LA CUEVA OESTE

UNIT 1

Albuquerque, New Mexico

August, 1995

Prepared for:
Development Services, Ltd.
P. O. Box 30107
Albuquerque, NM 87190–0107

Prepared by:
Terry O. Brown, P.E.
P. O. Box 92051
Albuquerque, NM 87199

GENERAL NOTES:

1. ALL WORK DETAILED ON THESE PLANS TO BE PERFORMED UNDER CONTRACT SHALL, EXCEPT AS OTHERWISE STATED OR PROVIDED FOR HEREON, BE CONSTRUCTED IN ACCORDANCE WITH THE CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1986 EDITION W/UPDATE #6.

2. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE & VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL OBSTRUCTIONS. SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE ENGINEER SO THAT THE CONFLICT CAN BE RESOLVED WITH MINIMUM DELAY.

3. TWO (2) WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR SHALL CONTACT LINE LOCATING SERVICE @ 260–1990 FOR LOCATION OF EXISTING UTILITIES.

4. CONTRACTOR SHALL SUPPORT ALL EXISTING UNDERGROUND UTILITY LINES WHICH BECOME EXPOSED DURING CONSTRUCTION. PAYMENT FOR SUPPORTING WORK SHALL BE INCIDENTAL TO WATERLINE AND / OR SEWERLINE COSTS.

5. ALL STATIONING REFERS TO STREET CENTERLINE STATIONING.

6. CONTRACTOR SHALL CONDUCT OPERATIONS IN A MANNER WHICH WILL MINIMIZE INTERFERENCE WITH LOCAL TRAFFIC. CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE LAWS, ORDINANCES, RULES, REGULATIONS, AND ORDERS OF ANY PUBLIC BODY HAVING JURISDICTION FOR THE SAFETY OF PERSONS OR PROPERTY, AND TO PROTECT THEM FROM DAMAGE, INJURY, OR LOSS. CONTRACTOR SHALL ERECT AND MAINTAIN, AS REQUIRED BY THE CONDITIONS AND PROGRESS OF THE WORK, ALL NECESSARY SAFEGUARDS FOR SAFETY CONTINUOUSLY AND NOT LIMITED TO NORMAL WORKING HOURS, THROUGHOUT THE DURATION OF THE PROJECT. CONTRACTOR SHALL ADHERE TO SECTION 19 (CONSTRUCTION TRAFFIC CONTROL) OF THE GENERAL CONDITIONS OF THE CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1986 EDITION W/UPDATE #6.

7. PROPOSED WATERLINE MATERIALS SHALL BE EITHER P.V.C. PIPE MEETING AWWA C900 REQUIREMENTS (6" – 12" DIAM.) OR DUCTILE IRON PIPE, THICKNESS CLASS 50 (6" – 16" DIAM.).

8. THE CONTRACTOR AGREES THAT HE SHALL ASSUME THE SOLE AND COMPLETE RESPONSIBILITY FOR THE JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY; THAT THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS; AND THAT THE CONTRACTOR SHALL DEFEND, INDEMNIFY, AND HOLD HARMLESS THE OWNER & ENGINEER FROM ANY AND ALL LIABILITY REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF THE OWNER OR ENGINEER.

9. THREE (3) WORKING DAYS PRIOR TO BEGINNING CONSTRUCTION THE CONTRACTOR SHALL SUBMIT TO THE CONSTRUCTION CO–ORDINATION DIVISION A DETAILED CONSTRUCTION SCHEDULE. TWO (2) WORKING DAYS PRIOR TO CONSTRUCTION THE CONTRACTOR SHALL OBTAIN A BARRICADING PERMIT FROM THE CONSTRUCTION CO–ORDINATION DIVISION. CONTRACTOR SHALL NOTIFY BARRICADE ENGINEER (768–2551) PRIOR TO OCCUPYING AN INTERSECTION. SEE SECTION 19 OF THE SPECIFICATIONS. ALL STREET STRIPING ALTERED OR DESTROYED SHALL BE REPLACED IN KIND BY CONTRACTOR TO LOCATION AND IN KIND AS EXISTING OR AS INDICATED BY THIS PLAN SET.

10. CONTRACTOR SHALL PROMPTLY CLEAN UP ANY MATERIAL EXCAVATED WITHIN THE PUBLIC RIGHT–OF–WAY SO THAT THE EXCAVATED MATERIAL IS NOT SUSCEPTIBLE TO BEING WASHED DOWN THE STREET.

11. CONTRACTOR SHALL ASSIST THE ENGINEER / INSPECTOR IN THE RECORDING OF DATA ON ALL UTILITY LINES AND ACCESSORIES AS REQUIRED BY THE CITY OF ALBUQUERQUE FOR THE PREPARATION OF RECORD DRAWINGS. CONTRACTOR SHALL NOT COVER UTILITY LINES AND ACCESSORIES UNTIL ALL DATA HAS BEEN OBTAINED AND RECORDED.

12. EXISTING CURB AND GUTTER NOT CALLED OUT TO BE REMOVED UNDER THE CONTRACT WHICH IS DAMAGED OR DISPLACED BY THE CONTRACTOR SHALL BE REMOVED AND REPLACED BY THE CONTRACTOR AT HIS OWN EXPENSE.

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

14. ALL FITTINGS ON WATERLINES SHALL HAVE JOINT RESTRAINT IN ACCORDANCE WITH THE JOINT RESTRAINT LENGTHS TABLE ON SHEET 4 EXCEPT WHERE SPECIFICALLY INDICATED TO HAVE LOCKED MECHANICAL JOINTS OR CONCRETE BLOCKING.

15. THE CONTRACTOR SHALL SUPPORT AND MAINTAIN THE INTEGRITY OF ALL UTILITIES AT NO ADDITIONAL COST TO THE OWNER. ANY UTILITY RELOCATION THAT IS NECESSARY IS TO BE COORDINATED WITH THE UTILITY OWNER AND SHALL BE PAID FOR AS OUTLINED IN THE SPECIAL PROVISIONS OF THE CONTRACT DOCUMENTS.

16. THE CONTRACTOR IS RESPONSIBLE FOR PROTECTING AND MAINTAINING ALL EXISTING MONUMENTATION CONTROLS. IN THE EVENT OF INADVERTENT DESTRUCTION OR ALTERATION, THE CONTRACTOR MUST IMMEDIATELY NOTIFY THE CITY CHIEF SURVEYOR.

17. PNM (PUBLIC SERVICE CO. OF NEW MEXICO) WILL PROVIDE AT NO COST TO THE CITY OR TO THE CONTRACTOR THE REQUIRED PERSONNEL FOR INSPECTION OR OBSERVATION DEEMED NECESSARY BY PNM WHILE THE CONTRACTOR IS EXPOSING PNM'S CABLES. HOWEVER, THEN CONTRACTOR SHALL BE CHARGED THE TOTAL COST ASSOCIATED WITH REPAIRS TO ANY DAMAGES CABLES OR FOR ANY COST ASSOCIATED WITH SUPPORTING OR RELOCATING THE POLES AND CABLES DURING CONSTRUCTION.?

18. ** WARNING ** – EXISTING UTILITY LINE LOCATIONS ARE SHOWN IN APPROXIMATE MANNER ONLY, AND SUCH LINES MAY EXIST WHERE NONE ARE SHOWN. THE LOCATION OF ANY SUCH EXISTING LINES IS BASED UPON INFORMATION PROVIDED BY THE UTILITY COMPANY, THE OWNER, OR BY OTHERS, AND THE INFORMATION MAY BE INCOMPLETE OR MAY BE OBSOLETE BY THE TIME CONSTRUCTION COMMENCES.

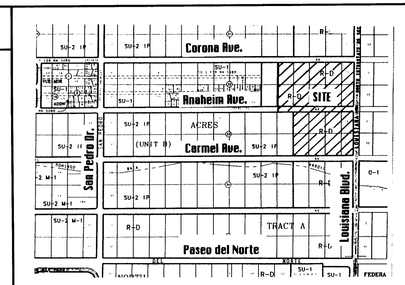
THE ENGINEER HAS UNDERTAKEN NO FIELD VERIFICATION OF THE LOCATION, DEPTH, SIZE, OR TYPE OF EXISTING UNDERGROUND UTILITY LINES, MAKES NO REPRESENTATION PERTAINING THERETO, AND ASSUMES NO RESPONSIBILITY OR LIABILITY THEREFOR. THE CONTRACTOR SHALL INFORM HIMSELF OF THE LOCATION OF ANY UTILITY LINE IN OR NEAR THE AREA OF THE WORK IN ADVANCE OF AND DURING EXCAVATION WORK. THE CONTRACTOR IS FULLY RESPONSIBLE FOR ANY AND ALL DAMAGE CAUSED BY ITS FAILURE TO LOCATE, IDENTIFY, AND PRESERVE ANY AND ALL EXISTING UTILITIES. THE CONTRACTOR SHALL COMPLY WITH STATE STATUTES, MUNICIPAL AND LOCAL ORDINANCES, RULES AND REGULATIONS PERTAINING TO THE LOCATION OF THESE LINES AND FACILITIES, IN PLANNING AND CONDUCTING EXCAVATION, WHETHER BY CALLING OR NOTIFYING THE UTILITIES, COMPLYING WITH "BLUE STAKES" PROCEDURES, OR OTHERWISE.

19. ANY CONSTRUCTION OCCURRING WITHIN AN ARTERIAL ROADWAY REQUIRES TWENTY–FOUR HOUR CONSTRUCTION.

C of A PWD Maps & Records
1 2 3 4 5 6 7 8 9 10 11 12
26-5232.90 0196

APPROVAL OF AS BUILT DRAWINGS
CHIEF CONSTRUCTION ENGINEER
DATE 7-12-96

D:\DATA\ACAD\LACUEVA\LC_CVR.DWG



VICINITY MAP C-18-Z

INDEX TO DRAWINGS

SHEET	DESCRIPTION
1	COVER SHEET
2	PLAT
2a	GRADING PLAN
3	MASTER UTILITY AND PAVING LAYOUT
4	MISCELLANEOUS TABLES
5	PAVING PLAN AND PROFILE LOUISIANA BLVD.–STA: 10+00 TO STA: 22+50
6	PAVING PLAN AND PROFILE LOUISIANA BLVD.–STA: 22+50 TO STA: 33+39.01
7	PAVING PLAN AND PROFILE CORONA AVE.–STA: 24+50 TO STA: 36+43.15
8	PAVING PLAN AND PROFILE – CARMEL AVE.
9	PAVING PLAN AND PROFILE – ANAHEIM AVE. (WEST), ANAHEIM AVE.(EAST) & WARP DR.
10	PAVING PLAN AND PROFILE – MILKY WAY DR.
11	PAVING PLAN AND PROFILE – NEPTUNE DR.
12	PAVING PLAN AND PROFILE TAURUS DR. / MARS ST.
13	PAVING PLAN AND PROFILE – VENUS ST.
14	UTILITY PLAN AND PROFILE LOUISIANA BLVD.–STA: 10+00 TO STA: 22+50
15	UTILITY PLAN AND PROFILE LOUISIANA BLVD.–STA: 22+50 TO STA: 33+39.01
16	UTILITY PLAN AND PROFILE CARMEL AVE.–STA: 9+75 TO STA: 23+00
17	UTILITY PLAN AND PROFILE CARMEL AVE.–STA: 23+00 TO STA: 36+40.46
18	UTILITY PLAN AND PROFILE CORONA AVE.–STA: 10+00 TO STA: 23+50
19	UTILITY PLAN AND PROFILE CORONA AVE.–STA: 23+50 TO STA: 36+43.15
20	UTILITY PLAN AND PROFILE – ANAHEIM AVE. (WEST), ANAHEIM AVE.(EAST) & WARP DR.
21	UTILITY PLAN AND PROFILE TAURUS DR. / MARS ST.
22	UTILITY PLAN AND PROFILE – MILKY WAY DR.
23	UTILITY PLAN AND PROFILE – NEPTUNE DR.
24	UTILITY PLAN AND PROFILE – VENUS ST.
25	STREET DETAILS
26	STREET / DRAINAGE DETAILS
27	WHEELCHAIR RAMP DETAILS / TABLE
28 (1SD)	STORM DRAINAGE PLAN & PROFILE LOUISIANA BLVD. & MARS ST.
29 (2SD)	STORM DRAINAGE PLAN & PROFILE NEPTUNE ST. & VENUS ST.

Terry O. Brown
8/16/95

26-5232.90 0196

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: LA CUEVA OESTE, UNIT 1
IMPROVEMENT PLANS

Terry O. Brown, P.E.
P. O. Box 92051
Albuquerque, NM 87199
(505) 883–8807

APPROVED FOR CONSTRUCTION

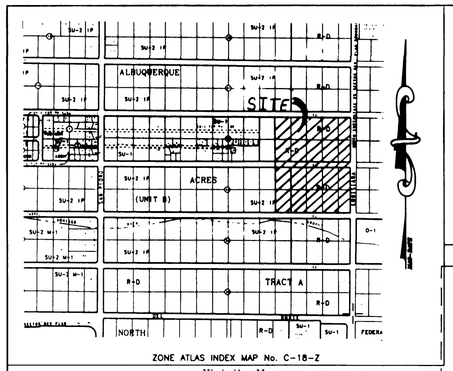
PROJECT NO.	MAP NO.	SHEET
5232.90	C-18-Z	1 of 29

PRELIMINARY

PLAT OF

La Cueva Oeste
Unit One

ALBUQUERQUE, NEW MEXICO
JUNE, 1996



ZONE ATLAS INDEX MAP No. C-18-Z

Vicinity Map NOT TO SCALE

D.R.B.-94-597

SURVEYOR'S CERTIFICATE

I, Jerry Nickels, a Registered Professional Land Surveyor under the Laws of the State of New Mexico, do hereby certify that this Plat was prepared by me, meets the minimum requirements of monumentation and surveys of the Albuquerque Subdivision Ordinance, and that is true and correct to the best of my knowledge and belief.

