CONSTRUCTION PLANS FOR

UPTOWN LOOP ROAD IMPROVEMENTS ALBUQUERQUE, NEW MEXICO

INDEX OF SHEETS

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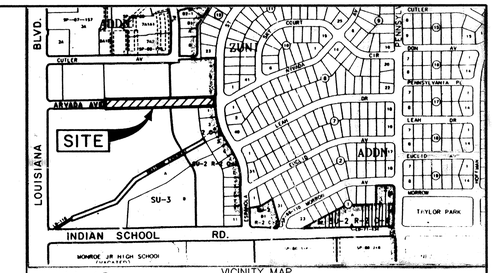
6	PROSPECT UTILITIES
6B	SIGN AND CONSTRUCTION TRAFFIC CONTROL STANDARDS



H-19

VICINITY MAP

NOTICE TO CONTRACTORS

1. ALL WORK DETAILED ON THESE PLANS TO BE PERFORMED UNDER CONTRACT SHALL, EXCEPT AS OTHERWISE STATED OR PROVIDED FOR HEREON, BE CONSTRUCTED IN ACCORDANCE WITH THE CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1986 EDITION AND SHALL INCLUDE UPDATE No.6
2. TWO WORKING DAYS PRIOR TO ANY EXCAVATION, THE CONTRACTOR MUST CONTACT NEW MEXICO ONE CALL SYSTEM (260-1990) FOR LOCATION OF EXISTING UTILITIES.
3. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL OBSTRUCTIONS. SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE ENGINEER OR SURVEYOR IMMEDIATELY SO THAT THE CONFLICT CAN BE RESOLVED WITH A MINIMUM AMOUNT OF DELAY.
4. FIVE (5) WORKING DAYS PRIOR TO BEGINNING CONSTRUCTION, THE CONTRACTOR SHALL SUBMIT TO CONSTRUCTION COORDINATION DIVISION A DETAILED CONSTRUCTION SCHEDULE. TWO (2) WORKING DAYS PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL OBTAIN A BARRICADING PERMIT FROM THE CONST. COORDINATION DIVISION. CONTRACTOR SHALL NOTIFY BARRICADE ENGINEER (768-2551) PRIOR TO OCCUPYING AN INTERSECTION. REFER TO SECTION 19 OF THE GENERAL CONDITIONS OF THE STANDARD SPECIFICATIONS.
5. ALL STREET STRIPING ALTERED OR DESTROYED SHALL BE REPLACED WITH PLASTIC REFLECTORIZED STRIPING BY THE CONTRACTOR TO LOCATION AS EXISTING OR AS INDICATED BY THIS PLAN SET.
6. CONTRACTOR SHALL NOTIFY THE ENGINEER 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 ELEVATIONS OF THE PAVEMENT OF ANY ROADWAY IN WHICH A PERMANENT SURVEY MONUMENT IS LOCATED, CONTRACTOR SHALL, AT HIS OWN EXPENSE, ADJUST THE MONUMENT COVER TO THE NEW GRADE UNLESS OTHERWISE SPECIFIED. REFER TO SECTION 4.4 OF THE GENERAL CONDITIONS OF THE STANDARD SPECIFICATIONS. ANY PERMANENT SURVEY MONUMENT LOCATED WITHIN 50' OF THE PROJECT LIMITS NOT SHOWN ON THE PLANS THAT IS DESTROYED DURING CONSTRUCTION WILL BE REPLACED AT DESIGNER'S EXPENSE.
7. ANY WORK WITHIN AN ARTERIAL ROADWAY REQUIRES TWENTY-FOUR HOUR CONSTRUCTION.
8. ANY DAMAGE TO THE EXISTING FACILITIES (CURB, GUTTER, PAVEMENT, CONDUITS, LANDSCAPING, UTILITY LINES, ETC..) DURING CONSTRUCTION SHALL BE REPLACED AT THE CONTRACTORS EXPENSE.

THE FOLLOWING NOTES ALSO APPLY WHEN CHECKED

- ☒ ALL UTILITIES AND UTILITY SERVICE LINES SHALL BE INSTALLED PRIOR TO PAVING.
- ☒ BACKFILL COMPACTION SHALL BE ACCORDING TO SPECIFIED STREET USE.
- ☐ TACK COAT REQUIREMENTS SHALL BE DETERMINED BY THE CITY ENGINEER.
- ☒ SIDEWALKS AND WHEELCHAIR RAMPS WITHIN THE CURB RETURNS SHALL BE CONSTRUCTED WHEREVER A NEW CURB RETURN IS CONSTRUCTED.
- ☒ IF CURB IS DEPRESSED FOR A DRIVEPAD, THE DRIVEPAD SHALL BE CONSTRUCTED PRIOR TO ACCEPTANCE OF CURB AND GUTTER.
- ☒ ALL STORM DRAINAGE FACILITIES SHALL BE COMPLETED PRIOR TO FINAL ACCEPTANCE.
- ☒ THE REQUESTOR OR DEVELOPER SHALL BE RESPONSIBLE FOR REPAIR OR REPLACEMENT OF ALL CURB AND GUTTER OR SIDEWALK DAMAGED AFTER APPROVAL BY THE CITY ENGINEER OF WORK COMPLETED BY THE CONTRACTOR.

APPROVAL OF AS BUILT DRAWINGS
CHIEF CONSTRUCTION ENGINEER
DATE 8/26/99

JAMES P. WHEELER NEW MEXICO 9889 REGISTERED PROFESSIONAL SURVEYOR
3-3-98

RECORD DRAWING
DATE: 3-3-98

CONSTRUCTION NOTES:

1. THE CONTRACTOR SHALL ABIDE BY ALL LOCAL, STATE, AND FEDERAL LAWS, RULES AND REGULATIONS WHICH APPLY TO THE CONSTRUCTION OF THESE IMPROVEMENTS.
2. ALL ELECTRICAL, TELEPHONE, CABLE TV, GAS AND OTHER UTILITY LINES, CABLES, AND APPURTENANCES ENCOUNTERED DURING CONSTRUCTION THAT REQUIRE RELOCATION, SHALL BE COORDINATED WITH THAT UTILITY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATION OF ALL NECESSARY UTILITY ADJUSTMENTS. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR DELAYS OR INCONVENIENCES CAUSED BY UTILITY COMPANY WORK CREWS. THE CONTRACTOR MAY BE REQUIRED TO RESCHEDULE HIS ACTIVITIES TO ALLOW UTILITY CREWS TO PERFORM THEIR REQUIRED WORK.
3. A DISPOSAL SITE FOR ALL EXCESS EXCAVATION MATERIAL, AND UNSUITABLE MATERIAL SHALL BE OBTAINED BY THE CONTRACTOR IN COMPLIANCE WITH APPLICABLE ENVIRONMENTAL REGULATIONS AND APPROVED BY THE CONSTRUCTION OBSERVER. ALL COSTS INCURRED IN OBTAINING A DISPOSAL SITE AND HAUL THERETO SHALL BE CONSIDERED INCIDENTAL TO THE PROJECT AND NO SEPARATE MEASUREMENT OR PAYMENT SHALL BE MADE.
4. THE CONTRACTOR IS RESPONSIBLE FOR PROTECTING THE EXISTING UTILITY LINES WITHIN THE CONSTRUCTION AREA. ANY DAMAGE TO EXISTING FACILITIES CAUSED BY CONSTRUCTION ACTIVITY SHALL BE REPAIRED OR REPLACED AT THE CONTRACTOR'S EXPENSE AND APPROVED BY THE CONSTRUCTION OBSERVER.
5. CONSTRUCTION ACTIVITY SHALL BE LIMITED TO THE PROPERTY AND/OR PROJECT LIMITS. ANY DAMAGE TO ADJACENT PROPERTIES RESULTING FROM THE CONSTRUCTION PROCESS IS THE RESPONSIBILITY OF THE CONTRACTOR. ANY COSTS INCURRED FOR REPAIRS SHALL BE THE COST OF THE CONTRACTOR.
6. OVERNIGHT PARKING OF CONSTRUCTION EQUIPMENT SHALL NOT OBSTRUCT DRIVEWAYS OR DESIGNATED TRAFFIC LANES. THE CONTRACTOR SHALL NOT STORE ANY EQUIPMENT OR MATERIAL WITHIN THE PUBLIC RIGHT-OF WAY.
7. THE CONTRACTOR SHALL OBTAIN ALL THE NECESSARY PERMITS FOR THE PROJECT PRIOR TO COMMENCING CONSTRUCTION (I.E. BARRICADING, TOPSOIL DISTURBANCE AND EXCAVATION PERMITS, ETC.)
8. THE CONTRACTOR SHALL BE RESPONSIBLE TO REPLACE AT HIS EXPENSE ANY AND ALL PROPERTY CORNERS DESTROYED DURING CONSTRUCTION. ALL PROPERTY CORNERS MUST BE RESET BY A REGISTERED LAND SURVEYOR.
9. ALL PERMANENT PAVEMENT MARKING AND TRAFFIC SIGNING SHALL BE FURNISHED AND INSTALLED BY THE CONTRACTOR PER PLAN.
10. ALL BARRICADES AND CONSTRUCTION SIGNING SHALL CONFORM TO APPLICABLE SECTIONS OF THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES" (MUTCD), U.S. DEPARTMENT OF TRANSPORTATION, LATEST EDITION.
11. THE CONTRACTOR SHALL MAINTAIN ALL CONSTRUCTION BARRICADES AND SIGNING AT ALL TIMES. THE CONTRACTOR SHALL VERIFY THE PROPER LOCATION OF ALL BARRICADING AT THE END AND BEGINNING OF EACH DAY.
12. ALL SAWCUT PAVEMENT SHALL HAVE A UNIFORM EDGE AND BE SPRAYED WITH TACK.
13. WHEN ABUTTING NEW CURB AND GUTTER TO EXISTING PAVEMENT, A 1' WIDE SECTION OF EXISTING PAVEMENT ADJACENT TO THE CURB AND GUTTER SHALL BE SAWCUT, REMOVED, AND REPLACED AS PER THE STANDARD SPECIFICATIONS.
14. THE CONTRACTOR SHALL ASSUME RESPONSIBILITY FOR ANY DAMAGE TO EXISTING PAVEMENTS, PAVEMENT MARKINGS, CURB & GUTTER, DRIVE PADS, WHEELCHAIR RAMPS, AND SIDEWALK DURING CONSTRUCTION, APART FROM THOSE SECTIONS INDICATED FOR REMOVAL ON THE PLANS AND SHALL REPAIR OR REPLACE PER COA STANDARDS, AT HIS OWN EXPENSE.
15. CONTRACTOR SHALL NOT USE ESPANOLA ST. OR OTHER ADJ. RESIDENCIAL ST. FOR ACCESS TO CONSTRUCTION SITE.

