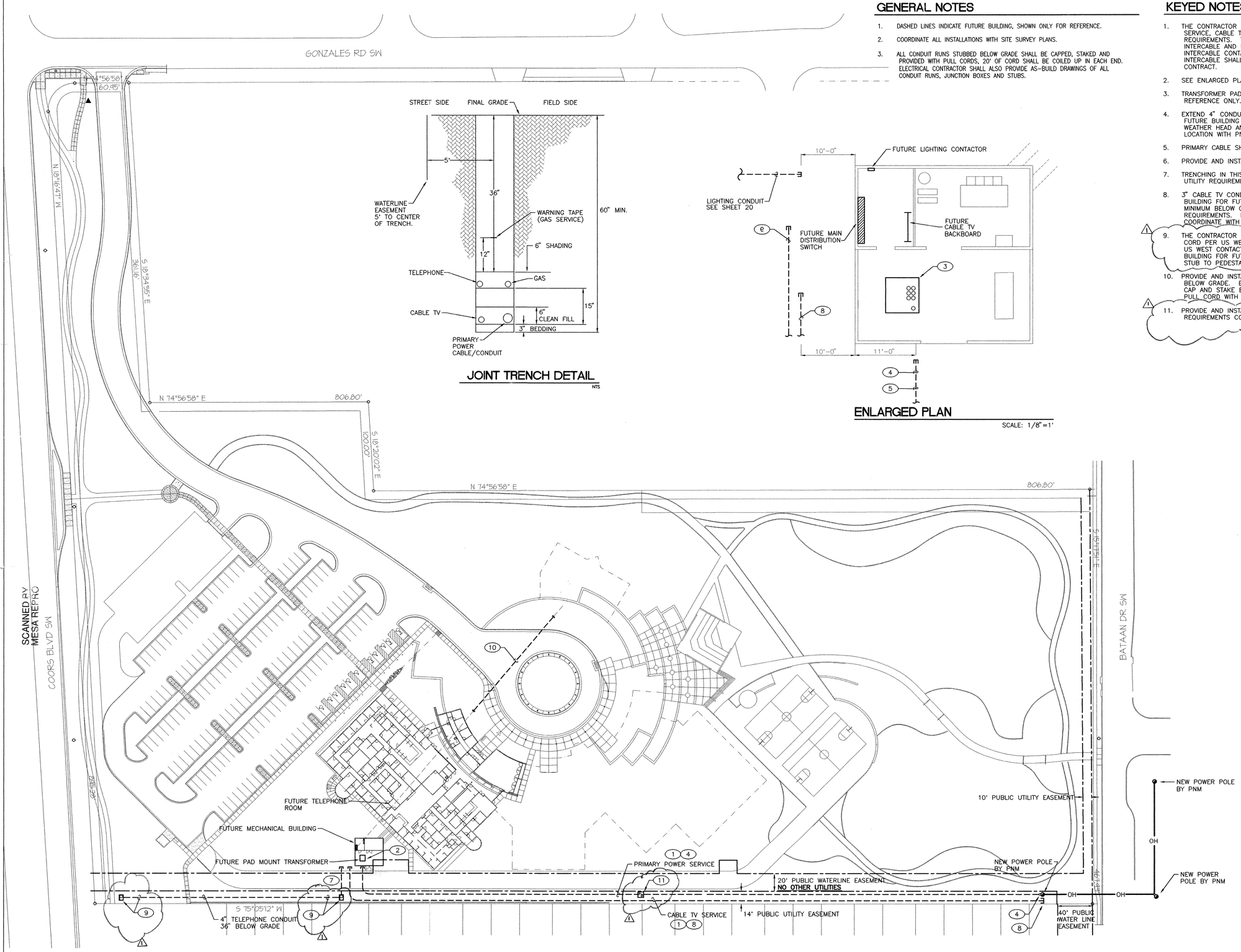
1. THE CONTRACTOR SHALL PROVIDE TRENCH AND BACKFILL FOR PRIMARY POWER SERVICE, CABLE TV AND TELEPHONE SERVICE. SEE JOINT TRENCH DETAIL FOR REQUIREMENTS. THE CONTRACTOR SHALL COORDINATE WITH PNM, JONES INTERCABLE AND US WEST. PNM CONTACT: WARREN ARTHUR @ 241-3490, JONES INTERCABLE CONTACT: MIKE MORTUS @ 761-6252. PNM, US WEST AND JONES INTERCABLE SHALL PROVIDE AND INSTALL CABLING UNDER A DIFFERENT CONTRACT.
2. SEE ENLARGED PLAN ON THIS SHEET.
3. TRANSFORMER PAD, TO BE INSTALL UNDER A DIFFERENT CONTRACT, SHOWN FOR REFERENCE ONLY.
4. EXTEND 4" CONDUIT 48" BELOW GRADE WITH PULL CORD FROM WITHIN 10' OF FUTURE BUILDING TO NEW POWER POLE. INSTALL STEEL RIGID RISER, STAND-OFFS, WEATHER HEAD AND 90 PER PNM REQUIREMENTS. COORDINATE EXACT POLE LOCATION WITH PNM.
5. PRIMARY CABLE SHALL BE INSTALLED BY PNM IN THE FUTURE.
6. PROVIDE AND INSTALL 2" CONDUIT FOR PARKING LOT LIGHTS. SEE SHEET 20.
7. TRENCHING IN THIS AREA SHALL BE COORDINATED WITH WATER EASEMENT UTILITY REQUIREMENTS.
8. 3" CABLE TV CONDUIT SHALL BE STUBBED AND CAPPED 10' FROM FUTURE BUILDING FOR FUTURE EXTENSION TO CATV BACKBOARD, EXTEND CONDUIT 36" MINIMUM BELOW GRADE FROM STUB TO POWER POLE, PER JONES INTERCABLE REQUIREMENTS. PROVIDE PULL CORD CAP AND STAKE FOR EASY RELOCATION. COORDINATE WITH JONES INTERCABLE.
9. THE CONTRACTOR SHALL PROVIDE AND INSTALL ONE 4" CONDUIT WITH PULL CORD PER US WEST REQUIREMENTS, COORDINATE INSTALLATION OF PEDESTALS. US WEST CONTACT: SAM TOULEY @ 245-6296. STUB CONDUIT 10' FROM FUTURE BUILDING FOR FUTURE EXTENSION TO TELEPHONE BACKBOARD, EXTEND FROM STUB TO PEDESTAL, CAP CONDUIT BACKFILL AND STAKE FOR EASY RELOCATION.
10. PROVIDE AND INSTALL 2-4" AND 1-2" STEEL RIGID CONDUITS WITH PULL CORDS 36" BELOW GRADE. EXTEND 5' BEYOND FUTURE SIDEWALKS TO LOCATIONS SHOWN. CAP AND STAKE BOTH ENDS OF THE CONDUIT RUN FOR FUTURE USE. PROVIDE PULL CORD WITH 20' OF CORD ROLLED UP IN EACH END OF CONDUIT.
11. PROVIDE AND INSTALL 55"X55"X4' PRIMARY DISTRIBUTION PULL BOX PER PNM REQUIREMENTS COORDINATE WITH PNM AND PNM DETAIL #DS-10-13.0.