Jerry Nickels, N.M. L.S. No. 6256 February 17, 1995

STATE OF NEW MEXICO REGISTERED PROFESSIONAL SURVEYOR 6256 JERRY NICKELS

N O T E S

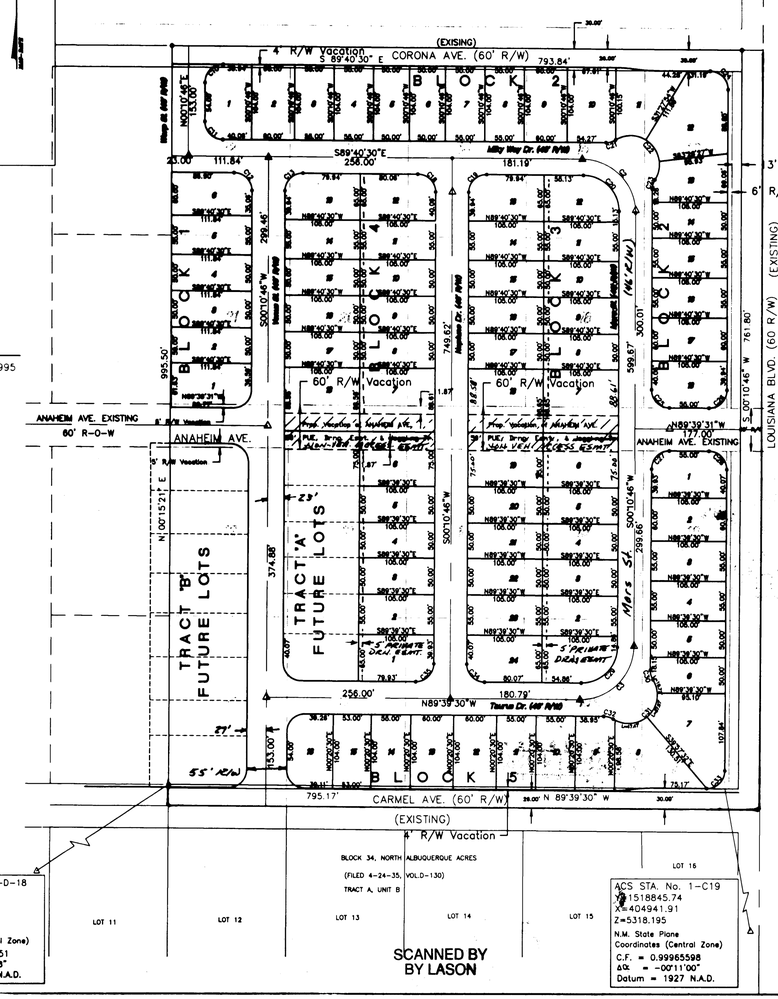
1) UNLESS OTHERWISE NOTED, ALL BOUNDARY CORNERS SHOWN THUS ⊕ WILL BE MARKED BY A NO. 5 IRON REBAR WITH PLASTIC CAP STAMPED "P.L.S. No. 6256"
2) ALL STREET CENTERLINE POINT SHOWN THUS △ WILL BE MARKED BY A 4" ALUMINUM DISK STAMPED "CENTER-LINE MONUMENT, P.L.S. NO. 6256"
3) BOUNDARY WILL BE TIED TO THE NEW MEXICO STATE PLANE COORDINATE SYSTEM AS SHOWN.
4) BASIS OF BEARINGS WILL BE NMSP GRID BEARINGS
5) DISTANCES WILL BE GROUND DISTANCES.
6) MANHOLES WILL BE OFFSET AT ALL POINTS OF CURVATURE, POINTS OF TANGENCY, STREET INTERSECTIONS AND ALL OTHER ANGLE POINTS TO ALLOW USE OF CENTERLINE MONUMENTATION.

APPROVED FOR MONUMENTATION AND STREET NAMES

CITY SURVEYOR 021795 Date

GRAPHIC SCALE

(IN FEET)
1 inch = 100 ft.



ACS STA. No. 11-D-18
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Z=5235.67
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ΔΦ = -00°11'18"
Datum = 1927 N.A.D.

ACS STA. No. 1-C19
Y=1518845.74
X=404941.91
Z=5318.195
N.M. State Plane Coordinates (Central Zone)
C.F. = 0.99965598
ΔΦ = -00°11'00"
Datum = 1927 N.A.D.

LOT	CURVE	RADIUS	LENGTH	TANGENT	CHORD	DELTA
[illegible]	[illegible]	ns	ns	ns	ns	ns
[illegible]	[illegible]	75.00'	117.62'	74.81'	105.91'	89°51'16"
[illegible]	[illegible]	75.00'	118.02'	75.21'	106.22'	90°09'44"
[illegible]	[illegible]	ns	ns	ns	ns	ns
L12.82	[illegible]	25.00'	39.33'	25.06'	35.40'	90°08'44"
L12.82	[illegible]	25.00'	39.21'	24.94'	35.31'	89°51'16"
L9.31	[illegible]	25.00'	39.21'	24.94'	35.31'	89°51'16"
L13.84	[illegible]	25.00'	39.33'	25.06'	35.40'	90°08'44"
L9.31	[illegible]	ns	ns	ns	ns	ns
L18.84	[illegible]	ns	ns	ns	ns	ns
KNUCKLE	[illegible]	ns	ns	ns	ns	ns
KNUCKLE	[illegible]	ns	ns	ns	ns	ns
L12.84	[illegible]	25.00'	39.21'	24.94'	35.31'	89°51'16"
L13.83	[illegible]	25.00'	39.33'	25.06'	35.40'	90°08'44"
L12.83	[illegible]	50.00'	78.41'	49.87'	70.62'	89°51'16"
L12.82	[illegible]	25.00'	14.05'	7.22'	13.87'	32°12'15"
KNUCKLE	[illegible]	40.00'	107.70'	175.09'	77.99'	154°15'46"
L13.82	[illegible]	25.00'	14.05'	7.22'	13.87'	32°12'15"
L12.82	[illegible]	25.00'	39.21'	24.94'	35.31'	89°51'16"
L13.82	[illegible]	25.00'	39.21'	24.94'	35.31'	89°51'16"
L13.82	[illegible]	25.00'	39.33'	25.06'	35.40'	90°08'44"
L12.82	[illegible]	25.00'	39.34'	25.07'	35.41'	90°09'44"
L12.82	[illegible]	25.00'	39.20'	24.93'	35.31'	89°50'16"
L12.82	[illegible]	50.00'	78.68'	50.14'	70.81'	90°09'44"
L12.82	[illegible]	25.00'	14.05'	7.22'	13.87'	32°12'15"
KNUCKLE	[illegible]	40.00'	107.91'	77.28'	78.04'	154°43'44"
L13.82	[illegible]	25.00'	14.05'	7.22'	13.87'	32°12'15"
L9.82	[illegible]	ns	ns	ns	ns	ns
L24.83	[illegible]	ns	ns	ns	ns	ns
L13.84	[illegible]	ns	ns	ns	ns	ns

NOTE:

1. NO LOT IN THIS SUBDIVISION SHALL DIRECTLY ACCESS LOUISIANA BLVD., CORONA AVE., OR CARMEL AVE.
2. LOTS HAVE 10' PUE'S ALONG FRONTS OF LOTS AND SIDES OF LOTS ABUTTING INTERNAL ROADS.

C of A PWD Maps & Records
1 2 3 4 5 6 7 8 9 10 11 12

FREE CONSENT AND DEDICATION

The foregoing replat of that certain tract of land situate being Lots twelve (12) thru twenty-one, Block 32, and Lots twelve thru twenty-one, Block 33, North Albuquerque Acres, is with the free consent and in accordance with the desires and wishes of the undersigned owners thereof.

Gordon L. Skarsgard
OWNER DEVELOPMENT SERVICES, LTD. GORDON L. SKARSGARD
2-17-95

ACKNOWLEDGEMENT
STATE OF NEW MEXICO
COUNTY OF BERNALILLO ss
This foregoing instrument was acknowledged before me this 17th day of FEB., 1995, by GORDON L. SKARSGARD

1 2 3 4 5 6 7 8 9 10 11 12 13 14
26-5231.90 0296

Jan 25, 1998
My Commission Expires

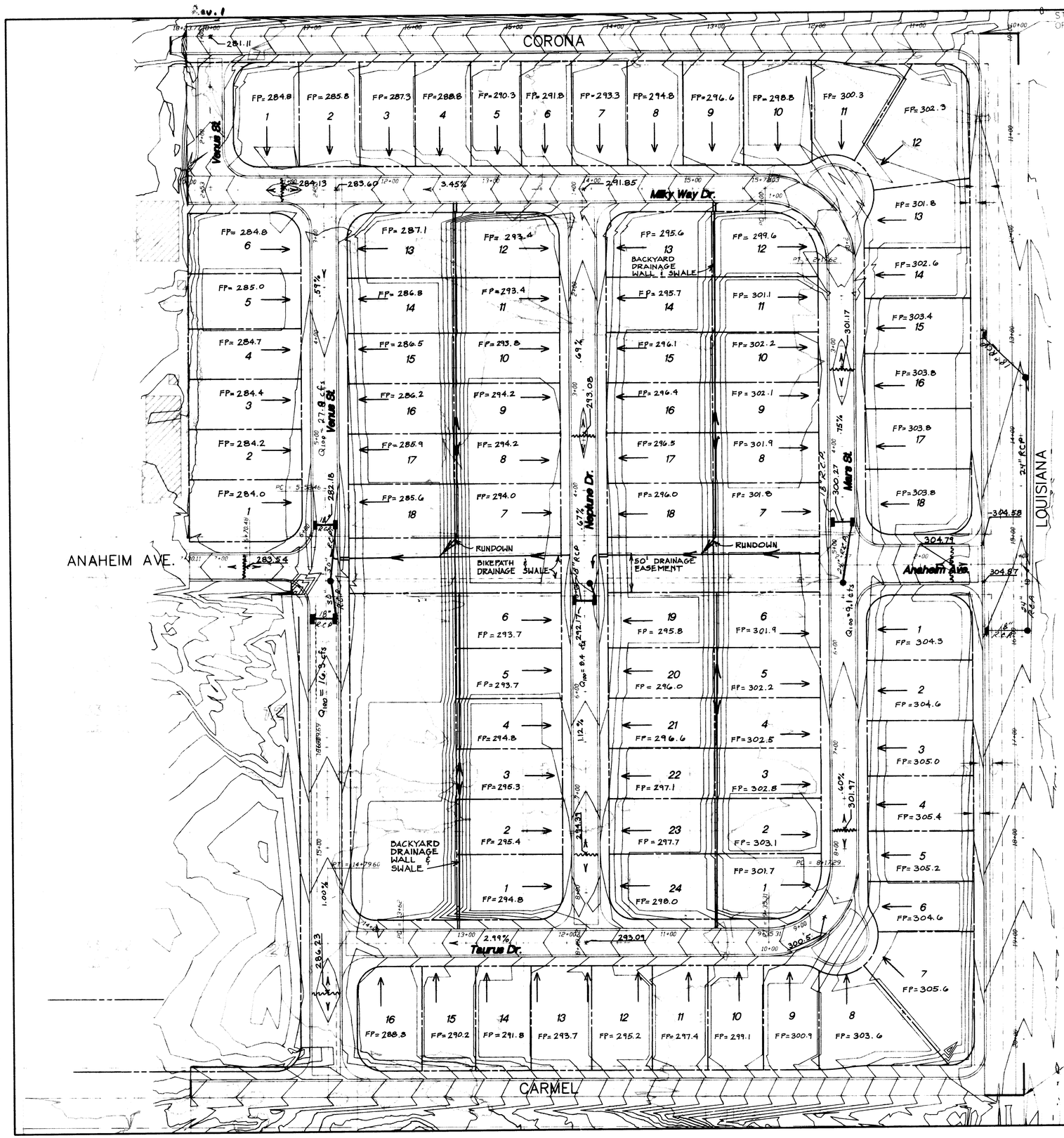
Donna G. Sanzo
NOTARY PUBLIC

Requirements for this development include a minimum of 2,400 s.f. of open space on each ~~per~~ residential lot as designated in the City of Albuquerque Zoning Code. ~~Benefits from any surplus dedication will be for the use of the subdivider or their assigns.~~

Sheet 2 of 29

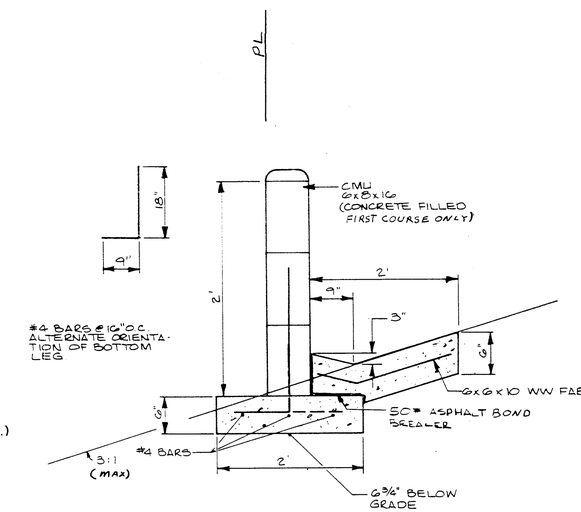
ConSurve Surveying Co.
P.O. Box 9, San Fidel, New Mexico, 87049
(505) 552-9898

SCANNED BY
BY LASON



LEGEND

SIDEWALK CULVERT



BACK YARD DRAINAGE WALL AND SWALE

C of A DWD Maps & Records

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

AS BUILT INFORMATION
NEW CONCEPTS 12/95
COA
L Romero 3/96
L.R. 4/96
L.R.
MICRO-FILM INFORMATION

BENCH MARKS
ACS STA. No. 1-619
X = 1518945.74
Y = 404941.91
Z = 5318.195

SURVEY INFORMATION
FIELD NOTES
NO | DATE | BY

ENGINEERS SEAL
DONALD S. DIXON
NEW MEXICO
10043
PROFESSIONAL ENGINEER
6/2/95

REMARKS
REVISIONS
DESIGN

NO	DATE	BY
1	7/29/95	ACA COA Hydrology Contr. Adj

Resource Technology Inc
ENGINEERS AND ENVIRONMENTAL SCIENTISTS
GIS • ENVIRONMENTAL • WATER RESOURCES • RECREATION • PLANNING
7500 Jefferson Road NE Suite 200 Albuquerque New Mexico
505 345 1115

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

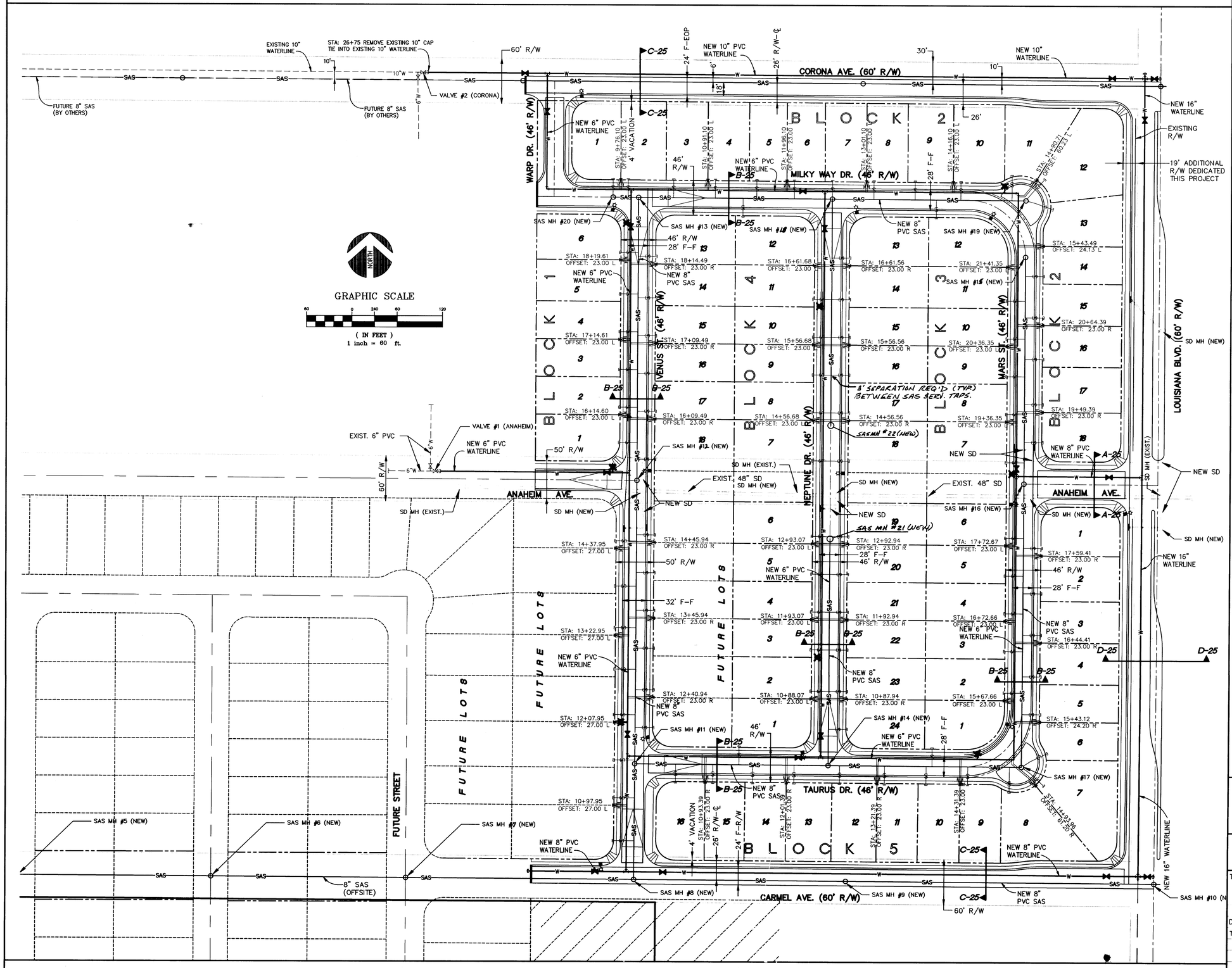
TITLE

DRAINAGE PLAN

10-3-95
9-15-95
9-15-95
8/31/95

PROJECT NO.	5232.90	MAP NO.	C-18	SHEET	2a	OF

SCANNED BY BY LASON



SCANNED BY BY LASON

LC_SUTIL.DWG

LEGEND

- NEW CURB & GUTTER
- NEW SAS MAINLINE
- NEW SAS SERVICE LINE
- NEW SAS MANHOLE
- NEW WATER MAINLINE
- NEW WATER SERVICE LINE
- NEW GATE VALVE
- NEW FIRE HYDRANT
- NEW STREET LIGHT
- NEW VALLEY GUTTER

WATER AND SEWER NOTES

1. CONSTRUCT 4'ø TYPE "C" MANHOLES PER STD. DWG.# 2101.
2. CONSTRUCT SAS SERVICE LINES PER STD. DWG.# 2125.
3. CONSTRUCT ALL CONCRETE BLOCKING PER STD. DWG.# 2320.
4. CONSTRUCT ALL VALVE BOXES PER C.O.A. VALVE BOX DETAIL DWG.# 2325. USE TAPERED CONC. COLLAR IN UNPAVED AREAS.
5. CONSTRUCT ALL FIRE HYDRANTS PER DESIGNATED DEPTHS AND LENGTHS PER STD. DWG.# 2340.
6. CONSTRUCT ALL SINGLE AND DOUBLE WATER SERVICE LINES PER STD. DWG.# 2361, 2362 AND 2363.
7. SEE SHEET 4 FOR SAS AND WATER SERVICE INFORMATION.

