CITY OF ALBUQUERQUE
NEW MEXICO

CITY OF
Albuquerque

CONSTRUCTION PLANS FOR WILLOW WOOD UNIT 6 SUBDIVISION

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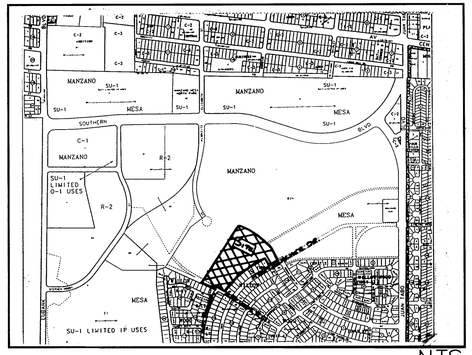

NTS

LOCATION MAP
ZONE ATLAS MAP L-21-Z

GENERAL NOTES

1. ALL WORK DETAILED ON THESE PLANS TO BE PERFORMED UNDER CONTRACT, AND UNLESS STATED OTHERWISE OR PROVIDED FOR HEREON, SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS, PUBLIC WORKS CONSTRUCTION, 1986 EDITION, UPDATE NO. 6.

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

3. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF EXISTING UTILITIES BEING CONNECTED TO AND ALL POTENTIAL OBSTRUCTIONS. SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE ENGINEER SO THAT THE CONFLICT CAN BE RESOLVED WITH A MINIMUM AMOUNT OF DELAY.

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

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

6. ALL GAS, ELECTRIC, TELEPHONE LINES, CABLES AND APPURTENANCES ENCOUNTERED DURING CONSTRUCTION THAT REQUIRE RELOCATION SHALL BE DONE BY THE RESPONSIBLE UTILITY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATION OF ALL NECESSARY UTILITY ADJUSTMENTS.

7. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PROTECT AND MAINTAIN IN SERVICE ALL EXISTING UTILITIES.

8. THE CONTRACTOR SHALL BE REQUIRED TO CONFINE HIS WORK WITHIN THE CONSTRUCTION LIMITS AND/OR PUBLIC RIGHT-OF-WAY OR EASEMENTS TO PRESERVE EXISTING VEGETATION AND PRIVATE PROPERTY. OVERNIGHT PARKING OF EQUIPMENT AND/OR STORAGE OF MATERIALS IS NOT ALLOWED EXCEPT BY PERMISSION OF PROPERTY OWNER. RESTORATION OF PRIVATE IMPROVEMENTS WILL BE AT THE CONTRACTOR'S EXPENSE.

9. A DISPOSAL SITE FOR ALL EXCESS EXCAVATION MATERIAL, ASPHALTIC PAVING, CONCRETE CURBS AND SIDEWALKS, ETC. SHALL BE OBTAINED BY THE CONTRACTOR IN COMPLIANCE WITH APPLICABLE ENVIRONMENTAL REGULATIONS AND APPROVED BY THE FIELD ENGINEER. 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.

10. WHEN ABUTTING EXISTING PAVEMENT TO NEW, SAWCUT EXISTING PAVEMENT TO A STRAIGHT EDGE AND AT A RIGHT ANGLE, OR AS APPROVED BY THE PROJECT ENGINEER. REMOVAL OF BROKEN OR CRACKED PAVEMENT WILL ALSO BE REQUIRED.

11. FIVE (5) WORKING DAYS PRIOR TO BEGINNING CONSTRUCTION, THE CONTRACTOR SHALL SUBMIT TO THE CONSTRUCTION COORDINATION DIVISION A DETAILED CONSTRUCTION SCHEDULE. TWO (2) WORKING DAYS PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL OBTAIN A BARRICADING PERMIT FROM THE CONSTRUCTION COORDINATION DIVISION. CONTRACTOR SHALL NOTIFY BARRICADE ENGINEER (768-2551) PRIOR TO OCCUPYING AN INTERSECTION. SEE SECTION 19 OF THE SPECIFICATIONS.

12. ALL FINAL BACKFILL FOR TRENCHES SHALL BE COMPACTED TO A MINIMUM 90% MAXIMUM DENSITY PER ASTM D-1557 AND AS DIRECTED BY SECTION 701.14.2 AND STANDARD DRAWING NUMBER 2315.

13. CONTRACTOR SHALL SUBMIT A REVEGETATION PLAN TO ENGINEER FOR PRIOR APPROVAL.

14. CONTRACTOR SHALL NOTIFY THE ENGINEER NOT LESS THEN SEVEN (7) DAYS PRIOR TO STARTING WORK IN ORDER THAT THE ENGINEER MAY TAKE NECESSARY MEASURES TO INSURE THE PRESERVATION OF SURVEY MONUMENTS. CONTRACTOR SHALL NOT DISTURB PERMANENT SURVEY MONUMENTS WITHOUT THE CONSENT OF THE ENGINEER AND SHALL NOTIFY THE ENGINEER 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 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 GENERAL CONDITIONS OF THE STANDARD SPECIFICATIONS.

15. ANY WORK OCCURRING WITHIN AN ARTERIAL ROADWAY REQUIRES TWENTY-FOUR (24) HOURS CONSTRUCTION.

16. ALL STREET STRIPING ALTERED OR DESTROYED SHALL BE REPLACED WITH PLASTIC REFLECTORIZED PAVEMENT MARKINGS BY CONTRACTOR TO LOCATION AS EXISTING OR AS INDICATED BY THIS PLAN SET.

REV.	SHEETS	CITY ENGINEER	DATE	USER DEPARTMENT	DATE	USER DEPARTMENT	DATE
1	6a, 7a, 7b		6-17-98		6-17-98		6/11/98
2	8a, 8b, 9b		6/3/98		6-4-98		6/11/98

ENGINEERS STAMP & SIGNATURE	APPROVALS	ENGINEER	DATE
12-31-97 1-20-98 2-5-98	DRC Chairman		3-26-98
	Transportation		2-27-98
	Water/Wastewater	R.W. Kane	1-13-98
	Hydrology		1-13-98
	Parks		
	Constr. Mngmt.		
	Constr. Coord.		3-17-98

APPROVED FOR CONSTRUCTION

5-08-98
City Engineer Date

PROJECT NO. 4604.96

SHEET 1 OF 13

AVID ENGINEERING, INC.
Civil • Structural • Transportation
5801 Osuna Rd. NE – Suite 200
Albuquerque, NM 87109 – (505) 881-5357

DRB NO. 97-393

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SCANNED BY
BY LASON

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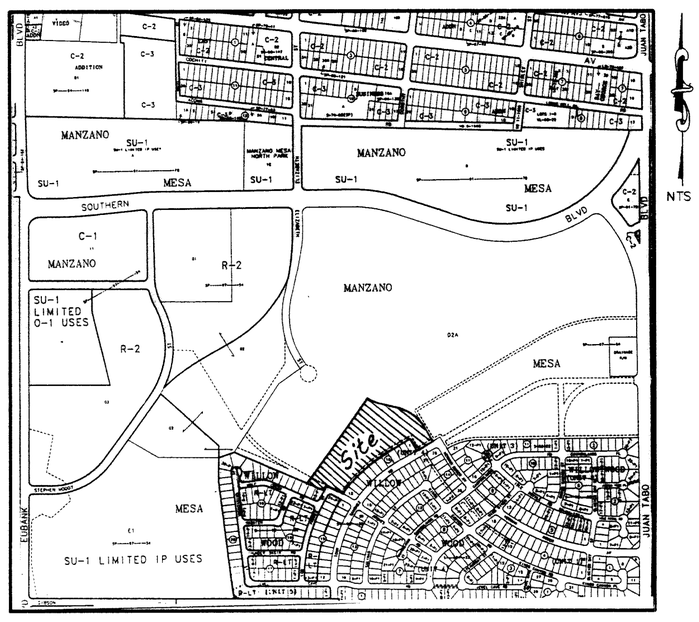

VICINITY MAP

ZONE ATLAS MAP NO. L-21-Z

REPLAT DATA

1. DRB Case No. _____
2. Zone Atlas Index No. L-21-Z
3. Gross Replat Acreage: 6.9533 Ac.±.
4. Total Mileage of Full Width Streets Created: 0.170 Miles.
5. Date of Survey: August 1997.

NOTES

1. Bearings are New Mexico State Plane Grid Bearings (CENTRAL ZONE).
   Basis of Bearing: S82°28'20"E Between ACS Monuments "6-L21" and "1-L21(R)".
2. Distances are ground distances.
3. Centerline (in lieu of R/W) monumentation to be installled at all centerline PC's, PT's, angle points and street intersections as shown hereon, and will consist of a standard four inch (4") aluminum alloy cap stamped "City of Albuquerque, Centerline Monument, Do Not Disturb, NMPS 11462", shown hereon by ▲
3. △ Denotes found City of Albuquerque Control Survey Monument.
4. ● Denotes found property corner, see Sheet 2 of 2 for descripton.
5. ◉ Denotes rebar w/ cap "AVID ENG. INC. NMPS 11462" set.
6. All Lots marked "P1" shall meet the Off-Street Parking criteria of the City of Albuquerque Comprehensive Zoning Code.

PURPOSE OF REPLAT

1. SUBDIVIDE TRACT D-2-A-2, MANZANO MESA INTO WILLOW WOOD UNIT 6 SUBDIVISION CONTAINING 37 LOTS.
2. DEDICATE PUBLIC ROADWAY RIGHT-OF-WAY.
3. GRANT ALL PUBLIC EASEMENTS SHOWN HEREON.
4. VACATE PRIVATE DRAINAGE EASEMENTS SHOWN HEREON, VACATION ACTION No. V-97-101.

DOCUMENTS USED TO DETERMINE BOUNDARY

1. PLAT ENTITLED "PLAT OF TRACTS D-2-A-1 & D-2-A-2 MANZANO MESA" FILED: _____ VOL. _____, FOLIO _____.

DESCRIPTION

A certain tract of land situate within Section 28, Township 10 North, Range 4 East, New Mexico Principal Meridian, Bernalillo County, New Mexico, being Tract D-2-A-2, Manzano Mesa, as the same is shown and designated on the plat entitiled "PLAT OF TRACTS D-2-A-1 AND D-2-A-2 MANZANO MESA" as filed for record in the Office of the County Clerk of Bernalillo County on 199 , in Volume C, Folio , and being more particularly described by New Mexico State Plane Grid bearings and ground distances as follows:

Beginning at a point being the northeast corner of said Tract D-2-A-2, whence the City of Albuquerque Control Survey Monument "1-L21(R) bears N29°02'04"E a distance of 3558.67 feet,

thence S60°20'56"W along the boundary line between said Tract D-2-A-2 and the northerly right-of-way line of Tony Sanchez Drive S.E., a distance of 160.00 feet to a point;

thence N29°39'04" W along the boundary line between said Tract D-2-A-2 and Willow Wood Unit 4, filed August 16, 1994, in Volume 94C, Folio 268, a distance of 115.00 feet to a point;

thence S60°20'56"W continuing along said boundary line, a distance of 187.60 feet to a point of curvature;

thence continuing along said boundary line 543.26 feet along the arc of a curve to the left, radius = 1245.00 feet, delta = 25°00'04", chord = S47°50'54"W a distance of 538.96 feet to a point being the southeast corner of said Tract D-2-A-2;

thence N59°39'04"W along the boundary line between said Tract D-2-A-2 and the northerly right-of-way line of Arches Road S.E., a distance of 148.00 feet to a point;

thence S30°20'56"W continuing along said boundary line, a distance of 52.36 feet to a point;

thence N65°30'35"W along the boundary line between said Tract D-2-A-2 and Willow Wood Unit 5, filed July 18, 1996, in Volume 96C, Folio 317, a distance of 139.87 feet to a point being the southwest corner of said Tract D-2-A-2;

thence N40°57'47"E along the boundary line between said Tract D-2-A-2 and Tract D-2-A-1, Manzano Mesa, filed , 199 , in Volume C, Folio , a distance of 839.88 feet to a point being the northwest corner of said Tract D-2-A-2;

thence continuing along said boundary line 104.75 feet along the arc of a curve to the left, radius = 869.84 feet, delta = 06°54'00", chord = S87°46'45"E a distance of 104.69 feet to a point of reverse curvature;

thence contining along said boundary 397.65 feet along the arc of a curve to the right, radius = 370.00 feet, delta = 61°34'41", chord =S60°26'24"E a distance of 378.79 to a point of tangency;

thence S29°39'04"E continuing along said boundary line, a distance of 111.79 feet to the point and place of beginning, containing 6.9533 acres more or less.

OWNER'S FREE CONSENT

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

Charles A. Haegelin, President, Curb Inc., General Partner — Date

STATE OF NEW MEXICO)
) SS
COUNTY OF BERNALILLO)

This Instrument was Acknowledged before me on _____, 1997.

_____
Notary Public

SUBDIVISION PLAT FOR
WILLOW WOOD UNIT 6

Bernalillo County
Albuquerque, New Mexico
November 1997

APPROVED AND ACCEPTED BY

Subdivision Case No. _____

Planning Director, City of Albuquerque, N.M.	Date
City Engineer, City of Albuquerque, N.M.	Date
Albuquerque Metropolitan Arroyo Flood Control Authority	Date
Traffic Div., City of Albuquerque, N.M.	Date
Water Utilities Dept., City of Albuquerque, N.M.	Date
Parks and General Services, City of Albuquerque, N.M.	Date
City Surveyor, City of Albuquerque, N.M.	Date
Property Management, City of Albuquerque, N.M.	Date
County Treasurer, Bernalillo County, N.M.	Date
PNM Gas Services Division	Date
PNM Electric Services Division	Date
U.S. West Telecommunications	Date
Jones Intercable, Inc.	Date

SURVEYOR'S CERTIFICATION

I, Ruan S. Bacigalupa, a duly qualified Registered Professional Land Surveyor under the laws of the State of New Mexico, do hereby certify that this plat was prepared by me or under my supervision, from an actual field survey performed under my direction, and meets the minimum requirements for monumentation and surveys of the Albuquerque Subdivsion Ordinance, and further meets the Minimum Standards for Land Surveying in the State of New Mexico (Effective Februcry 2, 1994), and that interior lot corners will be set in accordance with said minimum standards.

Ruan S. Bacigalupa, N.M.P.S. 11462 — Date
AVID Engineering, Inc.
5801 Osuna Rd. NE - Suite 200
Albuquerque, New Mexico, 87109

INDEXING INFORMATION FOR COUNTY CLERK

OWNER:	MANZANO MESA LIMITED PARTNERSHIP
SECTION:	Sec. 28, T.10N., R.4E.
SUBDIVISION:	WILLOW WOOD

DATE: NOVEMBER 1997
AVID JOB No. 6076.1.473

AVID ENGINEERING, INC.
Civil • Structural • Transportation
5801 Osuna Rd. NE - Suite 200
Albuquerque, NM 87109 - (505) 881-5357

SHEET 1 OF 2

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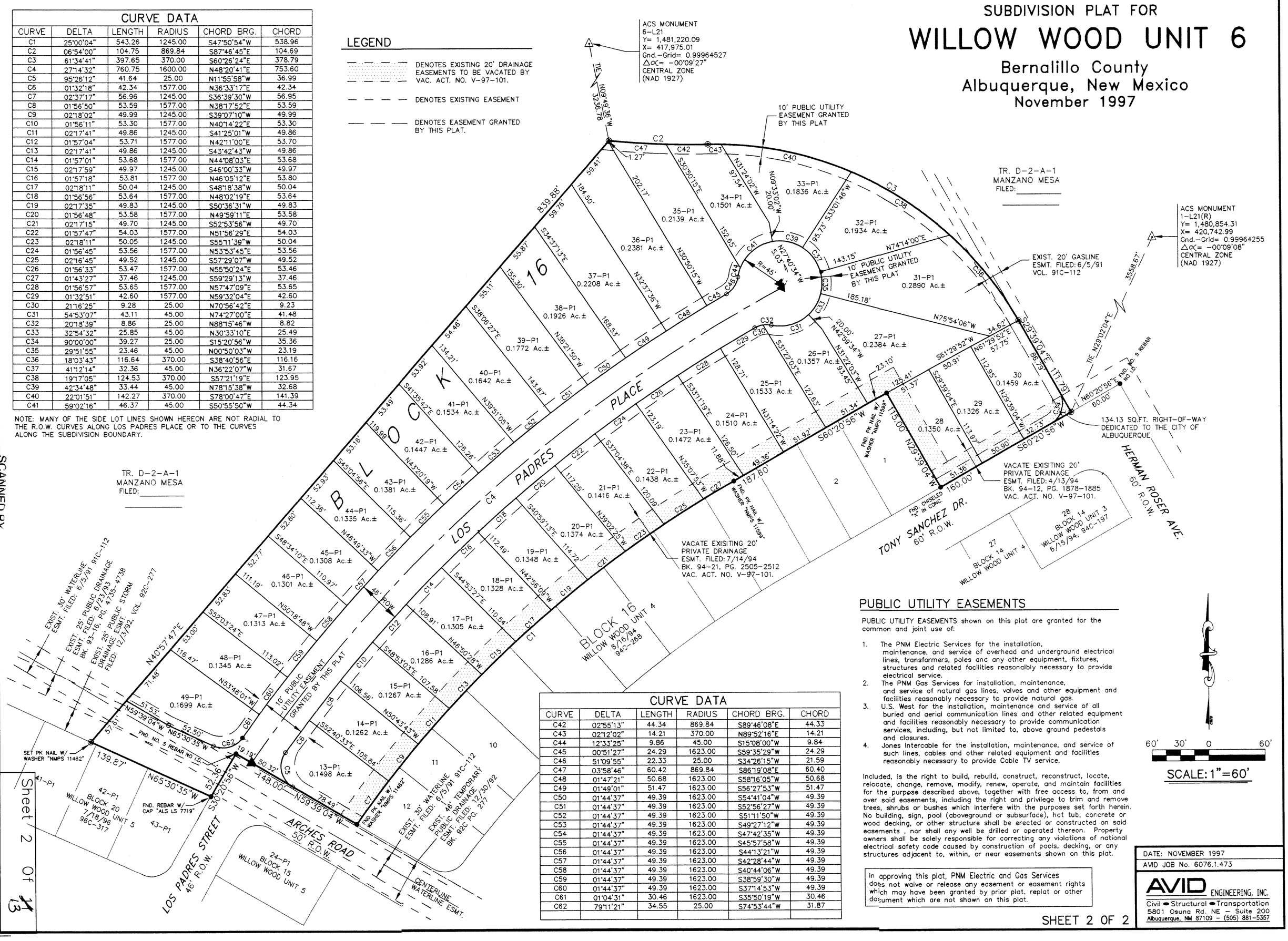
SCANNED BY LASON

CURVE DATA					
CURVE	DELTA	LENGTH	RADIUS	CHORD BRG.	CHORD
C1	25°00'04"	543.26	1245.00	S47°50'54"W	538.96
C2	06°54'00"	104.75	869.84	S87°46'45"E	104.69
C3	61°34'41"	397.65	370.00	S60°26'24"E	378.79
C4	27°14'32"	760.75	1600.00	N48°20'41"E	753.60
C5	95°26'12"	41.64	25.00	N11°55'58"W	36.99
C6	01°32'18"	42.34	1577.00	N36°33'17"E	42.34
C7	02°37'17"	56.96	1245.00	S36°39'30"W	56.95
C8	01°56'50"	53.59	1577.00	N38°17'52"E	53.59
C9	02°18'02"	49.99	1245.00	S39°07'10"W	49.99
C10	01°56'11"	53.30	1577.00	N40°14'22"E	53.30
C11	02°17'41"	49.86	1245.00	S41°25'01"W	49.86
C12	01°57'04"	53.71	1577.00	N42°11'00"E	53.70
C13	02°17'41"	49.86	1245.00	S43°42'43"W	49.86
C14	01°57'01"	53.68	1577.00	N44°08'03"E	53.68
C15	02°17'59"	49.97	1245.00	S46°00'33"W	49.97
C16	01°57'18"	53.81	1577.00	N46°05'12"E	53.80
C17	02°18'11"	50.04	1245.00	S48°18'38"W	50.04
C18	01°56'56"	53.64	1577.00	N48°02'19"E	53.64
C19	02°17'35"	49.83	1245.00	S50°36'31"W	49.83
C20	01°56'48"	53.58	1577.00	N49°59'11"E	53.58
C21	02°17'15"	49.70	1245.00	S52°53'56"W	49.70
C22	01°57'47"	54.03	1577.00	N51°56'29"E	54.03
C23	02°18'11"	50.05	1245.00	S55°11'39"W	50.04
C24	01°56'45"	53.56	1577.00	N53°53'45"E	53.56
C25	02°16'45"	49.52	1245.00	S57°29'07"W	49.52
C26	01°56'33"	53.47	1577.00	N55°50'24"E	53.46
C27	01°43'27"	37.46	1245.00	S59°29'13"W	37.46
C28	01°56'57"	53.65	1577.00	N57°47'09"E	53.65
C29	01°32'51"	42.60	1577.00	N59°32'04"E	42.60
C30	21°16'25"	9.28	25.00	N70°56'42"E	9.23
C31	54°53'07"	43.11	45.00	N74°27'00"E	41.48
C32	20°18'39"	8.86	25.00	N88°15'46"W	8.82
C33	32°54'32"	25.85	45.00	N30°33'10"E	25.49
C34	90°00'00"	39.27	25.00	S15°20'56"W	35.36
C35	29°51'55"	23.46	45.00	N00°50'03"W	23.19
C36	18°03'43"	116.64	370.00	S38°40'56"E	116.16
C37	41°12'14"	32.36	45.00	N36°22'07"W	31.67
C38	19°17'05"	124.53	370.00	S57°21'19"E	123.95
C39	42°34'48"	33.44	45.00	N78°15'38"W	32.68
C40	22°01'51"	142.27	370.00	S78°00'47"E	141.39
C41	59°02'16"	46.37	45.00	S50°55'50"W	44.34

NOTE: MANY OF THE SIDE LOT LINES SHOWN HEREON ARE NOT RADIAL TO THE R.O.W. CURVES ALONG LOS PADRES PLACE OR TO THE CURVES ALONG THE SUBDIVISION BOUNDARY.

LEGEND

- DENOTES EXISTING 20' DRAINAGE EASEMENTS TO BE VACATED BY VAC. ACT. NO. V-97-101.
- DENOTES EXISTING EASEMENT
- DENOTES EASEMENT GRANTED BY THIS PLAT.



