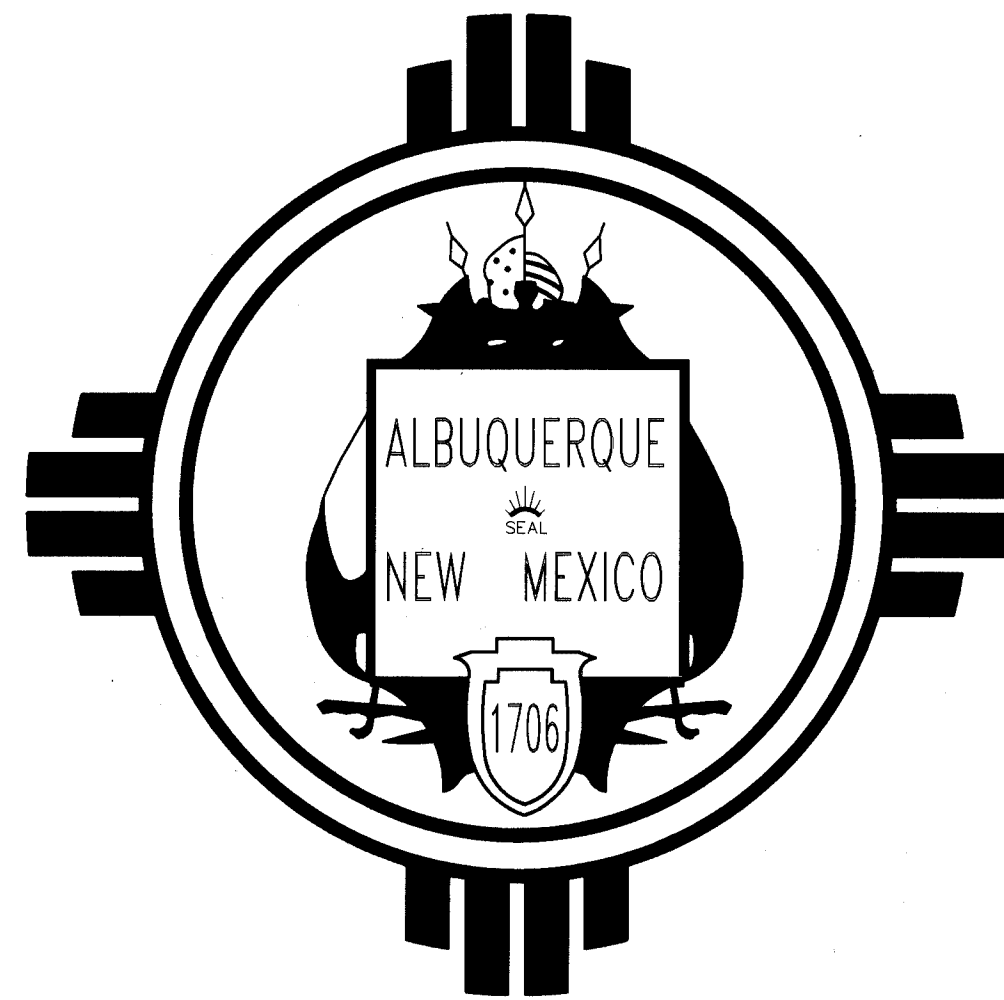




CONSTRUCTION PLANS FOR

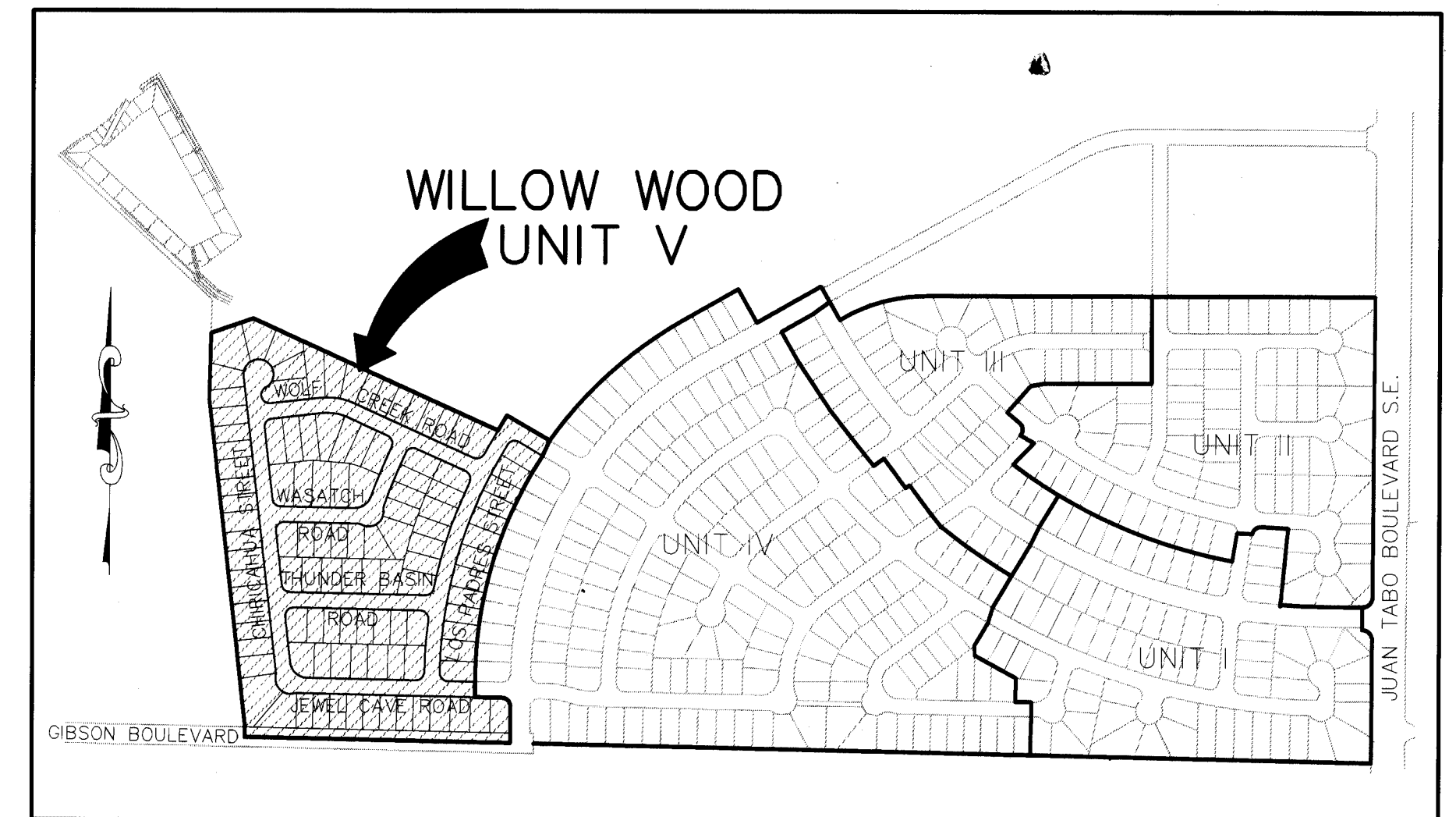
WILLOW WOOD - UNIT V

SUBDIVISION

DRAINAGE, GRADING, PAVING, AND UTILITY IMPROVEMENTS

INDEX

SHT. NO.	TITLE
1.	TITLE SHEET
2A & 2B	PLAT
3.	OVERALL PAVING PLAN
4.	OVERALL UTILITY PLAN
5.	GRADING & DRAINAGE PLAN
6.	GRADING & DRAINAGE PLAN
7.	DRAINAGE DETAILS
8.	CHIRICAHUA STREET & CHIRICAHUA COURT - PAVING PLAN & PROFILE
9.	LOS PADRES STREET - PAVING PLAN & PROFILE
10.	JEWEL CAVE ROAD - PAVING PLAN & PROFILE
11.	THUNDER BASIN ROAD - PAVING PLAN & PROFILE
12.	WASATCH ROAD - PAVING PLAN & PROFILE
13.	WOLF CREEK ROAD - PAVING PLAN & PROFILE
14.	ARCHES ROAD - PAVING AND UTILITY PLAN & PROFILE
15.	GIBSON BOULEVARD - PAVING AND UTILITY PLAN & PROFILE
16.	CHIRICAHUA STREET & CHIRICAHUA COURT - UTILITY PLAN & PROFILE
17.	LOS PADRES STREET - UTILITY PLAN & PROFILE
18.	JEWEL CAVE ROAD - UTILITY PLAN & PROFILE
19.	THUNDER BASIN ROAD - UTILITY PLAN & ROAD
20.	WASATCH ROAD - UTILITY PLAN & PROFILE
21.	WOLF CREEK ROAD - UTILITY PLAN & PROFILE
22.	CHIRICAHUA STREET & CHIRICAHUA COURT - STORM DRAIN PLAN & PROFILE
23.	STREET PAVING SECTIONS
24.	WALL DETAILS



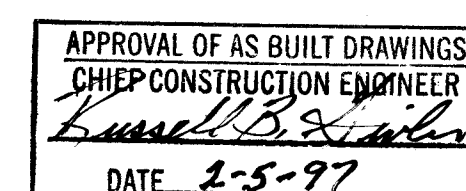
LOCATION MAP
ZONE ATLAS MAP L-21-Z

GENERAL NOTES

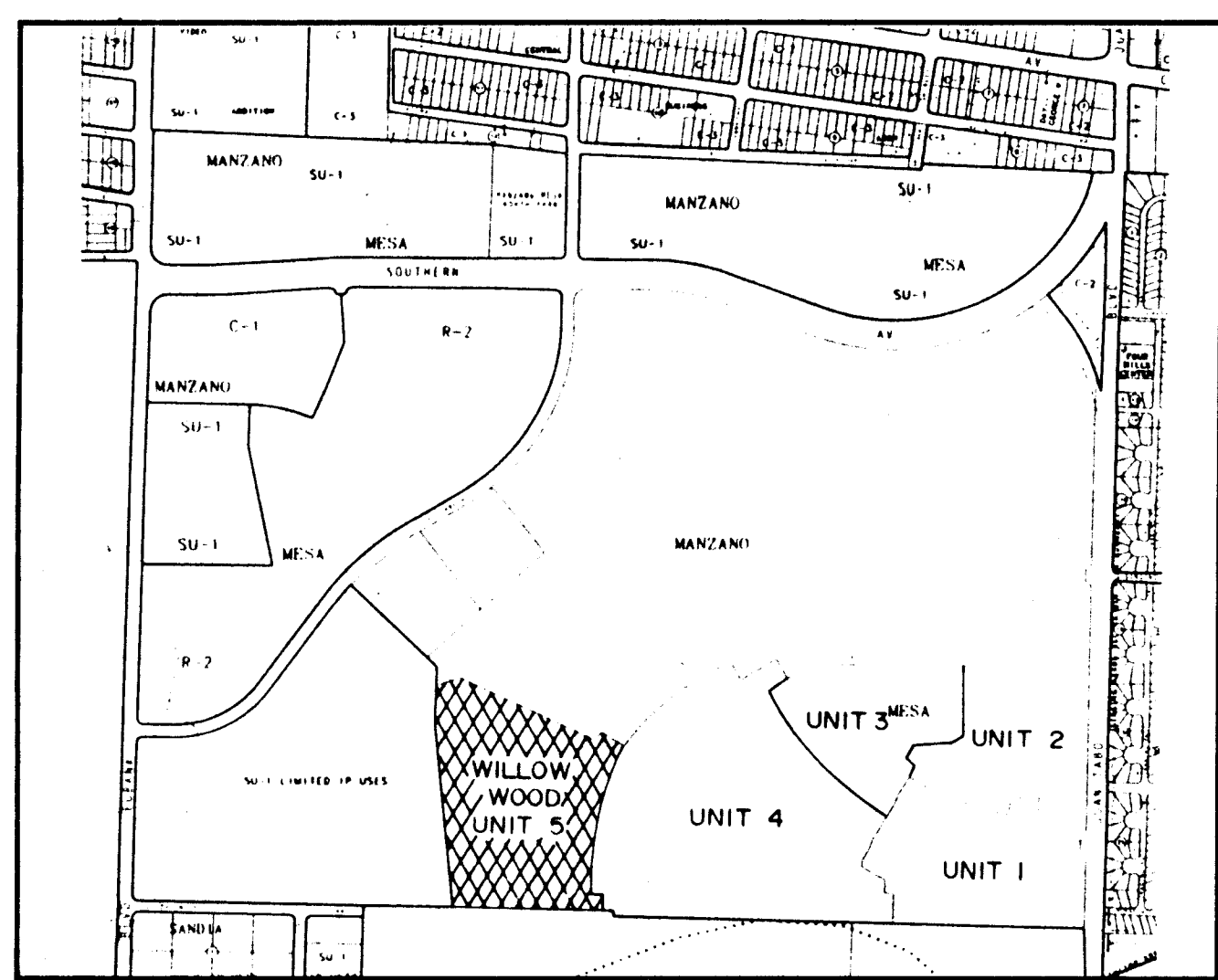
- ALL WORK DETAILED ON THESE PLANS TO BE PERFORMED UNDER CONTRACT, AND UNLESS STATED OTHERWISE OR PROVIDED FOR HEREIN, SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS, PUBLIC WORKS CONSTRUCTION, 1986 EDITION, UPDATE NO. 6.
- TWO WORKING DAYS PRIOR TO ANY EXCAVATION, THE CONTRACTOR MUST CONTACT NEW MEXICO ONE CALL, 260-1990, FOR LOCATION OF EXISTING UTILITIES.
- 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.
- ALL WORK ON THIS PROJECT SHALL BE PERFORMED IN ACCORDANCE WITH APPLICABLE FEDERAL, STATE AND LOCAL LAWS, RULES, AND REGULATIONS CONCERNING SAFETY AND HEALTH.
- CONTRACTOR SHALL MAINTAIN ACCESS TO ADJACENT PROPERTIES DURING CONSTRUCTION.
- 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.
- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PROTECT AND MAINTAIN IN SERVICE ALL EXISTING UTILITIES.
- 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.
- 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.
- 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.
- THREE (3) WORKING DAYS PRIOR TO BEGINNING CONSTRUCTION, THE CONTRACTOR SHALL SUBMIT TO THE CONSTRUCTION COORDINATION DIVISION A DETAILED CONSTRUCTION SCHEDULE. TWO (2) WORKING DAYS PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL OBTAIN A BARRICADE PERMIT FROM THE CONSTRUCTION COORDINATION DIVISION. CONTRACTOR SHALL NOTIFY BARRICADE ENGINEER (768-2551) PRIOR TO OCCUPYING AN INTERSECTION. SEE SECTION 19 OF THE SPECIFICATIONS.
- 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.
- CONTRACTOR SHALL SUBMIT A REVEGETATION PLAN TO ENGINEER FOR PRIOR APPROVAL.
- 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.

REV.	SHEETS	CITY ENGINEER	DATE	USER DEPARTMENT	DATE	USER DEPARTMENT	DATE
APPROVAL OF REVISIONS							

2 3 4 5 6 7 8 9 10 11 12 13 14 15
26-4604-94 0197



PLANS PREPARED UNDER DIRECTION OF: DATE: 9/14/95	AVID ENGINEERING, INC. Civil • Structural • Transportation 6100 Seagull St. NE - Suite 102 Albuquerque, NM 87109 - (505) 881-5357	APPROVED FOR CONSTRUCTION CITY ENGINEER 05/14/96
PROJECT NO. 4604.94		SHEET 1 OF 24



VICINITY MAP
ZONE ATLAS MAP NO. L-21-Z

SUBDIVISION DATA

- DRB Case No. 92-106
- Zone Atlas Index No.: L-21-Z
- Number of Lots Created: 104 Lots & 1 Tract
- Gross Subdivision Acreage: 20.6098 Ac.
- Total Mileage of Full Width Streets Created: 0.804 Miles
- Date of Survey: June 1994

NOTES

- Bearings are grid bearings based on New Mexico State Plane Grid System (Central Zone).
- Basis of Bearing: S83°21'07"E, Between ACS Monuments "5-L21" & "6-L21".
- Distances are ground distances.
- Centerline (in lieu of R/W) monumentation to be installed 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", "N.M.P.S. 11462" shown hereon by ▲.
- Denotes found 5/8" rebar w/plastic cap stamped "PS 3243".
- Denotes found 5/8" rebar w/plastic cap stamped "PS 8478".
- Denotes 5/8" rebar w/plastic cap stamped "AVID ENG. NMPS 11462" set.
- All Lots marked "P1" shall meet the Off-Street Parking criteria of the City of Albuquerque Comprehensive Zoning Code.
- All lots to have a 10' Public Utility Easement (P.U.E.) along the front Lot Line, to be granted by this plat (see P.U.E. note Sheet 1 of 4).
- City of Albuquerque water and sanitary sewer services to all lots created must be verified and coordinated with Public Works Department, City of Albuquerque.
- Tract A shall be conveyed in fee, owned in perpetuity by and shall be for the benefit of the Willow Wood Homeowners Association, an association of homeowners of lots within the Willow Wood Subdivision ("The Association"). The Association shall have an obligation to maintain Tract A.

PURPOSE OF PLAT

- Subdivide Manzano Mesa Tract D-1-A-1-A into Willow Wood Unit 5 containing 104 Lots & 1 Tract.
- Dedicate public right-of-way for residential streets.
- Grant Public Utility Easements (P.U.E.).
- Grant public drainage easement.
- Vacate existing public and private drainage easement. (Vac. Ac No. V-94-129)

DESCRIPTION

A certain Tract of land situate within Section 28, Township 10 North, Range 2 East, New Mexico Principal Meridian, Bernalillo County, New Mexico, comprising all of Tract D-1-A-1-A, Manzano Mesa, as the same is shown and designated on the plat entitled "PLAT OF TRACTS D-1-A-1-A AND D-1-A-1-B MANZANO MESA", as filed for record in the Office of the County Clerk of Bernalillo County, New Mexico, on May 26, 1994 in Volume 94C, Folio 174, and being more particularly described by grid bearings and ground distances as follows:

BEGINNING at a point being the northwest corner of said Tract D-1-A-1-A, a 5/8" rebar with plastic cap stamped "PS 3243", from whence the City of Albuquerque Control Monument "5-L21 Reset" bears N21°39'45"W a distance of 4147.61 feet; then following along the northerly boundary of said Tract D-1-A-1-A for the next four (4) courses, N70°50'21"E a distance of 133.59 feet to a point; then S65°30'35"E a distance of 806.63 feet to a point; then N30°20'56"E a distance of 52.36 feet to a point; then S59°39'04"E a distance of 148.00 feet to a point being the northeast corner of said Tract D-1-A-1-A; then following along the easterly boundary line of said Tract D-1-A-1-A for the next six (6) courses, S24°03'26"W a distance of 50.30 feet to a point; then 717.08 feet along the arc of a curve to the left having a radius of 1236.13 feet, a delta of 33°14'14" and a chord bearing S16°26'34"W a distance of 707.06 feet to a point; then S01°11'55"W a distance of 46.00 feet to a point; then S88°48'45"E a distance of 82.12 feet to a point of curvature; then 38.91 feet along the arc of a curve to the right having a radius of 25.00 feet, a delta of 89°09'50" and a chord bearing S44°13'50"E a distance of 35.10 feet to a point of tangency; then S00°21'05"W a distance of 80.37 feet to a point being the southeast corner of said Tract D-1-A-1-A; then following the southerly boundary of said Tract D-1-A-1-A, N88°48'45"W a distance of 794.62 feet to a point being the southwest corner of said Tract D-1-A-1-A; then following along the westerly boundary of said Tract D-1-A-1-A, N06°22'08"W a distance of 988.58 feet to a point; then continuing along said westerly boundary N01°30'00"E a distance of 198.54 feet to the point and place of beginning, containing 897,761.10 square feet (20.6098 acres) more or less.

P.U.E. NOTE

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

- The Public Services Company of New Mexico for the installation, maintenance, and service of overhead and underground electrical lines, transformers, poles and any other equipment, fixtures, structures and related facilities reasonably necessary to provide electrical service.
- The Gas Company of New Mexico for installation, maintenance, and service of natural gas lines, valves and other equipment and facilities reasonably necessary to provide natural gas.
- 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.
- Jones Interchange 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 electricity safety code caused by construction of pools, decking, or other structures adjacent to, within, or near easements shown on this plat.

OWNER'S FREE CONSENT AND DEDICATION

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

Manzano Mesa Limited Partnership

Charles A. Haegelin, President, Curb Inc., General Partner
12-2-94

STATE OF NEW MEXICO) SS
COUNTY OF BERNALILLO)

This Instrument was Acknowledged before me on December 2, 1994.

Notary Public

SUBDIVISION PLAT FOR WILLOW WOOD UNIT 5 Albuquerque, Bernalillo County New Mexico DECEMBER, 1994

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

Michael Dant
Traffic Div., City of Albuquerque, N.M.
12-13-94

Robert W. Kane
Water Utilities Dept., City of Albuquerque, N.M.
12-13-94

P. J. Hurbert
Parks and Recreation Dept., City of Albuquerque, N.M.
12-13-94

For Jan Trabo
City Surveyor, City of Albuquerque, N.M.
12-5-94

OG Ruben
Property Management, City of Albuquerque, N.M.
5-25-95

County Treasurer, Bernalillo County, N.M.

Date

Joe Dunlop
Gas Company of New Mexico
5-17-95

Norma S. Carrillo
U.S. West Telecommunications
5-19-95

Public Service Company of New Mexico
5-23-95

James Ann
Jones Interchange, Inc.
05-17-95

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 Subdivision Ordinance, and further meets the Minimum Standards for Land Surveying in the State of New Mexico (Effective February 2, 1994), and that interior corners shall be set in accordance with said standards.

