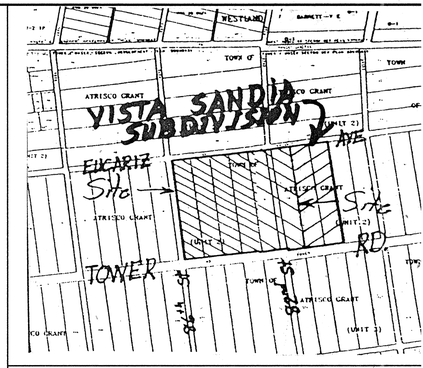
CONSTRUCTION PLANS

FOR

VISTA SANDIA SUBDIVISION UNIT II

ALBUQUERQUE, NEW MEXICO



VICINITY MAP L-9, L-10

SCALE: NONE

GENERAL NOTES

NOTICE TO CONTRACTORS

1. CITY OF ALBUQUERQUE SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1986 EDITION AS AMENDED THROUGH UPDATE 6, WILL BE REFERRED TO HEREIN AS THE "STANDARD SPECIFICATIONS".
2. TWO WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT NEW MEXICO ONE CALL SYSTEM (260-1990) AND DETERMINE LOCATION OF EXISTING UTILITIES.
3. PRIOR TO ANY CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL OBSTRUCTIONS. SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE ENGINEER OR THE SURVEYOR SO THAT THE CONFLICT CAN BE RESOLVED WITHOUT DELAY.
4. ALL EXISTING SIGNS, MARKERS, DELINEATORS, ETC., WITHIN THE CONSTRUCTION LIMITS SHALL BE REMOVED, STORED AND RE-SET BY THE CONTRACTOR.
5. FIVE (5) WORKING DAYS PRIOR TO BEGINNING CONSTRUCTION THE CONTRACTOR SHALL SUBMIT TO THE CONSTRUCTION CO-ORDINATION DIVISION A DETAILED CONSTRUCTION SCHEDULE. TWO (2) WORKING DAYS PRIOR TO CONSTRUCTION THE CONTRACTOR SHALL OBTAIN A BARRICADING PERMIT FROM THE CONSTRUCTION CO-ORDINATION DIVISION. CONTRACTOR SHALL NOTIFY BARRICADE ENGINEER (768-2551) PRIOR TO OCCUPYING AN INTERSECTION. SEE SECTION 19 OF THE SPECIFICATIONS.
6. ALL STREET STRIPING ALTERED OR DESTROYED SHALL BE REPLACED WITH PLASTIC REFLECTORIZED PAVEMENT MARKINGS BY CONTRACTOR IN EXISTING OR NEW LOCATION AS INDICATED BY THIS SET.
7. THE CONTRACTOR SHALL NOTIFY THE ENGINEER NOT LESS THAN 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 THE PAVEMENT OF ANY ROADWAY IN WHICH A PERMANENT SURVEY MONUMENT IS LOCATED, CONTRACTOR SHALL, AT HIS OWN EXPENSE, ADJUST THE MONUMENT COVER TO THE NEW GRADE UNLESS OTHERWISE SPECIFIED. REFER TO SECTION 4.4 OF THE GENERAL CONDITIONS OF THE STANDARD SPECIFICATIONS.
8. ANY WORK OCCURRING WITHIN AN ARTERIAL ROADWAY REQUIRES 24 HOURS CONSTRUCTION.

THE FOLLOWING NOTES ALSO APPLY WHEN CHECKED

- [x] ALL UTILITIES AND UTILITY SERVICE LINES SHALL BE INSTALLED PRIOR TO PAVING.
- [x] BACKFILL COMPACTION SHALL BE ACCORDING TO SPECIFIED STREET USE.
- [ ] TACK COAT REQUIREMENTS SHALL BE DETERMINED BY THE CITY ENGINEER.
- [x] SIDEWALK AND WHEELCHAIR RAMPS WITHIN THE CURB RETURNS SHALL BE CONSTRUCTED WHEREVER A NEW CURB RETURN IS CONSTRUCTED.
- [ ] IF CURB IS DEPRESSED FOR A DRIVEPAD, THE DRIVEPAD SHALL BE CONSTRUCTED PRIOR TO ACCEPTANCE OF CURB AND GUTTER.
- [x] ALL STORM DRAINAGE FACILITIES SHALL BE COMPLETED PRIOR TO FINAL ACCEPTANCE.

CAUTION:
NOTE THAT ALL EXISTING UTILITIES MAY NOT BE SHOWN. ALL EXISTING SERVICE CONNECTIONS ARE NOT SHOWN. ANY EXISTING UTILITIES THAT ARE SHOWN ARE APPROXIMATE LOCATION ONLY. IT SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO CONTACT ALL THE UTILITY OWNERS AND TO CONDUCT ALL NECESSARY FIELD INVESTIGATIONS PRIOR TO ANY EXCAVATIONS TO DETERMINE THE ACTUAL LOCATION OF UTILITIES AND OTHER IMPROVEMENTS.

dmg D. MARK GOODWIN & ASSOCIATES, P.A.
CONSULTING ENGINEERS
P. O. BOX 90606
ALBUQUERQUE, NEW MEXICO 87199
(505) 828-2200, FAX (505) 797-9539

INDEX TO DRAWINGS

SHEET NO.	SHEET
1	TITLE SHEET
2-4	PLAT
5-7	GRADING AND DRAINAGE PLAN
8	MASTER PAVING PLAN
9-14	PAVING IMPROVEMENTS
15	MASTER UTILITY PLAN
16-21	UTILITY IMPROVEMENTS
22,23	STORM IMPROVEMENTS
24,25	TRAFFIC CONTROL

APPROVAL OF AS BUILT DRAWINGS
CHIEF CONSTRUCTION ENGINEER
DATE 2/16/01

SURVEYOR'S CERTIFICATION

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

Timothy Aldrich, P.S. No. 7719 — Date 10-12-00

7719 NEW MEXICO

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

ENGINEERS STAMP & SIGNATURE	APPROVALS	ENGINEER	DATE
JAMES D. HUGHES 11674 NEW MEXICO REGISTERED PROFESSIONAL ENGINEER 1-5-00	DRC CHAIRMAN		2/9/01
	TRANSPORTATION		1-18-00
	WATER/WASTEWATER		1/18/00
	HYDROLOGY		1-18-00
	CIP		
	CONSTR. MNGMT.		
	CONSTR. COORD.		1/18/00

APPROVED FOR CONSTRUCTION

CITY ENGINEER — DATE 3/14/01

CITY PROJECT NO. 6071.82

SHEET OF 1 25

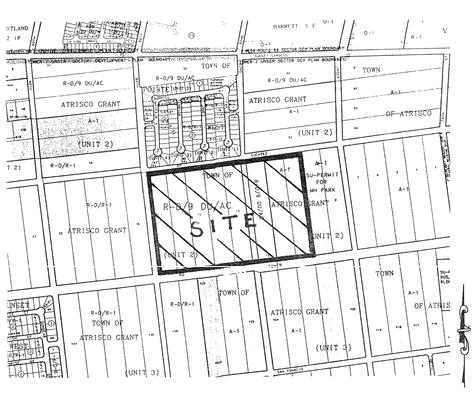
DRB-98-245

8118VIST\8118TLE\10/25

F:\DATA\DWGS\98\085\8118VIST\UNIT2\8118tle.dwg Thu Dec 30 08:29:25 1999 PLOTTED BY KJS

PLAT OF
VISTA SANDIA SUBDIVISION
UNIT TWO

WITHIN THE
"TOWN OF ATRISCO GRANT"
PROJECTED SECTION 27 & 28, T.10N., R.2E., N.M.P.M.
CITY OF ALBUQUERQUE
BERNALILLO COUNTY, NEW MEXICO
AUGUST, 1999



SCALE: 1"=750± VICINITY MAP

SUBDIVISION DATA:

CASE NO.	DRB-98-245, SV-98-62
GROSS SUBDIVISION ACREAGE	9.9921
ZONE ATLAS INDEX NO.	L-9, L-10
NO. OF EXISTING TRACTS	2
NO. OF EXISTING LOTS	0
NO. OF LOTS CREATED	63
NO. OF TRACTS CREATED	2
MILES OF FULL WIDTH STREETS CREATED	0.34 MILES
AREA DEDICATED TO CITY OF ALBUQUERQUE	0.0046 ACRES
DATE OF SURVEY	AUGUST, 1999
S.P. LOG NO.	

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 ADDITIONAL STREET RIGHTS-OF-WAY AS SHOWN HEREON TO THE CITY OF ALBUQUERQUE IN FEE SIMPLE WITH WARRANTY COVENANTS AND DO HEREBY GRANT: ALL ACCESS, 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 AND/OR OVERHEAD DISTRIBUTION LINES, AND INCLUDING THE RIGHT OF INGRESS AND EGRESS FOR CONSTRUCTION AND MAINTAINANCE, AND THE RIGHT TO TRIM INTERFERING TREES AND SHRUBS (SEE NOTE 7). SAID OWNER(S) AND/OR PROPRIETOR(S) DO HEREBY CONSENT TO ALL OF THE FOREGOING AND DO HEREBY CERTIFY THAT THIS SUBDIVISION IS THEIR FREE ACT AND DEED.

D.R. HORTON, INC.

BY: _____
MARK FERGUSON

STATE OF NEW MEXICO }
COUNTY OF BERNALILLO } ss

THIS INSTRUMENT WAS ACKNOWLEDGED BEFORE ME ON _____, 1998
BY MARK FERGUSON, OFFICER, ON BEHALF OF SAID CORPORATION.

BY: _____
NOTARY PUBLIC

MY COMMISSION EXPIRES: _____

US WEST COMMUNICATION QUITCLAIM

KNOWN ALL MEN BY THESE PRESENTS that US WEST COMMUNICATIONS, INC., a Colorado Corporation, hereinafter called ?Company?, for and in consideration of One Dollar ($1.00) and other good and valuable considerations in hand paid, the receipt whereof is hereby confessed and acknowledged, does hereby release, remise and quitclaim all the right, title and interest acquired by the Company or its assignors under that certain right-of-way grant, recorded in The Office of Bernalillo Clerk and Recorded in Book 112, Page 290 on May 17, 1930, AND a Modification of this Easement in Book Misc. 298, Page 635, filed for record February 13, 1973, AND Assignment of this Easement in Book Misc. 575, Page 928, filed for record December 19, 1977, unto the present owner or owners, as their representative interest may appear therein, in the following described property, to wit:

A tract of land situated in the Town of Atrisco Grant, Projected Sections 27 & 28, Township 10 North, Range 2 East, NMPM, City of Albuquerque, Bernalillo County, New Mexico.

It is the intent of this Quitclaim Deed to vacate any portion of the above stated documents which may be located in Tracts 12, 13, 14, 15, 16, & 17, Unit 2, Town of Atrisco Grant as recorded in Volume D, Folio 118, and recorded December 5, 1944,

and hereby expressly excepting and reserving to the Company, any and all interest otherwise acquired in said property, except as above stated.

IN WITNESS THEREOF, The Company has caused these presents to be executed by its duly authorized officer _____

US WEST COMMUNICATIONS

BY _____
MANAGER - NETWORK & TECHNOLOGY SERVICES

ACKNOWLEDGMENT

STATE OF NEW MEXICO }
COUNTY OF BERNALILLO } ss

This instrument was acknowledged before me on _____

_____
NOTARY PUBLIC MY COMMISSION EXPIRES

APPROVALS:

Subdivision Case No. _____

Traffic Engineer	Date
Design & Development, CIP	Date
City Surveyor	Date
Utility Development Division	Date
Property Management	Date
Albuquerque Metropolitan Arroyo Flood Control Authority	Date
City Engineer	Date
PNM Electric Services	Date
PNM Gas Services	Date
U S West Communications	Date
Jones Intercable	Date

APPROVAL & CONDITIONAL EXCEPTANCE as specified by the Albuquerque Subdivision Ordinance, Article XI of Chapter 7 of the Revised Ordinances of Albuquerque, N.M.

_____ _____
City Planner, Albuquerque/Bernalillo County Planning Division Date

SURVEYORS CERTIFICATE:

I, KEVIN C. DAGGETT, NEW MEXICO PROFESSIONAL SURVEYOR NO. 11000, DO HEREBY CERTIFY THAT THE PLAT SHOWN HEREON WAS PREPARED UNDER MY SUPERVISION, AND THAT THE SAME IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF. I FURTHER CERTIFY THAT THIS PLAT, AND THE SURVEY UPON WHICH IT IS BASED, MEETS, OR EXCEEDS, THE MINIMUM REQUIREMENTS FOR MONUMENTATION AND SURVEYS OF THE ALBUQUERQUE SUBDIVISION ORDINANCE AND THE MINIMUM STANDARDS AS SET FORTH FOR LAND SURVEYS IN THE STATE OF NEW MEXICO.

Kevin C. Daggett 8-2-99
KEVIN C. DAGGETT, N.M.P.L.S. 11000 DATE

KEVIN C. DAGGETT NEW MEXICO 11000 REGISTERED PROFESSIONAL SURVEYOR

© COPYRIGHT

Sheet 1 of 3

SCALE: 1" = N/A

Designed By:	Drawn By:	Checked By:
KCD	KCD/JMM	KCD
File No. 98-2E	Date: 8-2-99	

DAGGETT ENGINEERING & SURVEYING
2125 Core Dr. Charlie, N.W.
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kcd@swcp.com (E-mail)
(505) 836-2637 (Office)
(505) 228-7811 (Mobile)
(505) 831-9466 (Fax)

Map 19, 110 6071182 2 of 2 25

PLAT OF
VISTA SANDIA SUBDIVISION

WITHIN THE
"TOWN OF ATRISCO GRANT"
PROJECTED SECTION 27 & 28, T.10N., R.2E., N.M.P.M.
CITY OF ALBUQUERQUE
BERNALILLO COUNTY, NEW MEXICO
AUGUST, 1999

EUCARIZ ROAD, S.W. (60' R/W)
POINT WEST SUBDIVISION UNIT 1, TRACT "A" (03-04-96, 96C-97)
POINT WEST SUBDIVISION UNIT 1, BLOCK 2 (03-04-96, 96C-97)
TOWN OF ATRISCO GRANT UNIT 2 TRACT57 (12-05-44, D-118)
82ND ST., S.W. (60' R/W)
1691.47'
N05°57'26"W
S84°01'41"W
N05°54'40"W
VISTA ESTRELLA LANE, S.W.
VISTA CLARA LANE, S.W.
VISTA LEJOS LANE, S.W.
VISTA VOLCAN LANE, S.W.
VISTA VIVA LANE, S.W.
VISTA LUNA LANE, S.W.
VISTA CHAMISA LANE, S.W.
VISTA SERENA LANE, S.W.
VISTA TIJERAS LANE, S.W.
VISTA REAL LANE, S.W.
86TH STREET, S.W. (60' R/W)
82ND STREET, S.W. (60' R/W)
TOWER ROAD, S.W. (100' R/W)
HURON
TRACT "A"
PRIVATE STREET
UNIT 1 (89 LOTS)
UNIT 3 (89 LOTS)
UNIT 2 (48 LOTS)
UNIT 4 (63 LOTS)
TRACT "B" PUBLIC DRAINAGE EASEMENT GRANTED BY THIS PLAT. (0.8213 ACRES)
TRACT "A" PUBLIC DRAINAGE EASEMENT GRANTED BY THIS PLAT. (1.2278 ACRES)
7' P.U.E. GRANTED BY THIS PLAT
10' P.U.E. (TYP.)
46' (TYP.)
5' DRIVEWAY & SIDEWALK EASEMENT GRANTED BY THIS PLAT
0.63' WALL & SIDEWALK EASEMENT GRANTED BY THIS PLAT
9' ADDITIONAL RIGHT-OF-WAY DEDICATED BY THIS PLAT
0.3745 AC. ADDITIONAL RIGHT-OF-WAY DEDICATED WITH UNIT 1
0.0346 AC. ADDITIONAL RIGHT-OF-WAY DEDICATED WITH UNIT 4
5' ADDITIONAL RIGHT-OF-WAY DEDICATED BY THIS PLAT
3' ADDITIONAL RIGHT-OF-WAY DEDICATED BY THIS PLAT
20' PUBLIC SANITARY SEWER EASEMENT HEREBY GRANTED TO THE CITY OF ALBUQUERQUE BY THIS PLAT
EXISTING 7' PNM & MST&T EASEMENT (4-29-60, BK. D540, PG. 19)
TOWN OF ATRISCO GRANT UNIT 3 TRACT 425 (12-05-44, D-118)
TRACT 422
TRACT 423
TRACT 424
TRACT 426
TRACT 427
1067.03'
1692.33'
1067.08'

GRAPHIC SCALE
60 0 30 60 120 240
(IN FEET)
1 inch = 60 ft.

KEVIN C. DAGGETT NEW MEXICO 11000 REGISTERED PROFESSIONAL SURVEYOR
8-2-99

© COPYRIGHT

Sheet 2 of 3

SCALE: 1" = 60'

Designed By:	Drawn By:	Checked By:
KCD	KCD	KCD
File No.	Date: 08-02-99	

DAGGETT ENGINEERING & SURVEYING
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607182 Map L9, L10 3 of 25

PLAT OF
VISTA SANDIA SUBDIVISION
UNIT TWO

WITHIN THE
"TOWN OF ATRISCO GRANT"
PROJECTED SECTION 27 & 28, T.10N., R.2E., N.M.P.M.
CITY OF ALBUQUERQUE
BERNALILLO COUNTY, NEW MEXICO
AUGUST, 1999

NOTES:

1. THE PURPOSE OF THIS PLAT IS TO SUBDIVIDE 18.2391 ACRES INTO 48 SINGLE FAMILY LOTS, 2 TRACTS, GRANT PRIVATE ACCESS EASEMENTS; AND GRANT PUBLIC WATER, SANITARY SEWER, STORM DRAIN AND UTILITY EASEMENTS AS SHOWN HEREON.

2. ALL BEARINGS SHOWN HEREON ARE GRID BEARINGS BASED ON NEW MEXICO STATE PLANE COORDINATE SYSTEM, CENTRAL ZONE, MEAN DELTA ALPHA (DEGREES 16 MINUTES 27 SECONDS). ALL DISTANCES ARE GROUND DISTANCES.

3. BEARINGS AND DISTANCES SHOWN IN PARENTHESIS ARE RECORD.

4. BENCHMARK FOR THIS PLAT IS ACS CONTROL POINT 7-K9, 1989, LOCATED IN THE MEDIAN AT THE INTERSECTION OF 90TH STREET AND CENTRAL AVENUE, ELEVATION 5137.36

5. UNLESS OTHERWISE NOTED, ALL CORNERS ARE EVIDENCED BY A 5/8 REBAR WITH ALUMINUM CAP STAMPED, "P.S. 11000".

6. CENTERLINE (IN LIEU OF R/W) MONUMENTATION WILL BE INSTALLED AT ALL POINTS OF CURVATURE, POINTS OF TANGENCY, AND POINTS OF STREET INTERSECTIONS PRIOR TO THE ACCEPTANCE OF SUBDIVISION STREET IMPROVEMENTS AND WILL CONSIST OF A FOUR INCH DIAMETER ALUMINUM ALLOY CAP SET FLUSH WITH THE TOP OF ASPHALT STAMPED "CITY OF ALBUQUERQUE CENTERLINE MONUMENTATION SURVEY MARKER, DO NOT DISTURB, P.S. 11000". THE SMALL, SOLID-FILLED TRIANGLE SYMBOLS DEPICTED HEREON DENOTE CENTERLINE MONUMENTS TO BE SET.

7. PUBLIC UTILITY EASEMENTS (P.U.E.) SHOWN ON THIS PLAT ARE GRANTED FOR THE COMMON AND JOINT USE OF:

A. PNM ELECTRICAL SERVICES FOR INSTALLATION, MAINTAINANCE 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.

B. PNM GAS SERVICES FOR THE INSTALLATION, MAINTAINANCE, AND SERVICE OF NATURAL GAS LINES, VALVES AND OTHER EQUIPMENT AND FACILITIES RESONABLY NECESSARY TO PROVIDE NATURAL GAS SERVICE.

C. U S WEST FOR THE INSTALLATION, MAINTAINANCE AND SERVICE OF ALL BURIED COMMUNICATION LINES AND RELATED EQUIPMENT AND FACILITIES REASONABLY NECESSARY TO PROVIDE COMMUNICATION SERVICES, INCLUDING BUT NOT LIMITED TO ABOVE GROUND PEDESTALS AND CLOSURES.

D. JONES INTERCABLE FOR THE INSTALLATION, MAINTAINANCE AND SERVICE OF SUCH UNDER GROUND LINES, CABLE AND OTHER RELATED EQUIPMENT AND FACILITIES REASONABLY NECESSARY TO PROVIDE CABLE TV SERVICE.

E. CITY OF ALBUQUERQUE WATER AND SEWER DEPARTMENT FOR THE INSTALLATION, MAINTAINANCE AND SERVICE OF SUCH UNDERGROUND WATER AND SANITARY SEWER LINES ACROSS THE EASEMENT AND OTHER RELATED EQUIPMENT OR FACILITIES REASONABLY NECESSARY TO PROVIDE SERVICE.

INCLUDED IS THE RIGHT TO BUILD, REBUILD, CONSTRUCT, RECONSTRUCT, LOCATE, RELOCATE, CHANGE, REMOVE, MODIFY, RENEW, OPERATE, AND MAINTAIN FACILITIES FOR THE PURPOSES DESCRIBED ABOVE, TOGETHER WITH THE FREE ACCESS TO, FROM, AND OVER SAID EASEMENTS, INCLUDING SUFFICIENT WORKING AREA SPACE FOR ELECTRIC TRANSFORMERS, WITH THE RIGHT AND PRIVILEDGE TO TRIM AND REMOVE TREES, SHRUBS OR BUSHES WHICH INTERFERE WITH THE PURPOSES SET FORTH HEREIN. NO BUILDING, SIGN, POOL (ABOVE GROUND OR SUBSURFACE), HOT TUB, CONCRETE OR WOOD POOL DECKING, OR OTHER STRUCTURE SHALL BE ERECTED OR CONSTRUCTED ON SAID EASEMENTS, NOR SHALL ANY WELL BE DRILLED OR OPERATED THEREON. PROPERTY OWNERS SHALL BE SOLELY RESPONSIBLE FOR CORRECTING ANY VIOLATIONS OF NATIONAL ELECTRIC SAFETY CODE CAUSED BY THE CONSTRUCTION OF POOLS, DECKING, OR ANY STRUCTURES ADJACENT TO, OR NEAR EASEMENTS SHOWN ON THIS PLAT

8. SPECIFICALLY THE PARKING DENSITY CATEGORY OF INTERMITTENT PARKING IS MET FOR EACH LOT BY PROVIDING: THREE PARKING SPACES FOR UP TO TWO BEDROOMS, OR FOUR PARKING SPACES FOR THREE TO FOUR BEDROOMS, OR FIVE PARKING SPACES FOR FIVE OR MORE BEDROOMS.

9. BUILDING SETBACKS FOR ALL LOTS ARE COMPLIANT WITH RD-9 ZONING REQUIREMENTS.

10. TRACT "A" IS DEDICATED IN FEE SIMPLE TO THE VISTA SANDIA HOMEOWNERS ASSOCIATION AS A COMMON AREA FOR PRIVATE STREET BY THIS PLAT. A PRIVATE ACCESS AND PRIVATE DRAINAGE EASEMENT IS GRANTED TO EACH LOT OWNER ACROSS THIS TRACT BY THIS PLAT. A PUBLIC WATER, SANITARY SEWER AND STORM DRAIN EASEMENT IS GRANTED WITHIN TRACT "A" TO THE CITY OF ALBUQUERQUE BY THIS PLAT. MAINTAINANCE AND OPERATION OF THE PRIVATE STREETS SHALL BE THE RESPONSIBILITY OF THE VISTA SANDIA HOA. WATER, SANITARY SEWER AND STORM DRAIN SYSTEMS SHALL BE MAINTAINED AND OPERATED BY THE CITY OF ALBUQUERQUE. A P.U.E. IS ALSO GRANTED ACROSS THIS TRACT TO U.S. WEST COMMUNICATIONS, JONES INTERCABLE, PNM GAS SERVICES, AND PNM ELECTRIC.

11. A 10' PRIVATE DRAINAGE EASEMENT IS CENTERED ON ALL COMMON SIDE LOT LINES.

12. RD-9 OPEN SPACE REQUIREMENTS:

*PERMITTED BUILDING AREA (Sq. Ft.)	MINIMUM LOT AREA (Sq. Ft.)
>2211	>4611
>2042	>4442
>1903	>4303
>1810	>4210
>1690	>4090
>1553	>3953

*INCLUDES BUILDING AND DRIVE PAD.

LEGAL DESCRIPTION:

A TRACT OF LAND SITUATE WITHIN THE TOWN OF ATRISCO GRANT, PROJECTED SECTION 27 & 28, TOWNSHIP 10 NORTH, RANGE 2 EAST, NEW MEXICO PRINCIPAL MERIDIAN, CITY OF ALBUQUERQUE, BERNALILLO COUNTY, NEW MEXICO BEING ALL OF TRACTS 10 THRU 17, TOWN OF ATRISCO GRANT, UNIT 2 AS THE SAME IS SHOWN AND DESIGNATED ON SAID PLAT FILED FOR RECORD IN THE OFFICE OF THE COUNTY CLERK OF BERNALILLO COUNTY, NEW MEXICO ON DECEMBER 5, 1944 IN VOLUME D, FOLIO 118, TOGETHER WITH VACATED 82ND STREET S.W. (SV-98-62) AND BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

BEGINNING AT THE SOUTHWEST CORNER OF THE TRACT HEREIN DESCRIBED, SAID POINT BEING THE INTERSECTION OF THE NORTHERLY RIGHT-OF-WAY LINE OF TOWER ROAD S.W. AND THE EASTERLY RIGHT-OF-WAY LINE 86TH STREET S.W., FROM WHENCE THE ALBUQUERQUE CONTROL SURVEY MONUMENT "8-L9" BEARS N 89 27'29" E, 205.89 FEET;

THENCE, CONTINUING FROM SAID POINT OF BEGINNIG, LEAVING SAID NORTHERLY RIGHT-OF-WAY LINE ALONG SAID EASTERLY RIGHT-OF-WAY LINE N 05 54'40" W, 1067.08 FEET TO THE NORTHWEST CORNER, SAID POINT BEING THE INTERSECTION OF SAID EASTERLY RIGHT-OF-WAY LINE AND THE SOUTHERLY RIGHT-OF-WAY LINE OF EUCARIZ AVENUE S.W.;

THENCE LEAVING SAID EASTERLY RIGHT-OF-WAY LINE ALONG SAID SOUTHERLY RIGHT-OF-WAY LINE N 84 01'41" E, 1691.47 FEET TO THE NORTHEAST CORNER, SAID POINT BEING THE NORTHWEST CORNER OF TRACT 9, TOWN OF ATRISCO GRANT, UNIT 2 AS THE SAME IS SHOWN AND DESIGNATED ON SAID PLAT FILED FOR RECORD IN THE OFFICE OF THE COUNTY CLERK OF BERNALILLO COUNTY, NEW MEXICO ON DFCEMBER 5, 1944 IN VOLUME D, FOLIO 118;

THENCE LEAVING SAID SOUTHERLY RIGHT-OF-WAY LINE S 05 57'26" E, 1067.03 FEET ALONG THE WESTERLY LINE OF SAID TRACT 9 TO THE SOUTHEAST CORNER, SAID POINT LYING ON THE NORTHERLY RIGHT-OF-WAY LINE OF TOWER ROAD, S.W. AND BEING THE SOUTHWEST CORNER OF SAID TRACT 9;

THENCE CONTINUING ALONG SAID NORTHERLY RIGHT-OF-WAY LINE S 84 01'35" W, 1692.33 FEET TO THE POINT AND PLACE OF BEGINNING, CONTAINING 41.4452 ACRES MORE OR LESS.