*8. RESTRAINT DISTANCES FOR PIPE FITTINGS SHALL BE DEFINED BY TABLE ON SHEET 4.

WATER SHUTOFF PLAN

VALVE #1 (ANAHEIM) AND VALVE #2 (CORONA) SHALL BE CLOSED PRIOR TO TIE INTO EXISTING 6" AND/OR 10" WATERLINES ON ANAHEIM AND CORONA. CONTRACTOR SHALL NOTIFY CITY 48 HOURS IN ADVANCE OF TIME OF SHUTOFF. CONTRACTOR SHALL NOT OPERATE VALVES. ONLY CITY PERSONNEL WILL BE PERMITTED TO OPERATE VALVES.

AS BUILT INFORMATION
CONTRACTOR New Concepts DATE 12/95
WORK STAKED BY CoA DATE 3/96
INSPECTOR'S ACCEPTANCE BY L. Romero DATE 3/96
FIELD VERIFICATION BY L.R. DATE 3/96
DRAWINGS CORRECTED BY L.R. DATE 4/96
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS
ACS STA. No. 1-C19
Y=1518845.74
X=404941.91
Z=5318.195

SURVEY INFORMATION
FIELD NOTES
NO. DATE BY

ENGINEER'S SEAL
TERRY O. BROWN
8/16/95

NO.	DATE	REMARKS REVISIONS DESIGN	BY
		DESIGNED BY: TOB DATE: 08/95	
		DRAWN BY: TOB DATE: 08/95	
		CHECKED BY: TOB DATE: 08/95	

26-5232.90 0396

℄ of A PWD Maps & Records

Terry O. Brown, P.E.
P. O. Box 92051
Albuquerque, NM 87199
(505) 883-8807

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: LA CUEVA OESTE, UNIT 1
MASTER UTILITY AND PAVING LAYOUT

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN		10-3-95	WATER		
TRANSPORTATION		8-17-95	WASTE WATER		8/31/95
HYDROLOGY		9-15-95			

PROJECT NO.	MAP NO.	SHEET	OF
5232.90	C-18-Z	3	29

SANITARY SEWER SERVICE TABLE - LA CUEVA OESTE, UNIT 1

Block 1

Lot No.	Street	SAS Serv Sta.	Offset to PL	Elev. FL Curb	Elev. SAS Inv. @ PL
1	Venus St.	15+78.01	23' Lt.	5282.75	5278.75
2	Venus St.	16+24.60	23' Lt.	5282.71	5278.71
3	Venus St.	16+74.60	23' Lt.	5282.89	5278.89
4	Venus St.	17+24.61	23' Lt.	5283.18	5279.18
5	Venus St.	17+74.61	23' Lt.	5283.47	5279.47
6	Venus St.	18+29.61	23' Lt.	5283.79	5279.79

Block 2

Lot No.	Street	SAS Serv Sta.	Offset to PL	Elev. FL Curb	Elev. SAS Inv. @ PL
1	Milky Way Dr.	9+66.10	23' Lt.	5284.47	5280.47
2	Milky Way Dr.	9+86.10	23' Lt.	5284.14	5280.14
3	Milky Way Dr.	10+46.10	23' Lt.	5284.18	5280.18
4	Milky Way Dr.	11+01.10	23' Lt.	5285.77	5281.77
5	Milky Way Dr.	11+56.10	23' Lt.	5287.67	5283.67
6	Milky Way Dr.	12+06.10	23' Lt.	5289.39	5285.39
7	Milky Way Dr.	12+56.10	23' Lt.	5291.11	5287.11
8	Milky Way Dr.	13+11.10	23' Lt.	5293.01	5289.01
9	Milky Way Dr.	13+66.10	23' Lt.	5294.74	5290.74
10	Milky Way Dr.	14+26.10	23' Lt.	5296.25	5292.25
11	Milky Way Dr.	14+73.81	45.5' Lt.	5297.45	5293.45
12	Milky Way Dr.	14+94.77	61.0' Lt.	5297.97	5293.97
13	Milky Way Dr.	15+14.77	50.6' Lt.	5298.46	5294.46
14	Mars St.	21+29.39	23' Rt.	5300.10	5296.10
15	Mars St.	20+74.39	23' Rt.	5301.06	5297.06
16	Mars St.	20+19.39	23' Rt.	5301.04	5297.04
17	Mars St.	19+59.39	23' Rt.	5300.59	5296.59
18	Mars St.	19+09.33	23' Rt.	5300.29	5296.29

Block 3

Lot No.	Street	SAS Serv Sta.	Offset to PL	Elev. FL Curb	Elev. SAS Inv. @ PL
1	Taurus Dr.	13+93.94	23' Lt.	5297.43	5293.43
2	Mars St.	15+77.66	23' Lt.	5301.95	5297.95
3	Mars St.	16+32.66	23' Lt.	5301.75	5297.75
4	Mars St.	16+82.66	23' Lt.	5301.45	5297.45
5	Mars St.	17+32.67	23' Lt.	5301.15	5297.15
6	Mars St.	17+82.67	23' Lt.	5300.85	5296.85
7	Mars St.	18+82.67	23' Lt.	5300.29	5296.29
8	Mars St.	19+46.35	23' Lt.	5300.50	5296.50
9	Mars St.	19+96.35	23' Lt.	5300.87	5296.87
10	Mars St.	20+46.35	23' Lt.	5301.17	5297.17
11	Mars St.	20+96.35	23' Lt.	5300.79	5296.79
12	Milky Way Dr.	13+94.06	23' Rt.	5295.45	5291.45
13	Neptune St.	16+71.56	23' Rt.	5292.03	5288.03
14	Neptune St.	16+16.56	23' Rt.	5292.42	5288.42
15	Neptune St.	15+66.56	23' Rt.	5292.76	5288.76
16	Neptune St.	15+16.56	23' Rt.	5293.07	5289.07
17	Neptune St.	14+66.56	23' Rt.	5292.91	5288.91
18	Neptune St.	14+02.94	23' Rt.	5292.49	5288.49
19	Neptune St.	13+02.94	23' Rt.	5292.32	5288.32
20	Neptune St.	12+52.94	23' Rt.	5292.86	5288.86
21	Neptune St.	12+02.94	23' Rt.	5293.42	5289.42
22	Neptune St.	11+52.94	23' Rt.	5293.98	5289.98
23	Neptune St.	10+97.94	23' Rt.	5294.38	5290.38
24	Neptune St.	10+47.86	23' Rt.	5294.09	5290.09

Block 4

Lot No.	Street	SAS Serv Sta.	Offset to PL	Elev. FL Curb	Elev. SAS Inv. @ PL
1	Taurus Dr.	11+37.94	23' Lt.	5289.81	5285.81
2	Neptune St.	10+98.07	23' Lt.	5294.38	5290.38
3	Neptune St.	11+53.07	23' Lt.	5293.97	5289.97
4	Neptune St.	12+03.07	23' Lt.	5293.42	5289.42
5	Neptune St.	12+53.07	23' Lt.	5292.86	5288.86
6	Neptune St.	13+03.07	23' Lt.	5292.32	5288.32
7	Neptune St.	14+03.07	23' Lt.	5287.04	5283.04
8	Neptune St.	14+66.68	23' Lt.	5292.91	5288.91
9	Neptune St.	15+16.68	23' Lt.	5293.06	5289.06
10	Neptune St.	15+66.68	23' Lt.	5292.76	5288.76
11	Neptune St.	16+16.68	23' Lt.	5292.42	5288.42
12	Milky Way	11+38.06	23' Lt.	5287.04	5283.04
13	Venus St.	18+24.49	23' Rt.	5283.76	5279.76
14	Venus St.	17+69.49	23' Rt.	5283.44	5279.44
15	Venus St.	17+19.49	23' Rt.	5283.15	5279.15
16	Venus St.	16+69.49	23' Rt.	5282.86	5278.86
17	Venus St.	16+19.49	23' Rt.	5282.71	5278.71
18	Venus St.	15+55.94	23' Rt.	5282.85	5278.85
19*	Venus St.	14+55.94	23' Rt.	5283.60	5279.60
20*	Venus St.	14+05.94	23' Rt.	5284.00	5280.00
21*	Venus St.	13+55.94	23' Rt.	5284.39	5280.39
22*	Venus St.	13+05.94	23' Rt.	5284.79	5280.79
23*	Venus St.	12+50.94	23' Rt.	5285.23	5281.23
24*	Venus St.	12+00.87	23' Rt.	5285.63	5281.63

Block 5

Lot No.	Street	SAS Serv Sta.	Offset to PL	Elev. FL Curb	Elev. SAS Inv. @ PL
1	Mars St.	17+69.41	23' Rt.	5300.93	5296.93
2	Mars St.	17+09.41	23' Rt.	5301.29	5297.29
3	Mars St.	16+54.41	23' Rt.	5301.62	5297.62
4	Mars St.	15+99.41	23' Rt.	5301.95	5297.95
5	Mars St.	15+50.68	23' Rt.	5301.72	5297.72
6	Mars St.	15+17.51	46.4' Rt.	5301.08	5297.08
7	Mars St.	14+97.67	61.2' Rt.	5300.52	5296.52
8	Taurus Dr.	14+74.89	47.6' Rt.	5299.84	5295.84
9	Taurus Dr.	14+40.31	23' Rt.	5298.81	5294.81
10	Taurus Dr.	13+86.39	23' Rt.	5297.21	5293.21
11	Taurus Dr.	13+31.39	23' Rt.	5295.57	5291.57
12	Taurus Dr.	12+71.39	23' Rt.	5293.78	5289.78
13	Taurus Dr.	12+11.39	23' Rt.	5292.00	5288.00
14	Taurus Dr.	11+56.39	23' Rt.	5290.36	5286.36
15	Taurus Dr.	11+03.39	23' Rt.	5288.78	5284.78
16	Taurus Dr.	10+54.14	23' Rt.	5287.31	5283.31

Future Block

Lot No.	Street	SAS Serv Sta.	Offset to PL	Elev. FL Curb	Elev. SAS Inv. @ PL
1*	Venus St.	10+51.15	27' Lt.	5285.51	5281.51
2*	Venus St.	11+07.95	27' Lt.	5286.30	5282.30
3*	Venus St.	11+57.95	27' Lt.	5285.97	5281.97
4*	Venus St.	12+17.95	27' Lt.	5285.49	5281.49
5*	Venus St.	12+77.95	27' Lt.	5285.02	5281.02
6*	Venus St.	13+32.95	27' Lt.	5284.58	5280.58
7*	Venus St.	13+87.95	27' Lt.	5284.14	5280.14
8*	Venus St.	14+47.95	27' Lt.	5283.66	5279.66

* - Services to Future Lots

WATER SERVICE TABLE - LA CUEVA OESTE, UNIT 1

BLOCK 1

Lot No.	Street	Type Service	CL Sta.	Offset to PL
1 & 2	Venus St.	Double	16+14.60	23' Lt.
3 & 4	Venus St.	Double	17+14.61	23' Lt.
5 & 6	Venus St.	Double	18+19.61	23' Lt.

BLOCK 2

Lot No.	Street		CL Sta.	Offset to PL
1 & 2	Milky Way Dr.	Double	9+76.10	23' Lt.
3 & 4	Milky Way Dr.	Double	10+91.10	23' Lt.
5 & 6	Milky Way Dr.	Double	11+96.10	23' Lt.
7 & 8	Milky Way Dr.	Double	13+01.10	23' Lt.
9 & 10	Milky Way Dr.	Double	14+16.10	23' Lt.
11 & 12	Milky Way Dr.	Double	14+90.71	60.23' Lt.
13 & 14	Milky Way Dr.	Double	15+43.49	24.13' Lt. **
15 & 16	Mars St.	Double	20+64.39	23' Rt.
17 & 18	Mars St.	Double	19+49.39	23' Rt.

BLOCK 3

Lot No.	Street		CL Sta.	Offset to PL
1 & 2	Mars St.	Double	15+67.66	23' Lt.
3 & 4	Mars St.	Double	16+72.66	23' Lt.
5 & 6	Mars St.	Double	17+72.67	23' Lt.
7 & 8	Mars St.	Double	19+36.35	23' Lt.
9 & 10	Mars St.	Double	20+36.35	23' Lt.
11 & 12	Mars St.	Double	21+41.35	23' Lt.
13 & 14	Neptune St.	Double	16+61.56	23' Rt.
15 & 16	Neptune St.	Double	15+56.56	23' Rt.
17 & 18	Neptune St.	Double	14+56.56	23' Rt.
19 & 20	Neptune St.	Double	12+92.94	23' Rt.
21 & 22	Neptune St.	Double	11+92.94	23' Rt.
23 & 24	Neptune St.	Double	10+87.94	23' Rt.

BLOCK 4

Lot No.	Street		CL Sta.	Offset to PL
1 & 2	Neptune St.	Double	10+88.07	23' Lt.
3 & 4	Neptune St.	Double	11+93.07	23' Lt.
5 & 6	Neptune St.	Double	12+93.07	23' Lt.
7 & 8	Neptune St.	Double	14+56.68	23' Lt.
9 & 10	Neptune St.	Double	15+56.68	23' Lt.
11 & 12	Neptune St.	Double	16+61.68	23' Lt.
13 & 14	Venus St.	Double	18+14.49	23' Rt.
15 & 16	Venus St.	Double	17+09.49	23' Rt.
17 & 18	Venus St.	Double	16+09.49	23' Rt.
19* & 20*	Venus St.	Double	14+45.94	23' Rt.
21* & 22*	Venus St.	Double	13+45.94	23' Rt.
23* & 24*	Venus St.	Double	12+40.94	23' Rt.