Ruan S. Bacigalupa
Ruan S. Bacigalupa, N.M.P.S. 11462
AVID Engineering, Inc.
6100 Seagull St. NE, Suite 102
Albuquerque, New Mexico, 87109
12/1/94



INDEXING INFORMATION FOR COUNTY CLERK

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

DATE: DECEMBER, 1994
AVID JOB No. 4090.473

AVID ENGINEERING, INC.
Civil - Structural - Transportation
6100 Seagull St. NE - Suite 102
Albuquerque, NM 87109 - (505) 881-5357

SHEET 1 OF 4

SUBDIVISION PLAT FOR WILLOW WOOD UNIT 5 Albuquerque, Bernalillo County New Mexico DECEMBER, 1994

CURVE DATA (NOTE: Curve data continues on Sheet 3 of 4)

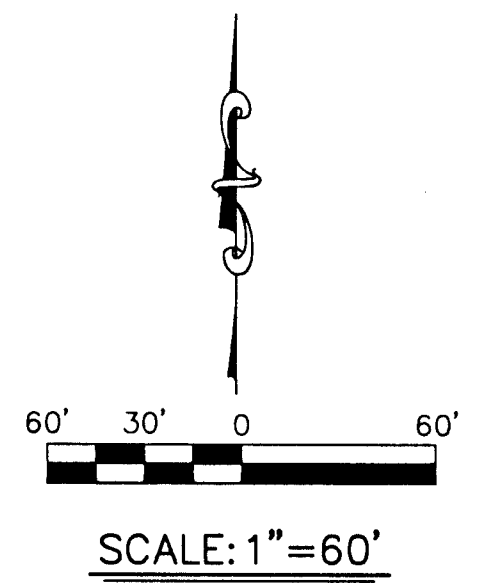
CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA
C1	1236.13	717.08	368.94	707.06	S16°26'34"W	33°14'14"
C2	25.00	38.91	24.64	35.10	S44°13'50"E	89°09'50"
C3	75.00	107.92	65.71	98.85	S47°35'27"E	82°26'37"
C4	1365.26	714.79	365.79	706.65	N15°21'00"E	29°58'51"
C5	1365.26	224.27	112.39	224.27	N05°03'27"E	09°24'44"
C6	1365.26	420.49	211.92	418.83	N18°35'13"E	17°38'49"
C7	1365.26	70.02	35.02	70.01	N28°52'47"E	02°56'19"
C8	75.00	93.76	54.12	87.78	N55°22'22"E	73°14'47"
C9	175.00	94.25	48.30	93.12	S80°56'22"E	30°51'33"
C10	1621.26	139.57	69.83	139.52	S22°01'26"W	04°55'56"
C11	25.00	1.61	0.80	1.61	N89°20'36"E	03°41'19"
C12	25.00	6.23	3.13	6.21	N80°21'41"E	14°16'30"
C13	45.00	35.69	18.85	34.77	S84°03'09"E	45°26'50"
C14	45.00	57.27	33.25	53.49	S24°52'01"E	72°55'25"
C15	25.00	7.84	3.95	7.81	S02°36'46"W	17°57'49"
C16	1236.13	64.05	32.03	64.04	S01°18'31"W	02°58'08"
C17	25.00	33.19	24.92	35.30	N43°54'30"W	89°48'29"
C18	1342.26	42.11	21.05	42.10	N01°53'39"E	01°47'50"
C19	1236.13	58.30	29.16	58.30	S04°08'39"W	02°42'09"
C20	1342.26	63.31	31.66	63.30	N04°08'39"E	02°42'09"
C21	1236.13	58.30	29.16	58.30	S06°50'48"W	02°42'09"
C22	1342.26	63.31	31.66	63.30	N06°50'48"E	02°42'09"
C23	1236.13	58.30	29.16	58.30	S09°32'57"W	02°42'09"
C24	1342.26	63.31	31.66	63.30	N09°32'57"E	02°42'09"
C25	1236.13	58.30	29.16	58.30	N09°32'57"E	02°42'09"
C26	1342.26	63.31	31.66	63.30	N12°15'08"E	02°42'09"
C27	1236.13	58.30	29.16	58.30	S14°57'15"E	02°42'09"
C28	1342.26	63.31	31.66	63.30	N14°57'15"E	02°42'09"
C29	1388.26	50.00	25.00	50.00	S14°05'39"W	02°03'49"
C30	1493.26	28.89	14.45	28.89	N14°54'30"W	01°06'31"
C31	1388.26	39.26	19.63	39.26	S12°15'08"E	01°37'14"
C32	25.00	34.80	20.88	32.05	S51°18'53"W	79°44'44"
C33	25.00	35.97	21.90	32.95	N47°35'27"W	82°26'37"
C34	25.00	42.57	26.64	37.61	N42°24'34"E	87°33'23"
C35	25.00	42.03	27.32	37.25	S40°39'08"E	96°10'14"
C36	1388.26	77.52	38.77	77.51	S05°54'30"W	03°11'58"
C37	1388.26	79.96	39.99	79.95	S02°39'31"W	03°18'00"
C38	25.00	39.35	25.08	35.41	S46°05'53"W	90°10'44"
C39	52.00	74.82	45.66	68.53	N47°35'27"W	82°26'37"
C40	1236.13	58.30	29.16	58.30	S17°39'23"E	02°42'09"
C41	1342.26	63.31	31.66	63.30	N17°39'23"E	02°42'09"
C42	1236.13	58.30	29.16	58.30	S20°21'32"E	02°42'09"
C43	1342.26	63.31	31.66	63.30	N20°21'32"E	02°42'09"
C44	1236.13	58.30	29.16	58.30	S23°03'41"W	02°42'09"
C45	1342.26	63.31	31.66	63.30	N23°03'41"E	02°42'09"
C46	1236.13	58.30	29.16	58.30	S25°45'50"W	02°42'09"
C47	1342.26	63.31	31.66	63.30	N25°45'50"E	02°42'09"
C48	1236.13	58.30	29.16	58.30	S28°27'59"W	02°42'09"
C49	1342.26	63.31	31.66	63.30	N28°27'59"E	02°42'09"
C50	1236.13	69.98	35.00	69.97	S31°26'22"W	03°14'38"
C51	1342.26	12.45	6.22	12.45	N30°05'00"E	00°31'53"
C52	25.00	39.27	25.00	35.36	N21°02'47"E	01°53'58"
C53	1493.26	62.63	31.32	62.63	S25°04'22"E	02°24'12"
C54	25.00	39.65	25.38	35.62	S20°04'22"E	90°52'26"
C55	1388.26	36.12	18.06	36.11	S24°37'07"W	01°29'26"
C56	1493.26	53.02	26.51	53.02	N12°51'27"W	02°26'37"
C57	1388.26	49.29	24.65	49.29	S22°51'23"W	02°02'03"
C58	1493.26	63.62	31.82	63.62	N20°37'07"E	02°26'28"
C59	1388.26	59.15	29.58	59.14	S20°37'07"E	02°26'28"
C60	1493.26	53.02	26.51	53.02	N18°22'51"E	02°02'03"
C61	1388.26	49.29	24.65	49.29	S18°22'51"E	02°02'03"
C62	1493.26	58.32	29.16	58.31	N16°14'42"E	02°14'16"
C63	1388.26	54.22	27.11	54.21	S16°14'42"E	02°14'16"
C64	1598.26	17.20	8.60	17.20	N24°45'50"E	00°37'00"
C65	25.00	39.27	25.00	35.36	N69°29'25"E	80°00'00"
C66	1493.26	48.93	24.47	48.92	S22°56'05"W	01°52'38"
C67	1598.26	52.37	26.19	52.36	N22°56'05"E	01°52'38"
C68	1493.26	49.29	24.65	49.29	S21°02'47"W	01°53'58"
C69	1598.26	52.98	26.49	52.98	N21°02'47"E	01°53'58"
C70	1493.26	54.28	27.14	54.28	S19°03'19"E	02°04'58"
C71	45.00	20.98	10.68	20.79	N04°44'07"E	26°42'43"
C72	25.00	14.50	7.46	14.30	N07°59'41"E	33°13'51"
C73	98.00	8.64	4.32	8.64	N27°51'41"E	11°58'19"
C74	1598.26	15.03	7.52	15.03	N19°49'38"E	00°32'20"
C75	1493.26	104.16	52.10	104.14	N16°00'56"E	03°58'47"
C76	45.00	36.77	19.48	35.76	N41°30'04"E	46°49'11"
C77	25.00	52.77	26.27	52.77	S66°37'12"E	11°58'19"
C78	45.00	42.77	23.15	41.18	S87°51'41"E	54°27'18"
C79	98.00	8.64	4.32	8.64	N88°39'41"E	05°03'09"
C80	25.00	9.28	4.69	9.22	S83°14'08"E	21°15'32"
C81	25.00	42.57	26.51	37.61	N42°24'34"E	87°33'23"
C82	1644.26	71.70	35.85	71.69	S20°48'25"W	02°29'54"

TANGENT DATA		
LINE	DIRECTION	DISTANCE
T1	S24°03'26"W	50.30'
T2	S01°11'55"W	46.00'
T3	S88°48'45"E	82.12'
T4	S00°21'05"W	80.37'
T5	N30°20'56"E	52.36'
T6	N88°48'45"W	65.71'
T7	N06°22'08"W	54.12'
T8	N42°24'33"E	24.71'
T9	N83°37'52"E	22.00'
T10	S19°33'28"W	54.12'
T11	S88°48'45"E	54.12'
T12	S34°37'38"E	17.49'
T13	S24°29'25"W	69.55'
T14	N00°21'05"E	32.49'
T15	S59°39'04"E	12.76'
T16	S46°45'33"E	14.74'
T17	S46°45'33"E	68.52'
T18	N06°22'08"W	12.23'
T19	N65°30'35"E	5.00'

CURVE DATA

CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA
C83	52.00'	65.01'	37.52'	60.86'	S85°22'22"W	71°37'47"
C84	25.00'	35.97'	21.90'	32.95'	N47°35'27"W	82°26'37"
C85	25.00'	39.27'	25.00'	35.36'	N38°37'52"E	90°00'00"
C86	152.00'	71.41'	36.38'	70.75'	S82°54'37"E	26°55'02"
C87	152.00'	10.46'	5.23'	10.46'	S67°28'51"E	03°56'30"
C88	25.00'	39.27'	25.00'	35.36'	S20°30'35"E	90°00'00"
C89	1644.26'	69.85'	34.93'	69.85'	S23°16'23"W	02°26'02"
C90	45.00'	15.44'	7.79'	15.36'	S03°27'27"W	19°39'09"
C91	45.00'	34.55'	18.18'	33.70'	S35°16'37"W	43°59'12"
C92	45.00'	54.56'	31.20'	51.28'	N87°59'41"W	69°28'12"
C93	45.00'	39.27'	20.98'	38.04'	N08°15'34"W	90°00'00"
C94	45.00'	35.98'	19.01'	35.03'	N19°38'41"E	45°48'30"
C95	25.00'	21.34'	11.37'	20.70'	N18°05'24"E	48°55'04"
C96	25.00'	39.27'	25.00'	35.36'	N51°22'08"W	90°00'00"
C97	198.00'	15.34'	7.67'	15.34'	S85°51'02"W	04°26'20"
C98	198.00'	46.66'	23.44'	46.55'	N85°10'44"W	13°30'09"
C99	198.00'	44.64'	22.42'	44.55'	N71°58'07"W	12°55'04"
C100	25.00'	37.19'	23.00'	33.85'	S71°52'33"W	85°13'43"
C101	1388.26'	26.35'	13.17'	26.35'	S29°48'19"W	01°05'15"
C102	25.00'	39.63'	25.37'	35.61'	S45°46'10"W	80°50'10"

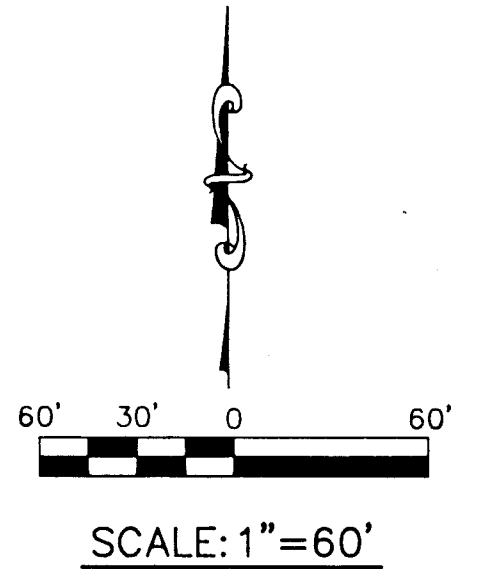
SUBDIVISION PLAT FOR
WILLOW WOOD UNIT 5
Albuquerque, Bernalillo County
New Mexico
DECEMBER, 1994



DATE: DECEMBER, 1994
AVID JOB No. 4090.473
AVID ENGINEERING, INC.
Civil • Structural • Transportation
6100 Segulli St. NE - Suite 102
Albuquerque, NM 87109 - (505) 881-5397

SHEET 3 OF 4

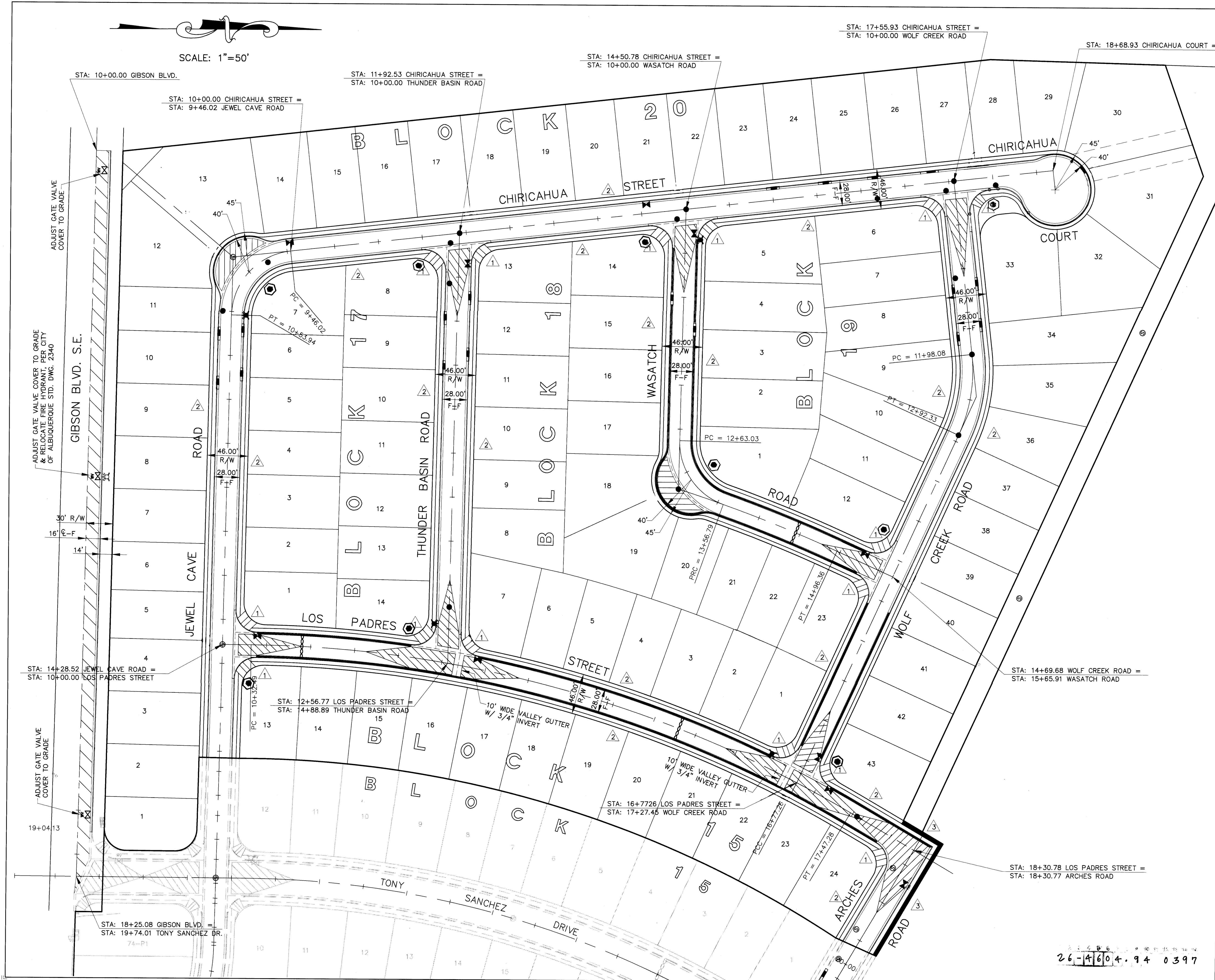
SUBDIVISION PLAT FOR
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SHEET 4 OF 4

28 OF 24



GENERAL NOTES

1. ALL STATIONS AND OFFSET DIMENSIONS ARE BASED ON CENTERLINE OF RIGHT-OF-WAY.

2. STANDARD CURB & GUTTER TRANSITION TO MOUNTABLE CURB & GUTTER @ WHEEL CHAIR RAMPS.

KEYED NOTES

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

2. FUTURE 4' SIDEWALK, BY OTHERS.

3. CONSTRUCT 4' SIDEWALK, THIS CONTRACT (SHADED).

LEGEND

CENTERLINE OF STREET

EXISTING CURB & GUTTER

PROPOSED ASPHALT CURB

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)

TRANSITION SECTION FROM FULL CROWN TO HALF CROWN

PROPOSED MANHOLE

PROPOSED STREET LIGHT LOCATION

EXISTING VALVES

EXISTING MANHOLE

PROPOSED WATER VALVE

PROPOSED STORM INLET

PROPOSED FIRE HYDRANT

EXISTING FIRE HYDRANT

WATER BLOCK

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Civil Structural Transportation

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Albuquerque, NM 87109 - (505) 981-5357

CITY OF ALBUQUERQUE

PUBLIC WORKS DEPARTMENT

ENGINEERING GROUP

TITLE:

WILLOW WOOD - UNIT V

OVERALL PAVING PLAN

APPROVALS

ENGINEER

DATE

APPROVALS

ENGINEER

DATE

D.R.C. Chair

4-29-96

Water

Transportation

9-20-95

Waste Water

Hydrology

4-15-96

DRAWING NO.

4604.94

MAP NO.

L-21-Z

SHEET

3

OF

24

SCANNED BY

LASON

AS BUILT INFORMATION

CONTRACTOR

WORK STARTED BY

DATE

COA ACCEPTANCE BY

DATE

FIELD ACCEPTANCE BY

DATE

DRAWINGS CORRECTED BY

DATE

MICRO-FILM INFORMATION

RECORDED BY

DATE

BENCH MARKS

THE STATION MARK IS A STANDARD ACS BRASS TABLET, STAMPED "1-L21 RESET 1994", 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 THE CENTERLINE OF JUAN TABO BLVD. AND FLUSH WITH THE TOP OF CURB. SLD ELEVATION 5534.63

SURVEY INFORMATION

FIELD NOTES

DATE

BY

NO.

ENGINEER'S SEAL

BY

NO.

DATE

REMARKS

DESIGN

DATE

DA

11/94

DRAWN BY

RAYJ

DATE

11/94

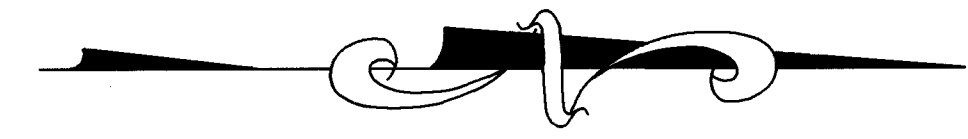
CHECKED BY

JD

DATE

11/94

26-4604.94 0397



SCALE: 1"=50'

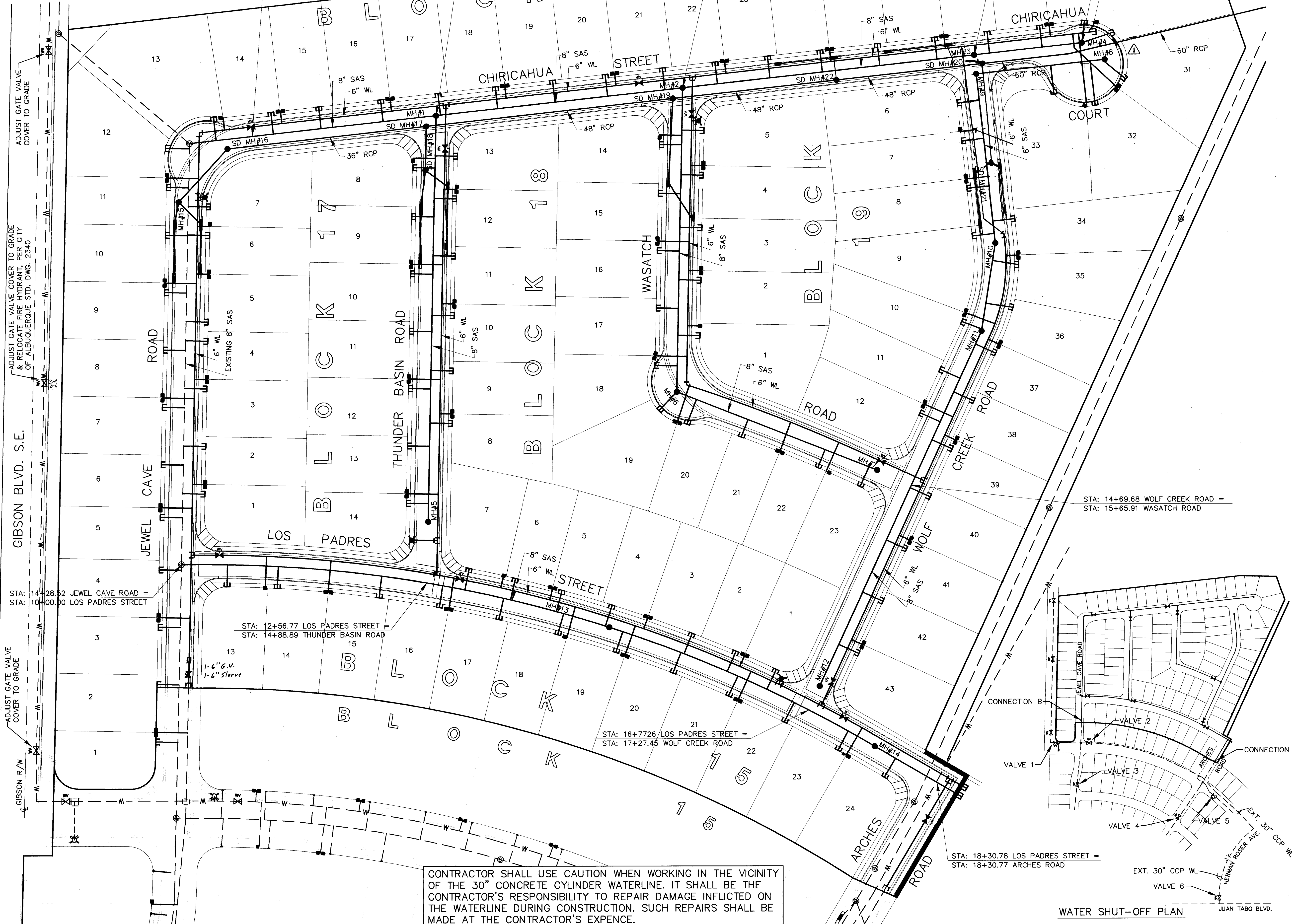
STA: 17+55.93 CHIRICAHUA STREET =
STA: 10+00.00 WOLF CREEK ROAD

STA: 18+68.93 CHIRICAHUA COURT

STA: 14+50.78 CHIRICAHUA STREET =
STA: 10+00.00 WASATCH ROAD

STA: 11+92.53 CHIRICAHUA STREET =
STA: 10+00.00 THUNDER BASIN ROAD

STA: 10+00.00 CHIRICAHUA STREET =
STA: 9+46.02 JEWEL CAVE ROAD



GENERAL NOTES

- ALL STATIONING AND OFFSET DIMENSIONS ARE BASED ON CENTERLINE OF RIGHT-OF-WAY.
- REFER TO CITY OF ABO. STANDARD DRAWINGS FOR WATER AND SANITARY SEWER CONSTRUCTION.

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 THIS PROJECT.

AT LEAST THREE (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
A. ARCHES ROAD NON-PRESSURE CONNECTION	2, 4, 5 & 6
B. JEWEL CAVE ROAD NON-PRESSURE CONNECTION	1, 2 & 3

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
⊙	PROPOSED STORM INLET

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CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

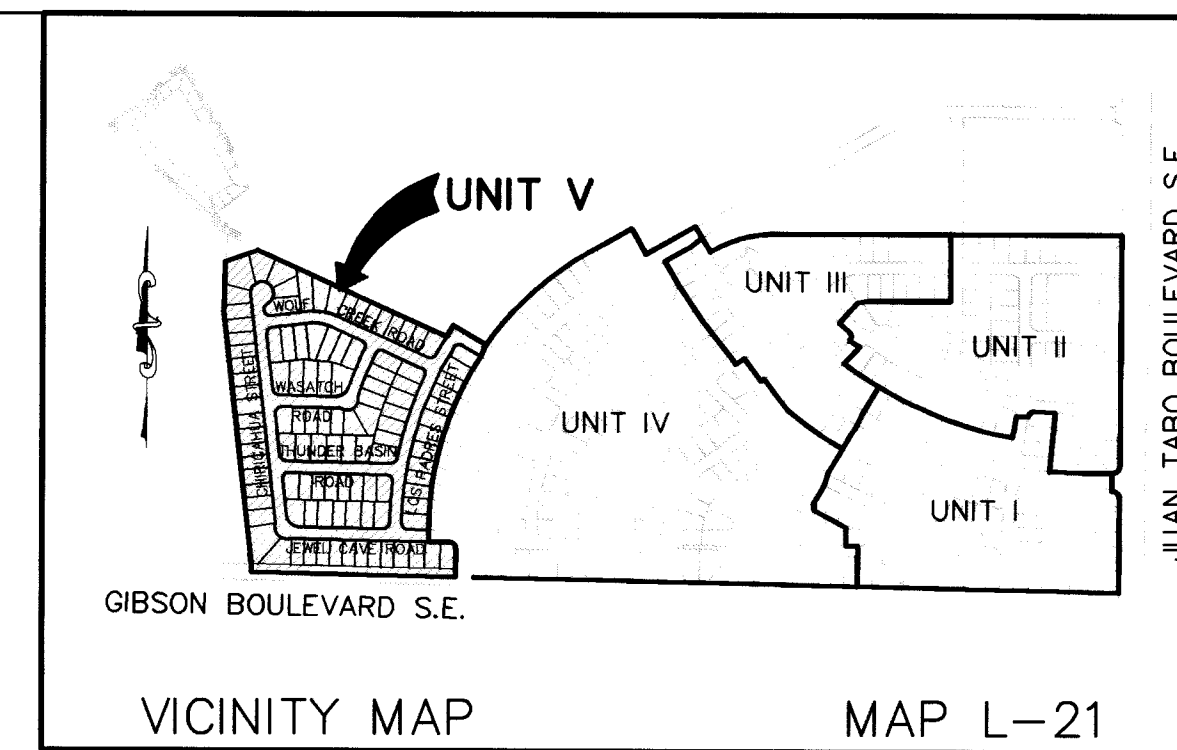
TITLE: WILLOW WOOD - UNIT V
OVERALL UTILITY PLAN

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
D.R.C. Chair	<i>[Signature]</i>	4-29-96	Water	<i>[Signature]</i>	10/23/95
Transportation	<i>[Signature]</i>		Waste Water		
Hydrology	<i>[Signature]</i>	4-15-96			

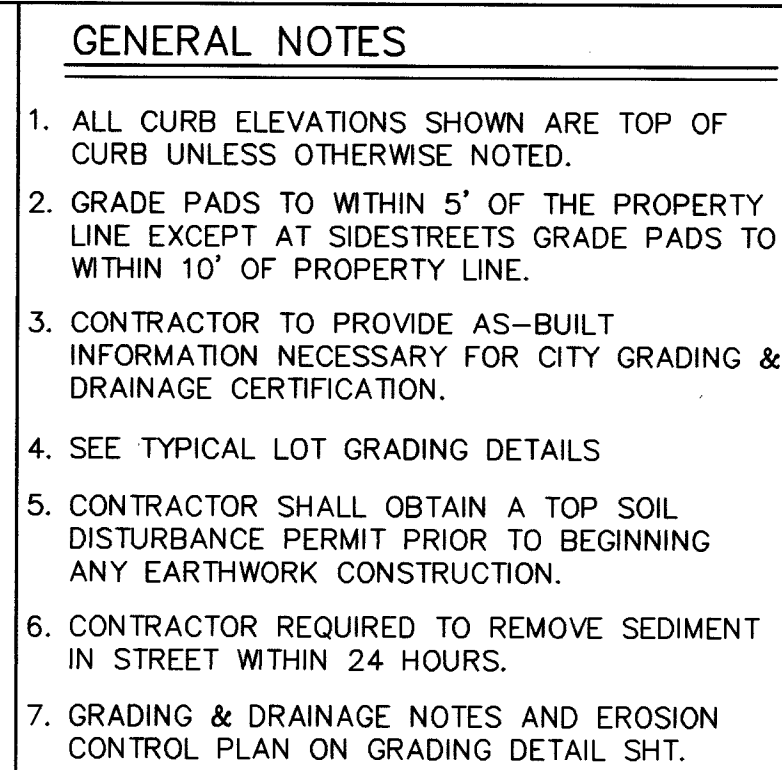
DRAWING NO.	4604.94	MAP NO.	L-21-Z	SHEET	4	OF	24
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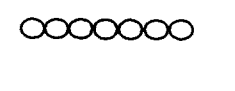
CONTRACTOR SHALL USE CAUTION WHEN WORKING IN THE VICINITY OF THE 30" CONCRETE CYLINDER WATERLINE. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO REPAIR DAMAGE INFLECTED ON THE WATERLINE DURING CONSTRUCTION. SUCH REPAIRS SHALL BE MADE AT THE CONTRACTOR'S EXPENCE.