CURVE TABLE

CURVE	ARC	DELTA	RADIUS	CH. LENGTH	CH. BEARING
C1	47.12	89°59'54"	30.00	42.43	N39°01'38"E
C2	47.12	90°00'06"	30.00	42.43	S50°58'22"E
C3	39.27	90°00'00"	25.00	35.36	S39°01'41"W
C4	39.27	90°00'00"	25.00	35.36	N50°58'19"W
C5	31.42	90°00'00"	20.00	28.28	N39°01'41"E
C6	31.42	90°00'00"	20.00	28.28	S50°58'19"E
C7	31.42	90°00'00"	20.00	28.28	S50°58'19"E
C8	31.42	90°00'00"	20.00	28.28	N39°01'41"E
C9	26.17	15°18'05"	98.00	26.09	S88°19'16"E
C10	7.95	22°46'47"	20.00	7.90	S87°56'23"W
C11	8.56	24°31'08"	20.00	8.49	S64°17'25"W
C12	29.50	42°15'44"	40.00	28.84	N73°09'43"E
C13	24.93	35°42'37"	40.00	24.53	S67°51'06"E
C14	23.63	33°50'52"	40.00	23.29	S33°04'22"E
C15	29.44	42°10'26"	40.00	28.78	S04°56'17"W
C16	12.31	35°15'52"	20.00	12.12	N08°23'35"E
C17	26.17	15°18'05"	98.00	26.09	S13°37'22"E
C18	74.66	82°15'49"	52.00	68.41	S47°06'14"E
C19	7.02	07°44'11"	52.00	7.02	N87°53'46"E
C20	58.90	45°00'00"	75.00	57.40	S73°28'19"E
C21	58.90	45°00'00"	75.00	57.40	S28°28'19"E
C22	31.42	90°00'00"	20.00	28.28	S50°58'19"E
C23	31.42	90°00'00"	20.00	28.28	S39°01'41"W
C24	39.27	90°00'00"	25.00	35.36	N50°58'19"W
C25	39.24	89°56'21"	25.00	35.34	S39°03'30"W
C26	39.30	90°03'39"	25.00	35.37	S50°56'30"E
C27	39.27	90°00'00"	25.00	35.36	N39°01'41"E
C28	31.42	90°00'00"	20.00	28.28	S39°01'41"W
C29	31.42	90°00'00"	20.00	28.28	S50°58'19"E
C30	26.17	15°18'05"	98.00	26.09	S01°40'44"W
C31	16.51	47°17'55"	20.00	16.05	N14°19'11"W
C32	68.92	98°43'31"	40.00	60.71	S11°23'37"W
C33	31.20	44°41'34"	40.00	30.42	S83°06'09"W
C34	74.66	82°15'49"	52.00	68.41	S35°09'36"W
C35	58.90	45°00'00"	75.00	57.40	S16°31'41"W
C36	58.90	45°00'00"	75.00	57.40	S61°31'41"W
C37	7.38	10°34'35"	40.00	7.37	N69°15'47"W
C38	16.51	47°17'55"	20.00	16.05	S87°37'27"E
C39	17.84	10°25'44"	98.00	17.81	S73°56'28"W
C40	8.33	04°52'21"	98.00	8.33	S81°35'31"W
C41	38.05	87°12'31"	25.00	34.48	S40°25'25"W
C42	29.12	02°43'50"	611.00	29.12	S04°32'45"E
C43	31.42	90°00'00"	20.00	28.28	N50°58'19"W
C44	31.42	90°00'00"	20.00	28.28	S39°01'41"W
C45	39.27	90°00'00"	25.00	35.36	N39°01'41"E
C46	39.27	90°00'00"	25.00	35.36	N50°58'19"W
C47	39.27	90°00'00"	25.00	35.36	S39°01'41"W
C48	39.27	90°00'00"	25.00	35.36	S50°58'19"E
C49	5.68	03°19'13"	98.00	5.68	S85°41'18"W
C50	20.49	11°58'52"	98.00	20.46	N86°39'40"W
C51	16.51	47°17'55"	20.00	16.05	N75°40'49"E
C52	4.50	06°26'24"	40.00	4.49	S55°15'03"W
C53	32.53	46°35'34"	40.00	31.64	S81°46'02"W
C54	25.06	35°54'00"	40.00	24.65	N56°59'11"W
C55	27.73	39°42'59"	40.00	27.18	N19°10'41"W
C56	17.69	25°20'42"	40.00	17.55	N13°21'09"E
C57	16.51	47°17'55"	20.00	16.05	S02°22'33"W
C58	7.76	04°32'23"	98.00	7.76	N19°00'13"W
C59	18.41	10°45'42"	98.00	18.38	N11°21'10"W
C60	58.90	45°00'00"	75.00	57.40	N28°28'19"W
C61	74.66	82°15'49"	52.00	68.41	N47°06'14"W
C62	7.02	07°44'11"	52.00	7.02	S87°53'46"W
C63	58.90	45°00'00"	75.00	57.40	N73°28'19"W
C64	31.42	90°00'00"	20.00	28.28	N50°58'19"W
C65	31.42	90°00'00"	20.00	28.28	S39°01'41"W
C66	31.42	90°00'00"	20.00	28.28	N39°01'41"E
C67	31.42	90°00'00"	20.00	28.28	N50°58'19"W
C68	31.42	90°00'00"	20.00	28.28	S50°58'19"E
C69	31.42	90°00'00"	20.00	28.28	S39°01'41"W
C70	31.42	90°00'00"	20.00	28.28	N39°01'41"E
C71	31.42	90°00'00"	20.00	28.28	N50°58'19"W
C72	31.42	90°00'00"	20.00	28.28	S50°58'19"E
C73	31.42	90°00'00"	20.00	28.28	S39°01'41"W
C74	74.66	82°15'49"	52.00	68.41	N35°09'36"E
C75	7.02	07°44'11"	52.00	7.02	N80°09'36"E
C76	58.90	45°00'00"	75.00	57.40	N16°31'41"E
C77	58.90	45°00'00"	75.00	57.40	N61°31'41"E
C78	26.17	15°18'05"	98.00	26.09	N01°40'44"E
C79	16.51	47°17'55"	20.00	16.05	S14°19'11"E
C80	107.51	153°59'39"	40.00	77.95	N39°01'41"E
C81	16.51	47°17'55"	20.00	16.05	N87°37'27"W
C82	26.17	15°18'05"	98.00	26.09	N76°22'38"E
C83	22.22	50°55'57"	25.00	21.50	S70°30'26"E
C84	17.07	39°07'48"	25.00	16.74	S25°28'34"E
C85	31.42	90°00'00"	20.00	28.28	N39°01'41"E
C86	31.42	90°00'00"	20.00	28.28	N50°58'19"W
C87	7.02	07°44'11"	52.00	7.02	S80°09'36"W
C88	31.42	90°00'00"	20.00	28.28	N39°01'41"E
C89	31.42	90°00'00"	20.00	28.28	N50°58'19"W
C90	4.20	12°02'03"	20.00	4.19	N15°15'23"W

LINE TABLE

LINE	LENGTH	BEARING
L1	15.12	N84°01'35"E
L2	15.00	N84°01'35"E
L3	20.00	N84°01'41"E
L4	20.12	N84°01'41"E
L5	25.00	N84°01'41"E
L6	25.00	N84°01'41"E
L7	6.26	N84°01'41"E
L8	10.00	N05°58'19"W
L9	14.00	S39°01'41"W
L10	25.00	N84°01'41"E
L11	25.00	N84°01'41"E
L12	25.00	N05°58'19"W
L13	25.03	S05°54'40"E
L14	24.97	N05°54'40"W
L15	25.00	N05°58'19"W
L16	25.00	N84°01'41"E
L17	25.00	N84°01'41"E
L18	14.00	S50°58'19"E
L19	17.63	N03°10'50"W
L20	25.00	N84°01'41"E
L21	20.00	N84°01'41"E
L22	20.00	N84°01'41"E
L23	6.32	N84°01'41"E
L24	14.00	N39°01'41"E
L25	25.00	N84°01'41"E
L26	25.00	N84°01'41"E
L27	25.00	N84°01'41"E
L28	25.00	N84°01'41"E
L29	25.00	N84°01'41"E
L30	25.00	N84°01'41"E
L31	25.00	N84°01'41"E
L32	25.00	N84°01'41"E
L33	14.00	S50°58'19"E
L34	2.00	N05°58'19"W
L35	21.70	N05°58'19"W
L36	25.00	N84°01'41"E
L37	25.00	N84°01'41"E
L38	25.00	N84°01'41"E

KEVIN C. DAGGETT
NEW MEXICO
11000
REGISTERED PROFESSIONAL SURVEYOR
8-2-99

© COPYRIGHT

SCALE: 1" = N/A

Designed By:	Drawn By:	Checked By:
KCD	KCD	KCD
File No.	Date:	
	08-02-99	

DAGGETT ENGINEERING & SURVEYING
2125 Corte De Chamisa, N.W.
Albuquerque, N.M. 87120
kcd@swcp.com (E-mail)
(505) 341-4640 (Office)
(505) 228-7821 (Mobile)
(505) 341-4642 (Fax)

607182 Map L9,L10 4 of 25

SEQUENCE OF CONSTRUCTION:

ULTIMATE DEVELOPED CONDITION

THIS SITE WILL HAVE FREE DISCHARGE TO THE AMOLE DEL NORTE CHANNEL VIA STORM SEWER ORIGINATING ON-SITE AND RUNNING IN TOWER RD TO THE AMOLE CHANNEL. ALL UPSTREAM OFFSITE DRAINAGE WEST OF AND INCLUDING 86TH STREET WILL BE DIVERTED AROUND THIS SITE BY THE STORM SEWERS IN 86TH STREET AND TOWER RD. THAT STORM SEWER DIVERTS THE UPSTREAM OFFSITE DRAINAGE INTO THE TOWER/PARK POND SOUTH OF THIS PROJECT, TO BE CONSTRUCTED SEPARATELY AS PART OF SAD-222. SURFACE DRAINAGE IN TOWER RD BELOW THE PARK/POND WILL MEET THE ARTERIAL STREET DRAINAGE CRITERIA (LIMITED 100YR SPREAD OF WATER) WITHOUT STORM SEWER ALONG ENTIRE FRONTAGE OF THIS PROJECT. ALL ONSITE DRAINAGE AND THAT IN EUCARIZ AVENUE WILL FLOW TO THE SOUTHEAST CORNER OF THIS PROJECT VIA A COMBINATION OF SURFACE DRAINAGE AND STORM SEWER IN ACCORDANCE WITH THE DRAINAGE CRITERIA OF THE CITY OF ALBUQUERQUE.

UNIT 1

ALL OF THE SITE CURRENTLY WITHIN THE CITY LIMITS WILL BE GRADED WITH THE FIRST UNIT. THE FUTURE DEVELOPMENT SHOWN HEREON IS FOR INFORMATION ONLY AND WILL BE GRADED ONLY AS NECESSARY TO BALANCE EARTHWORK. WITH UNIT 1, NEITHER THE UPSTREAM (86TH STREET) NOR THE DOWNSTREAM (TOWER RD) STORM SEWER AND APPURTENANCES WILL BE CONSTRUCTED THEREFORE TEMPORARY PONDS WILL BE BUILT AND MAINTAINED BY THE DEVELOPER. ONE AT THE NORTHWEST CORNER TO TEMPORARILY INTERCEPT THE UPSTREAM OFF-SITE DRAINAGE AND ONE IN THE EXTREME SOUTHEAST CORNER TO TEMPORARILY RECEIVE THE DEVELOPED FLOWS FROM ON-SITE AND EUCARIZ. ADDITIONALLY THREE SMALL PONDS WILL TEMPORARILY RETAIN FLOWS FROM THE CUL-DE-SACS ON THE EAST SIDE OF THIS SITE.

UNIT 2

UNIT 2 WILL CONSTRUCT THE ONSITE STORM SEWER FROM VISTA VIVA STREET TO THE TEMPORARY POND IN THE SOUTHEAST CORNER OF THIS SITE. A FLOODWALL MAY BE CONSTRUCTED ALONG THE TOWER RD FRONTAGE IF SAD-222 HAS NOT DIVERTED THE TOWER RD FLOODPLAIN INTO THE PARK/POND. A TEMPORARY DIVERSION BERM WILL BE BUILT ALONG THE UNIT 3 FRONTAGE OF TOWER RD TO PREVENT FLANKING OF THE FLOODWALL.

UNIT 3

UNIT 3 WILL COMPLETE THE ONSITE STORM SEWER AND THE FLOODWALL ALONG TOWER RD IF SAD-222 IS STILL NOT CONSTRUCTED.

PONDS

REMOVAL OF THE NORTHWEST POND MAY OCCUR AFTER THE 86TH STREET STORM SEWER IS FUNCTIONAL AND ACCEPTED BY THE CITY FOR MAINTENANCE. REMOVAL OF THE THREE SMALL PONDS ON THE EAST END OF VISTA ESTRELLA, VISTA VOLCAN AND VISTA TUERAS WILL OCCUR WHEN THOSE STREETS ARE EXTENDED EAST AS SHOWN IN THE FUTURE PORTION OF THE PLAN ON THIS SHEET. THE POND AT THE SOUTHEAST CORNER OF THE SITE IS SIZED FOR ALL ONSITE AREA AND EUCARIZ AVENUE INCLUDING THE FUTURE DEVELOPMENT SHOWN HERE ON. IT MAY BE REMOVED AFTER THE OUTFALL STORM SEWER IN TOWER RD IS CONSTRUCTED. ALL TEMPORARY PONDS WILL BE MAINTAINED BY THE DEVELOPER.

NOTES

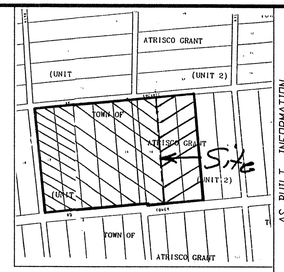
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5. THE EARTHWORK CONTRACTOR SHALL STOCKPILE ENOUGH MATERIAL ADJACENT TO RETAINING WALL LOCATIONS TO BE UTILIZED FOR WALL BACKFILL.
6. ALL STREET ELEVATIONS SHOWN ARE FINISHED FLOWLINE ELEVATIONS.
7. TOPOGRAPHY IS BASED ON SURVEY BY DAGGETT ENGINEERING, AND SURVEYING, MAY 1998.

N

60' 30' 0 60' 120'

SCALE: 1" = 60'

NOTE: A TEMPORARY RETENTION POND TO BE REMOVED WHEN EUCARIZ AVENUE IS PAVED TO UNSER BLVD. BY OTHERS.



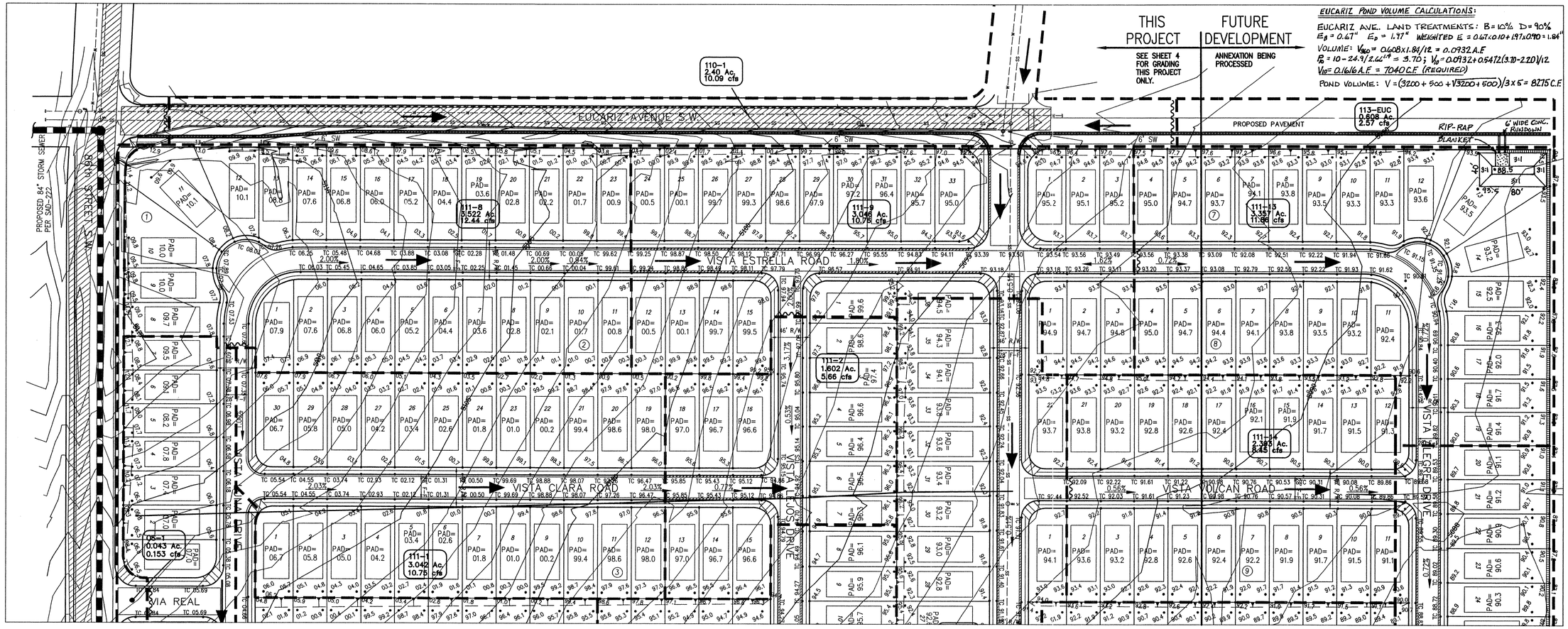
VICINITY MAP ZONE MAP: L-9,10-Z

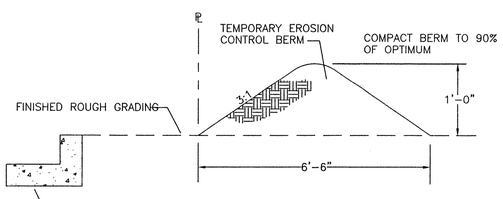
LEGAL DESCRIPTION

TRACTS 12 - 17 TOWN OF ATRISCO, UTIT 2.

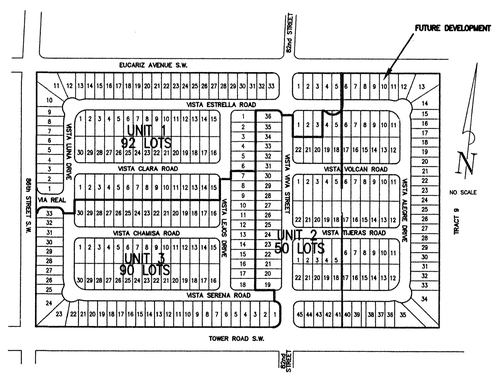
EUCARIZ POND VOLUME CALCULATIONS:

EUCARIZ AVE. LAND TREATMENTS: B=10% D=90%
$E_B = 0.67''$ $E_D = 1.17''$ WEIGHTED $E = 0.67\times.10 + 1.97\times.090 = 1.84''$
VOLUME: $V_{360} = 0.608\times1.84/12 = 0.0932$ A.F
$P_6 = 10 - 24.9/2.64^{1.4} = 3.70$; $V_6 = 0.0932 + 0.5472(3.70 - 2.20)/12$
$V_{10} = 0.1646$ A.F. = 7040 C.F. (REQUIRED)
POND VOLUME: $V = (3200 + 500 + \sqrt{3200\times500})/3\times5 = 8275$ C.F.





EROSION CONTROL BERM DETAIL
N.T.S.



UNIT BOUNDARY KEY MAP

LEGEND

TC 00.00	TOP OF CURB ELEVATION
00.0	PROPOSED SPOT ELEVATION
PAD=99.5	FINISHED PAD ELEVATION
	PROPOSED STANDARD CURB & GUTTER
	PROPOSED MOUNTABLE CURB & GUTTER
	PROPOSED DRAINAGE BASIN
OE	EXISTING OVERHEAD ELECTRIC
SS	EXISTING SANITARY SEWER
W	EXISTING WATERLINE
	SD BY SAD-222
	WATER BLOCK
	EXISTING PAVEMENT
111-14 2.393 Ac. 8.45 cfs	DRAINAGE BASIN DATA
	DRAINAGE BASIN FLOW ARROW
	PROPOSED RETAINING WALL
	PROPOSED STORM DRAIN & MANHOLE
	PROPOSED STORM DRAIN INLET
5135	EXISTING CONTOUR
TC= FL=	EXISTING TOP OF CURB EXISTING FLOWLINE
x 00.00	EXISTING SPOT ELEVATION
	EXISTING CURB AND GUTTER
	EXISTING SANITARY SEWER MANHOLE
	EXISTING WATER VALVE
	EXISTING POWER POLE
	EXISTING TELEPHONE PEDESTAL
	EXISTING FIRE HYDRANT
	EXISTING STORM SEWER MANHOLE
	EXISTING DROP INLET
	SLOPE INDICATOR
	TOE OF SLOPE
	EX MOUNTABLE CURB & GUTTER
	EX STANDARD 8" CURB & GUTTER
0.56%	STREET SLOPE ARROW
	DRAINAGE BASIN BOUNDARY

APPROVED FOR ROUGH GRADING ± 1 FT.

CITY HYDROLOGY DATE

DAGGETT ENGINEERING & SURVEYING
2125 CORTE DE CHAMISA NW
ALBUQUERQUE, NM 87120
(505) 836-2657

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE: VISTA SANDIA SUBDIVISION
GRADING PLAN

Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.
Approved @ DRB				

City Project No. 607182 | Zone Map No. L9-L10 | Sheet 5 Of 25

SURVEY INFORMATION
FIELD NOTES BY DATE

BENCH MARKS
STATION IS A STANDARD C.O.A. BRASS CAP SET IN CONC. 0.3' ABOVE GROUND AND STAMPED '7-K9'. TO REACH VICINITY OF STATION FROM INTERSECTION OF I-40 & UNSER BLVD., TRAVEL SOUTH ON UNSER BLVD. 1.3 MILES TO CENTRAL AVE., THEN WEST ON CENTRAL AVE. 0.58 MILES TO STATION ON THE MEDIAN OF CENTRAL AVE. ±HE STATION IS 530' EAST OF THE CENTERLINE OF 90TH ST.
X = 355815.77 Y = 1482842.09 Z = 5137.36

AS BUILT INFORMATION
CONTRACTOR HYDRO SYSTEMS DATE
WORK STAKED BY AUS DATE 5/20
ACCEPTANCE BY Pat Baca DATE
FIELD REVISION BY AUS & R. Garcia DATE 1/20
DRAWINGS CORRECTED BY AUS DATE
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

ENGINEER'S SEAL
KEVIN C. DAGGETT NEW MEXICO 14651 REGISTERED PROFESSIONAL ENGINEER
4/14/98 Revision 4/14/99 KCD

No.	Date	Remarks	BY
		Revisions	
		Design	
Designed By	Date 9-98	K.C.D.	
Drawn By	Date 9-98	K.C.D.	
Checked By	Date 9-98	K.C.D.	

FOR INFORMATION ONLY

NOTES

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7. TOPOGRAPHY IS BASED ON SURVEY BY DAGGETT ENGINEERING, AND SURVEYING, MAY 1998.

N

60' 30' 0 60' 120'

SCALE: 1" = 60'

THIS PROJECT — SEE SHEET 4 FOR GRADING THIS PROJECT ONLY.

FUTURE DEVELOPMENT — ANNEXATION BEING PROCESSED



LEGEND

TC 00.00	TOP OF CURB ELEVATION
00.0	PROPOSED SPOT ELEVATION
PAD=99.5	FINISHED PAD ELEVATION
	PROPOSED STANDARD CURB & GUTTER
	PROPOSED MOUNTABLE CURB & GUTTER
	PROPOSED DRAINAGE BASIN
OE	EXISTING OVERHEAD ELECTRIC
SS	EXISTING SANITARY SEWER
W	EXISTING WATERLINE
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	WATER BLOCK
	EXISTING PAVEMENT
111-14 2.393 Ac. 8.45 cfs	DRAINAGE BASIN DATA
	DRAINAGE BASIN FLOW ARROW
	PROPOSED RETAINING WALL
	PROPOSED STORM DRAIN & MANHOLE
②	PROPOSED STORM DRAIN INLET & NUMBER
5135	EXISTING CONTOUR
TC= FL=	EXISTING TOP OF CURB EXISTING FLOWLINE
x 00.00	EXISTING SPOT ELEVATION
	EXISTING CURB AND GUTTER
	EXISTING SANITARY SEWER MANHOLE
	EXISTING WATER VALVE
	EXISTING POWER POLE
	EXISTING TELEPHONE PEDESTAL
	EXISTING FIRE HYDRANT
	EXISTING STORM SEWER MANHOLE
	EXISTING DROP INLET
	SLOPE INDICATOR
	TOE OF SLOPE
	EX MOUNTABLE CURB & GUTTER
	EX STANDARD 8" CURB & GUTTER
0.56%	STREET SLOPE ARROW
	DRAINAGE BASIN BOUNDARY

APPROVED FOR ROUGH GRADING ± 1 FT.

CITY HYDROLOGY _____ DATE _____

DAGGETT ENGINEERING & SURVEYING
2125 CORTE DE CHAMISA NW
ALBUQUERQUE, NM 87120
(505) 836-2657

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE: VISTA SANDIA SUBDIVISION GRADING PLAN

Design Review Committee: APPROVED @ DRB

City Engineer Approval

Last Design Update: Mo./Day/Yr.

City Project No. 6071.82

Zone Map No. L9-L10

Sheet 6 X Of 25 X

FOR INFORMATION ONLY

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE

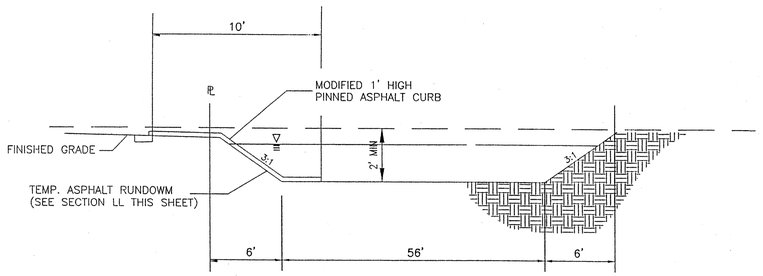
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IS 530' EAST OF THE CENTERLINE OF 90TH ST.
X = 355815.77 Y = 1482842.09 Z = 5137.36

AS BUILT INFORMATION
CONTRACTOR: AVONO SYSTEMS — DATE 00
STAKED BY: ALS — DATE 2/00
INSPECTORS NOTATIONS BY: R. Baca — DATE 4/00
FIELD VERIFICATION BY: ALS/R.Garcia — DATE 4/00
CORRECTED BY: ALS — DATE 4/00
MICRO-FILM INFORMATION
RECORDED BY — DATE
NO.

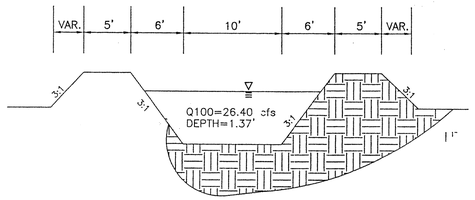
ENGINEER'S SEAL
KEVIN C. DAGGETT NEW MEXICO 13551 REGISTERED PROFESSIONAL ENGINEER
10/1/98

No.	Date	Remarks	By
		Revisions	
		Design	

Designed By K.C.D. Date 9-98
Drawn By K.C.D. Date 9-98
Checked By K.C.D. Date 9-98

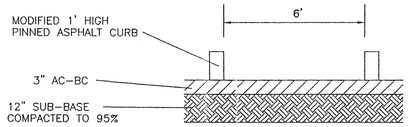


SECTION MM



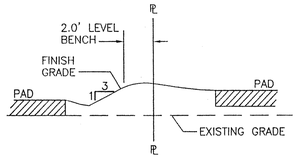
SECTION EE

N.T.S.



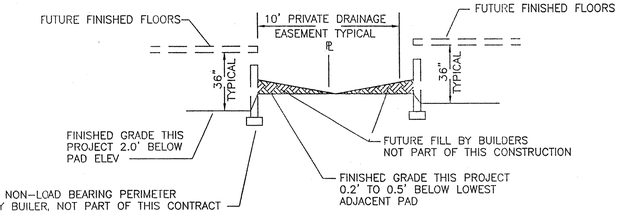
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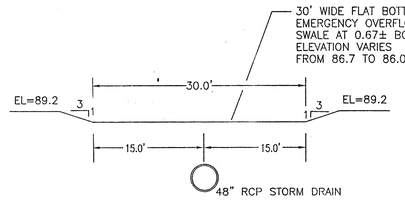
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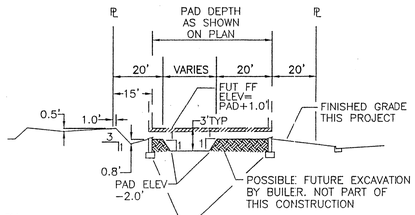
SECTION XX

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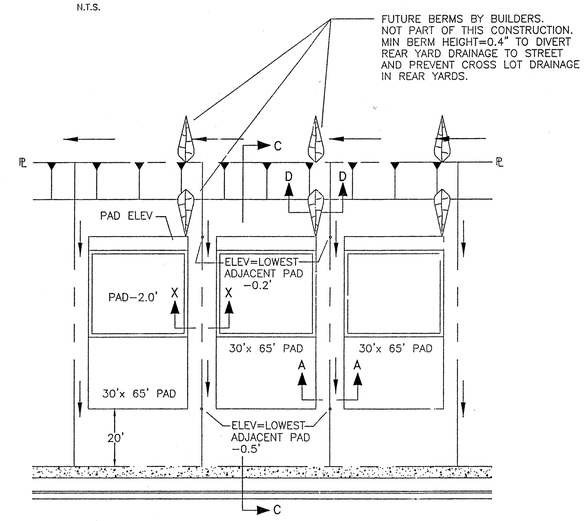
SECTION II

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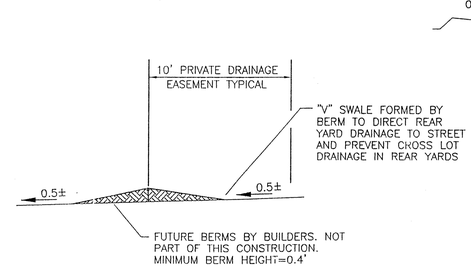
SECTION CC

N.T.S.



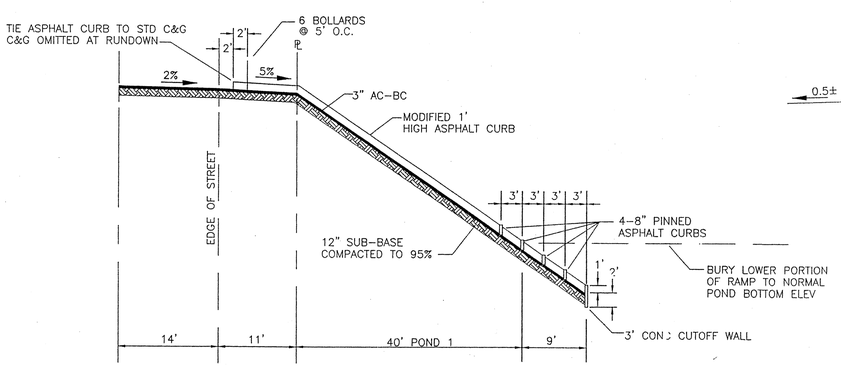
TYPICAL LOT LAYOUT

N.T.S.



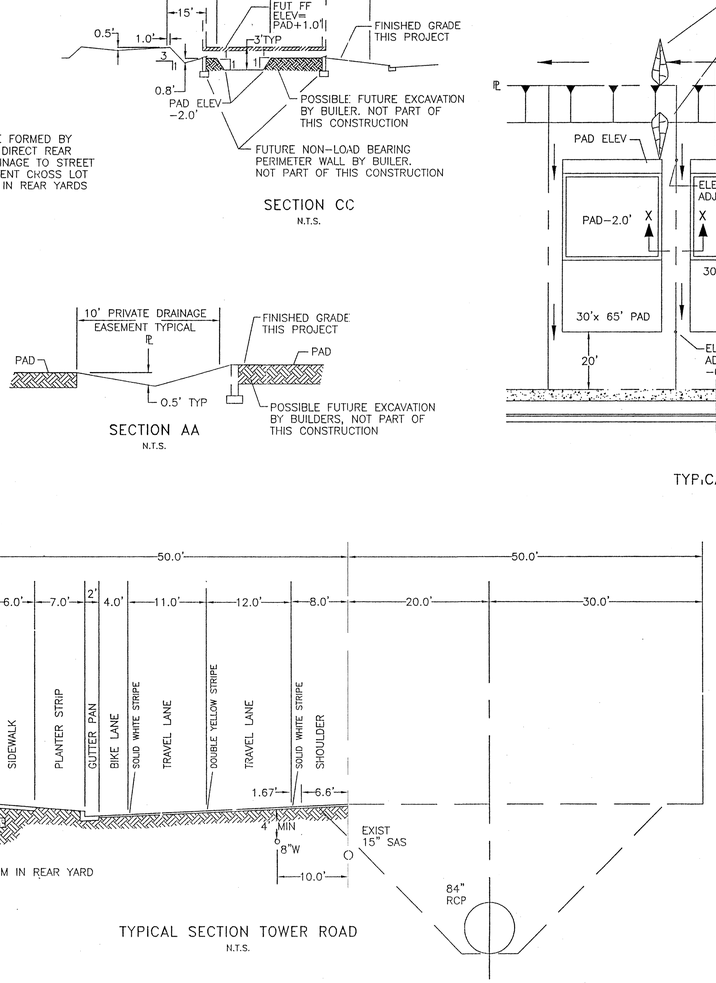
SECTION DD

N.T.S.