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

Bohannan ▲ Huston
Courtyard One
7500 JEFFERSON NE
Albuquerque
NEW MEXICO 87109
ENGINEERS PLANNERS PHOTOGRAMMETRISTS SURVEYORS LANDSCAPE ARCHITECTS

ENGINEERS STAMP & SIGNATURE

JAMES R. TOPMILLER NEW MEXICO 9354 REGISTERED PROFESSIONAL ENGINEER
11/6/97

APPROVALS	ENGINEER	DATE
DRC Chairman	Billy J. Goolsby	12-9-97
Transportation		11-06-97
Water/Wastewater	R.W. Kane	11-6-97
Hydrology		11-6-97
CIP		
Const. Mngmt.		
CONST. COORD.		11-17-97

City Project No. 572781

APPROVED FOR CONSTRUCTION

City Engineer — Date 1/12/98

Sheet 1 Of 6

SCANNED BY MESA REPRO

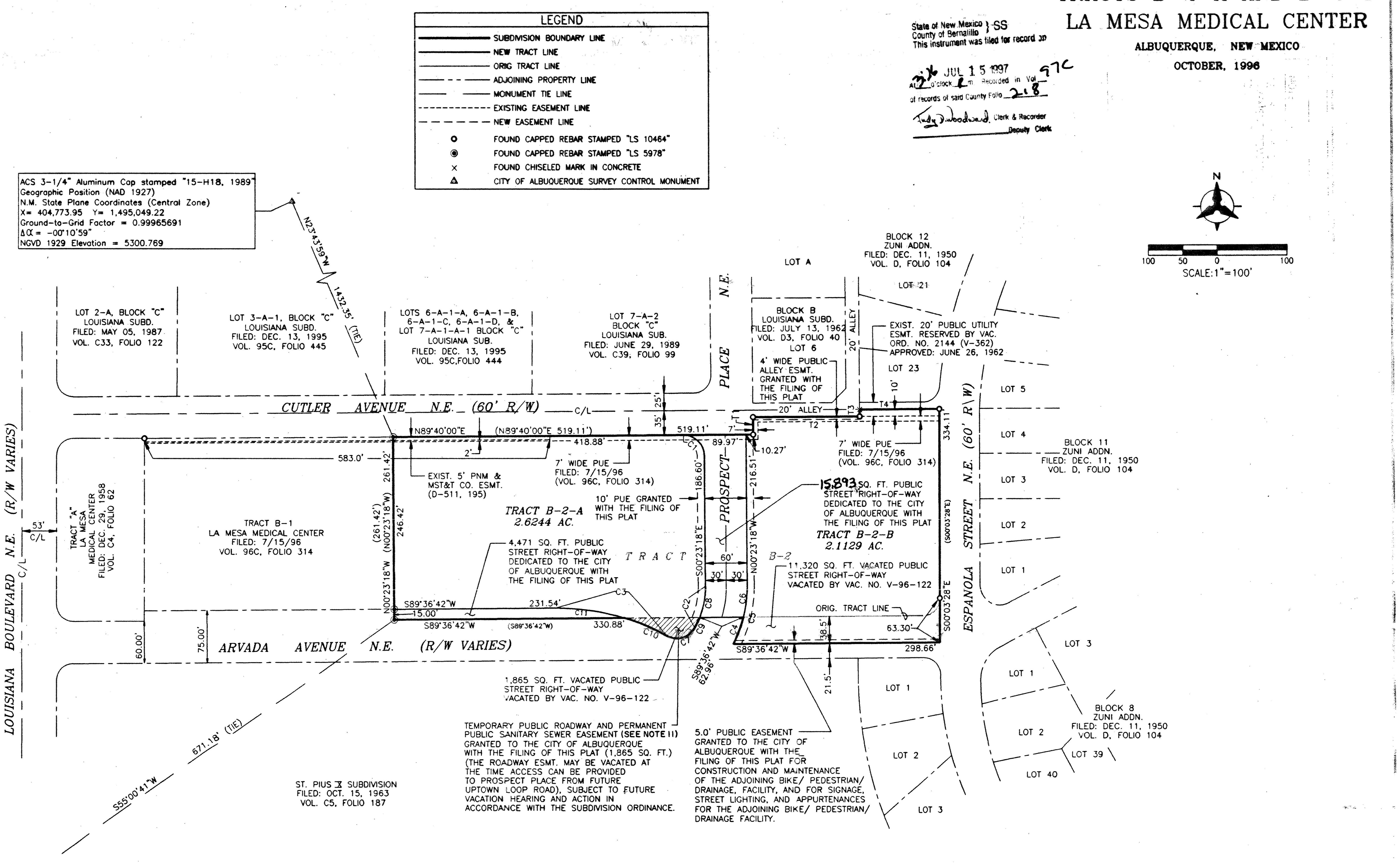
Filename:\\bhimain\97312\A01-public Infra Design\dwg\TITLE_PRIVATE.DWG
Date: 8/20/97

SCANNED BY
MESA REPRO

97072047

State of New Mexico } SS
County of Bernalillo
This instrument was filed for record on
JUL 1 5 1997 at 2 o'clock p.m. Recorded in Vol. 97C
of records of said County Folio 218
Clerk & Recorder
Deputy Clerk

PLAT OF
TRACTS B-2-A AND B-2-B
LA MESA MEDICAL CENTER
ALBUQUERQUE, NEW MEXICO
OCTOBER, 1996



CURVE DATA						
CURVE	RADIUS	LENGTH	DELTA	CHORD	CHORD BEARING	TANGENT
C1	30.00	47.10	89°56'42"	42.41	S45°21'39"E	29.97
C2	120.00	51.71	29°27'54"	61.03	S14°20'39"W	31.55
C3	336.50	168.21	28°38'28"	166.46	N76°04'04"W	85.90
C4	180.00	41.29	13°08'36"	41.20	N20°28'20"E	20.74
C5	180.00	86.18	27°25'55"	85.36	N13°19'40"E	43.93
C6	180.00	44.89	14°17'19"	44.77	S06°45'22"W	22.56
C7	30.00	46.69	89°10'34"	42.12	S73°39'53"W	29.57
C8	120.00	45.51	21°43'43"	45.24	N10°28'34"E	23.03
C9	120.00	16.20	07°44'11"	16.19	S25°12'31"W	8.11
C10	336.50	57.36	11°28'09"	67.25	N67°28'54"W	33.79
C11	336.50	100.85	17°10'19"	100.47	S81°48'08"E	50.81

TANGENT DATA				
TANGENT	BEARING	DISTANCE	RECORD DATA	
T1	N00°25'57"W	25.00	(N00°25'57"W	25.00)
T2	N89°43'19"E	152.55	(N89°43'19"E	152.55)
T3	N00°02'05"W	10.00	(N00°02'05"W	10.00)
T4	N89°37'28"E	117.48	(N89°37'28"E	117.48)

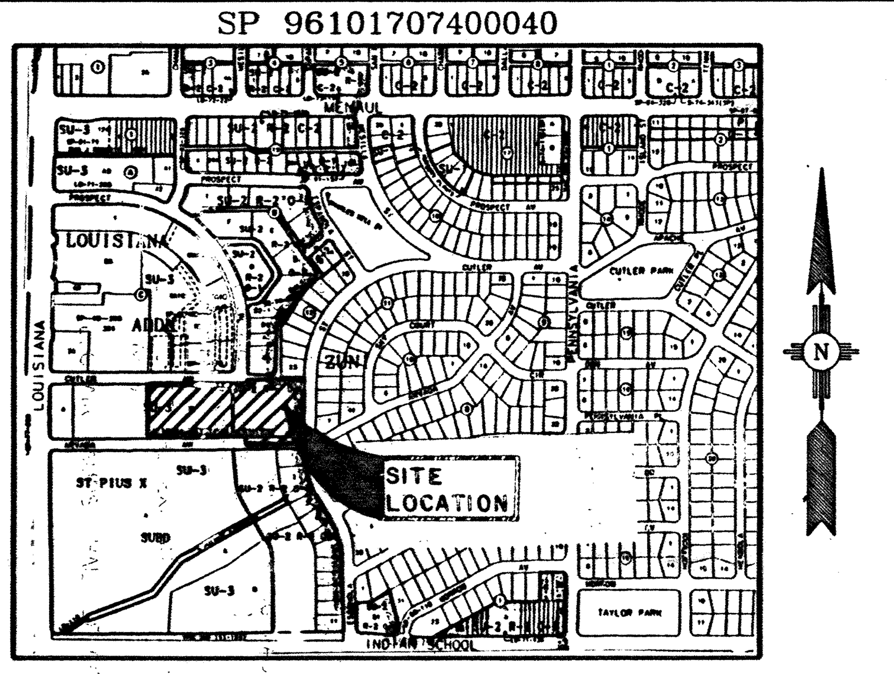
JOB NO. 96-307A-3212

BOHANNAN-HUSTON INC.
ENGINEERS • PLANNERS • PHOTOGRAMMETRISTS • SURVEYORS • LANDSCAPE ARCHITECTS
ALBUQUERQUE LAS CRUCES SANTA FE

SHEET 2 OF 2

2283(2)

SP 96101707400040



LOCATION MAP
ZONE ATLAS INDEX MAP No. H-19-Z
NOT TO SCALE

NOTES

1. DRB No. 96- 158
2. Basis of bearings: New Mexico State Plane Grid Bearings (Central Zone).
3. Distances are ground distances.
4. Date of survey: January 1996
5. This tract is located within the southwest one-quarter of Section 7, T10N, R4E, N.M.P.M.
6. Gross acreage: 5.2048 acres
7. 13,185 square feet public street right-of-way vacated by Vacation Ordinance, V-96-122.
8. Number of tracts created: two tracts
9. This plat shows existing easements.
10. Record Bearing and Distances shown in ( ) parentheses.
11. In the event Grantor constructs any improvements within the easement, the City has the right to enter upon Grantors property at any time and perform whatever inspection, installation, maintenance, repair, modification or removal ("work") it deems appropriate without liability to the City. If the work effects any improvements or encroachments made by the Grantor, the City will not be financially or otherwise responsible for rebuilding or repairing of improvements or encroachments. If in the opinion of the City, the work to be performed by the City could endanger the structural integrity or otherwise damage the improvements or encroachments, the Grantor shall, at its own expense, take whatever protective measures are required to safeguard the improvements or encroachments.

There shall be no encroachments on the new easement including trees, permanent structures, light poles, private drainage or other private utilities, etc.

12. There is no direct motorized vehicular access to Tract B-2-B from Espanola Street.

DISCLOSURE STATEMENT

The purpose for filing this plat is to subdivide TRACT B-2, dedicate 20,364 square feet of public street right-of-way, and grant easements.

PUBLIC UTILITY EASEMENTS

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

A. PNM Electric Services for the installation, maintenance, and service of overhead and underground electrical lines, transformers, and other equipment, fixtures, structures and related facilities reasonably necessary to provide electrical service.

B. PNM Gas Services for installation, maintenance, and service of natural gas lines, valves and other equipment and facilities reasonably necessary to provide natural gas.

C. U.S. West for the installation, maintenance and service of all buried 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.

D. Jones Intercable for the installation, maintenance, and service of such lines, cable, and other related equipment and facilities reasonably necessary to provide Cable TV service.

Included is the right to build, rebuild, construct, reconstruct, locate, relocate, change, remove, modify, renew, operate, and maintain facilities for the purposes described above, together with free access to, from, and over said easements, including sufficient working area space for electric transformers, with the right and privilege to trim and remove trees, shrubs or bushes which interfere with the purposes set forth herein. No building, sign, pool (above ground or subsurface), hot tub, concrete or wood pool decking, or other structure shall be erected or constructed on said easements, nor shall any well be drilled or operated thereon. Property owners shall be solely responsible for correcting any violations of National Electric Safety Code caused by construction of pools, decking, or any structures adjacent to or near easements shown on this plat.