JOINT TRENCH DETAIL

NTS

ENLARGED PLAN

SCALE: 1/8"=1'



ELECTRICAL INFRASTRUCTURE SITE POWER CONDUIT PLAN

SCALE: 1" = 50'-0"

BUILDING NORTH

TRUE NORTH

SCANNED BY MESA REPRO

AS BUILT INFORMATION
CONTRACTOR DATE:
WORK STAKED BY DATE:
INSPECTOR'S APPROVAL DATE:
FIELD VERIFICATION BY DATE:
DRAWING CORRECTED BY DATE:
MICRO-FILM INFORMATION
RECORDED BY DATE:
NO.

BENCH MARK

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE

ENGINEERS STAMP

REGISTERED PROFESSIONAL ENGINEER 6297

9-23-97

NO.	DATE	REVISIONS/REMARKS	BY
1	9/23	TELEPHONE + POWER PULL BOXES	TEI

DESIGNED BY: DAB DATE: 5/16/97
DRAWN BY: DAB DATE: 5/16/97
CHECKED BY: FJT DATE: 5/16/97

CONSULTING ELECTRICAL ENGINEERS
4800 JUAN TABO NE, STE. A
ALBUQUERQUE, NM 87111
505 • 292 • 3202
Telcon ENGINEERING INC

Kells and Craig
Architects, Inc. AIA
P.O. Box 27324
201 Coal Ave. SW
Albuquerque, New Mexico 87125
(505) 243-2724

CITY OF ALBUQUERQUE
DEPARTMENT OF FAMILY & COMMUNITY SERVICES

TITLE: ALAMOSA CENTER FOR FAMILY AND COMMUNITY SERVICES
ELECTRICAL INFRASTRUCTURE SITE PLAN

Design Review Committee	City Engineer Approval	Last Design Update	MO/DAY/YR.	MO/DAY/YR.

City Project No.	Zone Map No.	Sheet	Of
5177.92	L-11-Z	19 A	

GENERAL NOTES

1. DASHED LINES INDICATE FUTURE BUILDING, SHOWN ONLY FOR REFERENCE.
2. COORDINATE ALL INSTALLATIONS WITH SITE SURVEY PLANS.
3. ALL CONDUIT RUNS STUBBED BELOW GRADE SHALL BE CAPPED, STAKED AND PROVIDED WITH PULL CORDS, 20' OF CORD SHALL BE COILED UP IN EACH END. ELECTRICAL CONTRACTOR SHALL ALSO PROVIDE AS-BUILD DRAWINGS OF ALL CONDUIT RUNS, JUNCTION BOXES AND STUBS.

KEYED NOTES

1. THE CONTRACTOR SHALL PROVIDE TRENCH AND BACKFILL FOR PRIMARY POWER SERVICE, CABLE TV AND TELEPHONE SERVICE. SEE JOINT TRENCH DETAIL FOR REQUIREMENTS. THE CONTRACTOR SHALL COORDINATE WITH PNM, JONES INTERCABLE AND US WEST. PNM CONTACT: WARREN ARTHUR @ 241-3490, JONES INTERCABLE CONTACT: MIKE MORTUS @ 761-6252. PNM, US WEST AND JONES INTERCABLE SHALL PROVIDE AND INSTALL CABLING UNDER A DIFFERENT CONTRACT.
2. SEE ENLARGED PLAN ON THIS SHEET.
3. TRANSFORMER PAD, TO BE INSTALL UNDER A DIFFERENT CONTRACT, SHOWN FOR REFERENCE ONLY.
4. EXTEND 4" CONDUIT 36" BELOW GRADE WITH PULL CORD FROM WITHIN 10' OF FUTURE BUILDING TO NEW POWER POLE. INSTALL STEEL RIGID RISER, STAND-OFFS, WEATHER HEAD AND 90 PER PNM REQUIREMENTS. COORDINATE EXACT POLE LOCATION WITH PNM.
5. PRIMARY CABLE SHALL BE INSTALLED BY PNM IN THE FUTURE.
6. PROVIDE AND INSTALL 2" CONDUIT FOR PARKING LOT LIGHTS. SEE SHEET 20.
7. TRENCHING IN THIS AREA SHALL BE COORDINATED WITH WATER EASEMENT UTILITY REQUIREMENTS.
8. 3" CABLE TV CONDUIT SHALL BE STUBBED AND CAPPED 10' FROM FUTURE BUILDING FOR FUTURE EXTENSION TO CATV BACKBOARD, EXTEND CONDUIT 36" MINIMUM BELOW GRADE FROM STUB TO POWER POLE, PER JONES INTERCABLE REQUIREMENTS. PROVIDE PULL CORD CAP AND STAKE FOR EASY RELOCATION. COORDINATE WITH JONES INTERCABLE.
9. THE CONTRACTOR SHALL PROVIDE AND INSTALL ONE 4" CONDUIT WITH PULL CORD PER US WEST REQUIREMENTS, COORDINATE INSTALLATION OF PEDESTAL. US WEST CONTACT: SAM TOULEY @ 245-6296. STUB CONDUIT 10' FROM FUTURE BUILDING FOR FUTURE EXTENSION TO TELEPHONE BACKBOARD, EXTEND FROM STUB TO PEDESTAL, CAP CONDUIT BACKFILL AND STAKE FOR EASY RELOCATION.
10. PROVIDE AND INSTALL 2-4" AND 1-2" STEEL RIGID CONDUITS WITH PULL CORDS 36" BELOW GRADE. EXTEND 5' BEYOND FUTURE SIDEWALKS TO LOCATIONS SHOWN. CAP AND STAKE BOTH ENDS OF THE CONDUIT RUN FOR FUTURE USE. PROVIDE PULL CORD WITH 20' OF CORD ROLLED UP IN EACH END OF CONDUIT.