CURVE DATA					
CURVE	DELTA	LENGTH	RADIUS	CHORD BRG.	CHORD
C42	02°55'13"	44.34	869.84	S89°46'08"E	44.33
C43	02°12'02"	14.21	370.00	N89°52'16"E	14.21
C44	12°33'25"	9.86	45.00	S15°08'00"W	9.84
C45	00°51'27"	24.29	1623.00	S59°35'29"W	24.29
C46	51°09'55"	22.33	25.00	S34°26'15"W	21.59
C47	03°58'46"	60.42	869.84	S86°19'08"E	60.40
C48	01°47'21"	50.68	1623.00	S58°16'05"W	50.68
C49	01°49'01"	51.47	1623.00	S56°27'53"W	51.47
C50	01°44'37"	49.39	1623.00	S54°41'04"W	49.39
C51	01°44'37"	49.39	1623.00	S52°56'27"W	49.39
C52	01°44'37"	49.39	1623.00	S51°11'50"W	49.39
C53	01°44'37"	49.39	1623.00	S49°27'12"W	49.39
C54	01°44'37"	49.39	1623.00	S47°42'35"W	49.39
C55	01°44'37"	49.39	1623.00	S45°57'58"W	49.39
C56	01°44'37"	49.39	1623.00	S44°13'21"W	49.39
C57	01°44'37"	49.39	1623.00	S42°28'44"W	49.39
C58	01°44'37"	49.39	1623.00	S40°44'06"W	49.39
C59	01°44'37"	49.39	1623.00	S38°59'30"W	49.39
C60	01°44'37"	49.39	1623.00	S37°14'53"W	49.39
C61	01°04'31"	30.46	1623.00	S35°50'19"W	30.46
C62	79°11'21"	34.55	25.00	S74°53'44"W	31.87

PUBLIC UTILITY EASEMENTS

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

1. The PNM Electric Services for the installation, maintenance, and service of overhead and underground electrical lines, transformers, poles and any other equipment, fixtures, structures and related facilities reasonalbly necessary to provide electrical service.
2. The PNM 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 purpose described above, together with free access to, from and over said easements, including 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 decking, or other structure shall be erected or constructed on said easements , nor shall any well be drilled or operated thereon. Property owners shall be solely responsible for correcting any violations of national electrical safety code caused by construction of pools, decking, or any structures adjacent to, within, or near easements shown on this plat.

In approving this plat, PNM Electric and Gas Services does not waive or release any easement or easement rights which may have been granted by prior plat, replat or other document which are not shown on this plat.

60' 30' 0 60'

SCALE: 1"=60'

DATE: NOVEMBER 1997
AVID JOB No. 6076.1.473

AVID ENGINEERING, INC.
Civil • Structural • Transportation
5801 Osuna Rd. NE - Suite 200
Albuquerque, NM 87109 - (505) 881-5357

SHEET 2 OF 2

Sheet 2 Of 13

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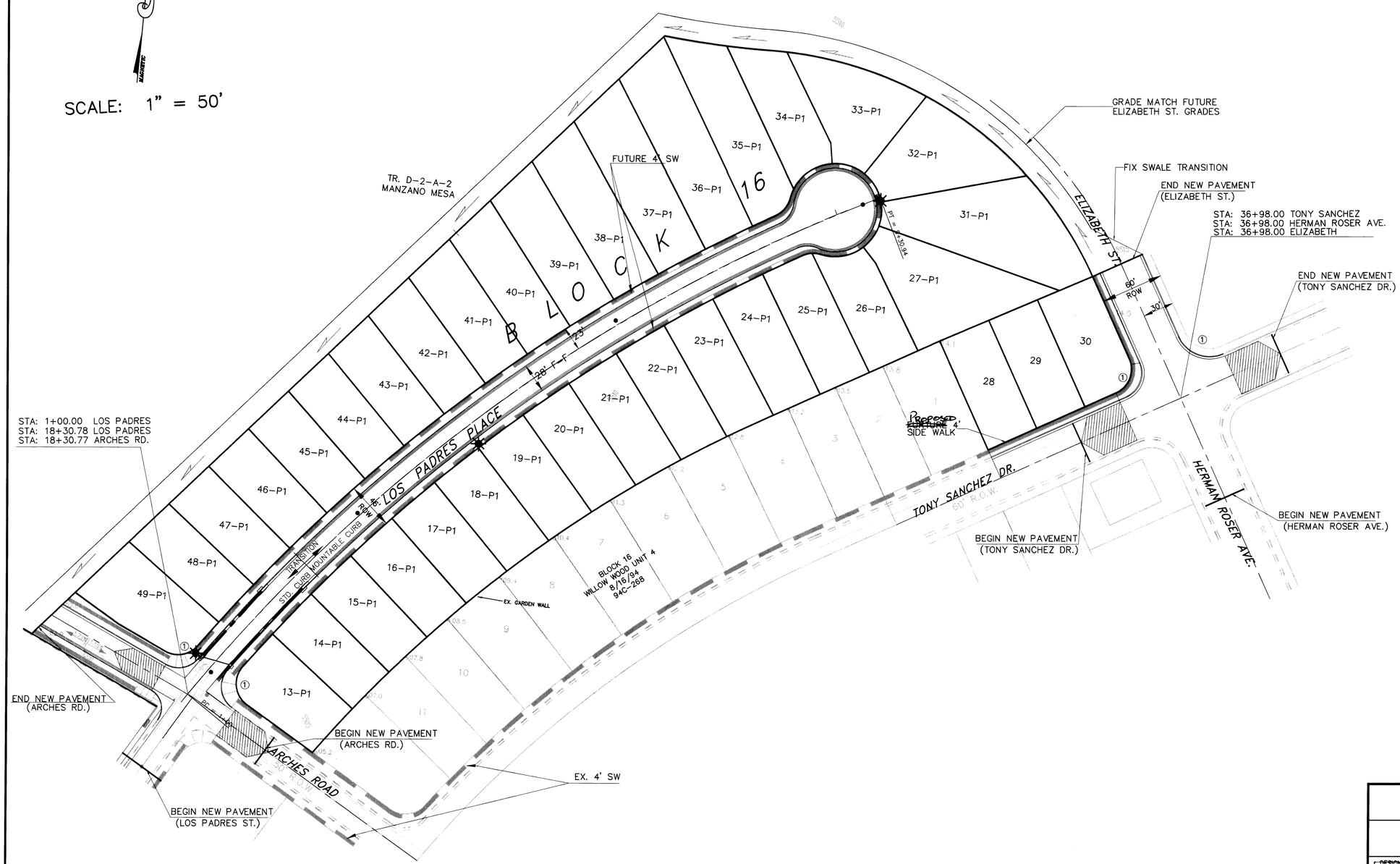
SCALE: 1" = 50'



GENERAL NOTES:

1. ALL STATION AND OFFSET DIMENSIONS ARE BASED ON CENTERLINE OF RIGHT-OF-WAY.
2. ALL ELEVATIONS ARE FLOWLINE UNLESS OTHERWISE NOTED.
3. ALL SIDEWALKS TO BE CONSTRUCTED IN THIS PROJECT ARE SHOWN AS SOLID DILUTED LINES.
4. ALL SIDEWALKS TO BE CONSTRUCTED BY OTHERS ARE SHOWN AS DASHED DILUTED LINES.

KEYED NOTES

① CONSTRUCT WHEELCHAIR RAMPS PER COA DWG. 2441, TYPE II.

LOS PADRES PLACE

CURB CURVE DATA

CURVE	DELTA	RADIUS	LENGTH	TANGENT
CR1	79°31'14"	25.00'	34.70'	20.80'
CR2	25°52'28"	1614.00'	728.87'	370.76'
CR3	37°41'49"	25.00'	16.45'	8.53'
CR4	285°40'08"	40.00'	209.41'	–
CR5	68°44'52"	25.00'	30.00'	17.10'
CR6	24°38'48"	1586.00'	682.24'	346.48'
CR7	95°04'22"	25.00'	41.48'	27.32'
CR8	95°51'31"	25.00	41.83'	27.70'

CENTERLINE CURVE DATA

CURVE	DELTA	RADIUS	LENGTH	TANGENT
CL1	28°30'50"	1600.00'	796.26'	406.56'

TANGENT DATA

TANGENT	BEARING	DISTANCE
T1	S65°30'35"E	119.11'
T2	S65°30'35"E	115.66'

LEGEND

- CENTERLINE OF STREET
- EXISTING CURB & GUTTER
- FUTURE CURB & GUTTER
- PROPOSED STANDARD CURB & GUTTER
- PROPOSED MOUNTABLE CURB & GUTTER
- PROPOSED WHEELCHAIR RAMP
- PROPOSED CONCRETE VALLEY GUTTER
- TRANSITION SECTION FROM FULL CROWN TO NO CROWN SECTION (MINIMUM 50' TRANSITION) SEE CITY STD. DWG. ~~2437~~ 2401
- PROPOSED MANHOLE
- PROPOSED STREET LIGHT LOCATION
- EXISTING WATER VALVES
- EXISTING MANHOLE
- PROPOSED WATER VALVE
- PROPOSED STORM INLET
- PROPOSED FIRE HYDRANT
- PROPOSED DEFERRED 4' SIDEWALK
- PROPOSED 4' SIDEWALK

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

THE STATION MARK IS A STANDARD ACS BRASS TABLET, STAMPED "1-L21 RESET 1974", LOCATED 7.8 MILES EAST OF DOWNTOWN ALBUQUERQUE, AT THE INTERSECTION OF CENTRAL AVE. AND JUAN TABO BLVD. THE STATION IS ON THE MEDIAN STRIP OF CENTRAL AVE., 81' WEST OF CENTERLINE OF JUAN TABO BLVD. AND FLUSH WITH THE CURB. SLD ELEV. 5534.63

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL

NO.	DATE	REMARKS	BY

DESIGN

DESIGNED BY DATE
DRAWN BY DATE
CHECKED BY DATE

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
TRANSPORTATION DEVELOPMENT

OVERALL PAVING PLAN
WILLOW WOOD UNIT 6 SUBDIVISION

DESIGN REVIEW COMMITTEE
MAR 26 1998
REVISION

~~DEPARTMENT APPROVAL~~
APPROVED
~~MAY~~ 8 1998
CITY ENGINEER

NO./DAY/YR.	NO./DAY/YR.

City Project No.	Zone Map No.	Sheet 3 Of 11/13
4604.96	L-21-Z	

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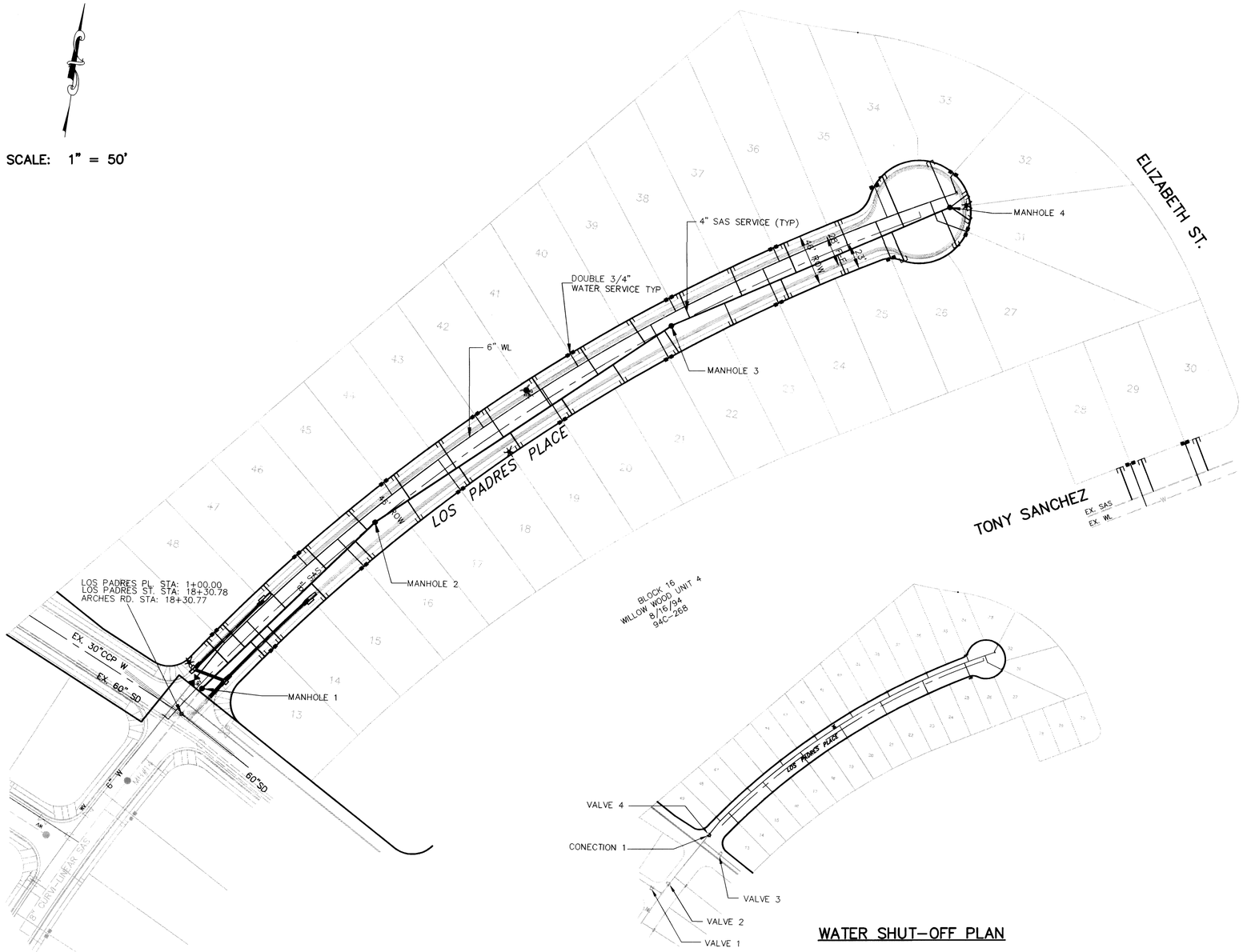
SCANNED BY
BY LASON

SCALE: 1" = 50'



WATER SHUT-OFF PLAN

UTILITY NOTES

1.) STATIONING ALONG ℄ OF STREET UNLESS OTHERWISE NOTED.

2.) SANITARY SEWER LINE LENGTHS COMPUTED FROM MH ℄ TO MH ℄.

3.) SLOPES ARE COMPUTED INVERT TO INVERT. MH RIM ELEVATIONS GIVEN ARE APPROXIMATE. CONTRACTOR SHALL ADJUST ALL RIMS TO FINAL GRADE.

4.) CONTRACTOR IS RESPONSIBLE FOR COORDINATION WITH UTILITY COMPANIES.

5.) CONTRACTOR SHALL VERIFY ALL EXISITING UTILITIES AND UTILITY CONNECTIONS PRIOR TO BEGINNING CONSTRUCTION. SHOULD A CONFLICT EXIST OR DESIGN REVISIONS BE REQUIRED FOR ANY REASON, THE CONTRACTOR SHALL NOTIFY THE ENGINEER AND ALLOW SUFFICIENT TIME FOR DESIGN REVISIONS SO AS TO NOT DELAY THE CONSTRUCTION SCHEDULE.

6) REFER TO CITY OF ABQ. STANDARD DRAWINGS FOR WATER & SANITARY SEWER CONSTRUCTION.

WATER SHUT-OFF PLAN REQUIREMENTS

CONTRACTOR WILL BE RESPONSIBLE FOR THE TIMING AND COORDINATION OF THE WATER SHUT-OFF REQUIREMENTS IN CONJUNCTION WITH THE COMPLETION OF THIS 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.

ALL NEW WATERLINE/FIRE HYDRANT INSTALLATIONS MUST BE FLUSHED PRIOR TO BACKFILLING OF LINES.

WATER SHUT-OFF PLAN

CONNECTION	CLOSE VALVES
LOS PADRES PL. NON-PRESSURE CONNECTION	2, 3 (SEE DETAIL,THIS SHEET)

LEGEND

- EXISTING WATERLINE
- EXISTING STORM DRAIN
- EXISTING SANITARY SEWER
- EXISTING MANHOLE
- EXISTING FIRE HYDRANT
- EXISTING GATE VALVE
- PROPOSED WATERLINE
- PROPOSED STORM DRAIN
- PROPOSED SANITARY SEWER
- PROPOSED MANHOLE
- PROPOSED FIRE HYDRANT
- PROPOSED GATE VALVE
- PROPOSED CAP OR PLUG
- PROPOSED SINGLE METER, WATER SERVICE LINE
- PROPOSED DOUBLE METER, WATER SERVICE LINES
- PROPOSED SANITARY SEWER SERVICE LINE
- PROPOSED CROSS, TEE, OR ELBOW
- STORM INLETS
- STREET LIGHT

AS BUILT INFORMATION

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

BENCH MARKS

THE STATION MARK IS A STANDARD ACS BRASS TABLET, STAMPED "1-L21 RESET 1974", LOCATED 7.8 MILES EAST OF DOWNTOWN ALBUQUERQUE, AT THE INTERSECTION OF CENTRAL AVE. AND JUAN TABO BLVD. THE STATION IS ON THE MEDIAN STRIP OF CENTRAL AVE., 81' WEST OF CENTERLINE OF JUAN TABO BLVD. AND FLUSH WITH THE CURB. SLD ELEV. 5534.63

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL

NO.	DATE	REMARKS	BY

DESIGN

DESIGNED BY DATE
DRAWN BY DATE
CHECKED BY DATE

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
TRANSPORTATION DEVELOPMENT

OVERALL UTILITY PLAN
WILLOW WOOD UNIT 6 SUBDIVISION

DESIGN REVIEW COMMITTEE: MAR 26 1998

CITY ENGINEER APPROVAL: APPROVED MAY - 8 1998 CITY ENGINEER

MO./DAY/YR. | MO./DAY/YR.

City Project No. 4604.96 | Zone Map No. L-21-Z | Sheet 4 Of 11 13

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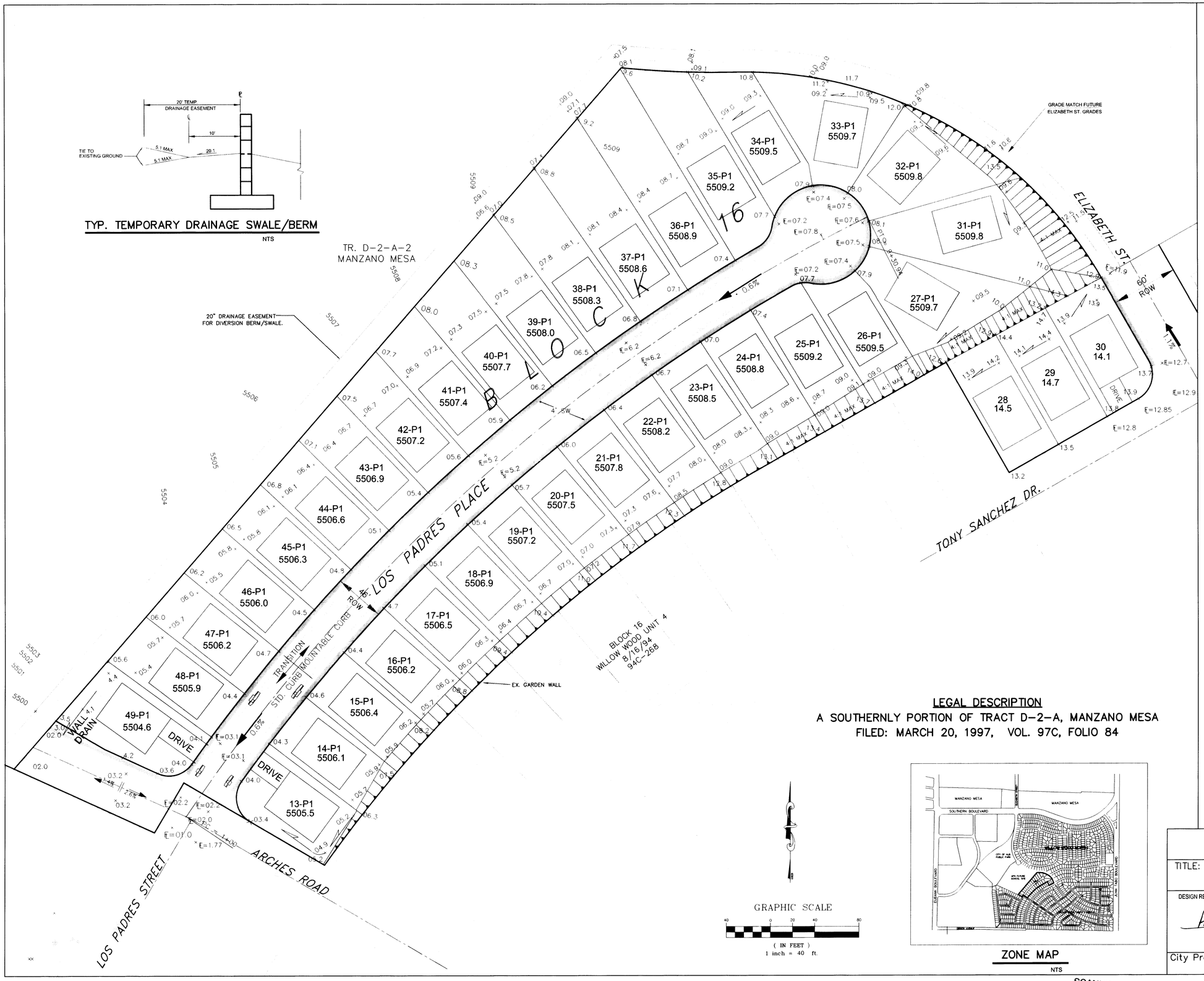
TYP. TEMPORARY DRAINAGE SWALE/BERM

NTS



LEGEND

DIRECTION OF SURFACE FLOW	0.6%
EXISTING GARDEN WALL	
EXISTING TOPO	
STANDARD C & G	
MOUNTABLE C & G	
EXISTING CURB & GUTTER	
PROPOSED ELEVATION	09.2
EXISTING ELEVATION	
WATER BLOCK	1.6% 1.0%
BACKYARD SLOPE	4:1 MAX SLOPE UNLESS OTHERWISE NOTED
PROPOSED MANHOLES	
PROPOSED BUILDING PAD ELEVATION	15-P1 06.1

NOTES:

1) ALL ELEVATIONS SHOWN ARE MEAN SEA LEVEL (MSL)
2) TRUNCATED ELEVEATIONS: ADD 5500.00 MSL
3) ALL BACKYARD SLOPES ARE 4:1 UNLESS OTHERWISE NOTED

LEGAL DESCRIPTION

A SOUTHERNLY PORTION OF TRACT D-2-A, MANZANO MESA
FILED: MARCH 20, 1997, VOL. 97C, FOLIO 84

GRAPHIC SCALE

(IN FEET)
1 inch = 40 ft.