WATER SHUT-OFF PLAN



SCALE: 1"=40'



	EXISTING STANDARD CURB & GUTTER
	PROPOSED STANDARD CURB & GUTTER
	PROPOSED MOUNTABLE CURB & GUTTER
	EXISTING GROUND CONTOUR
	PROPOSED CONCRETE VALLEY GUTTER
	TRANSITION SECTION FROM FULL CROWN TO NO CROWN SECTION
	PROPOSED WHEELCHAIR RAMP
$\times 98.6$	PROPOSED SPOT ELEVATION
$\odot 107.0$	EXISTING SPOT ELEVATION
	PROPOSED FLOW DIRECTION
	PROPOSED WATER BLOCK
	BUILDING PAD & ELEVATION
	TEMPORARY EROSION CONTROL BERM
	PROPOSED MANHOLE
	PROPOSED DROP INLET

A 50'x55'	B 45'x55'	C 40'x55'
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PADS

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

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CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE:	WILLOW WOOD - UNIT V GRADING & DRAINAGE PLAN SHEET 1
--------	--

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
D.R.C. Chair			Water	<i>[Signature]</i>	10/23/14
Transportation			Waste Water		
Hydrology					

DRAWING NO.	4604.94	MAP NO. L-21-Z	SHEET 5	OF 22
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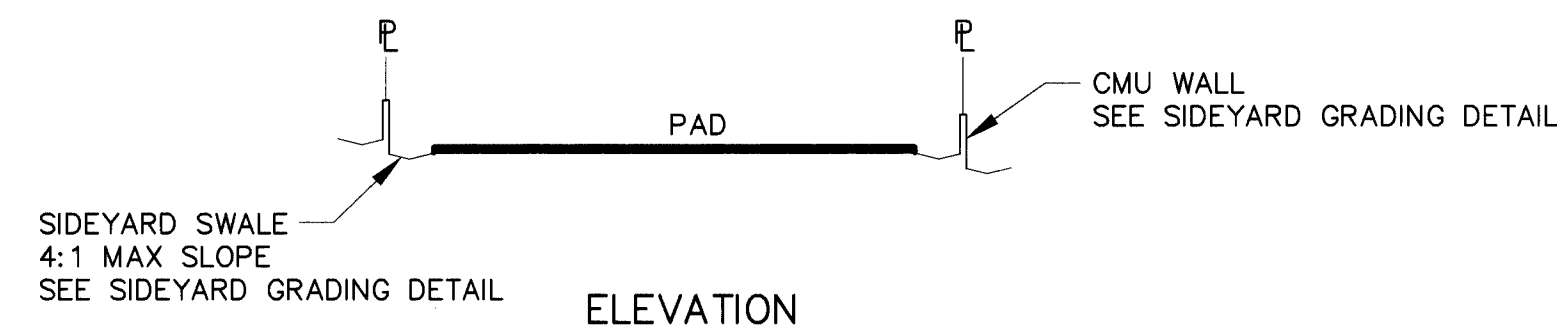
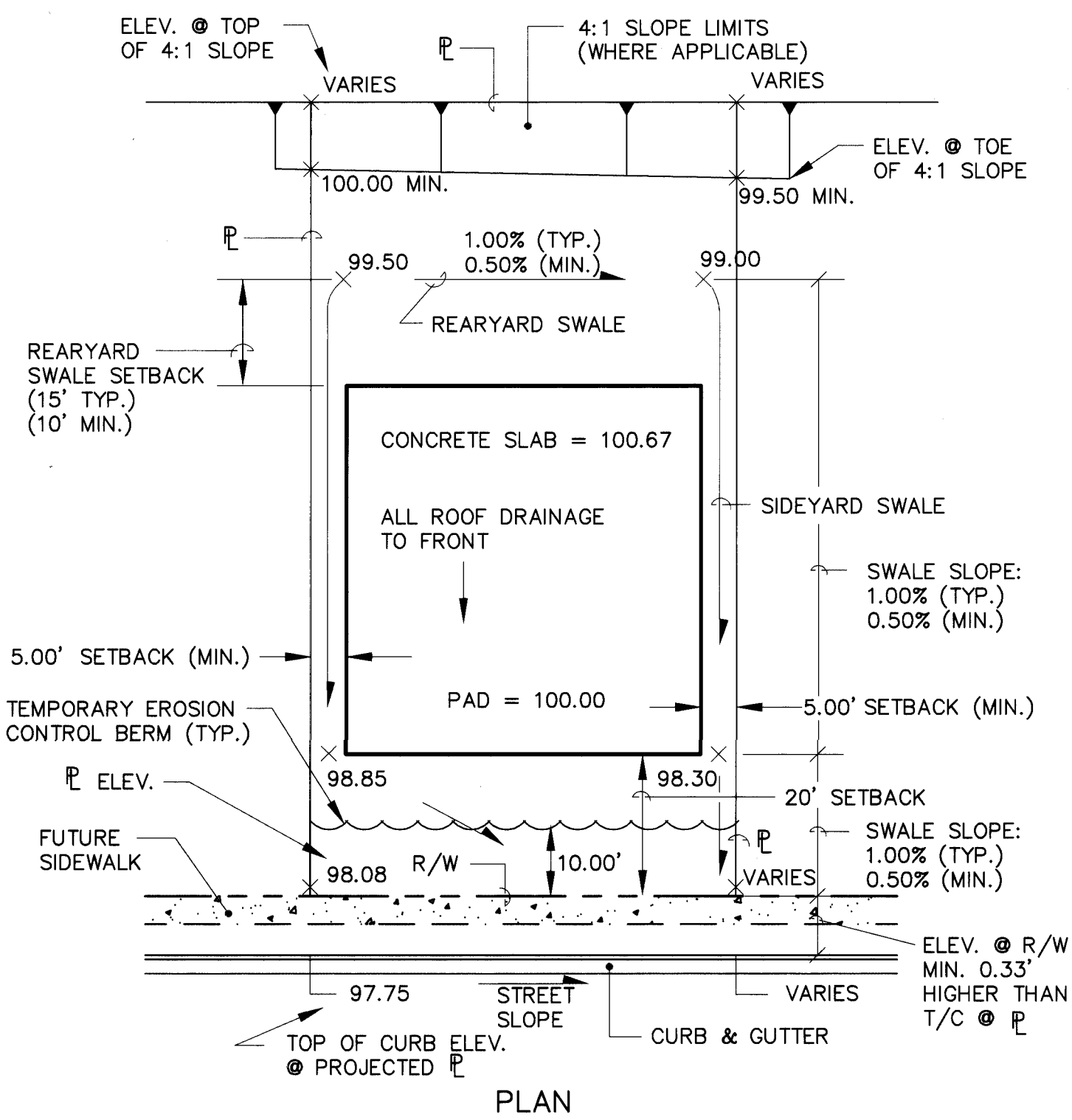
10/13/95
T. J. L. L.

[illegible]

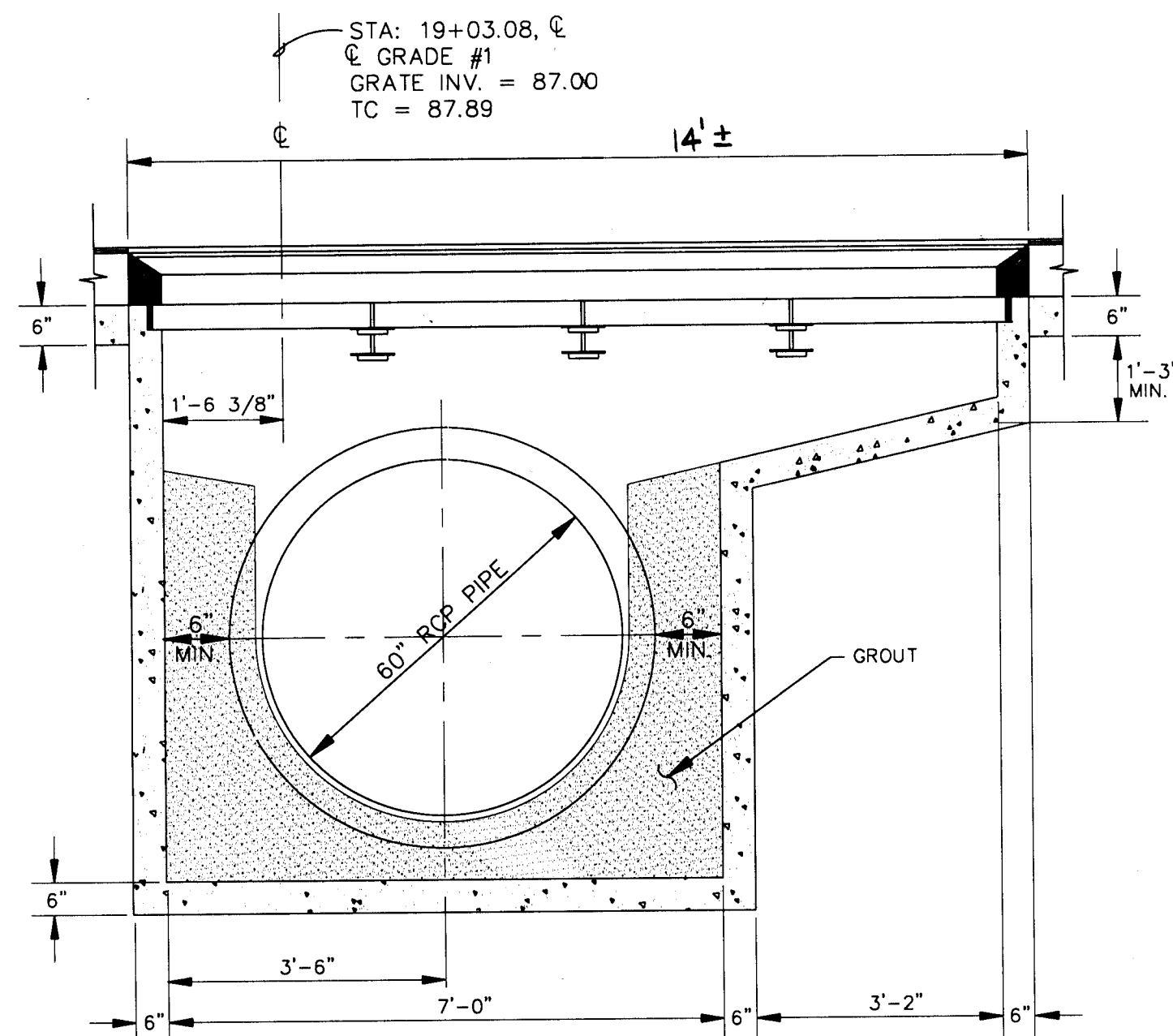
SCALE: 1"=40'



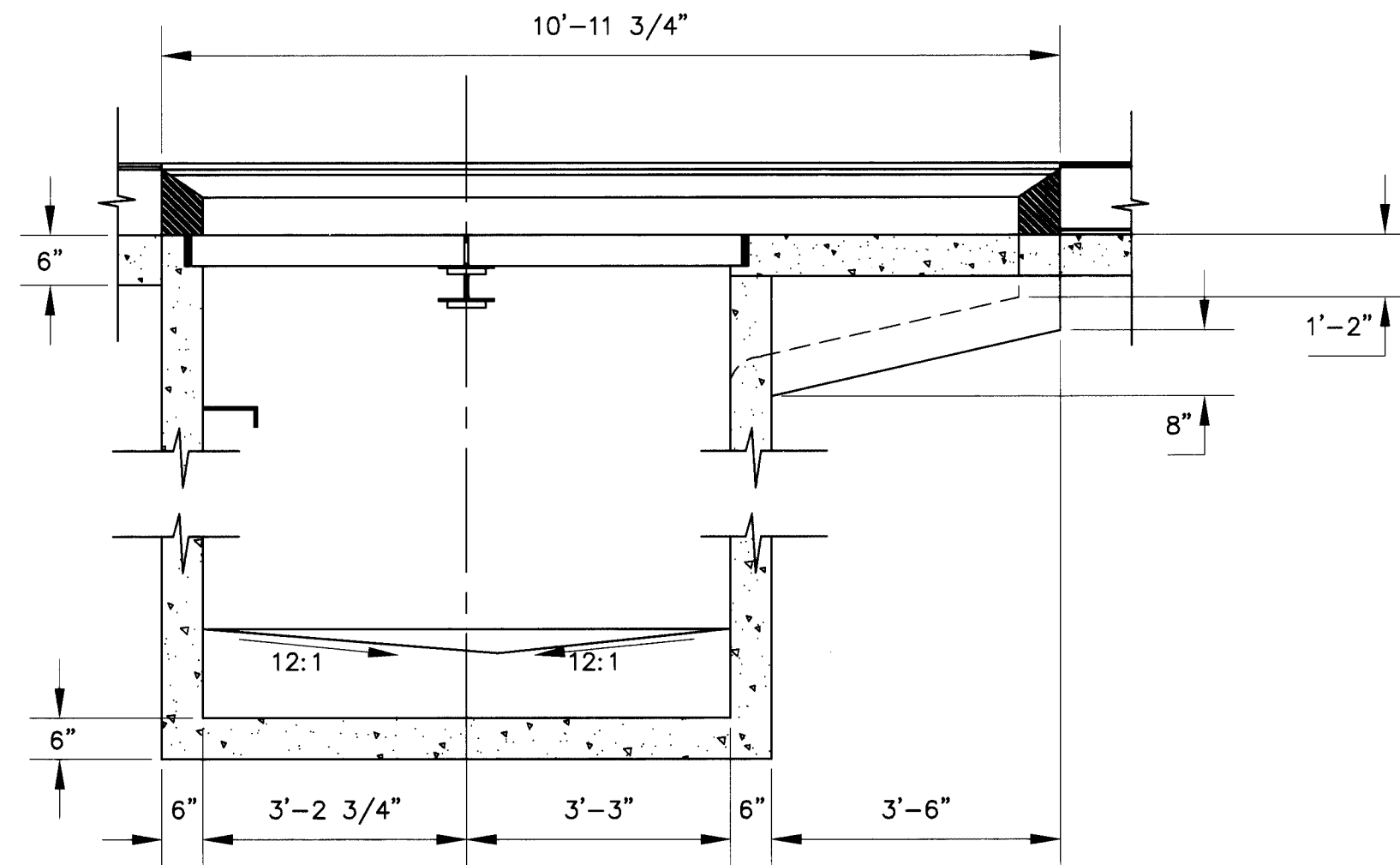
GENERAL NOTES					
1. ALL CURB ELEVATIONS SHOWN ARE TOP OF CURB UNLESS OTHERWISE NOTED.					
2. GRADE PADS TO WITHIN 5' OF THE PROPERTY LINE EXCEPT AT SIDESTREETS GRADE PADS TO WITHIN 10' OF PROPERTY LINE.					
3. CONTRACTOR TO PROVIDE AS-BUILT INFORMATION NECESSARY FOR CITY GRADING & DRAINAGE CERTIFICATION.					
4. SEE TYPICAL LOT GRADING DETAILS					
5. CONTRACTOR SHALL OBTAIN A TOP SOIL DISTURBANCE PERMIT PRIOR TO BEGINNING ANY EARTHWORK CONSTRUCTION.					
6. CONTRACTOR REQUIRED TO REMOVE SEDIMENT IN STREET WITHIN 24 HOURS.					
7. GRADING & DRAINAGE NOTES AND EROSION CONTROL PLAN ON GRADING DETAIL SHT.					
LEGEND					
EXISTING STANDARD CURB & GUTTER					
PROPOSED STANDARD CURB & GUTTER					
PROPOSED MOUNTABLE CURB & GUTTER					
EXISTING GROUND CONTOUR					
PROPOSED CONCRETE VALLEY GUTTER					
TRANSITION SECTION FROM FULL CROWN TO NO CROWN SECTION					
PROPOSED WHEELCHAIR RAMP					
PROPOSED SPOT ELEVATION					
EXISTING SPOT ELEVATION					
PROPOSED FLOW DIRECTION					
RETAINING WALL					
PROPOSED WATER BLOCK					
BUILDING PAD & ELEVATION					
TEMPORARY EROSION CONTROL BERM					
PROPOSED MANHOLE					
PROPOSED DROP INLET					
PADS					
26-4604.94 0697					
AVID ENGINEERING, INC.					
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Albuquerque, NM 87109 - (505) 881-5357					
CITY OF ALBUQUERQUE					
PUBLIC WORKS DEPARTMENT					
ENGINEERING GROUP					
TITLE: WILLOW WOOD - UNIT V					
GRADING & DRAINAGE PLAN					
SHEET 2					
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
D.R.C. Check			Water		
Transportation			Waste Water		
Hydrology					
DRAWING NO.	4604.94	MAP NO.	SC-117	SHEET	OF
			BY LASON	6	22
AS BUILT INFORMATION					
CONTRACTOR: New Concept					
INSPECTOR'S ACCEPTANCE BY: C.A.A.					
DRAWINGS VERIFICATION BY: C.A.A.					
MICRO-FILM INFORMATION					
RECORDED BY: NO.					
DATE: 11/94					
DESIGNED BY DA					
DRAWN BY RAYJ					
CHECKED BY JD					



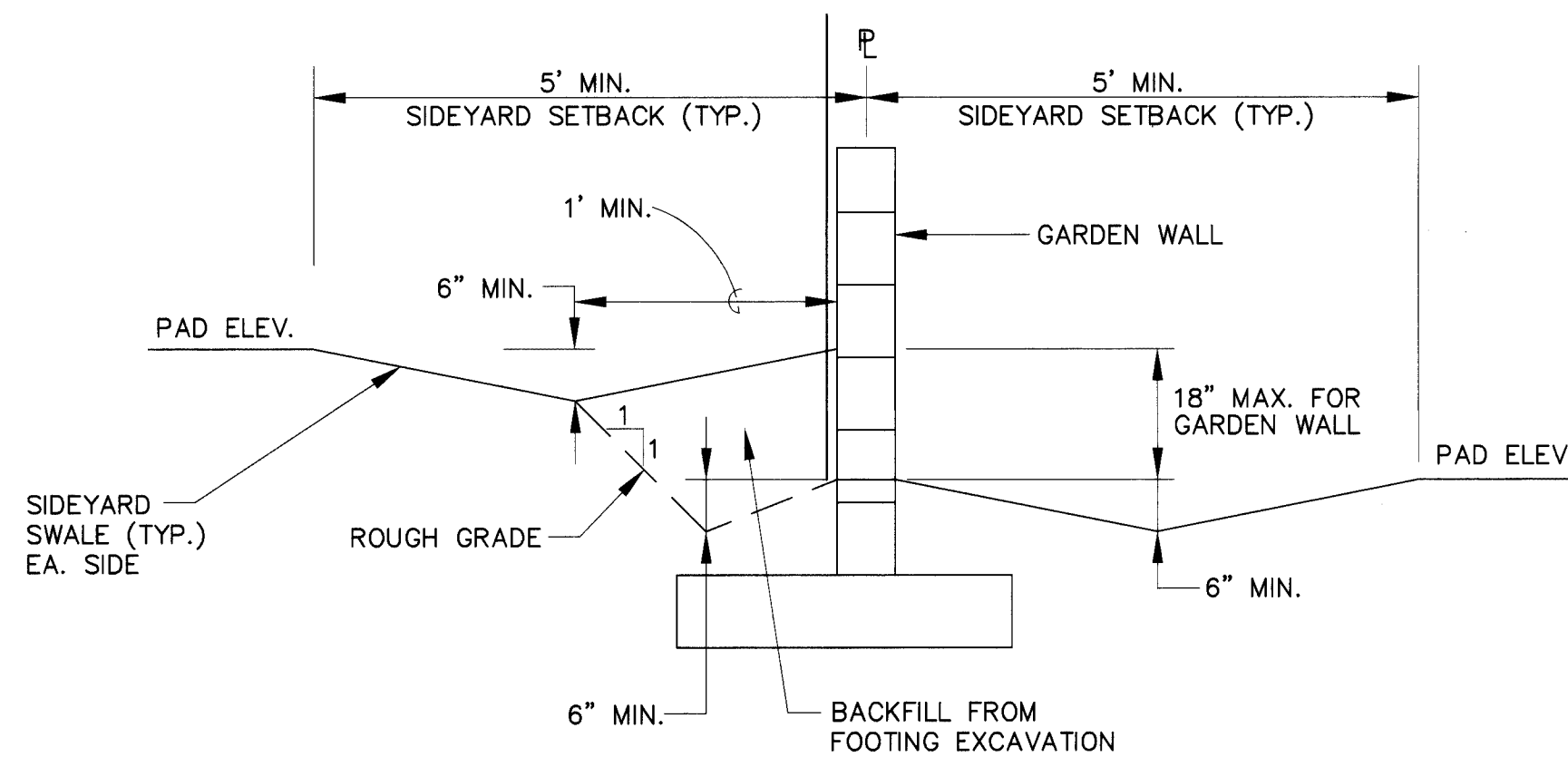
TYPICAL LOT GRADING DETAIL
SCALE: 1"=20'



SECTION
QUADRUPLE "C" MODIFIED CATCH BASIN
NO SCALE



STORM INLET DOUBLE "A"



SIDEYARD GRADING DETAIL
NTS

EROSION CONTROL PLAN

- SLOPES SHALL NOT EXCEED 4:1.
- THE CONTRACTOR MUST OBTAIN A TOPSOIL DISTURBANCE PERMIT FROM THE ENVIRONMENTAL HEALTH DIVISION PRIOR TO COMMENCING CONSTRUCTION.
- THE CONTRACTOR IS TO REFER TO EARTHWORK SPECIFICATIONS AS NOTED IN THE SOILS REPORT SUPPLIED BY CURB INC.
- 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.
- 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.
- THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING TEMPORARY BERMS THROUGHOUT THE CONSTRUCTION PHASE. THE OWNER WILL MAINTAIN BERMS AFTER COMPLETION AND ACCEPTANCE OF CONSTRUCTION.
- 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.
- THE TOLERANCES FOR ROUGH GRADING SHALL CONFORM TO THE FOLLOWING:
PAD SUBGRADE: +/- 0.2'
STREET SUBGRADE: +/- 0.2'
ALL OTHER AREAS: +/- 0.5'

9. 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.