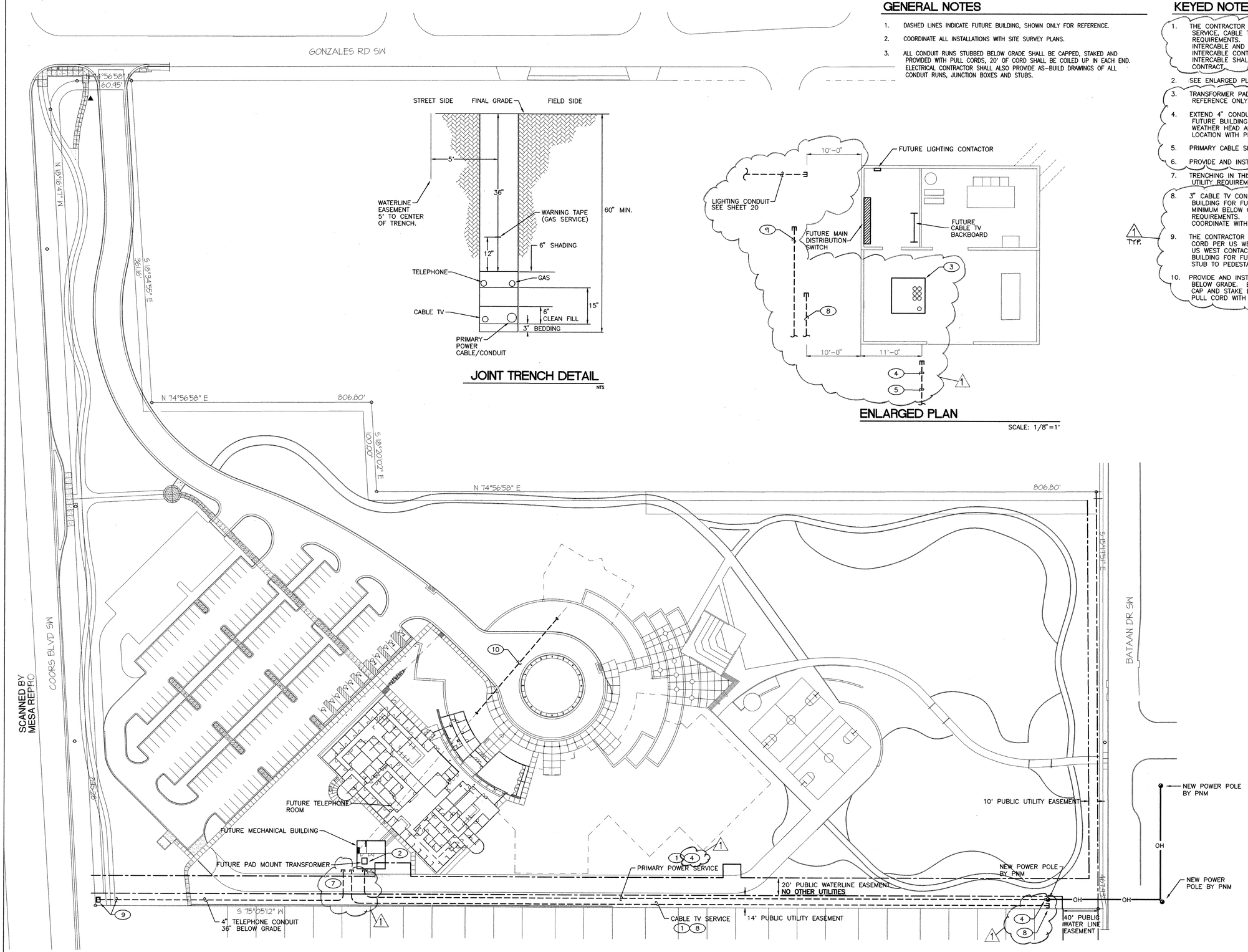
1 TYP.

JOINT TRENCH DETAIL

NTS

ENLARGED PLAN

SCALE: 1/8"=1'



ELECTRICAL INFRASTRUCTURE SITE POWER CONDUIT PLAN

SCALE: 1" = 50'-0"

BUILDING NORTH

TRUE NORTH

SCANNED BY MESA REPRO

AS BUILT INFORMATION

	DATE:
CONTRACTOR	
WORK STAKED BY	DATE:
INSPECTOR'S APPROVAL	DATE:
FIELD VERIFICATION BY	DATE:
DRAWING CORRECTED BY	DATE:

MICRO-FILM INFORMATION

	DATE:
RECORDED BY	
NO.	

BENCH MARK

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE

ENGINEERS STAMP

FREDRICK J. FEIL, 6297, REGISTERED PROFESSIONAL ENGINEER

6-27-97

NO.	DATE	REVISIONS/REMARKS	BY
1	6/30/97	ADDENDUM #1	

DESIGNED BY: DAB DATE: 5/16/97
DRAWN BY: DAB DATE: 5/16/97
CHECKED BY: FJT DATE: 5/16/97

CONSULTING ELECTRICAL ENGINEERS
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ALBUQUERQUE, NM 87111
505 • 292 • 3202

Tolcon ENGINEERING INC

Kells and Craig
Architects, Inc. AIA
P.O. Box 27324
201 Coal Ave. SW
Albuquerque, New Mexico 87125
(505) 243-2724