ZONE MAP

NTS

AS BUILT INFORMATION

CONTRACTOR — DATE
WORK STAKED BY — DATE
FIELD VERIFICATION BY — DATE
ACCEPTANCE BY — DATE
FINAL LOCATION BY — DATE
DRAWINGS CORRECTED BY — DATE
MICRO-FILM INFORMATION
REF. — DAT
TAG

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SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL

DAVID BALTIMORE NEW MEXICO 9768

12-31-97

NO.	DATE	REMARKS	BY

DESIGN

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

AVID ENGINEERING, INC.
Civil • Structural • Transportation
5801 Osuna Rd. NE – Suite 200
Albuquerque, NM 87109 – (505) 881-5357

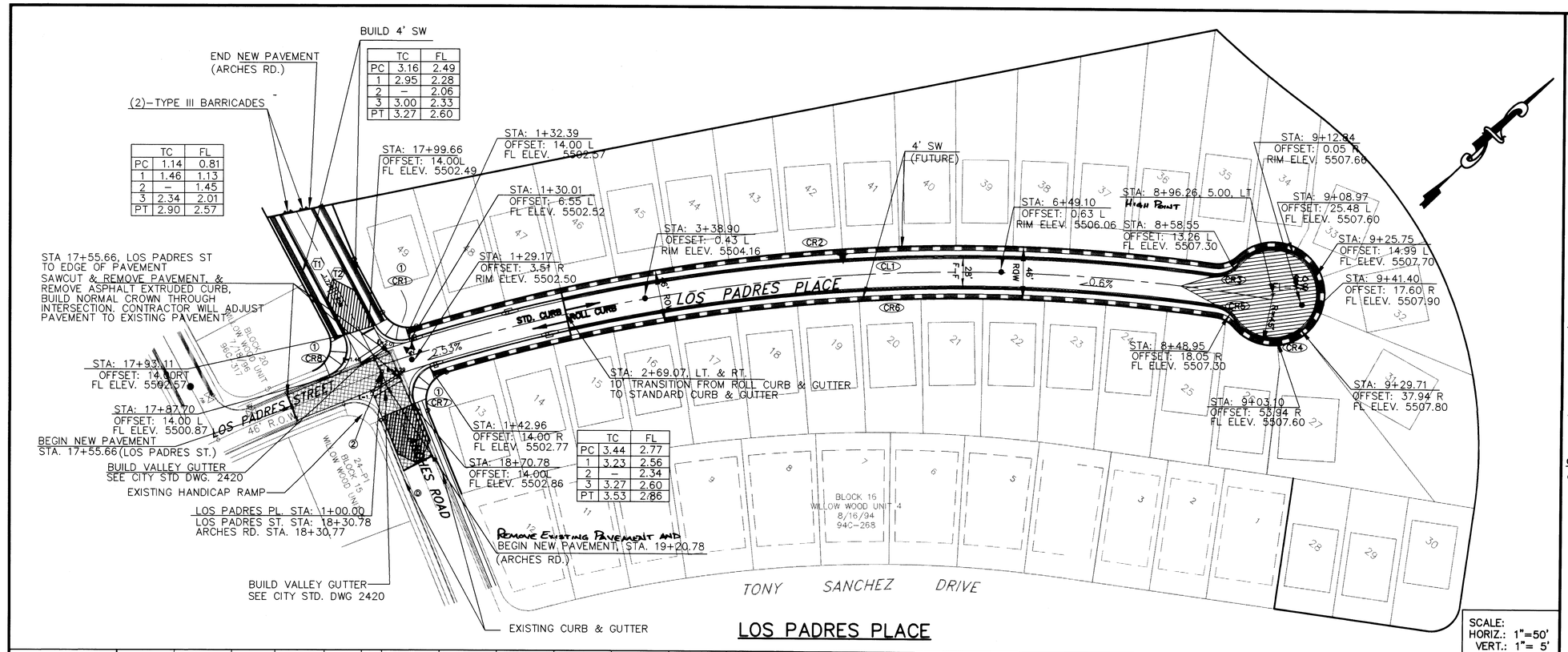
CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
TRANSPORTATION DEVELOPMENT

TITLE: WILLOW WOOD UNIT 6
GRADING AND DRAINAGE PLAN

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	MO./DAY/YR.	MO./DAY/YR.
Approved @ DRB			

City Project No.	Zone Map No.	Sheet	Of
	L-21-Z	5	11 13

SCANNED BY
BY LASON



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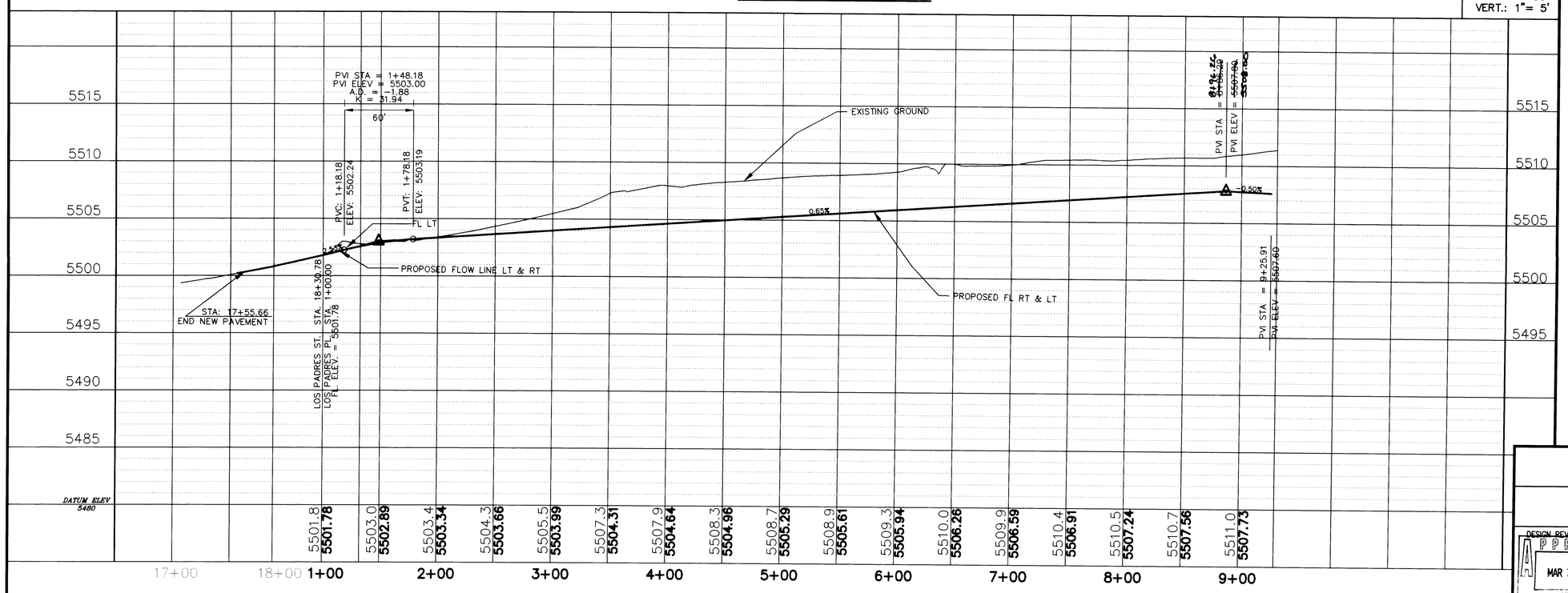
2	–	1.45
3	2.34	2.01
PT	2.90	2.57

	TC	FL
PC	3.16	2.49
1	2.95	2.28
2	–	2.06
3	3.00	2.33
PT	3.27	2.60

	TC	FL
PC	3.44	2.77
1	3.23	2.56
2	–	2.34
3	3.27	2.60
PT	3.53	2.86

LOS PADRES PLACE



GENERAL NOTES:

1. ALL STATION AND OFFSET DIMENSIONS ARE BASED ON CENTERLINE OF RIGHT-OF-WAY.
2. ALL ELEVATIONS ARE FLOWLINE UNLESS OTHERWISE NOTED.
3. ALL SIDEWALKS TO BE CONSTRUCTED IN THIS PROJECT ARE SHOWN AS SOLID DILUTED LINES.
4. ALL SIDEWALKS TO BE CONSTRUCTED BY OTHERS ARE SHOWN AS DASHED DILUTED LINES.

KEYED NOTES

① CONSTRUCT WHEELCHAIR RAMPS PER COA DWG. 2441, TYPE II.

② TRANSITION THE CENTER LINES OF LOS PADRES ST. & LOS PADRES PL. LINEARLY THROUGH TH INTERSECTION. THE NORMAL CROWN SHALL CONTINUE THROUGH THE INTERSECTION ALONG THE CENTERLINE TRANSITION.

LOS PADRES PLACE

CURB CURVE DATA

CURVE	DELTA	RADIUS	LENGTH	TANGENT
CR1	79°31'14"	25.00'	34.70'	20.80'
CR2	25°52'28"	1614.00'	728.87'	370.76'
CR3	37°41'49"	25.00'	16.45'	8.53'
CR4	285°40'08"	40.00'	209.41'	–
CR5	68°44'52"	25.00'	30.00'	17.10'
CR6	24°38'48"	1586.00'	682.24'	346.48'
CR7	95°04'22"	25.00'	41.48'	27.32'
CR8	95°51'31"	25.00	41.83'	27.70'

CENTERLINE CURVE DATA

CURVE	DELTA	RADIUS	LENGTH	TANGENT
CL1	28°30'50"	1600.00'	796.26'	406.56'

TANGENT DATA

TANGENT	BEARING	DISTANCE
T1	S65°30'35"E	119.11'
T2	S65°30'35"E	115.66'

LEGEND

- CENTERLINE OF STREET
- EXISTING CURB & GUTTER
- PROPOSED STANDARD CURB & GUTTER
- PROPOSED MOUNTABLE CURB & GUTTER
- PROPOSED WHEELCHAIR RAMP
- TRANSITION SECTION FROM FULL CROWN TO NO CROWN SECTION (MINIMUM 50' TRANSITION) SEE CITY STD. DWG. 2501
- PROPOSED MANHOLE
- PROPOSED STREET LIGHT LOCATION
- EXISTING WATER VALVES
- EXISTING MANHOLE
- PROPOSED WATER VALVE
- PROPOSED STORM INLET
- PROPOSED FIRE HYDRANT
- PROPOSED DERERRED SIDEWALK
- PROPOSED SIDEWALK
- SAWCUT, REMOVE & REPLACE EXISTING PAVEMENT

AS BUILT INFORMATION
CONTRACTOR
WORK STAKED BY — DATE
STAKING CHECKS ACCEPTANCE BY — DATE
FIELD VERIFICATION BY — DATE
DRAWINGS CORRECTED BY — DATE
MICRO-FILM INFORMATION
RECORDED BY — DATE

BENCH MARKS
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SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL
DAVID J. THOMPSON 9977 REGISTERED PROFESSIONAL ENGINEER

NO.	DATE	REMARKS	BY

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

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
TRANSPORTATION DEVELOPMENT

LOS PADRES PLACE PAVING PLAN & PROFILE
WILLOW WOOD UNIT 6 SUBDIVISION

DESIGN REVIEW COMMITTEE: APPROVED MAR 26 1998
CITY ENGINEER: APPROVED MAY - 8 1998 CITY ENGINEER
NO./DAY/YR. | NO./DAY/YR.

City Project No. 4604.96 | Zone Map No. L-21-Z | Sheet 6 Of 11 13

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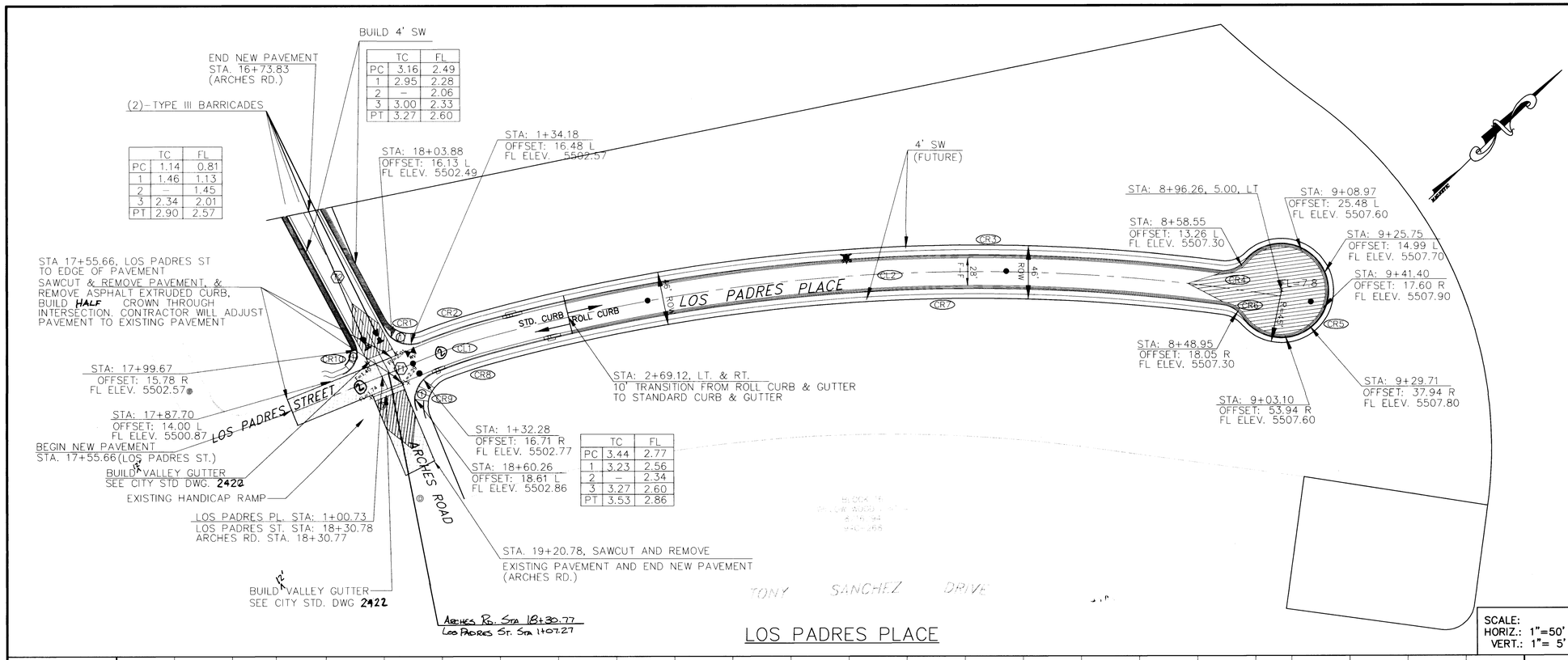

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PC	3.16	2.49
1	2.95	2.28
2	–	2.06
3	3.00	2.33
PT	3.27	2.60

	TC	FL
PC	1.14	0.81
1	1.46	1.13
2	–	1.45
3	2.34	2.01
PT	2.90	2.57

	TC	FL
PC	3.44	2.77
1	3.23	2.56
2	–	2.34
3	3.27	2.60
PT	3.53	2.86

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

GENERAL NOTES:

1. ALL STATION AND OFFSET DIMENSIONS ARE BASED ON CENTERLINE OF RIGHT-OF-WAY.
2. ALL ELEVATIONS ARE FLOWLINE UNLESS OTHERWISE NOTED.
3. ALL SIDEWALKS TO BE CONSTRUCTED IN THIS PROJECT ARE SHOWN AS SOLID DILUTED LINES.
4. ALL SIDEWALKS TO BE CONSTRUCTED BY OTHERS ARE SHOWN AS DASHED DILUTED LINES.
5. ALL SPOT FLOWLINE ELEVATIONS ARE TRUNCATED TO 5500 M.S.L.

KEYED NOTES

(1) CONSTRUCT WHEELCHAIR RAMPS PER COA DWG. 2441, TYPE II.

(2) BUILD HALF CROWN, PER CITY STD DWG 2401

LOS PADRES PLACE

CURB CURVE DATA

CURVE	DELTA	RADIUS	LENGTH	TANGENT
CR1	84°12'57"	24.33'	35.76'	21.99'
CR2	07°02'16"	464.00'	56.99'	28.53'
CR3	22°41'07"	1614.00'	639.03'	323.76'
CR4	57°31'11"	25.00'	25.10'	13.72'
CR5	285°58'37"	40.00'	199.65'	–
CR6	48°13'50"	25.00'	21.04'	11.19'
CR7	22°54'43"	1586.00'	634.23'	321.41'
CR8	06°57'47"	435.33'	52.91'	26.49'
CR9	90°00'00"	25.00'	39.27'	25.00'
CR10	95°51'31"	20.00'	33.46'	22.16'

CENTERLINE CURVE DATA

CURVE	DELTA	RADIUS	LENGTH	TANGENT
CL1	06°58'31"	450.00'	54.78'	27.43'
CL2	24°38'30"	1600.00'	688.13'	349.47'

TANGENT DATA

TANGENT	BEARING	DISTANCE
T1	N30°20'56"E	42.38'
T2	N77°00'02"E	156.94'

AS BUILT INFORMATION

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

BENCH MARKS

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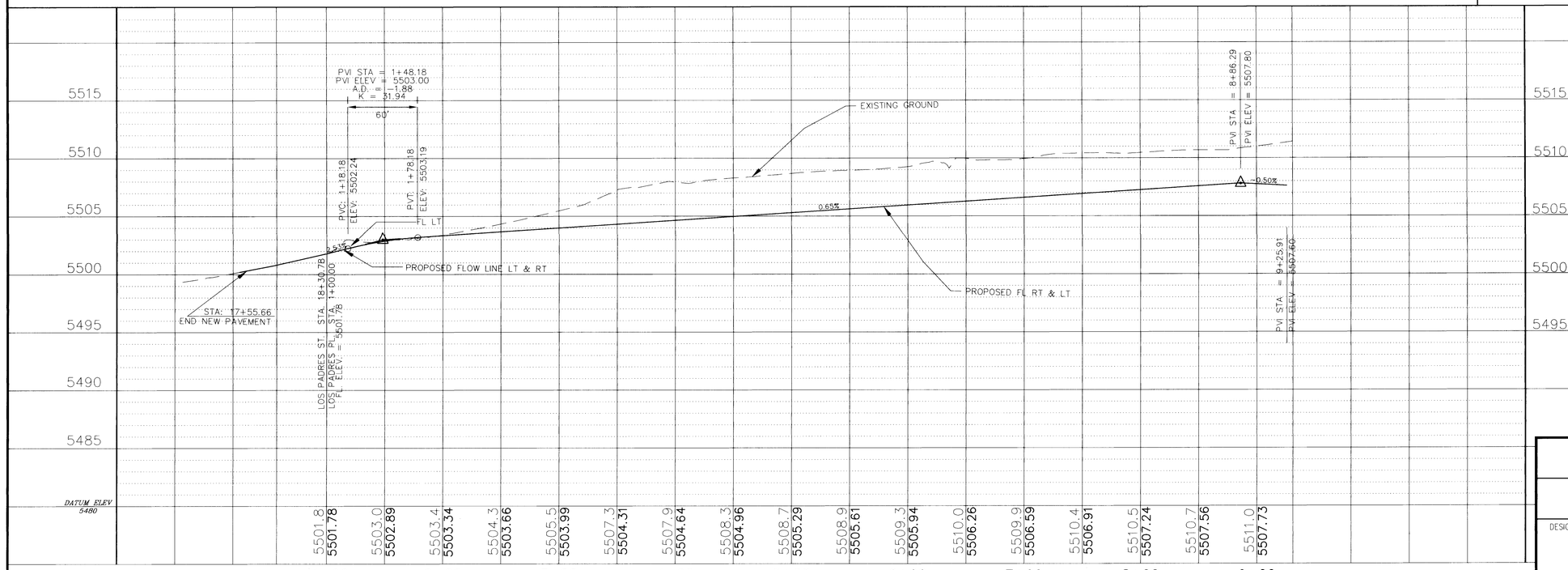
SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL



LEGEND

- CENTERLINE OF STREET
- EXISTING CURB & GUTTER
- PROPOSED STANDARD CURB & GUTTER
- PROPOSED MOUNTABLE CURB & GUTTER
- PROPOSED WHEELCHAIR RAMP
- TRANSITION SECTION FROM FULL CROWN TO NO CROWN SECTION (MINIMUM 50' TRANSITION) SEE CITY STD. DWG. 2501
- PROPOSED MANHOLE
- PROPOSED STREET LIGHT LOCATION
- EXISTING WATER VALVES
- EXISTING MANHOLE
- PROPOSED WATER VALVE
- PROPOSED STORM INLET
- PROPOSED FIRE HYDRANT
- PROPOSED SIDEWALK
- SAWCUT, REMOVE & REPLACE EXISTING PAVEMENT

NO.	DATE	REMARKS	BY
1	6/8/98	SHEET 6a REPLACES SHEET 6	DBT

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

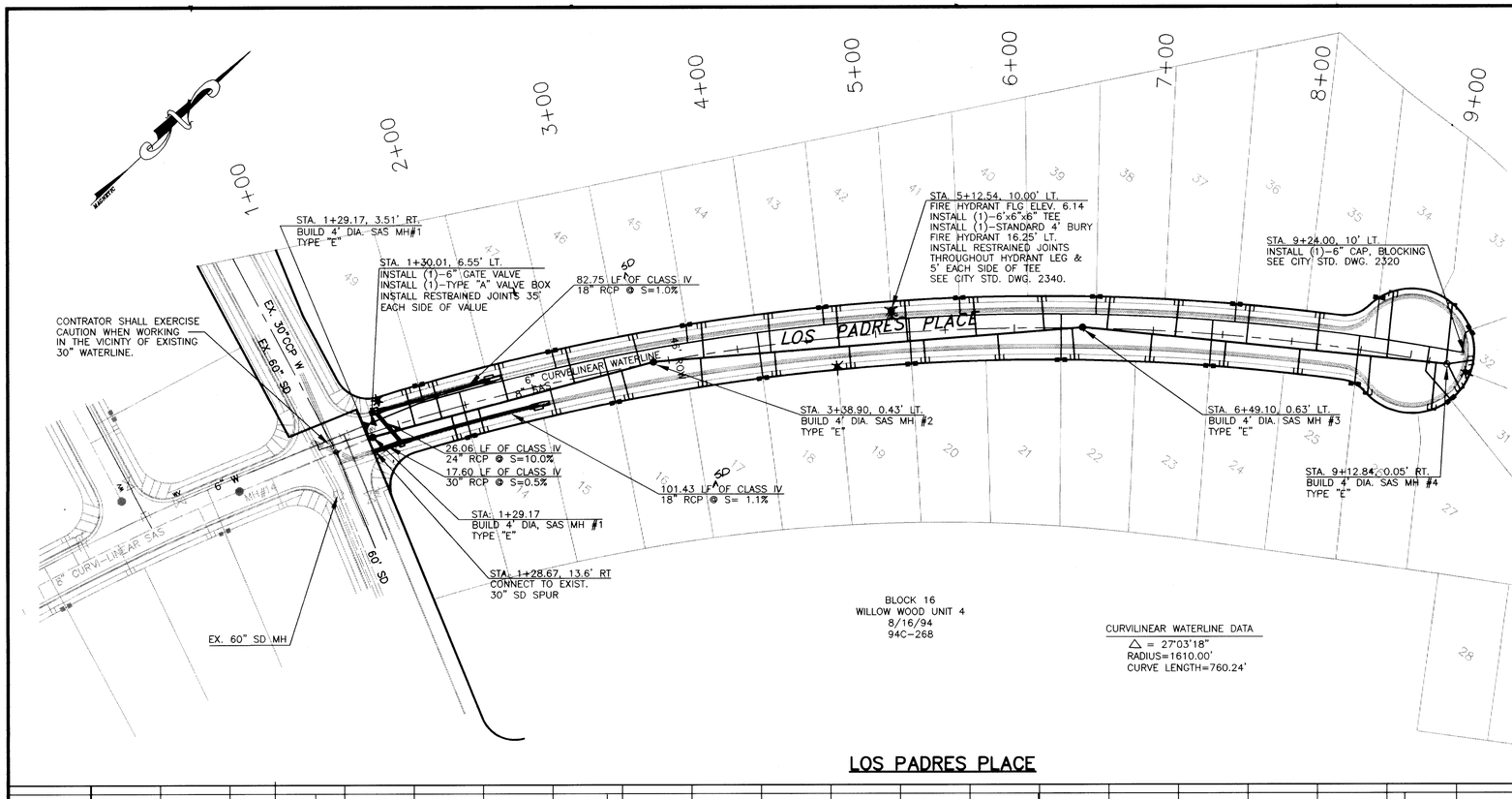
CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
TRANSPORTATION DEVELOPMENT

LOS PADRES PLACE PAVING PLAN & PROFILE
WILLOW WOOD UNIT 6 SUBDIVISION

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	MO./DAY/YR.	MO./DAY/YR.