SECTION GG

N.T.S.

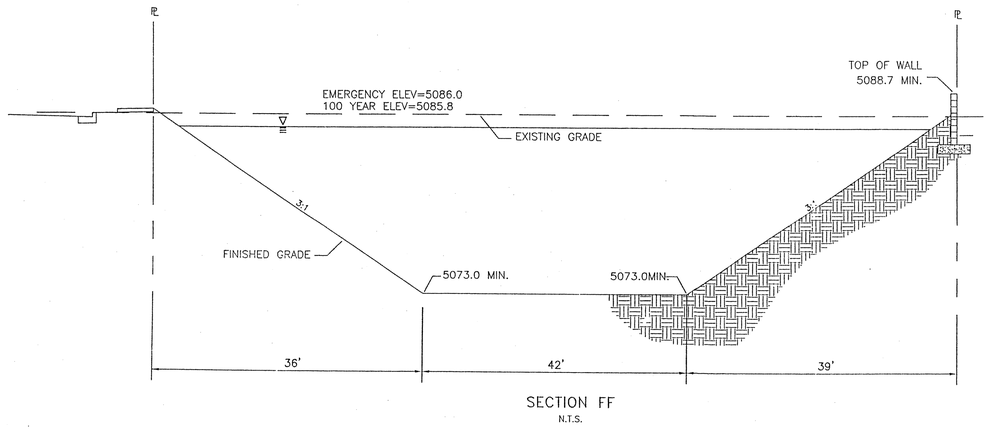


TYPICAL SECTION TOWER ROAD

N.T.S.

SECTION AA

N.T.S.



SECTION FF

N.T.S.

AS BUILT INFORMATION

CONTRACTOR HYDRO SYSTEMS DATE 00

WORK STAKED BY AVS DATE 3/98

INSPECTOR'S ACCEPTANCE BY R. Baca DATE 3/98

FIELD VERIFICATION BY AVS R. Garcia DATE 10/00

CORRECTED BY AVS DATE 10/00

MICRO-FILM INFORMATION

RECORDED BY DATE

NO.

BENCH MARKS

STATION IS A STANDARD C.O.A. BRASS CAP SET IN CONC.

0.3' ABOVE GROUND AND STAMPED "7-K9". TO REACH

VICINITY OF STATION FROM INTERSECTION OF I-40 & UNSER

BLVD. TRAVEL SOUTH ON UNSER BLVD. 1.3 MILES TO

CENTRAL AVE., THEN WEST ON CENTRAL AVE. 0.58 MILES TO

STATION ON THE MEDIAN OF CENTRAL AVE. +HE STATION

IS 530' EAST OF THE CENTERLINE OF 90TH ST.

X = 355815.77 Y = 1482842.09 Z = 5137.36

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL

KEVIN C. DAGGETT NEW MEXICO (13651) REGISTERED PROFESSIONAL ENGINEER 9/1/98

No.	Date	Remarks	BY
		Revisions	
		Design	
Designed By		K.C.D.	Date 9-98
Drawn By		K.C.D.	Date 9-98
Checked By		K.C.D.	Date 9-98

APPROVED FOR ROUGH GRADING ± 1 FT.

CITY HYDROLOGY DATE

DAGGETT ENGINEERING & SURVEYING
2125 CORTE DE CHAMISA NW
ALBUQUERQUE, NM 87120
(505) 836-2657

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE: VISTA SANDIA SUBDIVISION
GRADING AND DRAINAGE DETAILS

Design Review Committee: APR 27 1999 DRB 27 999 DESIGN REVIEW COMMITTEE

City Engineer Approval

Last Design Update: No./Dev/Yr. | No./Dev/Yr.

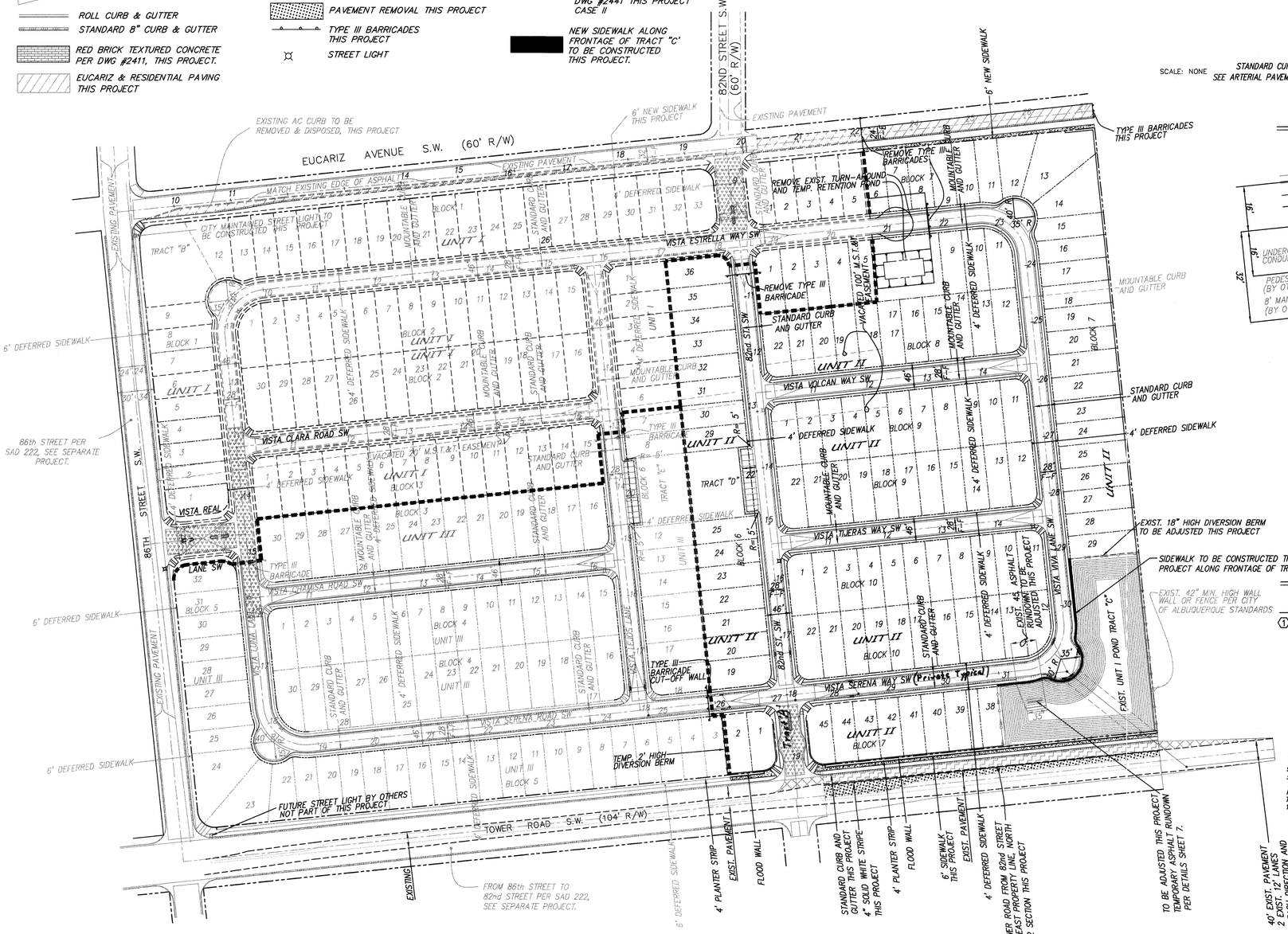
City Project No. 6071.82

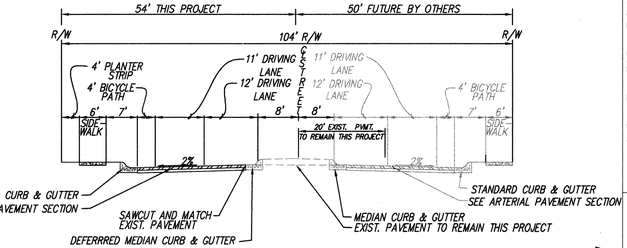
Zone Map No. L9-L10

Sheet 7 Of 25

LEGEND

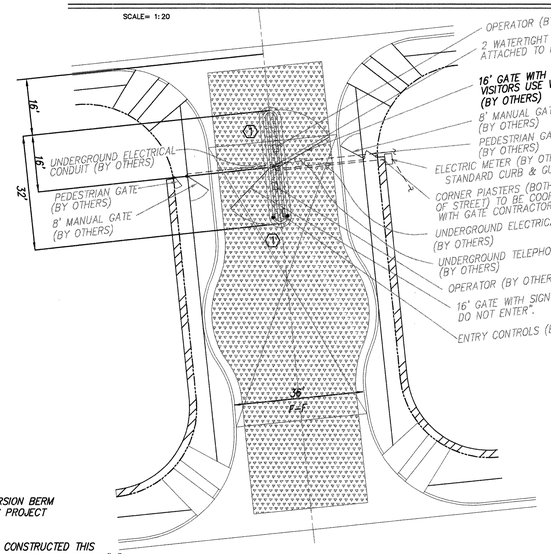
- 5" ENTRANCE PAVEMENT
- NEW 6' SIDEWALK CONSTRUCTED THIS PROJECT
- 50' CROWN TRANSITION PER COA STD. DWG. 2401 THIS PROJECT
- ROLL CURB & GUTTER
- STANDARD 8" CURB & GUTTER
- RED BRICK TEXTURED CONCRETE PER DWG #2411, THIS PROJECT.
- EUCARIZ & RESIDENTIAL PAVING THIS PROJECT
- TEMPORARY PAVING THIS PROJECT
- ARTERIAL PAVING THIS PROJECT
- FLOOD WALL
- PAVEMENT REMOVAL THIS PROJECT
- TYPE III BARRICADES THIS PROJECT
- STREET LIGHT
- MEDIAN CURB & GUTTER
- TRACT/LOT BOUNDARY
- RIGHT OF WAY
- PROPERTY LINE
- HANDICAP RAMPS PER COA DWG #2441 THIS PROJECT CASE II
- NEW SIDEWALK ALONG FRONTAGE OF TRACT "C" TO BE CONSTRUCTED THIS PROJECT.





SCALE: NONE

TOWER ROAD PROPOSED TYPICAL SECTION PER CITY PROJECT 4188.91 (SAD-222)



82nd ST AT TOWER ROAD ENTRANCE PAVING DETAIL

SCALE= NTS

CURVE DATA – DESCRIBES FACE OF CURB

① Δ = 180°00'00"
R = 2.00'

NOTE:
REQUIRED WHERE 5" ENTRANCE PAVING IS INDICATED THIS SHEET

2 1/2" ASPHALT CONC. TYPICAL FINISH COURSE PLACED AFTER ALL MANHOLE, VALVES COVERS/RINGS ARE SET TO GRADE. 1500 LBS. STABILITY TYPE B GRADATION.

2 1/2" ASPHALT CONCRETE 1500 LBS. STABILITY, TYPE B GRADATION.

1-1/2" ASPHALT CONC. TYPICAL FINISH COURSE PLACED AFTER ALL MANHOLE, VALVES COVERS/RINGS ARE SET TO GRADE. 1500 LBS. STABILITY TYPE B GRADATION.

1-1/2" ASPHALT CONCRETE 1500 LBS. STABILITY, TYPE B GRADATION.

5" SUBBASE TO BE ADDED AFTER COMPLETION OF CURB AND TAPERED TO 0" IN 10± FROM EDGE OF GUTTER. SUBGRADE PREP SHALL NOT EXTEND BELOW THE BOTTOM OF THE GUTTER PER SECTION 301.4.1

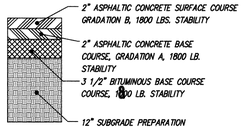
90% MIN. COMPACTION

NOTE: IF R-VALUE IS LESS THAN 50 CONTRACTOR WILL REPLACE 12" OF SUBGRADE WITH MATERIAL WITH AN R-VALUE OF 50 OR GREATER. IN RESIDENTIAL STREET, R-VALUE OF 62 IS REQUIRED FOR 5" ENTRANCE PAVING.

12" SUBGRADE SOIL. R-VALUE > 50 RESIDENTIAL, 62 ENTRANCE, PLACED IN 2-6" COMPACTED LIFTS. 95% MIN. COMPACTION, AT OPT. MOISTURE ± 2.0%, ASTM D1557, OR OPT MOISTURE TO +4% ASTM D698 FOR SOIL W/35% OR MORE MATERIAL PASSING THE NO. 200 SIEVE. TO EXTEND FULL WIDTH OF ROADWAY TO 1.0' BACK OF NEW CURB PER SECTION 301.4.1.1

EUCARIZ ENTRANCE AND RESIDENTIAL PAVEMENT SECTION

N.T.S. (PER CITY STD. DWG. 2405)

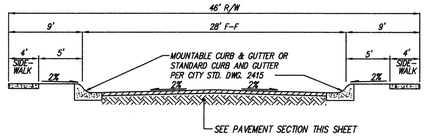


ARTERIAL PAVEMENT SECTION

TOWER RD. (98th ST. TO 82nd ST.)
SAGE ROAD (EAST OF 98th STREET)

AS PER CITY PROJECT #4188.91

MIN R-VALUE = 50



TYPICAL STREET SECTION

N.T.S.

NOTES

1. ALL 4' VALLEY GUTTERS PER CITY OF ALBUQUERQUE STANDARD DRAWING 2421 AT KNUCKLES AND 6' VALLEY GUTTERS PER CITY OF ALBUQUERQUE STANDARD DRAWING 2420 AT ALL INTERSECTIONS.
2. ALL 4' INTERIOR SIDEWALKS ARE DEFERRED.
3. ALL HANDICAP RAMPS TO BE CASE I PER CITY OF ALBUQUERQUE STANDARD DRAWING 2441. WHERE GRADES DO NOT PERMIT A MAXIMUM SLOPE OF 12:1 TO BE MAINTAINED WITHIN THE 7' LENGTH AS SPECIFIED. THEN THE "F" LENGTH AS SHOWN IN DRAWING 2441 SHALL MUST BE INCREASED TO MAINTAIN A SLOPE < 12:1.
4. TRANSITION FROM ROLL CURB TO STANDARD CURB SHALL BE PER CITY OF ALBUQUERQUE DRAWING 2418, UNLESS OTHERWISE SPECIFIED.
5. TRANSITION SECTION FROM FULL CROWN TO NO CROWN TO BE A MINIMUM OF 50', PER CITY OF ALBUQUERQUE STANDARD DRAWING 2401.
6. ALL INTERIOR SUBDIVISION STREETS ARE PRIVATE.

N

100' 50 0 100 200'

SCALE: 1" = 100'

8118VIST/UNIT2/8118PAV/12-09-99

AS BUILT INFORMATION

CONTRACTOR HYDRO SYSTEMS
WORK STAKED BY AVS DATE 00
INSPECTED BY R. Baca DATE 9/00
FIELD VERIFICATION BY AVS DATE 00
DRAWINGS CORRECTED BY AVS DATE 11/00
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS
CITY OF ALBUQUERQUE ACS MONUMENT "8-L9"
NEW MEXICO STATE PLANE COORDINATES (CENTRAL ZONE) NAD 1927
X = 356,637.67, Y = 1,478,811.91, DELTA ALPHA + -0°16'31"
G -G = 0.99967955, ELEVATION = 5101.34'

SURVEY INFORMATION
FIELD NOTES
NO. BY DATE

ENGINEER'S SEAL
JAMES A. GRAY
NEW MEXICO 11674
REGISTERED PROFESSIONAL ENGINEER
1-5-00

NO.	DATE	REMARKS	DATE
		REVISIONS	
		DESIGN	10-98
		DESIGNED BY JDH	10-98
		DRAWN BY KJS	10-98
		CHECKED BY DMG	

dmg MARK GOODWIN & ASSOCIATES, P.A.
CONSULTING ENGINEERS
P.O. BOX 90606
ALBUQUERQUE, NEW MEXICO 87199
(505) 828-2200, FAX (505) 797-9539

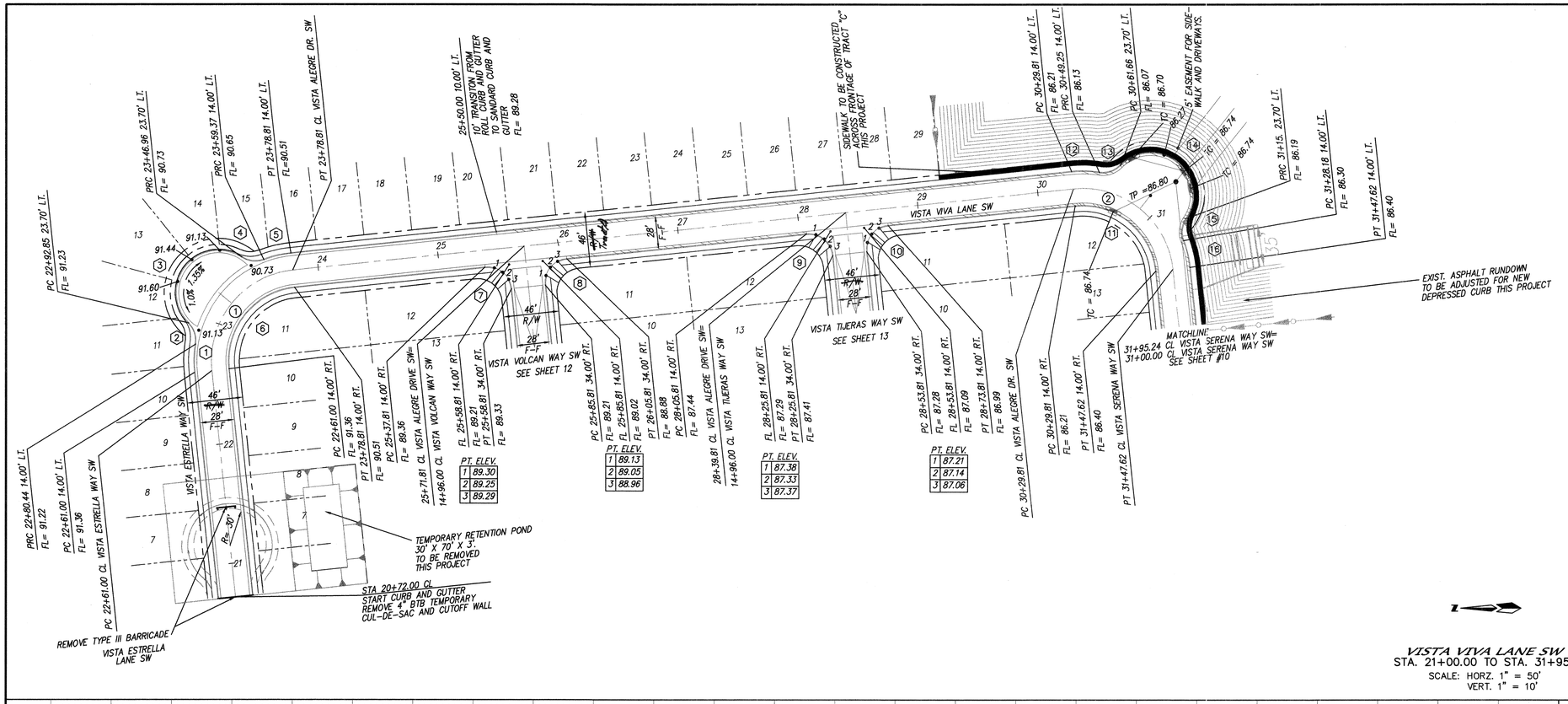
CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE: VISTA SANDIA SUBDIVISION UNIT II MASTER PAVING PLAN

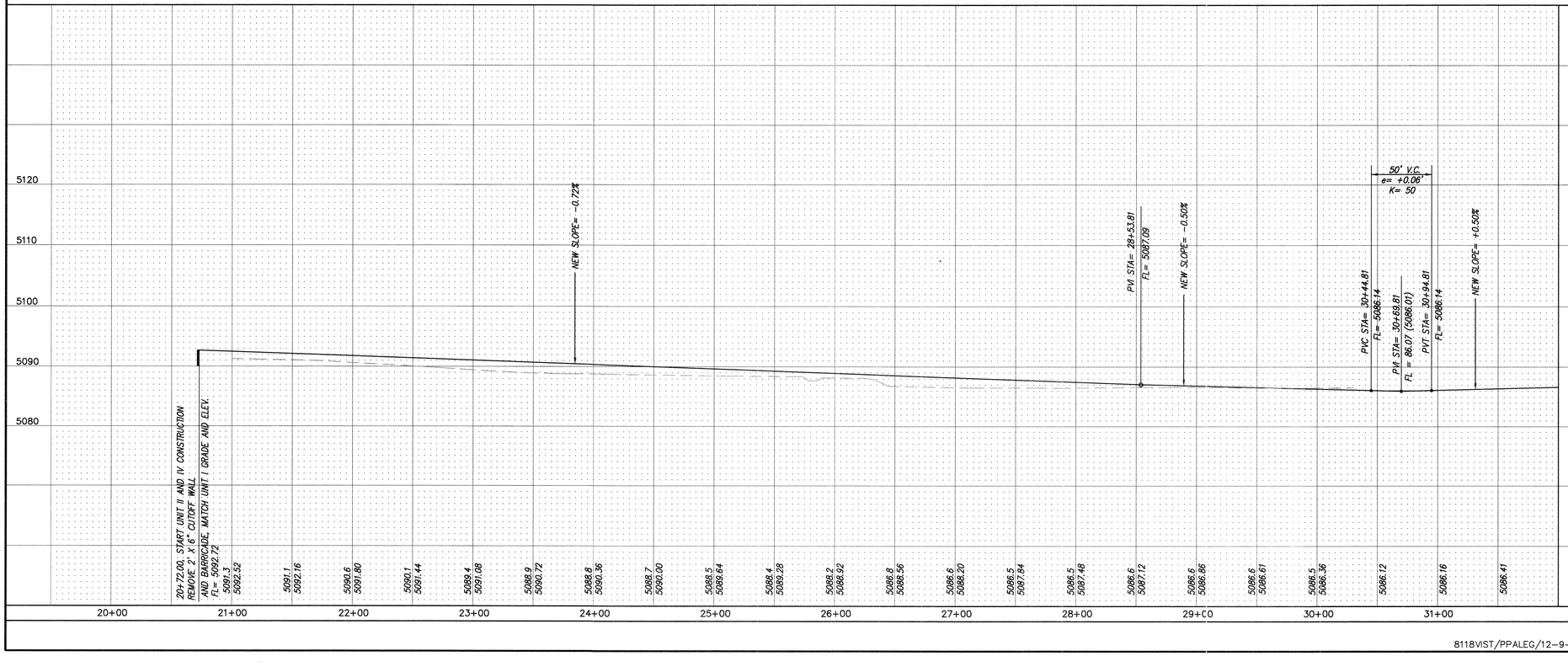
DESIGN REVIEW COMMITTEE: APPROVED FEB 29 2000 DESIGN REVIEW COMMITTEE
CITY ENGINEER APPROVAL
LAST DESIGN UPDATE
MO./DAY/YR.
MO./DAY/YR.

CITY PROJECT NO. 6071.82
ZONE MAP NO. L-9, L-10
SHEET 8 OF 25

F:\DATA\DWGS\8BJOBS\8118VIST\UNIT2\8118bav.dwg Thu Dec 30 08:26:19 1999 PLOTTED BY KJS



VISTA VIVA LANE SW
STA. 21+00.00 TO STA. 31+95.24
SCALE: HORZ. 1" = 50'
VERT. 1" = 10'



8118VIST/PPALEG/12-9-99

NOTES

1. ALL 4' VALLEY GUTTERS PER CITY OF ALBUQUERQUE STANDARD DRAWING 2421 AT KNUCKLES AND 6' VALLEY GUTTERS PER CITY OF ALBUQUERQUE STANDARD DRAWING 2420 AT ALL INTERSECTIONS.
2. ALL 4' INTERIOR SIDEWALKS ARE DEFERRED.
3. ALL HANDICAP RAMPS TO BE CASE II PER CITY OF ALBUQUERQUE STANDARD DRAWING 2441. WHERE GRADES DO NOT PERMIT A MAXIMUM SLOPE OF 12:1 TO BE MAINTAINED WITHIN THE 7' LENGTH AS SPECIFIED. THEN THE "F" LENGTH AS SHOWN IN DRAWING 2441 SHALL MUST BE INCREASED TO MAINTAIN A SLOPE < 12:1.
4. TRANSITION FROM MOUNTABLE CURB TO STANDARD CURB SHALL BE PER CITY OF ALBUQUERQUE DRAWING 2418 EXCEPT AS OTHERWISE NOTED.
5. TRANSITION SECTION FROM FULL CROWN TO NO CROWN TO BE A MINIMUM OF 50', PER CITY OF ALBUQUERQUE STANDARD DRAWING 2401.
6. ALL INTERIOR SUBDIVISION STRRETS ARE PRIVATE.

CURVE DATA – DESCRIBES CENTERLINE

① Δ = 90°00'00" R = 75.00' L = 117.81' T = 75.00'
② Δ = 90°00'00" R = 75.00' L = 117.81' T = 75.00'

CURVE DATA – DESCRIBES FACE OF NEW CURB

① Δ = 14°50'56" R = 89.00' L = 23.07' T = 11.60'
② Δ = 54°22'07" R = 20.00' L = 18.98' T = 10.27'
③ Δ = 169°02'21" R = 35.00' L = 103.26' T = N/A
④ Δ = 54°22'07" R = 20.00' L = 18.98' T = 10.27'
⑤ Δ = 14°50'56" R = 89.00' L = 23.07' T = 11.60'
⑥ Δ = 90°00'00" R = 61.00' L = 95.82' T = 61.00'
⑦ Δ = 90°00'00" R = 20.00' L = 31.42' T = 20.00'
⑧ Δ = 90°00'00" R = 20.00' L = 31.42' T = 20.00'
⑨ Δ = 90°00'00" R = 20.00' L = 31.42' T = 20.00'
⑩ Δ = 90°00'00" R = 20.00' L = 31.42' T = 20.00'
⑪ Δ = 90°00'00" R = 61.00' L = 95.82' T = 61.00'
⑫ Δ = 14°50'56" R = 89.00' L = 23.07' T = 11.60'
⑬ Δ = 54°22'07" R = 20.00' L = 18.98' T = 10.27'
⑭ Δ = 169°02'21" R = 35.00' L = 103.26' T = N/A
⑮ Δ = 54°22'07" R = 20.00' L = 18.98' T = 10.27'
⑯ Δ = 14°50'56" R = 89.00' L = 23.07' T = 11.60'

SURVEY INFORMATION — FIELD NOTES — NO. — BY — DATE

BENCH MARKS — CITY OF ALBUQUERQUE ACS MONUMENT "8-1.9" — NEW MEXICO STATE PLANE COORDINATES (CENTRAL ZONE) NAD 1927 — X = 356,637.67, Y = 1,478,811.91, DELTA ALPHA + -0°16'31" — C-G = 0.99967955, ELEVATION = 5101.34'

AS BUILT INFORMATION — CONTRACTOR HYDRO SYSTEMS DATE 9/00 — STAKED BY ALS DATE 9/00 — INSPECTOR'S CHECK TAKE BY R.B.G. DATE 9/00 — FIELD VERIFICATION BY ALS & Assoc. DATE 1/98 — DRAWINGS CORRECTED BY ALS DATE 1/98 — MICRO-FILM INFORMATION — RECORDED BY — DATE — NO.

ENGINEER'S SEAL — JAMES D. HYDE — NEW MEXICO — 13455 — REGISTERED PROFESSIONAL ENGINEER — 1-5-00

NO.	DATE	REMARKS / REVISIONS	BY	DATE
		DESIGNED BY JDH		11/98
		DRAWN BY KJS, AMB		11/98
		CHECKED BY DMG		

dmg MARK GOODWIN & ASSOCIATES, P.A.
CONSULTING ENGINEERS
P.O. BOX 90606
ALBUQUERQUE, NEW MEXICO 87199
(505) 828-2200, FAX (505) 797-9539

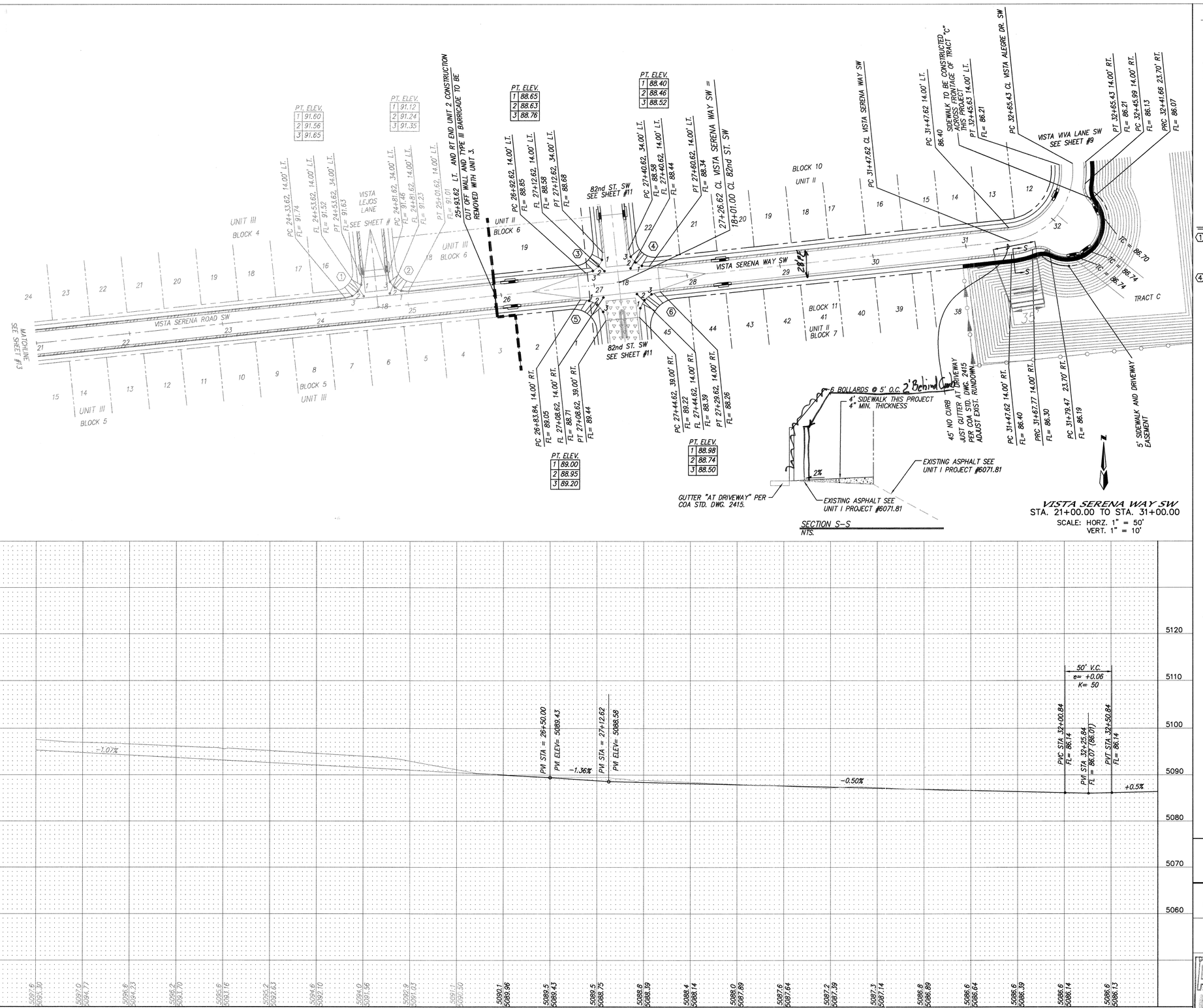
CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE: *VISTA SANDIA SUBDIVISION UNIT II*
VISTA VIVA LANE SW
(Private) PAVING IMPROVEMENTS

DESIGN REVIEW COMMITTEE — FEB 29 2000 — DESIGN REVIEW COMMITTEE
CITY ENGINEER APPROVAL — MO./DAY/YR.
LAST DESIGN UPDATE — MO./DAY/YR.