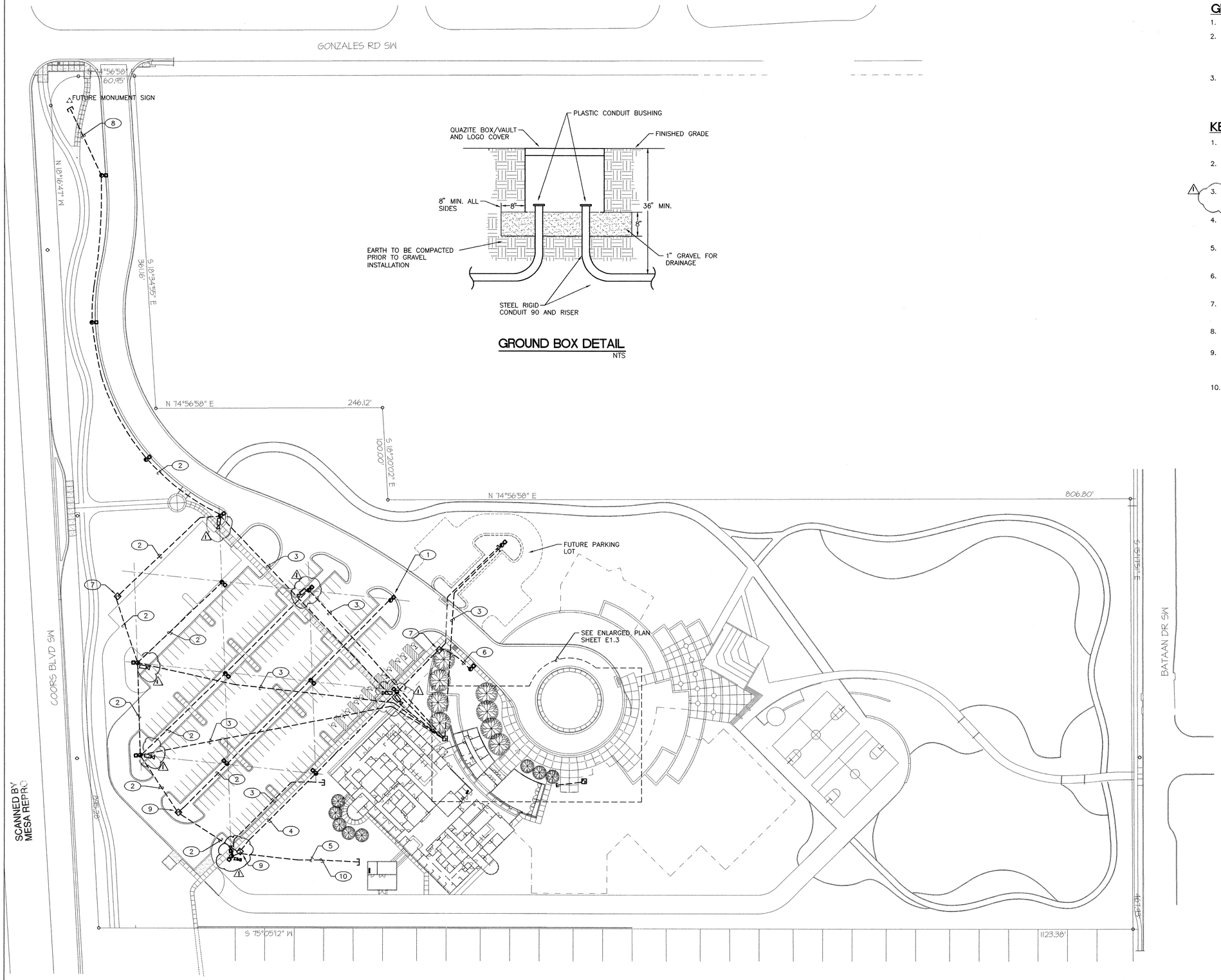
CITY OF ALBUQUERQUE
DEPARTMENT OF FAMILY & COMMUNITY SERVICES

TITLE: ALAMOSA CENTER FOR FAMILY AND COMMUNITY SERVICES
ELECTRICAL INFRASTRUCTURE SITE PLAN

Design Review Committee	City Engineer Approval	Last Design Update	MO/DAY/YR.	MO/DAY/YR.

City Project No.	Zone Map No.	Sheet	Of
5177.92	L-11-Z	19	6

ADDENDUM #1, ATTACHMENT #3



GROUND BOX DETAIL

NTS

GENERAL NOTES

1. COORDINATE ALL INSTALLATIONS WITH SITE SURVEY PLANS.
2. ALL CONDUIT RUNS STUBBED BELOW GRADE SHALL BE CAPPED AND STAKED. ELECTRICAL CONTRACTOR WILL ALSO PROVIDE AS-BUILT DRAWINGS OF ALL CONDUIT RUNS, JUNCTION BOXES AND STUBS. ELECTRICAL CONTRACTOR SHALL PROVIDE ALL TRENCHING AND BACKFILL FOR LIGHTING CONDUIT RUNS.
3. ALL LIGHTING SHOWN ARE FOR REFERENCE ONLY AND SHALL BE INSTALLED UNDER A DIFFERENT CONTRACT. INSTALL ONLY CONDUIT, PULL CORDS AND PULL/JUNCTION WITH LOGO/LABELED COVERS. ALL QUAZITE BOXES ARE TO BE INSTALLED PER GROUND BOX/VAULT DETAIL THIS SHEET.

KEYED NOTES

1. FUTURE LIGHTING POLE AND CONCRETE BASE TO BE INSTALLED AT A FUTURE TIME. TYPICAL OF ALL LIGHTING FIXTURES SHOWN.
2. EXTEND 1 1/4" CONDUIT FROM BOXES AND LIGHTING FIXTURES AS SHOWN A MINIMUM OF 36" BELOW GRADE. PROVIDE PULL CORD, CAP AND STAKE AS REQUIRED FOR FUTURE USE.
3. EXTEND 1 1/4" CONDUIT FROM BOXES AND LIGHTING FIXTURES AS SHOWN A MINIMUM OF 36" BELOW GRADE, FOR SECURITY CAMERAS. PROVIDE PULL CORD, CAP AND STAKE AS REQUIRED FOR FUTURE USE.
4. EXTEND 1 1/2" CONDUIT FROM BOXES AND LIGHTING FIXTURES AS SHOWN A MINIMUM OF 36" BELOW GRADE, PROVIDE PULL CORD, CAP AND STAKE AS REQUIRED FOR FUTURE USE.
5. EXTEND 1 1/2" CONDUIT FROM GROUND BOX TO WITHIN 10' OF FUTURE BUILDING AS SHOWN A MINIMUM OF 36" BELOW GRADE, PROVIDE PULL CORD, CAP AND STAKE AS REQUIRED FOR FUTURE USE.
6. EXTEND 1" CONDUIT FROM GROUND BOX TO FUTURE POLE BASE AS SHOWN A MINIMUM OF 36" BELOW GRADE, PROVIDE PULL CORD, CAP AND STAKE AS REQUIRED FOR FUTURE USE.
7. QUAZITE PULL BOX #PC118BG12 WITH COVER #PC118CG29 COVER LOGO ON COVER SHALL READ "LIGHTING". COORDINATE WITH GENERAL ON BOX ELEVATION AND EXACT LOCATION. SEE DETAIL THIS SHEET.
8. FUTURE MONUMENT SIGN, STUB 1 1/4" CONDUIT TO THIS LOCATION, PROVIDE PULL CORD, CAP AND STAKE AS REQUIRED FOR FUTURE USE.
9. QUAZITE PULL BOX #PC1730BA12 WITH COVER #PC1730HA29 COVER LOGO ON COVER SHALL READ "LIGHTING". PROVIDE AND INSTALL PULL BOXES AT ALL LOCATIONS SHOWN. COORDINATE WIT ARCHITECT ON BOX ELEVATIONS AND EXACT LOCATIONS. SEE DETAIL THIS SHEET.
10. AVIOD 20' PUBLIC WATERLINE EASEMENT, COORDINATE WITH SITE SURVEY PLANS AND INSTALL CONDUIT PER EASEMENT REQUIREMENTS.

ELECTRICAL INFRASTRUCTURE SITE LIGHTING PLAN

SCALE: 1" = 50'-0"

BUILDING NORTH

TRUE NORTH

CONSULTING ELECTRICAL ENGINEERS
4800 JUAN TABO NE, STE. A
ALBUQUERQUE, NM 87111
505 • 292 • 3202
Telcon ENGINEERING INC

PHASE ONE

NO.	DATE	REVISIONS/REMARKS	BY
1	7/23	SECURITY CAMERAS	TEI

DESIGNED BY: DAB DATE: 5/16/97
DRAWN BY: DAB DATE: 5/16/97
CHECKED BY: FJT DATE: 5/16/97

ENGINEER'S STAMP

9-23-97

SURVEY INFORMATION FIELD NOTES		
NO.	BY	DATE

BENCH MARK	

AS BUILT INFORMATION	
CONTRACTOR	DATE:
WORK STAKED BY	DATE:
INSPECTOR'S APPROVAL	DATE:
FIELD VERIFICATION BY	DATE:
DRAWING CORRECTED BY	DATE:
MICRO-FILM INFORMATION	
RECORDED BY	DATE:
NO.	