BLOCK 5

Lot No.	Street		CL Sta.	Offset to PL
1 & 2	Mars St.	Double	17+59.41	23' Rt.
3 & 4	Mars St.	Double	16+44.41	23' Rt.
5 & 6	Mars St.	Double	15+43.12	24.20' Rt.
7 & 8	Mars St.	Double	14+93.96	61.20' Rt.
9 & 10	Taurus Dr.	Double	14+31.39	23' Rt.
11 & 12	Taurus Dr.	Double	13+21.39	23' Rt.
13 & 14	Taurus Dr.	Double	12+01.39	23' Rt.
15 & 16	Taurus Dr.	Double	10+93.39	23' Rt.

FUTURE BLOCK

Lot No.	Street		CL Sta.	Offset to PL
1* & 2*	Venus St.	Double	10+97.95	27' Lt.
3* & 4*	Venus St.	Double	12+07.95	27' Lt.
5* & 6*	Venus St.	Double	13+22.95	27' Lt.
7* & 8*	Venus St.	Double	14+37.95	27' Lt.

* - Services to Future Lots

** - SERVICE CONNECTION IS LOCATED ON MARS STREET. STATIONING IS MILKY WAY STATIONING.

CURVE DATA AT FACE OF CURB

(SEE PAVING PLAN AND PROFILE SHEETS FOR CURVE LOCATION)

CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA
C1	26.00'	40.77'	25.93'	36.72'	N44°44'22"W	89°50'17"
C2	25.00'	39.34'	25.07'	35.41'	N45°15'38"E	90°09'43"
C3	25.00'	39.34'	25.07'	35.41'	N45°15'38"E	90°09'43"
C4	25.00'	39.20'	24.93'	35.31'	S44°44'22"E	89°50'17"
C5	25.00'	39.20'	24.93'	35.31'	S44°44'22"E	89°50'16"
C6	25.00'	39.34'	25.07'	35.41'	S45°15'38"W	90°09'44"
C7	25.00'	39.34'	25.07'	35.41'	N45°15'38"E	90°09'44"
C8	25.00'	39.20'	24.93'	35.31'	S44°44'22"E	89°50'16"
C9	187.95'	28.15'	14.10'	28.12'	N86°04'54"E	08°34'52"
C10	171.94'	25.75'	12.90'	25.73'	S86°04'54"W	08°34'52"
C11	25.00'	39.35'	25.08'	35.41'	N45°16'33"E	90°11'34"
C12	61.00'	95.99'	61.17'	86.39'	N45°15'38"E	90°09'44"
C13	34.00'	19.11'	9.82'	18.86'	N73°33'23"W	32°12'16"
C14	31.00'	83.63'	137.39'	60.48'	N45°15'38"E	154°34'14"
C15	34.00'	19.11'	9.82'	18.86'	S15°55'18"E	32°12'22"
C16	25.00'	39.34'	25.07'	35.41'	N45°15'38"E	90°09'43"
C17	25.00'	39.20'	24.93'	35.31'	N44°44'22"W	89°50'17"
C18	25.00'	39.34'	25.07'	35.41'	S45°15'38"W	90°09'43"
C19	25.00'	39.20'	24.93'	35.31'	S44°44'22"E	89°50'17"
C20	25.00'	39.21'	24.94'	35.31'	N44°44'52"W	89°51'16"
C21	187.86'	26.87'	13.46'	26.85'	S85°34'39"E	08°11'42"
C22	203.86'	29.16'	14.60'	29.13'	N85°34'39"W	08°11'42"
C23	34.00'	19.11'	9.81'	18.86'	S16°16'54"W	32°12'15"
C24	31.00'	83.46'	135.70'	60.44'	N44°44'52"W	154°15'46"
C25	34.00'	19.11'	9.81'	18.86'	N74°13'23"E	32°12'15"
C26	61.00'	95.66'	60.85'	86.16'	N44°44'52"W	89°51'16"
C27	25.00'	39.33'	25.06'	35.40'	S45°15'08"W	90°08'44"
C28	25.00'	39.21'	24.94'	35.31'	N44°44'52"W	89°51'16"
C29	25.00'	39.33'	25.06'	35.40'	S45°15'08"W	90°08'44"
C30	25.00'	39.21'	24.94'	35.31'	N44°44'52"W	89°51'16"
C31	25.00'	39.21'	24.94'	35.31'	S44°44'52"E	89°51'16"
C32	25.00'	39.21'	11.71'	21.21'	N25°17'01"E	50°12'29"
C33	25.00'	39.21'	24.94'	35.31'	N44°44'52"W	89°51'16"
C34	25.00'	39.33'	25.06'	35.40'	S45°15'08"W	90°08'44"

RESTRAINED JOINT LENGTHS Lr, FOR TEES, (FT.)

ALL JOINTS AT THE TEE MUST BE RESTRAINED.

	MINIMUM RUN LENGTH		MINIMUM RUN LENGTH	
SIZE	RUN	BRANCH	RUN	BRANCH
12x12x12	15	17	18	3
12x12x10	10	18	13	1
12x12x8	6	19	8	5
12x12x6	3	19	5	1
12x12x4	1	19	2	6
10x10x10	12	18	15	5
10x10x8	8	15	10	4
10x10x6	4	16	6	1
10x10x4	2	4	3	1
8x8x8	9	20	13	3
8x8x6	5	17	7	5
8x8x4	2	15	3	7
6x6x6	6	20	10	2
6x6x4	2	20	4	7

Note - This table is based upon the following criteria:

Depth of Bury	3.0 ft. minimum
Factor of Safety	1.25
Material	PVC Pipe
Soil Type	GM/SM - Sitly gravels & silty sands, gravel-sand-silt mixtures.
Test Pressure	150 psi
Trench Type 4	Pipe bedded in sand, gravel, or crushed stone to depth of 1/8 pipe diameter, 4 inch minimum; backfill compacted to top of pipe

Different criteria, e.g., ductile iron pipe, greater depth of bury, etc., will require different restrained lengths. These must be calculated by a qualified Professional Engineer and approved by the Public Works Department.

RESTRAINED JOINT LENGTHS Lr, FOR HORIZONTAL BENDS, VALVES, AND DEAD ENDS, (FT.)

SIZE	HORIZONTAL BENDS 90°	45°	22-1/2°	11-1/4°	VALVES & DEAD ENDS
12	30	12	6	3	85
10	26	11	5	3	72
8	22	9	4	2	60
6	17	7	3	2	46
4	12	5	2	1	32

RESTRAINED JOINT LENGTHS, Lr, FOR REDUCERS, (FT.)

MINIMUM, UNOBSTRUCTED, STRAIGHT-RUN LENGTH: RESTRAIN EITHER LARGE PIPE, OR SMALL PIPE.

SIZE	LARGE SIDE	SMALL SIDE	SIZE	LARGE SIDE	SMALL SIDE
12 x 10	25	30	10 x 6	44	73
12 x 8	45	68	10 x 4	58	141
12 x 6	62	121	8 x 6	25	33
12 x 4	74	213	8 x 4	43	83
10 x 8	24	30	6 x 4	24	35

AS BUILT INFORMATION
CONTRACTOR New Concepts DATE 12/95
WORK STAKED BY COA DATE 3/96
INSPECTOR'S ACCEPTANCE BY J. Romero DATE 3/96
FIELD VERIFICATION BY L.R. DATE 3/96
DRAWINGS CORRECTED BY L.R. DATE 4/96
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS

SURVEY INFORMATION
FIELD NOTES
NO. BY DATE

ENGINEER'S SEAL
Terry O. Brown 8/16/95

NO.	DATE	REMARKS REVISIONS DESIGN	BY
		DESIGNED BY: TOB	DATE: 07/95
		DRAWN BY: TOB	DATE: 07/95
		CHECKED BY: TOB	DATE: 07/95

20-5232.90 04/96

Terry O. Brown, P.E.
P. O. Box 92051
Albuquerque, NM 87199
(505) 883-8807

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

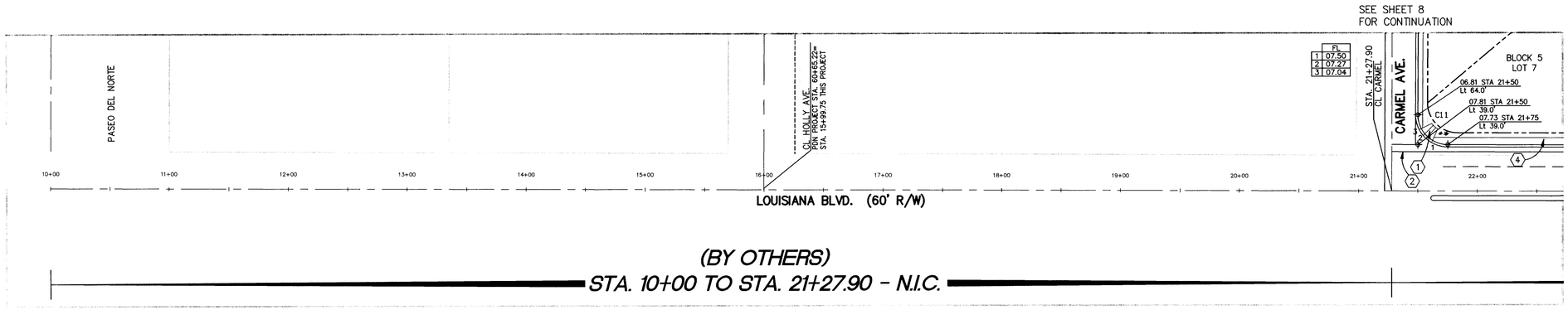
TITLE: LA CUEVA OESTE, UNIT 1
MISCELLANEOUS TABLES

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN		10-3-95	WATER		
TRANSPORTATION	N/A	8-18-95	WASTE WATER	N/A	8/31/95
HYDROLOGY	N/A	9-15-95			

PROJECT NO.	MAP NO.	SHEET	OF
5232.90	C-18-Z	4	29

LC_TABLE.DWG

SCANNED BY
BY LASON



GRAPHIC SCALE

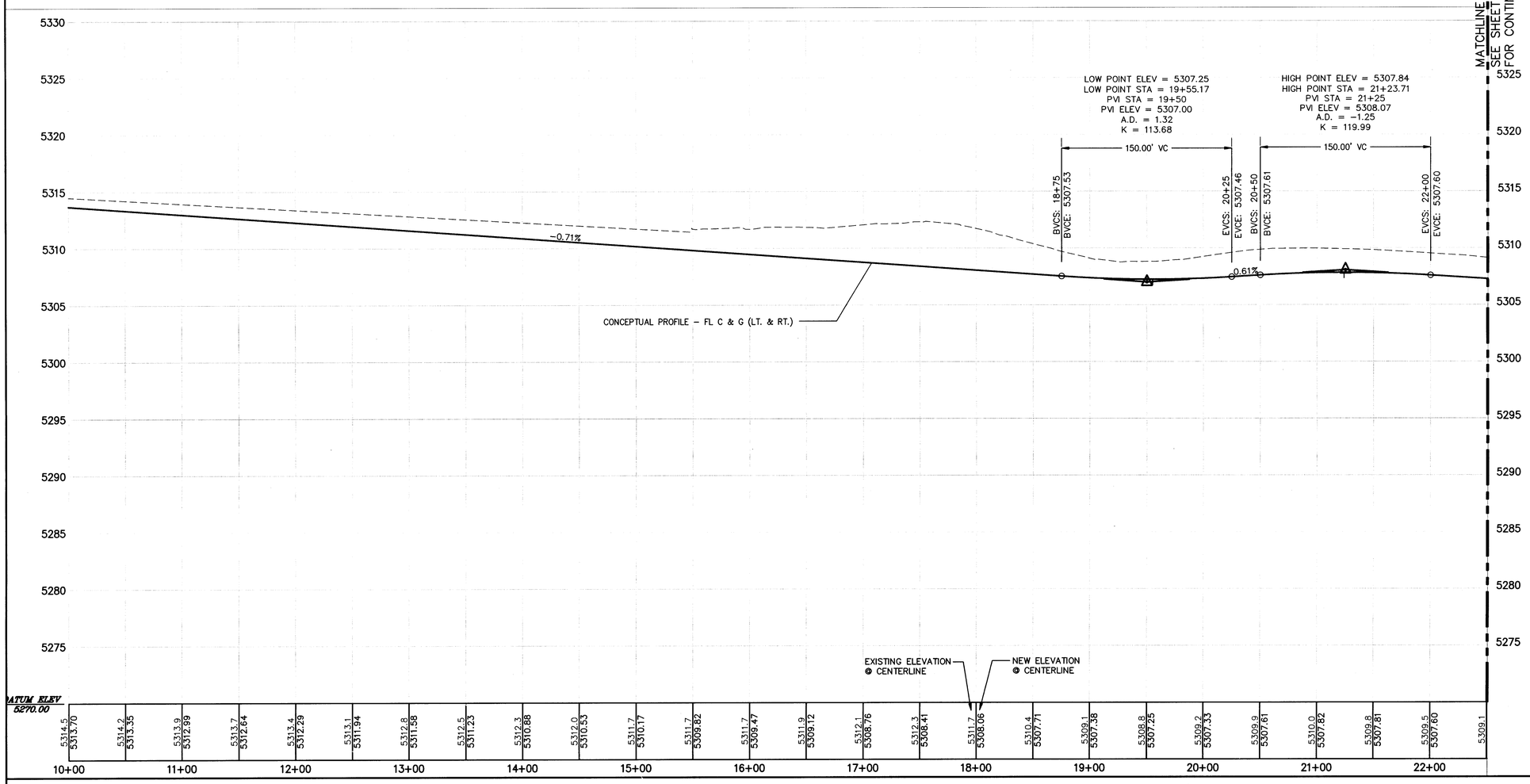
50 0 25 50 100

(IN FEET)
1 inch = 50 ft.

NORTH

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

LOUISIANA BLVD.



LC_PP.DWG / VIEW;R;33

NOTES:

1. NEW ELEVATIONS SHOWN ARE FLOWLINE OF CURB AND GUTTER UNLESS OTHERWISE NOTED.
2. THE FOLLOWING CITY OF ALBUQUERQUE STANDARD DETAIL DRAWINGS APPLY TO THIS SHEET:
   - DWG 2401 – TYP. RES. STREET INTERS.
   - DWG 2405 – RESIDENTIAL STREET SECTION
   - DWG 2415 – CURB AND GUTTER
   - DWG 2418 – MOUNTABLE TO STANDARD CURB TRANSITION
   - DWG 2420 – CONCRETE VALLEY GUTTER
   - DWG 2430 – SIDEWALK DETAILS
   - DWG 2440 – WHEEL CHAIR RAMP
   - DWG 2441 – WHEEL CHAIR RAMP
3. SEE PLAT, SHEET 2, FOR RIGHT OF WAY WIDTHS AND STREET CENTERLINE BEARING & DISTANCE INFORMATION.
4. SEE SHEET 4 FOR CURVE DATA AT FACE OF CURB TABLE.

CONSTRUCTION KEYED NOTES:

1 CONSTRUCT P.C.C. SIDEWALK, 4" THICK, TRANSITIONS TO HANDICAP ACCESS RAMPS AND P.C.C. RAMP PER STD. DWG.# 2441.
** WHEEL CHAIR RAMPS MODIFIED TO EXTEND LATERAL RAMP AREA(S) TO ALIGN WITH PC OR PT OF CURB RETURNS.