CITY PROJECT NO. 607182 | ZONE MAP NO. L-9, L-10 | SHEET 9 OF 25

F:\DATA\DWGS.98\JOBS\8118\VIST\UNIT2\Paleg.dwg Thu Dec 30 09:05:12 1999 PLOTTED BY KJS



NOTES

1. ALL 4' VALLEY GUTTERS PER CITY OF ALBUQUERQUE STANDARD DRAWING 2421 AT KNUCKLES AND 6' VALLEY GUTTERS PER CITY OF ALBUQUERQUE STANDARD DRAWING 2420 AT ALL INTERSECTIONS.
2. ALL 4' INTERIOR SIDEWALKS ARE DEFERRED.
3. ALL HANDICAP RAMPS TO BE CASE II PER CITY OF ALBUQUERQUE STANDARD DRAWING 2441. WHERE GRADES DO NOT PERMIT A MAXIMUM SLOPE OF 12:1 TO BE MAINTAINED WITHIN THE 7' LENGTH AS SPECIFIED. THEN THE "F" LENGTH AS SHOWN IN DRAWING 2441 SHALL MUST BE INCREASED TO MAINTAIN A SLOPE < 12:1.
4. TRANSITION FROM MOUNTABLE CURB TO STANDARD CURB SHALL BE PER CITY OF ALBUQUERQUE DRAWING 2418 EXCEPT AS OTHERWISE NOTED.
5. TRANSITION SECTION FROM FULL CROWN TO NO CROWN TO BE A MINIMUM OF 50', PER CITY OF ALBUQUERQUE STANDARD DRAWING 2401.
6. ALL INTERIOR SUBDIVISION STRRETS ARE PRIVATE.

CURVE DATA – DESCRIBES FACE OF CURB

① Δ = 90°00'00" R = 20.00' L = 31.42' T = 20.00'	② Δ = 90°00'00" R = 20.00' L = 31.42' T = 20.00'	③ Δ = 90°00'00" R = 20.00' L = 31.42' T = 20.00'
④ Δ = 90°00'00" R = 20.00' L = 31.42' T = 20.00'	⑤ Δ = 90°00'00" R = 25.00' L = 39.27' T = 25.00'	⑥ Δ = 90°00'00" R = 25.00' L = 39.27' T = 25.00'

SURVEY INFORMATION
FIELD NOTES
NO. BY DATE

AS BUILT INFORMATION
CONTRACTOR HYDRO SYSTEMS
WORK STAKED BY RLS DATE 9/00
INSPECTOR'S CONSTRUCTION STAKE BY R.Bus DATE 9/00
FIELD DRAWINGS BY RLS DATE 12/00
DRAWINGS CORRECTED BY RLS DATE 1/01
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS
CITY OF ALBUQUERQUE ACS MONUMENT "8-L9"
NEW MEXICO STATE PLANE COORDINATES (CENTRAL ZONE) NAD 1927
X = 356,637.67, Y = 1,478,811.91, DELTA ALPHA = -0°16'31"
G -G = 0.99967955, ELEVATION = 5101.34'

ENGINEER'S SEAL
JAMES D. HUGHES 14674 NEW MEXICO REGISTERED PROFESSIONAL ENGINEER
1-04

NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	
		DESIGNED BY JDH	DATE 1/99
		DRAWN BY KJS, AMB	DATE 1/99
		CHECKED BY DMG	DATE 1/99

dmg MARK GOODWIN & ASSOCIATES, P.A.
CONSULTING ENGINEERS
P.O. BOX 90606
ALBUQUERQUE, NEW MEXICO 87199
(505) 828-2200, FAX (505) 797-9539

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

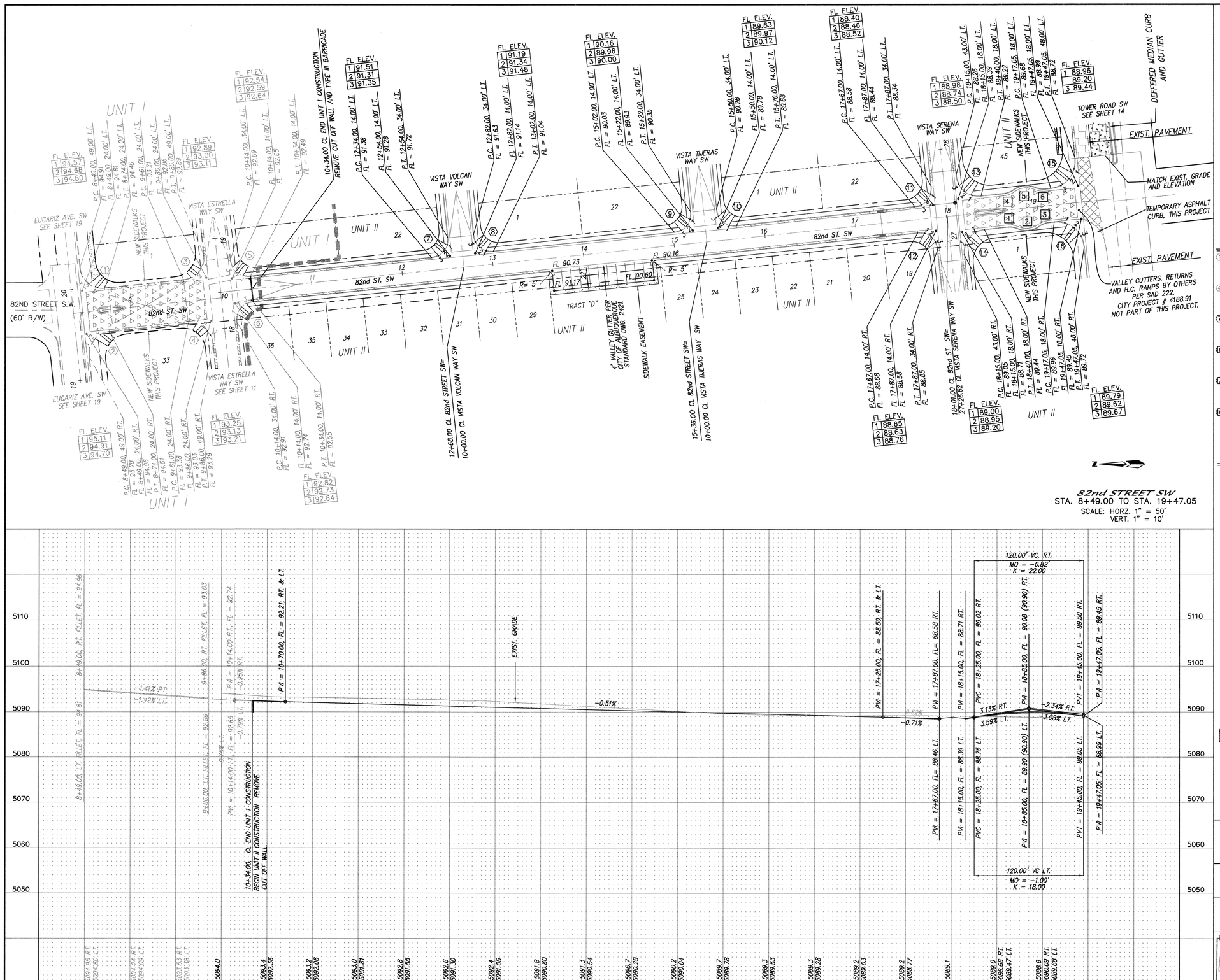
TITLE: *VISTA SANDIA SUBDIVISION UNIT II*
VISTA SERENA WAY SW
PRIVATE PAVING IMPROVEMENTS

DESIGN REVIEW COMMITTEE — FEB 29 2000 — DESIGN REVIEW COMMITTEE
CITY ENGINEER APPROVAL
LAST DESIGN UPDATE — MO./DAY/YR.

CITY PROJECT NO. 6071.82
ZONE MAP NO. L-9, L-10
SHEET 10 OF 25

8118VIST/UNIT 2/PPSEREN/12-09-99

F:\DATA\DWGS\98_JOBS\8118VIST\UNIT2\Ppseren.dwg Thu Dec 30 09:44:40 1999 PLOTTED BY KJS



NOTES

1. ALL 4' VALLEY GUTTERS PER CITY OF ALBUQUERQUE STANDARD DRAWING 2421 AT KNUCKLES AND 6' VALLEY GUTTERS PER CITY OF ALBUQUERQUE STANDARD DRAWING 2420 AT ALL INTERSECTIONS.
2. ALL 4' INTERIOR SIDEWALKS ARE DEFERRED.
3. ALL HANDICAP RAMPS TO BE CASE II PER CITY OF ALBUQUERQUE STANDARD DRAWING 2441. WHERE GRADES DO NOT PERMIT A MAXIMUM SLOPE OF 12:1 TO BE MAINTAINED WITHIN THE 7' LENGTH AS SPECIFIED. THEN THE "7" LENGTH AS SHOWN IN DRAWING 2441 SHALL MUST BE INCREASED TO MAINTAIN A SLOPE < 12:1.
4. TRANSITION FROM MOUNTABLE CURB TO STANDARD CURB SHALL BE PER CITY OF ALBUQUERQUE DRAWING 2418 EXCEPT AS OTHERWISE NOTED.
5. TRANSITION SECTION FROM FULL CROWN TO NO CROWN TO BE A MINIMUM OF 50', PER CITY OF ALBUQUERQUE STANDARD DRAWING 2401.
6. ALL INTERIOR SUBDIVISION STRRETS ARE PRIVATE.

CURVE DATA – DESCRIBES FACE OF CURB

① Δ = 90°00'00" R = 25.00' L = 39.27' T = 25.00'	② Δ = 90°00'00" R = 25.00' L = 39.27' T = 25.00'	③ Δ = 90°00'00" R = 25.00' L = 39.27' T = 25.00'
④ Δ = 90°00'00" R = 25.00' L = 39.27' T = 25.00'	⑤ Δ = 90°00'00" R = 20.00' L = 31.42' T = 20.00'	⑥ Δ = 90°00'00" R = 20.00' L = 31.42' T = 20.00'
⑦ Δ = 90°00'00" R = 20.00' L = 31.42' T = 20.00'	⑧ Δ = 90°00'00" R = 20.00' L = 31.42' T = 20.00'	⑨ Δ = 90°00'00" R = 20.00' L = 31.42' T = 20.00'
⑩ Δ = 90°00'00" R = 20.00' L = 31.42' T = 20.00'	⑪ Δ = 90°00'00" R = 20.00' L = 31.42' T = 20.00'	⑫ Δ = 90°00'00" R = 20.00' L = 31.42' T = 20.00'
⑬ Δ = 90°00'00" R = 25.00' L = 39.27' T = 25.00'	⑭ Δ = 90°00'00" R = 25.00' L = 39.27' T = 25.00'	⑮ Δ = 90°06'00" R = 30.00' L = 47.12' T = 30.05'
⑯ Δ = 89°59'54" R = 30.00' L = 47.12' T = 30.00'		

CURVE STATIONING
CURVE DATA – DESCRIBES FACE OF CURB

1. PC 18+65.07 18.00' RT.
   PT 18+76.09 21.00' RT.
   Δ = 28°57'18"
   R = 24.00'
   L = 12.13'
   T = 6.20'
2. PRC 18+76.09 21.00' RT.
   PC 18+99.93 18.00' RT.
   Δ = 57°54'36"
   R = 24.00'
   L = 24.26'
   T = 13.28'
3. PC 18+65.07 18.00' RT.
   PT 19+11.55 18.00' RT.
   Δ = 41°52'14"
   R = 24.00'
   L = 12.13'
   T = 9.18'
4. PC 18+65.07 18.00' LT.
   PT 18+76.89 21.00' RT.
   Δ = 28°57'18"
   R = 24.00'
   L = 12.13'
   T = 6.20'
5. PC 18+76.89 21.00' LT.
   PT 19+11.55 18.00' RT.
   Δ = 57°54'36"
   R = 24.00'
   L = 24.26'
   T = 9.18'
6. PC 18+99.93 21.00' LT.
   PT 19+17.05 18.00' RT.
   Δ = 28°57'18"
   R = 24.00'
   L = 12.13'
   T = 6.20'

LEGEND

- TEMPORARY PAVING THIS PROJECT
- ARTERIAL PAVING THIS PROJECT
- FLOOD WALL THIS PROJECT
- PAVEMENT REMOVAL THIS PROJECT

MARK GOODWIN & ASSOCIATES, P.A.
CONSULTING ENGINEERS
P.O. BOX 90606
ALBUQUERQUE, NEW MEXICO 87199
(505) 828-2200, FAX (505) 797-9539

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE: VISTA SANDIA SUBDIVISION UNIT II
82nd ST. SW
PRIVATE PAVING IMPROVMENTS

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

APPROVED FEB 29 2000 DESIGN REVIEW COMMITTEE

CITY PROJECT NO. 6071.82 | ZONE MAP NO. L-9,L-10 | SHEET 11 OF 25

AS BUILT INFORMATION
CONTRACTOR HYDRO SYSTEMS DATE 00
WORK STAKED BY AVS DATE 2/00
ACCEPTANCE BY R. Baca DATE 2/00
FIELD VERIFICATION BY AVS DATE 2/00
DRAWINGS CORRECTED BY AVS DATE 1/26
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

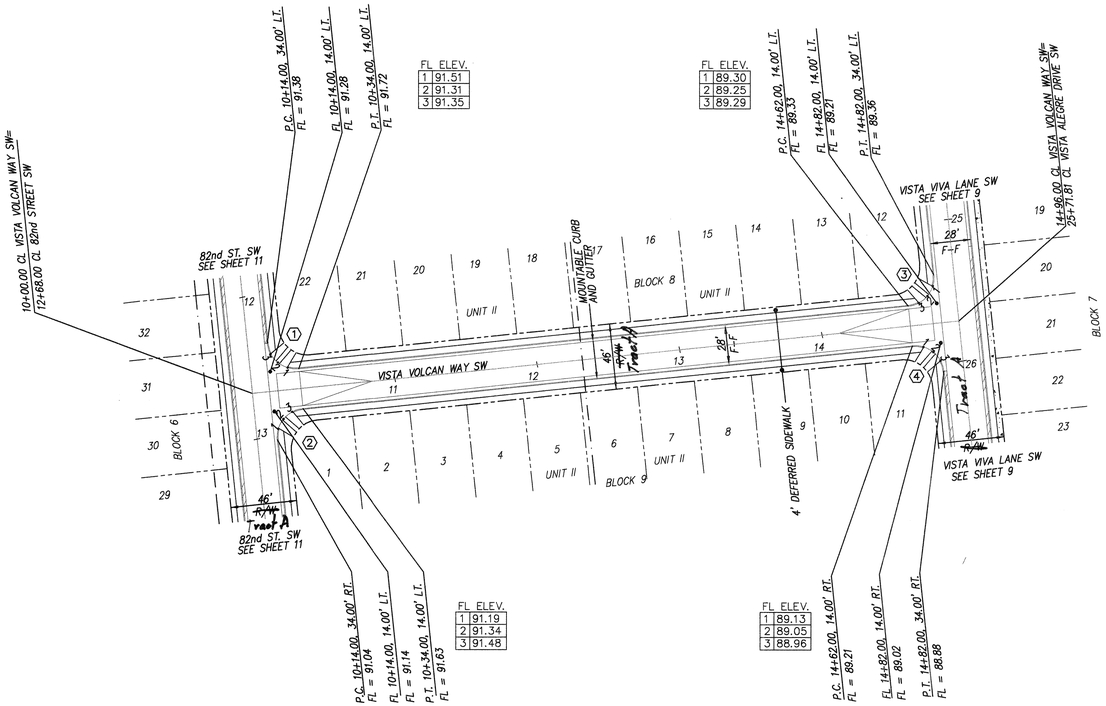
BENCH MARKS
CITY OF ALBUQUERQUE ACS MONUMENT "8-L9"
NEW MEXICO STATE PLANE COORDINATES (CENTRAL ZONE) NAD 1927
X = 356,637.67, Y = 1,478,811.91, DELTA ALPHA + -0°16'31"
G -C = 0.99967955, ELEVATION = 5101.34'

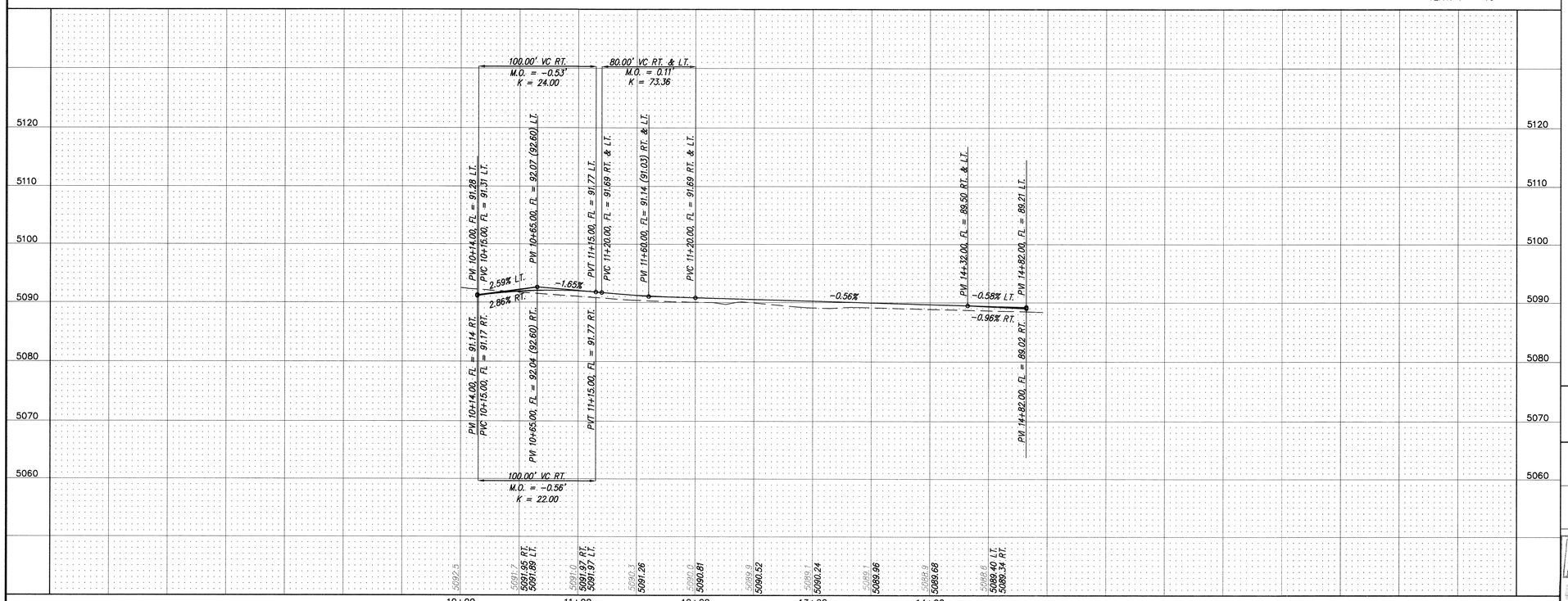
SURVEY INFORMATION
FIELD NOTES
NO. | BY | DATE

ENGINEER'S SEAL
JAMES D. HUGHES 7967 NEW MEXICO REGISTERED PROFESSIONAL ENGINEER
1-5-00

NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	DATE 11/98
		DESIGNED BY JDH	DATE 11/98
		DRAWN BY KJS, MJR, WLV	DATE 11/98
		CHECKED BY DMG	DATE

F:\DATA\DWGS\98\0805\8118VIST\UNIT2\PP82.dwg Thu Dec 30 09:04:39 1999 PLOTTED BY KJS





VISTA VOLCAN WAY SW
STA. 10+00.00 TO STA. 14+96.00
SCALE: HORZ. 1" = 50'
VERT. 1" = 10'

8118VIST/8118PP3/12-09-99

NOTES

1. ALL 4' VALLEY GUTTERS PER CITY OF ALBUQUERQUE STANDARD DRAWING 2421 AT KNUCKLES AND 6' VALLEY GUTTERS PER CITY OF ALBUQUERQUE STANDARD DRAWING 2420 AT ALL INTERSECTIONS.
2. ALL 4' INTERIOR SIDEWALKS ARE DEFERRED.
3. ALL HANDICAP RAMPS TO BE CASE II PER CITY OF ALBUQUERQUE STANDARD DRAWING 2441. WHERE GRADES DO NOT PERMIT A MAXIMUM SLOPE OF 12:1 TO BE MAINTAINED WITHIN THE 7' LENGTH AS SPECIFIED. THEN THE "F" LENGTH AS SHOWN IN DRAWING 2441 SHALL MUST BE INCREASED TO MAINTAIN A SLOPE < 12:1.
4. TRANSITION FROM MOUNTABLE CURB TO STANDARD CURB SHALL BE PER CITY OF ALBUQUERQUE DRAWING 2401.
5. TRANSITION SECTION FROM FULL CROWN TO NO CROWN TO BE A MINIMUM OF 50', PER CITY OF ALBUQUERQUE STANDARD DRAWING 2401.
6. ALL INTERIOR SUBDIVISION STRRETS ARE PRIVATE.

CURVE DATA – DESCRIBES FACE OF CURB

① Δ = 90°00'00" R = 20.00' L = 31.42' T = 20.00'
② Δ = 90°00'00" R = 20.00' L = 31.42' T = 20.00'
③ Δ = 90°00'00" R = 20.00' L = 31.42' T = 20.00'
④ Δ = 90°00'00" R = 20.00' L = 31.42' T = 20.00'

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE

BENCH MARKS
CITY OF ALBUQUERQUE ACS MONUMENT "8-19"
NEW MEXICO STATE PLANE COORDINATES (CENTRAL ZONE) NAD 1927
X = 356,637.67, Y = 1,478,811.91, DELTA ALPHA + -016'37"
G -G = 0.99967955, ELEVATION = 5101.34'

AS BUILT INFORMATION
CONTRACTOR HYDRO SYSTEMS DATE 12-98
WORK STAKED BY ALS DATE 9-98
INSPECTOR'S AS-BUILT BY R. Baca DATE 9-98
FIELD VERIFICATION BY ALS DATE 12-98
DRAWING CORRECTED BY ALS DATE 12-98
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

ENGINEER'S SEAL
JAMES D. HUGHES
NEW MEXICO
14674
REGISTERED PROFESSIONAL ENGINEER
12-5-00

NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	
		DESIGNED BY	JDH
		DRAWN BY	MJR, WLV
		CHECKED BY	DMG

dmg
MARK GOODWIN & ASSOCIATES, P.A.
CONSULTING ENGINEERS
P.O. BOX 90606
ALBUQUERQUE, NEW MEXICO 87199
(505) 828-2200, FAX (505) 797-9539

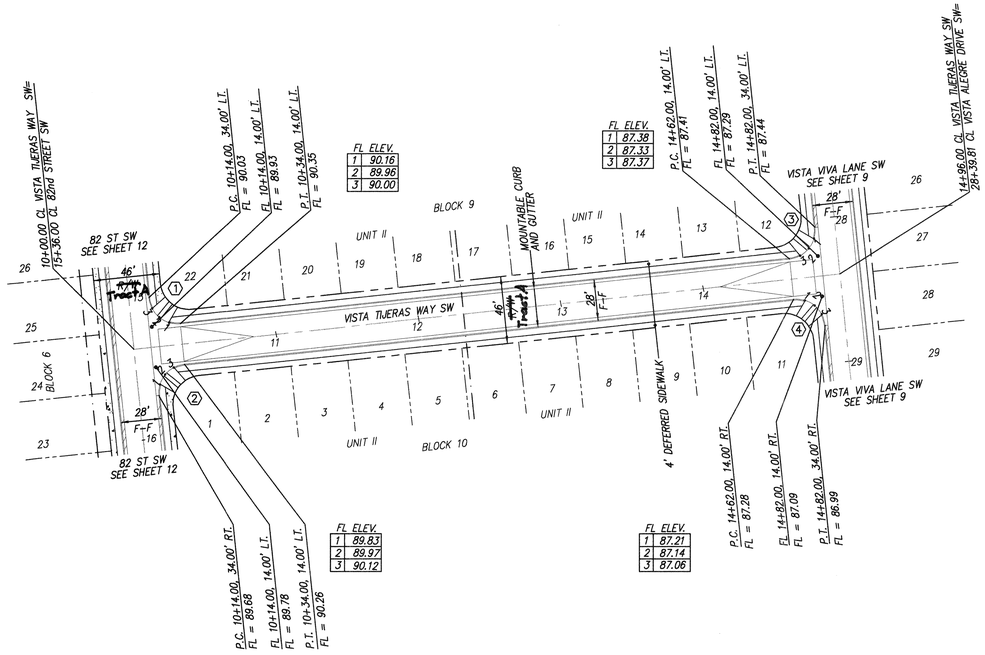
CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE: VISTA SANDIA SUBDIVISION UNIT II
VISTA VOLCAN WAY SW
(Private) PAVING IMPROVEMENTS

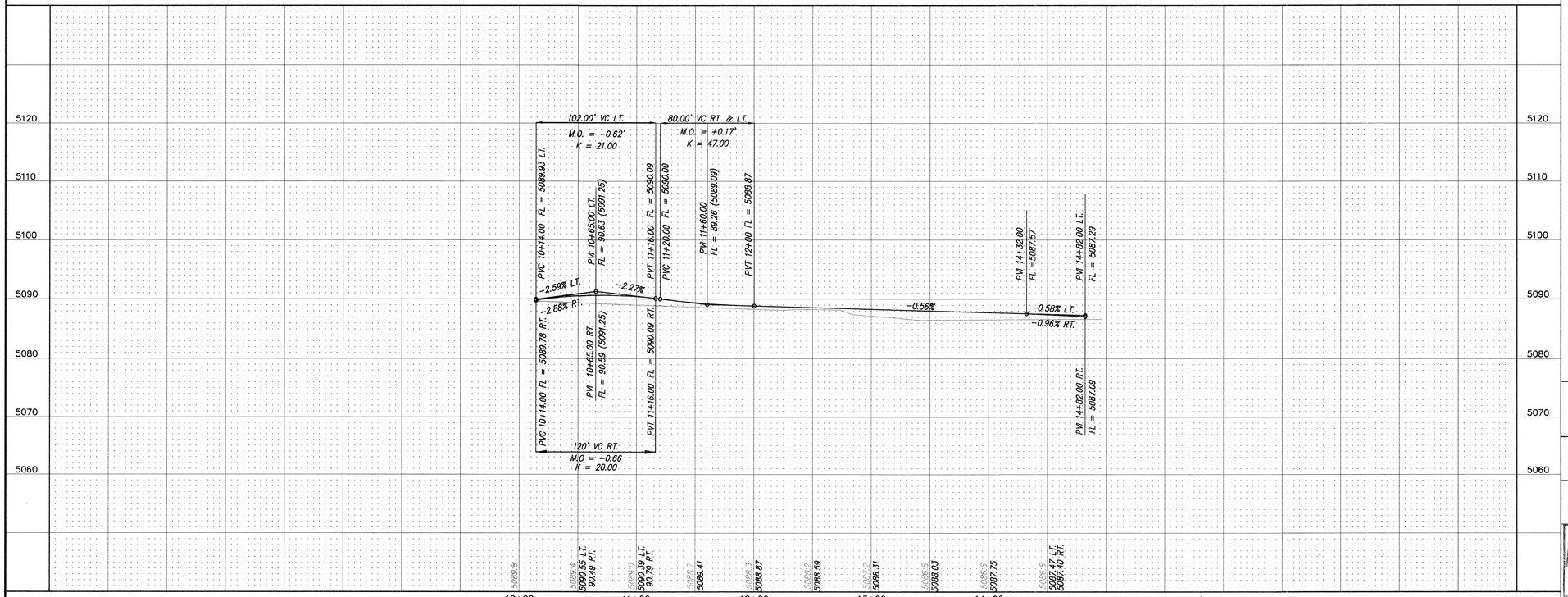
DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	LAST DESIGN UPDATE	MO./DAY/YR.	MO./DAY/YR.
FEB 29 2000 DESIGN REVIEW COMMITTEE				

CITY PROJECT NO. 6071.82
ZONE MAP NO. L-9, L-10
SHEET 12 OF 25

F:\DATA\DWGS\98\DBS\8118VIST\UNIT2\8118pp3.dwg Thu Dec 30 08:27:24 1999 PLOTTED BY KJS



VISTA TIJERAS WAY SW
STA. 10+00.00 TO STA. 14+96.00
SCALE: HORZ. 1" = 50'
VERT. 1" = 10'



8118VIST/8118PP4/12-09-99

NOTES

1. ALL 4' VALLEY GUTTERS PER CITY OF ALBUQUERQUE STANDARD DRAWING 2421 AT KNUCKLES AND 6" VALLEY GUTTERS PER CITY OF ALBUQUERQUE STANDARD DRAWING 2420 AT ALL INTERSECTIONS.
2. ALL 4' INTERIOR SIDEWALKS ARE DEFERRED.
3. ALL HANDICAP RAMPS TO BE CASE II PER CITY OF ALBUQUERQUE STANDARD DRAWING 2441. WHERE GRADES DO NOT PERMIT A MAXIMUM SLOPE OF 12:1 TO BE MAINTAINED WITHIN THE 7' LENGTH AS SPECIFIED. THEN THE "F" LENGTH AS SHOWN IN DRAWING 2441 SHALL MUST BE INCREASED TO MAINTAIN A SLOPE < 12:1.
4. TRANSITION FROM MOUNTABLE CURB TO STANDARD CURB SHALL BE PER CITY OF ALBUQUERQUE DRAWING 2401.
5. TRANSITION SECTION FROM FULL CROWN TO NO CROWN TO BE A MINIMUM OF 50', PER CITY OF ALBUQUERQUE STANDARD DRAWING 2401.
6. ALL INTERIOR SUBDIVISION STRRETS ARE PRIVATE.