RECORD DRAWING
DATE: 3-3-98

DESCRIPTION

A certain tract of land situate within the southwest one-quarter (SW 1/4) of Section 7, Township 10 North, Range 4 East, New Mexico Principal Meridian, City of Albuquerque, Bernalillo County, New Mexico. Said tract being TRACT B-2, LA MESA MEDICAL CENTER, as the same is shown and designated on the plat filed in the office of the County Clerk of Bernalillo County, New Mexico on July 15, 1996 in Volume 96C, folio 314, together with those portions of vacated Arvada Avenue, N.E. vacated by Vacation Action No. V-96-xxx and being more particularly described by New Mexico State Plane Grid Bearings (Central Zone) and ground distances as follows:

BEGINNING at a point on the north right-of-way line of Arvada Avenue, N.E. and the southwest corner of said TRACT B-2, whence the City of Albuquerque survey monument "20-H18", having New Mexico State Plane Grid Coordinates for the Central Zone: X=404,802.33, Y=1,493,092.39; bears S55°00'41"W a distance of 671.18 feet, thence leaving said right-of-way line and running along the west boundary line of said TRACT B-2,
N00°23'18"W a distance of 261.42 feet to a point on the south right-of-way line of Cutler Avenue, N.E. and the northwest corner of said TRACT B-2; thence running along said south right-of-way line and the northerly boundary line of said TRACT B-2,
N89°40'00"E a distance of 519.11 feet to a 5/8" rebar with a survey cap stamped "LS 10464"; thence,
N00°25'57"W a distance of 25.00 feet to a 5/8" rebar with a survey cap stamped "LS 10464" and a point on the southerly right-of-way line of a 20 foot wide public alley; thence,
N89°43'19"E a distance of 152.55 feet to a 5/8" rebar with a survey cap stamped "LS 10464"; thence,
N00°02'05"W a distance of 10.00 feet to a mark in concrete; thence,
N89°37'28"E a distance of 117.48 feet to a 5/8" rebar with a survey cap stamped "LS 10464" on the west right-of-way line of Espanola Street N.E. and the northeast corner of TRACT B-2; thence running along said west right-of-way line,
S00°03'28"E a distance of 334.11 feet to a point on the north right-of-way line of Arvada Avenue, N.E. and the southeast corner of the tract herein described; thence running along the southerly boundary line of said tract,
S89°36'42"W a distance of 298.66 feet to a point on curve; thence continuing along said southerly boundary line,
41.29 feet along the arc of a curve to the left having a radius of 180.00 feet and a chord bearing N20°28'20"E a distance of 41.20 feet to a point; thence continuing along said southerly boundary line,
S89°36'42"W a distance of 62.96 feet to a point on curve; thence continuing along said southerly boundary line,
16.20 feet along the arc of a curve to the right having a radius of 120.00 feet and a chord bearing S25°12'31"W a distance of 16.19 feet to a point of compound curvature; thence continuing along said southerly boundary line,
46.69 feet along the arc of a curve to the right having a radius of 30.00 feet and a chord bearing S73°39'53"W a distance of 42.12 feet to a point of reverse curvature; thence continuing along said southerly boundary line,
67.36 feet along the arc of a curve to the left having a radius of 336.50 feet and a chord bearing N67°28'54"W a distance of 67.25 feet to a point; thence continuing along said southerly boundary line,
S89°36'42"W a distance of 330.88 feet to the point and place of beginning.

This tract contains 5.2048 acres, more or less.

In approving this plat, PNM Electric Services and Gas Services (PNM) did not conduct a Title Search of the properties shown hereon. Consequently, PNM does not waive nor release any easement or easement rights to which it may be entitled.

FREE CONSENT AND DEDICATION

The foregoing replat is with the free consent and in accordance with the desires of the undersigned owner(s) and/or proprietor(s) thereof and said owner(s) and/or proprietor(s) do hereby dedicate 20,364 square feet of public street right-of-way and hereby grant: all access, utility and drainage easements shown hereon including the right to construct operate, inspect, and maintain facilities therein; and all Public Utility easements shown hereon for the common and joint use of Gas, Electrical Power and Communication Easements are reserved for underground and/or overhead distribution lines, conduits, and pipes for underground Utilities where shown or indicated, including the right of ingress and egress for construction and maintenance, and the right to trim interfering trees and shrubs. Said owner(s) and/or proprietor(s) do hereby consent to all of the foregoing and do hereby certify this subdivision is their free act and deed.

OWNER(S) TRACT B-2
LA MESA INVESTORS LTD. CO.

Ronald Nelson, member La Mesa Investors Ltd. Co.

State of New Mexico)
ss
County of Bernalillo)

The foregoing instrument was acknowledged before me this 1 day of May 1997 by Ronald Nelson, on behalf of the LA MESA INVESTORS LTD. CO.

OFFICIAL SEAL
NOTARY PUBLIC
STATE OF NEW MEXICO
My Commission Expires: 4-12-00

Notary Public

APPROVALS

PLAT NUMBER SP-97-143	7-15-97
PLANNING DIRECTOR	DATE 7-11-97
CITY ENGINEER	DATE 7-11-97
A.M.A.F.C.A.	DATE 5-27-97
TRAFFIC ENGINEER	DATE 050697
CITY SURVEYOR	DATE 7-14-97
PROPERTY MANAGEMENT	DATE 5-27-97
UTILITY DEVELOPMENT DEPARTMENT	DATE 6-9-97
PARKS AND GENERAL SERVICES DEPARTMENT	DATE 5-19-97
U.S. WEST COMMUNICATIONS	DATE 5-19-97
PNM ELECTRIC SERVICES	DATE 5-19-97
PNM GAS SERVICES	DATE

THIS IS TO CERTIFY THAT TAXES ARE CURRENT AND PAID ON UPC# 1-019-059-079116-31009

PROPERTY OWNER OF RECORD: La Mesa Investors LTD Co.

BERNALILLO COUNTY TREASURER'S OFFICE 7/15/97 DATE

SURVEYOR'S CERTIFICATION

I, Thomas G. Klingenhagen, a registered Professional New Mexico Surveyor, certify that I am responsible for this survey and that this plat was prepared by me or under my supervision, shows all easements of record, and conforms to the Minimum Requirements of the Board of Registration for Professional Engineers and Professional Surveyors in February 1994 and meets the minimum requirements for monumentation and surveys contained in the Albuquerque Subdivision Ordinance, and is true and accurate to the best of my knowledge and belief.

Bohannan-Huston Inc.
Courtyard I
7500 Jefferson Street, N.E.
Albuquerque, New Mexico 87109

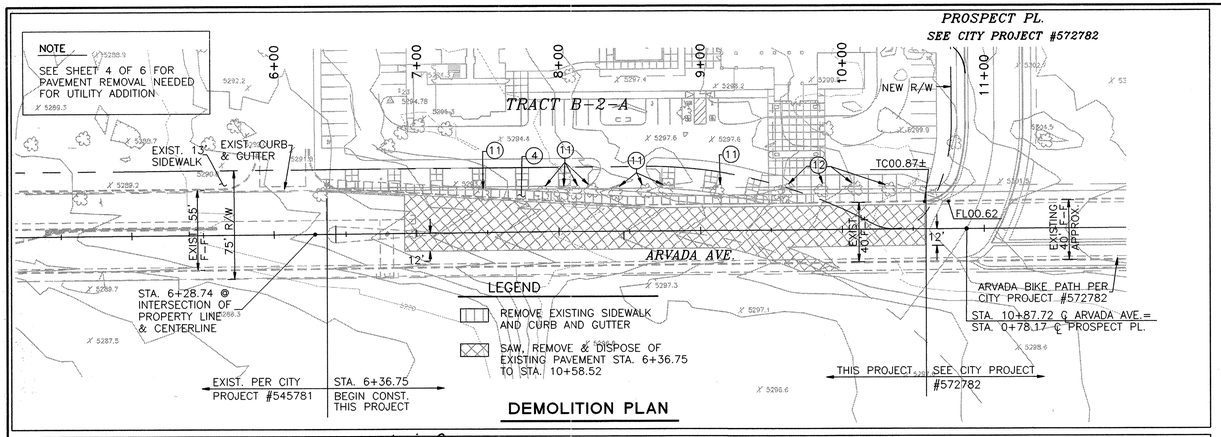
Thomas G. Klingenhagen
New Mexico Professional Surveyor 5978
Date: 4-30-97

JOB NO. 96-307A-3212

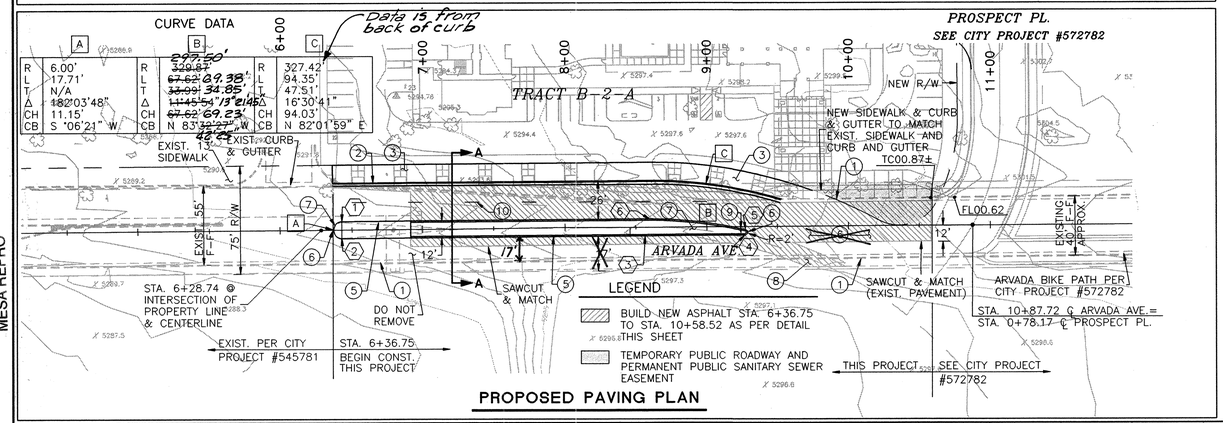
BOHANNAN-HUSTON INC.
ENGINEERS • PLANNERS • PHOTOGRAMMETRISTS • SURVEYORS • LANDSCAPE ARCHITECTS
ALBUQUERQUE LAS CRUCES SANTA FE

SHEET 1 OF 2

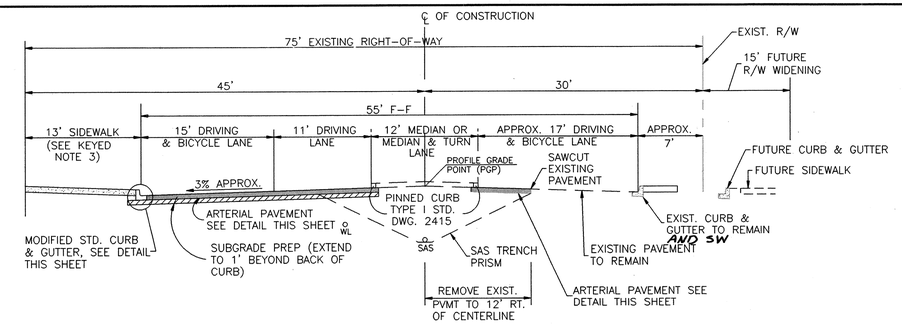
2283(1)



DEMOLITION PLAN

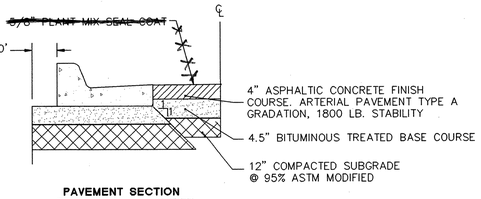


PROPOSED PAVING PLAN



PAVEMENT SECTION A-A

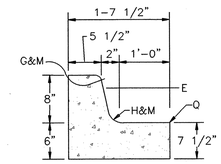
NTS.



PAVEMENT SECTION

NTS

NOTE:
PAVEMENT DESIGN MATCHES CITY PROJECT No. 545781



MODIFIED STANDARD CURB & GUTTER

NTS.