City Project No.	Zone Map No.	Sheet 6a Of 11
4604.96	L-21-Z	

SCANNED BY
BY LASON



Water and Sanitary Sewer Services									
Lot	Sanitary Sewer				Waterline				
No.	Station	Offset		Inv. Elev.	Station	Offset		Type
13	1+87.99	23.00	RT	5500.20				
14	2+08.25	23.00	RT	5500.40	1+98.13	23.00	RT	DBL
15	2+62.65	23.00	RT	5500.70				
16	3+16.73	23.00	RT	5500.50	3+08.59	23.00	RT	DBL
17	3+71.22	23.00	RT	5500.80				
18	4+25.68	23.00	RT	5501.20	4+15.54	23.00	RT	DBL
19	4+80.28	23.00	RT	5501.50				
20	5+34.70	23.00	RT	5501.80	5+24.55	23.00	RT	DBL
21	5+89.06	23.00	RT	5502.10				
22	6+43.88	23.00	RT	5502.50	6+33.73	23.00	RT	DBL
23	6+98.22	23.00	RT	5502.80				
24	7+52.46	23.00	RT	5503.10	7+42.32	23.00	RT	DBL
25	8+06.90	23.00	RT	5503.50				
26	8+59.63	31.38	RT	5503.70	8+49.18	24.68	RT	DBL
27	9+07.74	34.63	RT	5503.90				
31	9+25.95	16.50	RT	5504.00	9+20.19	24.80	RT	DBL
32	9+31.13	-6.11	LT	5504.10				
33	9+08.07	-43.64	LT	5504.00	9+25.02	27.28	LT	DBL
34	8+67.28	-45.68	LT	5503.80				
35	8+17.84	-23.00	LT	5503.50	8+57.74	39.48	LT	DBL
36	7+67.87	-23.00	LT	5503.20				
37	7+17.13	-23.00	LT	5502.90	7+58.01	23.00	LT	DBL
38	6+68.44	-23.00	LT	5502.60				
39	6+19.75	-23.00	LT	5502.30	6+58.58	23.00	LT	DBL
40	5+71.05	-23.00	LT	5502.00				
41	5+22.36	-23.00	LT	5501.70	5+61.19	23.00	LT	DBL
42	4+73.67	-23.00	LT	5501.50				
43	4+24.98	-23.00	LT	5501.20	4+63.81	23.00	LT	DBL
44	3+76.28	-23.00	LT	5500.90				
45	3+27.59	-23.00	LT	5500.60	3+66.43	23.00	LT	DBL
46	2+78.90	-23.00	LT	5500.80				
47	2+30.21	-23.00	LT	5500.50	2+69.04	23.00	LT	DBL
48	1+81.52	-23.00	LT	5500.20				
49	1+61.80	-23.00	LT	5500.00	1+71.66	23.00	LT	DBL

UTILITY NOTES

1.) STATIONING ALONG ℄ OF STREET UNLESS OTHERWISE NOTED.

2.) SANITARY SEWER LINE LENGTHS COMPUTED FROM MH ℄ TO MH ℄.

3.) SLOPES ARE COMPUTED INVERT TO INVERT. MH RIM ELEVATIONS GIVEN ARE APPROXIMATE. CONTRACTOR SHALL ADJUST ALL RIMS TO FINAL GRADE.

4.) CONTRACTOR IS RESPONSIBLE FOR COORDINATION WITH UTILITY COMPANIES.

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LEGEND

- EXISTING WATERLINE
- EXISTING STORM DRAIN
- EXISTING SANITARY SEWER
- EXISTING MANHOLE
- EXISTING FIRE HYDRANT
- EXISTING GATE VALVE
- PROPOSED WATERLINE
- PROPOSED STORM DRAIN
- PROPOSED SANITARY SEWER
- PROPOSED MANHOLE
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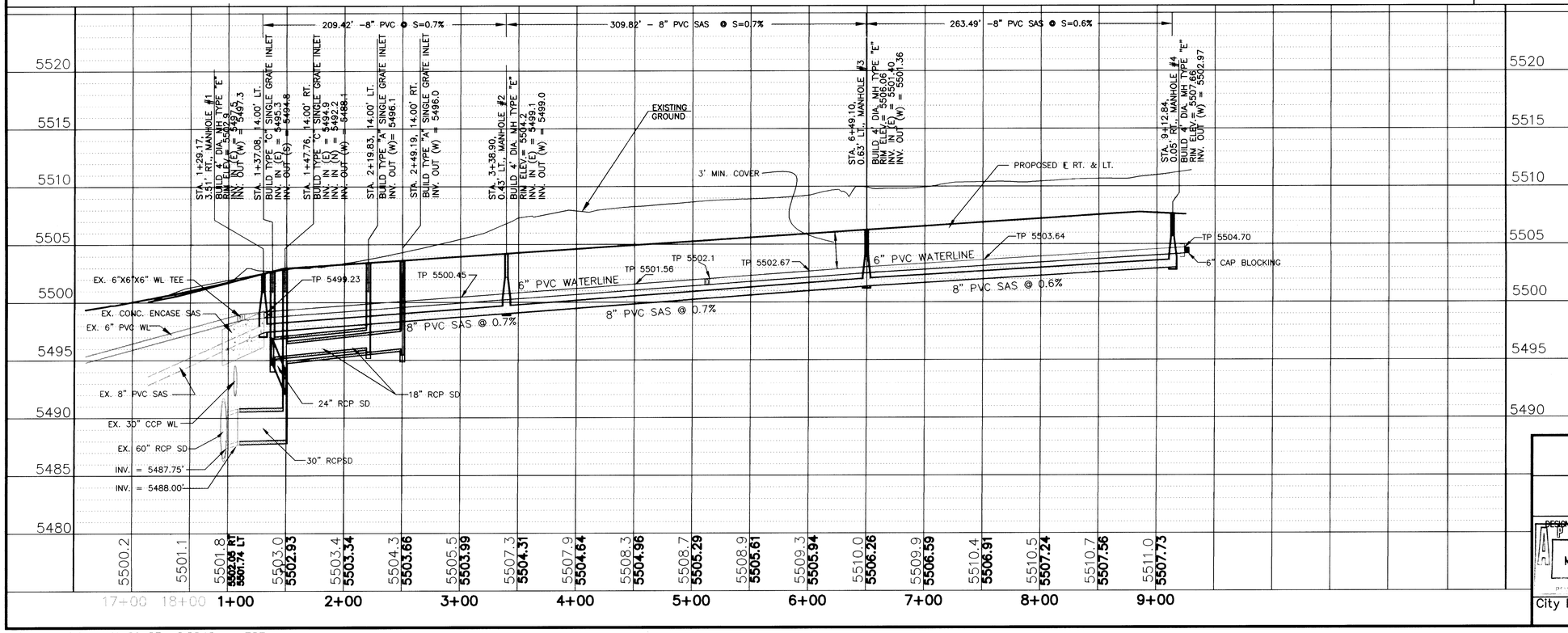
- PROPOSED GATE VALVE
- PROPOSED CAP OR PLUG
- PROPOSED SINGLE METER, WATER SERVICE LINE
- PROPOSED DOUBLE METER, WATER SERVICE LINES
- PROPOSED SANITARY SEWER SERVICE LINE
- PROPOSED CROSS, TEE, OR ELBOW
- STREET LIGHT

LOS PADRES PLACE

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



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

THE STATION MARK IS A STANDARD ACS BRASS TABLET, STAMPED "1-L21 RESET 1974", LOCATED 7.8 MILES EAST OF DOWNTOWN ALBUQUERQUE, AT THE INTERSECTION OF CENTRAL AVE. AND JUAN TABO BLVD. THE STATION IS ON THE MEDIAN STRIP OF CENTRAL AVE., 81' WEST OF CENTERLINE OF JUAN TABO BLVD. AND FLUSH WITH THE CURB. 3LD ELEV. 5534.63.

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL

NO.	DATE	REMARKS	BY

DESIGN

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

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
TRANSPORTATION DEVELOPMENT

LOS PADRES PLACE UTILITY PLAN & PROFILE
WILLOW WOOD UNIT 6 SUBDIVISION

DESIGN REVIEW COMMITTEE — APPROVED — MAR 26 1998 — CHAIRPERSON, DESIGN REVIEW COMMITTEE

CITY ENGINEER APPROVAL — APPROVED — MAR 8 1998 — CITY ENGINEER

MO./DAY/YR. | MO./DAY/YR.

City Project No.	Zone Map No.	Sheet	Of
4604.96	L-21-Z	7	13

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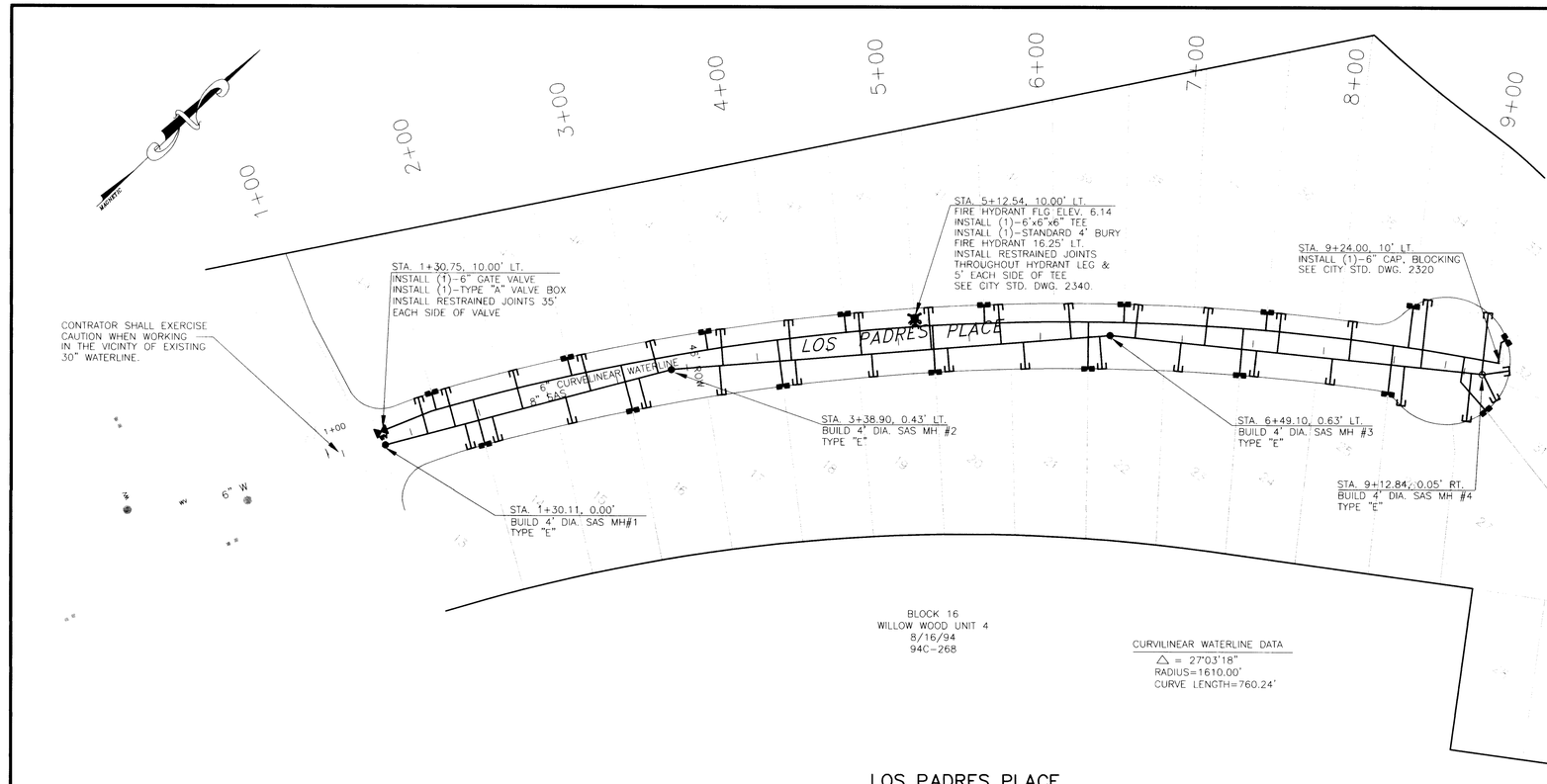
SCANNED BY
BY LASON



Water and Sanitary Sewer Services								
Lot	Sanitary Sewer				Waterline			
No.	Station	Offset		Inv. Elev.	Station	Offset		Type
13	1+87.61	23.00	RT	5500.20				
14	2+08.25	23.00	RT	5500.40	1+98.13	23.00	RT	DBL
15	2+62.65	23.00	RT	5500.70				
16	3+16.73	23.00	RT	5500.50	3+06.59	23.00	RT	DBL
17	3+71.22	23.00	RT	5500.80				
18	4+25.68	23.00	RT	5501.20	4+15.54	23.00	RT	DBL
19	4+80.28	23.00	RT	5501.50				
20	5+34.70	23.00	RT	5501.80	5+24.55	23.00	RT	DBL
21	5+89.06	23.00	RT	5502.10				
22	6+43.88	23.00	RT	5502.50	6+33.73	23.00	RT	DBL
23	6+98.22	23.00	RT	5502.80				
24	7+52.46	23.00	RT	5503.10	7+42.32	23.00	RT	DBL
25	8+06.90	23.00	RT	5503.50				
26	8+59.63	31.38	RT	5503.70	8+49.18	24.68	RT	DBL
27	9+07.74	34.63	RT	5503.90				
31	9+25.95	16.50	RT	5504.00	9+20.19	24.80	RT	DBL
32	9+31.13	-6.11	LT	5504.10				
33	9+09.07	-43.64	LT	5504.00	9+25.02	27.28	LT	DBL
34	8+67.28	-45.68	LT	5503.80				
35	8+17.84	-23.00	LT	5503.50	8+57.74	39.48	LT	DBL
36	7+67.87	-23.00	LT	5503.20				
37	7+17.13	-23.00	LT	5502.90	7+58.01	23.00	LT	DBL
38	6+68.44	-23.00	LT	5502.60				
39	6+19.75	-23.00	LT	5502.30	6+58.58	23.00	LT	DBL
40	5+71.05	-23.00	LT	5502.00				
41	5+22.36	-23.00	LT	5501.70	5+61.19	23.00	LT	DBL
42	4+73.67	-23.00	LT	5501.50				
43	4+24.98	-23.00	LT	5501.20	4+63.81	23.00	LT	DBL
44	3+76.28	-23.00	LT	5500.90				
45	3+27.59	-23.00	LT	5500.60	3+66.43	23.00	LT	DBL
46	2+78.90	-23.00	LT	5500.80				
47	2+30.21	-23.00	LT	5500.50	2+69.04	23.00	LT	DBL
48	1+82.09	-23.00	LT	5500.20				
49	1+63.03	-23.00	LT	5500.00	1+72.57	23.00	LT	DBL

UTILITY NOTES

1.) STATIONING ALONG ℄ OF STREET UNLESS OTHERWISE NOTED.

2.) SANITARY SEWER LINE LENGTHS COMPUTED FROM MH ℄ TO MH ℄.

3.) SLOPES ARE COMPUTED INVERT TO INVERT. MH RIM ELEVATIONS GIVEN ARE APPROXIMATE. CONTRACTOR SHALL ADJUST ALL RIMS TO FINAL GRADE.

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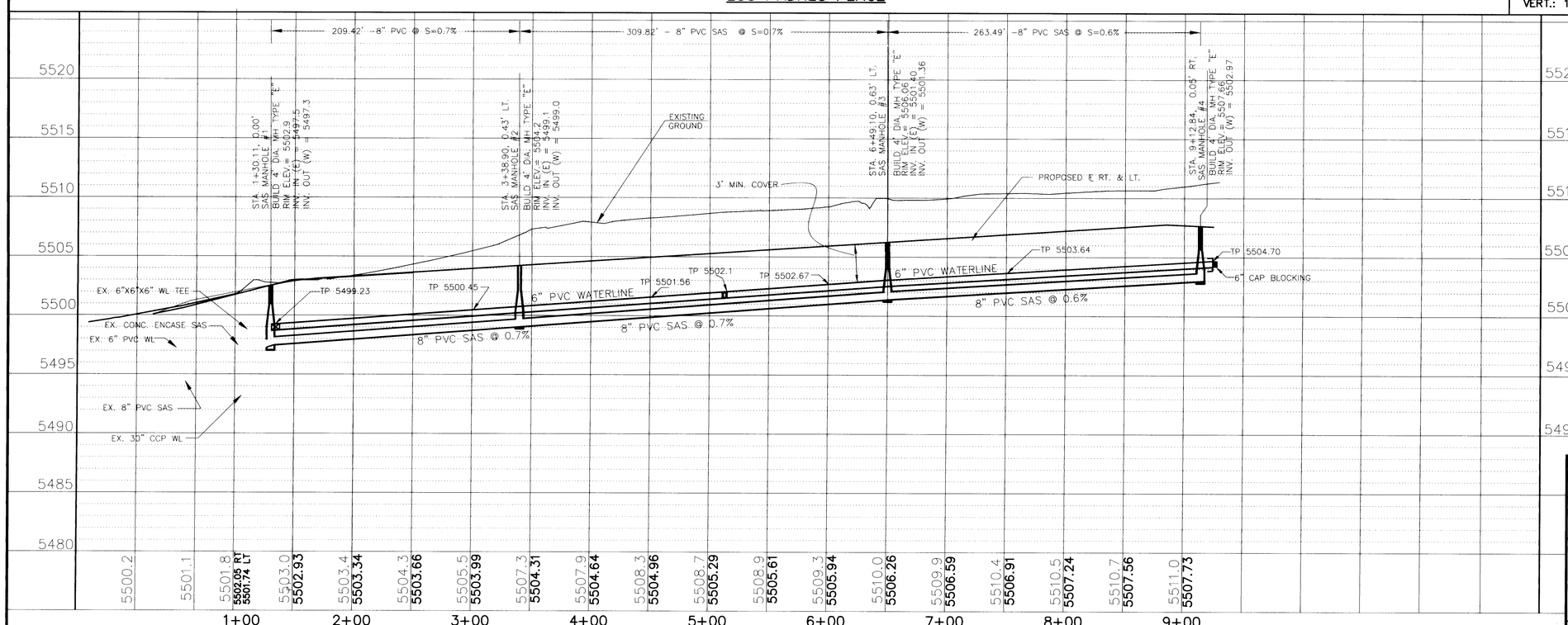
LEGEND

	EXISTING WATERLINE
	EXISTING STORM DRAIN
	EXISTING SANITARY SEWER
	EXISTING MANHOLE
	EXISTING FIRE HYDRANT
	EXISTING GATE VALVE
W	PROPOSED WATERLINE
SD	PROPOSED STORM DRAIN
SAS	PROPOSED SANITARY SEWER
●	PROPOSED MANHOLE
	PROPOSED FIRE HYDRANT
	PROPOSED GATE VALVE
	PROPOSED CAP OR PLUG
	PROPOSED SINGLE METER, WATER SERVICE LINE
	PROPOSED DOUBLE METER, WATER SERVICE LINES
	PROPOSED SANITARY SEWER SERVICE LINE
	PROPOSED CROSS, TEE, OR ELBOW

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

LOS PADRES PLACE



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

BENCH MARKS
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SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL
DONALD B. WILKINSON
NEW MEXICO
REGISTERED PROFESSIONAL ENGINEER
6/9/98

NO.	DATE	REMARKS	BY
△	6/9/98	SHEETS 7a & 7b REPLACE SHEET 7	DBT

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

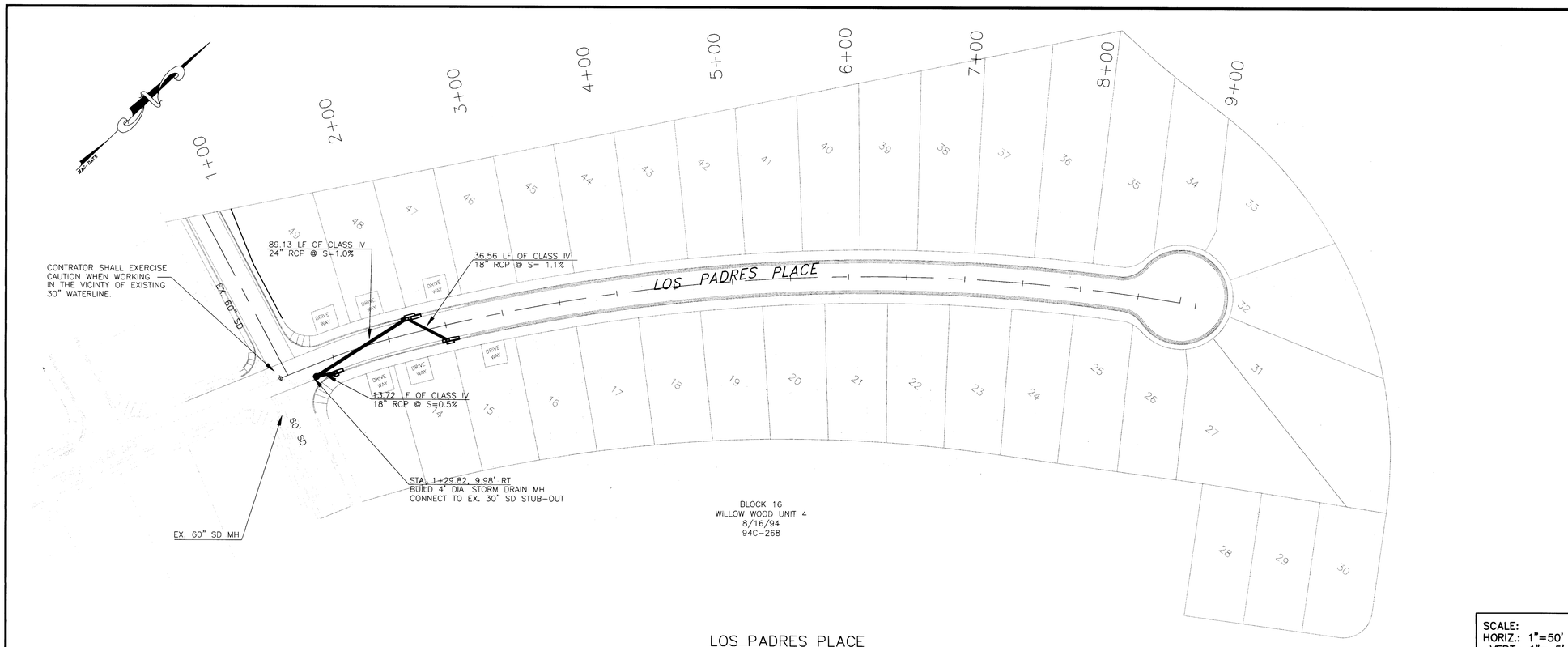
CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
TRANSPORTATION DEVELOPMENT

LOS PADRES PLACE UTILITY PLAN & PROFILE
WILLOW WOOD UNIT 6 SUBDIVISION

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL		MO./DAY/YR.	MO./DAY/YR.