CURVE DATA – DESCRIBES FACE OF CURB

①	②	③	④
Δ = 90°00'00"	Δ = 90°00'00"	Δ = 90°00'00"	Δ = 90°00'00"
R = 20.00'	R = 20.00'	R = 20.00'	R = 20.00'
L = 31.42'	L = 31.42'	L = 31.42'	L = 31.42'
T = 20.00'	T = 20.00'	T = 20.00'	T = 20.00'

AS BUILT INFORMATION

CONTRACTOR HYDRO SYSTEMS DATE 00
WORK STAKED BY AVS DATE
INSPECTIONS BY R. Baca DATE 6/00
FIELD LOCATION BY AVS DATE 12/98
DRAWINGS CORRECTED BY AVS DATE 12/98
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS
CITY OF ALBUQUERQUE ACS MONUMENT "8-L9"
NEW MEXICO STATE PLANE COORDINATES (CENTRAL ZONE) NAD 1927
X = 356,637.67, Y = 1,478,811.91, DELTA ALPHA = -0°16'31"
G -G = 0.99967955, ELEVATION = 5101.34'

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL
JAMES D. HUGHES 11674 NEW MEXICO REGISTERED PROFESSIONAL ENGINEER
1-5-00

NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	

DESIGNED BY JDH DATE 12-98
DRAWN BY MJR DATE 12-98
CHECKED BY DMG DATE 12-98

dmg MARK GOODWIN & ASSOCIATES, P.A.
CONSULTING ENGINEERS
P.O. BOX 90606
ALBUQUERQUE, NEW MEXICO 87199
(505) 828-2200, FAX (505) 797-9539

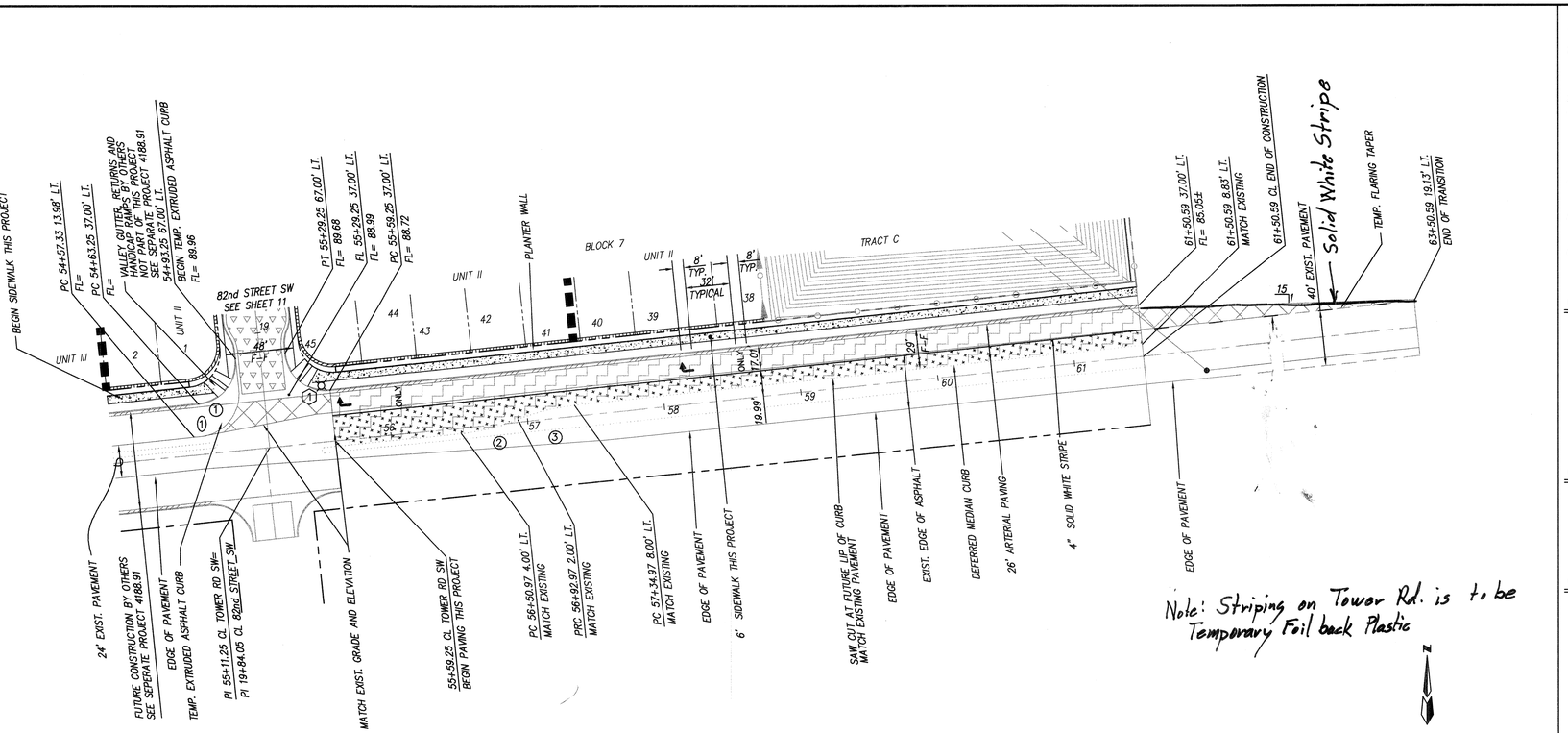
CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE: VISTA SANDIA SUBDIVISION UNIT II
VISTA TIJERAS WAY SW
PRIVATE PAVING IMPROVEMENTS

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	LAST DESIGN UPDATE	MO./DAY/YR.	MO./DAY/YR.
APPROVED FEB 29 2000 BY REVIEW COMMITTEE				

CITY PROJECT NO. 6071.82
ZONE MAP NO. L-9,L-10
SHEET 13 OF 25

F:\DATA\DWGS\96J085\8118VIST\VNIT2\8118pp4.dwg Thu Dec 30 10:32:11 1999 PLOTTED BY KJS



8118VIST/UNIT 2/PPTOW/12/10/99

NOTES

1. ALL 4' VALLEY GUTTERS PER CITY OF ALBUQUERQUE STANDARD DRAWING 2421 AT KNUCKLES AND 6' VALLEY GUTTERS PER CITY OF ALBUQUERQUE STANDARD DRAWING 2420 AT ALL INTERSECTIONS.
2. ALL 4' INTERIOR SIDEWALKS ARE DEFERRED.
3. ALL HANDICAP RAMPS TO BE CASE II PER CITY OF ALBUQUERQUE STANDARD DRAWING 2441. WHERE GRADES DO NOT PERMIT A MAXIMUM SLOPE OF 12:1 TO BE MAINTAINED WITHIN THE 7' LENGTH AS SPECIFIED. THEN THE "F" LENGTH AS SHOWN IN DRAWING 2441 SHALL MUST BE INCREASED TO MAINTAIN A SLOPE < 12:1.
4. TRANSITION FROM MOUNTABLE CURB TO STANDARD CURB SHALL BE PER CITY OF ALBUQUERQUE DRAWING 2401.
5. TRANSITION SECTION FROM FULL CROWN TO NO CROWN TO BE A MINIMUM OF 50', PER CITY OF ALBUQUERQUE STANDARD DRAWING 2401.
6. ALL INTERIOR SUBDIVISION STRRETS ARE PRIVATE.

CURVE DATA – DESCRIBES FACE OF NEW CURB

① Δ = 90°06'00"
R = 30.00'
L = 47.12'
T = 30.06'

CURVE DATA – DESCRIBES EXTRUDED ASPHALT CURB

① Δ = 89°51'00"
R = 30.00'
L = 47.05'
T = 29.92'

CURVE DATA – DESCRIBES FACE OF FUTURE CURB

① Δ = 89°59'54" R = 30.00' L = 47.12' T = 30.00'
② Δ = 16°15'37" R = 150.00' L = 42.57' T = 21.43'
③ Δ = 16°15'37" R = 150.00' L = 42.57' T = 21.43'

LEGEND

- TEMPORARY PAVING THIS PROJECT
- ARTERIAL PAVING THIS PROJECT
- FLOOD WALL THIS PROJECT
- PAVEMENT REMOVAL THIS PROJECT
- DEFERRED MEDIAN CURB

AS BUILT INFORMATION
CONTRACTOR HYDRO SYSTEMS
WORK STARTED BY AUS DATE 4-00
WORK COMPLETED BY AUS DATE 4-00
ACCEPTANCE BY R. Baca DATE 4-00
VERIFICATION BY AUS DATE 5-00
DRAWINGS CORRECTED BY AUS DATE 5-00
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS
CITY OF ALBUQUERQUE ACS MONUMENT "8-19"
NEW MEXICO STATE PLANE COORDINATES (CENTRAL ZONE) NAD 1927
X = 356,637.67; Y = 1,478,811.91; DELTA ALPHA + -0°16'31"
G -O = 0.99967955, ELEVATION = 5101.34'

SURVEY INFORMATION
FIELD NOTES BY
NO. DATE

ENGINEER'S SEAL
JAMES D. HOLLOWELL
NEW MEXICO
14674
REGISTERED PROFESSIONAL ENGINEER
5-1-00

NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	
	5/99	DESIGNED BY	JDH
	5/99	DRAWN BY	KJS
	5/99	CHECKED BY	DMG

dmg
MARK GOODWIN & ASSOCIATES, P.A.
CONSULTING ENGINEERS
P.O. BOX 90606
ALBUQUERQUE, NEW MEXICO 87199
(505) 828-2200, FAX (505) 797-9539

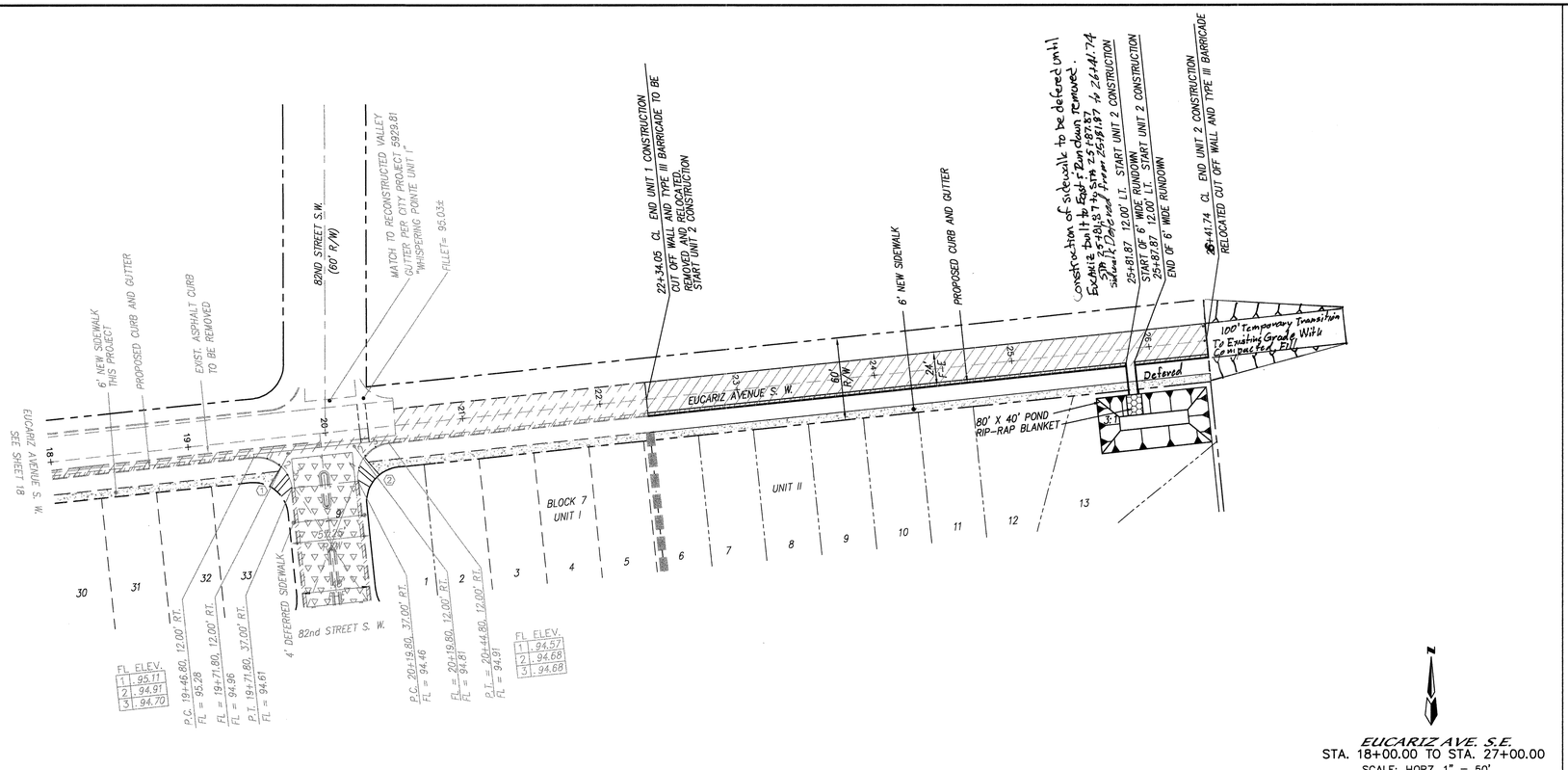
CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE: VISTA SANDIA SUBDIVISION UNIT II
TOWER ROAD SW
PAVING IMPROVEMENTS

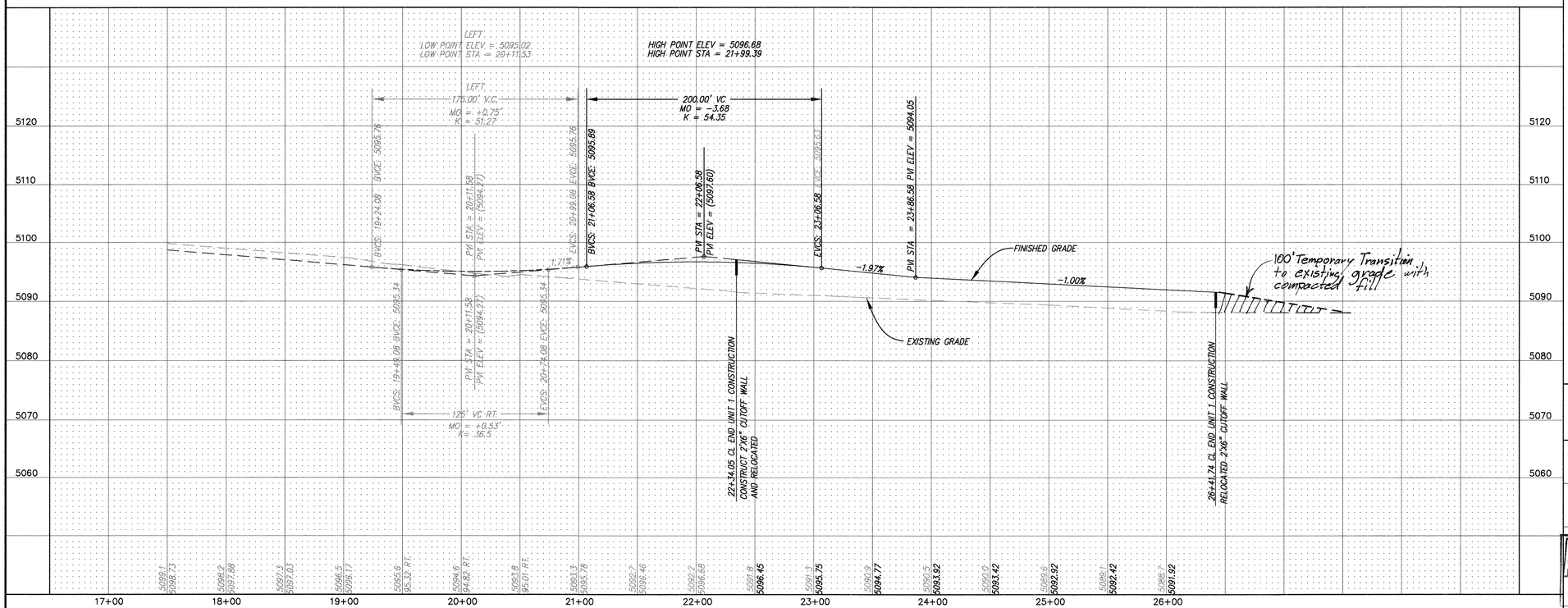
DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	LAST DESIGN UPDATE	MO./DAY/YR.	MO./DAY/YR.
FEB 29 2000 DESIGN REVIEW COMMITTEE				

CITY PROJECT NO. 6071.82 | ZONE MAP NO. L9, L10 | SHEET 14 OF 25

F:\DATA\DWGS\98JOBS\8118VIST\UNIT2\pptow.dwg Thu Dec 30 09:51:45 1999 PLOTTED BY KJS



EUCARIZ AVE. S.E.
STA. 18+00.00 TO STA. 27+00.00
SCALE: HORZ. 1" = 50'
VERT. 1" = 10'



8118/8118ppe2/01-28-00

NOTES

1. ALL 4' VALLEY GUTTERS PER CITY OF ALBUQUERQUE STANDARD DRAWING 2421 AT KNUCKLES AND 6' VALLEY GUTTERS PER CITY OF ALBUQUERQUE STANDARD DRAWING 2420 AT ALL INTERSECTIONS.
2. ALL 4' INTERIOR SIDEWALKS ARE DEFERRED.
3. ALL HANDICAP RAMPS TO BE CASE II PER CITY OF ALBUQUERQUE STANDARD DRAWING 2441. WHERE GRADES DO NOT PERMIT A MAXIMUM SLOPE OF 12:1 TO BE MAINTAINED WITHIN THE 7' LENGTH AS SPECIFIED. THEN THE "I" LENGTH AS SHOWN IN DRAWING 2441 SHALL MUST BE INCREASED TO MAINTAIN A SLOPE < 12:1.
4. TRANSITION FROM MOUNTABLE CURB TO STANDARD CURB SHALL BE PER CITY OF ALBUQUERQUE DRAWING 2418 EXCEPT AS OTHERWISE NOTED.
5. TRANSITION SECTION FROM FULL CROWN TO NO CROWN TO BE A MINIMUM OF 50', PER CITY OF ALBUQUERQUE STANDARD DRAWING 2401.
6. ALL INTERIOR SUBDIVISION STRRETS ARE PRIVATE.

CURVE DATA – DESCRIBES FACE OF CURB

① Δ = 90°00'00" R = 25.00' L = 3927' T = 25.00'

② Δ = 90°00'00" R = 25.00' L = 3927' T = 25.00'

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE

BENCH MARKS
CITY OF ALBUQUERQUE ACS MONUMENT "8-L9"
NEW MEXICO STATE PLANE COORDINATES (CENTRAL ZONE) NAD 1927
X = 356,637.67, Y = 1,478,811.91, DELTA ALPHA = -0°16'33"
C-C = 0.99967955, ELEVATION = 5101.34'

AS BUILT INFORMATION
CONTRACTOR HOOD SYSTEMS DATE 12-98
WORK STAKED BY ACS DATE 12-98
INSPECTOR'S ACCEPTANCE BY R. Baca DATE 12-98
FIELD VERIFICATION BY ACS DATE 12-98
DRAWINGS REVISED BY ACS DATE 12-98
CORRECTED BY ACS DATE 12-98
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

ENGINEER'S SEAL
JAMES D. HUGHES 11-5-00
NEW MEXICO 11576 REGISTERED PROFESSIONAL ENGINEER

NO.	DATE	REMARKS	BY
		REVISIONS	

DESIGNED BY JDH DATE 12-98
DRAWN BY MJR, WLV DATE 12-98
CHECKED BY DMG DATE

MARK GOODWIN & ASSOCIATES, P.A.
CONSULTING ENGINEERS
P.O. BOX 90606
ALBUQUERQUE, NEW MEXICO 87199
(505) 828-2200, FAX (505) 797-9539

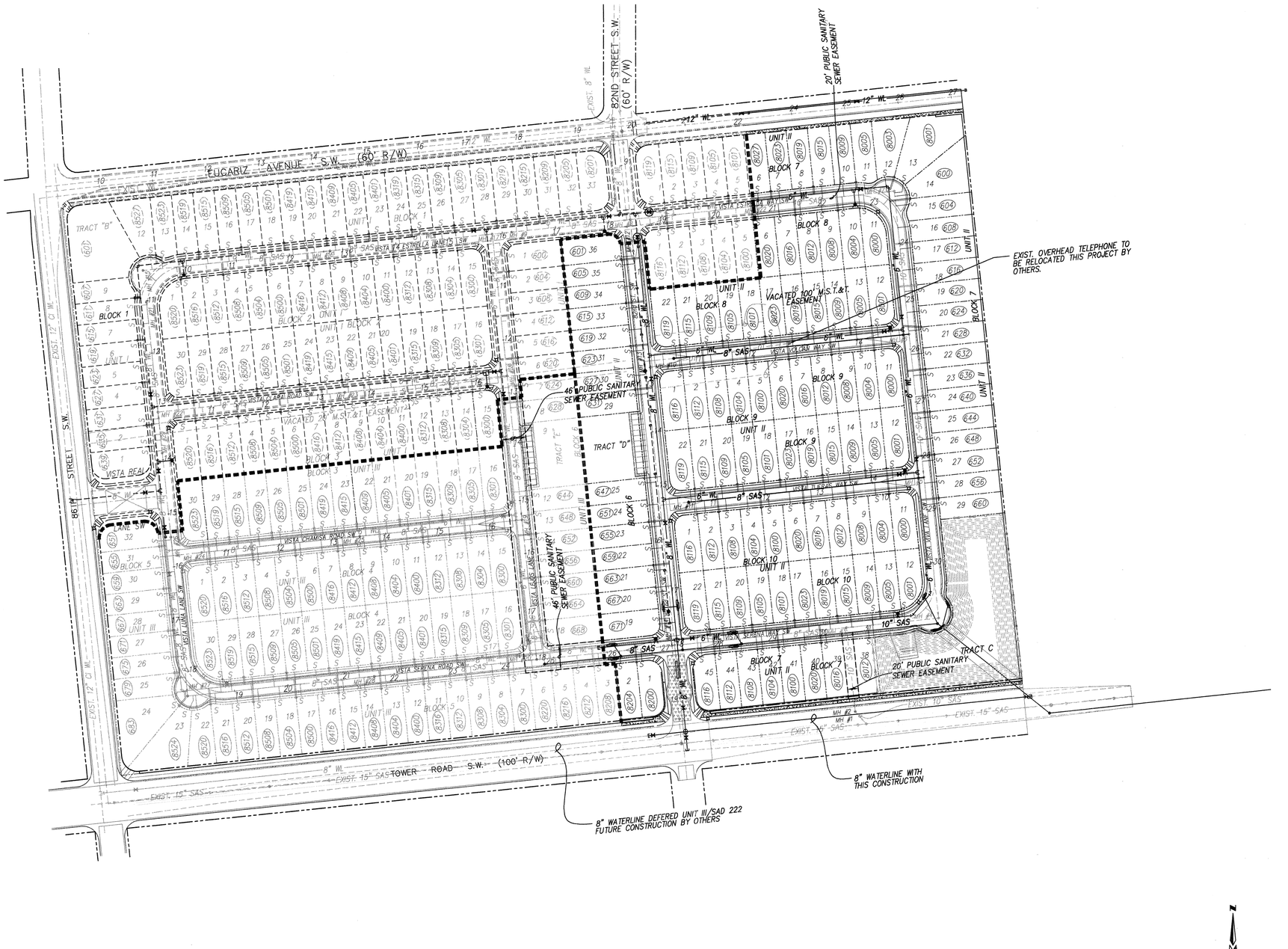
CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE: VISTA SANDIA SUBDIVISION UNIT II
EUCARIZ AVE SW
PAVING IMPROVMENTS

DESIGN REVIEW COMMITTEE — APPROVED FEB 29 2000 DESIGN REVIEW COMMITTEE
CITY ENGINEER APPROVAL
LAST DESIGN UPDATE — MO./DAY/YR.

CITY PROJECT NO. 6071.82
ZONE MAP NO. L-9, L-10
SHEET 14A OF 25

F:\DATA\DWGS\98JOBS\8118VISTUNIT2\8118ppe2.dwg Mon Jan 31 15:19:09 2000 PLOTTED BY KJS



NOTES

1. ALL STATIONING IS CENTERLINE STATIONING.
2. ALL FIRE HYDRANTS ARE 4' BURY UNLESS OTHERWISE SPECIFIED.

WATER SHUT-OFF NOTES

1. CONTRACTOR WILL CONTACT WATER SYSTEMS AT 857-8200, FIVE (5) DAYS PRIOR TO NECESSARY SHUT-OFF.
2. VALVES SHALL ONLY BE OPERATED BY CITY WATER EMPLOYEES.

Ⓜ VALVES CIRCLED ON THIS SHEET WILL BE CLOSED FOR A NON PRESSURE CONNECTION TO EXISTING STUBS.

LEGEND

- NEW CONCRETE SIDEWALK
- NEW RETAINING WALL
- MOUNTABLE CURB & GUTTER
- STANDARD 8" CURB & GUTTER
- SD — PROPOSED SANITARY SEWER
- PROPOSED STORM DRAIN LINE
- SAS — PROPOSED SANITARY SEWER
- WL — PROPOSED WATERLINE
- NEW FIRE HYDRANT
- DOUBLE WATER SERVICE
- SINGLE WATER SERVICE
- GATE VALVE
- TEE
- BEND
- S — SANITARY SEWER SERVICE
- PROPOSED STORM DRAIN MH
- PROPOSED SAS MH
- EXISTING SANITARY SEWER MANHOLE
- EXISTING WATER VALVE
- OT — EXISTING OVERHEAD TELEPHONE LINE
- SAS — EXISTING SANITARY SEWER
- (8101) ADDRESSING
- UNIT BOUNDARY
- STREET LIGHT
- W — EXISTING WATERLINE

100' 50 0 100 200'
SCALE: 1" = 100'

8118VIST/UNIT2/8118UTL1a/01-08-00

AS BUILT INFORMATION
CONTRACTOR HYDRO SYSTEMS DATE 2-00
INSPECTOR'S ACCEPTANCE BY A.L.S DATE 2-00
FIELD VERIFICATION BY R. Lucero DATE 2-00
DRAWINGS CORRECTED BY A.L.S DATE 2-00
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS
CITY OF ALBUQUERQUE ACS MONUMENT "8-L9"
NEW MEXICO STATE PLANE COORDINATES (CENTRAL ZONE) NAD 1927
X = 356,637.67, Y = 1,478,811.91, DELTA ALPHA + -0°16'31"
G -C = 0.99967955, ELEVATION = 5101.34'

SURVEY INFORMATION
FIELD NOTES BY DATE NO.