(SEE GENERAL NOTES AND CONSTRUCTION NOTES, CITY OF ABQ. STD. DWG 2415.)

KEYED NOTES

1. EXISTING CURB & GUTTER TO REMAIN STA. 6+37.21 APPROX. 23' RT. TO STA. 10+58.62 APPROX. 23' RT. AND STA. 9+52.60, 18.52' LT. TO STA. 9+80.00, 18.61' LT.
2. BUILD MODIFIED STANDARD CURB & GUTTER AS PER DETAIL THIS SHEET
3. BUILD 13' PCC SIDEWALK AS TO BE CONSTRUCTED w/ DEVELOPMENT OF TRACT B-2-A
4. REMOVE EXISTING SIDEWALK AND CURB & GUTTER STA. 6+34.48 TO STA. 9+52.60
5. INSTALL PINNED TYPE I CURB PER STD DWG #2415
6. PAINT MEDIAN NOSE w/ REFLECTIVE YELLOW PAINT. CURB FACE ONLY
7. STA. 6+37.21 TO STA. 6+47.21 & STA. 9+18.93 TO STA. 9+28.93 INSTALL 4" PORTLAND CEMENT TEXTURED CONCRETE RUNNING BAND PATTERN IN MEDIAN AS PER COA. STD. DWG. #2408
8. REMOVE & REPLACE EXISTING SIDEWALK, CURB & GUTTER TO MATCH EXISTING ON THIS AREA.
9. STA. 9+24, 3' RT. INSTALL 24"x30" R4-7 (KEEP RIGHT) SIGN. SIGN SHALL MEET ALL MUTCD REQUIREMENTS.
10. STA. 6+50.00 TO STA. 9+00.00, 17' LT. INSTALL BROKEN 4" WHITE REFLECTORIZED PLASTIC STRIPE, 10' STRIPE, 30' SPACE.
11. EXISTING TREE TO BE REMOVED
12. EXISTING TREE TO REMAIN

PT#	STA.	OFFSET	TC
1	6+42.94	6.00' LT.	91.25
2	6+42.85	6.00' RT.	91.52
3	8+60.28	6.00' RT.	96.01
4	9+~~26.93~~ 28.57	6.00' RT.	97.54
5	9+~~27.38~~ 29.03	2.05' RT.	97.87
6	8+60.21	6.00' LT.	96.38

JAMES P. WHEELER NEW MEXICO 12807 REGISTERED PROFESSIONAL SURVEYOR 3-3-98

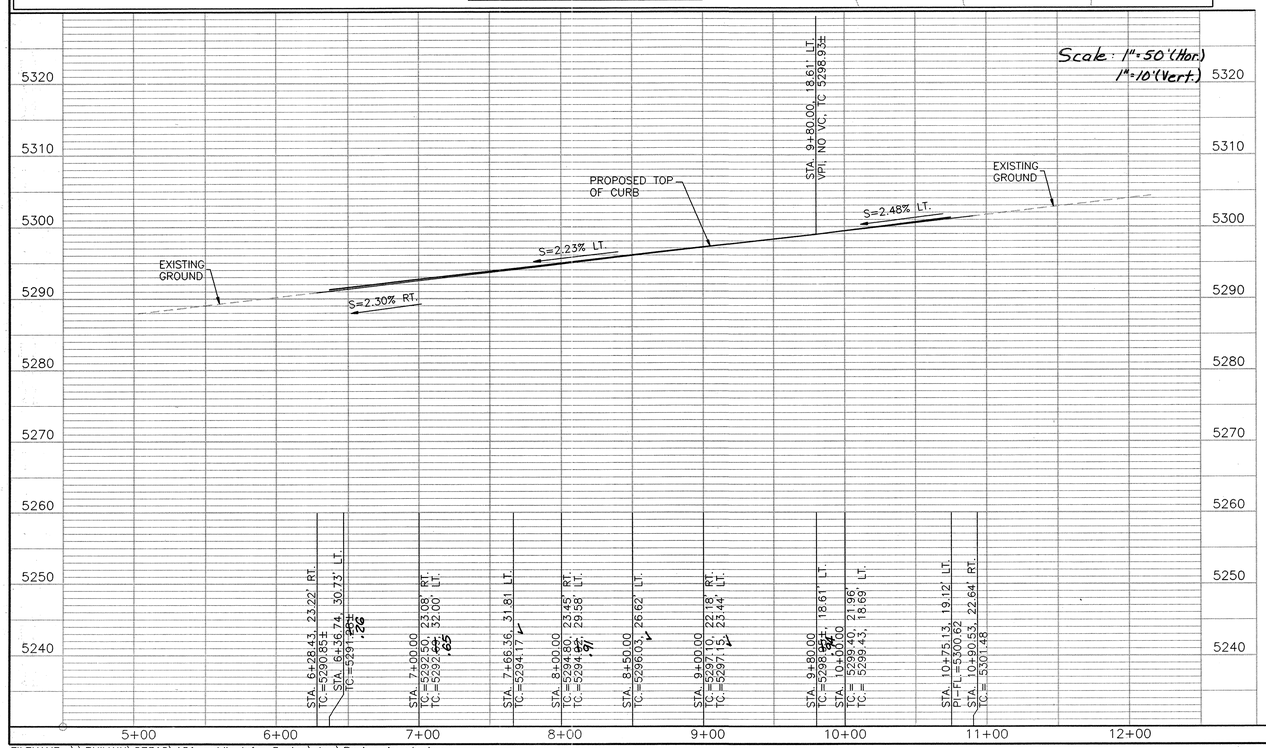
N

RECORD DRAWING
DATE: 3-3-98

0 25 50 100
SCALE: 1"=50'

NOTES:

1. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITY LOCATIONS AND NOTIFY THE ENGINEER IMMEDIATELY OF ANY DISCREPANCIES.
2. ALL CURB RETURN RADII SHALL BE 25' TO FACE OF CURB UNLESS OTHERWISE SPECIFIED.
3. ALL CURVE DATA AND DIMENSIONS REFER TO FACE OF CURB UNLESS OTHERWISE SPECIFIED.
4. GRADE ELEVATIONS, WHERE NOTED, ARE FOR TOP OF STANDARD CURB UNLESS OTHERWISE SPECIFIED SUFFIX "R" INDICATES ROLLED CURB.
5. CONTRACTOR IS TO INSTALL A 4"x4"x5' POST AND EMD AT THE END OF EACH SANITARY SEWER SERVICE.
6. CONTRACTOR IS RESPONSIBLE FOR REPAIR AND/OR REPLACEMENT OF ALL UTILITY CONDUITS AND EXISTING LINES.
7. ANY ADDITIONAL GRADING REQUIRED TO MATCH PROPOSED STREET GRADES SHALL BE INCIDENTAL TO PAVING ITEMS.
8. CONTRACTOR SHALL PROVIDE THE INSPECTORS, (CITY AND PRIVATE) WITH THE PROPOSED HYDROSTATIC TESTING PLAN. THE PLAN MUST BE APPROVED BEFORE TESTING OPERATIONS BEGIN.
9. CONTRACTOR SHALL PARK EQUIPMENT AND VEHICLES AS NOT TO INTERFERE WITH NORMAL ACTIVITIES OF RESIDENTS OR OTHER CONTRACTORS ON SITE.
10. ANY DAMAGE TO THE EXISTING FACILITIES (CURB AND GUTTER, PAVEMENT, CONDUITS, LANDSCAPING, UTILITY LINES, ETC.) DURING CONSTRUCTION SHALL BE REPLACED AT THE CONTRACTORS EXPENSE.
11. REMOVAL OF THE EXISTING CURB AND GUTTER SHALL BE AS PER COA STD. DWG. 2415 (SAWCUT ONLY).
12. WHEEL CHAIR RAMPS SHALL BE CONSTRUCTED PRIOR TO ACCEPTANCE OF CURB AND GUTTER.



SCANNED BY MESA REPRO

Bohannan ▲ Huston
Courtyard One
7500 JEFFERSON NE
Albuquerque
NEW MEXICO 87109
ENGINEERS PLANNERS PHOTOGRAMMETRISTS SURVEYORS LANDSCAPE ARCHITECTS

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE: UPTOWN LOOP ROAD IMPROVEMENTS
PAVING PLAN & PROFILE
ARVADA AVENUE

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

City Project No.	Zone Map No.	Sheet	Of
572781	H-19	3	6

AS-BUILT INFORMATION
CONTRACTOR NCC DATE
WORK STAKED BY BH DATE 2/98
INSPECTOR'S ACCEPTANCE BY BH DATE 3/98
VERIFICATION BY BH DATE 3/98
REVISIONS CORRECTED BY BH DATE 3/98
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.
Inspector: Heather Ortega

BENCH MARKS
ACS 3-1/4" Aluminum Cap stamped "20-H18, 1989"
Geographic Position (NAD 1927)
N.M. State Plane Coordinates (Central Zone)
X = 404,802.33; Y = 1,493,092.39
ΔOC = -00°10'58"
NGVD 1929 Elevation = 5280.592

SURVEY INFORMATION
FIELD NOTES
NO. BY DATE

ENGINEER'S SEAL
JAMES R. TOPMILLER NEW MEXICO 9354 REGISTERED PROFESSIONAL ENGINEER
11/6/97

No.	Date	REMARKS	BY
		REVISIONS	
		DESIGN	

Designed By: BJS, TG DATE: 11/6/97
Drawn By: JAJ DATE: 11/6/97
Checked By: JRT DATE: 11/6/97

FILENAME: \\BHIMAIN\97312\A01_public Infra Design\dwg\Paving_Arvada.dwg
XREFS: BACKGRND.DWG, ARVADA.DWG
SHTB

SCALE: 1"=50' (HORIZ.)
1"=10' (VERT.)

WATER SHUT OFF REQUIREMENTS

CONTRACTOR WILL BE RESPONSIBLE FOR THE TIMING AND COORDINATION OF THE WATER SHUT-OFF REQUIREMENTS IN CONJUNCTION WITH THE COMPLETION OF THE PROJECT. AT LEAST FIVE (5) WORKING DAYS PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL CONTACT PWD/WATER SYSTEMS DIVISION (857-8200) TO INITIATE IMPLEMENTATION OF THIS WATER SHUT-OFF PLAN.

WATER SHUT-OFF PLAN

FOR NON-PRESSURE CONNECTION	CLOSE VALVE(S)
EXIST. 6" IN ESPANOLA ST.	① 773* ② 774* *FIELD VERIFY THAT THESE ARE 6" GATE VALVES.
EXIST. 10" IN ARVADA AVE.	① VALVE "A" ON THIS SHEET (10" GATE VALVE)

NOTE
THE CONTRACTOR SHALL NOT OPERATE CITY VALVES.

RESTRAINED JOINT TABLE

MECHANICAL JOINTS	LENGTH OF RESTRAINED JOINTS PIPE SIZE/BRANCH SIZE (6")	(8")	(10")
TEE, 10" RUN	1'	1'	0
TEE, 36" RUN	0	0	22'
45° BEND	0	0	17'
GATE VALVE	65'	0	102'

NOTES:

1. ALL MECHANICAL JOINTS SHALL BE RESTRAINED AT THE FITTING.
2. THE CONTRACTOR SHALL PROVIDE A MINIMUM PIPE LENGTH OF 20 LF OF A MJ SHALL BE RESTRAIN AT THE CONTRACTORS EXPENSE
3. THE CONTRACTOR SHALL RESTRAIN ALL PIPE JOINTS IN THE SPECIFIED DISTANCE LISTED IN THE TABLE ABOVE. (SEE NOTE 2 ABOVE).
4. THE CONTRACTOR SHALL RESTRAIN ALL FIRE HYDRANTS JOINTS FROM THE TEE ON THE MAIN TO THE FIRE HYDRANT FLANGE.
5. ALL CAPS SHALL UTILIZE PCC BLOCKING.