LOT GRADING GENERAL NOTES:

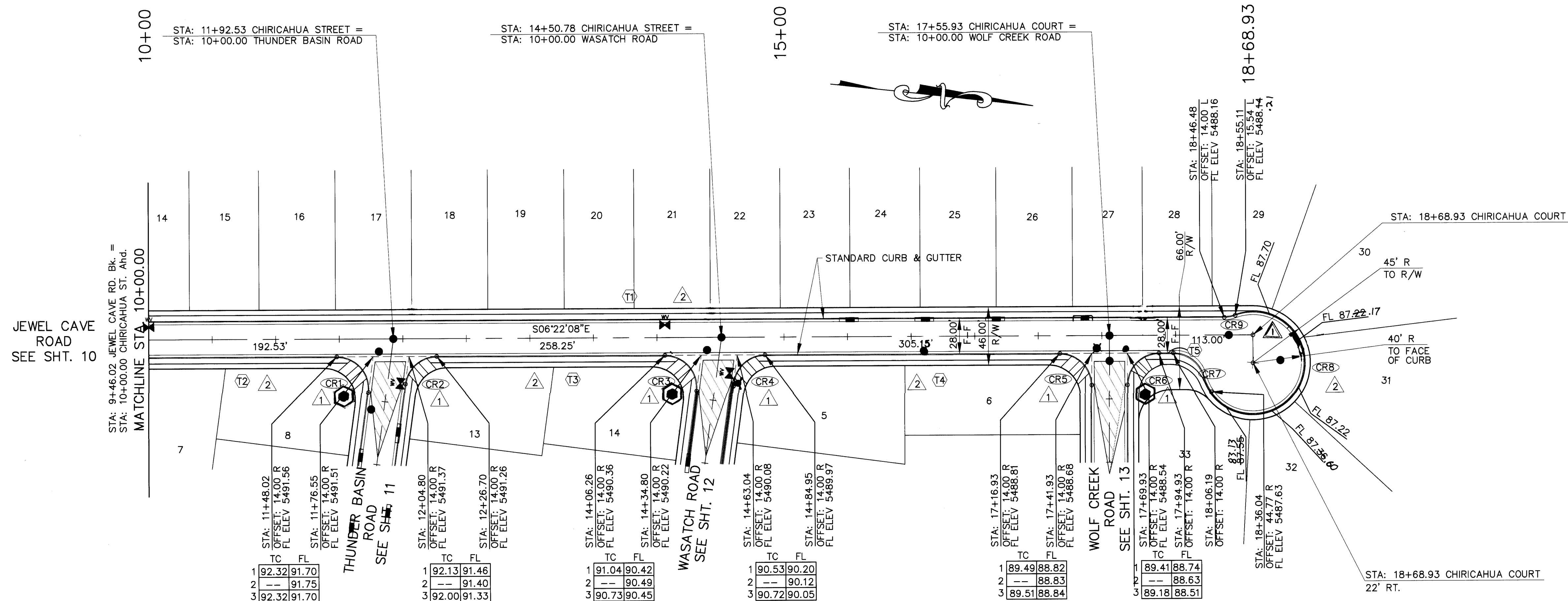
- LOT GRADING SHALL MEET THE SITE GRADING AND DRAINAGE CRITERIA FOR PROPOSED CONSTRUCTION AS SET FORTH BY THE DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT - FEDERAL HOUSING ADMINISTRATION IN CIRCULAR LETTER NO. 91-1, OFFICE OF THE MANAGER, ALBUQUERQUE, NEW MEXICO, DATED 1/25/91.
- ELEVATION OF HIGHPOINT OF REARYARD SWALE SHALL BE MIN. OF 6" BELOW PAD ELEVATION.
- FINISHED FLOOR ELEVATIONS (NOT SHOWN) SHALL BE 8" ABOVE PAD ELEVATIONS (SHOWN).
- FRONT YARD SIDEWALK SLOPE SHALL NOT EXCEED 10%.
- DRIVEWAY SLOPE SHALL NOT EXCEED 14%. IF DRIVEWAY IS USED AS SIDEWALK, MAX-SLOPE SHALL NOT EXCEED 10%.
- THE CONTRACTOR IS FULLY RESPONSIBLE FOR FIELD VERIFYING ALL EXISTING UTILITIES AND NOTIFYING 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.
- GRADE ELEVATIONS, WHERE NOTED, ARE FOR TOP OF STANDARD CURB UNLESS OTHERWISE SPECIFIED.
- CONTRACTOR IS RESPONSIBLE FOR REPAIR AND/OR REPLACEMENT OF ALL UTILITY CONDUITS AND EXISTING LINES.
- ANY DAMAGE TO THE EXISTING FACILITIES (CURB AND GUTTER, PAVEMENT, CONDUITS, LANDSCAPING, UTILITY LINES, ETC.) DURING CONSTRUCTION SHALL BE REPLACED AT THE CONTRACTORS EXPENSE.

ENGINEER'S SEAL				SURVEY INFORMATION		BENCH MARKS		AS BUILT INFORMATION			
				FIELD NOTES		THE STATION MARK IS A STANDARD ACS BRASS TABLET, STAMPED "1-121 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 THE CENTERLINE OF JUAN TABO BLVD. AND FLUSH WITH THE TOP OF CURB. SLD ELEV. 5534.63		CONTRACTOR <i>ALCO</i> WORK STARTED BY <i>C.O.A.</i> DATE <i>11/94</i> ACCEPTANCE BY <i>L.R.</i> FIELD VERIFICATION BY <i>L.R.</i> DATE <i>11/94</i> DESIGN CORRECTED BY <i>C.O.A.</i> MICRO-FILM INFORMATION RECORDED BY NO.			
				NO.	BY						
REMARKS		BY									
NO.		DATE									
DESIGN											
DESIGNED BY DA											
DRAWN BY RAYJ											
DATE 11/94											
CHECKED BY JD											
DATE 11/94											

26-4604.94 0797

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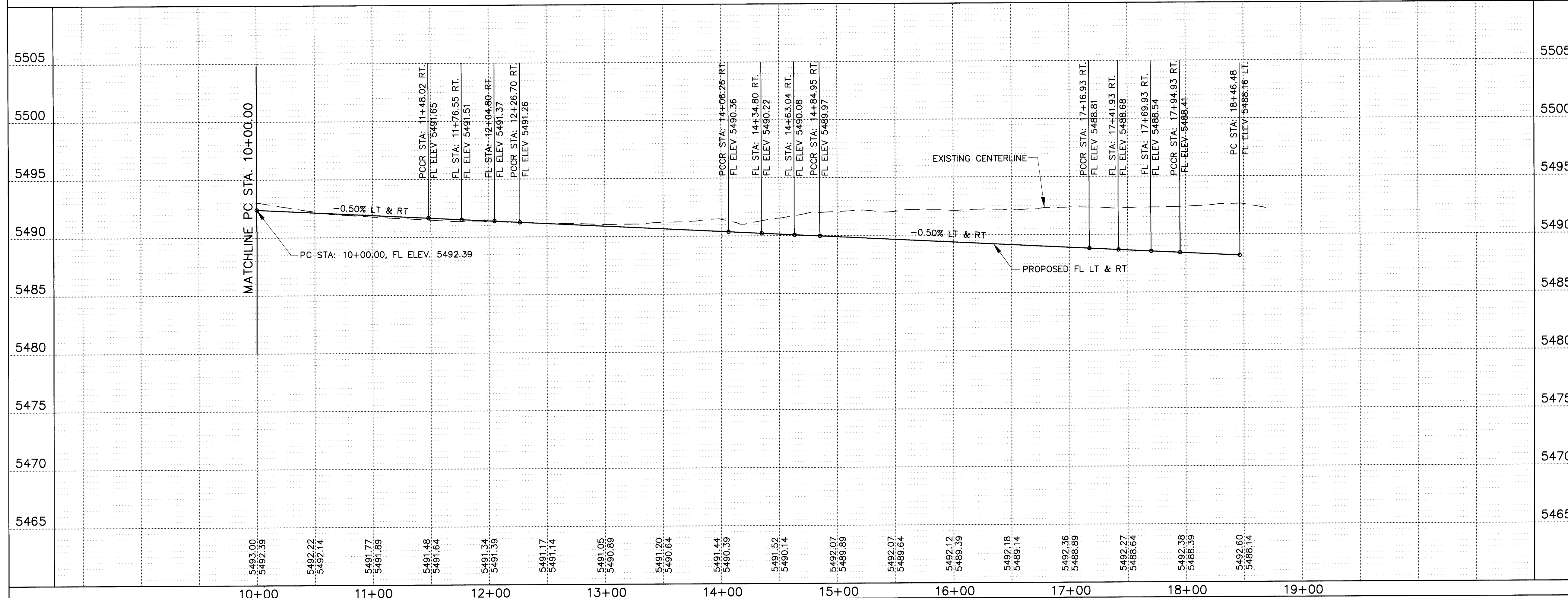
CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING GROUP					
TITLE: WILLOW WOOD UNIT IV DRAINAGE DETAILS					
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
D.R.C. Chair	4-29-96	4-29-96	Water		
Transportation	4-20-95	4-20-95	Waste Water		
Hydrology	4-15-96	4-15-96			
DRAWING NO.	4604.93	MAP NO.	SC-11-2	SHEET 7 OF 24	BY JASON



CHIRICAHUA STREET & CHIRICAHUA COURT

SEE SHEET 23 FOR STREET SECTION

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



GENERAL NOTES

- ALL STATIONS AND OFFSET DIMENSIONS ARE BASED ON CENTERLINE OF RIGHT-OF-WAY.
- ALL ELEVATIONS ARE FLOWLINE UNLESS OTHERWISE NOTED.

KEYED NOTES

- CONSTRUCT WHEELCHAIR RAMPS PER COA DWG. 2441, TYPE II.
- FUTURE 4' SIDEWALK, BY OTHERS.

CHIRICAHUA ST. & CHIRICAHUA CT.

CURVE	DELTA	RADIUS	LENGTH	TANGENT
CR1	97°33'23"	25.00'	42.57'	28.54'
CR2	82°26'37"	25.00'	35.97'	21.90'
CR3	97°33'23"	25.00'	42.57'	28.54'
CR4	82°26'37"	25.00'	35.97'	21.90'
CR5	90°00'00"	25.00'	39.27'	25.00'
CR6	90°00'00"	25.00'	39.27'	25.00'
CR7	74°50'18"	25.00'	32.65'	19.13'
CR8	275°02'37"	40.00'	192.02'	36.63'
CR9	20°12'19"	25.00'	8.82'	4.45'

TANGENT	BEARING	DISTANCE
T1	N06°22'08"W	846.48'
T2	N06°22'08"W	148.02'
T3	N06°22'08"W	179.58'
T4	S06°22'08"E	231.99'
T5	N06°22'08"W	11.25'

LEGEND

- CENTERLINE OF STREET
- EXISTING 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)
- PROPOSED MANHOLE
- PROPOSED STREET LIGHT LOCATION
- EXISTING VALVES
- EXISTING MANHOLE
- PROPOSED WATER VALVE
- PROPOSED STORM INLET
- PROPOSED FIRE HYDRANT

AS BUILT INFORMATION

CONTRACTOR: *Rev. Concept's*
WORK BY: *COA*
INSPECTION: *COA*
ACCEPTANCE: *COA*
VERIFICATION: *COA*
DRAWINGS: *COA*
DATE: *11/94*

SURVEY INFORMATION

FIELD NOTES: *DATE*
BY: *DATE*
NO.:

ENGINEER'S SEAL

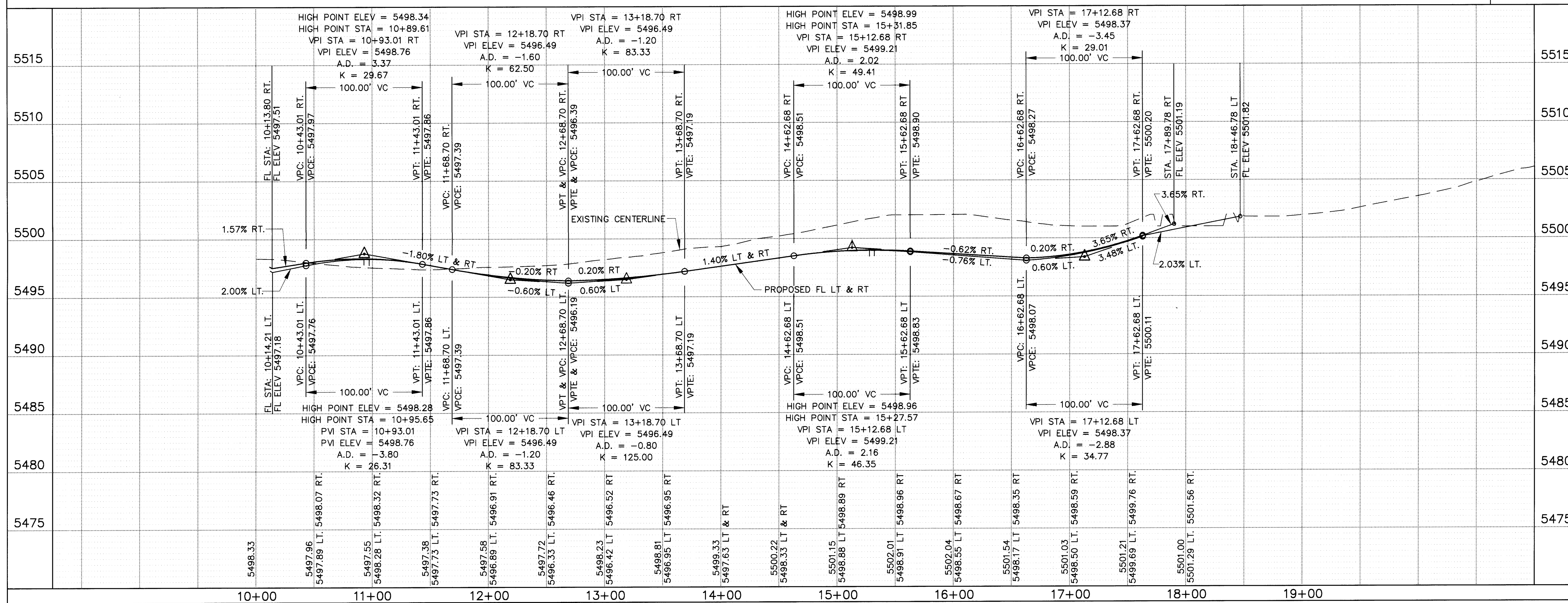
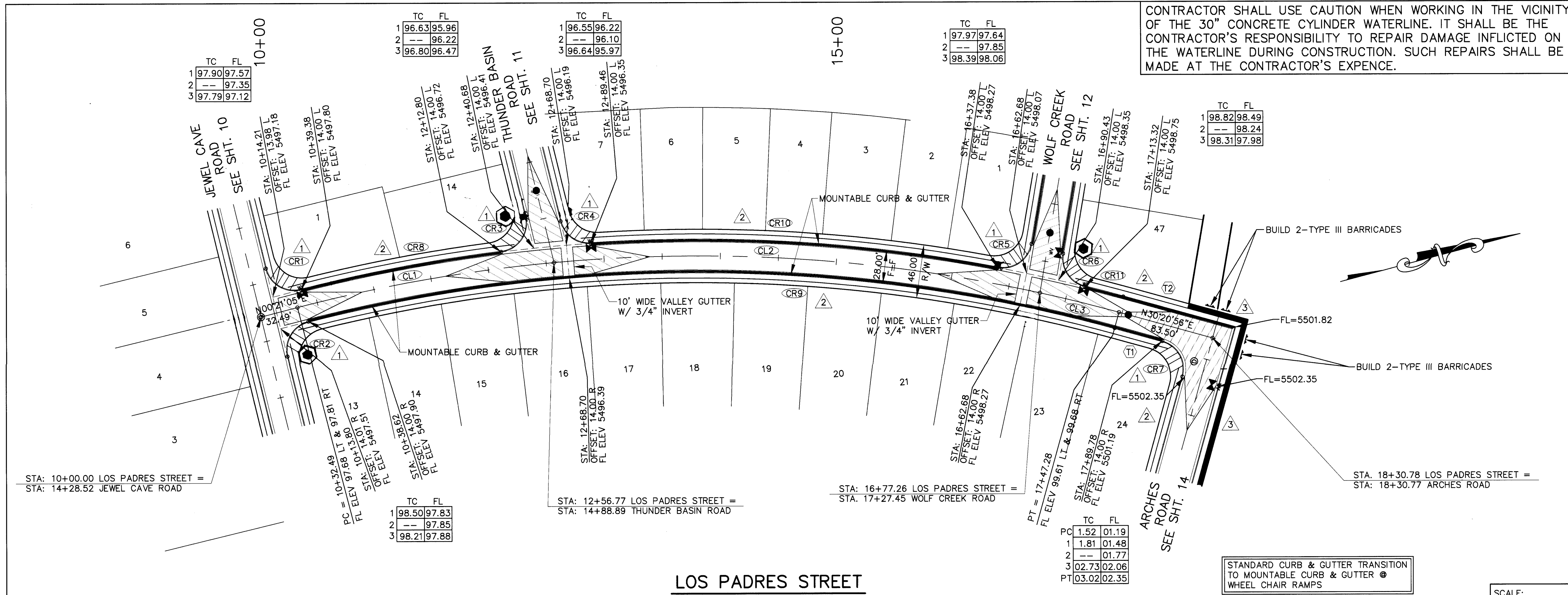
DESIGNED BY: *DA* DATE: *11/94*
DRAWN BY: *RAY* DATE: *11/94*
CHECKED BY: *JD* DATE: *11/94*

CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING GROUP

TITLE: WILLOW WOOD - UNIT V CHIRICAHUA STREET & CHIRICAHUA COURT PAVING PLAN AND PROFILE

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
D.R.C. Chair	<i>4-19-96</i>	Water			
Transportation	<i>9-20-95</i>	Waste Water			
Hydrology	<i>4-15-96</i>				

DRAWING NO. 4604.94 MAP NO. L-21-Z SHEET 8 OF 24



- GENERAL NOTES
- ALL STATIONS AND OFFSET DIMENSIONS ARE BASED ON CENTERLINE OF RIGHT-OF-WAY.
 - ALL ELEVATIONS ARE FLOWLINE UNLESS OTHERWISE NOTED.
- KEYED NOTES
- CONSTRUCT WHEELCHAIR RAMPS PER COA DWG. 2441, TYPE II.
 - FUTURE 4' SIDEWALK, BY OTHERS.
 - CONSTRUCT 4' SIDEWALK, THIS CONTRACT (SHADED).

LOS PADRES STREET

CURB CURVE DATA				
CURVE	DELTA	RADIUS	LENGTH	TANGENT
CR1	90°32'50"	25.00'	39.51'	25.24'
CR2	89°25'14"	25.00'	39.02'	24.75'
CR3	96°43'51"	25.00'	42.21'	28.12'
CR4	80°03'08"	25.00'	34.93'	21.00'
CR5	91°14'48"	25.00'	39.81'	25.55'
CR6	85°33'59"	25.00'	37.34'	23.14'
CR7	90°00'00"	25.00'	39.27'	25.00'
CR8	07°16'41"	1379.26'	175.20'	87.72'
CR9	29°44'27"	1351.26'	701.40'	358.79'
CR10	14°36'05"	1379.26'	351.49'	176.70'
CR11	1°25'31"	1379.26'	34.31'	17.15'

CENTERLINE CURVE DATA			
CURVE	DELTA	RADIUS	LENGTH
CL1	09°24'44"	1365.26'	224.27'
CL2	17°38'49"	1365.26'	420.49'
CL3	02°56'19"	1365.26'	70.02'

TANGENT DATA		
TANGENT	BEARING	DISTANCE
T1	N30°20'56"E	42.50'
T2	N30°20'56"E	99.50'

- LEGEND
- CENTERLINE OF STREET
 - EXISTING CURB & GUTTER
 - PROPOSED STANDARD CURB & GUTTER
 - PROPOSED MOUNTABLE CURB & GUTTER
 - PROPOSED WHEELCHAIR RAMP
 - PROPOSED CONCRETE VALLEY GUTTER
 - PROPOSED MANHOLE
 - PROPOSED STREET LIGHT LOCATION
 - EXISTING VALVES
 - EXISTING MANHOLE
 - PROPOSED WATER VALVE
 - PROPOSED STORM INLET
 - PROPOSED FIRE HYDRANT

26-4604-94-0997

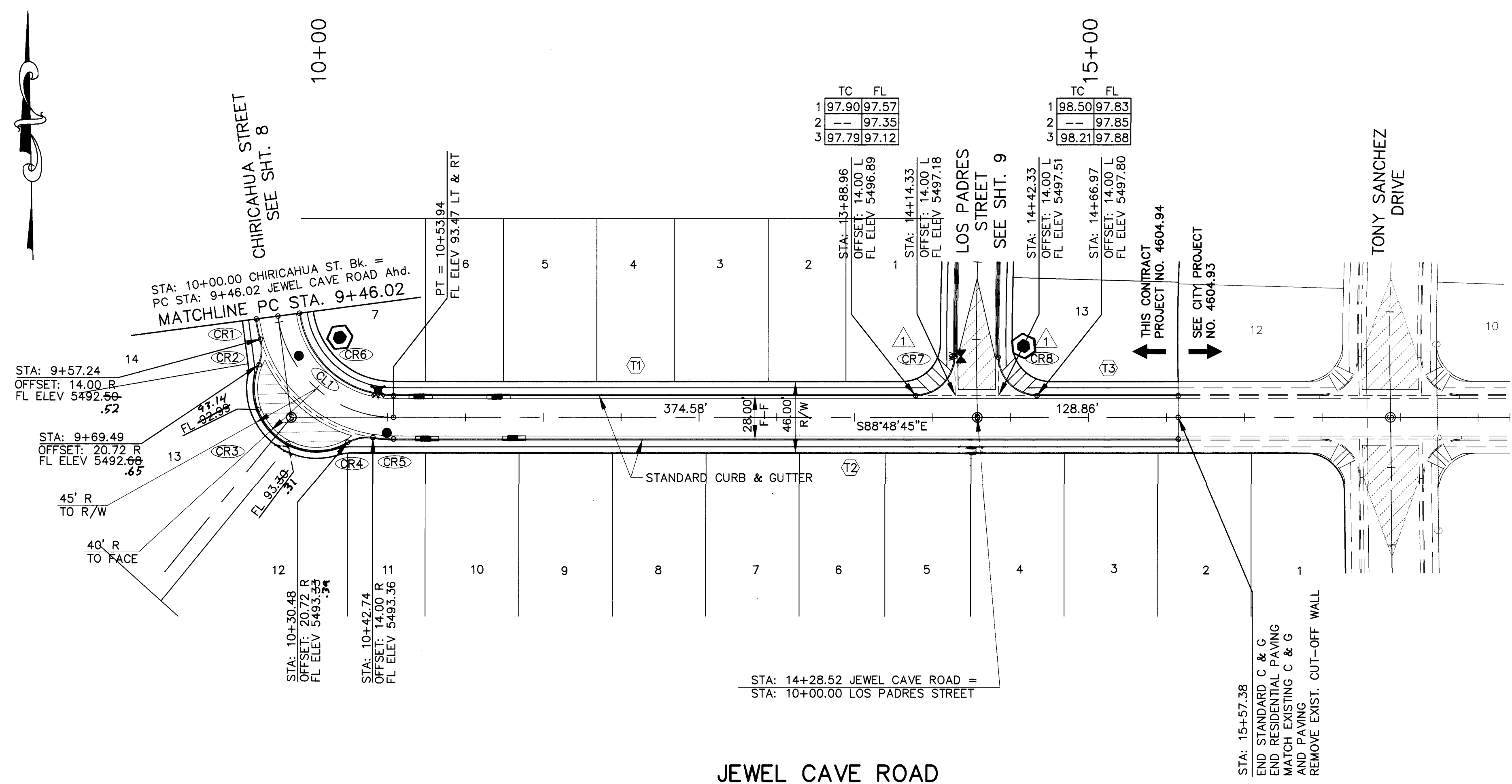
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Albuquerque, NM 87109 - (505) 881-5357

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: WILLOW WOOD - UNIT V
LOS PADRES STREET
PAVING PLAN AND PROFILE

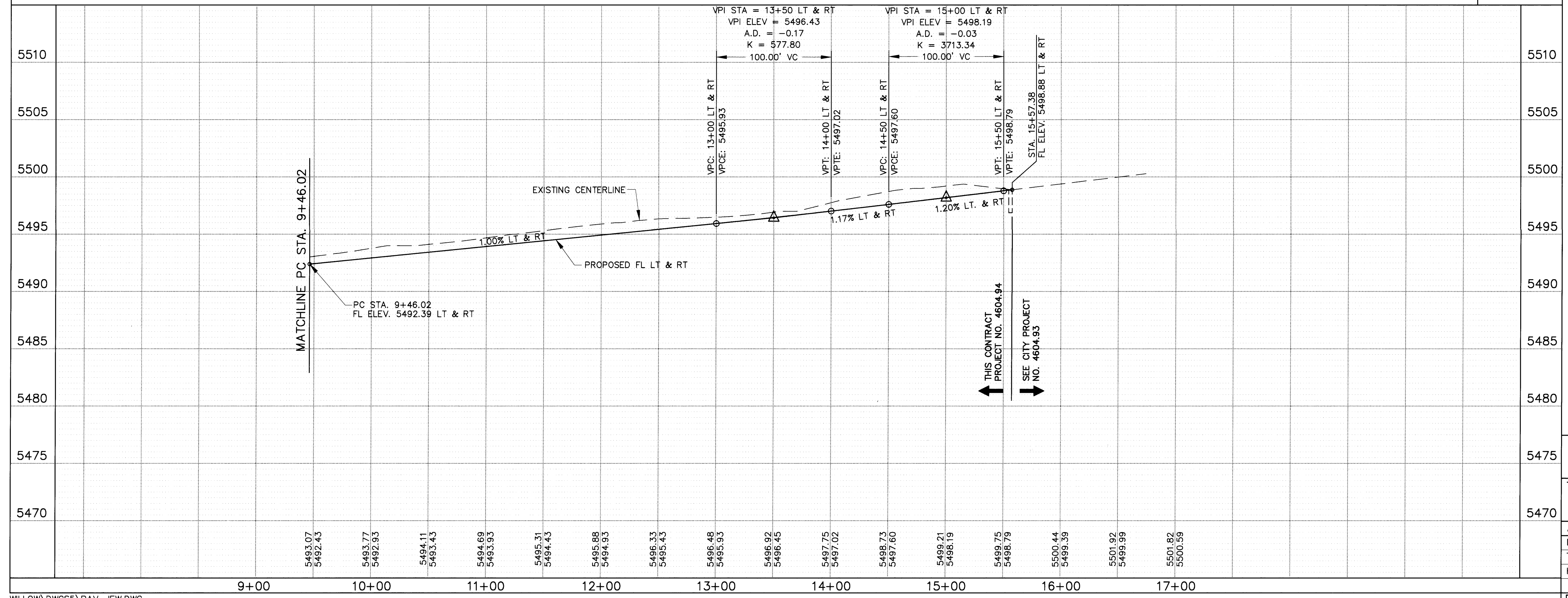
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
D.R.C. Chair	3/1/94	1-19-94	Water	6/8/94	11/94
Transportation	3/1/94	9-20-93	Waste Water		
Hydrology	3/1/94	4-15-94			

DRAWING NO. 4604.94 MAP NO. L-21-Z SHEET 9 OF 24



JEWEL CAVE ROAD
SEE SHEET 23 FOR STREET SECTION

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



WILLOW\DWGS5\PAV-JEW.DWG

- GENERAL NOTES**
- ALL STATIONS AND OFFSET DIMENSIONS ARE BASED ON CENTERLINE OF RIGHT-OF-WAY.
 - ALL ELEVATIONS ARE FLOWLINE UNLESS OTHERWISE NOTED.
- KEYED NOTES**
- CONSTRUCT WHEELCHAIR RAMPS PER COA DWG. 2441, TYPE II.
 - FUTURE 4' SIDEWALK, BY OTHERS.