ENGINEER'S SEAL
DANIEL PHILLIP LUCERO 14674 NEW MEXICO REGISTERED PROFESSIONAL ENGINEER
1-5-00

NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	JDH 10-98
		DRAWN BY	KJS 10-98
		CHECKED BY	DMG ###

dmg MARK GOODWIN & ASSOCIATES, P.A.
CONSULTING ENGINEERS
P.O. BOX 90606
ALBUQUERQUE, NEW MEXICO 87199
(505) 828-2200, FAX (505) 797-9539

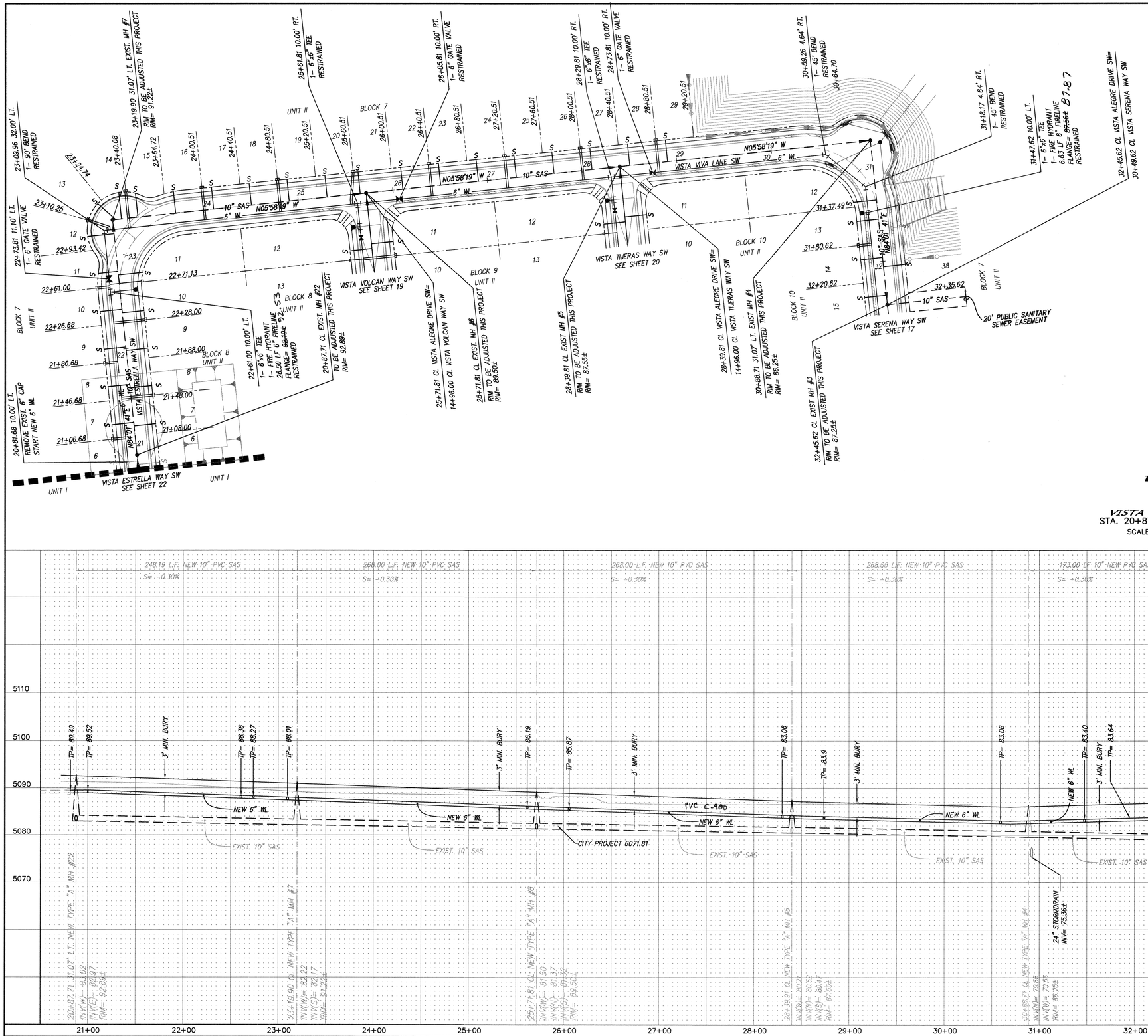
CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE: VISTA SANDIA SUBDIVISION UNIT II MASTER UTILITY PLAN

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	LAST DESIGN UPDATE	MO./DAY/YR.	MO./DAY/YR.
APPROVED FEB 29 2000 DESIGN REVIEW COMMITTEE				

CITY PROJECT NO.	ZONE MAP NO.	SHEET	OF
6071.82	L-9, L-10	15	25

F:\DATA\DWGS\98JOBS\8118VIST\UNIT2\8118utl1a.dwg Tue Jan 11 07:50:16 2000 PLOTTED BY KJS



VISTA VIVA LANE SW
STA. 20+87.71 TO STA. 32+45.62
SCALE: HORZ. 1" = 50'
VERT. 1" = 10'

8118VIST/UNIT2/UPALEG/12-13-99

NOTES

1. UNIT 1 CONSTRUCTION INCLUDED ONLY THE 10" SAS MAIN AND MANHOLES.
2. THE SANITARY SEWER SERVICES AND WATERLINES ON THIS SHEET ARE PART OF THIS PROJECT.
3. ALL HYDRANTS ARE 4' BURY UNLESS OTHERWISE SPECIFIED.

SANITARY SEWER SERVICES

BLOCK	LOT	STATION AT PL	INV. ELEV. AT PL	LENGTH AT PL
7	6	20+81.68	87.5	23.00'
7	7	21+21.68	87.3	23.00'
7	8	21+61.68	87.0	23.00'
7	9	22+01.68	86.6	23.00'
7	10	22+41.68	86.3	23.00'
7	11	22+76.94	86.0	20.79'
7	12	23+00.97	86.3	27.82'
7	13	23+21.52	86.3	32.02'
7	14	23+24.92	86.0	27.84'
7	15	23+45.11	85.5	25.16'
7	16	23+72.45	85.2	22.65'
7	17	24+10.51	84.9	23.00'
7	18	24+50.51	84.6	23.00'
7	19	24+90.51	84.3	23.00'
7	20	25+30.51	84.3	23.00'
7	21	25+70.51	84.0	23.00'
7	22	26+10.51	83.7	23.00'
7	23	26+50.51	83.4	23.00'
7	24	26+90.51	83.1	23.00'
7	25	27+30.51	83.2	23.00'
7	26	27+70.51	82.9	23.00'
7	27	28+10.51	82.6	23.00'
7	28	28+50.51	82.4	23.00'
8	6	20+78.00	87.5	23.00'
8	7	21+18.00	87.2	23.00'
8	8	21+58.00	86.9	23.00'
8	9	21+98.00	86.6	23.00'
8	10	22+38.00	86.3	23.00'
8	11	22+85.98	86.0	25.86'
10	12	31+30.15	81.8	24.40'
10	13	31+55.62	81.8	23.00'
10	14	31+95.62	81.9	23.00'
10	15	32+35.62	82.1	23.00'

RESTRAINED JOINT LENGTH FOR BENDS, VALVES, DEAD ENDS (FT.)

PIPE SIZE	90°	45°	22.5°	11.25°	VALVE
6"	17'	7'	3	2	46'

LENGTH OF RESTRAINED PIPE ON EACH SIDE OF THE BEND. RESTRAIN BRANCH AT FITTING ONLY MINIMUM ATTACHED PIPE LENGTH, RUN SIDE OF TEE: 10.00 FEET.

RESTRAINED JOINT LENGTH FOR TEES (FT.)

PIPE SIZE	RUN	BRANCH
6"x6"x6"	10'	2'

dmg MARK GOODWIN & ASSOCIATES, P.A.
CONSULTING ENGINEERS
P.O. BOX 90606
ALBUQUERQUE, NEW MEXICO 87199
(505) 828-2200, FAX (505) 797-9539

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE: VISTA SANDIA SUBDIVISION UNIT II
VISTA VIVA LANE SW
UTILITY IMPROVEMENTS

APPROVED FEB 29 2000 DESIGN REVIEW COMMITTEE

CITY ENGINEER APPROVAL

LAST DESIGN UPDATE | MO./DAY/YR. | MO./DAY/YR.

CITY PROJECT NO. 6071.82 | ZONE MAP NO. L-9,L-10 | SHEET 16 OF 25

AS BUILT INFORMATION
CONTRACTOR HYDRO SYSTEMS DATE 00
WORK INSPECTED BY ALS DATE
INSPECTORS FIELD ACCEPTANCE BY DATE
VERIFICATION BY ALS DATE 00
DRAWINGS CORRECTED BY ALS DATE 00
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS
CITY OF ALBUQUERQUE ACS MONUMENT "8-19"
NEW MEXICO STATE PLANE COORDINATES (CENTRAL ZONE) NAD 1927
X = 356,637.67, Y = 1,478,811.91, DELTA ALPHA = -0°16'31"
G -G = 0.9996795, ELEVATION = 5101.34'

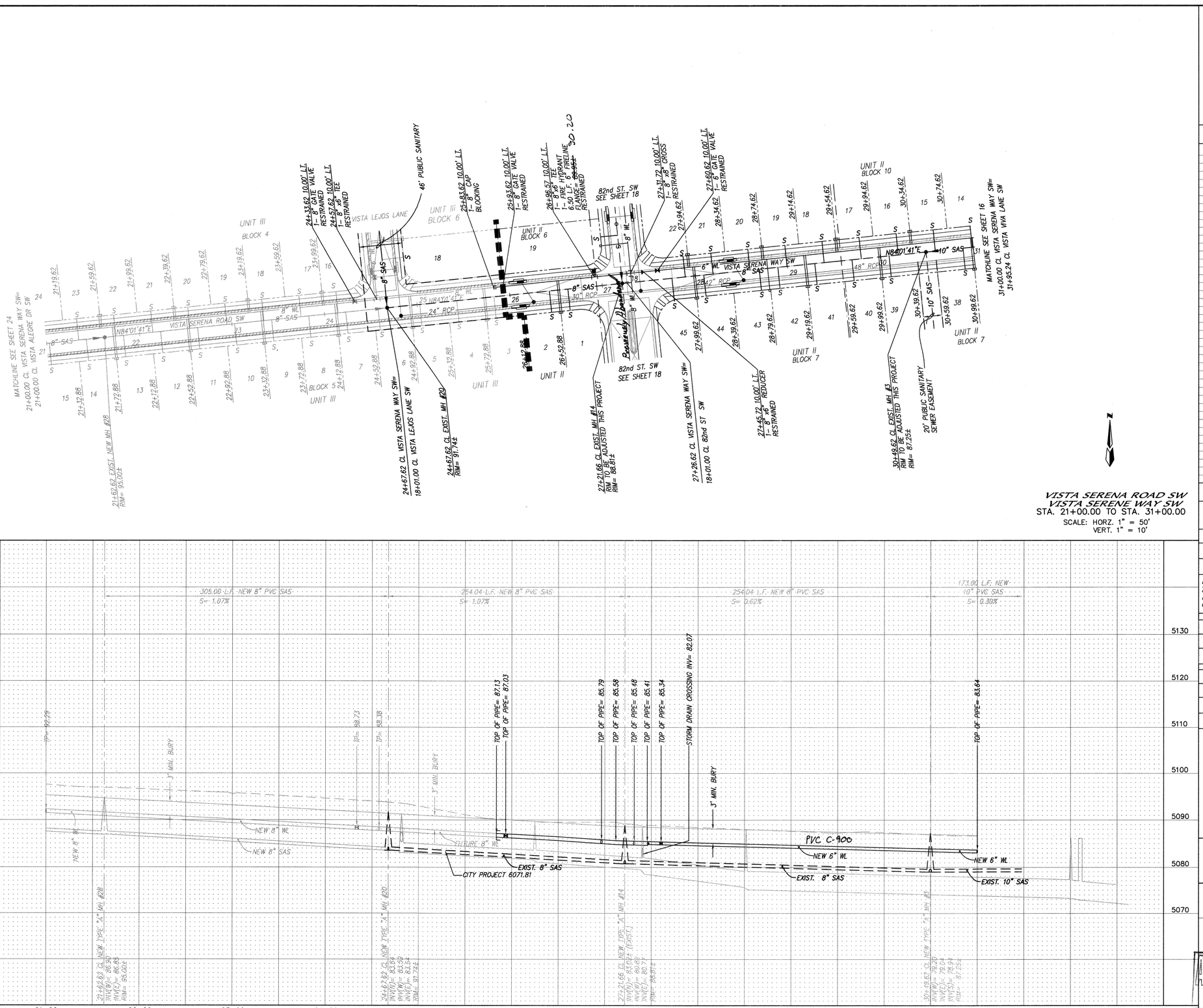
SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE	REMARKS
			REVISIONS
			DESIGN

DESIGNED BY JDH DATE 11/98
DRAWN BY KS, WLV DATE 11/98
CHECKED BY DMG DATE

ENGINEER'S SEAL
CHARLES D. HUGHES NEW MEXICO 11607 REGISTERED PROFESSIONAL ENGINEER
12-3-99

F:\DATA\DWGS\98_008\8118VIST\UNIT2\upaleg.dwg Thu Dec 30 09:54:29 1999 PLOTTED BY KJS



VISTA SERENA ROAD SW
VISTA SERENE WAY SW
STA. 21+00.00 TO STA. 31+00.00
SCALE: HORZ. 1" = 50'
VERT. 1" = 10'

NOTES

1. ALL FIRE HYDRANTS ARE 4' BURY UNLESS OTHERWISE SPECIFIED.

SANITARY SEWER SERVICES

BLOCK	LOT	STATION AT PL	INV. ELEV. AT PL	LENGTH AT PL
4	16	24+14.62	87.2	23.00'
4	17	23+74.62	87.5	23.00'
4	18	23+34.62	87.9	23.00'
4	19	22+94.62	88.3	23.00'
4	20	22+54.62	88.7	23.00'
4	21	22+14.62	89.1	23.00'
4	22	21+74.62	89.5	23.00'
4	23	21+34.62	89.9	23.00'
5	1	26+62.88	84.5	23.00'
5	2	26+22.88	84.9	23.00'
5	3	25+82.88	85.4	23.00'
5	4	25+42.88	85.9	23.00'
5	5	25+02.88	86.3	23.00'
5	6	24+62.88	86.7	23.00'
5	7	24+22.88	87.1	23.00'
5	8	23+82.88	87.5	23.00'
5	9	23+42.88	87.9	23.00'
5	10	23+02.88	88.2	23.00'
5	11	22+62.88	88.6	23.00'
5	12	22+22.88	89.0	23.00'
5	13	21+82.88	89.4	23.00'
5	14	21+42.88	89.8	23.00'
5	15	21+02.88	90.2	23.00'
10	14	30+99.62	81.9	23.00'
10	15	30+59.62	82.1	23.00'
10	16	30+19.62	82.4	23.00'
10	17	29+79.62	82.6	23.00'
10	18	29+39.62	82.8	23.00'
10	19	28+99.62	83.0	23.00'
10	20	28+59.62	83.2	23.00'
10	21	28+19.62	83.4	23.00'
10	22	27+89.62	83.6	23.00'
7	38	30+89.62	82.2	23.00'
7	39	30+09.62	82.4	23.00'
7	40	29+69.62	82.6	23.00'
7	41	29+29.62	82.8	23.00'
7	42	28+89.62	83.0	23.00'
7	43	28+69.62	82.8	23.00'
7	44	28+09.62	83.4	23.00'
7	45	27+81.22	83.6	23.00'
7	1	26+62.88	84.5	23.00'
7	2	26+42.88	84.3	23.00'

RESTRAINED JOINT LENGTH FOR BENDS, VALVES, DEAD ENDS (FT.)

PIPE SIZE	90°	45°	22.5°	11.25°	VALVE
6"	17'	7'	3'	2'	46'
8"	22'	9'	4'	2'	60'

LENGTH OF RESTRAINED PIPE ON EACH SIDE OF THE BEND. RESTRAIN BRANCH AT FITTING ONLY MINIMUM ATTACHED PIPE LENGTH, RUN SIDE OF TEE: 10.00 FEET.

RESTRAINED JOINT LENGTHS FOR REDUCERS (FT.)

PIPE SIZE	LARGE SIDE	SMALL SIDE
8" X 6"	25'	33'

RESTRAINED JOINT LENGTH FOR TEES (FT.)

PIPE SIZE	RUN	BRANCH
8"x8"x8"	13'	3'
8"x8"x6"	7'	5'

AS BUILT INFORMATION
CONTRACTOR HYLAND SYSTEMS DATE 12/98
STAKED BY ALS DATE 12/98
INSPECTOR'S CHANGE BY DATE
FIELD VERIFICATION BY ALS DATE 12/98
MARKED CORRECTED BY ALS DATE 12/98
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS
CITY OF ALBUQUERQUE ACS MONUMENT "8-L9"
NEW MEXICO STATE PLANE COORDINATES (CENTRAL ZONE) NAD 1927
X = 356,637.67, Y = 1,478,811.91, DELTA ALPHA = -0°16'31"
C -C = 0.99967955, ELEVATION = 5101.34'

SURVEY INFORMATION
FIELD NOTES
NO. BY DATE

ENGINEER'S SEAL
JAMES D. HYLAND
NEW MEXICO 11574
REGISTERED PROFESSIONAL ENGINEER
1-5-00

REMARKS
REVISIONS
NO. DATE BY

DESIGN DATE 12/98
DESIGNED BY JDH
DRAWN BY KJS, WLV
CHECKED BY DMG

dmg MARK GOODWIN & ASSOCIATES, P.A.
CONSULTING ENGINEERS
P.O. BOX 90606
ALBUQUERQUE, NEW MEXICO 87199
(505) 828-2200, FAX (505) 797-9539

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE: *VISTA SANDIA SUBDIVISION UNIT II*
VISTA SERENA AND VISTA SERENE WAY SW
UTILITY IMPROVEMENTS

APPROVED FOR SERVICE
FEB 29 2000
CITY ENGINEER

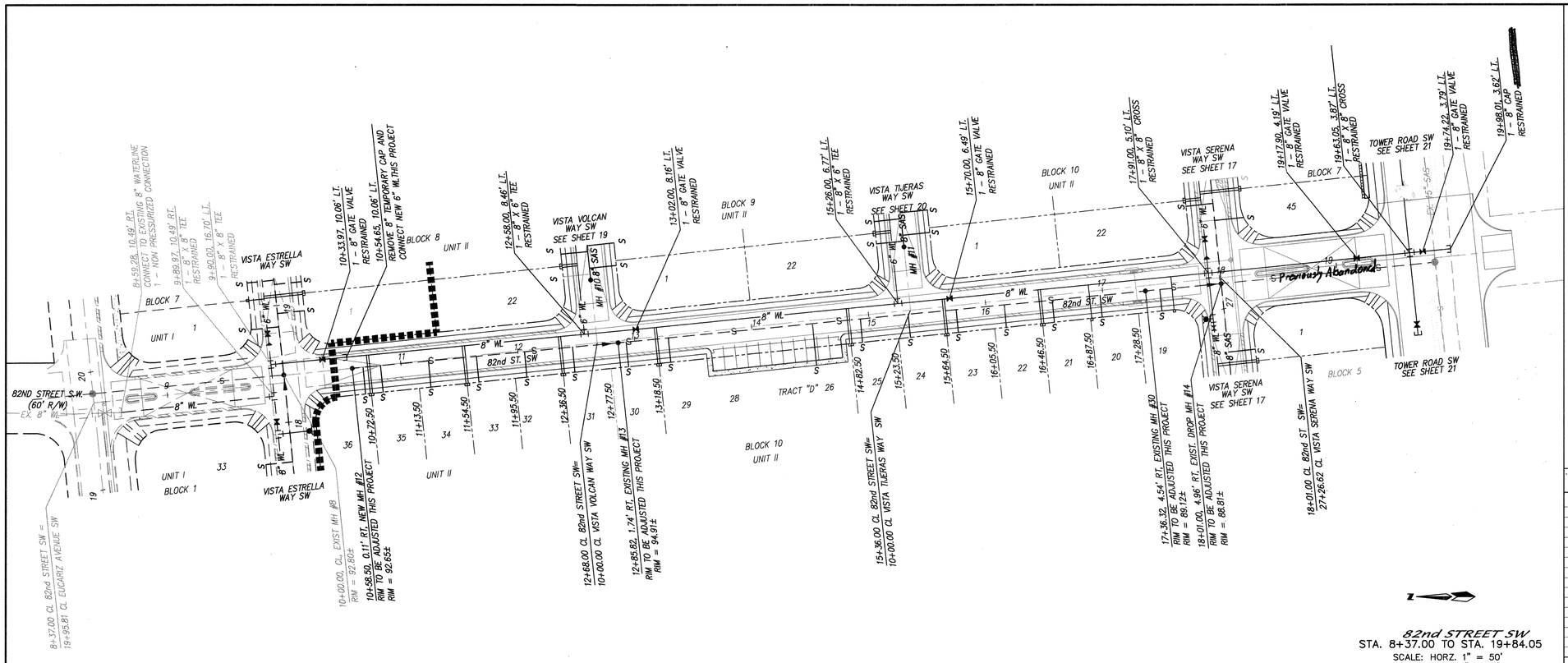
CITY ENGINEER APPROVAL

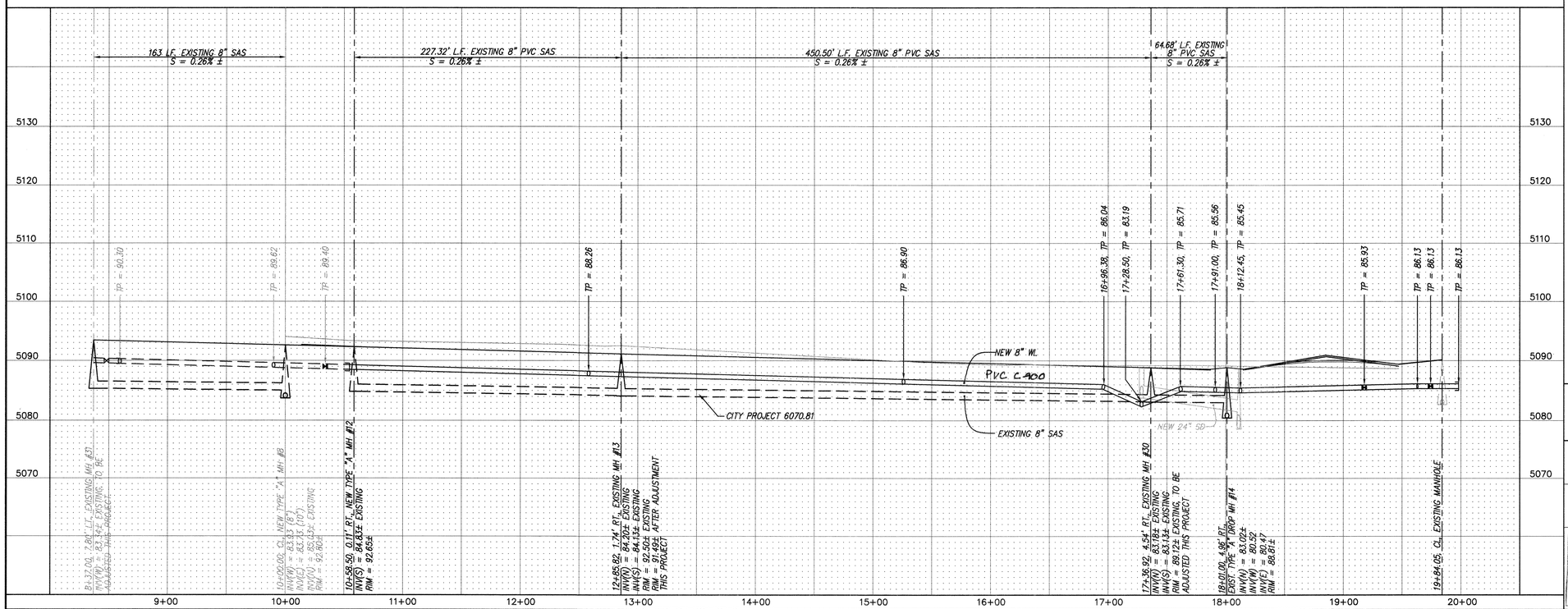
LAST DESIGN UPDATE | MO./DAY/YR. | MO./DAY/YR.

CITY PROJECT NO. 6071.82
ZONE MAP NO. L-9, L-10
SHEET OF 17 25

8118VIST/UNIT I/UPSEREN/12-13-99

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8118VIST/UNIT1/UP82/12-13-99

NOTES

1. ALL STATIONING IS CENTERLINE STATIONING.
2. ALL FIRE HYDRANTS 4' BURY UNLESS OTHERWISE SPECIFIED.

LEGEND

- DOUBLE WATER SERVICE
- SANITARY SEWER SERVICE
- MANHOLE
- FLOW
- WATER GATE VALVE
- TEE (WATER CONNECTION)
- FIRE HYDRANT
- 8" CAP (WATER)
- EXISTING WATER GATE VALVE

SANITARY SEWER SERVICES

BLOCK	LOT	STATION AT PL	INV. ELEV. AT PL	LENGTH AT PL
6	19	17+48.50	84.8	18.33'RT.
6	20	16+97.50	84.9	18.50'RT.
6	21	16+56.50	85.0	18.96'RT.
6	22	16+15.52	85.1	19.21'RT.
6	23	15+74.50	85.2	19.46'RT.
6	24	15+33.50	85.3	19.72'RT.
6	25	14+92.50	85.4	19.97'RT.
6	TRACT "A"	15+51.50	85.6	35.73'RT.
6	29	13+23.50	86.2	20.99'RT.
6	30	12+92.50	86.4	21.22'RT.
6	31	12+46.50	86.6	21.54'RT.
6	32	12+05.50	86.8	21.83'RT.
6	33	11+64.50	87.0	22.13'RT.
6	34	11+23.50	87.2	22.42'RT.
6	35	10+82.50	87.4	22.71'RT.
6	36	10+67.50	87.6	22.82'RT.

RESTRAINED JOINT LENGTH FOR BENDS, VALVES, DEAD ENDS (FT.)

PIPE SIZE	90°	45°	22.5°	11.25°	VALVE
6"	17'	7'	–	–	46'
8"	22'	9'	4'	2'	60'

LENGTH OF RESTRAINED PIPE ON EACH SIDE OF THE BEND. RESTRAIN BRANCH AT FITTING ONLY MINIMUM ATTACHED PIPE LENGTH, RUN SIDE OF TEE: 10.00 FEET.

RESTRAINED JOINT LENGTH FOR TEES (FT.)

PIPE SIZE	RUN	BRANCH
8"x8"x8"	13'	3'
8"x8"x6"	7'	5'
6"x6"x6"	10'	2'

AS BUILT INFORMATION
CONTRACTOR HYDRO SYSTEMS DATE 12
STAKED BY AUS DATE
INSPECTOR'S FIELD VERIFICATION BY AUS DATE 12
DRAWING CORRECTED BY AUS DATE 1/98
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS
CITY OF ALBUQUERQUE ACS MONUMENT "8-19"
NEW MEXICO STATE PLANE COORDINATES (CENTRAL ZONE) NAD 1927
X = 356,637.67, Y = 1,478,811.91, DELTA ALPHA = -0°16'31"
G -G = 0.99967955, ELEVATION = 5101.34'

SURVEY INFORMATION
FIELD NOTES
NO. | DATE | BY

ENGINEER'S SEAL
JAMES D. HUGHES 11574 NEW MEXICO REGISTERED PROFESSIONAL ENGINEER
1-5-00

NO.	DATE	REMARKS / REVISIONS	BY
		DESIGN	JDH
		DESIGNED BY	JDH
		DRAWN BY	KJS
		CHECKED BY	DMG
		DATE	11/98
		DATE	11/98
		DATE	11/98

dmg MARK GOODWIN & ASSOCIATES, P.A.
CONSULTING ENGINEERS
P.O. BOX 90606
ALBUQUERQUE, NEW MEXICO 87199
(505) 828-2200, FAX (505) 797-9539

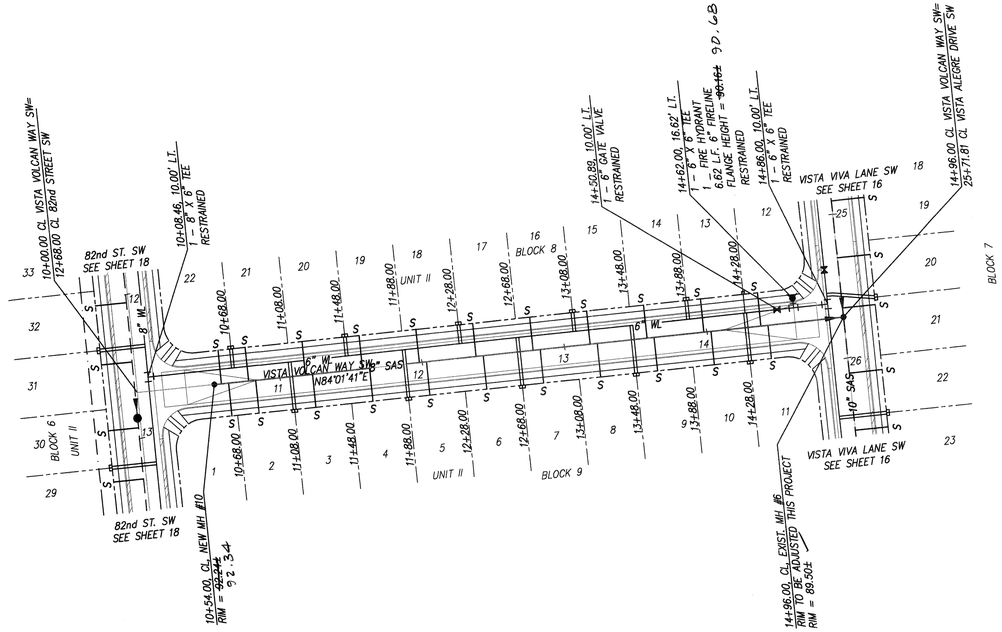
CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE: VISTA SANDIA SUBDIVISION UNIT II
82nd STREET SW
UTILITY IMPROVMENTS

DESIGN REVIEW COMMITTEE: APPROVED FEB 29 2000 DESIGN REVIEW COMMITTEE
CITY ENGINEER APPROVAL
LAST DESIGN UPDATE | MO./DAY/YR. | MO./DAY/YR.

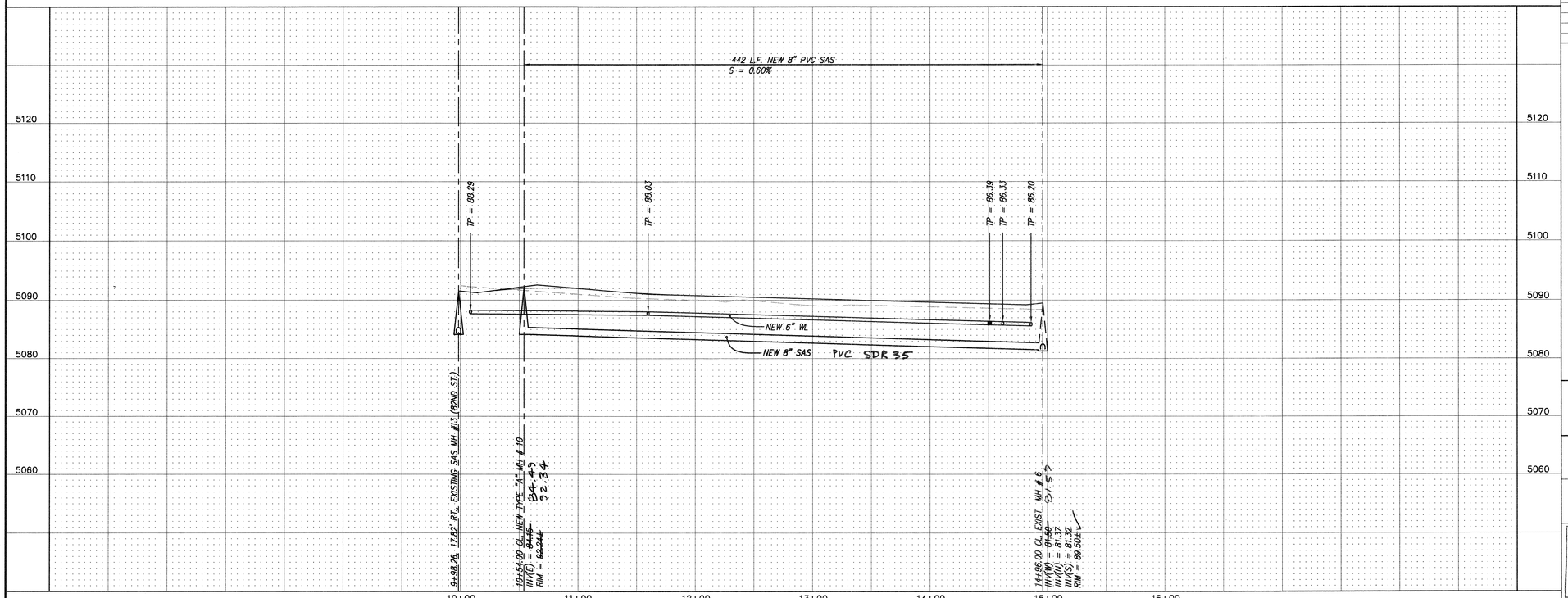
CITY PROJECT NO. 6071.82
ZONE MAP NO. L-9,L-10
SHEET OF 18 25

F:\DATA\DWGS\96.009S\8118V1ST\UNIT2\UP82.dwg Thu Dec 30 09:52:19 1999 PLOTTED BY KJS



VISTA VOLCAN WAY SW
STA. 21+00.00 TO STA. 14+96.00

HORIZ. 1" = 50'
VERT. 1" = 10'



8118VIST/8118utl3/12-13-99

NOTES

1. ALL STATIONING IS CENTERLINE STATIONING.
2. ALL FIRE HYDRANTS ARE 4' BURY UNLESS OTHERWISE SPECIFIED.

LEGEND

- DOUBLE WATER SERVICE
- SANITARY SEWER SERVICE
- MANHOLE
- FLOW
- WATER GATE VALVE
- TEE (WATER CONNECTION)
- FIRE HYDRANT

SANITARY SEWER SERVICES

BLOCK	LOT	STATION AT PL	INV. ELEV. AT PL	LENGTH AT PL
9	1	10+64.00	86.6	23'RT.
9	2	10+83.00	86.7	23'RT.
9	3	11+23.00	86.6	23'RT.
9	4	11.63.00	86.1	23'RT.
9	5	12+03.00	85.6	23'RT.
9	6	12+43.00	85.4	23'RT.
9	7	12+83.00	85.2	23'RT.
9	8	13+23.00	85.0	23'RT.
9	9	13+63.00	84.8	23'RT.
9	10	14+03.00	84.6	23'RT.
9	11	14+43.00	84.4	23'RT.
8	12	14+38.00	84.4	23'LT.
8	13	13+98.00	84.6	23'LT.
8	14	13+5800	84.8	23'LT.
8	15	13+18.00	85.0	23'LT.
8	16	12+78.00	85.2	23'LT.
8	17	12+38.00	85.4	23'LT.
8	18	11+9800	85.6	23'LT.
8	19	11+58.00	86.1	23'LT.
8	20	11+18.00	86.6	23'LT.
8	21	10+78.00	86.7	23'LT.
8	22	10+59.00	86.6	23'LT.