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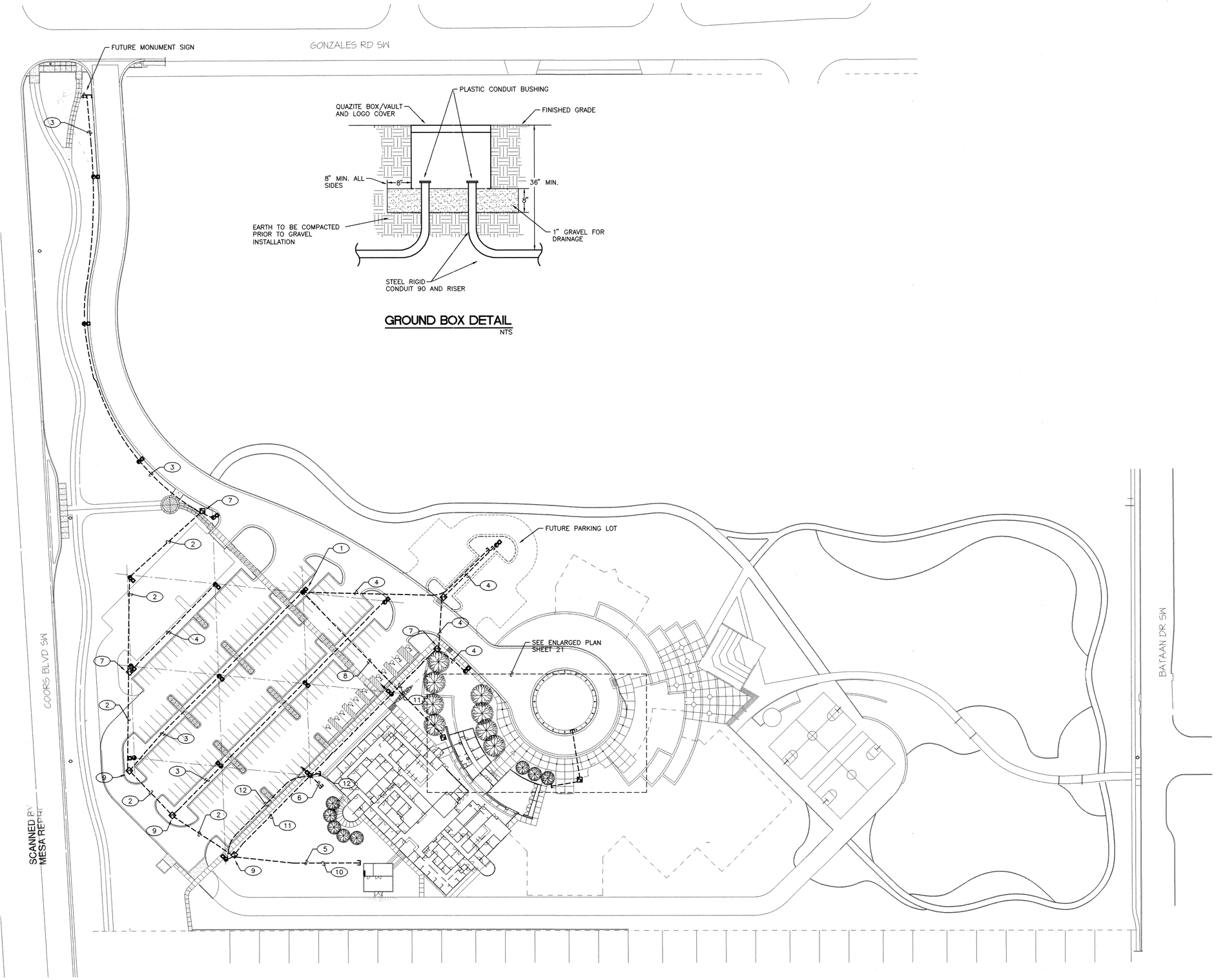
P.O. Box 27324
201 Coal Ave. SW
Albuquerque, New Mexico 87125
(505) 243-2724

CITY OF ALBUQUERQUE
DEPARTMENT OF FAMILY & COMMUNITY SERVICES

TITLE: ALAMOSA CENTER FOR FAMILY AND COMMUNITY SERVICES
ELECTRICAL INFRASTRUCTURE SITE LIGHTING PLAN

Design Review Committee	City Engineer Approval	Last Design Update	MO./DAY/YR.	MO./DAY/YR.

City Project No.	Zone Map No.	Sheet	Of
5177.91(2)	L-11Z	20	



GROUND BOX DETAIL

NTS

ELECTRICAL INFRASTRUCTURE SITE LIGHTING CONDUIT PLAN

SCALE: 1" = 50'-0"

BUILDING NORTH

TRUE NORTH

GENERAL NOTES

1. COORDINATE ALL INSTALLATIONS WITH SITE SURVEY PLANS.
2. ALL CONDUIT RUNS STUBBED BELOW GRADE SHALL BE CAPPED AND STAKED, ELECTRICAL CONTRACTOR WILL ALSO PROVIDE AS-BUILD DRAWINGS OF ALL CONDUIT RUNS, JUNCTION BOXES AND STUBS. ELECTRICAL CONTRACTOR SHALL PROVIDE ALL TRENCHING AND BACKFILL FOR LIGHTING CONDUIT RUNS.
3. ALL LIGHTING FIXTURES SHOWN ARE FOR REFERENCE ONLY AND SHALL BE INSTALLED UNDER A DIFFERENT CONTRACT. INSTALL ONLY CONDUIT, PULL CORDS AND PULL/JUNCTION BOXES WITH LOGO COVERS. ALL QUAZITE BOXES ARE TO TO BE INSTALLED PER GROUND BOX/VAULT DETAIL THIS SHEET.

KEYED NOTES

1. FUTURE LIGHTING POLE AND CONCRETE BASE. TO BE INSTALL AT A FUTURE TIME. TYPICAL OF ALL LIGHTING SHOWN ON THIS SHEET.
2. PROVIDE AND INSTALL 2" CONDUIT WITH PULL CORD 36" BELOW GRADE. RUN CONDUIT CONTINUOUSLY FROM ONE PULL BOX TO THE NEXT.
3. PROVIDE AND INSTALL 1 1/4" CONDUIT WITH PULL CORD 36" BELOW GRADE. RUN CONDUIT CONTINUOUSLY FROM ONE PULL BOX TO THE NEXT, OR CONTINUOUSLY FROM ONE PULL BOX TO END OF RUN, CAP STUB AND STAKE END FOR FUTURE RELOCATION.
4. PROVIDE AND INSTALL 1" CONDUIT WITH PULL CORD 36" BELOW GRADE. RUN CONDUIT CONTINUOUSLY FROM PULL/JUNCTION BOX TO THE END OF RUN CAP AND STAKE CONDUIT AS SHOWN.
5. 2 1/2" CONDUIT 36" BELOW GRADE, STUB OUT AND CAP 5'-0" FROM FUTURE BUILDING, BACKFILL AND STACK FOR EASY RELOCATION.
6. 3/4" CONDUIT WITH PULL CORD 36" BELOW GRADE. STUB OUT 5' FROM BASE OF FUTURE LIGHT POLE CAP AND STAKE FOR EASY RELOCATION.
7. QUAZITE PULL BOX #PC1118BG12 WITH COVER #PC1118CG29 COVER LOGO ON COVER SHALL READ "LIGHTING". COORDINATE WITH ARCHITECT ON BOX ELEVATION AND EXACT LOCATION. SEE DETAIL THIS SHEET.
8. PROVIDE AND INSTALL 2" CONDUIT WITH PULL CORD 36" BELOW GRADE. RUN CONDUIT CONTINUOUSLY FROM FUTURE POLE BASE TO PULL BOX, SEE SHEET 21 FOR BOX LOCATION.
9. QUAZITE PULL BOX #PC1730BA12 WITH COVER #PC1730HA29 COVER LOGO ON COVER SHALL READ "LIGHTING". PROVIDE AND INSTALL PULL BOXES AT ALL LOCATIONS SHOWN. COORDINATE WITH ARCHITECT ON BOX ELEVATIONS AND EXACT LOCATIONS. SEE DETAIL THIS SHEET.
10. AVOID 20' PUBLIC WATERLINE EASEMENT, SEE SHEET 19 FOR EASEMENT LOCATIONS. COORDINATE WITH SITE SURVEY PLANS AND INSTALL PER EASEMENT REQUIREMENTS.
11. PROVIDE AND INSTALL 1 1/2" CONDUIT WITH PULL CORD 36" BELOW GRADE. RUN CONDUIT CONTINUOUSLY FROM ONE PULL BOX TO THE NEXT. CAP AND STAKE FOR EASY RELOCATION.
12. PROVIDE AND INSTALL 2" CONDUIT WITH PULL CORD 36" BELOW GRADE. STUB OUT 5' FROM POLE BASE TOWARDS FUTURE BUILDING. CAP AND STAKE FOR EASY RELOCATION. FOR SECURITY CAMERAS.