City Project No.	Zone Map No.	Sheet 7a Of 11
4604.96	L-21-Z	

SCANNED BY
BY LASON



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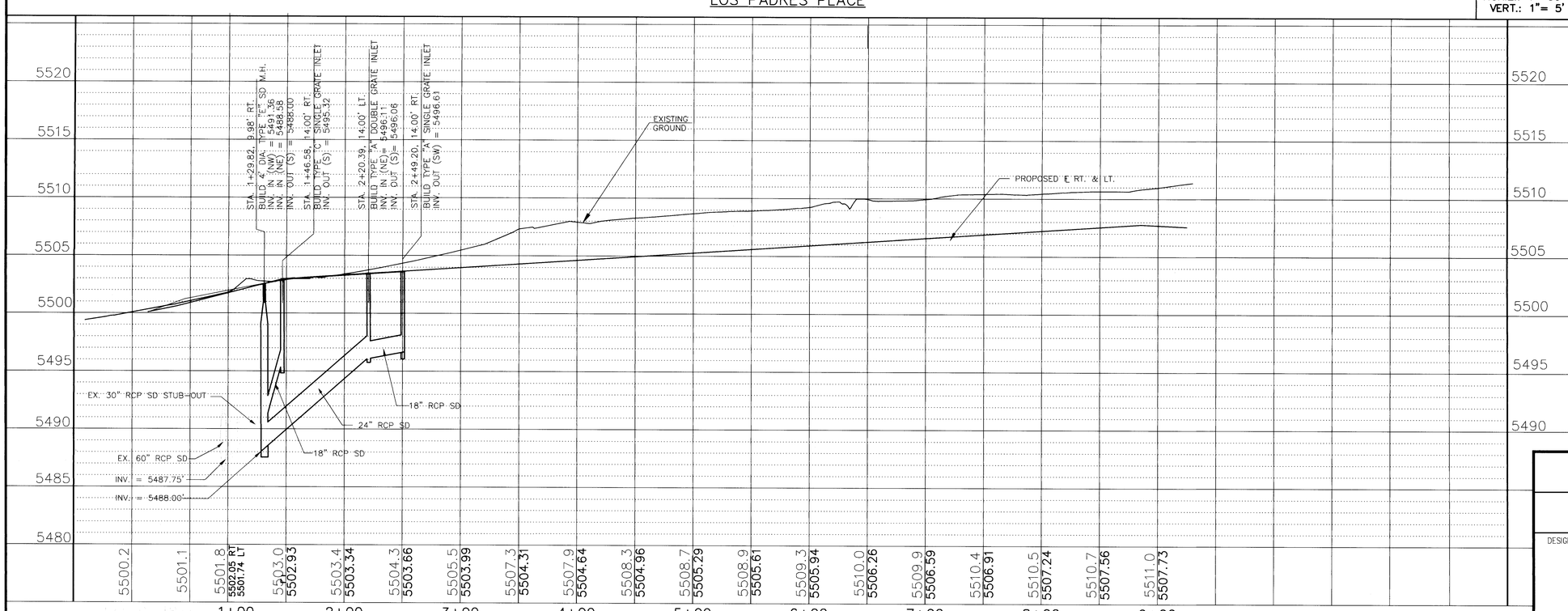
LEGEND

- EXISTING WATERLINE
- EXISTING STORM DRAIN
- EXISTING SANITARY SEWER
- EXISTING MANHOLE
- EXISTING FIRE HYDRANT
- EXISTING GATE VALVE
- W — PROPOSED WATERLINE
- SD — PROPOSED STORM DRAIN
- SAS — PROPOSED SANITARY SEWER
- PROPOSED MANHOLE
- PROPOSED FIRE HYDRANT
- PROPOSED GATE VALVE
- PROPOSED CAP OR PLUG
- PROPOSED SINGLE METER, WATER SERVICE LINE
- PROPOSED DOUBLE METER, WATER SERVICE LINES
- PROPOSED SANITARY SEWER SERVICE LINE
- PROPOSED CROSS, TEE, OR ELBOW

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

LOS PADRES PLACE



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.	

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SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL

NO.	DATE	REMARKS	BY
1	6/9/98	SHEETS 7a & 7b REPLACE SHEET 7	DBT

DESIGN

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

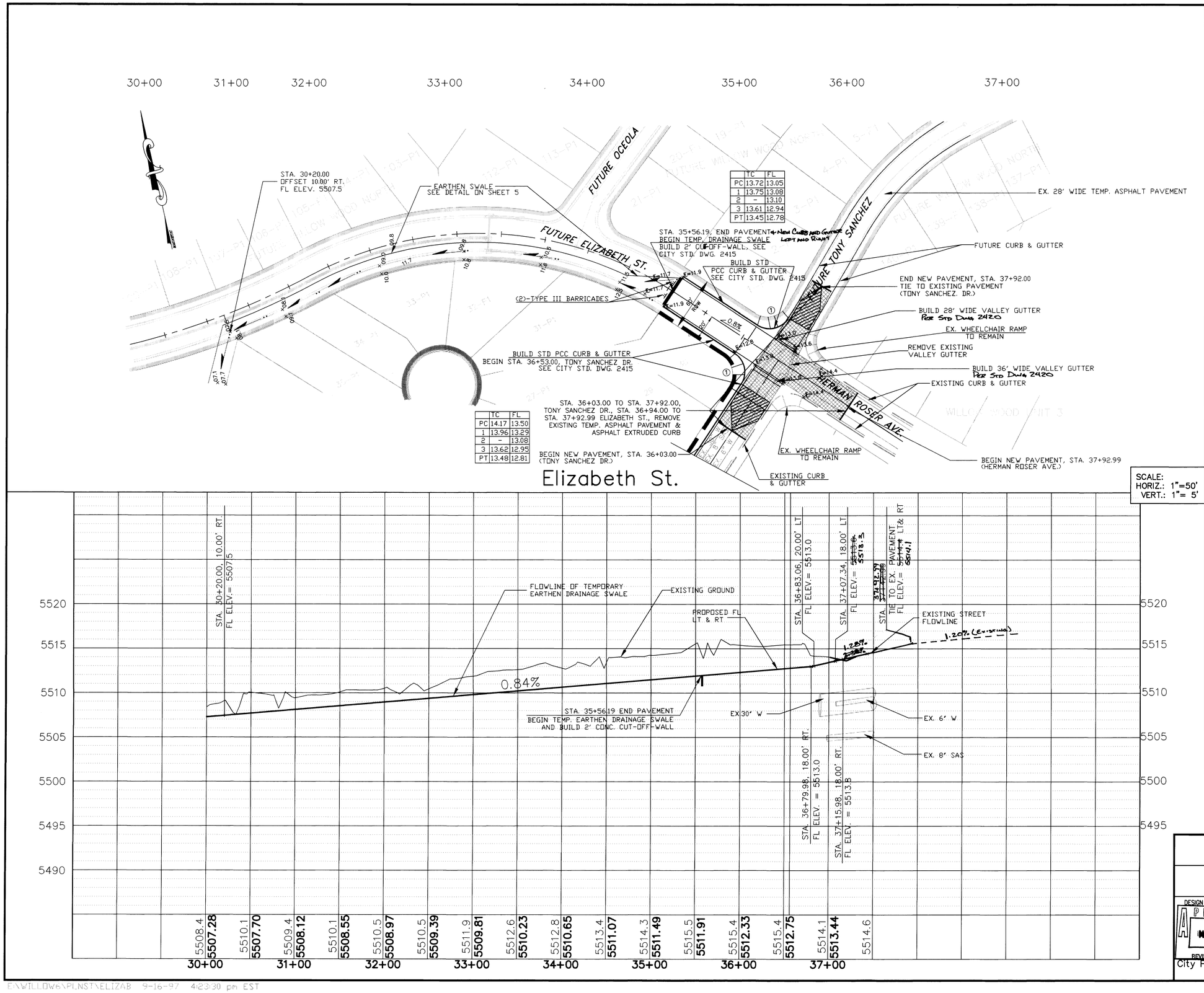
CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
TRANSPORTATION DEVELOPMENT

LOS PADRES PLACE STORM DRAIN PLAN & PROFILE
WILLOW WOOD UNIT 6 SUBDIVISION

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL		MO./DAY/YR.	MO./DAY/YR.

City Project No.	Zone Map No.	Sheet 7b Of 11
4604.96	L-21-Z	

SCANNED BY



	TC	FL
PC	13.72	13.05
1	13.75	13.08
2	-	13.10
3	13.61	12.94
PT	13.45	12.78

	TC	FL
PC	14.17	13.50
1	13.96	13.29
2	-	13.08
3	13.62	12.95
PT	13.48	12.81

UTILITY NOTES

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KEYED NOTES

① CONSTRUCT WHEELCHAIR RAMPS PER COA DWG. 2441, TYPE II.

LEGEND

- EXISTING WATERLINE
- EXISTING STORM DRAIN
- EXISTING SANITARY SEWER
- EXISTING MANHOLE
- EXISTING FIRE HYDRANT
- EXISTING GATE VALVE
- PROPOSED WATERLINE
- PROPOSED STORM DRAIN
- PROPOSED SANITARY SEWER
- PROPOSED MANHOLE
- PROPOSED FIRE HYDRANT
- PROPOSED GATE VALVE
- PROPOSED CAP OR PLUG
- PROPOSED SINGLE METER, WATER SERVICE LINE
- PROPOSED DOUBLE METER, WATER SERVICE LINES
- PROPOSED SANITARY SEWER SERVICE LINE
- PROPOSED CROSS, TEE, OR ELBOW
- FUTURE SIDEWALK
- PROPOSED DEFERRED 4' SIDEWALK
- SAW CUT, REMOVE AND REPLACE EX. PAVEMENT

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.

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SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL

DAVID G. THOMPSON — NEW MEXICO — REGISTERED PROFESSIONAL ENGINEER

NO.	DATE	REMARKS	BY

DESIGN

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

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
TRANSPORTATION DEVELOPMENT

ELIZABETH PAVING & UTILITY PLAN
WILLOW WOOD UNIT 6 SUBDIVISION

DESIGN REVIEW COMMITTEE — APPROVED — MAR 26 1998 — DESIGN REVIEW COMMITTEE

ENGINEERING APPROVAL — APPROVED — MAY - 8 1998 — CITY ENGINEER

MO./DAY/YR.	MO./DAY/YR.

City Project No. 4604.96 | Zone Map No. L-21-Z | Sheet 8 Of 13

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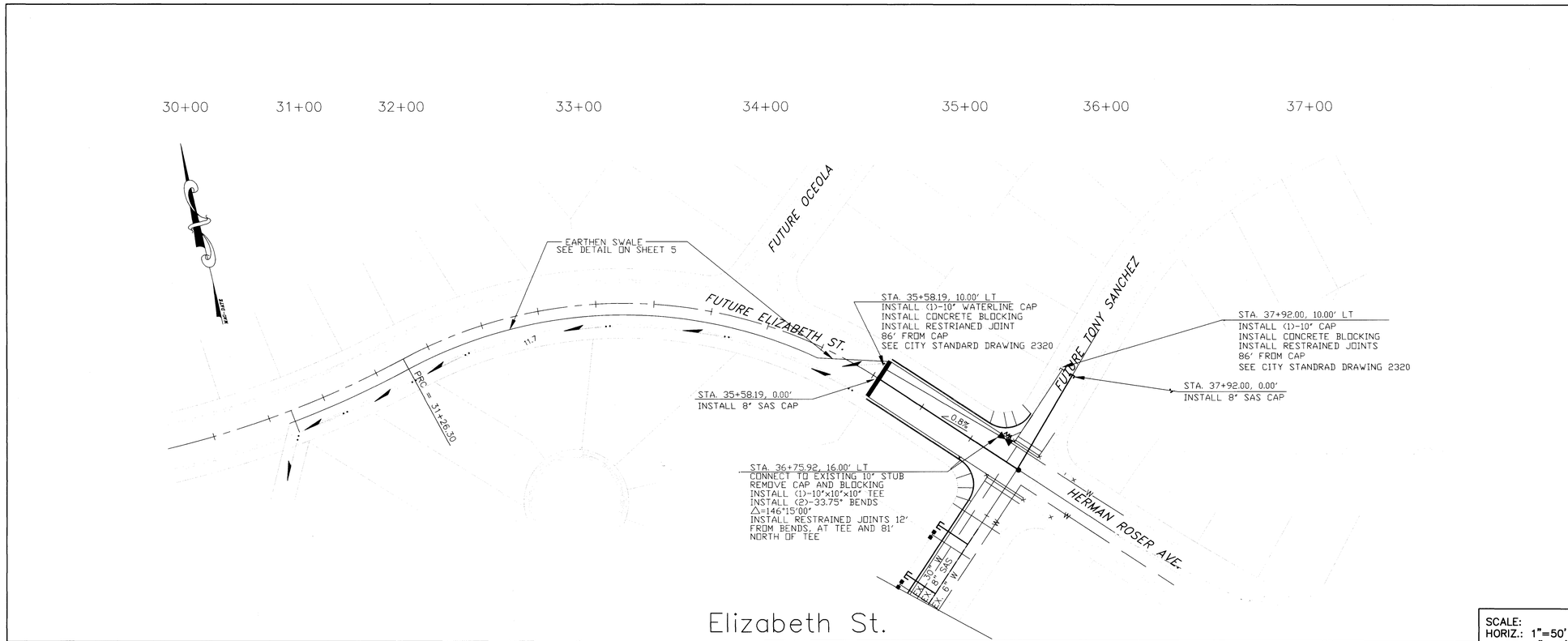
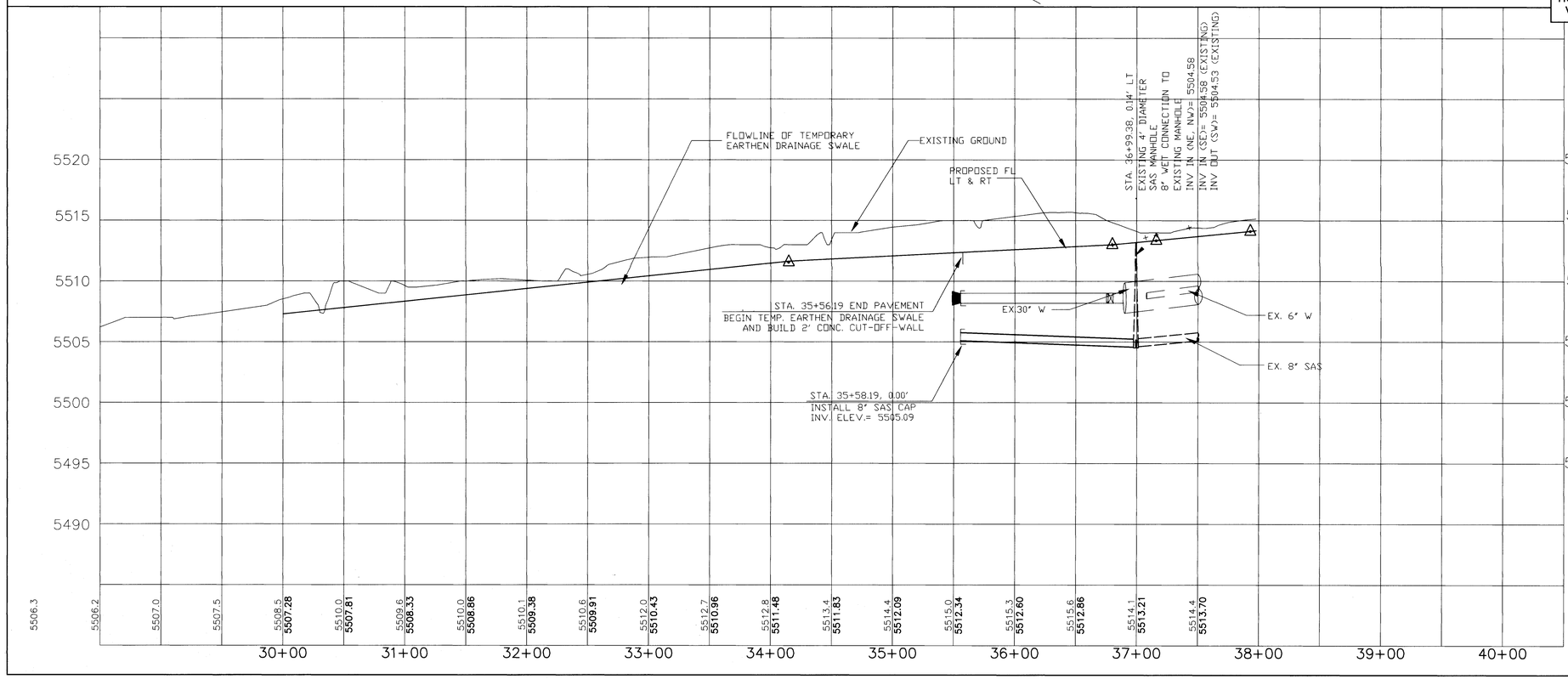
SCANNED BY
BY LASON



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



UTILITY NOTES

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KEYED NOTES

① CONSTRUCT WHEELCHAIR RAMPS PER COA DWG. 2441, TYPE II.

LEGEND

— W —	EXISTING WATERLINE
	EXISTING STORM DRAIN
— SAS —	EXISTING SANITARY SEWER
○	EXISTING MANHOLE
	EXISTING FIRE HYDRANT
WV	EXISTING GATE VALVE
W	PROPOSED WATERLINE
SD	PROPOSED STORM DRAIN
SAS	PROPOSED SANITARY SEWER
◉	PROPOSED MANHOLE
	PROPOSED FIRE HYDRANT
WV	PROPOSED GATE VALVE
	PROPOSED CAP OR PLUG
	PROPOSED SINGLE METER, WATER SERVICE LINE
	PROPOSED DOUBLE METER, WATER SERVICE LINES
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AS BUILT INFORMATION

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

BENCH MARKS

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SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL

NO.	DATE	REMARKS	BY
1	8/1/96	Water & SAS Stub-outs Added	DRT

DESIGN

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

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
TRANSPORTATION DEVELOPMENT

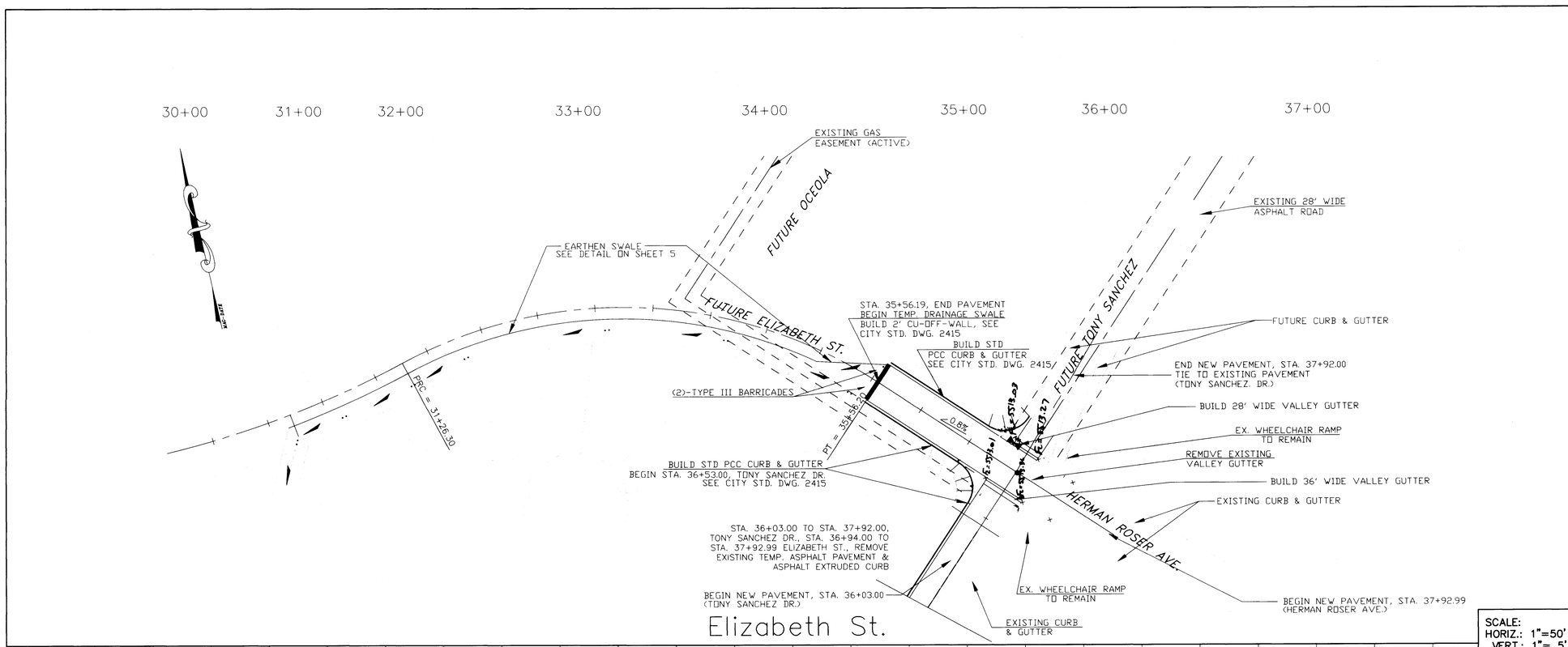
ELIZABETH PAVING & UTILITY PLAN
WILLOW WOOD UNIT 6 SUBDIVISION

DESIGN REVIEW COMMITTEE — MO./DAY/YR. — MO./DAY/YR.