RESTRAINED JOINT LENGTH FOR BENDS, VALVES, DEAD ENDS (FT.)

PIPE SIZE	90°	45°	22.5°	11.25°	VALVE
6"	17'	7'	–	–	46'
8"	22'	9'	4'	2'	60'

LENGTH OF RESTRAINED PIPE ON EACH SIDE OF THE BEND. RESTRAIN BRANCH AT FITTING ONLY MINIMUM ATTACHED PIPE LENGTH, RUN SIDE OF TEE: 10.00 FEET.

RESTRAINED JOINT LENGTH FOR TEES (FT.)

PIPE SIZE	RUN	BRANCH
8"x8"x8"	13'	3'
8"x8"x6"	7'	5'
6"x6"x6"	10'	2'

MARK GOODWIN & ASSOCIATES, P.A.
CONSULTING ENGINEERS
P.O. BOX 90606
ALBUQUERQUE, NEW MEXICO 87199
(505) 828-2200, FAX (505) 797-9539

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE: VISTA SANDIA SUBDIVISION UNIT II
VISTA VOLCAN WAY SW
UTILITY IMPROVMENTS

DESIGN REVIEW COMMITTEE — APPROVED FEB 29 2000 — DESIGN REVIEW COMMITTEE

CITY ENGINEER APPROVAL

LAST DESIGN UPDATE	MO./DAY/YR.	MO./DAY/YR.

CITY PROJECT NO. 6071.82 | ZONE MAP NO. L-9, L-10 | SHEET 19 OF 25

AS BUILT INFORMATION
CONTRACTOR HYDRO SYSTEMS DATE 12-00
WORK STAKED BY ALS DATE 12-00
ACCEPTANCE INSPECTION BY DATE
FIELD VERIFICATION BY ALS DATE 12-00
DRAWINGS CORRECTED BY ALS DATE 12-00
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

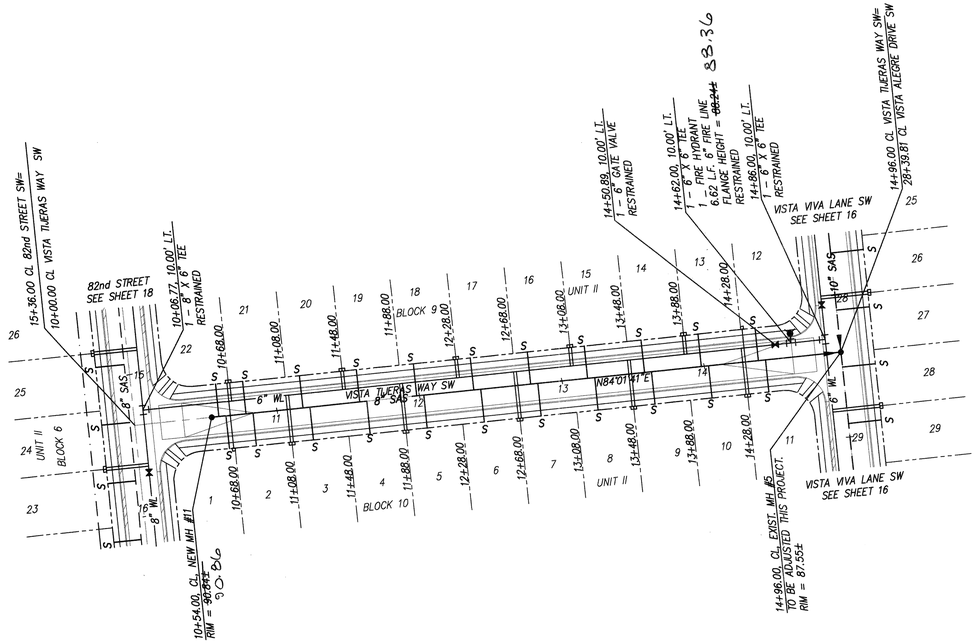
BENCH MARKS
CITY OF ALBUQUERQUE ACS MONUMENT "8-L9"
NEW MEXICO STATE PLANE COORDINATES (CENTRAL ZONE) NAD 1927
X = 356,637.67, Y = 1,478,811.91, DELTA ALPHA = -0°16'31"
G -G = 0.99967955, ELEVATION = 5101.34'

SURVEY INFORMATION
FIELD NOTES
NO. BY DATE

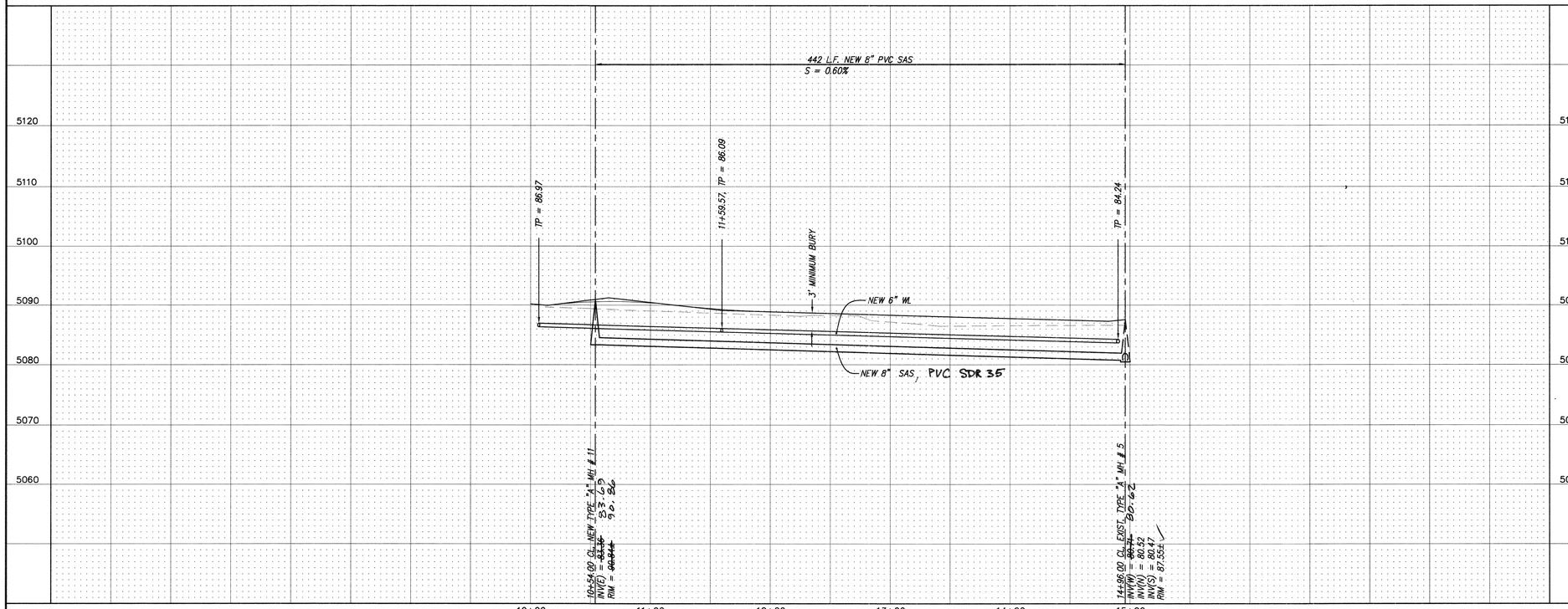
ENGINEER'S SEAL
DAVID K. KOSS
NEW MEXICO
16174
REGISTERED PROFESSIONAL ENGINEER
12-5-00

NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	IDH
		DESIGNED BY	IDH
		DRAWN BY	MJB, WLV
		CHECKED BY	DMG
		DATE	12-98

F:\DATA\DWGS\BJOBS\8118VIST\UNIT2\8118utl3.dwg Thu Dec 30 09:03:12 1999 PLOTTED BY KJS



VISTA TIJERAS WAY SW
STA. 10+00.00 TO STA. 14+96.00
SCALE: HORZ. 1" = 50'
VERT. 1" = 10'



8118VIST/8118UTL4/12-13-99

NOTES

1. ALL STATIONING IS CENTERLINE STATIONING.
2. ALL FIRE HYDRANTS SHALL BE 4' BURY UNLESS OTHERWISE SPECIFIED.

LEGEND

- DOUBLE WATER SERVICE
- SANITARY SEWER SERVICE
- MANHOLE
- FLOW
- WATER GATE VALVE
- TEE (WATER CONNECTION)
- FIRE HYDRANT

SANITARY SEWER SERVICES

BLOCK	LOT	STATION AT PL	INV. ELEV. AT PL	LENGTH AT PL
10	1	10+64.00	84.5	23'RT.
10	2	10+83.00	84.5	23'RT.
10	3	11+23.00	84.5	23'RT.
10	4	11.63.00	84.1	23'RT.
10	5	12+03.00	83.7	23'RT.
10	6	12+43.00	83.5	23'RT.
10	7	12+83.00	83.3	23'RT.
10	8	13+23.00	83.1	23'RT.
10	9	13+63.00	82.9	23'RT.
10	10	14+03.00	82.7	23'RT.
10	11	14+43.00	82.5	23'RT.
9	12	14+38.00	82.5	23'LT.
9	13	13+98.00	82.7	23'LT.
9	14	13+58.00	82.9	23'LT.
9	15	13+18.00	83.1	23'LT.
9	16	12+78.00	83.3	23'LT.
9	17	12+38.00	83.5	23'LT.
9	18	11+98.00	83.7	23'LT.
9	19	11+58.00	84.1	23'LT.
9	20	11+18.00	84.5	23'LT.
9	21	10+78.00	84.5	23'LT.
9	22	10+59.00	84.5	23'LT.

RESTRAINED JOINT LENGTH FOR BENDS, VALVES, DEAD ENDS (FT.)

PIPE SIZE	90°	45°	22.5°	11.25°	VALVE
6"	17'	7'	–	–	46'
8"	22'	9'	4'	2'	60'

LENGTH OF RESTRAINED PIPE ON EACH SIDE OF THE BEND. RESTRAIN BRANCH AT FITTING ONLY MINIMUM ATTACHED PIPE LENGTH, RUN SIDE OF TEE: 10.00 FEET.

RESTRAINED JOINT LENGTH FOR TEES (FT.)

PIPE SIZE	RUN	BRANCH
8"x8"x8"	13'	3'
8"x8"x6"	7'	5'
6"x6"x6"	10'	2'

AS BUILT INFORMATION
CONTRACTOR HYDRO SYSTEMS DATE 00
WORK STAKED BY ALS
INSPECTOR'S ACCEPTANCE BY DATE
FIELD VERIFICATION BY ALS DATE 00
MAP MARKING CORRECTED BY ALS DATE 12-98
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS
CITY OF ALBUQUERQUE ACS MONUMENT "8-L9"
NEW MEXICO STATE PLANE COORDINATES (CENTRAL ZONE) NAD 1927
X = 356,637.67, Y = 1,478,811.91, DELTA ALPHA + -0°16'31"
G -G = 0.99967955, ELEVATION = 5101.34'

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL
JAMES D. HUGHES 11674 NEW MEXICO REGISTERED PROFESSIONAL ENGINEER
1-5-00

NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	JDH 12-98
		DESIGNED BY	
		DRAWN BY	MJR, WLV 12-98
		CHECKED BY	DMG

dmg MARK GOODWIN & ASSOCIATES, P.A.
CONSULTING ENGINEERS
P.O. BOX 90606
ALBUQUERQUE, NEW MEXICO 87199
(505) 828-2200, FAX (505) 797-9539

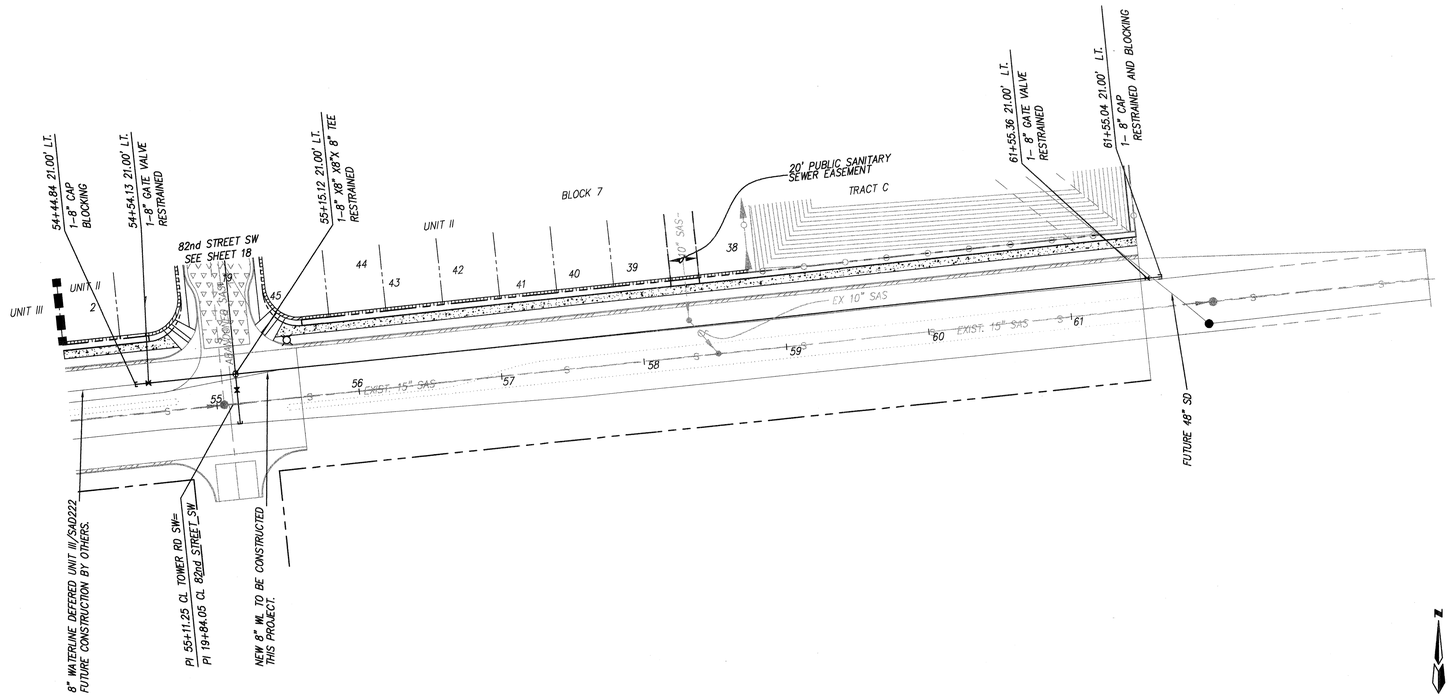
CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE: VISTA SANDIA SUBDIVISION UNIT II
VISTA TIJERAS WAY SW
UTILITY IMPROVMENTS

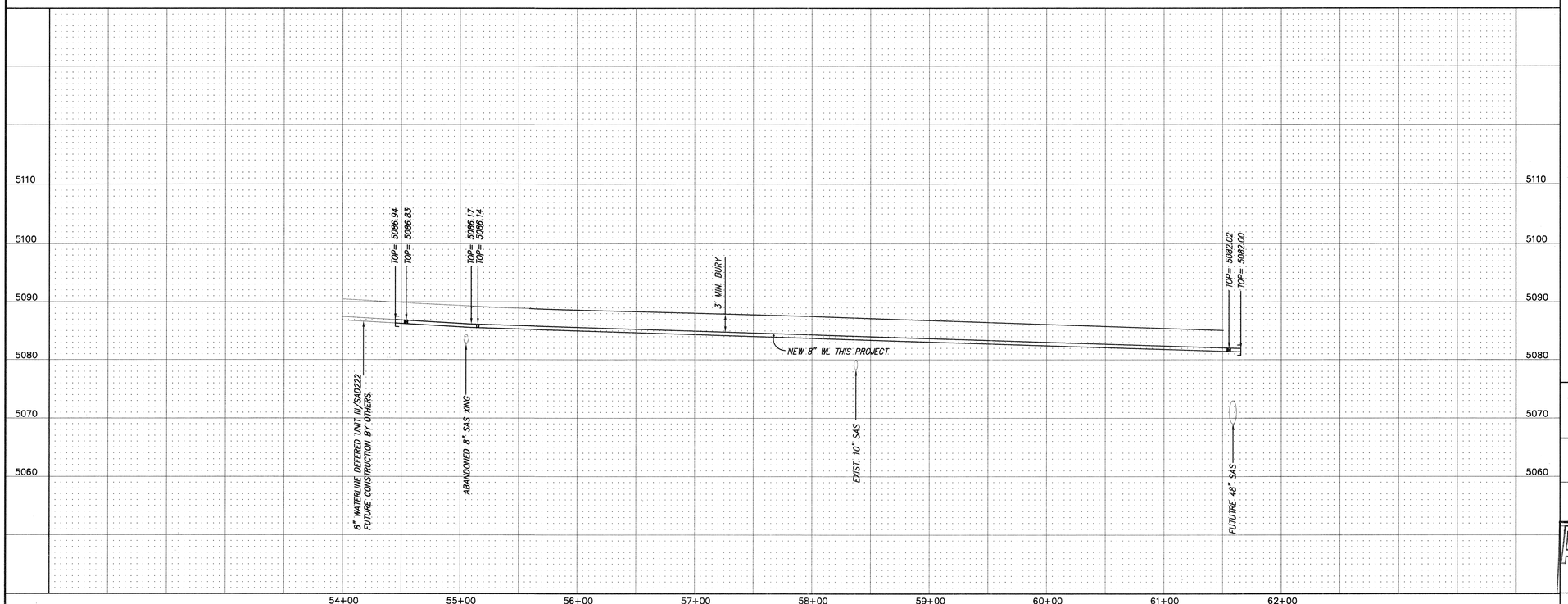
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CITY ENGINEER APPROVAL
LAST DESIGN UPDATE — MO./DAY/YR.
MO./DAY/YR.

CITY PROJECT NO. 6071.82
ZONE MAP NO. L-9, L-10
SHEET 20 OF 25

F:\DATA\DWGS\98JOBS\8118VIST\UNIT2\8118utl4.dwg Thu Dec 30 09:03:43 1999 PLOTTED BY KJS



TOWER ROAD SW
STA. 54+44.84 TO STA. 61+55.04
SCALE: HORZ. 1" = 50'
VERT. 1" = 10'



8118VIST/UPTOW/12/13/99

NOTES

1. ALL STATIONING IS CENTERLINE STATIONING.

RESTRAINED JOINT LENGTH FOR BENDS, VALVES, DEAD ENDS (FT.)					
PIPE SIZE	90°	45°	22.5°	11.25°	VALVE
8"	–	–	–	–	60'

LENGTH OF RESTRAINED PIPE ON EACH SIDE OF THE BEND. RESTRAIN BRANCH AT FITTING ONLY MINIMUM ATTACHED PIPE LENGTH, RUN SIDE OF TEE: 10.00 FEET.

RESTRAINED JOINT LENGTH FOR TEES (FT.)		
PIPE SIZE	RUN	BRANCH
8" X 8" X8"	13'	3'

AS BUILT INFORMATION
CONTRACTOR HYDRO SYSTEMS DATE 10
WORK STAKED BY ALS DATE
INSPECTED BY ALS DATE 10/8
ACCEPTANCE BY
FIELD VERIFICATION BY ALS DATE 10/8
DRAWINGS CORRECTED BY ALS DATE 10/8

BENCH MARKS
CITY OF ALBUQUERQUE ACS MONUMENT "8-J.9"
NEW MEXICO STATE PLANE COORDINATES (CENTRAL ZONE) NAD 1927
X = 356,637.87, Y = 1,478,811.91, DELTA ALPHA + -0°16'31"
G -G = 0.99967955, ELEVATION = 5101.34'

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL
JAMES D. HUGHES 11674 NEW MEXICO REGISTERED PROFESSIONAL ENGINEER

NO.	DATE	REMARKS	BY

REVISIONS
DESIGN

dmg MARK GOODWIN & ASSOCIATES, P.A.
CONSULTING ENGINEERS
P.O. BOX 90606
ALBUQUERQUE, NEW MEXICO 87199
(505) 828-2200, FAX (505) 797-9539

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

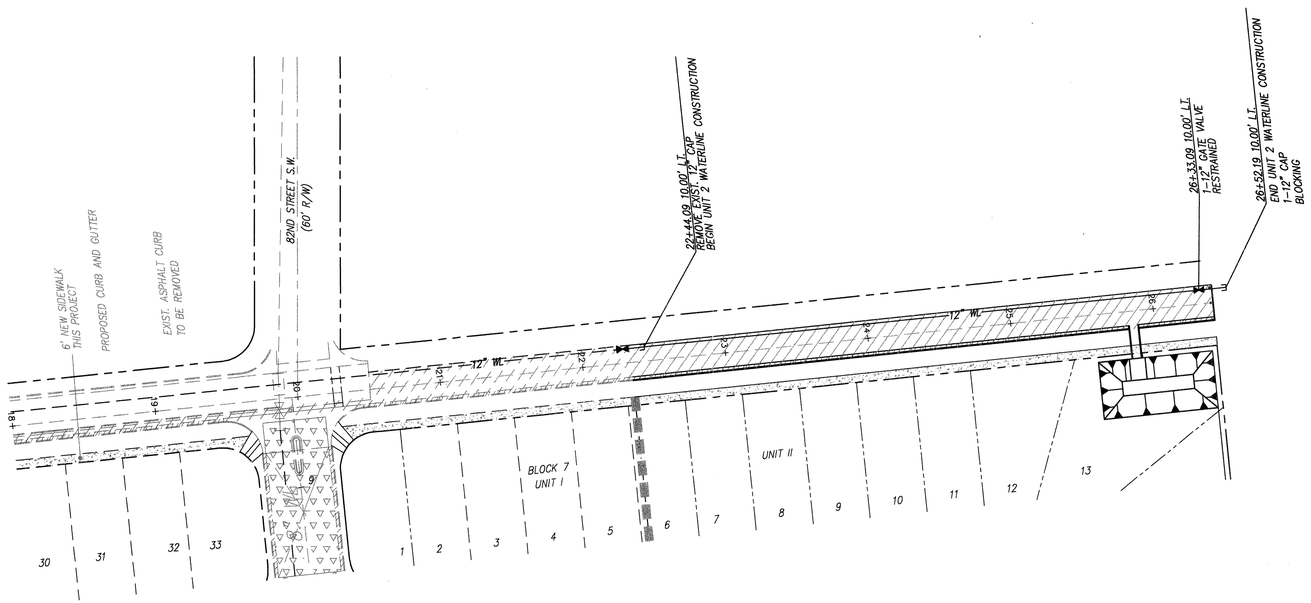
TITLE: VISTA SNDIA SUBDIVISION UNIT II
TOWER ROAD SW
UTILITY IMPROVEMENTS

APPROVED
DESIGN REVIEW COMMITTEE
FEB 29 2000

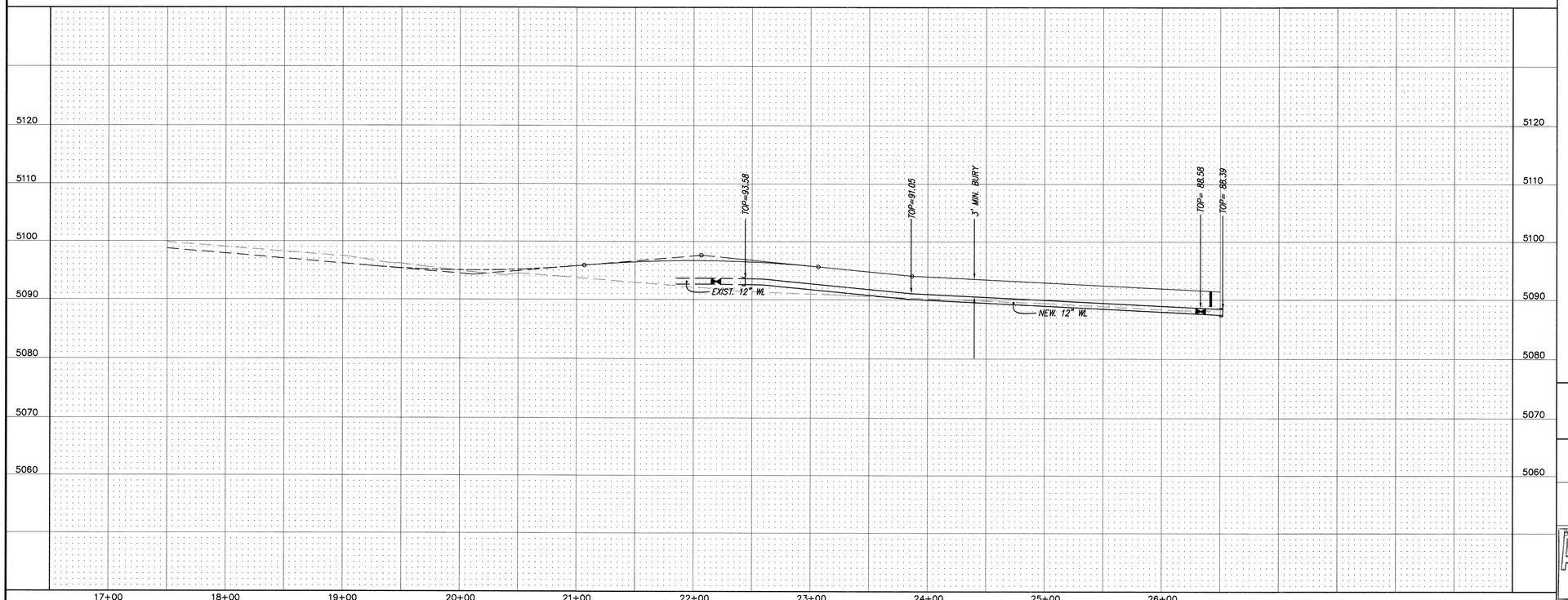
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CITY PROJECT NO. 6071.82 | ZONE MAP NO. L9, L10 | SHEET 21

F:\DATA\DWGS\98\08S\8118VIST\UNIT2\uptow.dwg Thu Dec 30 11:02:58 1999 PLOTTED BY KJS



EUCARIZ AVE. S.E.
STA. 18+00.00 TO STA. 27+00.00
SCALE: HORZ. 1" = 50'
VERT. 1" = 10'



8118/8118Upe2/01-28-00

NOTES

1. ALL STATIONING IS CENTERLINE STATIONING.

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE

AS BUILT INFORMATION
CONTRACTOR HOMO SYSTEMS DATE 12-98
WORK STAKED BY ALS DATE 12-98
INSPECTOR'S ACCEPTANCE BY ALS DATE 12-98
VERIFICATION BY ALS DATE 12-98
FIELD MARK CORRECTED BY ALS DATE 12-98
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS
CITY OF ALBUQUERQUE ACS MONUMENT "8-19"
NEW MEXICO STATE PLANE COORDINATES (CENTRAL ZONE) NAD 1927
X = 356,637.67, Y = 1,478,811.91, DELTA ALPHA + -0°16'31"
G -G = 0.99967955, ELEVATION = 5101.34'

ENGINEER'S SEAL
JAMES D. HUGHES
NEW MEXICO 11674
REGISTERED PROFESSIONAL ENGINEER
12-98

NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	

DESIGNED BY JDH DATE 12-98
DRAWN BY KJS, WLV DATE 12-98
CHECKED BY DMG DATE

dmg MARK GOODWIN & ASSOCIATES, P.A.
CONSULTING ENGINEERS
P.O. BOX 90606
ALBUQUERQUE, NEW MEXICO 87199
(505) 828-2200, FAX (505) 797-9539

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE: VISTA SANDIA SUBDIVISION UNIT II
EUCARIZ AVE SW
UTILITY IMPROVMENTS

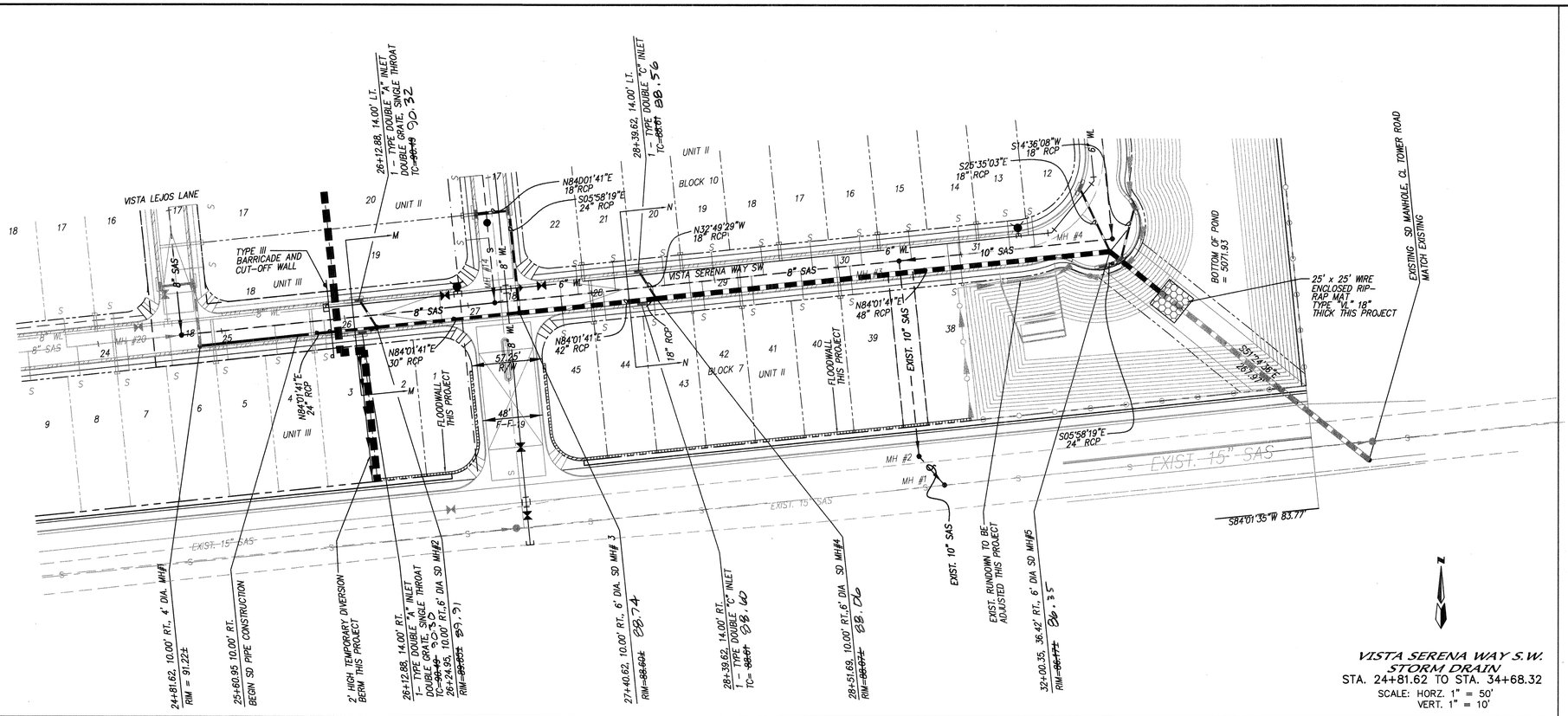
DESIGN REVIEW COMMITTEE: APPROVED FEB 29 2000 DESIGN REVIEW COMMITTEE
CITY ENGINEER APPROVAL
LAST DESIGN UPDATE: MO./DAY/YR. MO./DAY/YR.