NOTES

1. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITY LOCATIONS AND NOTIFY THE ENGINEER IMMEDIATELY OF ANY DISCREPANCIES.
2. ALL CURB RETURN RADII SHALL BE 25' TO FACE OF CURB UNLESS OTHERWISE SPECIFIED.
3. ALL CURVE DATA AND DIMENSIONS REFER TO FACE OF CURB UNLESS OTHERWISE SPECIFIED.
4. GRADE ELEVATIONS, WHERE NOTED, ARE FOR TOP OF STANDARD CURB UNLESS OTHERWISE SPECIFIED. SUFFIX "R" INDICATES ROLLED CURB.
5. CONTRACTOR IS TO INSTALL A 4"x4"x5' POST AND EMD AT THE END OF EACH SANITARY SEWER SERVICE.
6. CONTRACTOR IS RESPONSIBLE FOR REPAIR AND/OR REPLACEMENT OF ALL UTILITY CONDUITS AND EXISTING LINES.
7. ANY ADDITIONAL GRADING REQUIRED TO MATCH PROPOSED STREET GRADES SHALL BE INCIDENTAL TO PAVING ITEMS.
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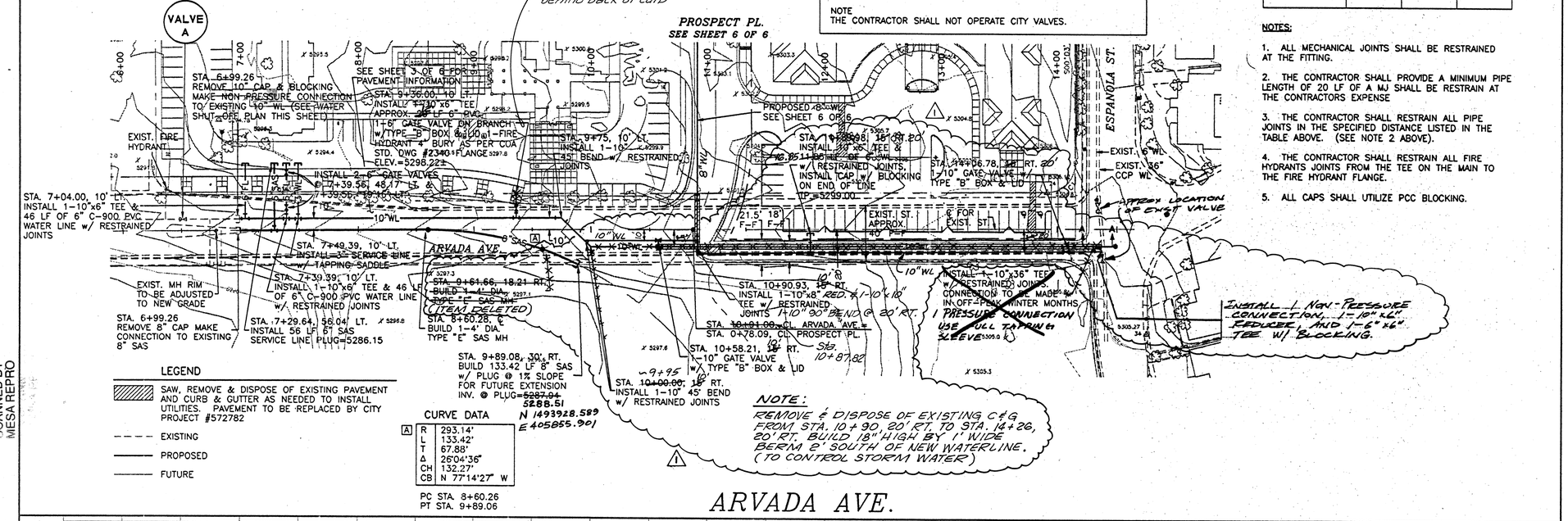
10. ANY DAMAGE TO THE EXISTING FACILITIES (CURB AND GUTTER, PAVEMENT, CONDUITS, LANDSCAPING, UTILITY LINES, ETC.) DURING CONSTRUCTION SHALL BE REPLACED AT THE CONTRACTORS EXPENSE.
11. REMOVAL OF THE EXISTING CURB AND GUTTER SHALL BE AS PER COA STD. DWG. 2415 (SAWCUT ONLY).
12. WHEEL CHAIR RAMPS SHALL BE CONSTRUCTED PRIOR TO ACCEPTANCE OF CURB AND GUTTER.



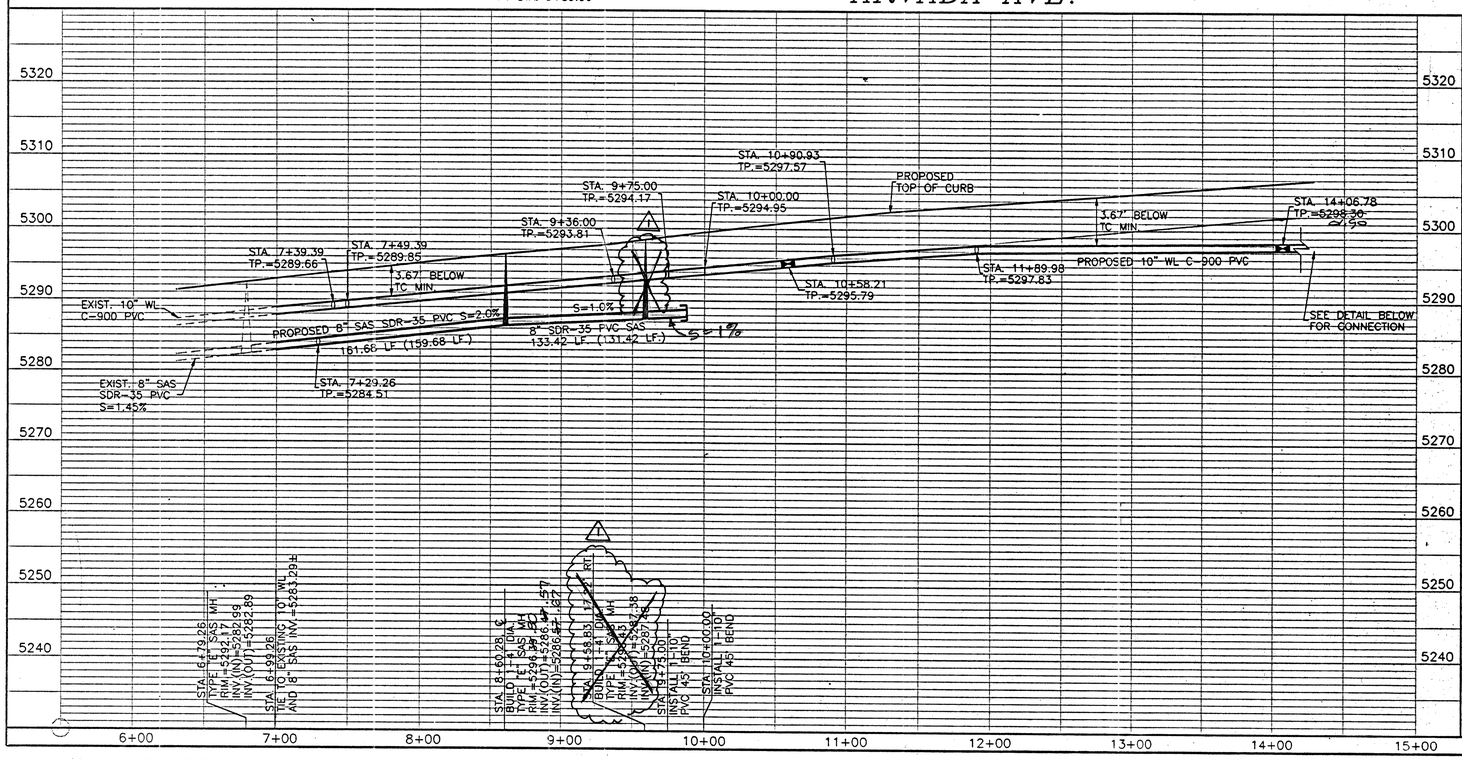
LEGEND

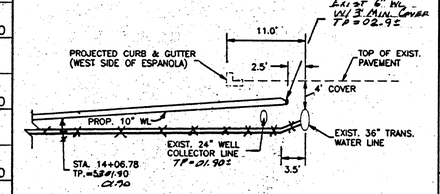
- SAW, REMOVE & DISPOSE OF EXISTING PAVEMENT AND CURB & GUTTER AS NEEDED TO INSTALL UTILITIES. PAVEMENT TO BE REPLACED BY CITY PROJECT #572782
- EXISTING
- PROPOSED
- FUTURE

CURVE DATA

A	R	293.14'
	L	133.42'
	T	67.88'
	Δ	26°04'36"
	CH	132.27'
	CB	N 77°14'27" W

PC STA. 8+60.26
PT STA. 9+89.06





SECTION A-A
SCALE: ~~1"=10'~~ NTS

FOR ADDITIONAL INFORMATION ON EXIST. WATERLINES IN ESPANOLA SEE COA PROJ. #4214.90

JAMES P. WHEELER NEW MEXICO 12261 REGISTERED PROFESSIONAL SURVEYOR 3-3-98

RECORD DRAWING
DATE: 3-3-98

N

0 25 50 100

SCALE: 1"=50'

Bohannan ▲ Huston
Courtyard One
7500 JEFFERSON NE
Albuquerque
NEW MEXICO 87109
ENGINEERS PLANNERS PHOTOGRAMMETRISTS SURVEYORS LANDSCAPE ARCHITECTS

No.	Date	REMARKS	BY
1	1-27-98	REALIGN 10" WATERLINE AND DELETE MANHOLE (B&J)	BJS

REVISIONS
DESIGN
Designed By: BJS, TG DATE: 11/6/97
Drawn By: JAJ DATE: 11/6/97
Checked By: JRT DATE: 11/6/97

ENGINEER'S SEAL
JAMES R. TOPMILLER NEW MEXICO 8354 REGISTERED PROFESSIONAL ENGINEER
11/6/97

AS-BUILT INFORMATION
CONTRACTOR A/CC DATE
WORK STAKED BY B.H. DATE 2/98
INSPECTOR'S ACCEPTANCE BY B.H. DATE 3/98
FIELD VERIFICATION BY B.H. DATE 3/98
DRAWINGS CORRECTED BY B.H. DATE 3/98
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS
ACS 3-1/4" Aluminum Cap stamped "20-H18, 1989"
Geographic Position (NAD 1927)
N.M. State Plane Coordinates (Central Zone)
X = 404,802.33; Y = 1,493,092.39
ΔG = -00°10'59"
NGVD 1929 Elevation = 5280.592

SURVEY INFORMATION
FIELD NOTES
NO. BY DATE

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE: UPTOWN LOOP ROAD IMPROVEMENTS
UTILITY PLAN & PROFILE
ARVADA AVENUE