2 CONSTRUCT P.C.C. VALLEY GUTTER AND GUTTER AND CURB PER STD. DWG.# 2420, 6' WIDE WITH 1" INVERT DEPTH.

3 NO CROWN TRANSITION (50' LENGTH).

4 4' WIDE P.C.C. SIDEWALK (NOT IN THIS CONTRACT).

AS BUILT INFORMATION
CONTRACTOR New Concepts DATE 12/95
WORK STAKED BY CGA DATE 3/96
INSPECTOR'S ACCEPTANCE BY L. Romero DATE 3/96
FIELD VERIFICATION BY L.R. DATE 4/96
DRAWINGS CORRECTED BY L.R. DATE 4/96
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS
ACS STA. No. 1-C19
Y=1518845.74
X=404941.91
Z=5318.195

SURVEY INFORMATION
FIELD NOTES
NO. BY DATE

ENGINEER'S SEAL
Terry O. Brown
8/16/95

NO.	DATE	REMARKS REVISIONS DESIGN	BY
		DESIGNED BY: TOB DATE: 07/95	
		DRAWN BY: TOB DATE: 07/95	
		CHECKED BY: TOB DATE: 07/95	

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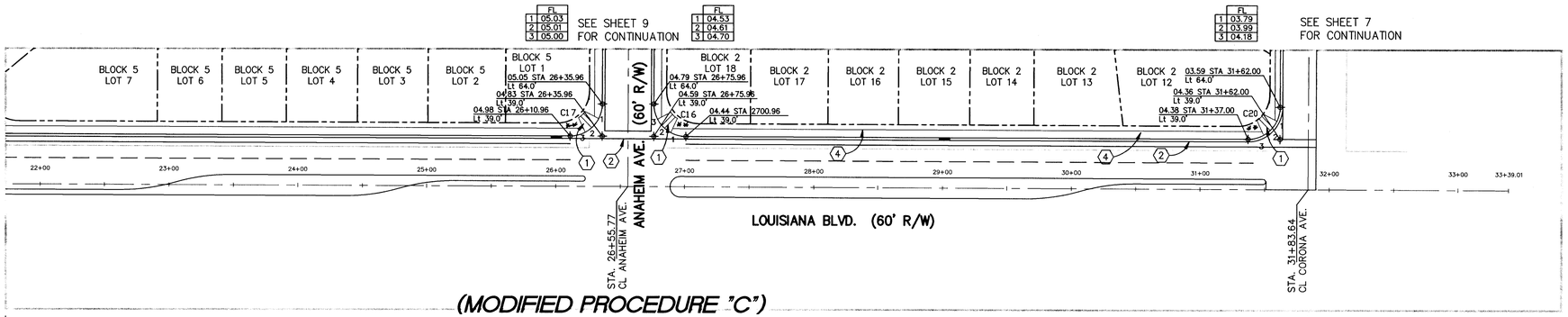
CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: LA CUEVA OESTE, UNIT 1
PAVING PLAN AND PROFILE
LOUISIANA BLVD.– STA:10+00 TO STA: 22+50

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN	B.J. Lindsay	10-3-95	WATER		
TRANSPORTATION	R. Brown	8-17-95	WASTE WATER	N/A GBH	9/31/95
HYDROLOGY	N/A Sme	9-15-95			

PROJECT NO.	MAP NO.	SHEET	OF
5232.90	C-18-Z	5	29

SCANNED BY
BY LASON



(MODIFIED PROCEDURE "C")

STA. 21+27.90 TO STA. 31+83.64) - N.I.C.

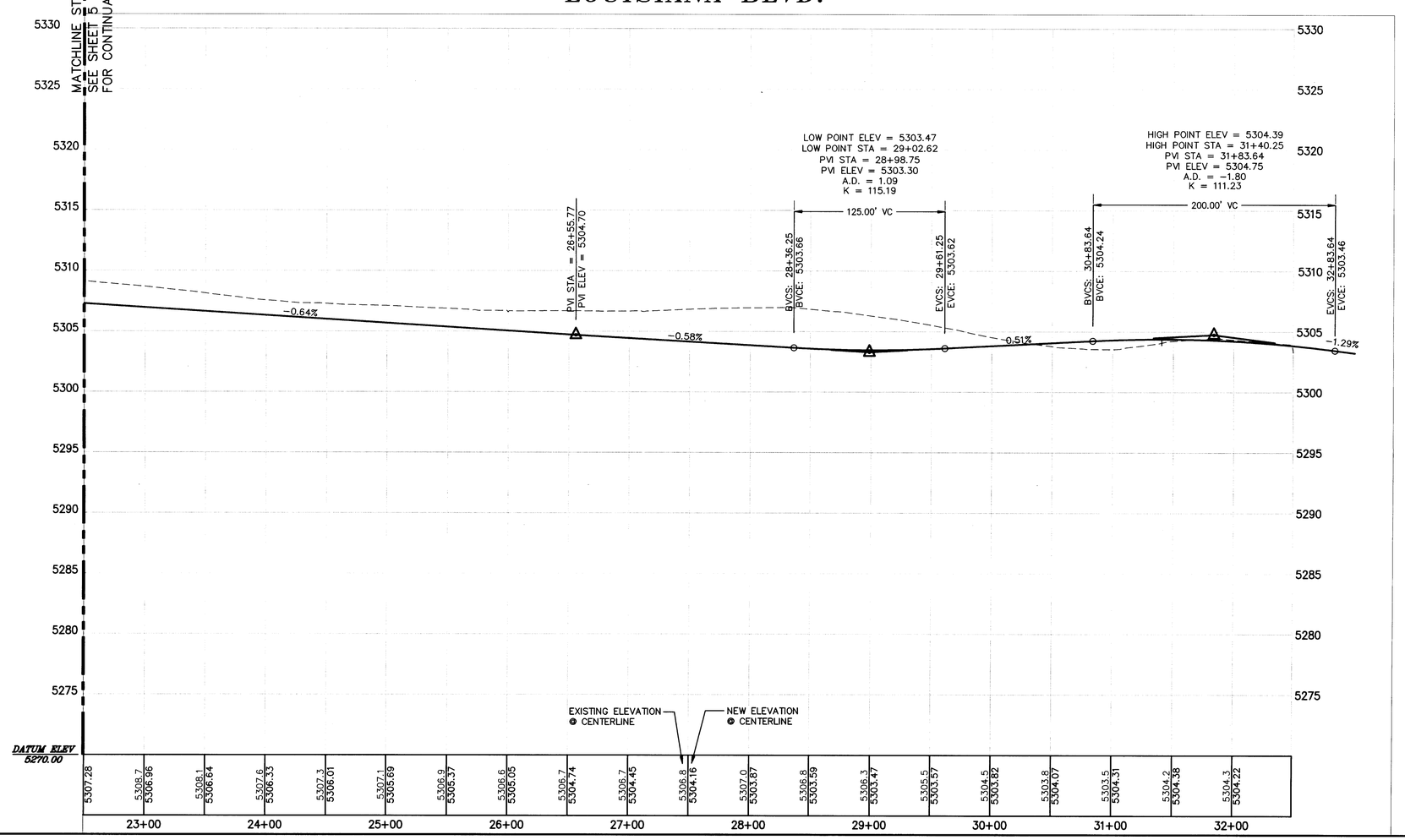
GRAPHIC SCALE

(IN FEET)
1 inch = 50 ft.

NORTH

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

LOUISIANA BLVD.



SCANNED BY BY LASON

LC_PP.DWG / VIEW:R;3

NOTES:

1. NEW ELEVATIONS SHOWN ARE FLOWLINE OF CURB AND GUTTER UNLESS OTHERWISE NOTED.
2. THE FOLLOWING CITY OF ALBUQUERQUE STANDARD DETAIL DRAWINGS APPLY TO THIS SHEET:
   - DWG 2401 – TYP. RES. STREET INTERS.
   - DWG 2405 – RESIDENTIAL STREET SECTION
   - DWG 2415 – CURB AND GUTTER
   - DWG 2418 – MOUNTABLE TO STANDARD CURB TRANSITION
   - DWG 2420 – CONCRETE VALLEY GUTTER
   - DWG 2430 – SIDEWALK DETAILS
   - DWG 2440 – WHEEL CHAIR RAMP
   - DWG 2441 – WHEEL CHAIR RAMP
3. SEE PLAT, SHEET 2, FOR RIGHT OF WAY WIDTHS AND STREET CENTERLINE BEARING & DISTANCE INFORMATION.
4. SEE SHEET 4 FOR CURVE DATA AT FACE OF CURB TABLE.

CONSTRUCTION KEYED NOTES:

1 CONSTRUCT P.C.C. SIDEWALK, 4" THICK, TRANSITIONS TO HANDICAP ACCESS RAMPS AND P.C.C. RAMP PER STD. DWG.# 2441.
** WHEEL CHAIR RAMPS MODIFIED TO EXTEND LATERAL RAMP AREA(S) TO ALIGN WITH PC OR PT OF CURB RETURNS (SEE SHT. 27).

2 CONSTRUCT P.C.C. VALLEY GUTTER AND GUTTER AND CURB PER STD. DWG.# 2420, 6' WIDE WITH 1" INVERT DEPTH.

3 NO CROWN TRANSITION (50' LENGTH).

4 4' WIDE P.C.C. SIDEWALK (NOT IN THIS CONTRACT).

26-5232.90 0696

Terry O. Brown, P.E.
P. O. Box 92051
Albuquerque, N.M. 87199
(505) 883-8807

AS BUILT INFORMATION
CONTRACTOR New Concepts DATE 12/95
WORK STAKED BY COA DATE 1/96
ACCEPTANCE BY L. Romero DATE 1/96
FIELD VERIFICATION BY L.R. DATE 1/96
DRAWINGS CORRECTED BY L.R. DATE 4/96
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS
ACS STA. No. 1-C19
Y=1518845.74
X=404941.91
Z=5318.195

SURVEY INFORMATION
FIELD NOTES
NO. BY DATE

ENGINEER'S SEAL
Terry O. Brown 8/16/95

NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	

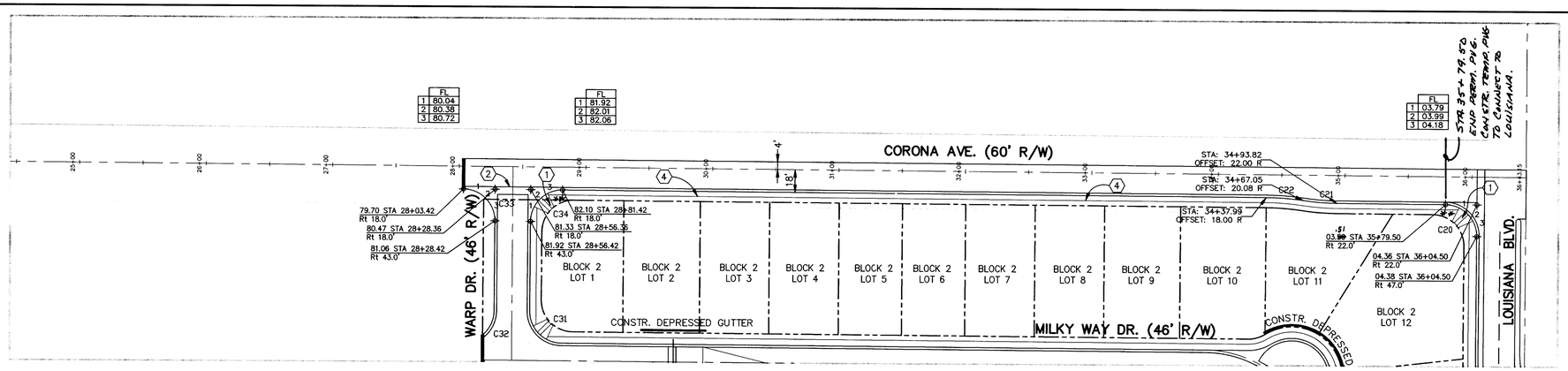
DESIGNED BY: TOB DATE: 07/95
DRAWN BY: TOB DATE: 07/95
CHECKED BY: TOB DATE: 07/95

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: LA CUEVA OESTE, UNIT 1
PAVING PLAN AND PROFILE
LOUISIANA BLVD.– STA: 22+50 TO STA: 33+39.01

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN		10-3-95	WATER		
TRANSPORTATION		8-17-95	WASTE WATER	N/A	8/31/95
HYDROLOGY	N/A	9-15-95			

PROJECT NO.	MAP NO.	SHEET	OF
5232.90	C-18-Z	6	29



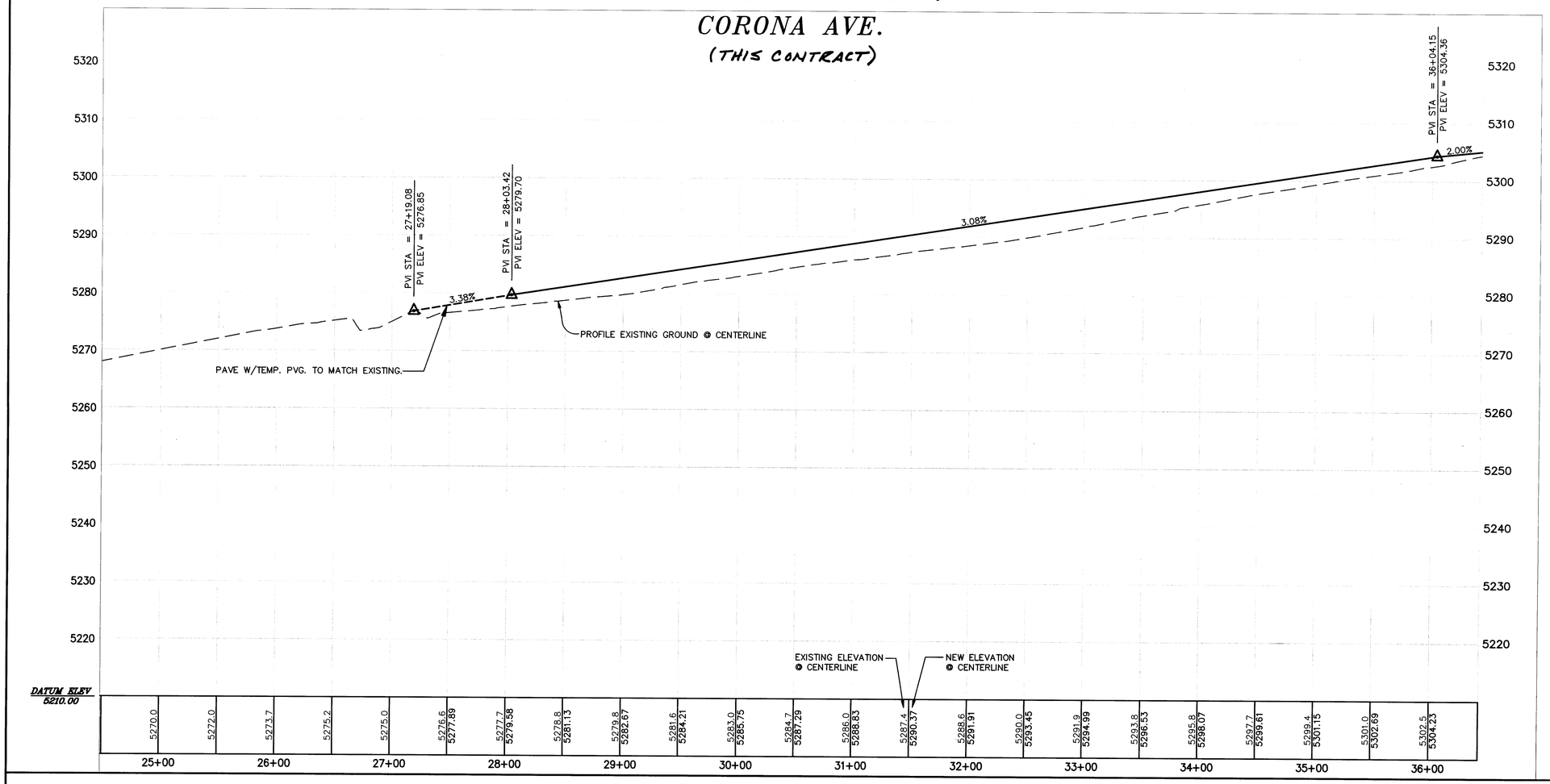
SEE SHEET 5 FOR CONTINUATION

GRAPHIC SCALE

(IN FEET)
1 inch = 50 ft.