APPROVED
MAY 8
CITY ENGINEER

City Project No.	Zone Map No.	Sheet 8b Of 13
4604.96	L-21-Z	

SCANNED BY
BY LASON



SCALE:
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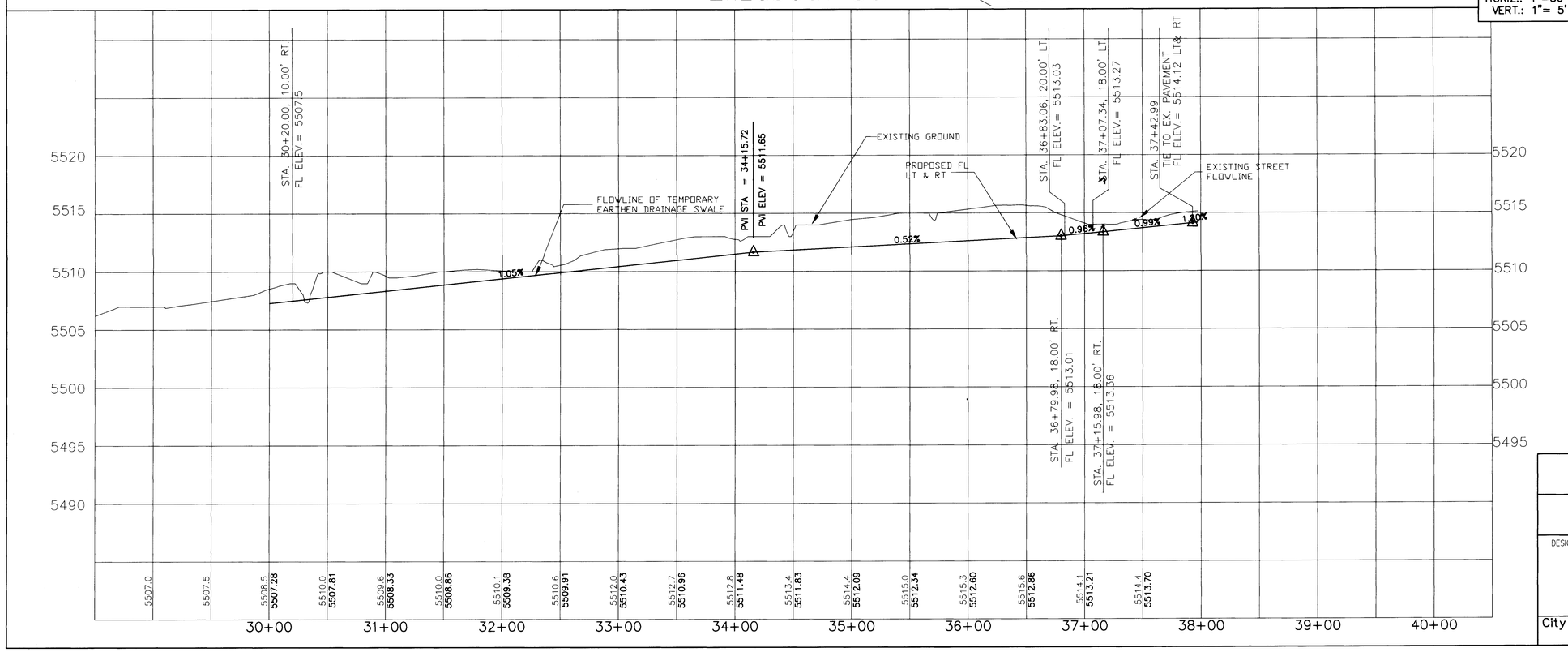

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— SAS — —	EXISTING SANITARY SEWER
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CONTRACTOR
WORK STAKED BY — DATE
INSPECTOR — DATE
ACCEPTANCE BY
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SURVEY INFORMATION

FIELD NOTES		
NO.	BY	DATE

ENGINEER'S SEAL

NO.	DATE	REMARKS	BY
1	6/26/98	Add Water & SAS Sections	ABCO

DESIGN

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

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
TRANSPORTATION DEVELOPMENT

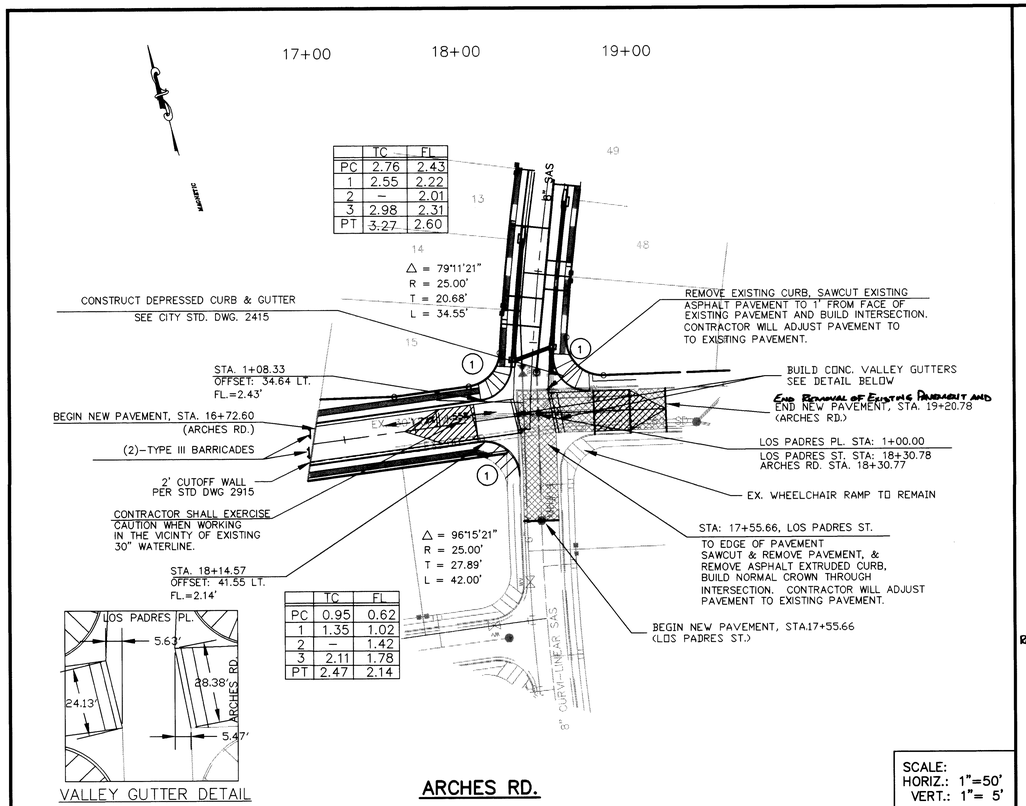
ELIZABETH PAVING PLAN
WILLOW WOOD UNIT 6 SUBDIVISION

DESIGN REVIEW COMMITTEE — MO./DAY/YR. — MO./DAY/YR.

APPROVED MAY - 8 1998 CITY ENGINEER

City Project No. 4604.96 | Zone Map No. L-21-Z | Sheet 8a Of 13

SCANNED BY RV LASON



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PT	3.27	2.60

	TC	FL
PC	0.95	0.62
1	1.35	1.02
2	–	1.42
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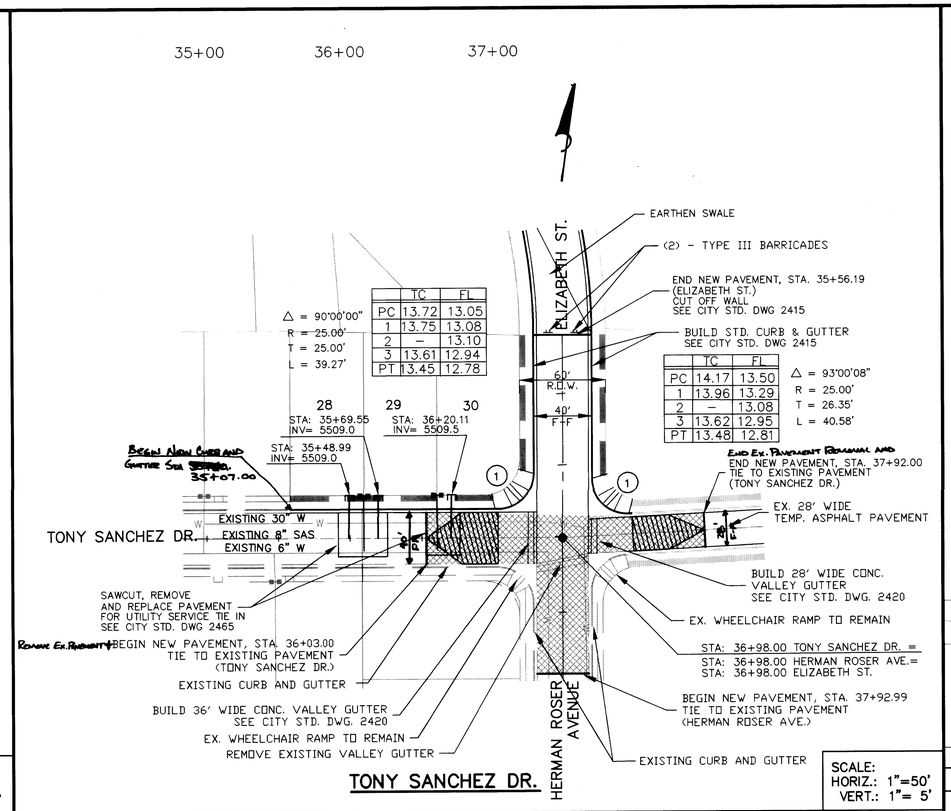
PT	2.47	2.14

VALLEY GUTTER DETAIL

ARCHES RD.

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



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PC	13.72	13.05
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PT	13.45	12.78

	TC	FL
PC	14.17	13.50
1	13.96	13.29
2	–	13.08
3	13.62	12.95
PT	13.48	12.81

TONY SANCHEZ DR.

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

UTILITY NOTES

1.) STATIONING ALONG ℄ OF STREET UNLESS OTHERWISE NOTED.

2.) SANITARY SEWER LINE LENGTHS COMPUTED FROM MH ℄ TO MH ℄.

3.) SLOPES ARE COMPUTED INVERT TO INVERT. MH RIM ELEVATIONS GIVEN ARE APPROXIMATE. CONTRACTOR SHALL ADJUST ALL RIMS TO FINAL GRADE.

4.) CONTRACTOR IS RESPONSIBLE FOR COORDINATION WITH UTILITY COMPANIES.

5.) CONTRACTOR SHALL VERIFY ALL EXISTING UTILITIES AND UTILITY CONNECTIONS PRIOR TO BEGINNING CONSTRUCTION. SHOULD A CONFLICT EXIST OR DESIGN REVISIONS BE REQUIRED FOR ANY REASON, THE CONTRACTOR SHALL NOTIFY THE ENGINEER AND ALLOW SUFFICIENT TIME FOR DESIGN REVISIONS SO AS TO NOT DELAY THE CONSTRUCTION SCHEDULE.

KEYED NOTES

1. CONSTRUCT WHEELCHAIR RAMPS PER COA DWG. 2441, TYPE II.

LEGEND

- EXISTING WATERLINE
- EXISTING STORM DRAIN
- EXISTING SANITARY SEWER
- EXISTING MANHOLE
- EXISTING FIRE HYDRANT
- EXISTING GATE VALVE
- PROPOSED WATERLINE
- PROPOSED STORM DRAIN
- PROPOSED SANITARY SEWER
- PROPOSED MANHOLE
- PROPOSED FIRE HYDRANT
- PROPOSED GATE VALVE
- PROPOSED CAP OR PLUG
- PROPOSED SINGLE METER, WATER SERVICE LINE
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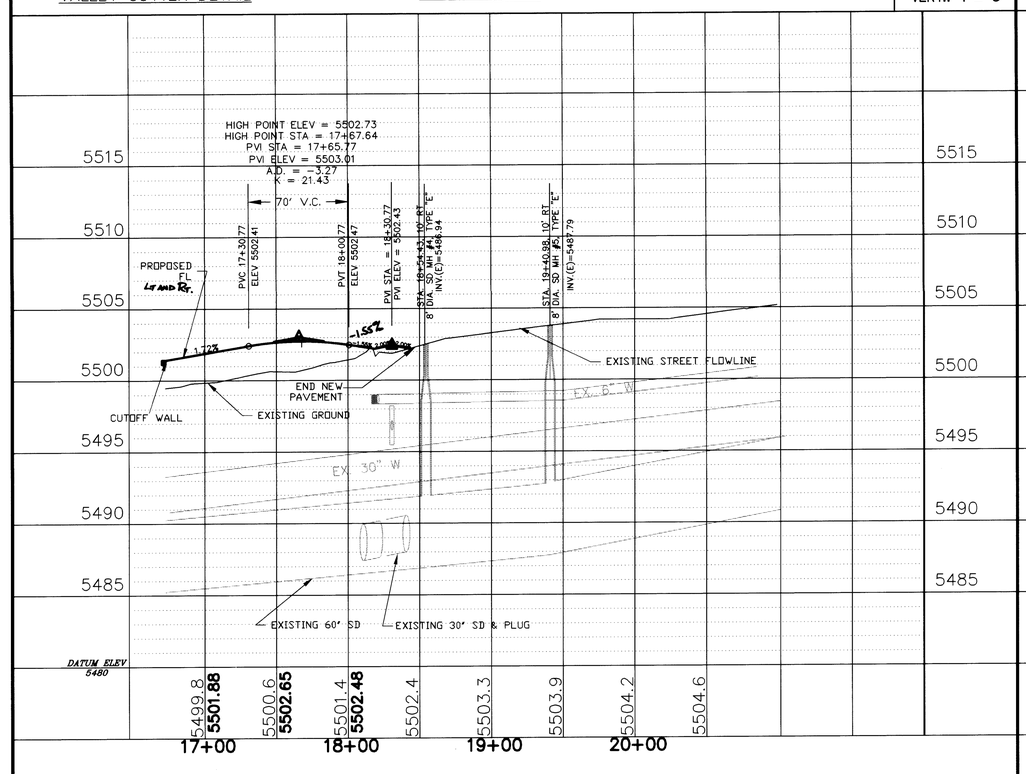
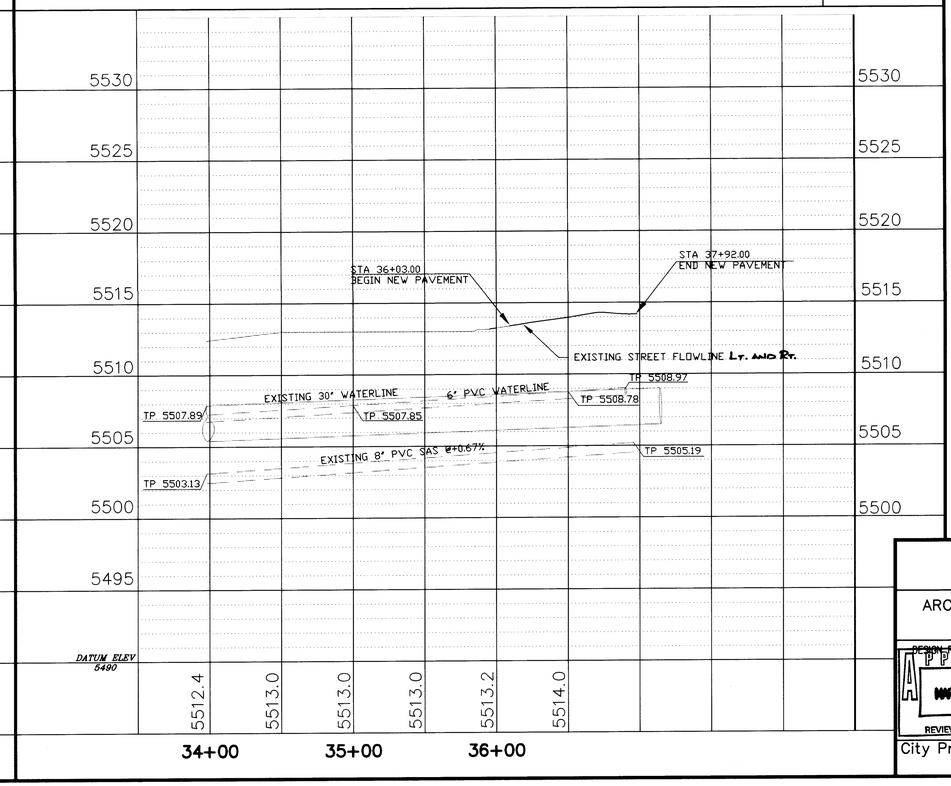
- PROPOSED SANITARY SEWER SERVICE LINE
- PROPOSED CROSS, TEE, OR ELBOW
- FUTURE CURB AND GUTTER
- SAWCUT, REMOVE & REPLACE EXISTING PAVEMENT





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

BENCH MARKS
THE STATION MARK IS A STANDARD ACS BRASS TABLET, STAMPED "1-L21 RESET 1974", LOCATED 7.8 MILES EAST OF DOWNTOWN ALBUQUERQUE, AT THE INTERSECTION OF CENTRAL AVE. AND JUAN TABO BLVD. THE STATION IS ON THE MEDIAN STRIP OF CENTRAL AVE., 81' WEST OF CENTERLINE OF JUAN TABO BLVD. AND FLUSH WITH THE CURB. SLD ELEV. 5534.63

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL
DAVID P. THOMPSON — NEW MEXICO — 9877 — REGISTERED PROFESSIONAL ENGINEER

NO.	DATE	REMARKS	BY

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

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
TRANSPORTATION DEVELOPMENT

ARCHES RD. & TONY SANCHEZ DR. PAVING & UTILITY PLAN
WILLOW WOOD UNIT 6 SUBDIVISION

DESIGN REVIEW COMMITTEE — APPROVED — MAR 26 1998 — DESIGN REVIEW COMMITTEE
CITY ENGINEER — APPROVED — MAR 26 1998 — CITY ENGINEER
MO./DAY/YR. | MO./DAY/YR.

City Project No. 4604.96 | Zone Map No. L-21-Z | Sheet 9 Of 11 13

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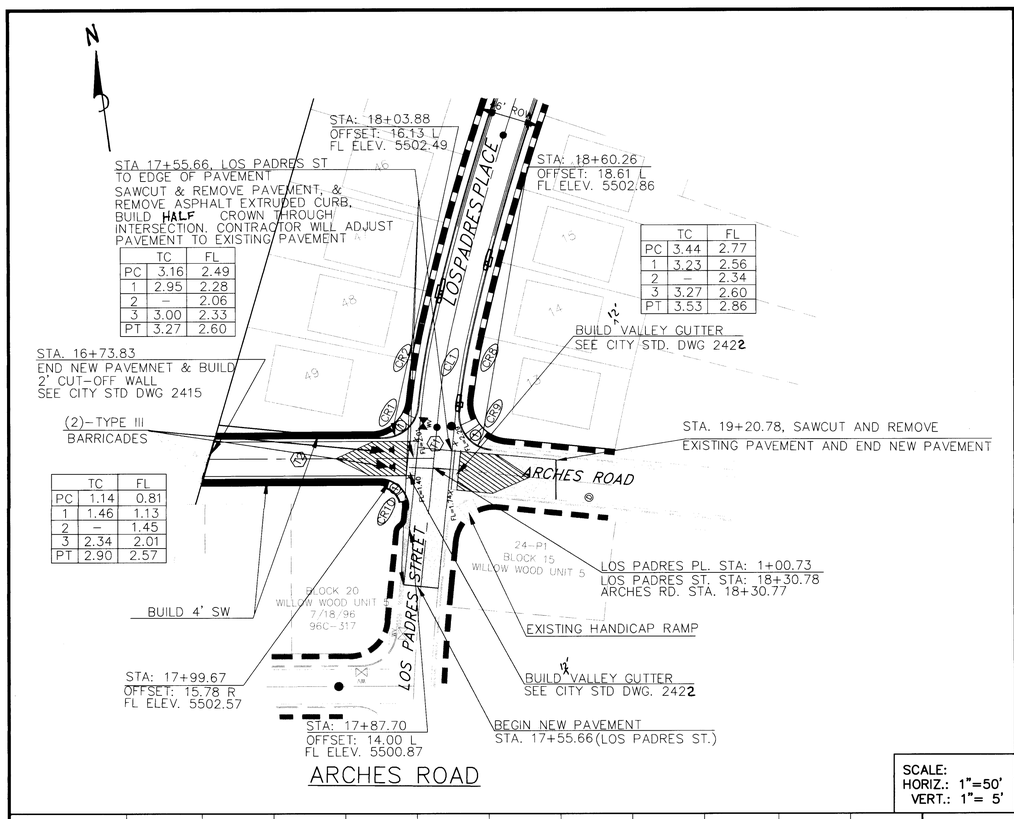
SCANNED BY
BY LASON



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3	3.00	2.33
PT	3.27	2.60

	TC	FL
PC	3.44	2.77
1	3.23	2.56
2	–	2.34
3	3.27	2.60
PT	3.53	2.86

	TC	FL
PC	1.14	0.81
1	1.46	1.13
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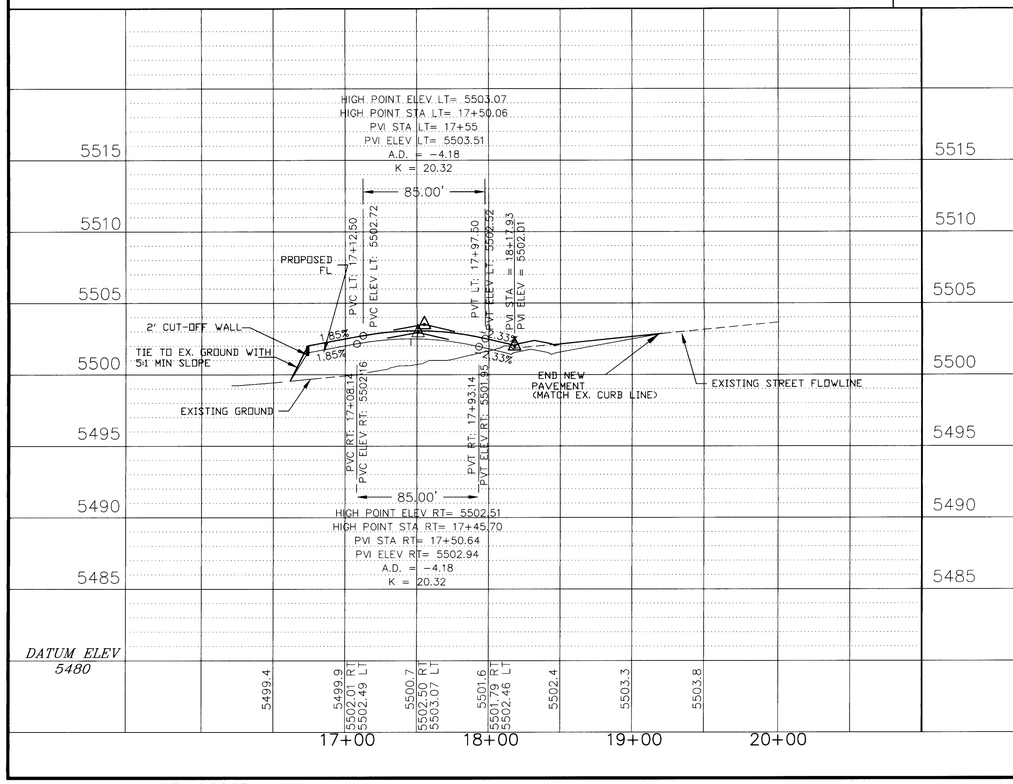
3	2.34	2.01
PT	2.90	2.57

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



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UTILITY NOTES

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KEYED NOTES

(1) CONSTRUCT WHEELCHAIR RAMPS PER COA DWG. 2441, TYPE II.