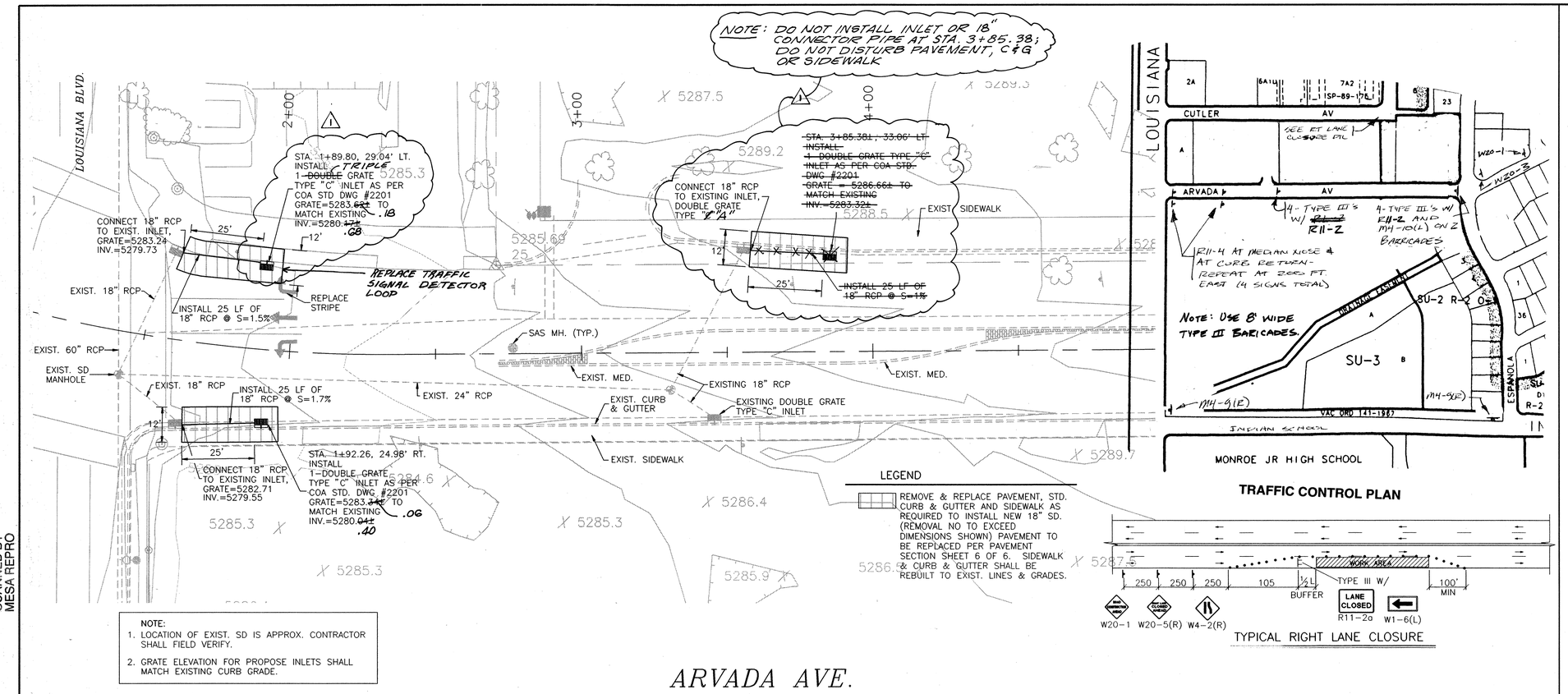
Design Review Committee: APPROVED
City Engineer Approval
Last Design Update | Mo./Day/Yr. | Mo./Day/Yr.

City Project No. 572781 | Zone Map No. H-19 | Sheet 4 Of 6

SCALE: 1"=50' (HORIZ.)
1"=10' (VERT.)

FILENAME: \\BHIMAIN\97312\UTILITY_ARVADA.DWG SHT4
XREFS: BACKGRND.DWG, WEST ARVADA.DWG

SCANNED BY MESA REPRO



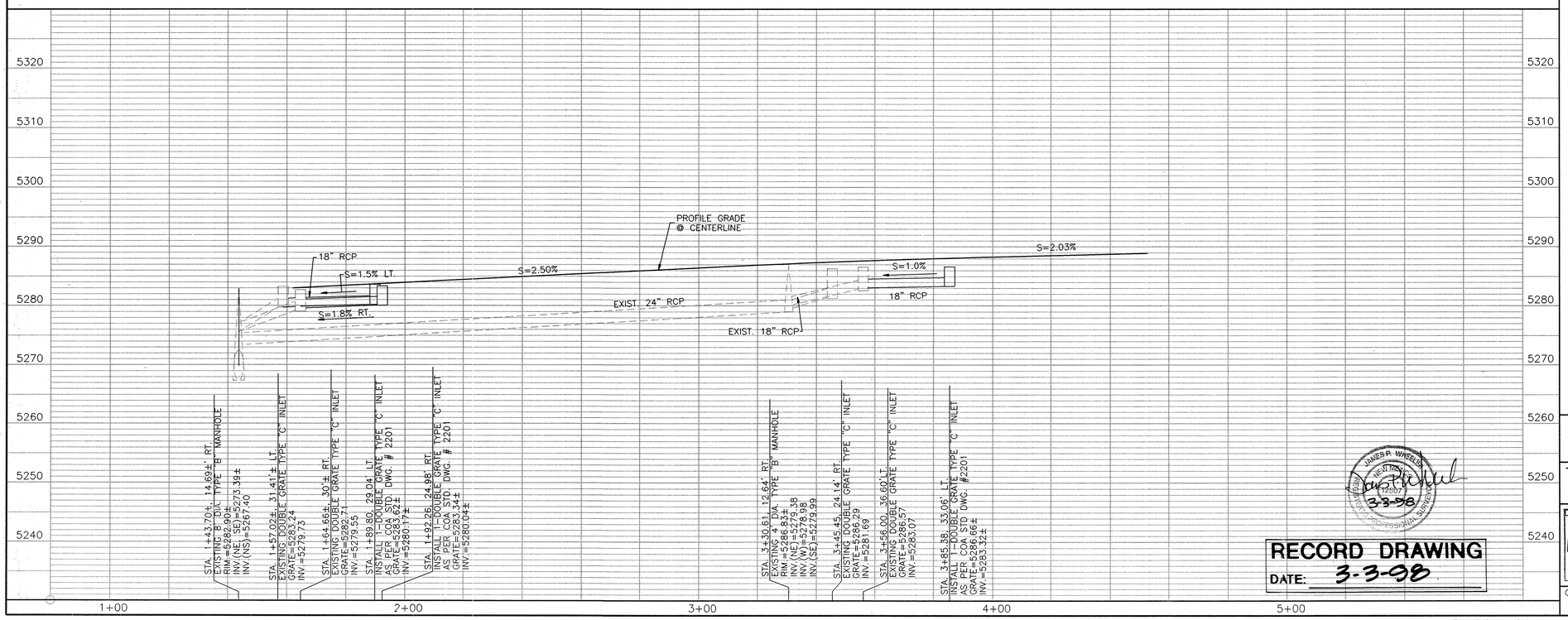
TRAFFIC CONTROL PLAN

LEGEND

REMOVE & REPLACE PAVEMENT, STD. CURB & GUTTER AND SIDEWALK AS REQUIRED TO INSTALL NEW 18" SD. (REMOVAL NO TO EXCEED DIMENSIONS SHOWN) PAVEMENT TO BE REPLACED PER PAVEMENT SECTION SHEET 6 OF 6. SIDEWALK & CURB & GUTTER SHALL BE REBUILT TO EXIST. LINES & GRADES.

TYPICAL RIGHT LANE CLOSURE

NOTE:
1. LOCATION OF EXIST. SD IS APPROX. CONTRACTOR SHALL FIELD VERIFY.
2. GRATE ELEVATION FOR PROPOSE INLETS SHALL MATCH EXISTING CURB GRADE.



RECORD DRAWING
DATE: 3-3-98

SCALE: 1"=20' (HORIZ.)
1"=10' (VERT.)

N

0 10 20 40

SCALE: 1"=20'

Bohannan ▲ Huston
Courtyard One
7500 JEFFERSON NE
Albuquerque
NEW MEXICO 87109
ENGINEERS PLANNERS PHOTOGRAMMETRISTS SURVEYORS LANDSCAPE ARCHITECTS

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE: UPTOWN LOOP ROAD IMPROVEMENTS
STORM DRAIN PLAN & PROFILE
ARVADA AVENUE

Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.
APPROVED DEC 9 1997 DESIGN REVIEW COMMITTEE				

City Project No.	Zone Map No.	Sheet	Of
572781	H-19	5	6

AS-BUILT INFORMATION

		DATE
CONTRACTOR	NCC	
WORK STAKED BY	BH	DATE 2/98
INSPECTOR'S ACCEPTANCE BY	BH/LOG	DATE 3/98
FIELD VERIFICATION BY	BH	DATE 3/98
DRAWINGS CORRECTED BY	BH	DATE 3/98
MICRO-FILM INFORMATION		
RECORDED BY		DATE
NO.		

BENCH MARKS

ACS 3-1/4" Aluminum Cap stamped "20-H18, 1989"
Geographic Position (NAD 1927)
N.M. State Plane Coordinates (Central Zone)
X = 404,802.33; Y = 1,493,092.39
$\Delta\alpha$ = -00°10'59"
NGVD 1929 Elevation = 5280.592

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL
JAMES R. TOPMILLER NEW MEXICO 9354 REGISTERED PROFESSIONAL ENGINEER
11/6/97

No.	Date	REMARKS	BY
1	2.10.98	DELETE ONE INLET, CHANGE OTHER INLET TO TRIPLE GRATE	BS

REVISIONS

DESIGN
Designed By: BGS, TG DATE: 11/6/97
Drawn By: JAJ DATE: 11/6/97
Checked By: JRT DATE: 11/6/97

JAMES P. WHEELER NEW MEXICO 12307 PROFESSIONAL SURVEYOR
3-3-98

SCANNED BY MESA REPRO

FILENAME: \\BHMAIN\97312\UTILITY_ARVADA_SD SHT5
XREFS: BACKGRND.DWG, WEST ARVADA.DWG

RESTRAINED JOINT TABLE

MECHANICAL JOINTS	LENGTH OF RESTRAINED JOINTS PIPE SIZE/BRANCH SIZE		
	(6")	(8")	(10")
TEE, 6" RUN	0	18'	0
GATE VALVE	0	85'	0

NOTES:

1. ALL MECHANICAL JOINTS SHALL BE RESTRAINED AT THE FITTING.
2. THE CONTRACTOR SHALL PROVIDE A MINIMUM PIPE LENGTH OF 20 LF OF A MJ SHALL BE RESTRAIN AT THE CONTRACTORS EXPENSE
3. THE CONTRACTOR SHALL RESTRAIN ALL PIPE JOINTS IN THE SPECIFIED DISTANCE LISTED IN THE TABLE ABOVE. (SEE NOTE 2 ABOVE).
4. THE CONTRACTOR SHALL RESTRAIN ALL FIRE HYDRANTS JOINTS FROM THE TEE ON THE MAIN TO THE FIRE HYDRANT FLANGE.
5. ALL CAPS SHALL UTILIZE PCC BLOCKING.