SCALE
HORIZ: 1"=50'
VERT: 1"=10'

~~N.I.C. (MODIFIED PROCEDURE "C")~~



LC_PP.DWG / VIEW;R;5

NOTES:

1. NEW ELEVATIONS SHOWN ARE FLOWLINE OF CURB AND GUTTER UNLESS OTHERWISE NOTED.
2. THE FOLLOWING CITY OF ALBUQUERQUE STANDARD DETAIL DRAWINGS APPLY TO THIS SHEET:
   - DWG 2401 – TYP. RES. STREET INTERS.
   - DWG 2405 – RESIDENTIAL STREET SECTION
   - DWG 2415 – CURB AND GUTTER
   - DWG 2418 – MOUNTABLE TO STANDARD CURB TRANSITION
   - DWG 2420 – CONCRETE VALLEY GUTTER
   - DWG 2430 – SIDEWALK DETAILS
   - DWG 2440 – WHEEL CHAIR RAMP
   - DWG 2441 – WHEEL CHAIR RAMP
3. SEE PLAT, SHEET 2, FOR RIGHT OF WAY WIDTHS AND STREET CENTERLINE BEARING & DISTANCE INFORMATION.
4. SEE SHEET 4 FOR CURVE DATA AT FACE OF CURB TABLE.

⬡ CONSTRUCTION KEYED NOTES:

1 CONSTRUCT P.C.C. SIDEWALK, 4" THICK, TRANSITIONS TO HANDICAP ACCESS RAMPS AND P.C.C. RAMP PER STD. DWG.# 2441.
** WHEEL CHAIR RAMPS MODIFIED TO EXTEND LATERAL RAMP AREA(S) TO ALIGN WITH PC OR PT OF CURB RETURNS (SEE SHT. 27).

2 CONSTRUCT P.C.C. VALLEY GUTTER AND GUTTER AND CURB PER STD. DWG.# 2420, 6' WIDE WITH 1" INVERT DEPTH.

3 NO CROWN TRANSITION (50' LENGTH).

4 4' WIDE P.C.C. SIDEWALK (NOT IN THIS CONTRACT).

AS BUILT INFORMATION
CONTRACTOR New Concept DATE 12/95
WORK STAKED BY COA DATE
INSPECTOR'S ACCEPTANCE BY L. Romero DATE 1/96
FIELD VERIFICATION BY L.R. DATE 1/96
DRAWINGS CORRECTED BY L.R. DATE 4/96
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS
ACS STA. No. 1-C19
Y=1518845.74
X=404941.91
Z=5318.195

SURVEY INFORMATION
FIELD NOTES
NO. BY DATE

ENGINEER'S SEAL
Terry O. Brown
8/16/95

26-5232.90 0796

Terry O. Brown, P.E.
P. O. Box 92051
Albuquerque, N.M. 87199
(505) 883-8807

NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	

DESIGNED BY: TOB DATE: 07/95
DRAWN BY: TOB DATE: 07/95
CHECKED BY: TOB DATE: 07/95

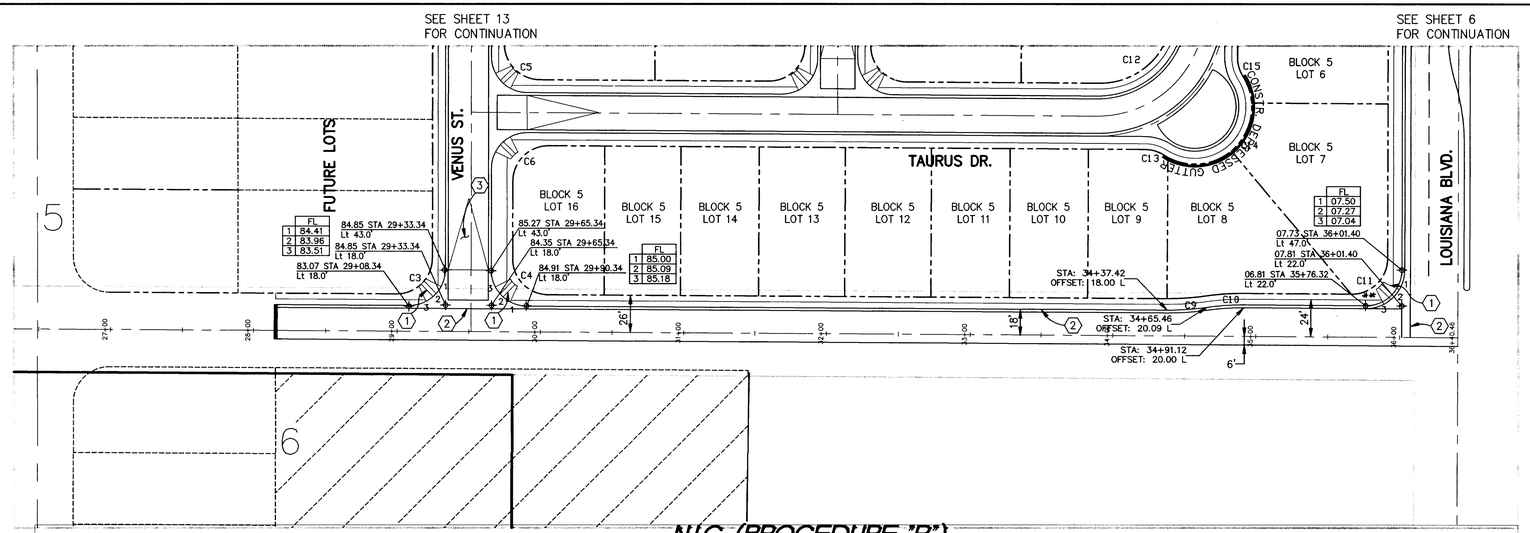
CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: LA CUEVA OESTE, UNIT 1
PAVING PLAN AND PROFILE
CORONA AVE. – STA: 24+50 TO STA: 36+43.15

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN	B.J. Stockly	10-3-95	WATER		
TRANSPORTATION	R. Dourte	8-17-95	WASTE WATER	N/A GSR	8/31/95
HYDROLOGY	N/A Sme	9-15-95			

PROJECT NO.	MAP NO.	SHEET	OF
5232.90	C-18-Z	7	29

SCANNED BY
BY LASON

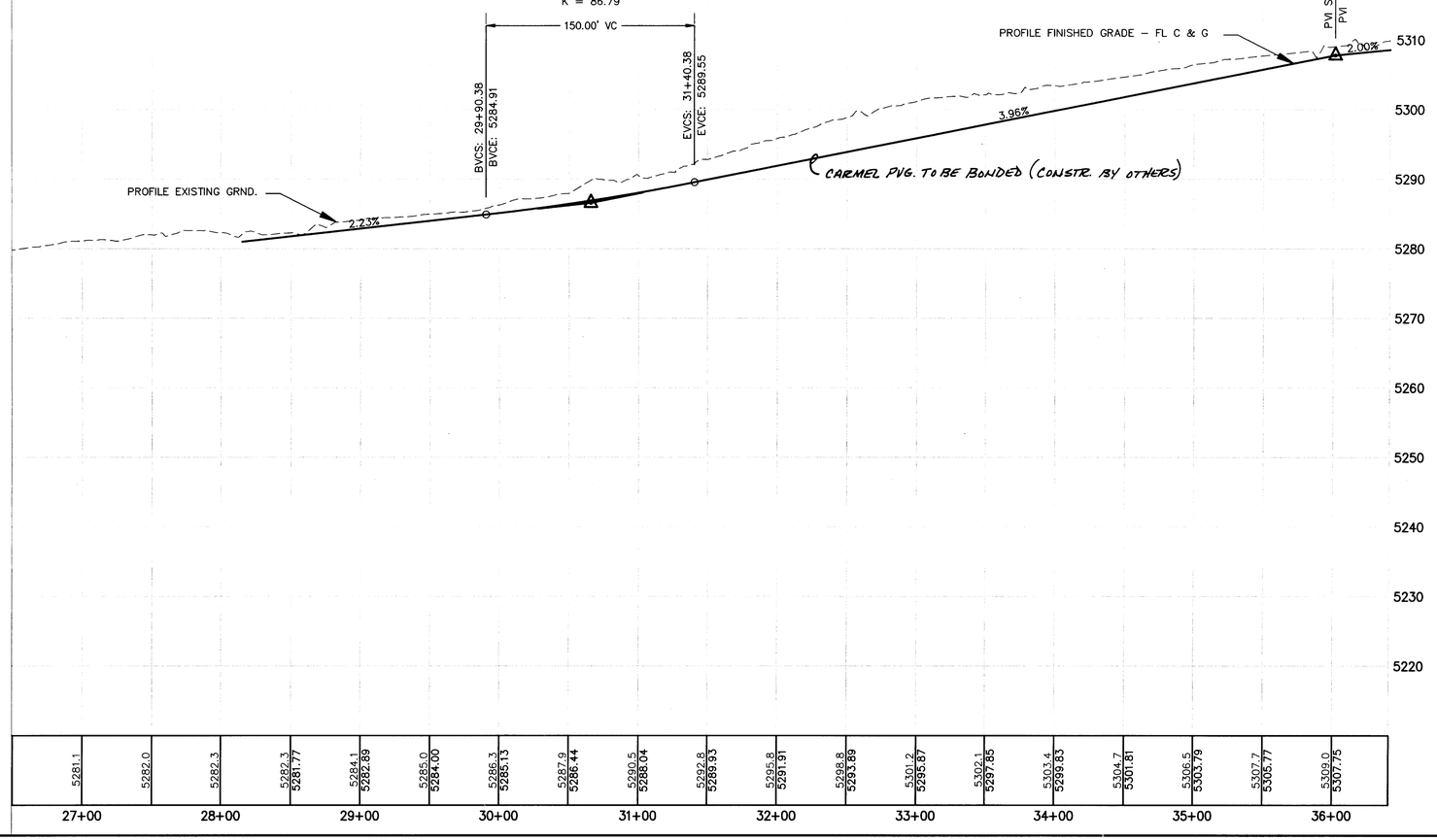


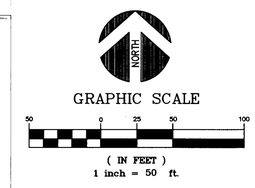
N.I.C. (PROCEDURE "B")

CARMEL AVE.

(TO BE BONDED)

PVI STA = 30+65.38
PVI ELEV = 5286.58
A.D. = 1.73
K = 86.79





SCALE
HORIZ: 1"=50'
VERT: 1"=10'

NOTES:

1. NEW ELEVATIONS SHOWN ARE FLOWLINE OF CURB AND GUTTER UNLESS OTHERWISE NOTED.
2. THE FOLLOWING CITY OF ALBUQUERQUE STANDARD DETAIL DRAWINGS APPLY TO THIS SHEET:
   DWG 2401 – TYP. RES. STREET INTERS.
   DWG 2405 – RESIDENTIAL STREET SECTION
   DWG 2415 – CURB AND GUTTER
   DWG 2418 – MOUNTABLE TO STANDARD CURB TRANSITION
   DWG 2420 – CONCRETE VALLEY GUTTER
   DWG 2430 – SIDEWALK DETAILS
   DWG 2440 – WHEEL CHAIR RAMP
   DWG 2441 – WHEEL CHAIR RAMP
3. SEE PLAT, SHEET 2, FOR RIGHT OF WAY WIDTHS AND STREET CENTERLINE BEARING & DISTANCE INFORMATION.
4. SEE SHEET 4 FOR CURVE DATA AT FACE OF CURB TABLE.

⬡ CONSTRUCTION KEYED NOTES:

1 CONSTRUCT P.C.C. SIDEWALK, 4" THICK, TRANSITIONS TO HANDICAP ACCESS RAMPS AND P.C.C. RAMP PER STD. DWG.# 2441.
** WHEEL CHAIR RAMPS MODIFIED TO EXTEND LATERAL RAMP AREA(S) TO ALIGN WITH PC OR PT OF CURB RETURNS (SEE SHT. 27).

2 CONSTRUCT P.C.C. VALLEY GUTTER AND GUTTER AND CURB PER STD. DWG.# 2420, 6' WIDE WITH 1" INVERT DEPTH.

3 NO CROWN TRANSITION (50' LENGTH).

4 4' WIDE P.C.C. SIDEWALK (NOT IN THIS CONTRACT).

AS BUILT INFORMATION
CONTRACTOR New Concepts DATE 10/15
WORK STAKED BY COA DATE 3/96
INSPECTOR'S ACCEPTANCE BY L. Romero DATE 3/96
FIELD VERIFICATION BY L.K. DATE 3/96
DRAWINGS CORRECTED BY L.K. DATE 9/96
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS
ACS STA. No. 1–C19
Y=1518845.74
X=404941.91
Z=5318.195

SURVEY INFORMATION
FIELD NOTES
NO. BY DATE

ENGINEER'S SEAL
Terry O. Brown
8/16/95

NO. DATE REMARKS
REVISIONS
DESIGN
DESIGNED BY: TOB DATE: 07/95
DRAWN BY: TOB DATE: 07/95
CHECKED BY: TOB DATE: 07/95

26-5232.90 0896

Terry O. Brown, P.E.
P. O. Box 92051
Albuquerque, N.M. 87199
(505) 883-8807

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

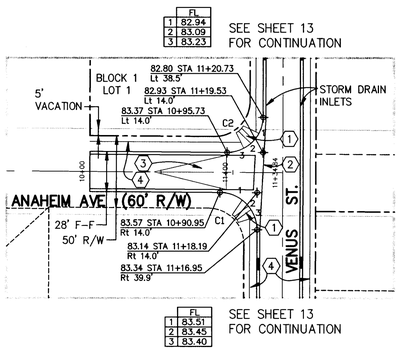
TITLE: LA CUEVA OESTE, UNIT 1
PAVING PLAN AND PROFILE
CARMEL AVE.