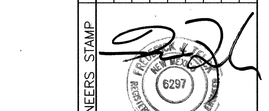
AS BUILT INFORMATION
CONTRACTOR DATE:
WORK STAKED BY DATE:
INSPECTOR'S APPROVAL DATE:
FIELD VERIFICATION BY DATE:
DRAWING CORRECTED BY DATE:
MICRO-FILM INFORMATION
RECORDED BY DATE:
NO.

BENCH MARK

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE

ENGINEERS STAMP



NO.	DATE	REVISIONS/REMARKS	BY

DESIGNED BY: DAB DATE: 5/16/97
DRAWN BY: DAB DATE: 5/16/97
CHECKED BY: FJT DATE: 5/16/97

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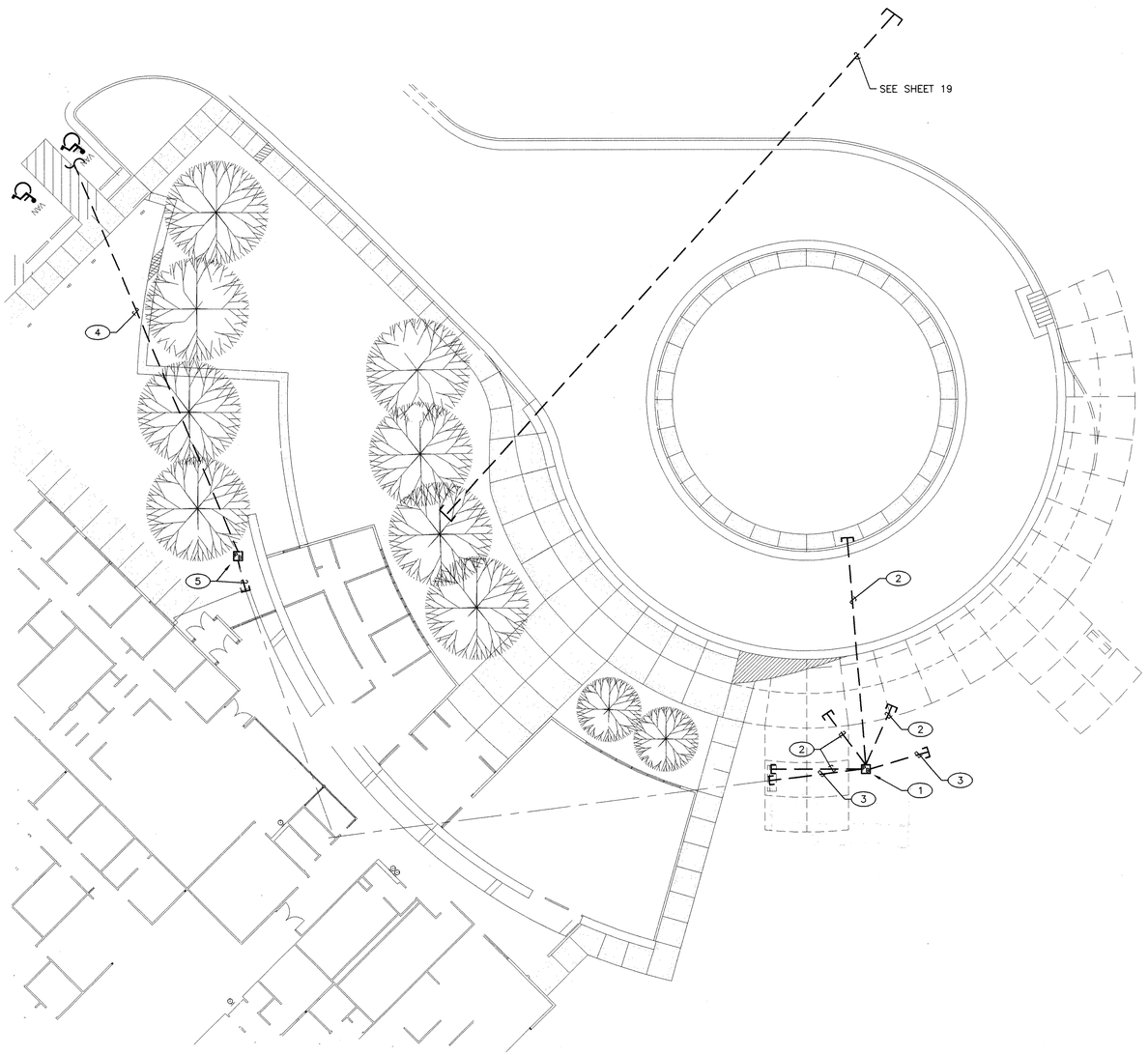
CITY OF ALBUQUERQUE
DEPARTMENT OF FAMILY & COMMUNITY SERVICES

TITLE: ALAMOSA CENTER FOR FAMILY AND COMMUNITY SERVICES
ELECTRICAL INFRASTRUCTURE SITE PLAN

Design Review Committee: APPROVED JUN 10 1997 DESIGN REVIEW COMMITTEE
City Engineer Approval
Last Design Update MO./DAY/YR. MO./DAY/YR.

City Project No.	Zone Map No.	Sheet	Of
5177.92	L-11-Z	20A	



ENLARGED CONDUIT LIGHTING PLAN

SCALE: 1/16" = 1'-0"

BUILDING NORTH

TRUE NORTH

GENERAL NOTES

1. COORDINATE ALL INSTALLATIONS WITH SITE SURVEY PLANS.
2. ALL CONDUIT RUNS STUBBED BELOW GRADE SHALL BE CAPPED AND STAKED, ELECTRICAL CONTRACTOR WILL ALSO PROVIDE AS-BUILD DRAWINGS OF ALL CONDUIT RUNS, JUNCTION BOXES AND STUBS.
3. ALL LIGHTING FIXTURES SHOWN ARE FOR REFERENCE ONLY AND SHALL BE INSTALLED UNDER A DIFFERENT CONTRACT. INSTALL ONLY CONDUIT, PULL CORDS AND PULL/JUNCTION BOXES WITH LOGO/LABELED COVERS. ALL GROUND BOXES ARE TO BE INSTALLED PER GROUND BOX/VAULT DETAIL SHEET 20.