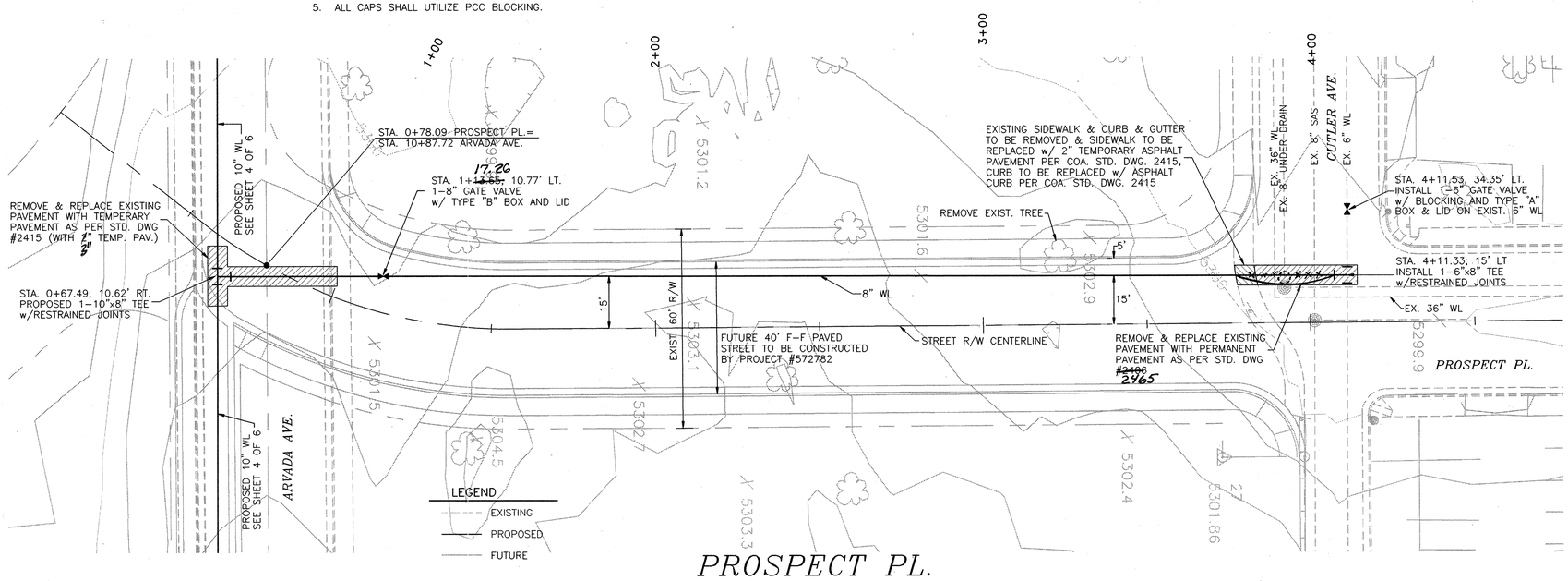
WATER SHUT OFF REQUIREMENTS

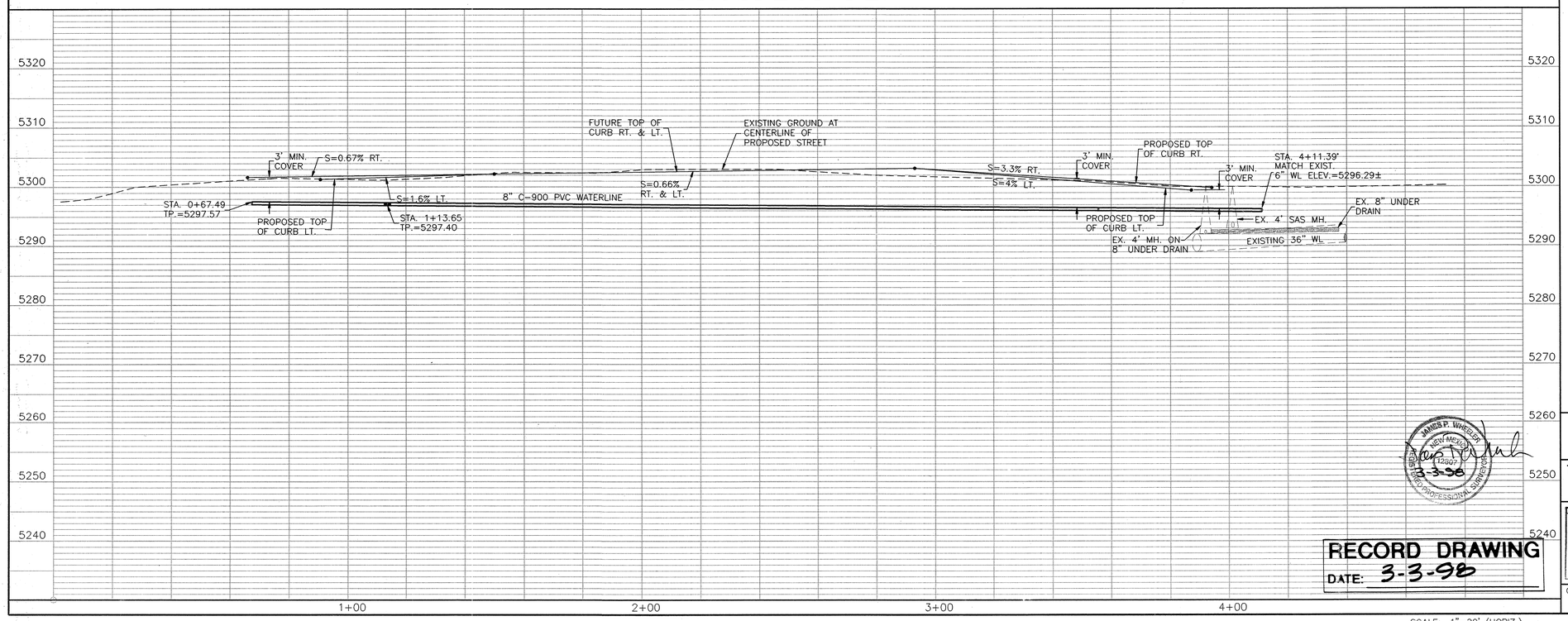
CONTRACTOR WILL BE RESPONSIBLE FOR THE TIMING AND COORDINATION OF THE WATER SHUT-OFF REQUIREMENTS IN CONJUNCTION WITH THE COMPLETION OF THE PROJECT. AT LEAST FIVE (5) WORKING DAYS PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL CONTACT PWD/WATER SYSTEMS DIVISION (857-8200) TO INITIATE IMPLEMENTATION OF THIS WATER SHUT-OFF PLAN.

WATER SHUT-OFF PLAN

FOR NON-PRESSURE CONNECTION	CLOSE VALVE(S)
EXIST. 6" IN CUTLER AVE.	1 VALVE #701
	2 VALVE #771

NOTE
SEE COA WATER FACILITIES MAP, ZONE H-19 FOR LOCATION OF VALVES 701 & 771. CONTRACTOR SHALL NOT OPERATE CITY VALVES.





RECORD DRAWING
DATE: 3-3-98

JAMES P. WHEELER NEW MEXICO 12997 REGISTERED PROFESSIONAL SURVEYOR 3-3-98

NOTES

1. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITY LOCATIONS AND NOTIFY THE ENGINEER IMMEDIATELY OF ANY DISCREPANCIES.
2. ALL CURB RETURN RADII SHALL BE 25' TO FACE OF CURB UNLESS OTHERWISE SPECIFIED.
3. ALL CURVE DATA AND DIMENSIONS REFER TO FACE OF CURB UNLESS OTHERWISE SPECIFIED.
4. GRADE ELEVATIONS, WHERE NOTED, ARE FOR TOP OF STANDARD CURB UNLESS OTHERWISE SPECIFIED. SUFFIX "R" INDICATES ROLLED CURB.
5. CONTRACTOR IS TO INSTALL A 4"x4"x5' POST AND EMD AT THE END OF EACH SANITARY SEWER SERVICE.
6. CONTRACTOR IS RESPONSIBLE FOR REPAIR AND/OR REPLACEMENT OF ALL UTILITY CONDUITS AND EXISTING LINES.
7. ANY ADDITIONAL GRADING REQUIRED TO MATCH PROPOSED STREET GRADES SHALL BE INCIDENTAL TO PAVING ITEMS.
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9. CONTRACTOR SHALL PARK EQUIPMENT AND VEHICLES AS NOT TO INTERFERE WITH NORMAL ACTIVITIES OF RESIDENTS OR OTHER CONTRACTORS ON SITE.
10. ANY DAMAGE TO THE EXISTING FACILITIES (CURB AND GUTTER, PAVEMENT, CONDUITS, LANDSCAPING, UTILITY LINES, ETC.) DURING CONSTRUCTION SHALL BE REPLACED AT THE CONTRACTORS EXPENSE.
11. REMOVAL OF THE EXISTING CURB AND GUTTER SHALL BE AS PER COA STD. DWG. 2415 (SAWCUT ONLY).
12. WHEEL CHAIR RAMPS SHALL BE CONSTRUCTED PRIOR TO ACCEPTANCE OF CURB AND GUTTER.

AS-BUILT INFORMATION

		DATE
CONTRACTOR	NCC	
WORK INSPECTOR'S	BH	DATE 2/98
ACCEPTANCE BY	BH/LCtg	DATE 3/98
VERIFICATION BY	BH	DATE 3/98
CORRECTED BY	BH	DATE 3/98
MICRO-FILM INFORMATION		
RECORDED BY		DATE
NO.		

BENCH MARKS

ACS 3-1/4" Aluminum Cap stamped "20-H18, 1989"
Geographic Position (NAD 1927)
N.M. State Plane Coordinates (Central Zone)
X = 404,802.33; Y = 1,493,092.39
$\Delta\alpha$ = -00°10'59"
NGVD 1929 Elevation = 5280.592

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL

JAMES R. TOPMILLER NEW MEXICO 9354 REGISTERED PROFESSIONAL ENGINEER
11/6/97

No.	Date	REMARKS	BY
		REVISIONS	
		DESIGN	

Designed By: BGS, TG DATE: 11/6/97
Drawn By: JAJ DATE: 11/6/97
Checked By: JRT DATE: 11/6/97

N

0 10 20 40
SCALE: 1"=20'

Bohannan ▲ Huston
Courtyard One
7500 JEFFERSON NE
Albuquerque
NEW MEXICO 87109
ENGINEERS PLANNERS PHOTOGRAMMETRISTS SURVEYORS LANDSCAPE ARCHITECTS

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE: UPTOWN LOOP ROAD IMPROVEMENTS
UTILITY PLAN & PROFILE
PROSPECT PLACE

Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.
APPROVED REC - 9 1997 DESIGN REVIEW COMMITTEE				

City Project No.	Zone Map No.	Sheet	Of
572781	H-19	6	6

SCALE: 1"=20' (HORIZ.)
1"=10' (VERT.)

FILENAME: \\BHIMAIN\97312\UTILITY.DWG SHT6
XREFS: BACKGRND.DWG, WEST ARVADA.DWG

SCANNED BY MESA REPRO

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 WORK SITE 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. ALL WORK IN ARTERIAL ROADWAYS SHALL BE ON A CONTINUOUS 24 HR. PER DAY BASIS UNTIL COMPLETED.

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 TRAVELED 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" MIN. WITH SUPER ENGINEERING GRADE SHEETING OR BETTER. MOUNTING HEIGTH AT TOP OF SIGN SHALL BE THE SAME AS FOR A 48" SIGN AS INDICATED IN THE M.U.T.C.D.

27. CONTRACTOR SHALL MAINTAIN A GRAFFITI-FREE WORKWITE. ALL GRAFFITI SHALL BE PROMPTLY REMOVED FROM ALL EQUIPMENT, BOTH PERMANENT AND TEMPORARY.

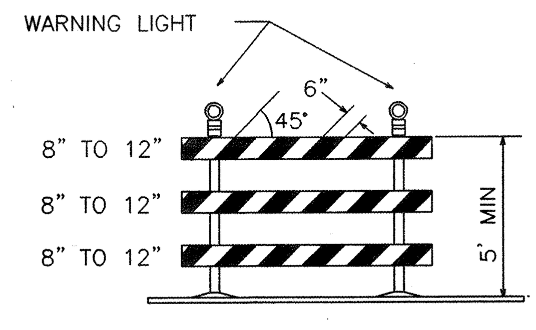
TRAFFIC CONTROL PLAN – THIS PROJECT

1. CONTRACTOR SHALL ERECT AND MAINTAIN BARRICADES AS PER THE TRAFFIC CONTROL PLAN SHEET 5 OF 6.

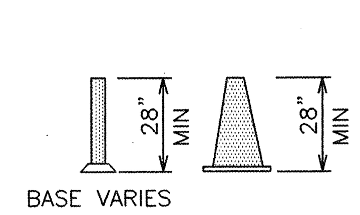
2. CONTRACTOR SHALL MAINTAIN BARRICADES FOR THE DURATION OF CONSTRUCTION ACTIVITIES.