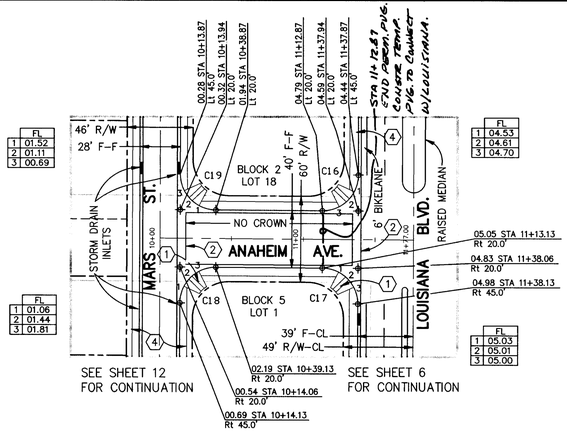
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN	B.J. Goolsby	10-3-95	WATER		
TRANSPORTATION	L. Romero	8-17-95	WASTE WATER	N/A GSK	8/21/95
HYDROLOGY	N/A Sac	7-15-95			

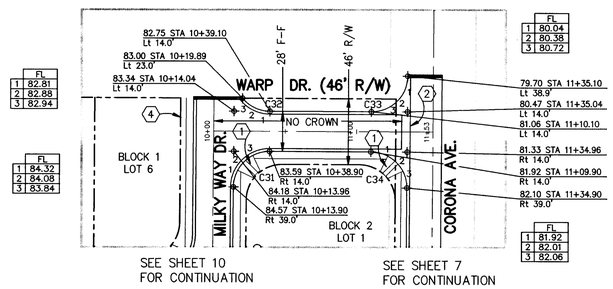
PROJECT NO.	MAP NO.	SHEET	OF
5232.90	C-18-Z	8	29

LC_PP.DWG / VIEW:R;2

SCANNED BY
BY LASON







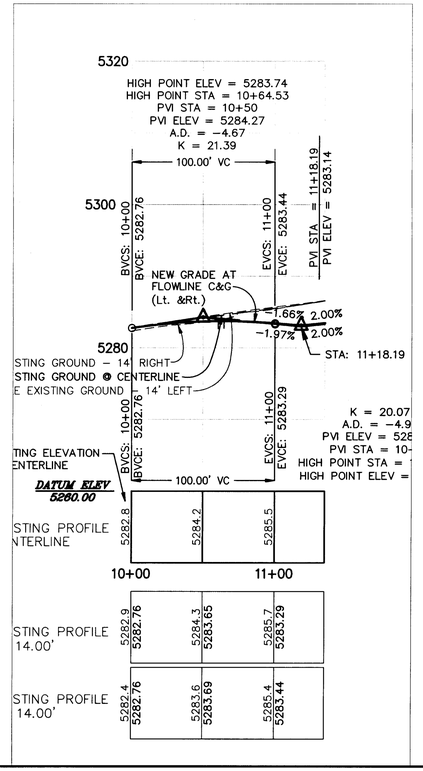
NORTH

GRAPHIC SCALE

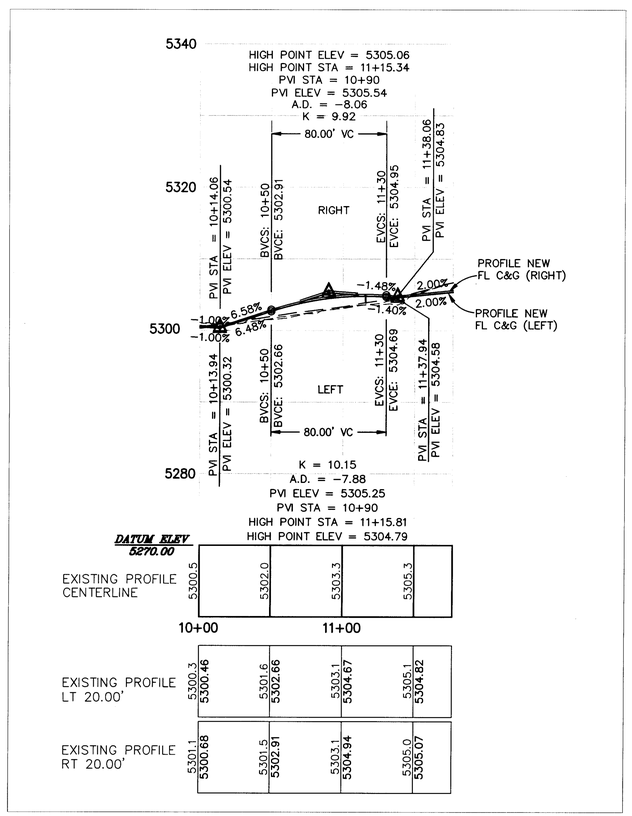
(IN FEET)
1 inch = 50 ft.

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

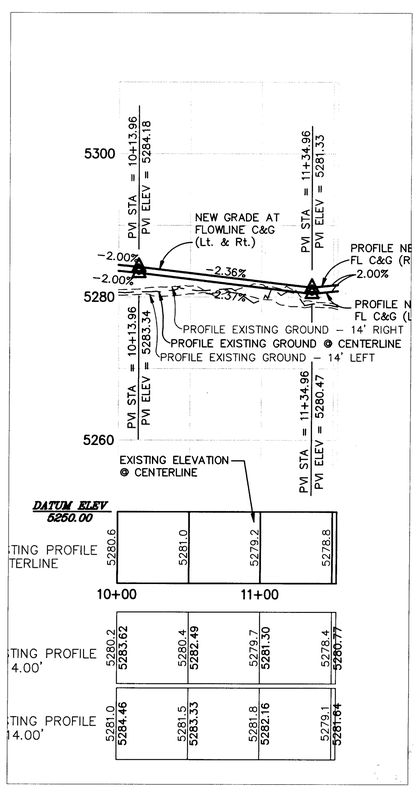
ANAHEIM AVE. (WEST)



ANAHEIM AVE. (EAST)



WARP DR.



NOTES:

1. NEW ELEVATIONS SHOWN ARE FLOWLINE OF CURB AND GUTTER UNLESS OTHERWISE NOTED.
2. THE FOLLOWING CITY OF ALBUQUERQUE STANDARD DETAIL DRAWINGS APPLY TO THIS SHEET:
   - DWG 2401 – TYP. RES. STREET INTERS.
   - DWG 2405 – RESIDENTIAL STREET SECTION
   - DWG 2415 – CURB AND GUTTER
   - DWG 2418 – MOUNTABLE TO STANDARD CURB TRANSITION
   - DWG 2420 – CONCRETE VALLEY GUTTER
   - DWG 2430 – SIDEWALK DETAILS
   - DWG 2440 – WHEEL CHAIR RAMP
   - DWG 2441 – WHEEL CHAIR RAMP
3. SEE PLAT, SHEET 2, FOR RIGHT OF WAY WIDTHS AND STREET CENTERLINE BEARING & DISTANCE INFORMATION.
4. SEE SHEET 4 FOR CURVE DATA AT FACE OF CURB TABLE.

CONSTRUCTION KEYED NOTES:

1 CONSTRUCT P.C.C. SIDEWALK, 4" THICK, TRANSITIONS TO HANDICAP ACCESS RAMPS AND P.C.C. RAMP PER STD. DWG.# 2441.

** WHEEL CHAIR RAMPS MODIFIED TO EXTEND LATERAL RAMP AREA(S) TO ALIGN WITH PC OR PT OF CURB RETURNS (SEE SHT. 27).

2 CONSTRUCT P.C.C. VALLEY GUTTER AND GUTTER AND CURB PER STD. DWG.# 2420, 6' WIDE WITH 1" INVERT DEPTH.

3 NO CROWN TRANSITION (50' LENGTH).

4 4' WIDE P.C.C. SIDEWALK (NOT IN THIS CONTRACT).

AS BUILT INFORMATION
CONTRACTOR New Concepts DATE 12/95
WORK STAKED BY COA DATE 3/96
INSPECTOR'S ACCEPTANCE BY L. Romero DATE 3/96
FIELD VERIFICATION BY L.R. DATE 4/96
DRAWINGS CORRECTED BY L.R.
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS
ACS STA. No. 1-C19
Y=1518845.74
X=404941.91
Z=5318.195

SURVEY INFORMATION
FIELD NOTES
NO. BY DATE

ENGINEER'S SEAL
Terry O. Brown
8/14/95

26-5232, 90 0996

NO.	DATE	REMARKS REVISIONS DESIGN	BY
		DESIGNED BY: TOB	DATE: 07/95
		DRAWN BY: TOB	DATE: 07/95
		CHECKED BY: TOB	DATE: 07/95

Terry O. Brown, P.E.
P. O. Box 92051
Albuquerque, NM 87199
(505) 883-8807

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

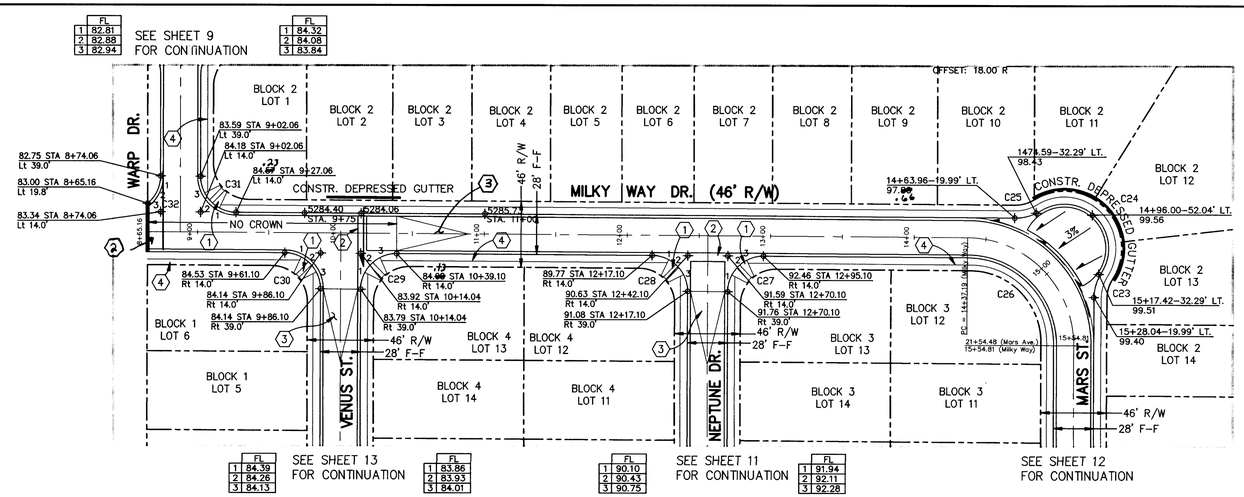
TITLE: LA CUEVA OESTE, UNIT 1
PAVING PLAN AND PROFILE
ANAHEIM AVE. (WEST), ANAHEIM AVE. (EAST) & WARP DR.

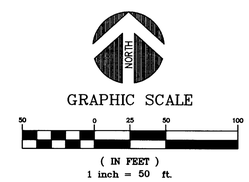
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN			WATER		
TRANSPORTATION		8-17-95	WASTE WATER	N/A GBR	8/31/95
HYDROLOGY	N/A	9-15-95			

PROJECT NO.	MAP NO.	SHEET	OF
5232.90	C-18-Z	9	29

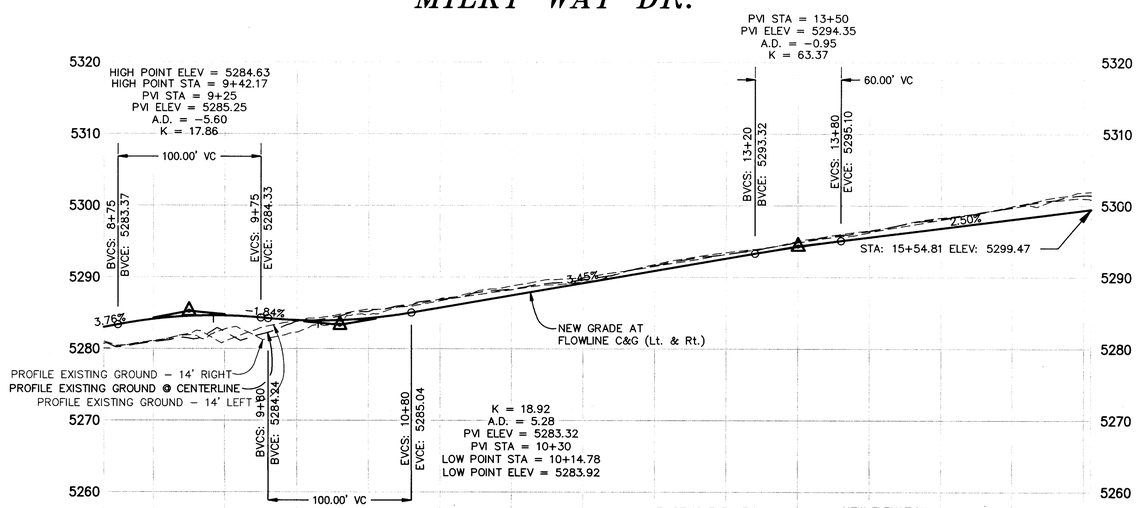
SCANNED BY BY LASON

LC_PP.DWG / VIEW:R;8





MILKY WAY DR.



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

NOTES:

1. NEW ELEVATIONS SHOWN ARE FLOWLINE OF CURB AND GUTTER UNLESS OTHERWISE NOTED.
2. THE FOLLOWING CITY OF ALBUQUERQUE STANDARD DETAIL DRAWINGS APPLY TO THIS SHEET:
   - DWG 2401 – TYP. RES. STREET INTERS.
   - DWG 2405 – RESIDENTIAL STREET SECTION
   - DWG 2415 – CURB AND GUTTER
   - DWG 2418 – MOUNTABLE TO STANDARD CURB TRANSITION
   - DWG 2420 – CONCRETE VALLEY GUTTER
   - DWG 2430 – SIDEWALK DETAILS
   - DWG 2440 – WHEEL CHAIR RAMP
   - DWG 2441 – WHEEL CHAIR RAMP
3. SEE PLAT, SHEET 2, FOR RIGHT OF WAY WIDTHS AND STREET CENTERLINE BEARING & DISTANCE INFORMATION.
4. SEE SHEET 4 FOR CURVE DATA AT FACE OF CURB TABLE.

CONSTRUCTION KEYED NOTES:

1 CONSTRUCT P.C.C. SIDEWALK, 4" THICK, TRANSITIONS TO HANDICAP ACCESS RAMPS AND P.C.C. RAMP PER STD. DWG.# 2441.
** WHEEL CHAIR RAMPS MODIFIED TO EXTEND LATERAL RAMP AREA(S) TO ALIGN WITH PC OR PT OF CURB RETURNS (SEE SHT. 27).

2 CONSTRUCT P.C.C. VALLEY GUTTER AND GUTTER AND CURB PER STD. DWG.# 2420, 6' WIDE WITH 1" INVERT DEPTH.

3 NO CROWN TRANSITION (50' LENGTH).

4 4' WIDE P.C.C. SIDEWALK (NOT IN THIS CONTRACT).

AS BUILT INFORMATION
CONTRACTOR New Concepts DATE 10/95
WORK STAKED BY C.O.A. DATE 3/96
INSPECTOR'S AUDIT CHECK BY L. Romero DATE 3/96
FIELD VERIFICATION BY L.R. DATE 3/96
DRAWINGS CORRECTED BY L.R. DATE 3/96
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS
ACS STA. No. 1-C19
Y=1518845.74
X=404941.91
Z=5318.195

SURVEY INFORMATION
FIELD NOTES
NO. BY DATE

ENGINEER'S SEAL
Terry O. Brown
8/16/95

NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	

DESIGNED BY: TOB DATE: 07/95
DRAWN BY: TOB DATE: 07/95
CHECKED BY: TOB DATE: 07/95

24-52312.90 1096

Terry O. Brown, P.E.
P. O. Box 92051
Albuquerque, NM 87199
(505) 883-8807

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

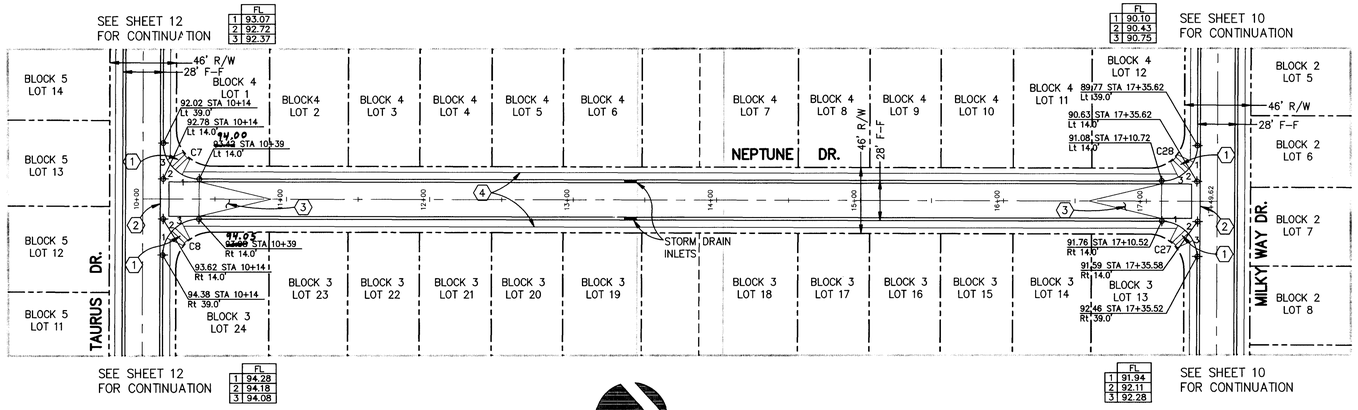
TITLE: LA CUEVA OESTE, UNIT 1
PAVING PLAN AND PROFILE
MILKY WAY DR.