KEYED NOTES

1. QUAZITE PULL BOX #PC1730BA12 WITH COVER #PC1730HA29 COVER LOGO ON COVER SHALL READ "LIGHTING". PROVIDE AND INSTALL PULL BOXES AT ALL LOCATIONS SHOWN. COORDINATE WITH ARCHITECT ON BOX ELEVATIONS AND EXACT LOCATIONS. SEE DETAIL SHEET 20.
2. PROVIDE AND INSTALL 3/4" CONDUIT WITH PULL CORD 36" BELOW GRADE. STUB CONDUIT FROM BOX TO LOCATIONS SHOWN. CAP CONDUIT, STAKE BACKFILL AS REQUIRED.
3. PROVIDE AND INSTALL 2" CONDUIT WITH PULL CORD 36" BELOW GRADE. STUB CONDUIT OUT 10' FROM BOX CAP CONDUIT, STAKE AND BACKFILL AS REQUIRED.
4. PROVIDE AND INSTALL 2" CONDUIT WITH PULL CORD 36" BELOW GRADE. RUN CONDUIT FROM POLE BASE, SHOWN ON SHEET 20, TO PULL BOX. STUB AN
5. QUAZITE PULL BOX #PC1118BG12 WITH COVER #PC1118CG12 LOGO ON COVER SHALL READ "COMMUNICATIONS". COORDINATE WITH ARCHITECT FOR ELEVATION AND EXACT LOCATION. SEE DETAIL SHEET 20. STUB AN ADDITIONAL 2" CONDUIT OUT 5' FROM BOX TOWARDS FUTURE BUILDING. CAP CONDUIT, STAKE AND BACKFILL AS REQUIRED.

SYMBOL LEGEND

SYMBOL	DESCRIPTION
	POLE MOUNTED FIXTURE. TO BE INSTALL AT A LATER DATE.
	CONDUIT STUB UNDERGROUND 36" MINIMUM, OR AS NOTED. CAP AND STAKE.
	CONDUITS UNDERGROUND 36" MINIMUM, OR AS NOTED. WITH PULL CORD.
PB	IN GROUND PULL BOX. SIZE AS NOTED. INSTALL PER DETAIL.

AS BUILT INFORMATION
CONTRACTOR DATE:
WORK STAKED BY DATE:
INSPECTOR'S APPROVAL DATE:
FIELD VERIFICATION BY DATE:
DRAWING CORRECTED BY DATE:
MICRO-FILM INFORMATION
RECORDED BY DATE:
NO.

BENCH MARK

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE

ENGINEER'S STAMP

REGISTERED PROFESSIONAL ENGINEER 6297
5-16-97

NO.	DATE	REVISIONS/REMARKS	BY

DESIGNED BY: DAB DATE: 5/16/97
DRAWN BY: DAB DATE: 5/16/97
CHECKED BY: FJT DATE: 5/16/97

CONSULTING ELECTRICAL ENGINEERS
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Albuquerque, New Mexico 87125
(505) 243-2724

CITY OF ALBUQUERQUE
DEPARTMENT OF FAMILY & COMMUNITY SERVICES

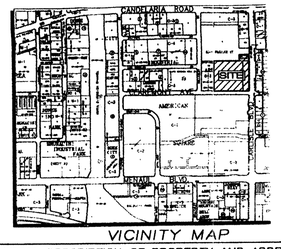
TITLE: Alamosa Center for Family and Community Services
ENLARGED ELECTRICAL INFRASTRUCTURE SITE PLAN

Design Review Committee: APPROVED JUN 10 1997 DESIGN REVIEW COMMITTEE
City Engineer Approval
Last Design Update MO./DAY/YR. MO./DAY/YR.

City Project No.	Zone Map No.	Sheet	Of
5177.92	L-11-Z	21	

CITY OF ALBUQUERQUE

PUBLIC FIRE HYDRANT INSTALLATION



VICINITY MAP

LEGAL DESCRIPTION OF PROPERTY AND ADDRESS:

A PORTION OF TRACT C DUCK CITY INDUSTRIAL AREA WITHIN SECTION 10, TOWNSHIP 10 NORTH, RANGE 3 EAST NMPM, CITY OF ALBUQUERQUE, BRENALILLO COUNTY, NEW MEXICO.

NOTICE TO CONTRACTORS

1. An excavation/barricade permit will be required before beginning any work within City, County, or Village right-of-way. An approved copy of these plans must be submitted at the time of application for these permits.
2. All work detailed on these plans to be done, except as otherwise stated or provided hereon, will be constructed in accordance with "City of Albuquerque Interim Standard Specification for Public Works Construction, 1986," latest revision.
3. Two working days prior to any excavation, the contractor must contact Line Locating Service, 260-1990, for location of existing utilities.
4. Prior to construction, the contractor will excavate and verify the horizontal and vertical locations of all construction. Should a conflict exist, the contractor will notify the Construction Engineer so that the conflict can be resolved with a minimum amount of delay.
5. The contractor will be responsible for coordinating the water shutoff with the Water Division seven working days prior to construction.

Contractor: TLC Plumbing City Inspector: L. Valdez

APPROVALS FOR	NAME	DATE	TITLE OF PROJECT:
DESIGN: UTILITY DEVELOPMENT	Roger A Shean	6-15-00	THE SHOPS AT CARLISLE
CONSTRUCTION: CONSTRUCTION ENGINEER	Peter Chang	11-8-00	
ACCEPTANCE: CONSTRUCTION INSPECTOR	Leo Valdez	11-6-00	PROJECT NO. 642681 ZONE ATLAS H - 16 SHEET 1 OF 5

hydrant1.dwg

PUBLIC FIRE HYDRANT INSTALLATION PROCEDURE

The following procedure has been established to expedite the installation of fire hydrants required as a result of a subdivision or a service request and to insure proper record keeping.

This procedure eliminates the need for a design by a licensed professional engineer, the processing of a SIA, and the need for a formal DRC and Work Order Process. It is intended for use only when no other construction of public infrastructure is required and the City Engineer/Utility Development determines that the normal design, review, and Work Order Process is not required. This procedure is for construction within or adjacent to local streets.

A. The owner or contractor must submit plans using the attached City Standard format to the City Engineer/Utility Development at the One Stop Shop for review and approval.

B. City Engineer/Utility Development will obtain a project number from the DRC Master Scheduler.

C. After Payment of the Engineering Fee the City Engineer/Utility Development will forward the approved plan to the Construction Division for review and to assign a city inspector to the project.

D. Construction Division will forward a copy of the approved plan to the owner or owner's contractor. Prior to construction, the contractor must obtain the necessary permits from the City, County and/or Village. A copy of the approved design must accompany the request for a permit. The contractor must be properly licensed and bonded to do work on the City Water System. This must be verified through the City's Permits office.