JEWEL CAVE ROAD

CURB CURVE DATA				
CURVE	DELTA	RADIUS	LENGTH	TANGENT
CR1	08°33'36"	89.00'	13.30'	6.66'
CR2	38°30'50"	25.00'	16.80'	8.73'
CR3	142°21'05"	40.00'	99.38'	117.34'
CR4	38°30'50"	25.00'	16.80'	8.73'
CR5	08°33'36"	89.00'	13.30'	6.66'
CR6	82°26'37"	61.00'	87.77'	53.44'
CR7	90°32'50"	25.00'	39.51'	25.24'
CR8	89°25'14"	25.00'	39.02'	24.75'

CENTERLINE CURVE DATA				
CURVE	DELTA	RADIUS	LENGTH	TANGENT
CL1	82°26'37"	75.00'	107.92'	65.71'

TANGENT DATA		
TANGENT	BEARING	DISTANCE
T1	S88°48'45"E	335.03'
T2	S88°48'45"E	503.44'
T3	S88°48'45"E	90.41'

- LEGEND**
- CENTERLINE OF STREET
 - EXISTING 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)
 - PROPOSED MANHOLE
 - PROPOSED STREET LIGHT LOCATION
 - EXISTING VALVES
 - EXISTING MANHOLE
 - PROPOSED WATER VALVE
 - PROPOSED STORM INLET
 - PROPOSED FIRE HYDRANT

26-4604.94 1099

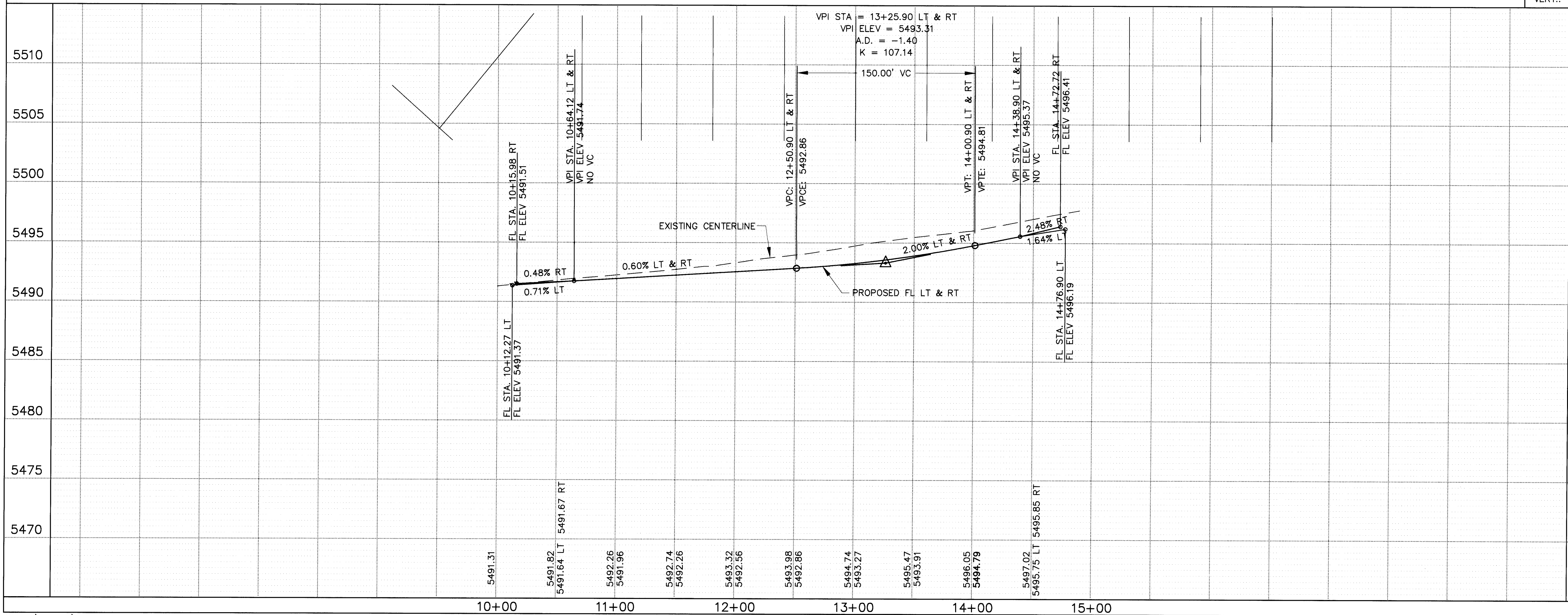
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CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: WILLOW WOOD - UNIT V
JEWEL CAVE ROAD
PAVING PLAN AND PROFILE

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
D.R.C. Chair	<i>[Signature]</i>	4-29-96	Water	<i>[Signature]</i>	10/21/95
Transportation	<i>[Signature]</i>	7-20-95	Waste Water		
Hydrology	<i>[Signature]</i>	4-15-96			

DRAWING NO. 4604.94 MAP NO. L-21-Z SHEET 10 OF 24



WILLOW\DWGS5\PAV-THUN.DWG

10+00 11+00 12+00 13+00 14+00 15+00

- GENERAL NOTES**
- ALL STATIONS AND OFFSET DIMENSIONS ARE BASED ON CENTERLINE OF RIGHT-OF-WAY.
 - ALL ELEVATIONS ARE FLOWLINE UNLESS OTHERWISE NOTED.
- KEYED NOTES**
- CONSTRUCT WHEELCHAIR RAMPS PER COA DWG. 2441, TYPE II.
 - FUTURE 4' SIDEWALK, BY OTHERS.

THUNDER BASIN ROAD

CURVE	DELTA	RADIUS	LENGTH	TANGENT
CR1	82°26'37"	25.00'	35.97'	21.90'
CR2	97°33'23"	25.00'	42.57'	28.54'
CR3	80°03'08"	25.00'	34.93'	21.00'
CR4	96°43'51"	25.00'	42.21'	28.12'

TANGENT DATA

TANGENT	BEARING	DISTANCE
T1	S88°48'45"E	421.57'
T2	S88°48'45"E	399.79'

- LEGEND**
- CENTERLINE OF STREET
 - EXISTING 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)
 - PROPOSED MANHOLE
 - PROPOSED STREET LIGHT LOCATION
 - EXISTING VALVES
 - EXISTING MANHOLE
 - PROPOSED WATER VALVE
 - PROPOSED STORM INLET
 - PROPOSED FIRE HYDRANT

26-4604-94 11/97

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**CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP**

TITLE: WILLOW WOOD - UNIT V
THUNDER BASIN ROAD
PAVING PLAN AND PROFILE

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
D.R.C. Chair	<i>[Signature]</i>	4-29-96	Water	<i>[Signature]</i>	10/3/97
Transportation	<i>[Signature]</i>	9-20-95	Waste Water		
Hydrology	<i>[Signature]</i>	4-15-96			

DRAWING NO. 4604.94 **MAP NO.** L-21-Z **SHEET** 11 **OF** 24

AS BUILT INFORMATION

CONTRACTOR: *New Concepts*
WORK STARTED BY: *C.O.A.* DATE: *10/4/97*
ACCEPTANCE BY: *L. Ramero* DATE: *10/4/97*
FIELD VERIFICATION BY: *L.R.* DATE: *10/4/97*
CORRECTED BY: *C.O.A.* DATE: *10/4/97*
RECORDED BY: *[Signature]* DATE: *[Blank]*

BENCH MARKS

THE STATION MARK IS A STANDARD ACS BRASS TABLET, STAMPED "1-121 RESET 1994", 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 THE CENTERLINE OF JUAN TABO BLVD. AND FLUSH WITH THE TOP OF CURB. SLD ELEVATION 5534.63

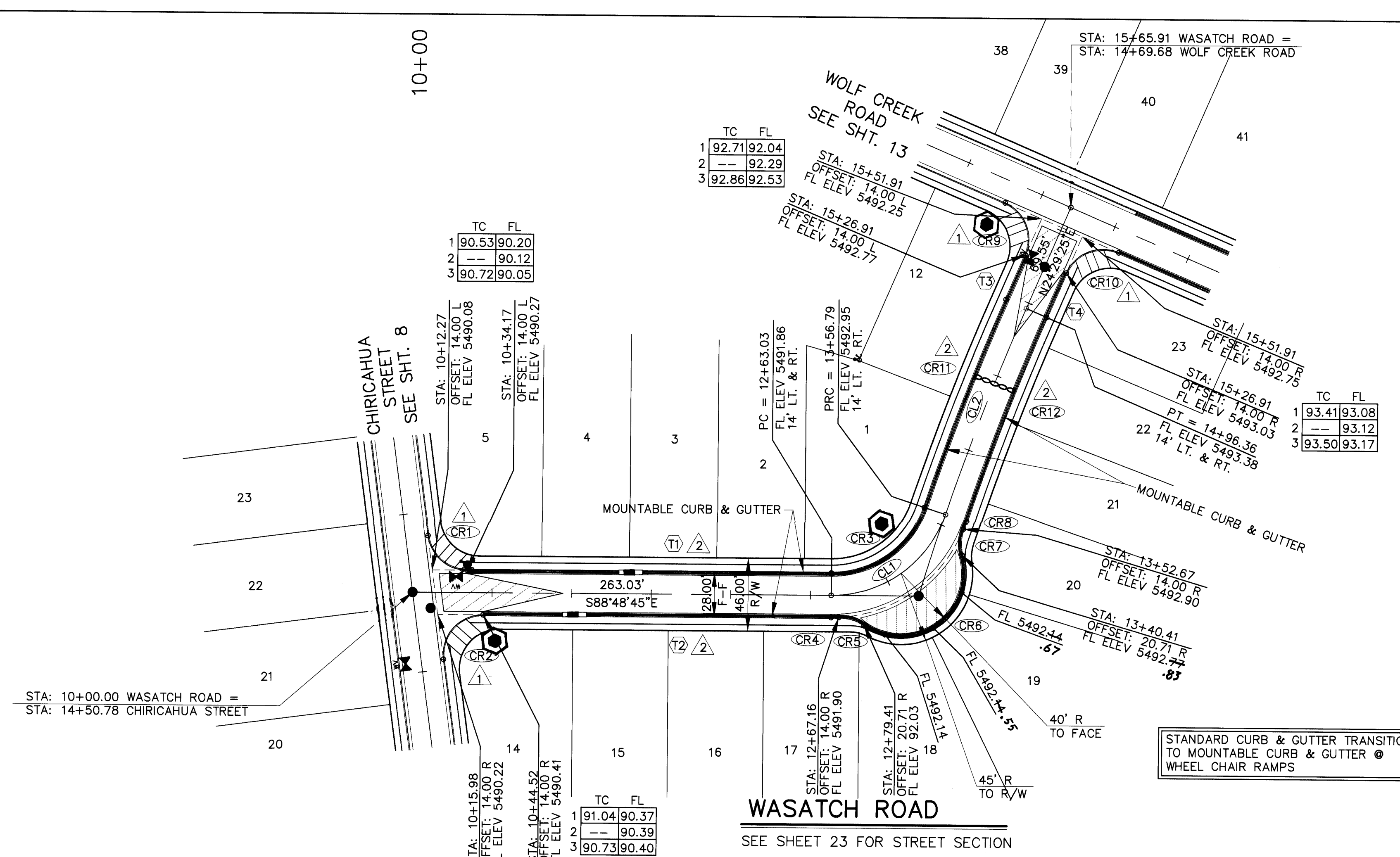
SURVEY INFORMATION

FIELD NOTES BY: *[Blank]* DATE: *[Blank]*

ENGINEER'S SEAL

[Signature]
11/11/97

NO.	DATE	REMARKS	BY
		DESIGN	
		DATE 11/94	
		DRAWN BY RAYJ	
		CHECKED BY JD	
		DATE 11/94	
		DATE 11/94	



- GENERAL NOTES**
1. ALL STATIONS AND OFFSET DIMENSIONS ARE BASED ON CENTERLINE OF RIGHT-OF-WAY.
 2. ALL ELEVATIONS ARE FLOWLINE UNLESS OTHERWISE NOTED.
- KEYED NOTES**
1. CONSTRUCT WHEELCHAIR RAMPS PER COA DWG. 2441, TYPE II.
 2. FUTURE 4' SIDEWALK, BY OTHERS.

WASATCH ROAD

CURB CURVE DATA				
CURVE	DELTA	RADIUS	LENGTH	TANGENT
CR1	82°26'37"	25.00'	35.97'	21.90'
CR2	97°33'23"	25.00'	42.57'	28.54'
CR3	71°37'47"	61.00'	76.26'	44.02'
CR4	03°09'11"	89.00'	4.90'	2.45'
CR5	38°30'50"	25.00'	16.80'	8.73'
CR6	142°21'05"	40.00'	99.38'	117.34'
CR7	38°30'50"	25.00'	16.80'	8.73'
CR8	03°09'11"	89.00'	4.90'	2.45'
CR9	90°00'00"	25.00'	39.27'	25.00'
CR10	90°00'00"	25.00'	39.27'	25.00'
CR11	04°55'56"	1635.26'	140.77'	70.43'
CR12	04°55'56"	1607.26'	138.36'	69.22'

CENTERLINE CURVE DATA				
CURVE	DELTA	RADIUS	LENGTH	TANGENT
CL1	71°37'47"	75.00'	93.76'	54.12'
CL2	04°55'56"	1621.26'	139.57'	69.83'

TANGENT DATA		
TANGENT	BEARING	DISTANCE
T1	N88°48'45"W	228.86'
T2	N88°48'45"W	218.52'
T3	N24°29'25"E	30.55'
T4	S24°29'25"W	30.55'

- LEGEND**
- CENTERLINE OF STREET
 - == EXISTING CURB & GUTTER
 - PROPOSED STANDARD CURB & GUTTER
 - PROPOSED MOUNTABLE CURB & GUTTER
 - PROPOSED WHEELCHAIR RAMP
 - PROPOSED CONCRETE VALLEY GUTTER
 - PROPOSED MANHOLE
 - ▲ PROPOSED STREET LIGHT LOCATION
 - ⊗ EXISTING VALVES
 - ⊙ EXISTING MANHOLE
 - ⊕ PROPOSED WATER VALVE
 - ⊖ PROPOSED STORM INLET
 - ⊗ PROPOSED FIRE HYDRANT

26-4604-94-1297

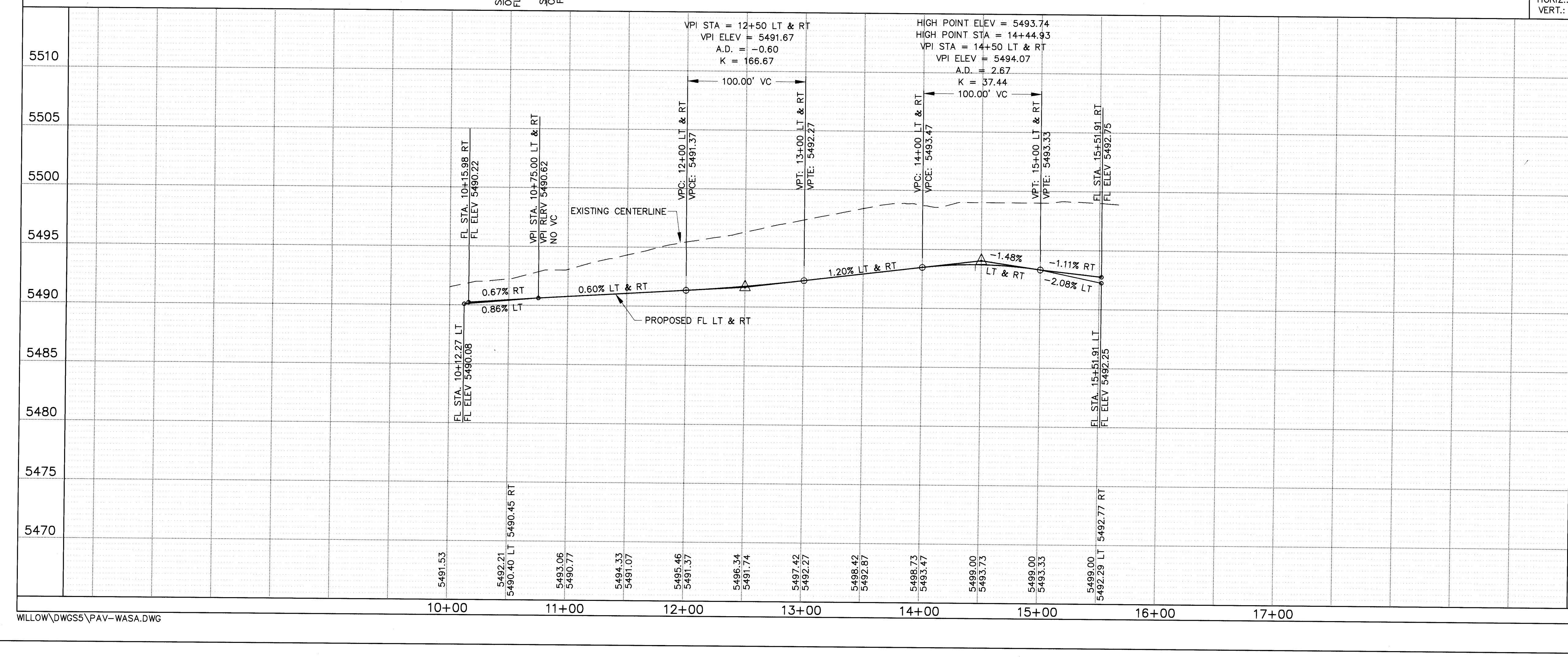
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PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

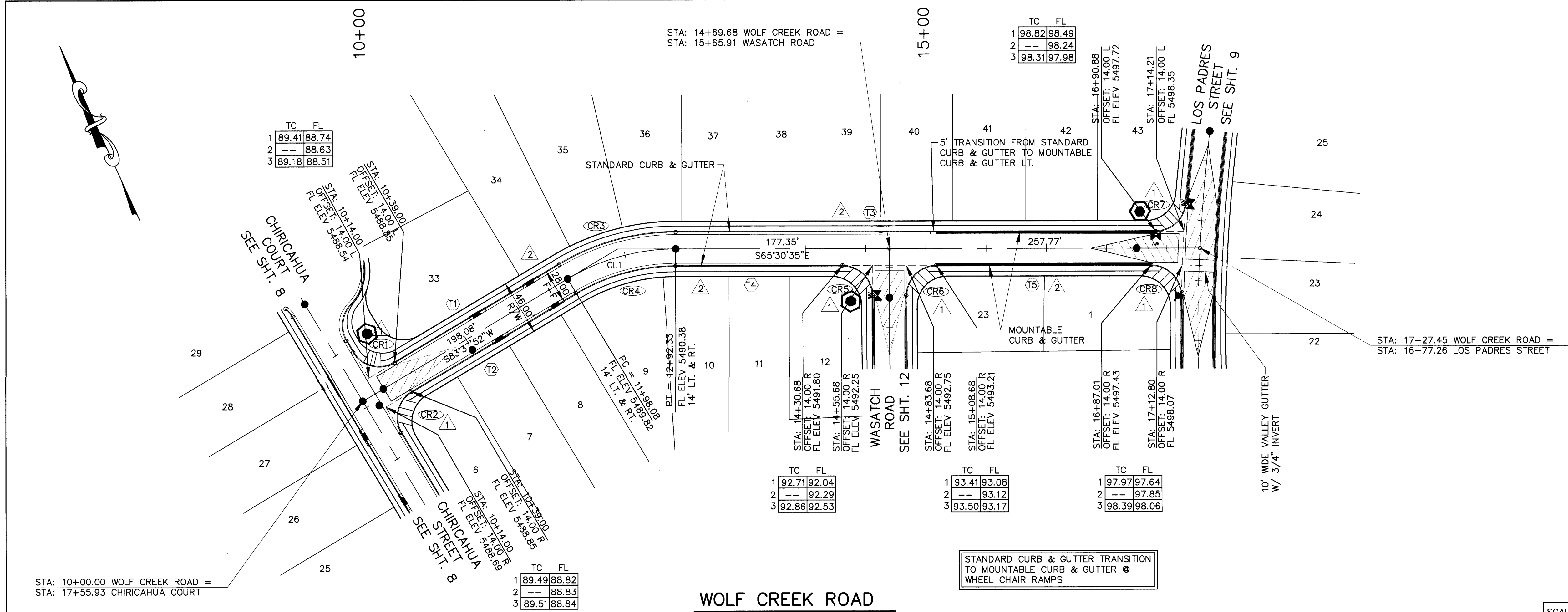
TITLE: WILLOW WOOD - UNIT V
WASATCH ROAD
PAVING PLAN AND PROFILE

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
D.R.C. Chair	<i>[Signature]</i>	4-29-96	Water	<i>[Signature]</i>	11/94
Transportation	<i>[Signature]</i>	9-20-95	Waste Water	<i>[Signature]</i>	11/94
Hydrology	<i>[Signature]</i>	4-15-96			

DRAWING NO. 4604.94 MAP NO. L-21-Z SHEET 12 OF 24

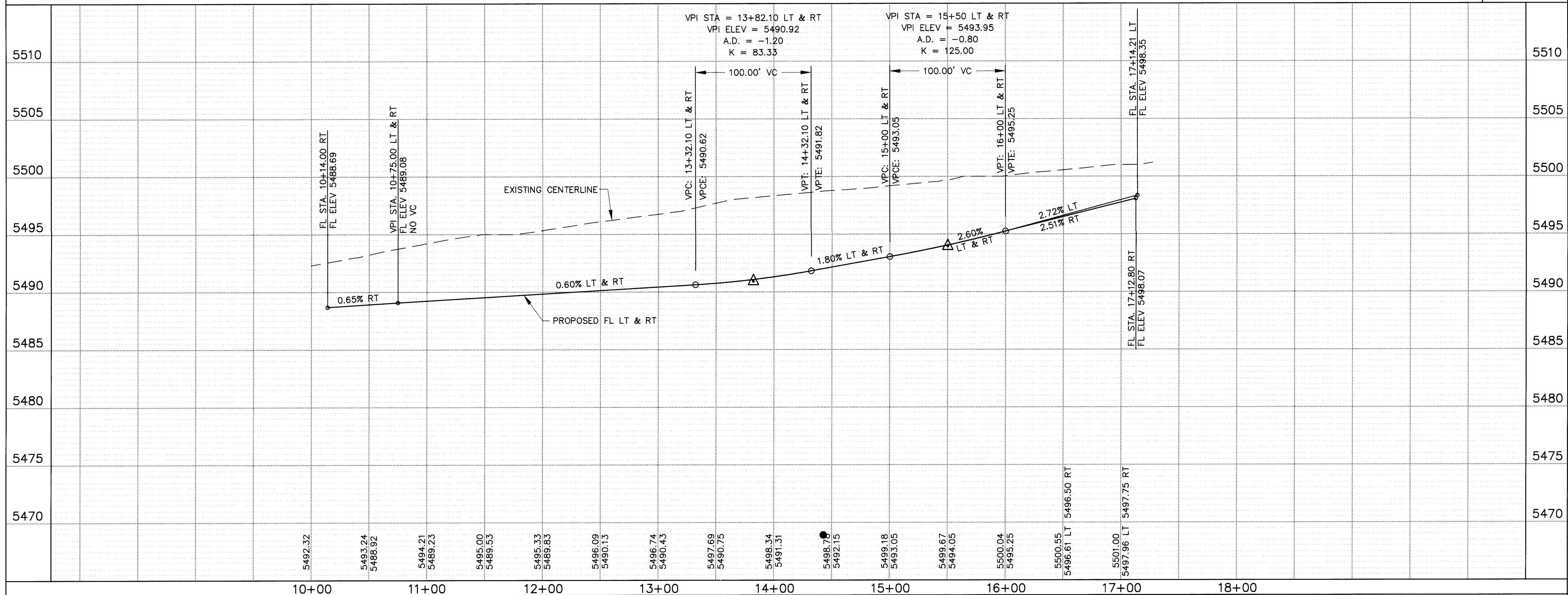


WILLOW\DWGSS\PAV-WASA.DWG



WOLF CREEK ROAD

SEE SHEET 23 FOR STREET SECTION



- GENERAL NOTES
- ALL STATIONS AND OFFSET DIMENSIONS ARE BASED ON CENTERLINE OF RIGHT-OF-WAY.
 - ALL ELEVATIONS ARE FLOWLINE UNLESS OTHERWISE NOTED.
- KEYED NOTES
- CONSTRUCT WHEELCHAIR RAMPS PER COA DWG. 2441, TYPE II.
 - FUTURE 4' SIDEWALK, BY OTHERS.