3. IF CONSTRUCTION WORK BEGINS ON CITY PROJECT # 572782 BEFORE THIS PROJECT IS COMPLETE, BARRICADE MAINTENANCE BECOMES THE RESPONSIBILITY OF CITY PROJECT # 572782 AS SOON AS CONSTRUCTION ACTIVITIES BEGIN ON THAT PROJECT.

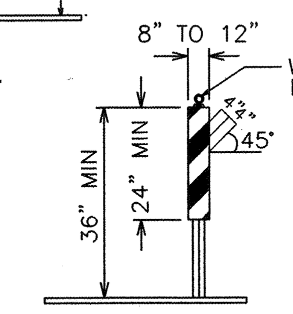
4. CONTRACTOR SHALL REMOVE BARRICADES IF THIS PROJECT IS COMPLETE PRIOR TO THE START OF CITY PROJECT # 572782.



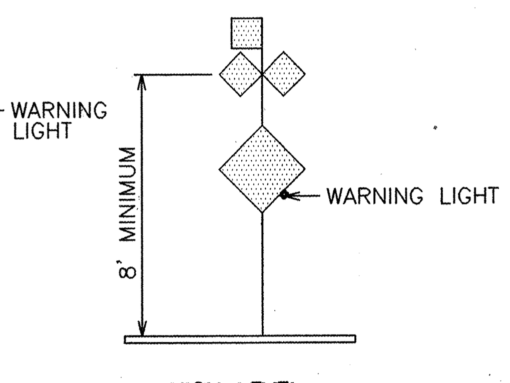
TYPE III BARRICADE



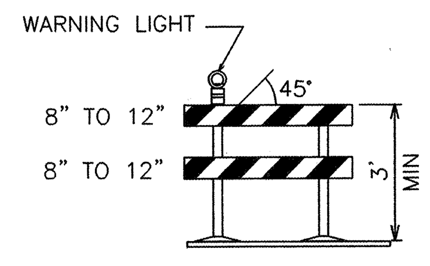
CONES



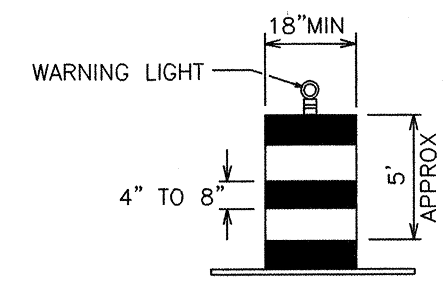
VERTICAL PANEL



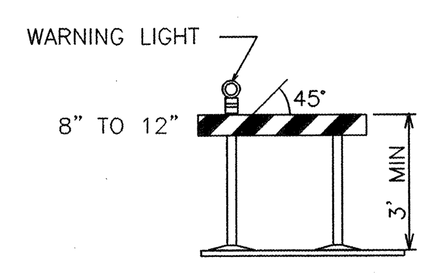
HIGH LEVEL WARNING DEVICE



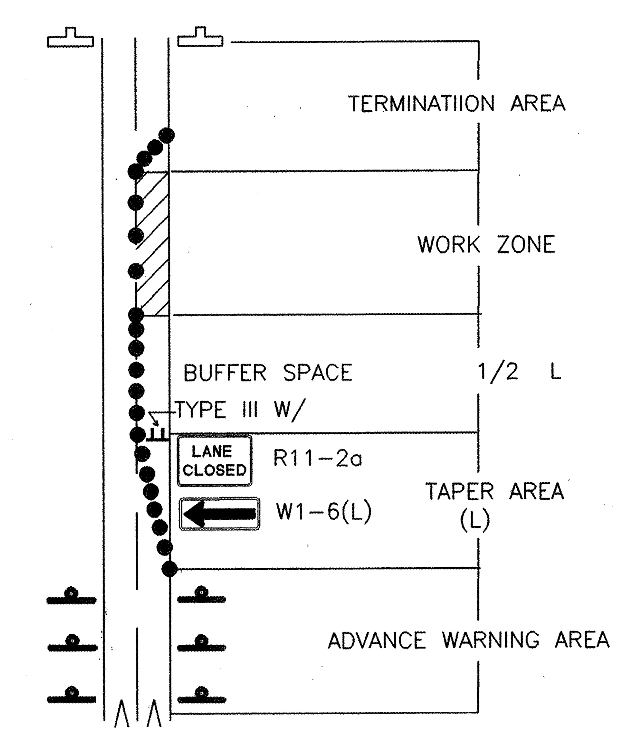
TYPE II BARRICADE COLLAPSIBLE



BARREL



TYPE I BARRICADE COLLAPSIBLE



TRAFFIC CONTROL ELEMENTS

LEGEND

- WORK AREA
- BARRICADE – TYPE I, TYPE II, OR BARREL
- BARRICADE – TYPE III
- 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 STREET LIMIT OF THE STREET
- L — TAPER LENGTH – SEE CHART BELOW

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

TAPER REQUIREMENT

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

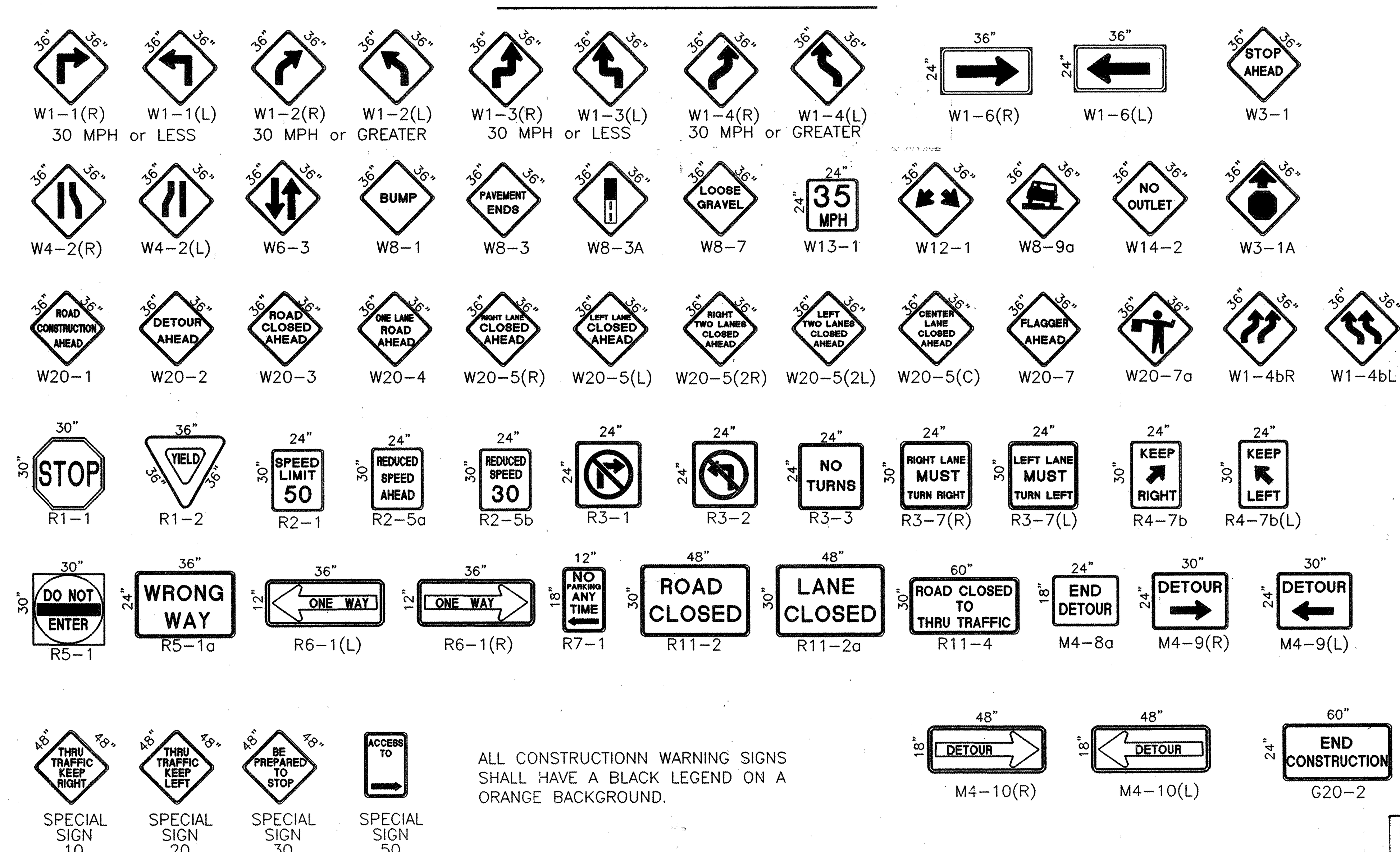
TYPE OF TAPER	TAPER LENGTH
UPSTREAM TAPER:	
MERGING TAPER	L MINIMUM
SHIFTING TAPER	1/2 L MINIMUM
SHOULDER TAPER	1/2 L MINIMUM
TWO-WAY TRAFFIC TAPER	100 FEET MAXIMUM
DOWNSTREAM TAPERS	100 FEET PER LANE

TAPER LENGTH COMPUTATION

SPEED LIMIT	
40 MPH OR LESS	$L = \frac{WS^2}{60}$
40 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 CONSTRUCTIONN WARNING SIGNS SHALL HAVE A BLACK LEGEND ON A ORANGE BACKGROUND.

RECORD DRAWING
DATE: 3-3-98

JAMES P. WHEELER NEW MEXICO 12807 REGISTERED PROFESSIONAL SURVEYOR 3-3-98

AS-BUILT INFORMATION

		DATE
CONTRACTOR	MCC	
WORK STAKED BY	BH	2/98
INSPECTOR'S ACCEPTANCE BY	BH/J. Ortega	3/98
FIELD VERIFICATION BY	BH	3/98
DRAWINGS CORRECTED BY	BH	3/98

MICRO-FILM INFORMATION

RECORDED BY | DATE | NO.

BENCH MARKS

ACS 3-1/4" Aluminum Cap stamped "20-H18,
Geographic Position (NAD 1927)
N.M. State Plane Coordinates (Central Zone)
X = 404,802.33; Y = 1,493,092.39
Δα = -00°10'59"
NGVD 1929 Elevation = 5280.592

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL

JAMES R. TOPMILLER NEW MEXICO 9354 REGISTERED PROFESSIONAL ENGINEER
11/17/97

NO.	DATE	BY	REMARKS

REVISIONS

DESIGN

DESIGNED BY COA	DATE 14-97
DRAWN BY COA	DATE 14-97
CHECKED BY COA	DATE 14-97

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE: UPTOWN LOOP ROAD IMPROVEMENTS
SIGN AND CONSTRUCTION TRAFFIC CONTROL STANDARDS

DESIGN REVIEW COMMITTEE — APPROVED — DESIGN REVIEW COMMITTEE
CITY ENGINEER APPROVAL | MO./DAY/YR. | MO./DAY/YR.
LAST DESIGN UPDATE

CITY PROJECT NO.	ZONE MAP NO.	SHEET	OF
572781	H-19	6B	6

SCANNED BY MESA REPRO