LEGEND

- EXISTING WATERLINE
- EXISTING STORM DRAIN
- EXISTING SANITARY SEWER
- EXISTING MANHOLE
- EXISTING FIRE HYDRANT
- EXISTING GATE VALVE
- W — PROPOSED WATERLINE
- SD — PROPOSED STORM DRAIN
- SAS — PROPOSED SANITARY SEWER
- PROPOSED MANHOLE
- PROPOSED FIRE HYDRANT
- PROPOSED GATE VALVE
- PROPOSED CAP OR PLUG
- PROPOSED SINGLE METER, WATER SERVICE LINE
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- PROPOSED CROSS, TEE, OR ELBOW
- FUTURE CURB AND GUTTER
- SAWCUT, REMOVE & REPLACE EXISTING PAVEMENT

AS BUILT INFORMATION

		DATE
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

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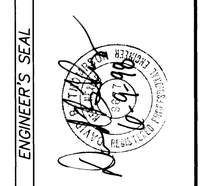
SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL



NO.	DATE	REMARKS	BY
2	6.9.98	SHEET 9a REPLACES SHEET 9	DBT

DESIGN

		DATE
DESIGNED BY		DATE
DRAWN BY		DATE
CHECKED BY		DATE

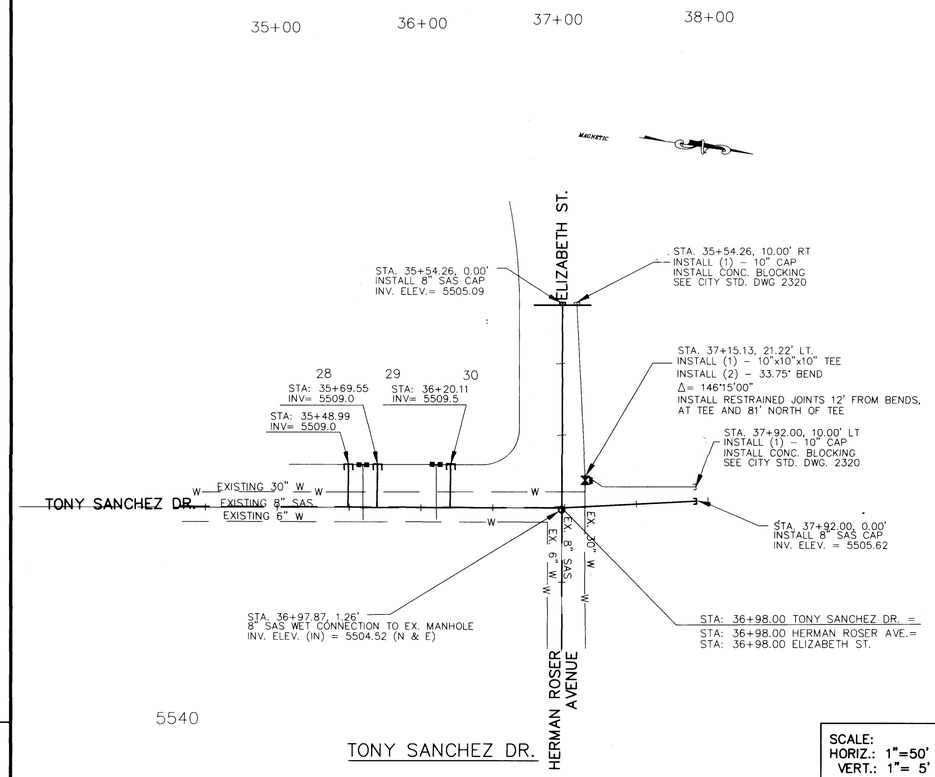
CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
TRANSPORTATION DEVELOPMENT

ARCHES RD. PAVING PLAN AND PROFILE
WILLOW WOOD UNIT 6 SUBDIVISION

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	MO./DAY/YR.	MO./DAY/YR.

City Project No.	Zone Map No.	Sheet 9a Of 11
4604.96	L-21-Z	

SCANNED BY
BY LASON



SCALE:
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KEYED NOTES

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— SAS —	EXISTING SANITARY SEWER
MH	EXISTING MANHOLE
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	EXISTING GATE VALVE
W	PROPOSED WATERLINE
SD	PROPOSED STORM DRAIN
SAS	PROPOSED SANITARY SEWER
●	PROPOSED MANHOLE
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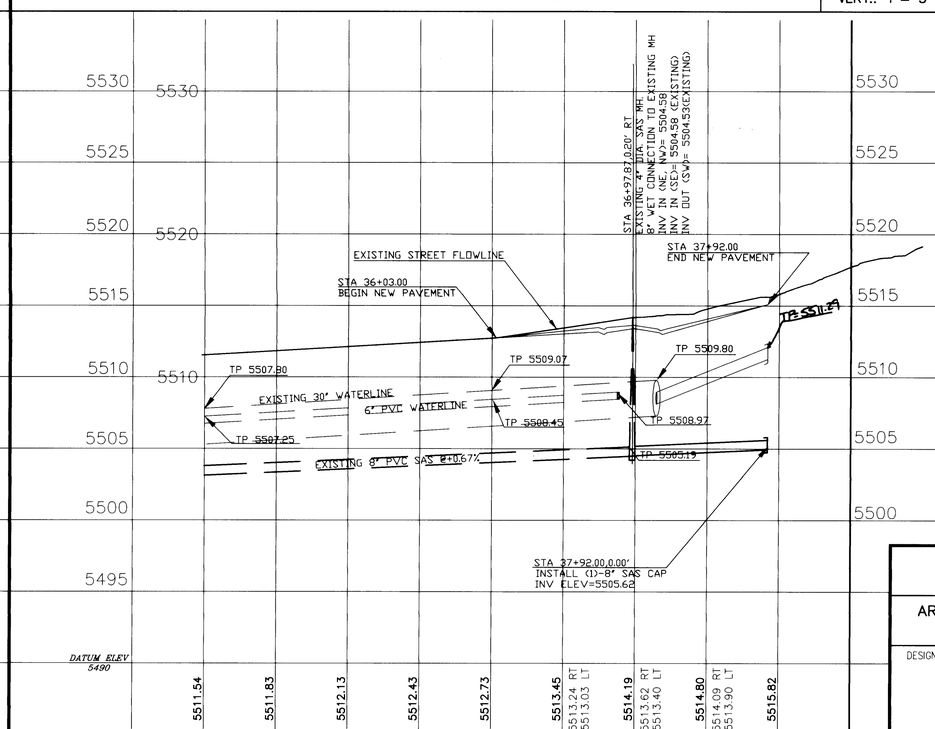

SCALE:
HORIZ.: 1"=50'
VERT.: 1"= 5'

AS BUILT INFORMATION

CONTRACTOR		
WORK STAKED BY		DATE
INSPECTOR'S ACCEPTANCE BY		DATE
FIELD VERIFICATION BY		DATE
DRAWINGS CORRECTED BY		DATE
MICRO-FILM INFORMATION		
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SURVEY INFORMATION

FIELD NOTES		
NO.	BY	DATE

ENGINEER'S SEAL

REGISTERED PROFESSIONAL ENGINEER 9677 10-2-98

NO.	DATE	REMARKS	BY
1	6/2/98	Wheel & Curb Inlet Revised	DRT

DESIGN

DESIGNED BY		DATE
DRAWN BY		DATE
CHECKED BY		DATE

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
TRANSPORTATION DEVELOPMENT

ARCHES RD. & TONY SANCHEZ DR. PAVING & UTILITY PLAN
WILLOW WOOD UNIT 6 SUBDIVISION

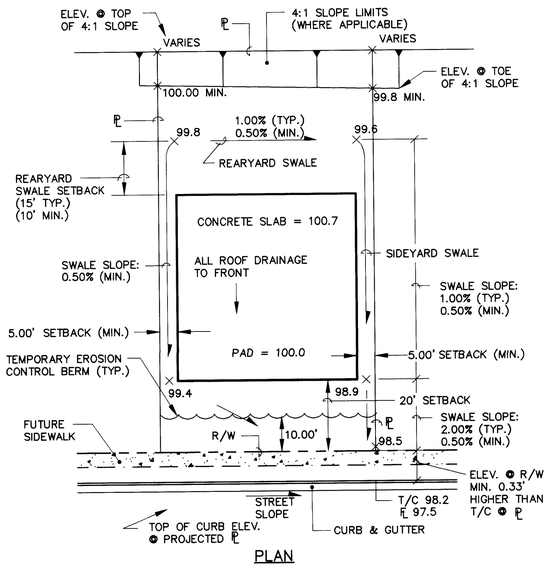
DESIGN REVIEW COMMITTEE

APPROVED
NOV - 8 1998
CITY ENGINEER

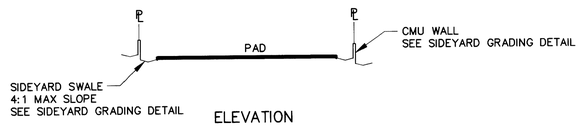
MO./DAY/YR.	MO./DAY/YR.

City Project No.	Zone Map No.	Sheet 9b Of 13
4604.96	L-21-Z	

SCANNED BY
BY LASON



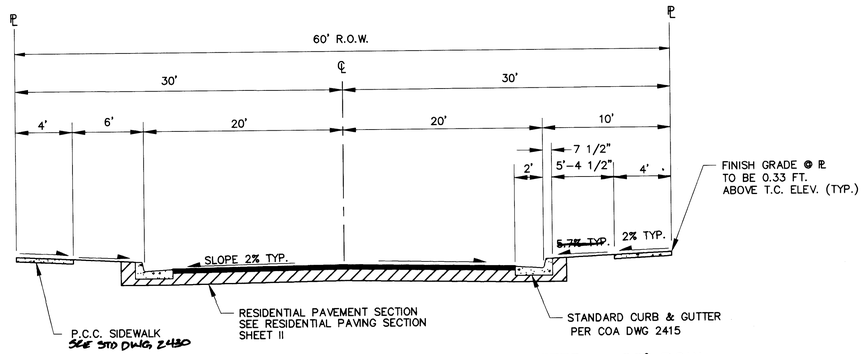
PLAN



ELEVATION

TYPICAL LOT GRADING DETAIL

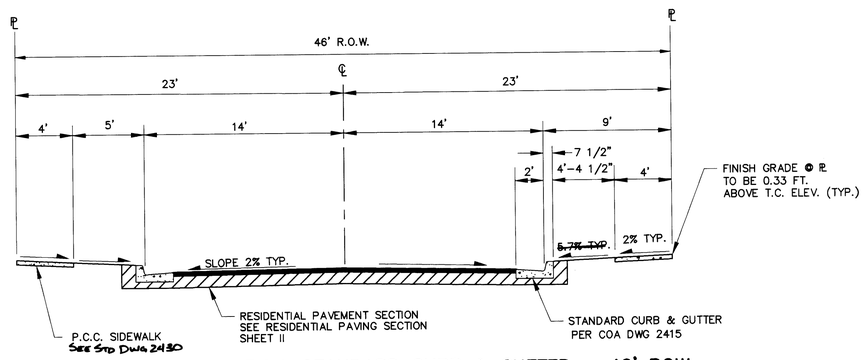
SCALE: 1"=20'



RESIDENTIAL STREET SECTION–STANDARD CURB & GUTTER – 60' ROW

ELIZABETH ST.
HERMAN ROSER AVE.

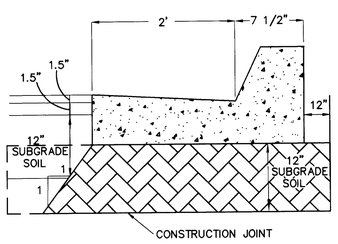
SCALE: 1"=5'



RESIDENTIAL STREET SECTION–STANDARD CURB & GUTTER – 46' ROW

LOS PADRES PL.
LOS PADRES ST.
ARCHES RD.

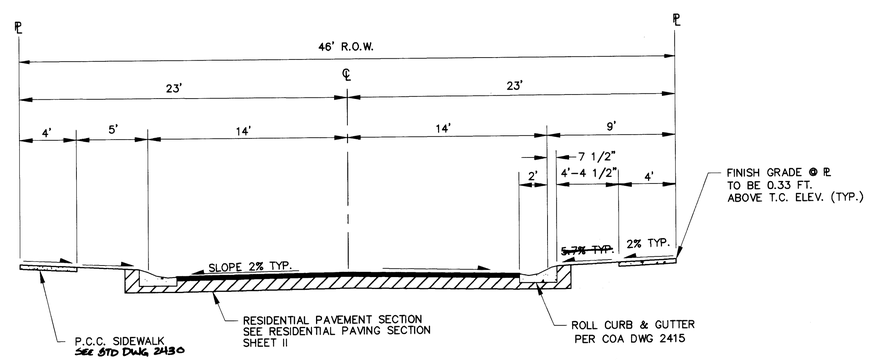
SCALE: 1"=5'



TYPICAL CURB AND GUTTER SECTION

PER COA DWG 2415

NTS



RESIDENTIAL STREET SECTION– ROLL CURB & GUTTER – 46' ROW

LOS PADRES PL.

SCALE: 1"=5'

LOT GRADING GENERAL NOTES:

1. LOT GRADING SHALL MEET THE SITE GRADING AND DRAINAGE CRITERIA FOR PROPOSED CONSTRUCTION AS SET FORTH BY THE DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT – FEDERAL HOUSING ADMINISTRATION IN CIRCULAR LETTER NO. 91–1, OFFICE OF THE MANAGER, ALBUQUERQUE, NEW MEXICO, DATED 1/25/91.

2. ELEVATION OF HIGHPOINT OF REARYARD SWALE SHALL BE MIN. OF 6" BELOW PAD ELEVATION.

3. FINISHED FLOOR ELEVATIONS (NOT SHOWN SHALL BE 8" ABOVE PAD ELEVATIONS (SHOWN).

4. FRONT YARD SIDEWALK SLOPE SHALL NOT EXCEED 10%.

5. DRIVEWAY SLOPE SHALL NOT EXCEED 14%. IF DRIVEWAY IS USED AS SIDEWALK, MAX–SLOPE SHALL NOT EXCEED 10%.

6. SLOPES SHALL NOT EXCEED 4:1.

7. THE CONTRACTOR MUST OBTAIN A TOPSOIL DISTURBANCE PERMIT FROM THE ENVIRONMENTAL HEALTH DIVISION PRIOR TO COMMENCING CONSTRUCTION.

8. THE CONTRACTOR IS TO REFER TO EARTHWORK SPECIFICATIONS AS NOTED IN THE SOILS REPORT SUPPLIED BY CURB INC.

9. THE CONTRACTOR SHALL CONFORM TO ALL CITY, COUNTY, STATE AND FEDERAL DUST CONTROL MEASURES AND REQUIREMENTS AND WILL BE RESPONSIBLE FOR PREPARING AND OBTAINING ALL NECESSARY APPLICATIONS AND APPROVALS.

10. THE CONTRACTOR SHALL ENSURE THAT NO SOIL ERODES FROM THE CONSTRUCTION SITE. EROSION CONTROL MEASURES ARE INTENDED TO CONTROL MINOR FLOWS AND PROHIBIT THE RELEASE OF SEDIMENT INTO ADJACENT STREETS AND PROPERTY. EROSION CONTROL AND DIVERSION BERMS SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE DETAIL SHOWN ON THIS SHEET, AT LOCATIONS SHOWN ON THE GRADING PLAN.

11. THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING TEMPORARY BERMS THROUGHOUT THE CONSTRUCTION PHASE. THE OWNER WILL MAINTAIN BERMS AFTER COMPLETION AND ACCEPTANCE OF CONSTRUCTION.

12. TEMPORARY EROSION CONTROL BERMS LOCATED ON INDIVIDUAL LOTS SHALL REMAIN IN PLACE UNTIL THE CONSTRUCTION OF EACH RESPECTIVE BUILDING IS COMPLETE, ON A LOT BY LOT BASIS.

13. THE TOLERANCES FOR ROUGH GRADING SHALL CONFORM TO THE FOLLOWING:

PAD SUBGRADE:	+/– 0.2'
STREET SUBGRADE:	+/– 0.2'
ALL OTHER AREAS:	+/– 0.5'

14. BACKYARD DRAINS TO BE PROVIDED AS DESIGNATED.

15. THE CONTRACTOR IS FULLY RESPONSIBLE FOR FIELD VERIFYING ALL EXISTING UTILITIES AND NOTIFY THE ENGINEER IMMEDIATELY OF ANY DISCREPANCIES. CAUTION SHALL BE EXERCISED WHEN WORKING IN THE VICINITY OF EXISTING UTILITIES. ANY DAMAGE TO EXISTING UTILITIES RESULTING FROM CONSTRUCTION ACTIVITIES WILL BE REPAIRED BY THE CONTRACTOR AT THE CONTRACTOR'S EXPENSE.

16. GRADE ELEVATIONS, WHERE NOTED, ARE FOR TOP OF STANDARD CURB UNLESS OTHERWISE SPECIFIED.

17. CONTRACTOR IS RESPONSIBLE FOR REPAIR AND/OR REPLACEMENT OF ALL UTILITY CONDUITS AND EXISTING LINES.

18. ANY DAMAGE TO THE EXISTING FACILITIES (CURB AND GUTTER, PAVEMENT, CONDUITS, LANDSCAPING, UTILITY LINES, ETC.) DURING CONSTRUCTION SHALL BE REPLACED AT THE CONTRACTORS EXPENSE.

19. THE CONTRACTOR SHALL REVEGETATE AND RE–ESTABLISH ALL AREAS WHICH ARE DISTURBED BY SITE GRADING AND ARE NOT TO RECEIVE PERMANENT SURFACE TREATMENTS. SPECIFICATIONS FOR SEEDING SHALL BE PER CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, LATEST EDITION, SECTION 1011, NATIVE SEEDING CLASS A.

OPERATION SHALL CONSIST OF PROTECTION OF SITE, PREPARATION OF SEEDBED, MULCHING, FERTILIZATION, AND THE PROVISION OF MATERIALS, LABOR, AND EQUIPMENT NECESSARY TO PERFORM THE OPERATION. THE SEED MIX SHALL BE AS DENOTED IN THE LIST BELOW.

SEED TYPE	LBS. PLS PER ACRE
GRASSES	
INDIAN RICE(10%) GRASS	15 LBS.
GALLETA GRASS(30%) 'VIVA'	3.5 LBS.
SIDE OATS(20%) GRAMA	2 LBS.
SAND(10%) DROPSEED	1 LB.
BLUE GRAMA(30%) 'HACHITA'	2 LBS.
WILD FLOWERS	
TAHOKA DAISY	1 LB.
YELLOW CONEFLOWER	1 LB.
GALLARDIA	1 LB.

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

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SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL
DAVID B. THOMPSON NEW MEXICO REGISTERED PROFESSIONAL ENGINEER 9844

NO.	DATE	REMARKS	BY

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

AVID ENGINEERING, INC.
Civil • Structural • Transportation
5801 Osuna Rd. NE – Suite 200
Albuquerque, NM 87109 – (505) 881–5357

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
TRANSPORTATION DEVELOPMENT

DETAILS
WILLOW WOOD, UNIT 6

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	MO./DAY/YR.	MO./DAY/YR.
APPROVED MAR 26 1998	APPROVED MAY – 8 1998 CITY ENGINEER		

City Project No. 4604.96 | Zone Map No. L–21–Z | Sheet 10 Of ~~11~~ 13

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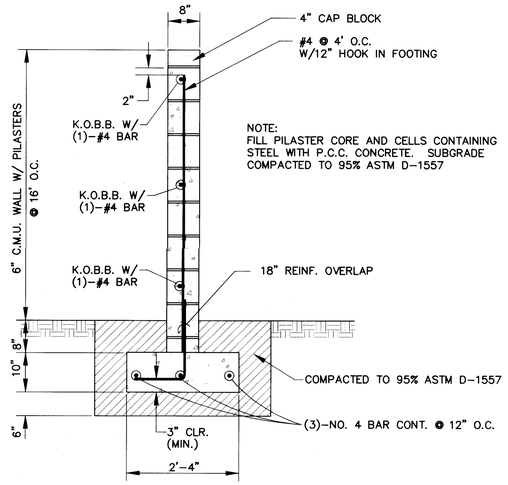
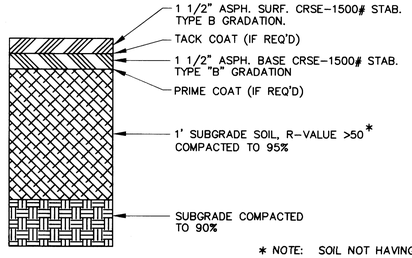


CMU GARDEN WALL DETAIL

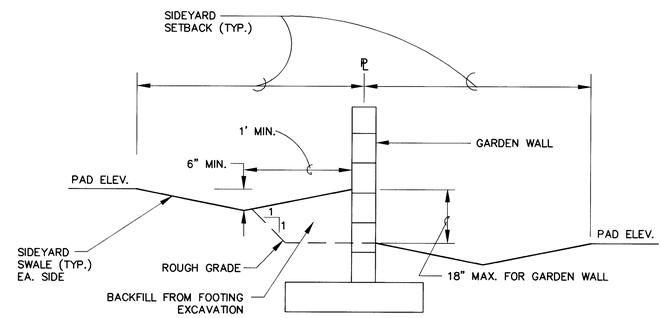
NTS



PAVING SECTION

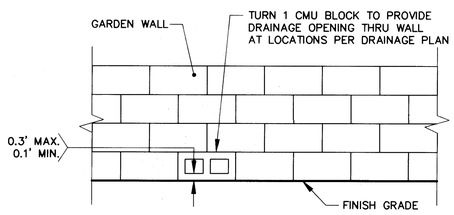
PER COA DWG 2405 NTS

* NOTE: SOIL NOT HAVING THE *MINIMUM R-VALUE* OF 50, SHALL BE REMOVED TO DEPTH OF 2' AND REPLACED, BY THE CONTRACTOR, WITH SUITABLE MATERIAL OR A PAVEMENT SECTION SHALL BE DESIGNED BY CONSULTANT ACCOMMODATING THE EXISTING R-VALUE PER COA SPECIFICATIONS.