WOLF CREEK ROAD

CURB CURVE DATA				
CURVE	DELTA	RADIUS	LENGTH	TANGENT
CR1	90°00'00"	25.00'	39.27'	25.00'
CR2	90°00'00"	25.00'	39.27'	25.00'
CR3	30°51'33"	198.00'	101.79'	52.16'
CR4	30°51'33"	161.00'	86.71'	44.44'
CR5	90°00'00"	25.00'	39.27'	25.00'
CR6	90°00'00"	25.00'	39.27'	25.00'
CR7	85°33'59"	25.00'	37.34'	23.14'
CR8	91°14'48"	25.00'	39.81'	25.55'

CENTERLINE CURVE DATA				
CURVE	DELTA	RADIUS	LENGTH	TANGENT
CL1	30°51'33"	175.00'	94.25'	48.30'

TANGENT DATA		
TANGENT	BEARING	DISTANCE
T1	N83°37'52"E	139.08'
T2	N83°37'52"E	159.08'
T3	N65°30'35"W	398.55'
T4	N65°30'35"W	138.35'
T5	S65°30'35"E	178.33'

- LEGEND
- CENTERLINE OF STREET
 - EXISTING 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)
 - PROPOSED MANHOLE
 - PROPOSED STREET LIGHT LOCATION
 - EXISTING VALVES
 - EXISTING MANHOLE
 - PROPOSED WATER VALVE
 - PROPOSED STORM INLET
 - PROPOSED FIRE HYDRANT

26-4604.94 1397

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ENGINEERING GROUP

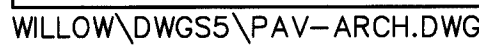
TITLE: WILLOW WOOD - UNIT V
WOLF CREEK ROAD
PAVING PLAN AND PROFILE

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
D.R.C. Chair	<i>[Signature]</i>	4-29-96	Water		
Transportation	<i>[Signature]</i>	9-20-95	Waste Water	<i>[Signature]</i>	10-23-95
Hydrology	<i>[Signature]</i>	4-15-96			

DRAWING NO. 4604.94 MAP NO. L-21-Z SHEET 13 OF 24

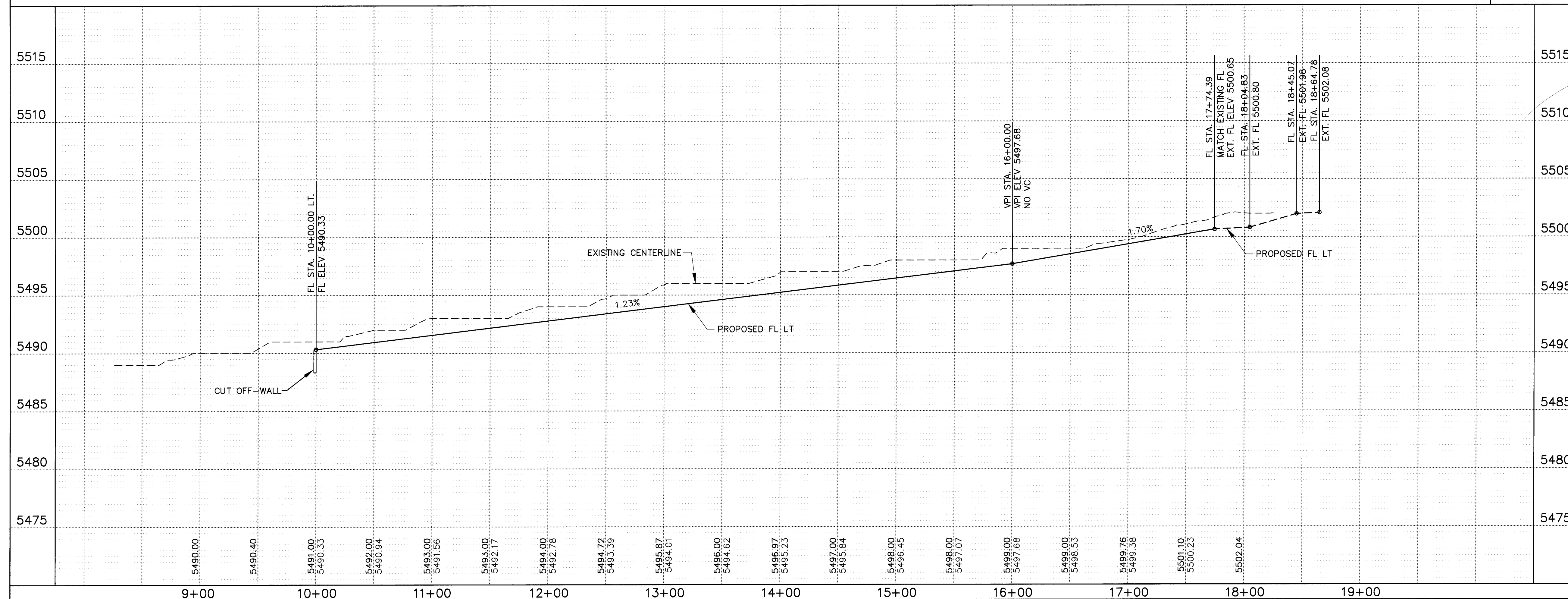
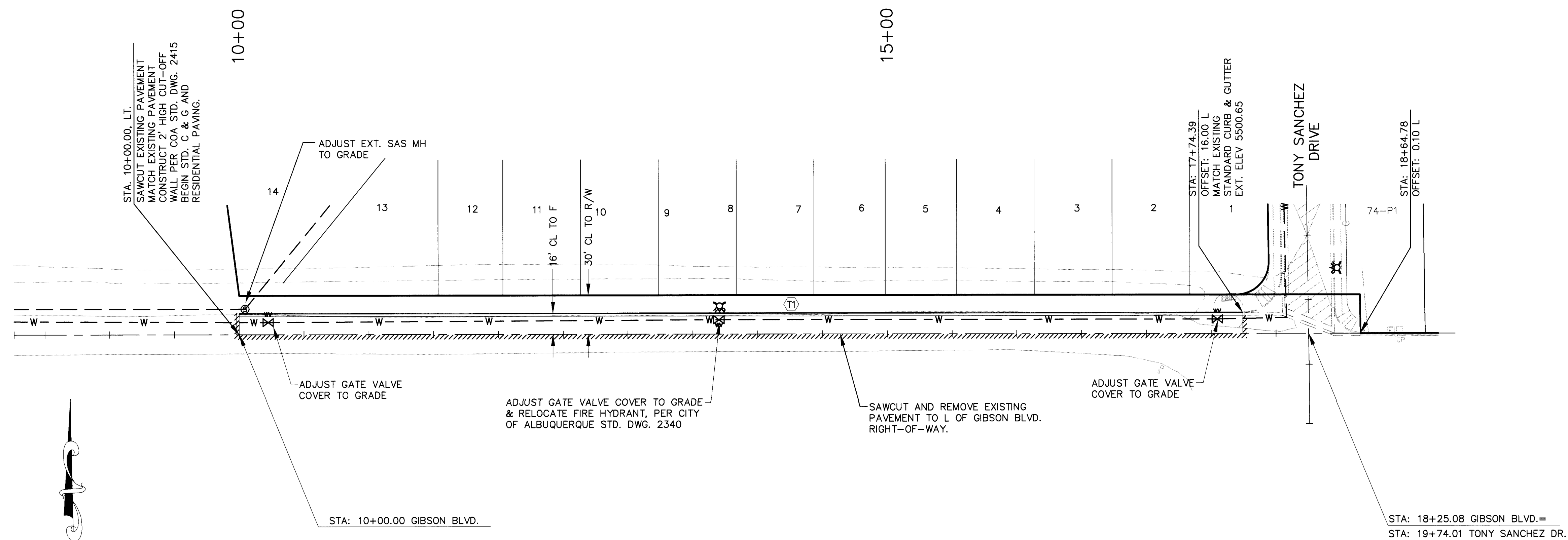


SCALE:
HORIZ.: 1" = 50'
VERT.: 1" = 5'



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CITY OF ALBUQUERQUE					
PUBLIC WORKS DEPARTMENT					
ENGINEERING GROUP					
TITLE:		WILLOW WOOD - UNIT V			
		ARCHES ROAD			
		PAVING & UTILITY PLAN AND PROFILE			
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
D.R.C. Chair			Water		
Transportation	<i>R. D. Smith</i>	9-20-95	Waste Water	<i>G. S. Reed</i>	10/24/95
Hydrology	<i>JRC</i>	4-15-96			
DRAWING NO.		MAP NO.		SHEET OF	
4604.94		L-21-Z		14 24	



GENERAL NOTES

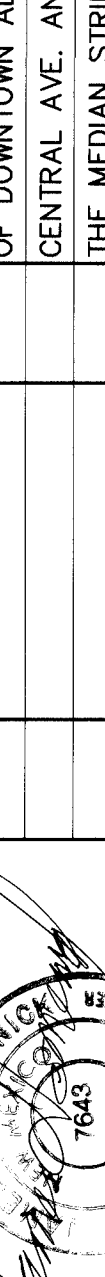


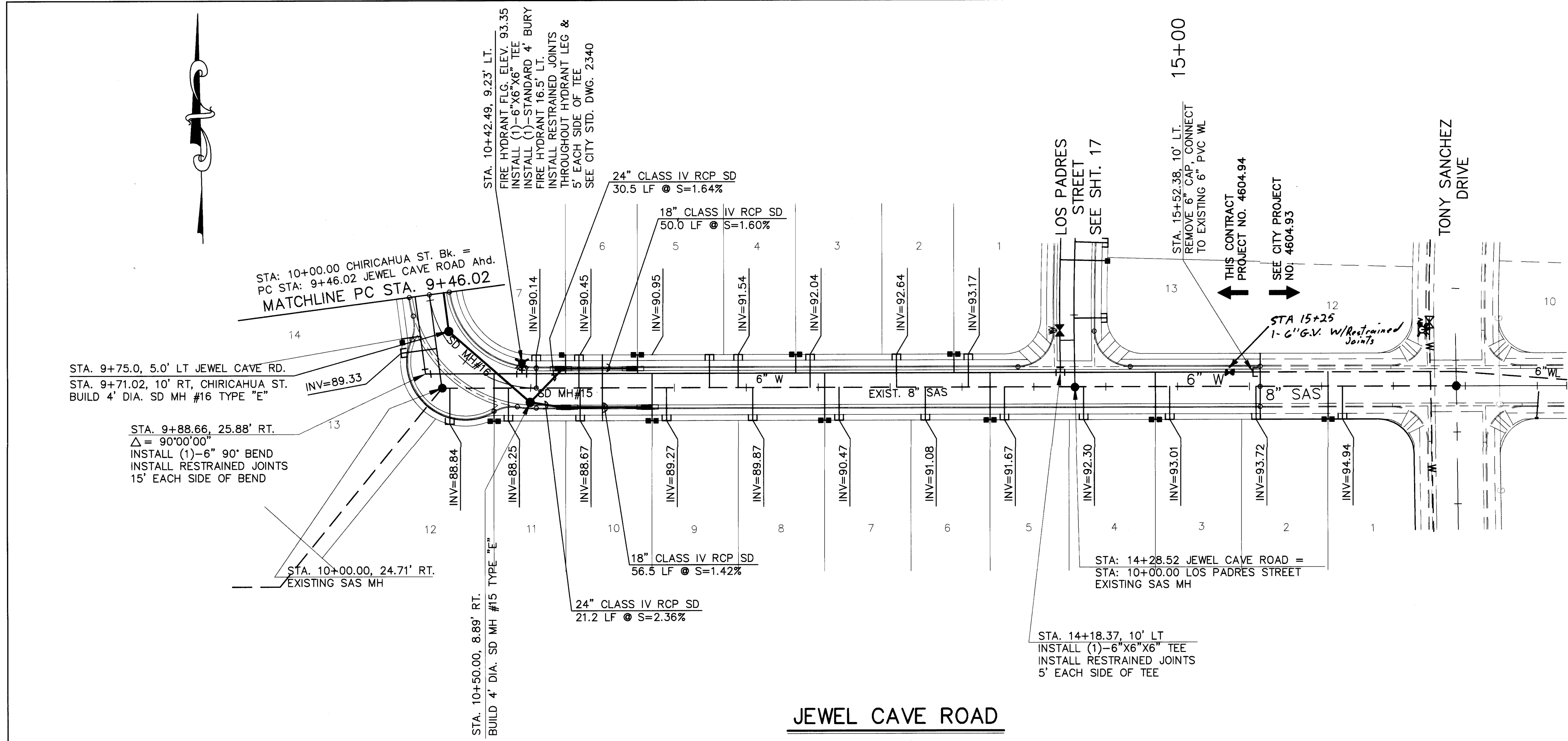
- ### LEGEND
- | | |
|---|--|
| — W — | EXISTING WATERLINE |
| — SD — | EXISTING STORM DRAIN |
| — SAS — | EXISTING SANITARY SEWER |
|  | EXISTING MANHOLE |
|  | EXISTING FIRE HYDRANT |
|  | EXISTING GATE VALVE |
| — W — | PROPOSED WATERLINE |
| — SD — | PROPOSED STORM DRAIN |
| — SAS — | PROPOSED SANITARY SEWER |
| ● | PROPOSED MANHOLE |
|  | PROPOSED FIRE HYDRANT |
|  | PROPOSED GATE VALVE |
| — □ | PROPOSED CAP OR PLUG |
| — ■ | PROPOSED SINGLE METE WATER SERVICE LINE |
| — ■ | PROPOSED DOUBLE METE WATER SERVICE LINES |
| — □ | PROPOSED SANITARY SEWER SERVICE LINE |
|  | PROPOSED CROSS, TEE, ELBOW |

	CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING
TITLE:	WILLOW WOOD LOS PADRES UTILITY PLAN AND

APPROVALS	ENGINEER	DATE	
D.R.C. Chair	<i>[Signature]</i>	4-29-96	Wa
Transportation	N/A RHD	9-20-95	Wa
Hydrology	JPC	4-15-96	

DRAWING NO.	4604.94	MAP L-2
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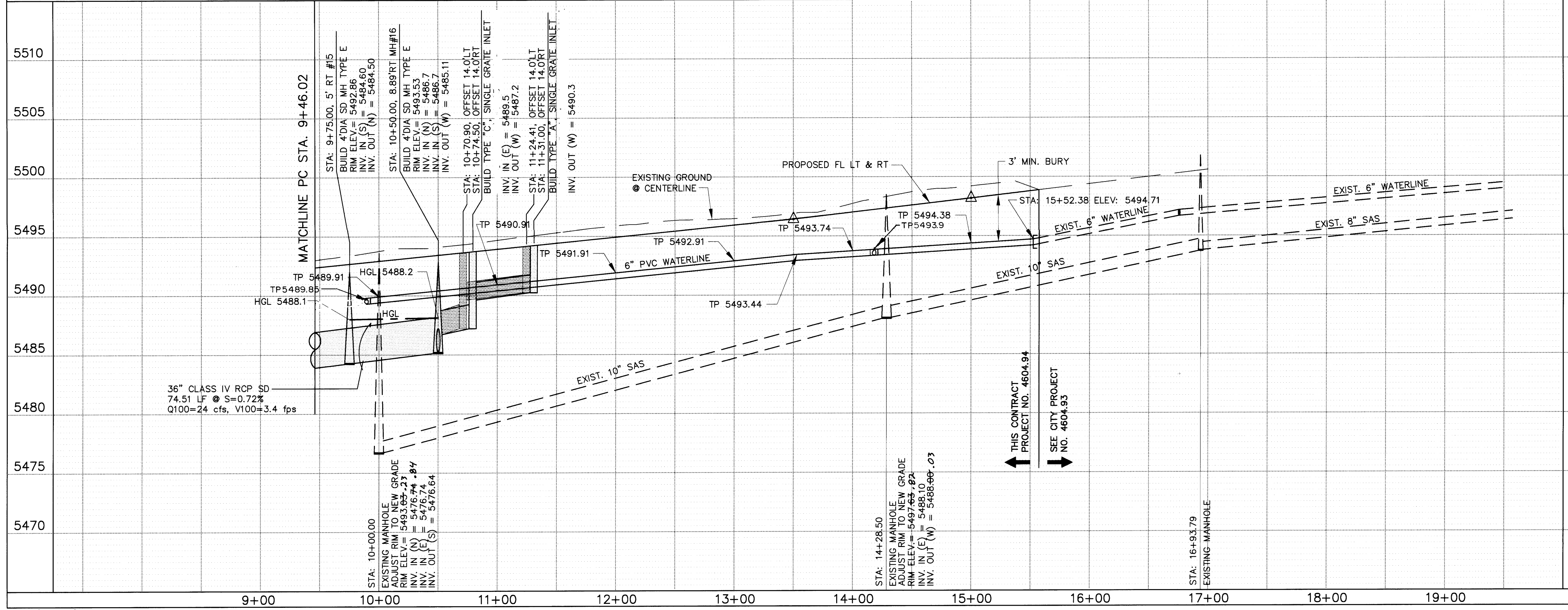
ENGINEER'S SEAL										SURVEY INFORMATION				BENCH MARKS				AS BUILT INFORMATION					
										FIELD NOTES				THE STATION MARK IS A STANDARD ACS BRASS TABLET, STAMPED "1-121 RESET 1994", LOCATED 7.8 MILES EAST OF DOWNTOWN ALBUQUERQUE, AT THE INTERSECTION OF CENTRAL AVE. AND JUAN TABO BLVD. THE STATION IS ON THE MEDIAN STRIP OF CENTRAL AVE., 81' WEST OF THE CENTERLINE OF JUAN TABO BLVD. AND FLUSH WITH THE TOP OF CURB. SLD ELEVATION 5534.63				CONTRACTOR <i>New Concepts</i>					
										NO.		BY		DATE		WORK STAKED BY ACCEPTANCE BY FIELD LAYOUT BY DRAWINGS BY CORRECTED BY				DATE DATE DATE DATE DATE			
										REMARKS		BY											
										DESIGN													
DESIGNED BY DA										DATE		11/94											
DRAWN BY RAYJ										DATE		11/94											
CHECKED BY JD										DATE		11/94											



JEWEL CAVE ROAD

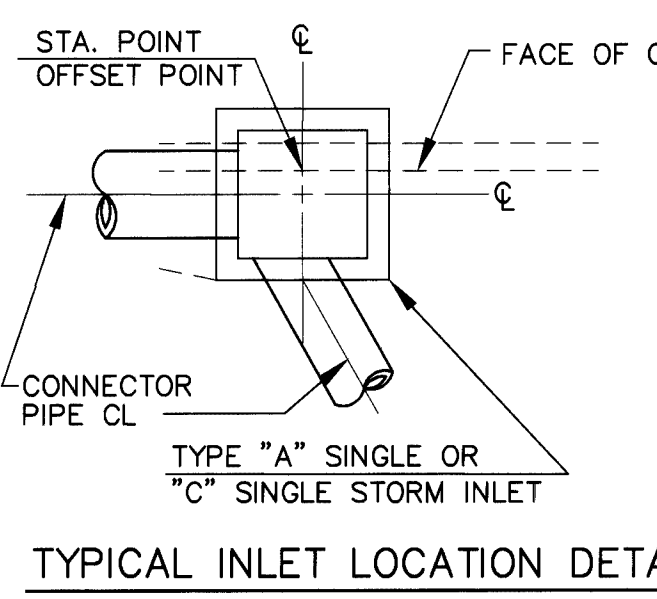
26-4604.94 1897

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



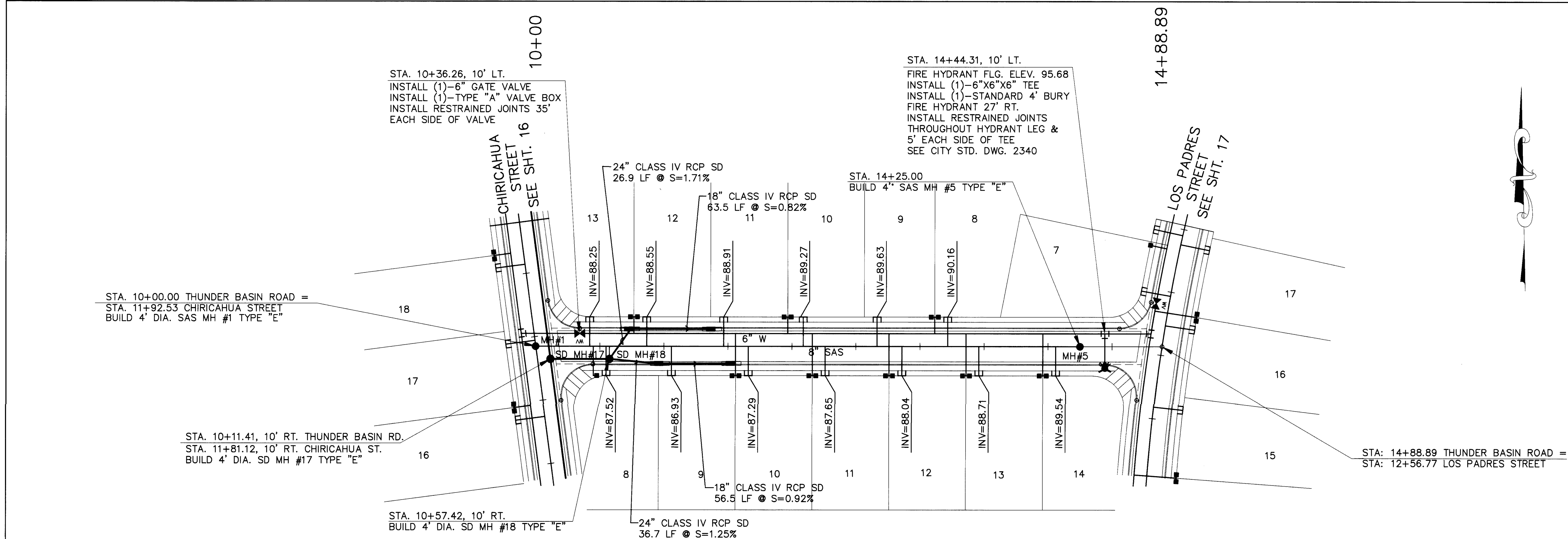
- UTILITY NOTES
- STATIONING ALONG C OF STREET UNLESS OTHERWISE NOTED.
 - SANITARY SEWER LINE LENGTHS COMPUTED FROM MH C TO MH C.
 - SLOPES ARE COMPUTED INVERT TO INVERT. MH RIM ELEVATIONS GIVEN ARE APPROXIMATE. CONTRACTOR SHALL ADJUST ALL RIMS TO FINAL GRADE.
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- LEGEND
- W - EXISTING WATERLINE
 - SD - EXISTING STORM DRAIN
 - SAS - EXISTING SANITARY SEWER
 - O - EXISTING MANHOLE
 - X - EXISTING GATE VALVE
 - W - PROPOSED WATERLINE
 - SD - PROPOSED STORM DRAIN
 - SAS - PROPOSED SANITARY SEWER
 - - PROPOSED MANHOLE
 - X - PROPOSED FIRE HYDRANT
 - X - 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
 - | — PROPOSED STORM INLET