CITY PROJECT NO. 6071.82
ZONE MAP NO. L-9,L-10
SHEET OF 21A 25

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NOTES

1. ALL STATIONING IS CENTERLINE STATIONING.



VISTA SERENA WAY S.W. STORM DRAIN

STA. 24+81.62 TO STA. 34+68.32

SCALE: HORZ. 1" = 50'
VERT. 1" = 10'

8118vis/8118sd1/12-13-99

AS BUILT INFORMATION

CONTRACTOR HYDRO SYSTEMS
WORK STAKED BY ALS DATE 00
UNDERGROUND UTILITIES ACCEPTANCE BY DATE
FIELD VERIFICATION BY ALS DATE 00
DRAWINGS CORRECTED BY ALS DATE 10/00
RECORDED BY DATE
NO.

BENCH MARKS

CITY OF ALBUQUERQUE ACS MONUMENT "9-I9"
NEW MEXICO STATE PLANE COORDINATES (CENTRAL ZONE) NAD 1927
X = 356,637.67, Y = 1,478,811.91, DELTA ALPHA + -0°16'37"
G -G = 0.99967955, ELEVATION = 5101.34'

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL

JAMES D. HUGHES NEW MEXICO 11607 REGISTERED PROFESSIONAL ENGINEER
1-5-00

NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	
	DATE	12-98	
	DESIGNED BY	JDH	
	DRAWN BY	MJR	
	CHECKED BY	DMG	

dmg MARK GOODWIN & ASSOCIATES, P.A.
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P.O. BOX 90606
ALBUQUERQUE, NEW MEXICO 87199
(505) 828-2200, FAX (505) 797-9539

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE: VISTA SANDIA SUBDIVISION UNIT II
VISTA SERENA RD. SW
STORM DRAIN IMPROVEMENTS

DESIGN REVIEW COMMITTEE — APPROVED — FEB 29 2000 — DESIGN REVIEW COMMITTEE

CITY ENGINEER APPROVAL

LAST DESIGN UPDATE

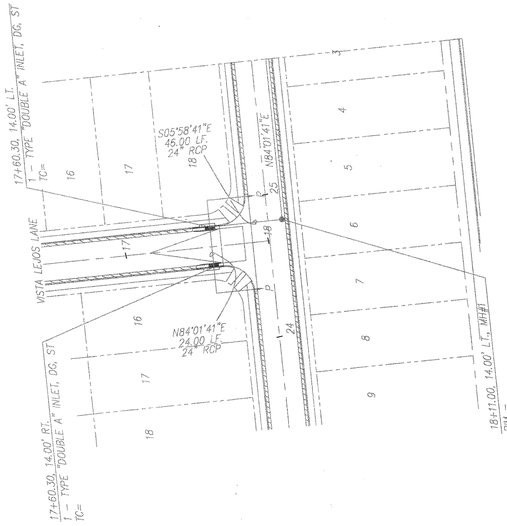
NO.	MO./DAY/YR.	NO.	MO./DAY/YR.

CITY PROJECT NO. 6071.82

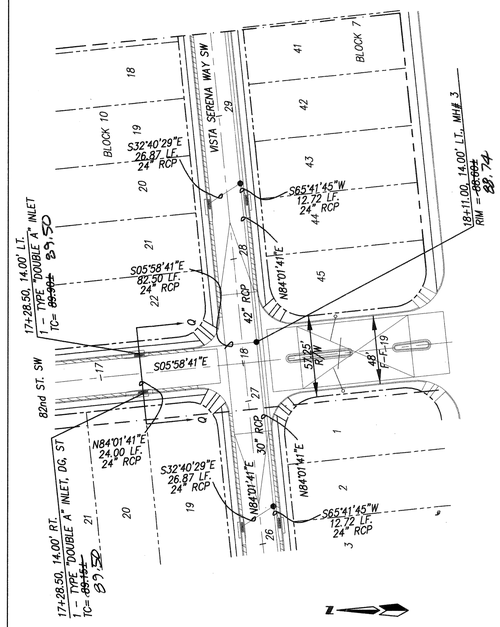
ZONE MAP NO. L-9,L-10

SHEET 22 OF 25

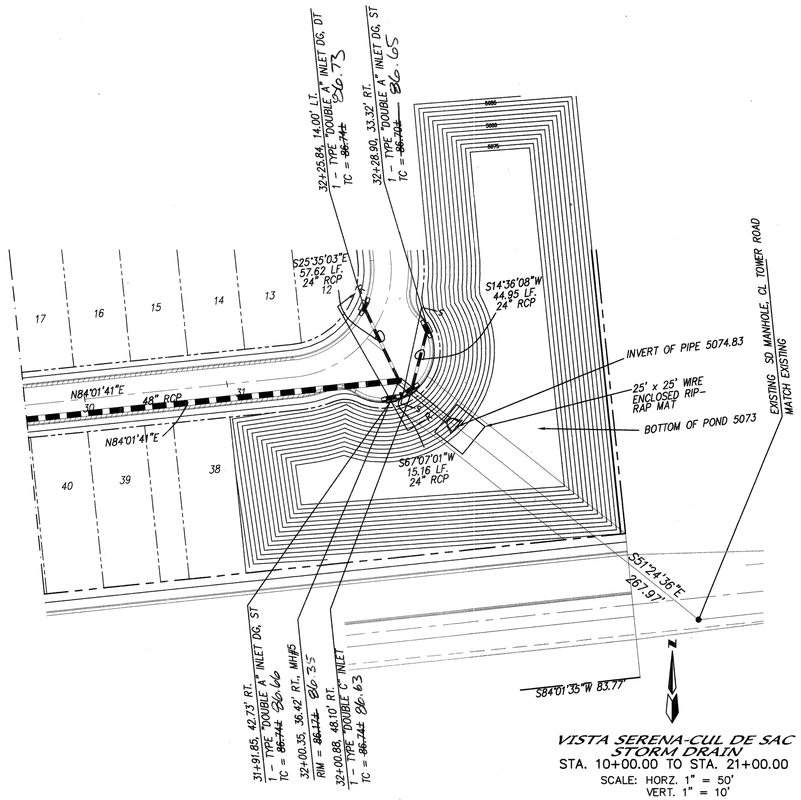
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UNIT IV CONSTRUCTION
VISTA LEJOS LANE
STORM DRAIN
STA. 17+60.30 TO STA. 18+11.00
SCALE: HORZ. 1" = 50'
VERT. 1" = 10'

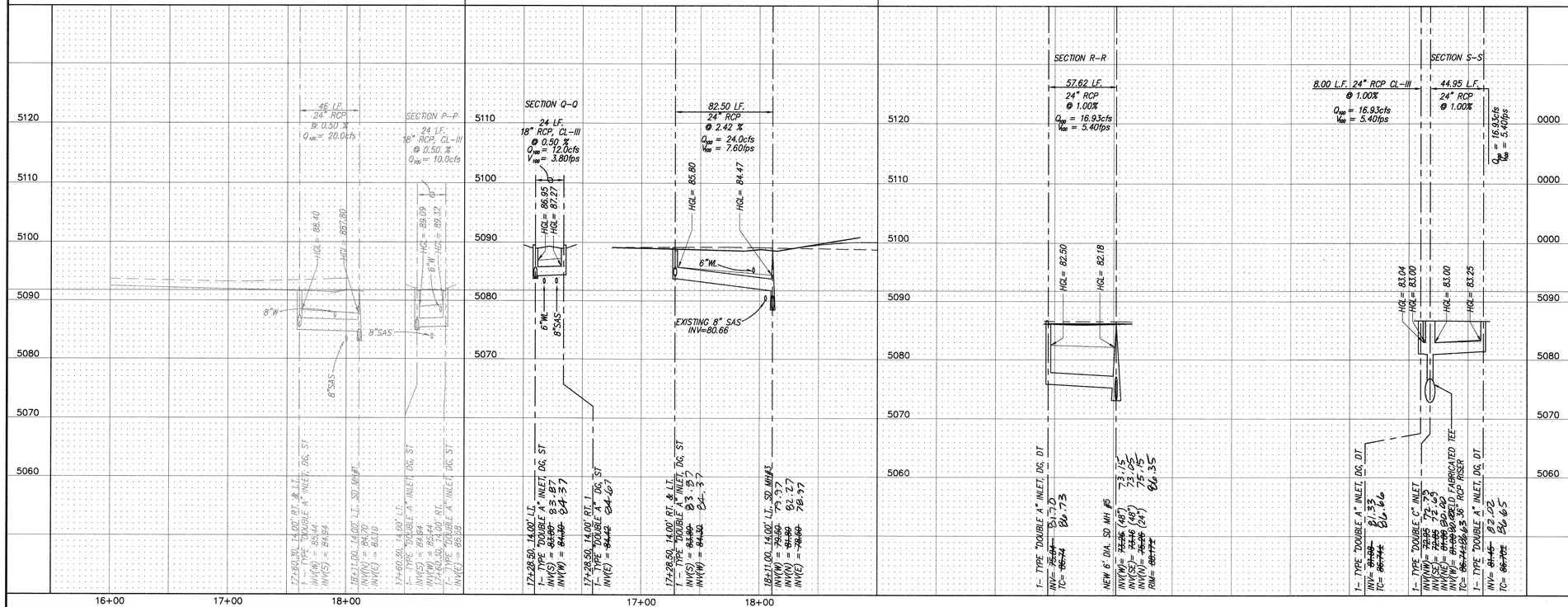


82nd STREET
STORM DRAIN
STA. 17+28.50 TO STA. 18+11.00
SCALE: HORZ. 1" = 50'
VERT. 1" = 10'



VISTA SERENA-CUL DE SAC
STORM DRAIN
STA. 10+00.00 TO STA. 21+00.00
SCALE: HORZ. 1" = 50'
VERT. 1" = 10'

NOTES



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CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE: VISTA SANDIA UNIT II
STORM DRAIN IMPROVEMENTS

DESIGN REVIEW COMMITTEE: APPROVED FEB 29 2000 DESIGN REVIEW COMMITTEE

CITY ENGINEER APPROVAL

LAST DESIGN UPDATE	MO./DAY/YR.	MO./DAY/YR.

CITY PROJECT NO. 6071.82 | ZONE MAP NO. L-9,L-10 | SHEET 23 OF 25

8118vis/8118sd2/12-18-99

AS BUILT INFORMATION

CONTRACTOR HYDRO SYSTEMS DATE 2-00
WORK STAKED BY ALS DATE
INSPECTOR'S ACCEPTANCE BY DATE
FIELD VERIFICATION BY ALS DATE 12-00
DRAWING CORRECTED BY ALS DATE 1-00
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS
CITY OF ALBUQUERQUE ACS MONUMENT "8-L9"
NEW MEXICO STATE PLANE COORDINATES (CENTRAL ZONE) NAD 1927
X = 356,637.67, Y = 1,478,811.91, DELTA ALPHA + -0°16'31"
G -C = 0.999967955, ELEVATION = 5101.34'

SURVEY INFORMATION
FIELD NOTES
NO. BY DATE

ENGINEER'S SEAL
NEW MEXICO 11674 REGISTERED PROFESSIONAL ENGINEER
1-5-00

NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	DATE 12-98
		DESIGNED BY JDH	DATE 12-98
		DRAWN BY MJR	DATE 12-98
		CHECKED BY DMG	DATE

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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. (2)

19. 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.

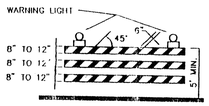
23. FAILURE TO COMPLY WITH ANY OF THE ABOVE MENTIONED, WILL BE ADEQUATE CAUSE TO CEASE ALL WORK ON ANY CONSTRUCTION PROJECT. WORK WILL NOT RESUME UNTIL ALL REQUIREMENTS ARE ADDRESSED AND APPROVED BY CONSTRUCTION COORDINATION.

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

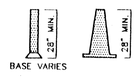
25. TRAFFIC CONTROL STANDARDS APPLY ONLY WHERE THE CONSTRUCTION TRAFFIC CONTROL PLANS ARE NOT SPECIFIC.

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)

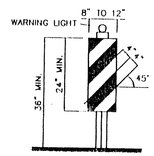
27. CONTRACTOR SHALL MAINTAIN A GRAFFITI-FREE WORKSITE. ALL GRAFFITI SHALL BE PROMPTLY REMOVED FROM ALL EQUIPMENT, BOTH PERMANENT AND TEMPORARY. (4)



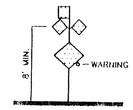
TYPE III BARRICADE



CONES



VERTICAL PANEL

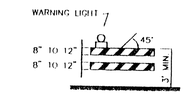


HIGH LEVEL WARNING DEVICE

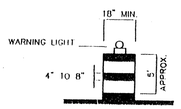
LEGEND

- 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

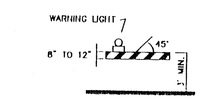
THE TANGENT LENGTH IS EQUAL TO THE TAPER LENGTH FOR A GIVEN STREET.



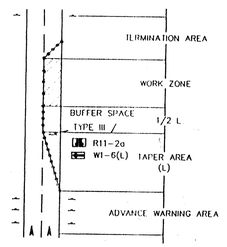
TYPE II BARRICADE
COLLAPSIBLE



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

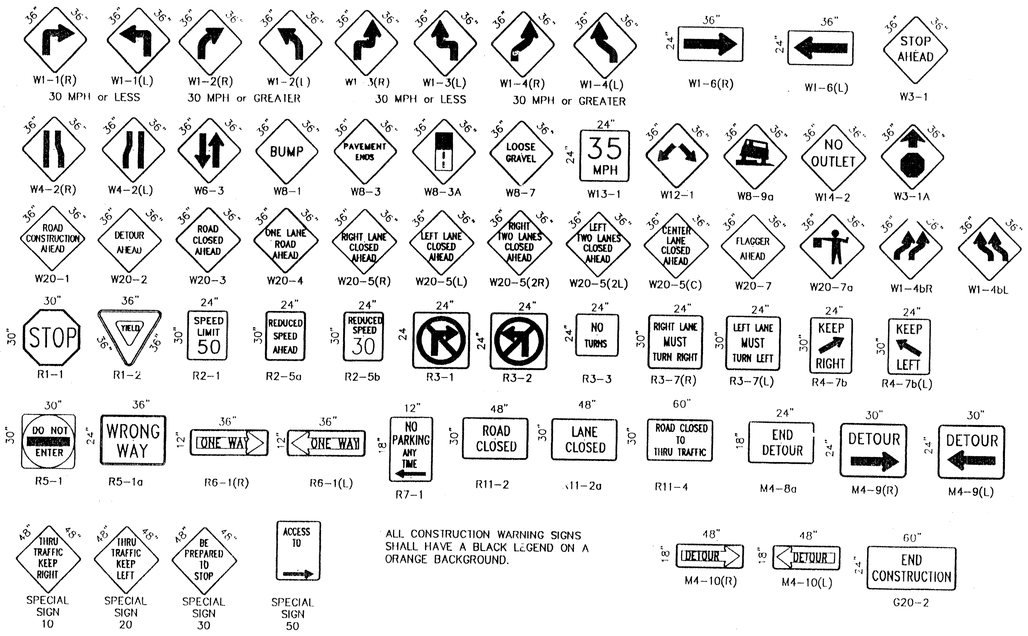
TYPE OF TAPER	TAPER LENGTH
UPSTREAM TAPER:	
MERGING TAPER	L MINIMUM
SHIFTING TAPER	1/2 L MINIMUM
SHOULDER TAPER	1/2 L MINIMUM
TWO-WAY TRAFFIC TAPER	100 FEET MAXIMUM
DOWNSTREAM TAPERS	100 FEET PER LANE

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.

AS BUILT INFORMATION
CONTRACTOR HIGH SYSTEMS INC DATE 2/2
WORK INSPECTOR'S ACCEPTANCE BY A.L.S DATE 2/2
VERIFICATION BY A.L.S DATE 2/2
CORRECTED BY A.L.S DATE 2/2
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS

SURVEY INFORMATION
FIELD NOTES BY DATE
NO.

ENGINEER'S SEAL
RICHARD B. BRUMMETT NEW MEXICO 9233 PROFESSIONAL ENGINEER
Richard B. Brummett

NO.	DATE	REMARKS	BY
1	5/25/97	ADD NOTE NO. 27	J.D.L.
2	9/24/97	REVISED NOTE NO. 26	J.D.L.
3	9/24/97	REVISED NOTE NO. 19	J.D.L.
4	9/24/97	REVISED NOTE NO. 11	J.D.L.

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

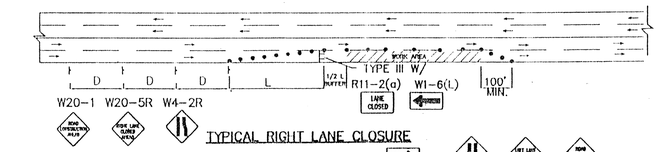
CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE: VISTA SANDIA SUBDIVISION Unit I
SIGNING AND CONSTRUCTION TRAFFIC CONTROL STANDARDS

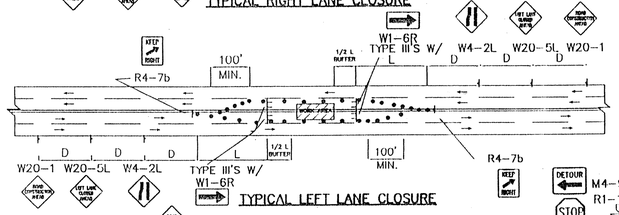
DESIGN REVIEW COMMITEE	CITY ENGINEER APPROVAL	LAST UPDATE	MO./DA./YR.	MO./DA./YR.
COA Standard				

PROJECT NO. 6071.82 | MAP NO. L9,L10 | SHEET 24 OF 25

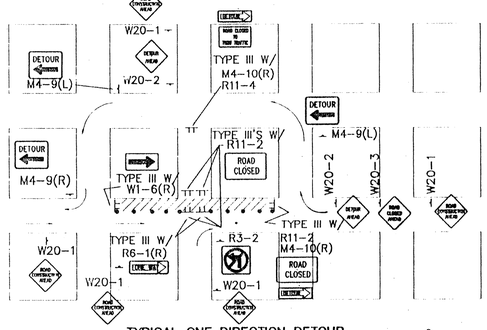
C:\DESIGN01.DWG



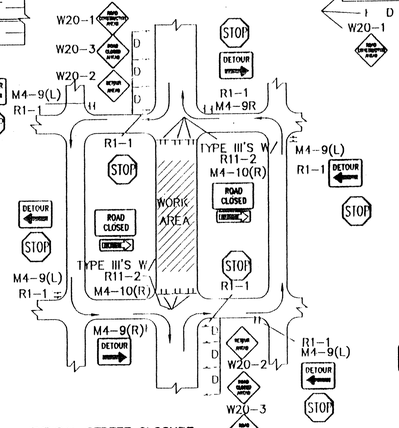
TYPICAL RIGHT LANE CLOSURE



TYPICAL LEFT LANE CLOSURE

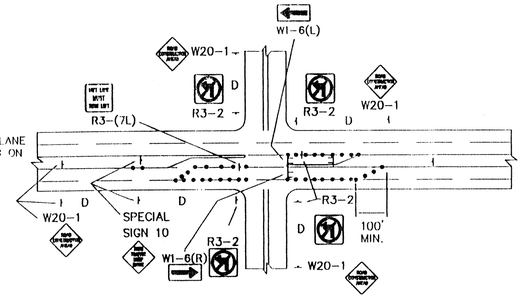


TYPICAL ONE DIRECTION DETOUR



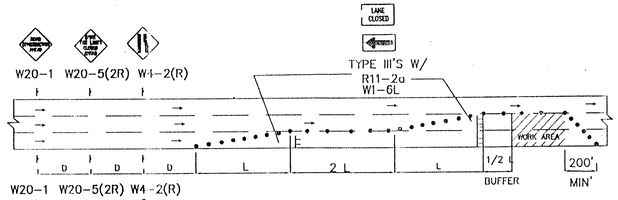
TYPICAL STREET CLOSURE

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

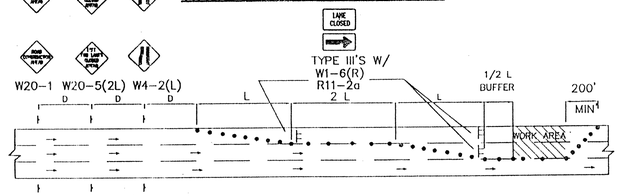


TYPICAL LANE CLOSURE AT INTERSECTION

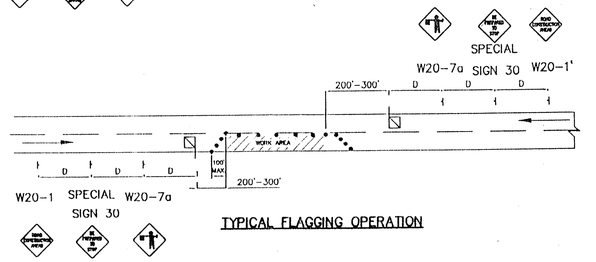
NOTE: DEPENDING ON WORK ZONE LOCATION



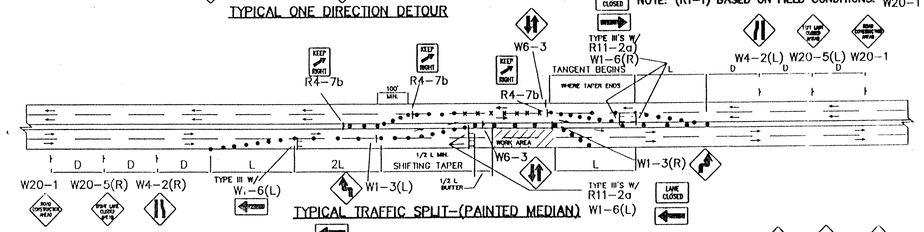
TYPICAL DOUBLE RIGHT LANE CLOSURE



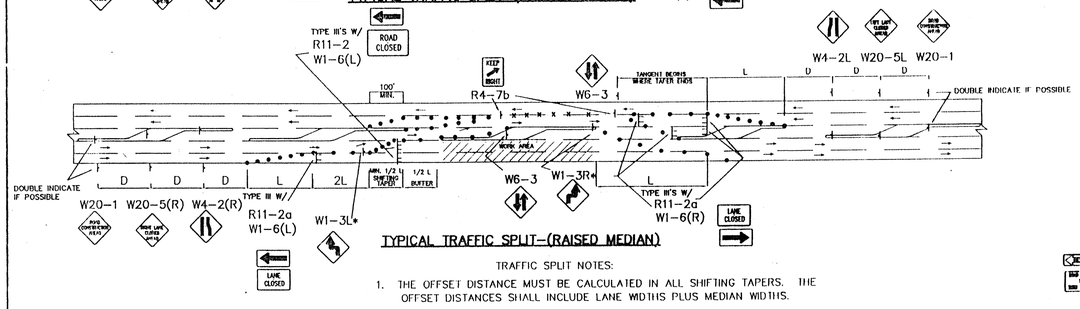
TYPICAL DOUBLE LEFT LANE CLOSURE



TYPICAL FLAGGING OPERATION



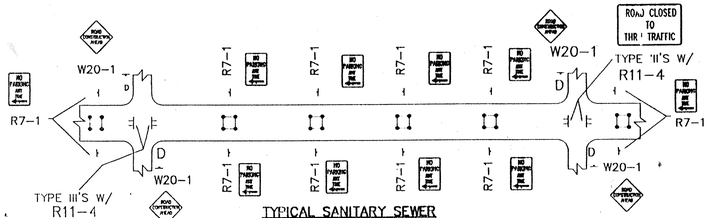
TYPICAL TRAFFIC SPLIT-(PAINTED MEDIAN)



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.



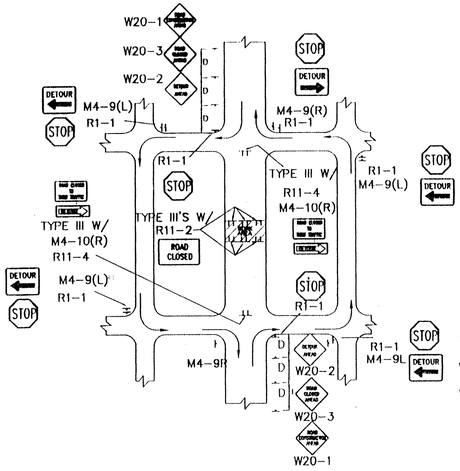
TYPICAL SANITARY SEWER SLIPLINING OPERATION

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

GENERAL NOTE:

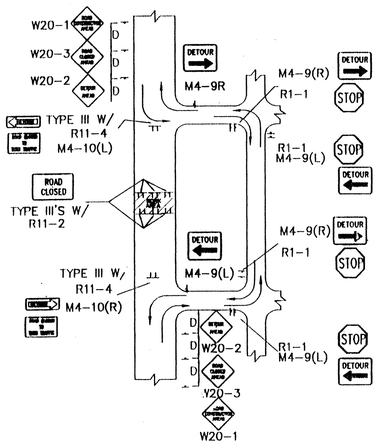
ALL CONSTRUCTION WARNING SIGNS SHALL HAVE A BLACK LEGEND ON A ORANGE BACKGROUND.

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. ⚠



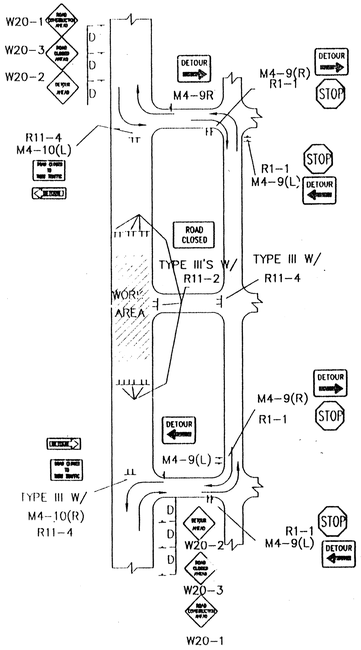
TYPICAL MID-BLOCK CLOSURE

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



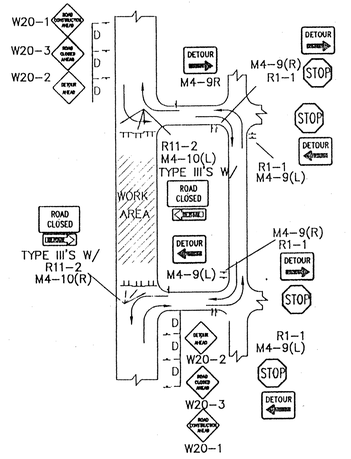
TYPICAL STREET CLOSURE

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



TYPICAL STREET CLOSURE

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



TYPICAL STREET CLOSURE

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

AS BUILT INFORMATION

CONTRACTOR HYDRO SYSTEMS DATE 00
WORK STARTED ON DATE 00
ACCEPTANCE BY DATE 00
FIELD CHECKED BY ALS DATE 00
DRAWINGS CORRECTED BY ALS DATE 00
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

SURVEY INFORMATION
BENCH MARKS
FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL

BRADLEY B. ROTHERAM
NEW MEXICO
14845
REGISTERED PROFESSIONAL ENGINEER

NO.	DATE	REVISIONS	BY
1	9/24/97	REVISED GENERAL NOTE	J.D.L.

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

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE: VISTA SANDIA SUBDIVISION Unit 1
TYPICAL TRAFFIC CONTROL & SIGNING EXAMPLES (REF. M.U.T.C.D.)

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

PROJECT NO. 6071.82 | MAP NO. L9, L10 | SHEET 25 OF 25

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