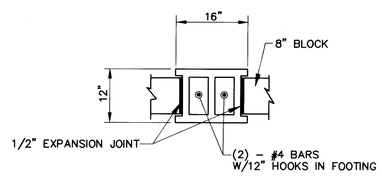
SIDEYARD GRADING DETAIL

NTS



CMU GARDEN WALL DRAIN DETAIL

NTS



PILASTER DETAIL

SCALE: 3/4" = 1'-0"

GENERAL NOTES FOR RETAINING WALL

1. REINFORCEMENT CLEARANCE IN ALL CMU = 2-3/4" MAX.
2. REINFORCEMENT CLEARANCE IN ALL CONCRETE = 2" MIN., UNLESS OTHERWISE NOTED.
3. 1/2" FELT EXPANSION JOINT TO BE PROVIDED EVERY 16 FT. IN CMU AND CONCRETE AND AT TRANSITIONS IN SECTIONS.
4. ALL CMU RETAINING WALL CELLS CONTAINING REINFORCEMENT SHALL BE FILLED WITH CONCRETE.
5. ALL FOOTING COMPACTION SHALL BE 95% MODIFIED PROCTOR PER ASTM D-1557.
6. TWO (2) WORKING DAYS BEFORE CONSTRUCTION, CONTRACTOR SHALL NOTIFY LINE LOCATING SERVICE, 765-1234, FOR UTILITY LOCATIONS. CONTRACTOR SHALL COORDINATE ANY ADJUSTMENTS TO UTILITIES WITH THE UTILITIES COMPANIES.
7. DUR-O-WALL 9 GA. DIAG. EVERY OTHER COURSE MAY BE USED AS AN ALTERNATIVE TO BOND BEAMS.
8. MOISTURE BARRIER COATING SHALL BE APPLIED TO ALL BURIED CMU SURFACES.
9. BACK FILLING AGAINST REINFORCED CONCRETE MASONRY RETAINING WALL SHOULD NOT BE PERMITTED UNTIL AT LEAST 7 DAYS AFTER PLACING THE CORE FILL GROUT. WHERE HEAVY EQUIPMENT IS USED IN BACK FILLING WALLS DESIGNED TO RESIST EARTH PRESSURE ONLY, SUCH EQUIPMENT SHOULD NOT APPROACH CLOSER TO THE TOP OF THE WALL THAN A DISTANCE EQUAL TO THE HEIGHT OF THE WALL. CARE SHOULD ALSO BE TAKEN TO AVOID EXERTING LARGE IMPACT FORCES ON THE WALL AS COULD BE CAUSED BY A LARGE MASS OF MOVING EARTH.
10. INSPECTION OF WALLS DURING CONSTRUCTION BY THE ENGINEER IS REQUIRED FOR ACCEPTANCE.

MATERIALS

CONCRETE:	f'c = 4000 PSI
GROUT:	f'c = 2500 PSI
MORTAR:	1800 PSI (TYPE S)
MASONRY:	f'm = 1500 PSI
REINFORCING:	GRADE 60

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

BENCH MARKS
THE STATION MARK IS A STANDARD ACS BRASS TABLET, STAMPED "1-L21 RESET 1974", LOCATED 7.81 MILES EAST OF DOWNTOWN ALBUQUERQUE, AT THE INTERSECTION OF CENTRAL AVE. AND JUAN TABO BLVD. THE STATION IS ON THE MEDIAN STRIP OF CENTRAL AVE., 81' WEST OF THE CENTERLINE OF JUAN TABO BLVD. AND FLUSH WITH THE TOP OF CURB.
SLD ELEV. 5534.63

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL

NO.	DATE	REMARKS	BY

DESIGN
DESIGNED BY DATE
DRAWN BY DATE
CHECKED BY DATE

AVID ENGINEERING, INC.
Civil • Structural • Transportation
5801 Osuna Rd. NE - Suite 200
Albuquerque, NM 87109 - (505) 881-5357

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
TRANSPORTATION DEVELOPMENT

WALL DETAILS
WILLOW WOOD UNIT 6 SUBDIVISION

DESIGN REVIEW COMMITTEE
APPROVED
MAR 26 1998
DESIGN REVIEW COMMITTEE

CITY ENGINEER APPROVAL
APPROVED
MAY - 8 1998
CITY ENGINEER

MO./DAY/YR. MO./DAY/YR.

City Project No.	Zone Map No.	Sheet 11 Of 13
4604.96	L-21-Z	

SCANNED BY LASON

CONSTRUCTION TRAFFIC CONTROL GENERAL NOTES

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

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

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

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

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

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

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

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

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

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

11. ALL WORK IN ARTERIAL ROADWAYS SHALL BE ON A CONTINUOUS 24 HOUR PER DAY BASIS UNTIL COMPLETED 1

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. 2 48 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.

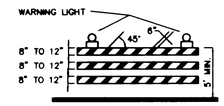
23. FAILURE TO COMPLY WITH ANY OF THE ABOVE MENTIONED, WILL BE ADEQUATE CAUSE TO CEASE ALL WORK ON ANY CONSTRUCTION PROJECT. WORK WILL NOT RESUME UNTIL ALL REQUIREMENTS ARE ADDRESSED AND APPROVED BY CONSTRUCTION COORDINATION.

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

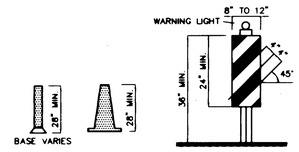
25. TRAFFIC CONTROL STANDARDS APPLY ONLY WHERE THE CONSTRUCTION TRAFFIC CONTROL PLANS ARE NOT SPECIFIC.

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. 3

27. CONTRACTOR SHALL MAINTAIN A GRAFFITI-FREE WORKSITE. ALL GRAFFITI SHALL BE PROMPTLY REMOVED FROM ALL EQUIPMENT, BOTH PERMANENT AND TEMPORARY. 4



TYPE III BARRICADE

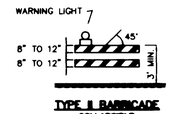


CONES VERTICAL PANEL HIGH LEVEL WARNING DEVICE

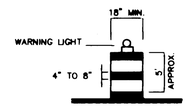
LEGEND

- 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

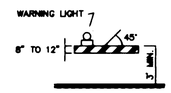
THE TANGENT LENGTH IS EQUAL TO THE TAPER LENGTH FOR A GIVEN STREET.



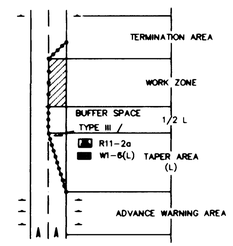
TYPE II BARRICADE COLLAPSIBLE



BARREL



TYPE I BARRICADE COLLAPSIBLE



TRAFFIC CONTROL ELEMENTS

TAPER REQUIREMENTS

SPEED LIMIT (MPH)	TAPER LENGTH (L) (FEET) 10' LANE	11' LANE	12' LANE	MINIMUM NUMBER OF DEVICES FOR TAPER	MAXIMUM DEVICE SPACING IN FEET 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

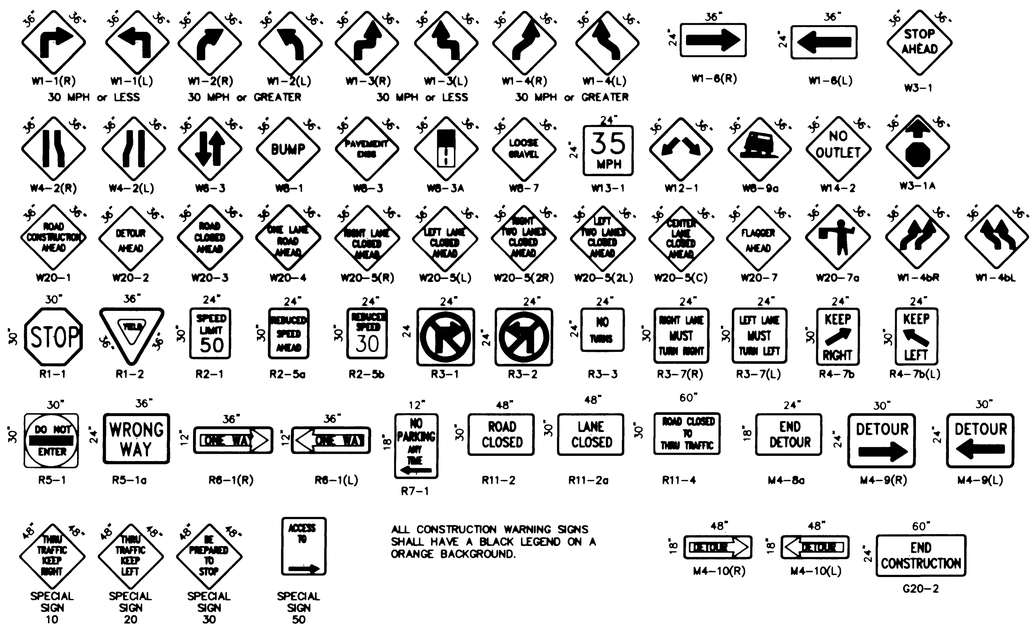
TYPE OF TAPER	TAPER LENGTH
UPSTREAM TAPER:	
MERGING TAPER	L MINIMUM
SHIFTING TAPER	1/2 L MINIMUM
SHOULDER TAPER	1/2 L MINIMUM
TWO-WAY TRAFFIC TAPER	100 FEET MAXIMUM
DOWNSTREAM TAPERS	100 FEET PER LANE

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.

NO.	DATE	REMARKS	BY
4	8/25/93	ADD NOTE NO. 27	J.D.L.
3	9/24/97	REVISED NOTE NO 26	J.D.L.
2	9/24/97	REVISED NOTE NO.19	J.D.L.
1	9/24/97	REVISED NOTE NO. 11	J.D.L.

REVISIONS

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

AS BUILT INFORMATION: CONTRACTOR / WORK / REPRESENTATIVE / ACCEPTANCE BY / DATE / VERIFICATION BY / DATE / COMPUTED BY / DATE / MICRO-FILM INFORMATION / RECORDED BY / DATE / NO.

BENCH MARKS

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

ENGINEER'S SEAL

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

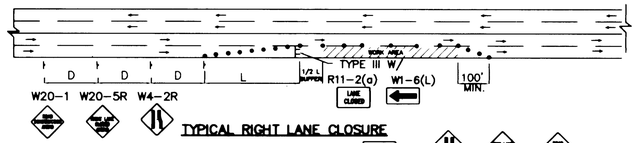
TITLE: **SIGNING AND CONSTRUCTION TRAFFIC CONTROL STANDARDS**

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

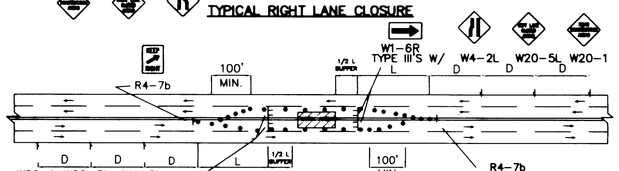
PROJECT NO. 4604.96 | MAP NO. L-21 | SHEET 12 OF 13

SCANNED BY BY

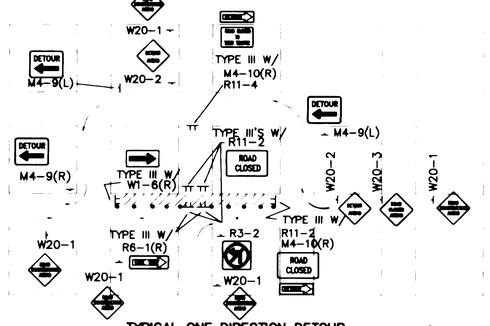
C:\CSTNDI.DWG



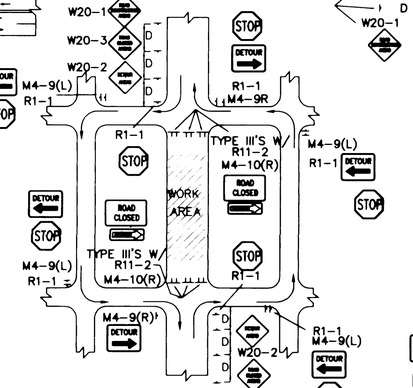
TYPICAL RIGHT LANE CLOSURE



TYPICAL LEFT LANE CLOSURE

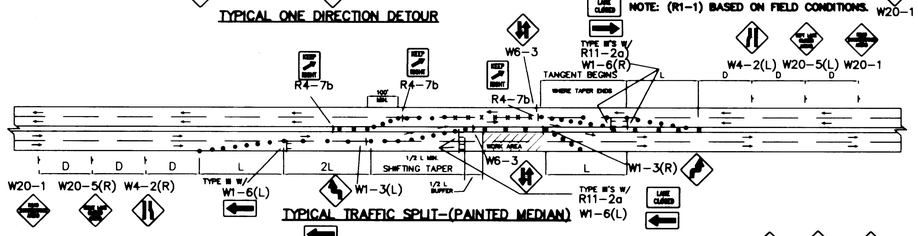


TYPICAL ONE DIRECTION DETOUR

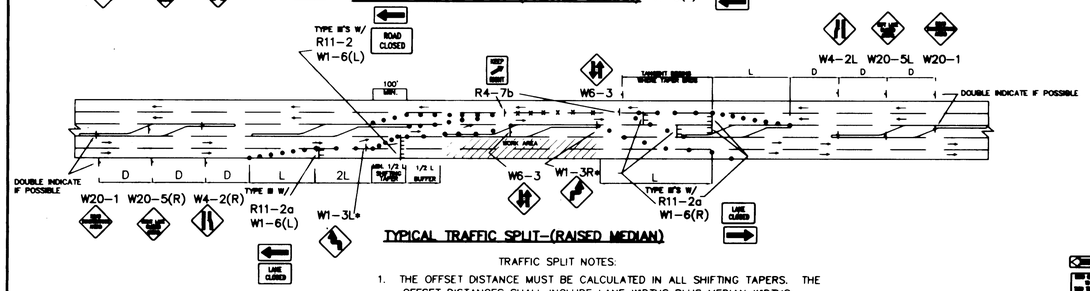


TYPICAL STREET CLOSURE

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



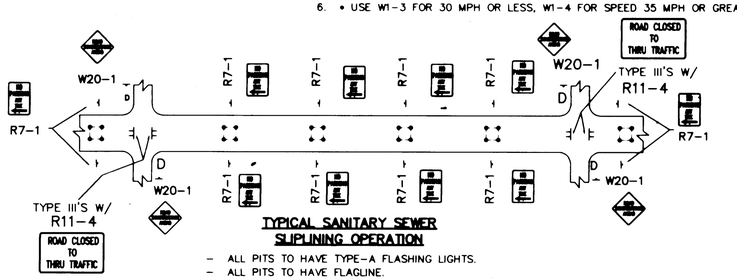
TYPICAL TRAFFIC SPLIT-(PAINTED MEDIAN)



TYPICAL TRAFFIC SPLIT-(RAISED MEDIAN)

TRAFFIC SPLIT NOTES:

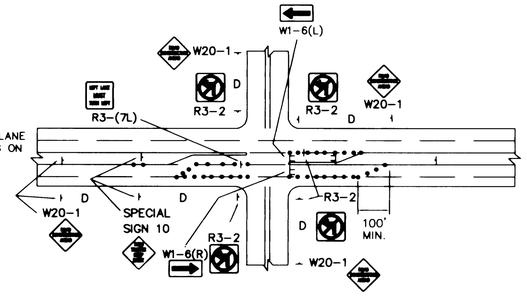
1. THE OFFSET DISTANCE MUST BE CALCULATED IN ALL SHIFTING TAPERS. THE OFFSET DISTANCES SHALL INCLUDE LANE WIDTHS PLUS MEDIAN WIDTHS.
2. 1/2 L IS MINIMUM DISTANCE FOR SHIFTING TAPERS.
3. REVERSE CURVES MAY BE IMPLEMENTED. ALL CURVE DATA SHALL BE CALCULATED.
4. MEDIAN REMOVAL SHALL BE REQUIRED IF 1/2 L 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 SANITARY SEWER SLIPLINING OPERATION

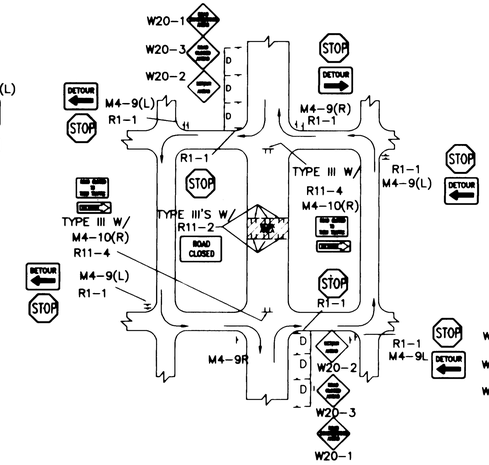
- ALL PITS TO HAVE TYPE-A FLASHING LIGHTS.
- ALL PITS TO HAVE FLAGLINE.

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



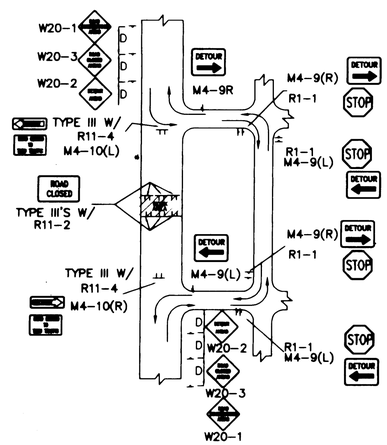
TYPICAL LANE CLOSURE AT INTERSECTION

NOTE: DEPENDING ON WORK ZONE LOCATION



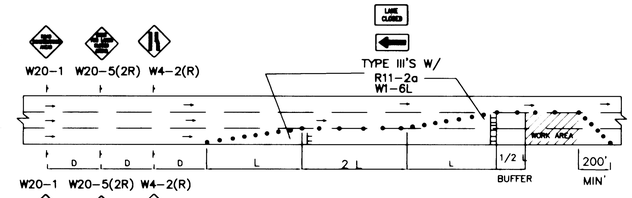
TYPICAL MID-BLOCK CLOSURE

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

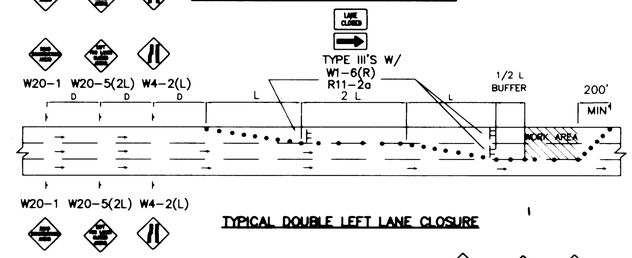


TYPICAL STREET CLOSURE

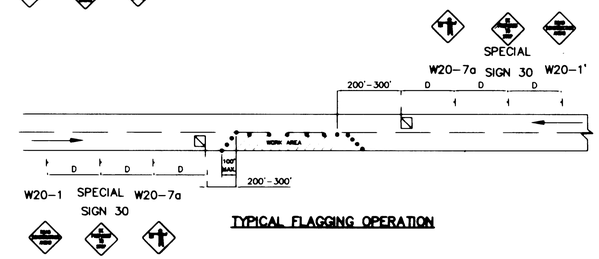
NOTE: (R1-1) BASED ON FIELD CONDITIONS.



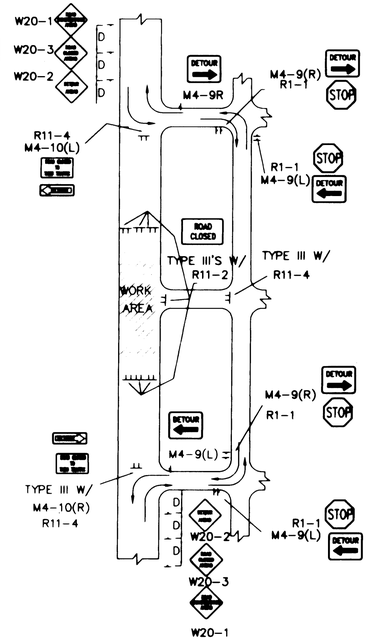
TYPICAL DOUBLE RIGHT LANE CLOSURE



TYPICAL DOUBLE LEFT LANE CLOSURE

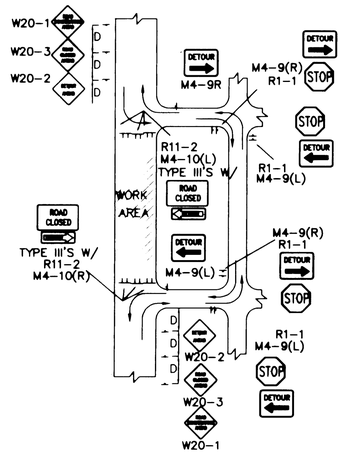


TYPICAL FLAGGING OPERATION



TYPICAL STREET CLOSURE

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



TYPICAL STREET CLOSURE

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

GENERAL NOTE:

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

ALL ADVANCE WARNING SIGNS SHALL BE A MINIMUM OF 36" THIRTY SIX INCHES BY 36" THIRTY SIX INCHES IN SIZE AND SHALL HAVE ONE WARNING LIGHT. △1

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

BENCH MARKS

SURVEY INFORMATION
FIELD NOTES
NO. BY DATE

ENGINEER'S SEAL

NO.	DATE	REMARKS	BY
△1	9/2497	REVISED GENERAL NOTE	J.D.L.

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
COA Standard				

PROJECT NO. 4604.96 | MAP NO. L-21 | SHEET 12 OF 13

CTCSTNDZ.DWG

SCANNED BY
BY LASON