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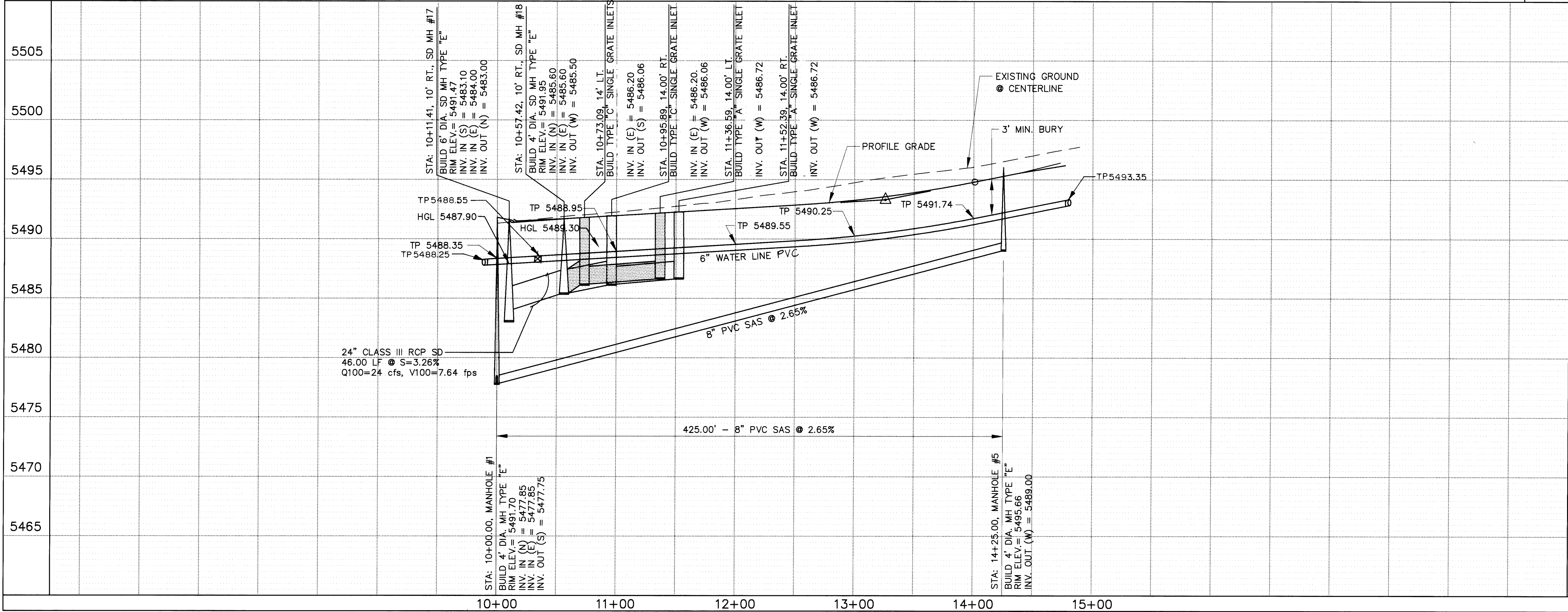
CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING GROUP					
TITLE: WILLOW WOOD - UNIT V JEWEL CAVE ROAD UTILITY PLAN AND PROFILE					
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
D.R.C. Chair	<i>[Signature]</i>	4-29-96	Water	<i>[Signature]</i>	10/2/96
Transportation	<i>[Signature]</i>	9-20-95	Waste Water	<i>[Signature]</i>	
Hydrology	<i>[Signature]</i>	4-13-96			



THUNDER BASIN ROAD

2 6 - 4 6 0 4 . 9 4 1 9 9 7

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

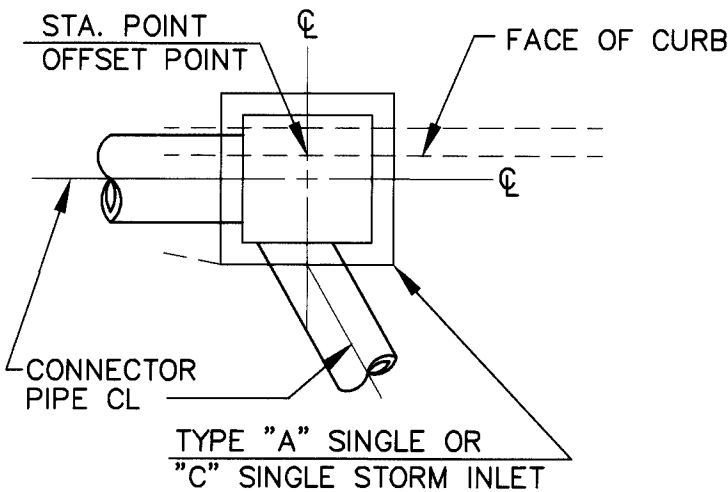


UTILITY NOTES

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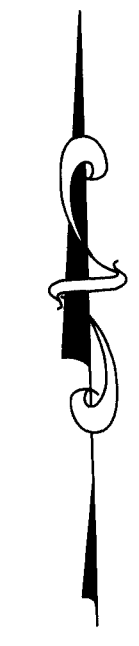
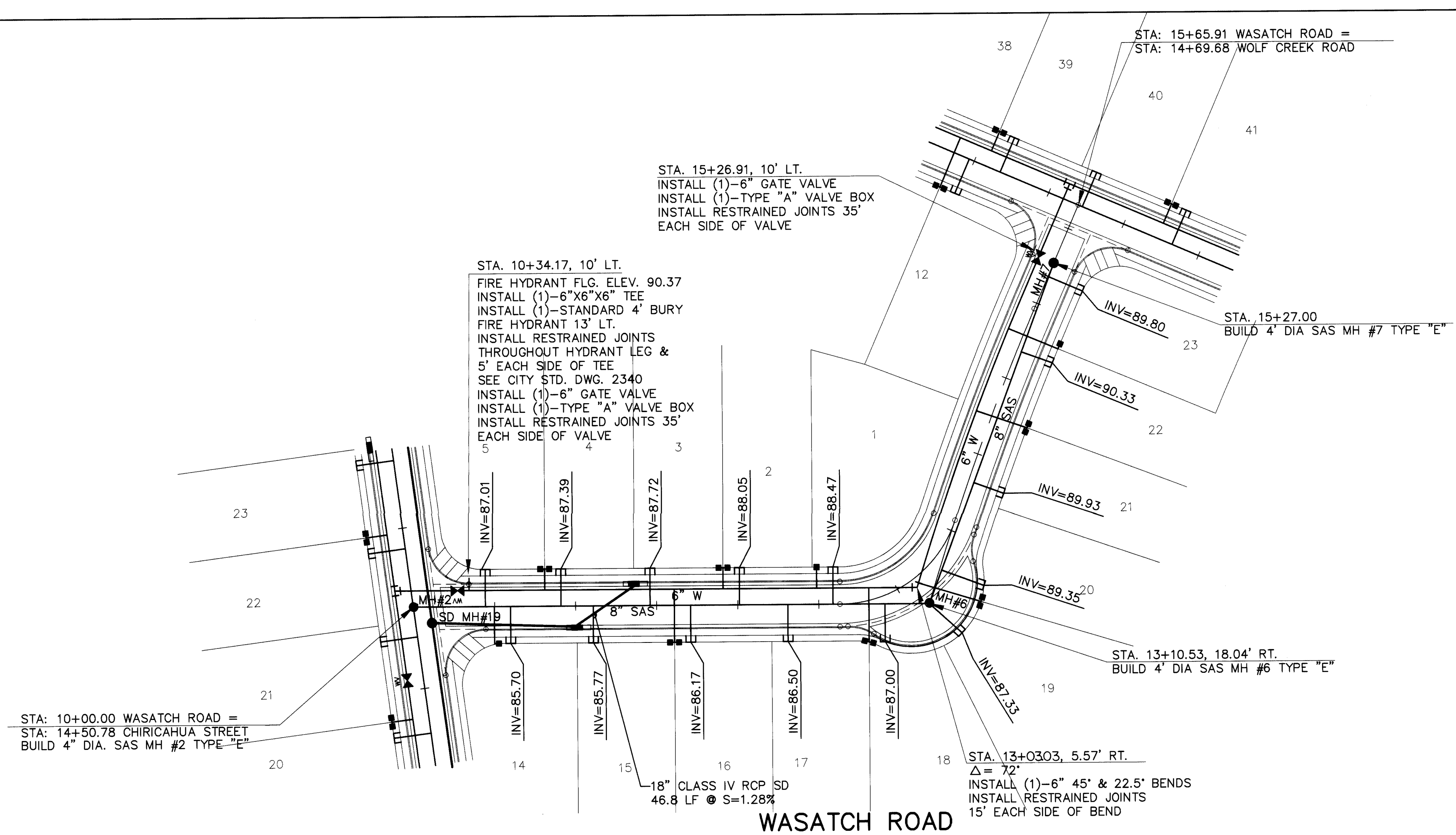


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CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP
TITLE: WILLOW WOOD - UNIT V
THUNDER BASIN ROAD
UTILITY PLAN AND PROFILE

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
D.R.C. Chair	<i>[Signature]</i>	4-29-96	Water	<i>[Signature]</i>	10/13/96
Transportation	<i>[Signature]</i>	8-20-95	Waste Water		
Hydrology	<i>[Signature]</i>	4-15-96			

DRAWING NO. 4604.94 MAP NO. L-21-Z SHEET 19 OF 24



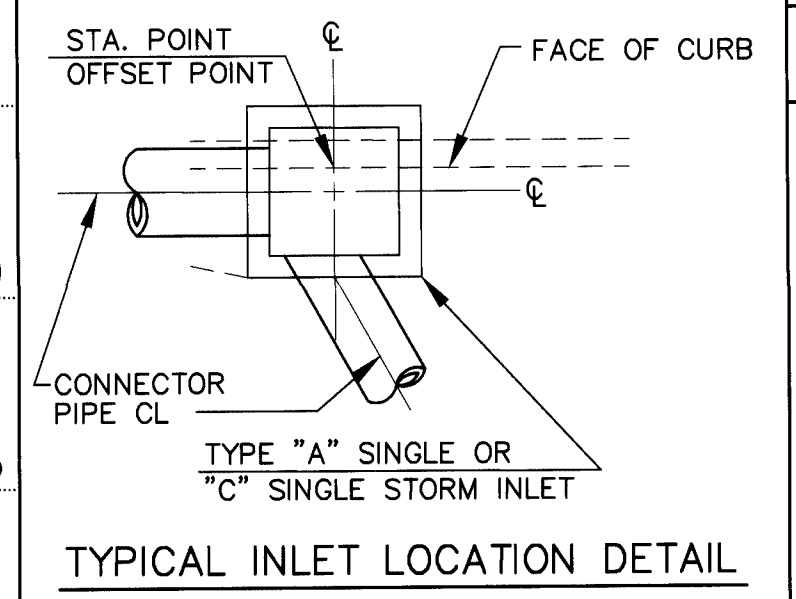
26-4604.94 2097

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

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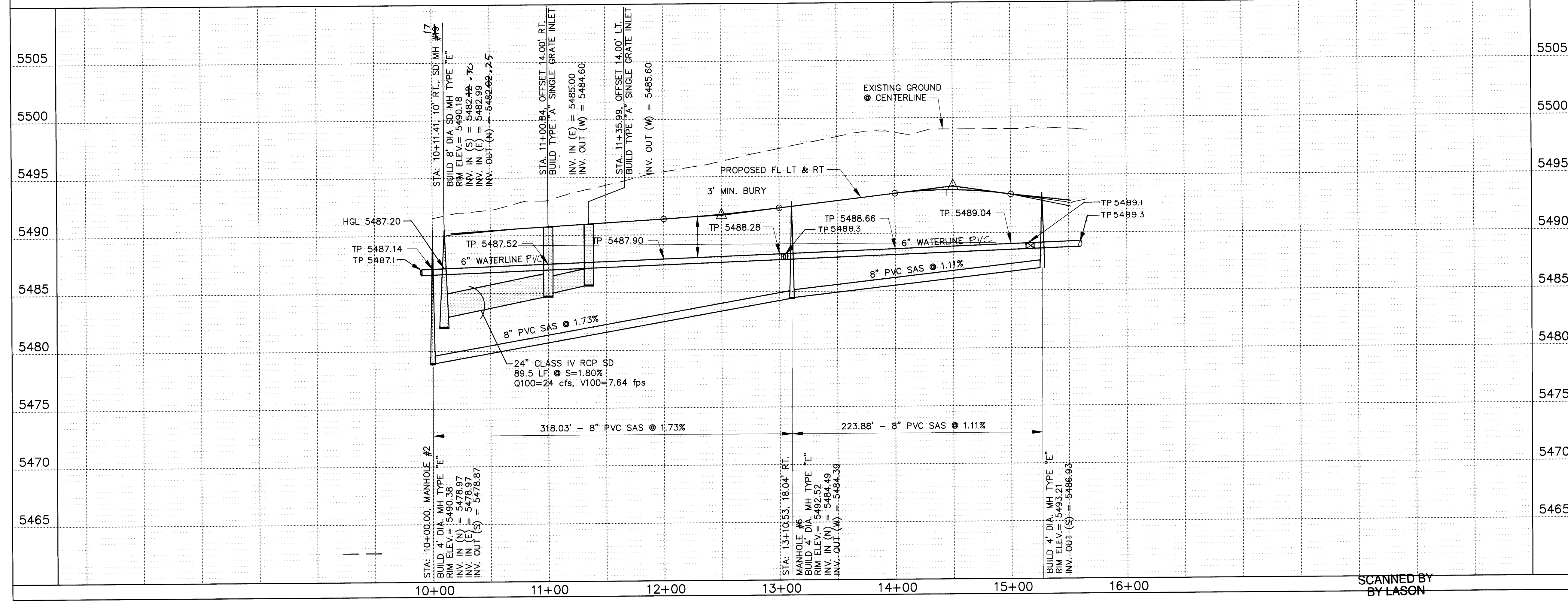
LEGEND

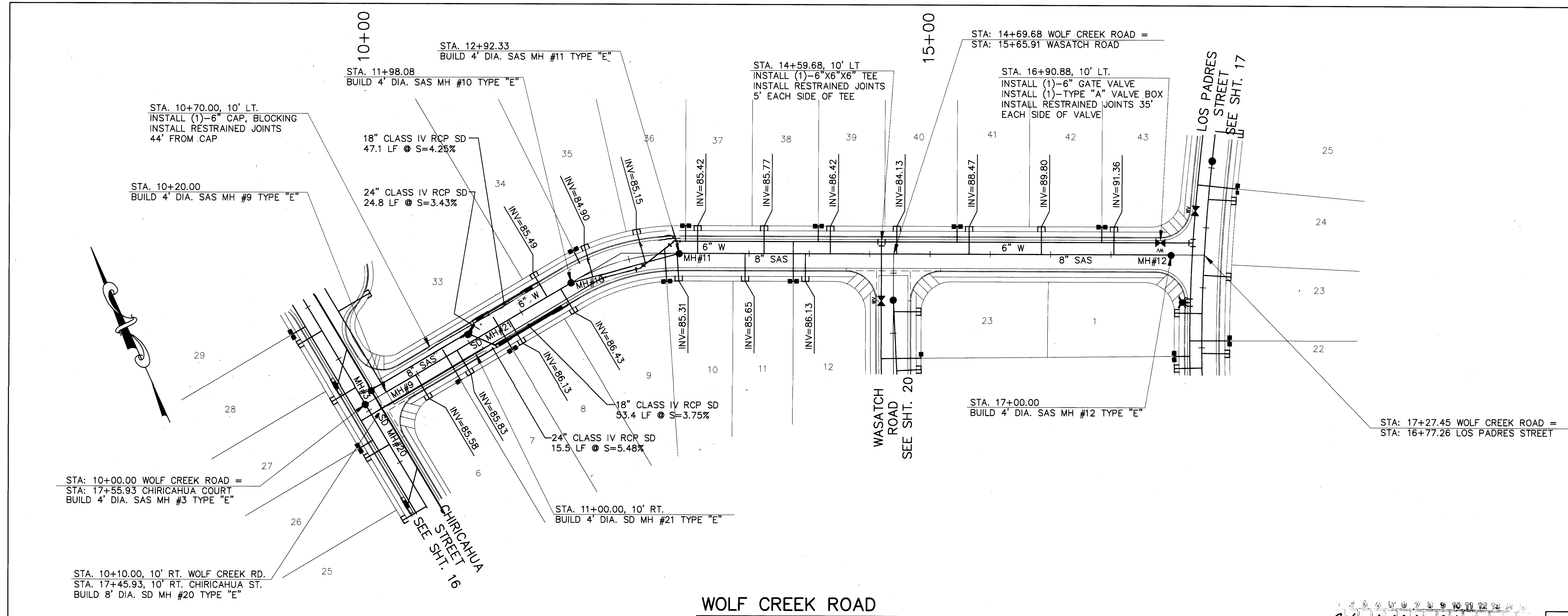
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CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING GROUP					
TITLE: WILLOW WOOD — UNIT V WASATCH ROAD UTILITY PLAN AND PROFILE					
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
D.R.C. Chair	<i>[Signature]</i>	4-29-96	Water	<i>[Signature]</i>	10/23/95
Transportation	<i>[Signature]</i>	9-20-95	Waste Water		
Hydrology	<i>[Signature]</i>	4-15-96			
DRAWING NO. 4604.94		MAP NO. L-21-Z		SHEET 20 OF 24	





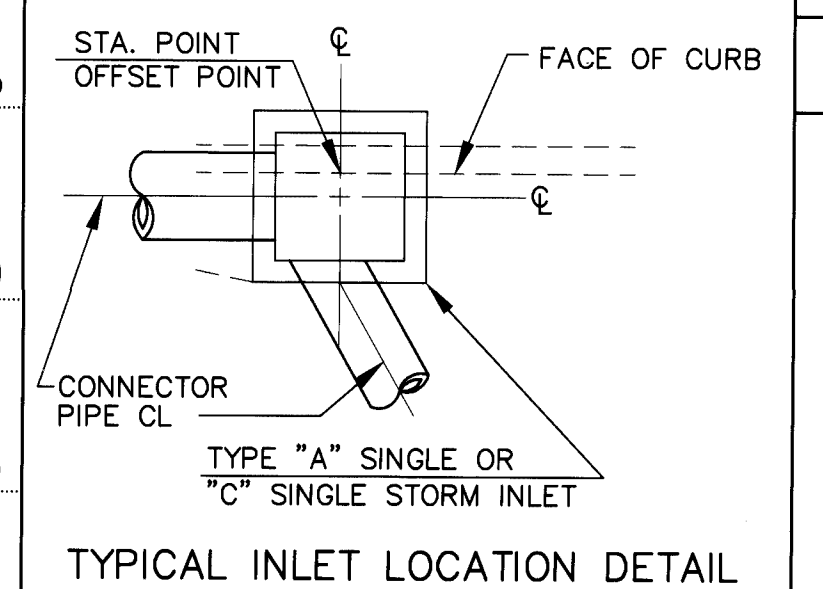
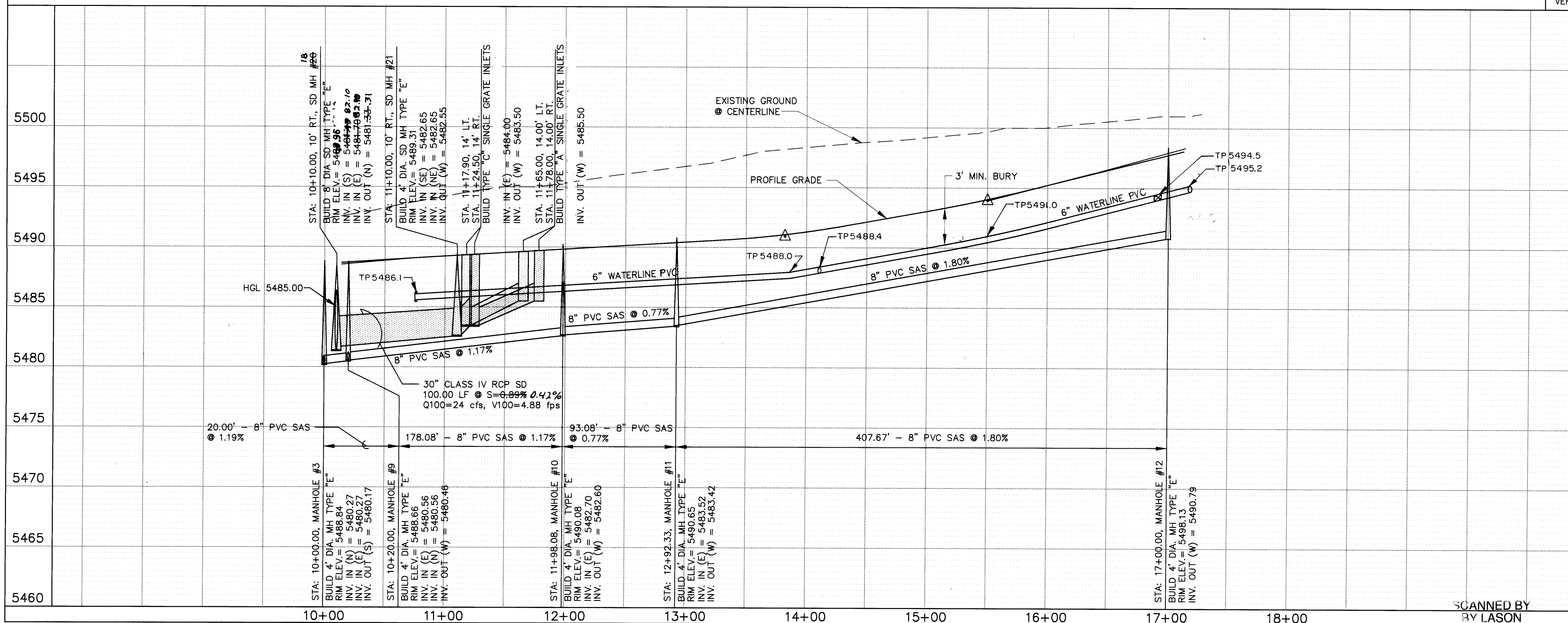
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LEGEND

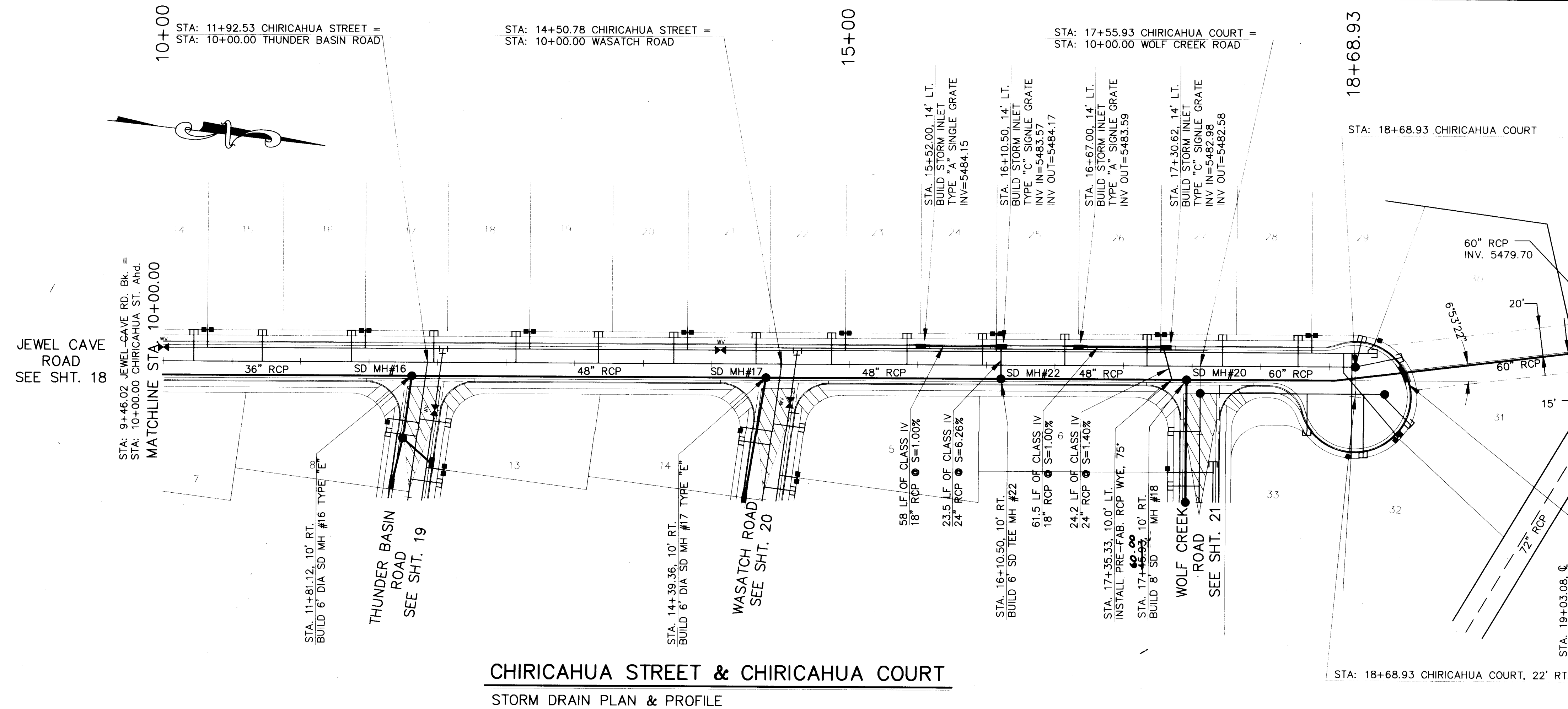
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SCALE:
HORIZ: 1" = 50'
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CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING GROUP					
TITLE: WILLOW WOOD - UNIT V WOLF CREEK ROAD UTILITY PLAN AND PROFILE					
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
D.R.C. Chair	<i>[Signature]</i>	4-29-96	Water	<i>[Signature]</i>	10/23/95
Transportation	<i>[Signature]</i>	9-20-95	Waste Water	<i>[Signature]</i>	
Hydrology	<i>[Signature]</i>	4-15-96			
DRAWING NO.		MAP NO.		SHEET OF	
4604.94		L-21-Z		21 24	

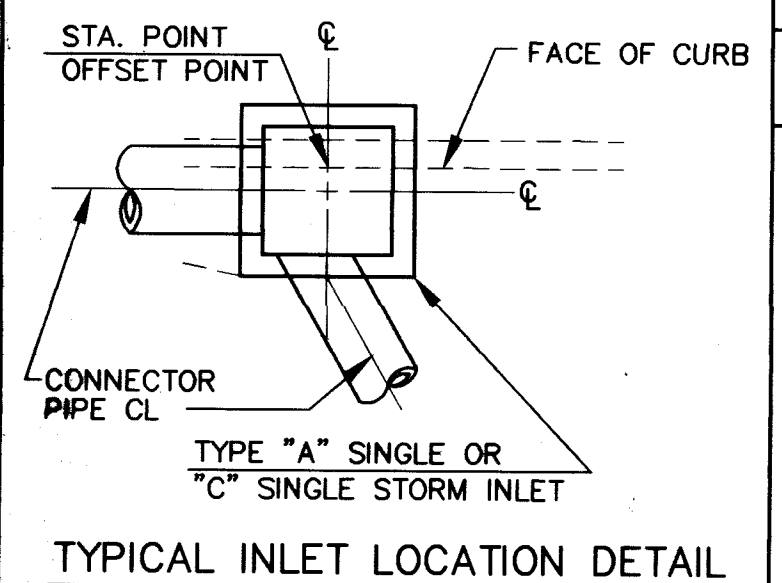


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- INLET INVERTS AND CONNECTOR PIPE SLOPES AND LENGTHS ARE COMPUTED FROM STA./OFFSET TO STA./OFFSET SHOWN ON PLANS.
- CONTRACTOR IS RESPONSIBLE FOR COORDINATION WITH UTILITY COMPANIES.
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- CONTRACTOR SHALL SUBMIT DETAILED SHOP DRAWINGS OF PRE FABRICATED RCP PIPE FOR APPROVAL BY THE CONSTRUCTION INSPECTOR.