E. Any soil compaction, asphalt, concrete, or any material testing required by the standard specifications shall be done by the contractor at no expense to the City.

F. Upon construction of the fire hydrant the contractor will obtain the city inspector's approval of the construction, the inspector will sign the original which will then be forwarded to the Maps & Records Division for As-Built processing.

G. The Construction Engineer will provide the City Engineer/Utility Development and DRC Master Scheduler written certification that the construction has been completed and accepted.

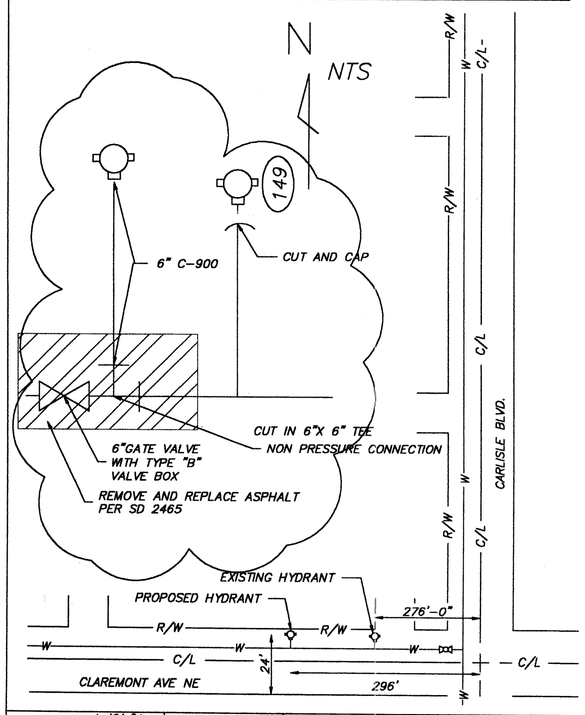
H. If the construction does not pass inspection and a revised design is required, then steps "A-E" must be reinstated. No plat will be signed or meter released until the construction has been accepted by the Construction Division.

hydrant1.dwg

[redacted]
Peter Chang
DATE 11-8-00

CITY OF ALBUQUERQUE

PUBLIC FIRE HYDRANT INSTRUCTIONS
SITE DETAIL



PROJECT NO. 642681	ZONE ATLAS	TITLE:
SHEET 2 OF 5	H - 16	THE SHOPS AT CARLISLE

hydrant1.dwg

CITY OF ALBUQUERQUE

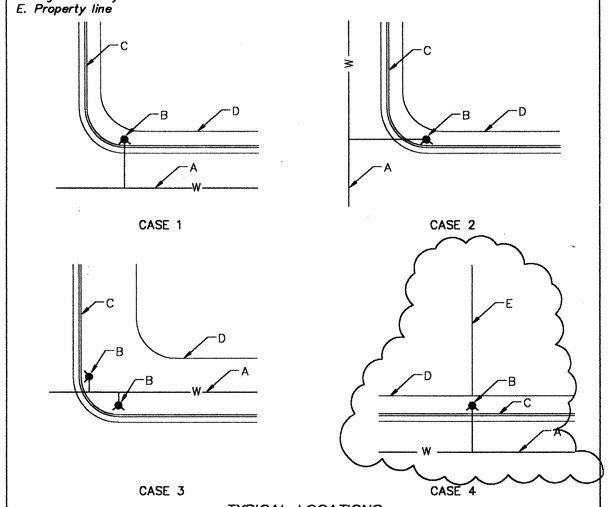
PUBLIC FIRE HYDRANT INSTRUCTIONS
STANDARD DRAWING 2437-A (AUG 1998)

GENERAL NOTES

1. Normally, fire hydrants are located at end of curb return; hydrants will not be located within the curb return area. Fire hydrants to be located within the block length will be installed at a property line (Case 4).
2. A minimum clearance of 5' will be provided between a fire hydrant and a permanent obstruction (utility pole, light standard, traffic signal, etc.).
3. For installation of fire hydrant, see dwg 2340-A.
4. See dwg 2431 for sidewalk configuration when fire hydrant is located in sidewalk.

CONSTRUCTION NOTES

A. Water main
B. Fire hydrant
C. Curb and gutter
D. Right-of-way line
E. Property line



TYPICAL LOCATIONS

PROJECT NO. 642681	ZONE ATLAS	TITLE:
SHEET 4 OF 5	H - 16	THE SHOPS AT CARLISLE

hydrant1.dwg

CITY OF ALBUQUERQUE

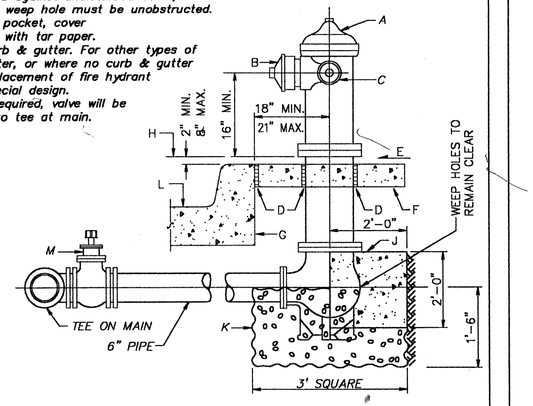
PUBLIC FIRE HYDRANT INSTRUCTIONS
STANDARD DRAWING 2430-A (AUG 1998)

GENERAL NOTES

1. No obstruction will be permitted within 5 feet of fire hydrant.
2. Hydrant leg shall be valved in accordance with Chapter 25 of the D.P.M.
3. Contractor shall be responsible for setting top flange of fire hydrant to the dimensions shown.
4. Fire hydrant shall be located at the beginning of curb return or at the property line common to adjoining lots, unless otherwise shown on plans. See dwg. 2347.
5. When new or existing sidewalk abuts curb, reconstruct sidewalk as per dwg. 2430, 2431.
6. Pumper nozzle to be set facing the traveled way, unless otherwise noted on plans.

CONSTRUCTION NOTES

A. Fire hydrant per specifications
B. Pumper nozzle 4 1/2"
C. Hose nozzle 2 1/2"
D. 1/2" expansion joint material
E. Slope 1/4" per foot
F. 3' x 3' x 6" concrete square pad, to be constructed around fire hydrant's centerline when not located within sidewalk or concrete area.
G. Back of curb
H. Controlled elevation line, level in all directions.
J. Concrete thrust block, approximately 2' x 2' x 3' to be poured against undisturbed earth, fire hydrant weep hole must be unobstructed.
K. Gravel drain pocket, cover top surface with tar paper.
L. Standard curb & gutter. For other types of curb & gutter, or where no curb & gutter exist, the placement of fire hydrant requires special design.
M. If valve is required, valve will be connected to tee at main.



DETAIL OF FIRE HYDRANT SETTING WITH BLOCKING

PROJECT NO. 642681	ZONE ATLAS	TITLE:
SHEET 3 OF 5	H - 16	THE SHOPS AT CARLISLE

hydrant1.dwg