LEGEND

- SD PROPOSED STORM DRAIN
- PROPOSED MANHOLE
- PROPOSED STORM INLET

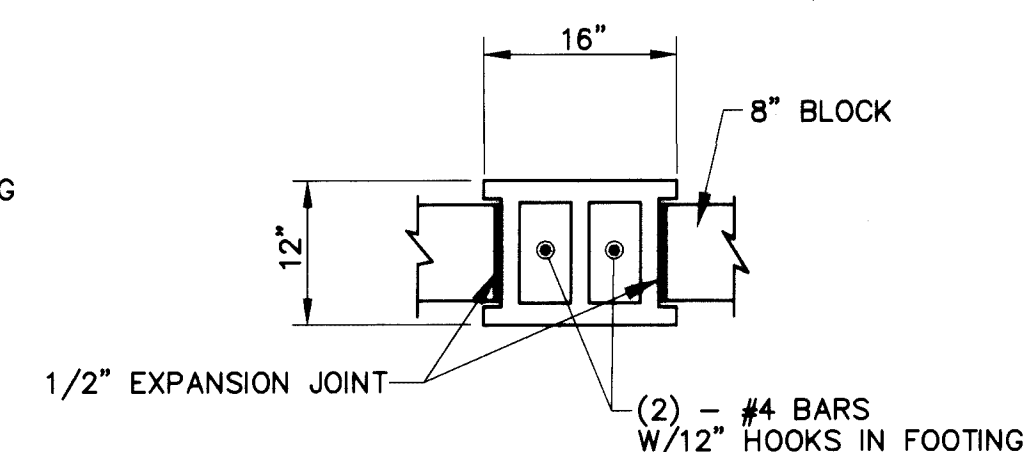
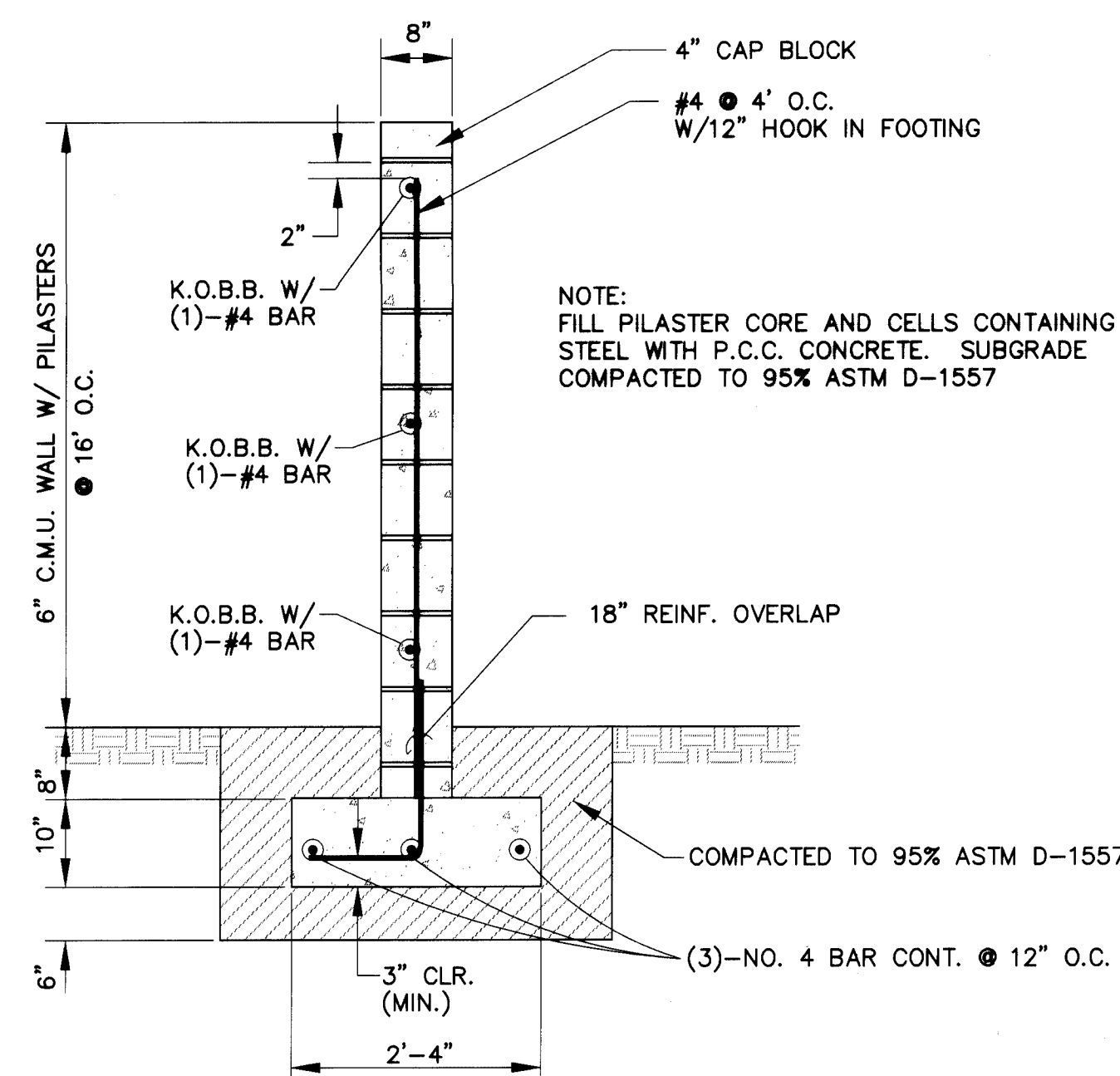
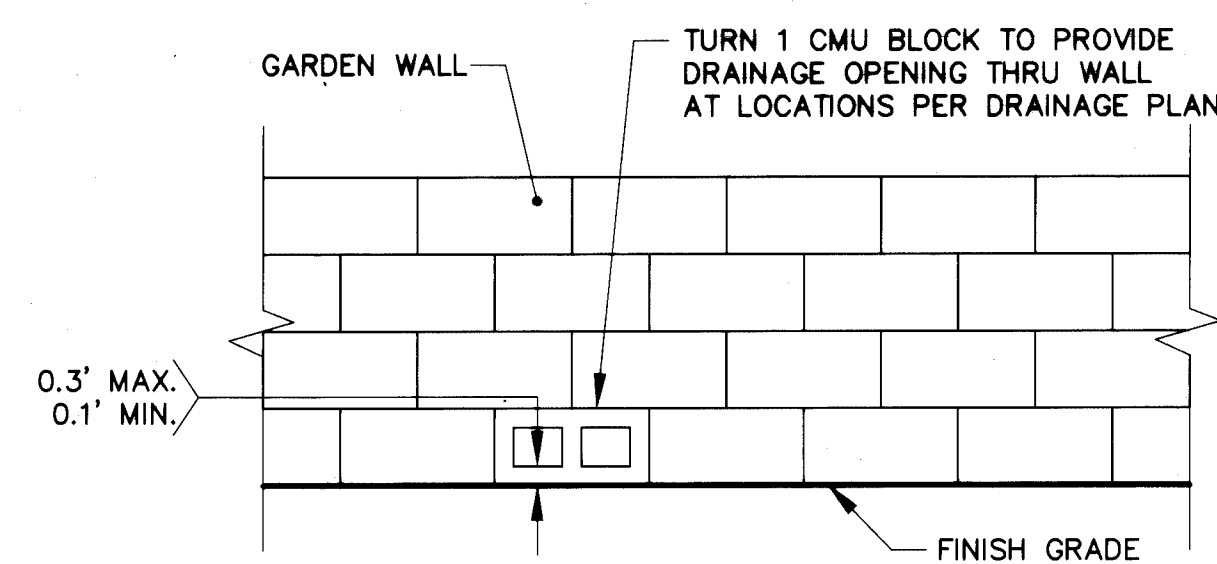
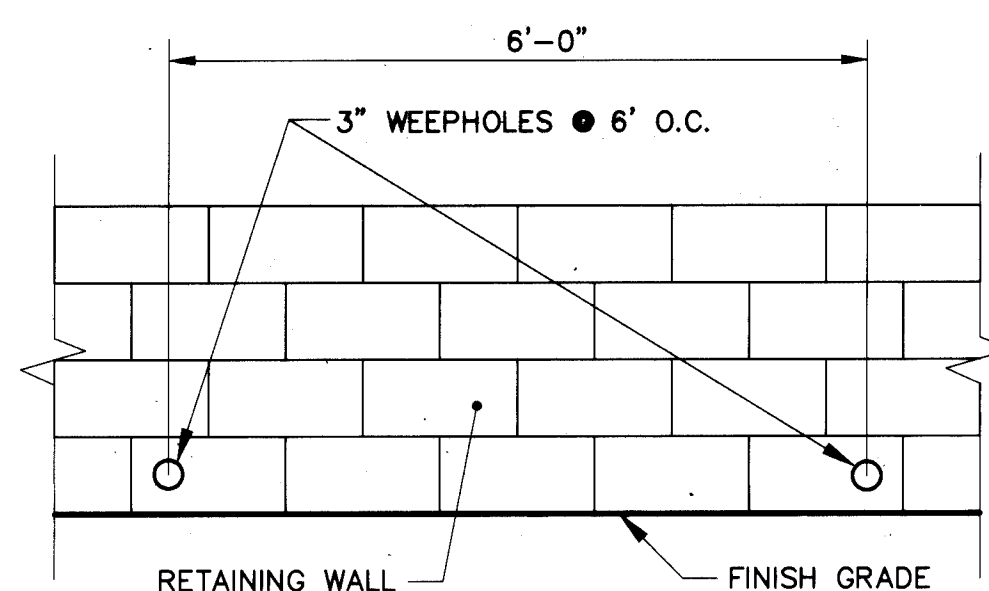
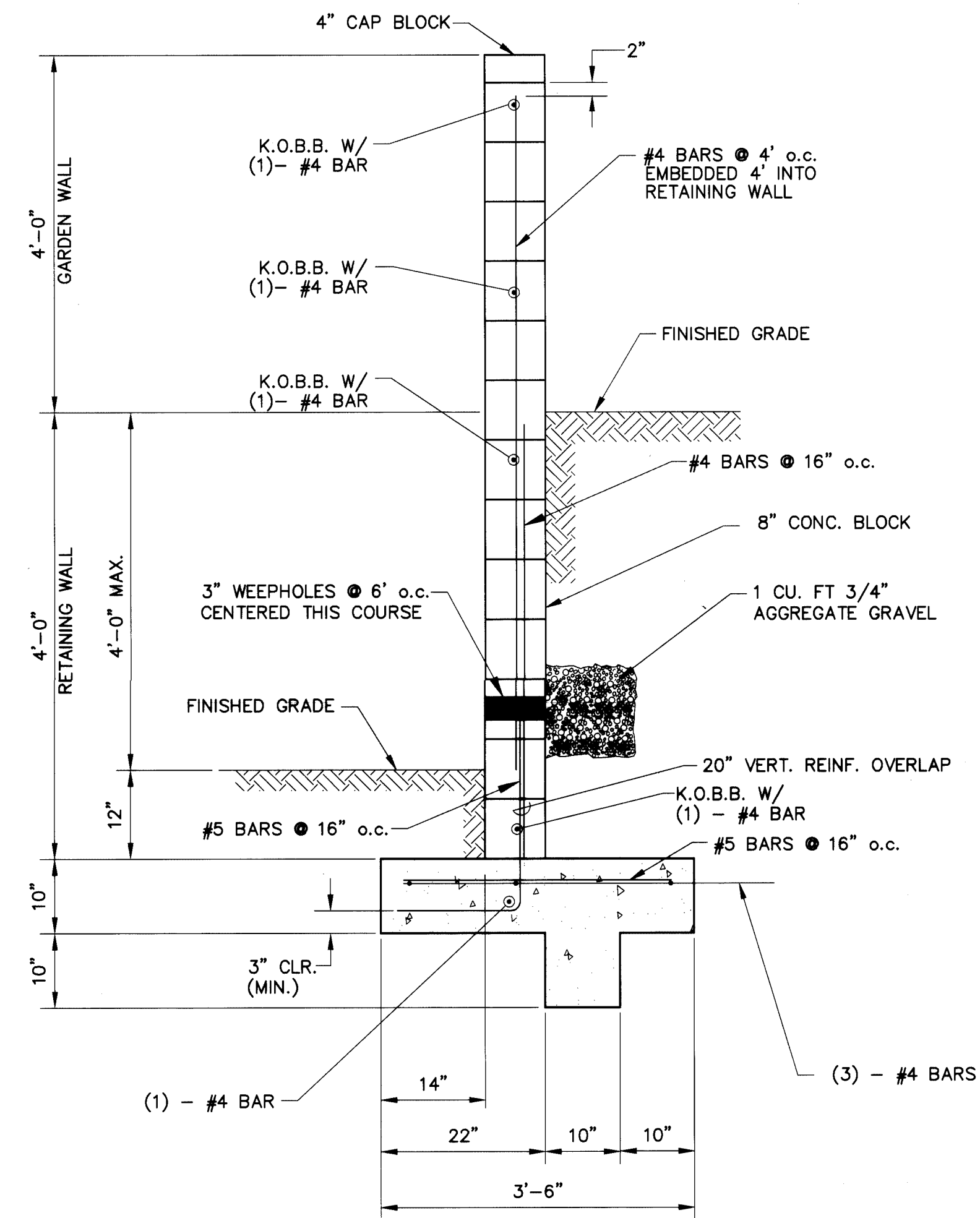
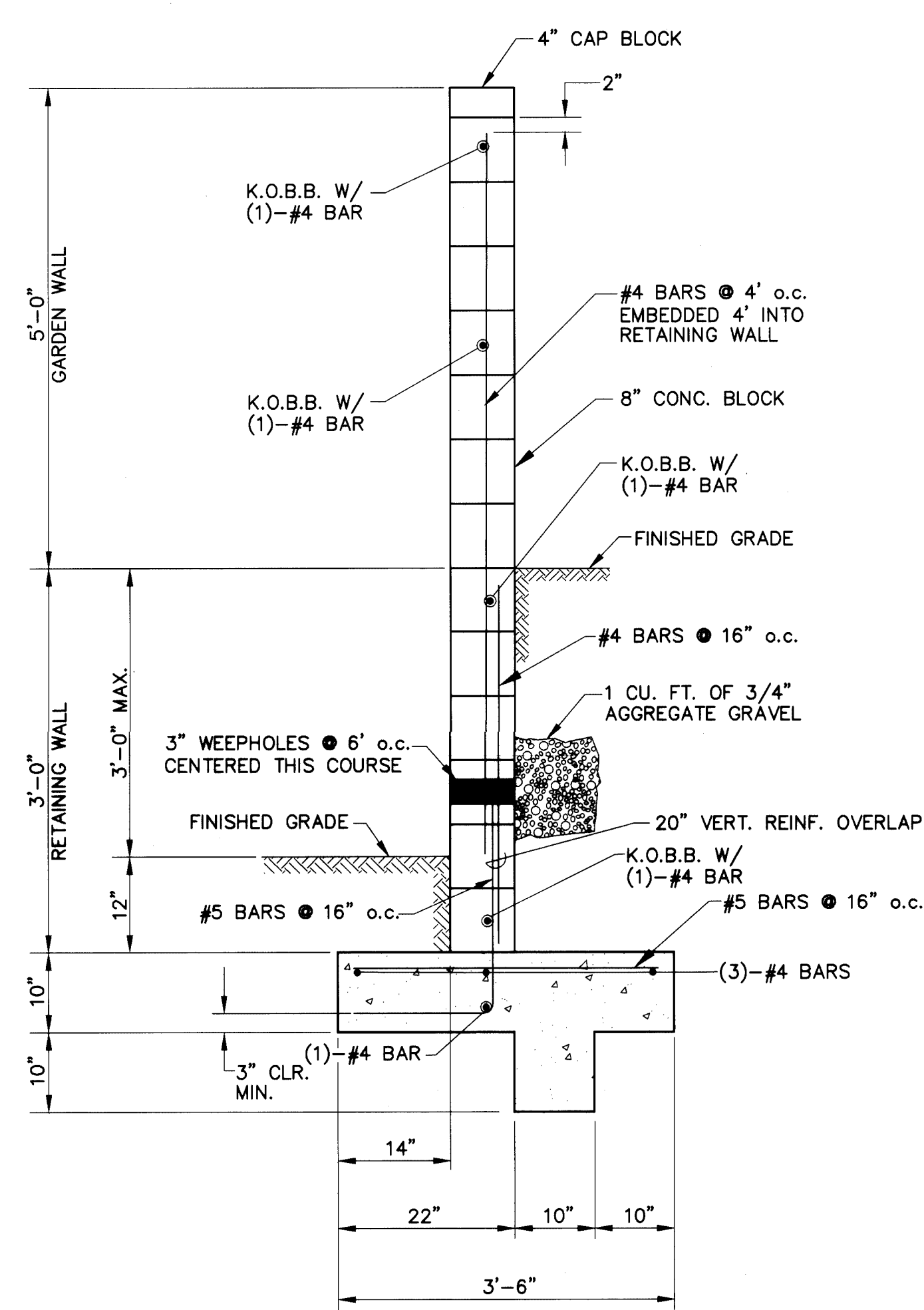
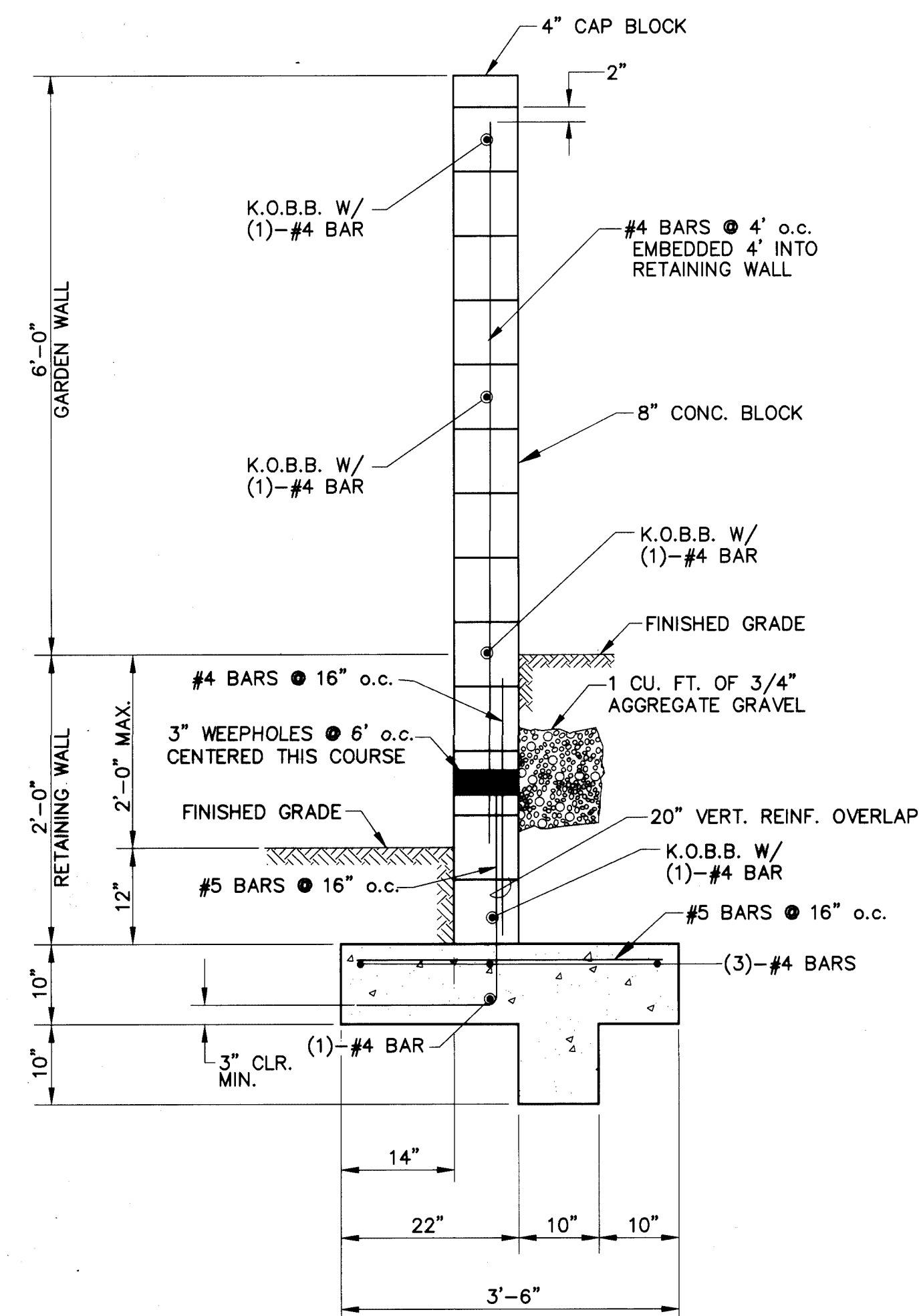
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CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUPTITLE: WILLOW WOOD - UNIT V
CHIRICAHUA STREET & CHIRICAHUA COURT
STORM DRAIN PLAN AND PROFILE

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
D.R.C. Chair	<i>[Signature]</i>	4-29-96	Water	<i>[Signature]</i>	10/15/96
Transportation	<i>[Signature]</i>		Waste Water		
Hydrology	<i>[Signature]</i>	4-15-96			

DRAWING NO. 4604.94 MAP NO. L-21-Z SHEET 22 OF 24



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. 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 IS 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

[illegible]

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CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: WILLOW WOOD - UNIT
WALL DETAILS

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
D.R.C. Chair	<i>[Signature]</i>	4-29-96	Water	<i>[Signature]</i>	
Transportation	NPA <i>[Signature]</i>	9-20-95	Waste Water	<i>[Signature]</i>	10/23/95
Hydrology	<i>[Signature]</i>	4-15-96			

DRAWING NO.	4604.94	MAP NO.	L-21-Z	SHEET	OF	24	24
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