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN		10-3-95	WATER		
TRANSPORTATION		8-17-95	WASTE WATER		8/31/95
HYDROLOGY	N/A	9-15-95			

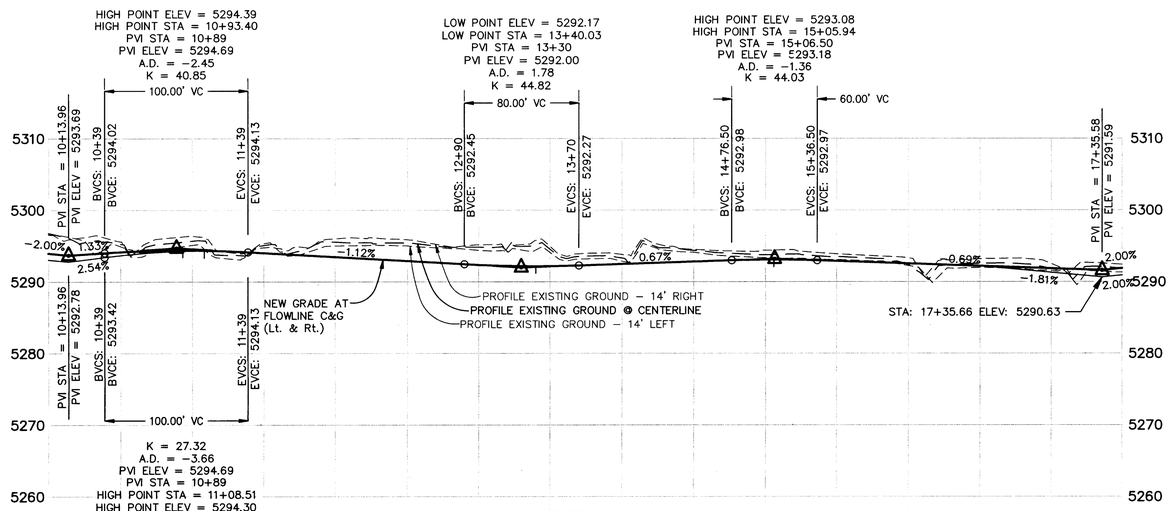
PROJECT NO.	MAP NO.	SHEET	OF
5232.90	C-18-Z	10	29

SCANNED BY BY LASON

LC_PP.DWG / VIEW;R;6



NEPTUNE DR.



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

EXISTING ELEVATION @ CENTERLINE

DATUM ELEV 5250.00

EXISTING PROFILE CENTERLINE	5296.8	5295.3	5295.7	5295.1	5295.5	5295.4	5294.8	5294.6	5293.3	5294.4	5293.8	5293.5	5292.3	5292.5	5291.8
	10+00	11+00	12+00	13+00	14+00	15+00	16+00	17+00						
EXISTING PROFILE LT 14.00'	5296.6	5294.9 / 5293.68	5295.1 / 5294.29	5294.8 / 5294.01	5295.0 / 5293.45	5295.0 / 5292.89	5294.4 / 5292.35	5294.1 / 5292.18	5292.9 / 5292.47	5294.1 / 5292.80	5293.3 / 5293.07	5293.1 / 5292.88	5292.2 / 5292.53	5291.9 / 5292.18	5291.5 / 5291.28
EXISTING PROFILE RT 14.00'	5296.7	5295.6 / 5294.16	5296.4 / 5294.38	5295.3 / 5294.01	5296.0 / 5293.45	5295.9 / 5292.89	5295.2 / 5292.35	5295.0 / 5292.18	5293.8 / 5292.47	5294.5 / 5292.80	5294.4 / 5293.07	5293.9 / 5292.88	5293.3 / 5292.53	5293.2 / 5292.18	5292.5 / 5291.84

PLANNED BY
BY LASON

LC_PP.DWG / VIEW:R:1

NOTES:

1. NEW ELEVATIONS SHOWN ARE FLOWLINE OF CURB AND GUTTER UNLESS OTHERWISE NOTED.
2. THE FOLLOWING CITY OF ALBUQUERQUE STANDARD DETAIL DRAWINGS APPLY TO THIS SHEET:
   - DWG 2401 – TYP. RES. STREET INTERS.
   - DWG 2405 – RESIDENTIAL STREET SECTION
   - DWG 2415 – CURB AND GUTTER
   - DWG 2418 – MOUNTABLE TO STANDARD CURB TRANSITION
   - DWG 2420 – CONCRETE VALLEY GUTTER
   - DWG 2430 – SIDEWALK DETAILS
   - DWG 2440 – WHEEL CHAIR RAMP
   - DWG 2441 – WHEEL CHAIR RAMP
3. SEE PLAT, SHEET 2, FOR RIGHT OF WAY WIDTHS AND STREET CENTERLINE BEARING & DISTANCE INFORMATION.
4. SEE SHEET 4 FOR CURVE DATA AT FACE OF CURB TABLE.

CONSTRUCTION KEYED NOTES:

1 CONSTRUCT P.C.C. SIDEWALK, 4" THICK, TRANSITIONS TO HANDICAP ACCESS RAMPS AND P.C.C. RAMP PER STD. DWG.# 2441.
** WHEEL CHAIR RAMPS MODIFIED TO EXTEND LATERAL RAMP AREA(S) TO ALIGN WITH PC OR PT OF CURB RETURNS (SEE SHT. 27).

2 CONSTRUCT P.C.C. VALLEY GUTTER AND GUTTER AND CURB PER STD. DWG.# 2420, 6' WIDE WITH 1" INVERT DEPTH.

3 NO CROWN TRANSITION (50' LENGTH).

4 4' WIDE P.C.C. SIDEWALK (NOT IN THIS CONTRACT).

AS BUILT INFORMATION
CONTRACTOR New Concepts DATE 2/95
WORK STAKED BY COA DATE 3/96
STAKED BY ACCEPTANCE L. Romero DATE 3/96
FIELD VERIFICATION BY L.R. DATE 3/96
RECORD DRAWINGS CORRECTED BY L.R. DATE 3/96
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS
ACS STA. No. 1-C19
Y=1518845.74
X=404941.91
Z=5318.195

SURVEY INFORMATION
FIELD NOTES
BY DATE
NO.

ENGINEER'S SEAL
Terry O. Brown
8/16/95

NO.	DATE	REMARKS REVISIONS	BY
		DESIGN	

DESIGNED BY: TOB DATE: 07/95
DRAWN BY: TOB DATE: 07/95
CHECKED BY: TOB DATE: 07/95

26-5232.90 1196

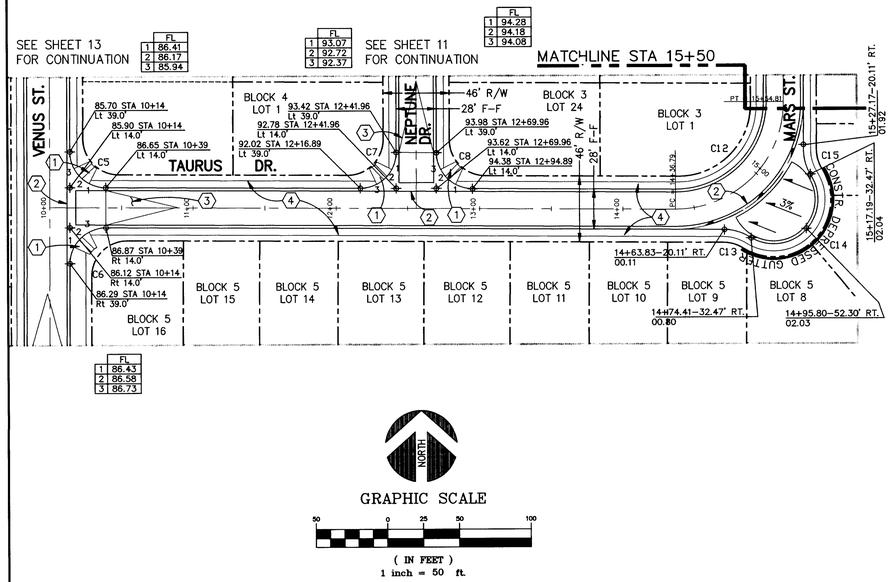
Terry O. Brown, P.E.
P. O. Box 92051
Albuquerque, NM 87199
(505) 883-8807

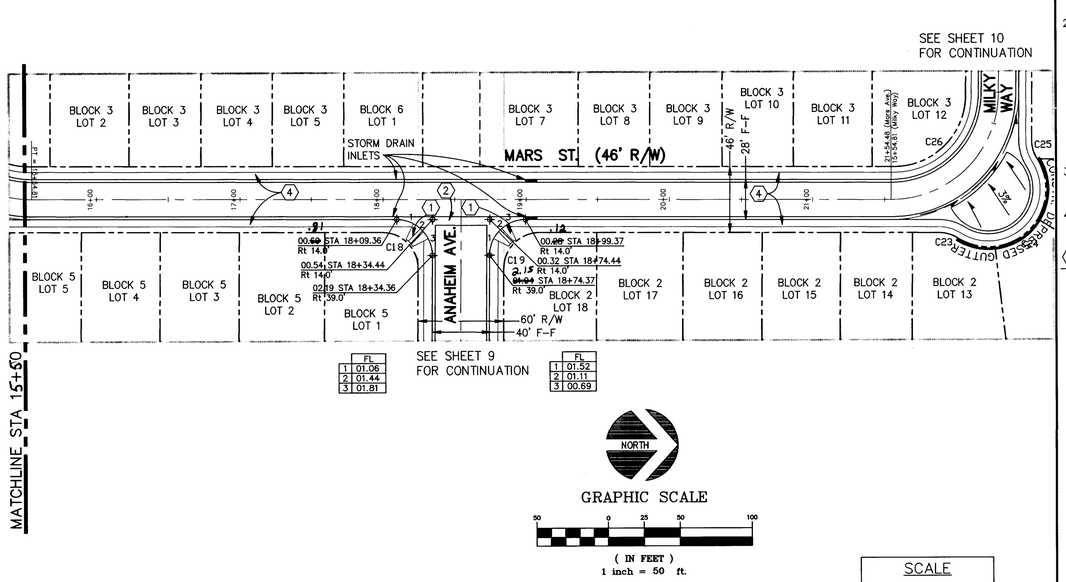
CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: LA CUEVA OESTE, UNIT 1
PAVING PLAN AND PROFILE
NEPTUNE DR.

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN			WATER		
TRANSPORTATION		10-3-95	WASTE WATER	N/A	8/31/95
HYDROLOGY	N/A	9-15-95			

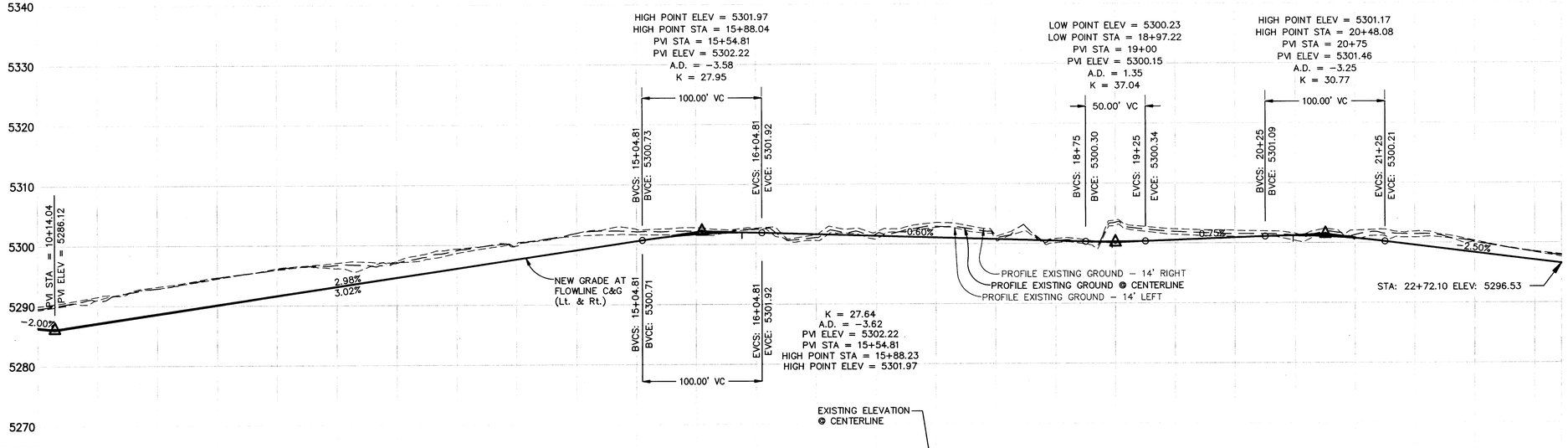
PROJECT NO.	MAP NO.	SHEET	OF
5232.90	C-18-Z	11	29





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

TAURUS DR. / MARS ST.



SCANNED BY BY LASON

LC_PP.DWG / VIEW;R;7

NOTES:

1. NEW ELEVATIONS SHOWN ARE FLOWLINE OF CURB AND GUTTER UNLESS OTHERWISE NOTED.
2. THE FOLLOWING CITY OF ALBUQUERQUE STANDARD DETAIL DRAWINGS APPLY TO THIS SHEET:
   - DWG 2401 – TYP. RES. STREET INTERS.
   - DWG 2405 – RESIDENTIAL STREET SECTION
   - DWG 2415 – CURB AND GUTTER
   - DWG 2418 – MOUNTABLE TO STANDARD CURB TRANSITION
   - DWG 2420 – CONCRETE VALLEY GUTTER
   - DWG 2430 – SIDEWALK DETAILS
   - DWG 2440 – WHEEL CHAIR RAMP
   - DWG 2441 – WHEEL CHAIR RAMP
3. SEE PLAT, SHEET 2, FOR RIGHT OF WAY WIDTHS AND STREET CENTERLINE BEARING & DISTANCE INFORMATION.
4. SEE SHEET 4 FOR CURVE DATA AT FACE OF CURB TABLE.

CONSTRUCTION KEYED NOTES:

1 CONSTRUCT P.C.C. SIDEWALK, 4" THICK, TRANSITIONS TO HANDICAP ACCESS RAMPS AND P.C.C. RAMP PER STD. DWG.# 2441.
** WHEEL CHAIR RAMPS MODIFIED TO EXTEND LATERAL RAMP AREA(S) TO ALIGN WITH PC OR PT OF CURB RETURNS (SEE SHT. 27).

2 CONSTRUCT P.C.C. VALLEY GUTTER AND GUTTER AND CURB PER STD. DWG.# 2420, 6' WIDE WITH 1" INVERT DEPTH.

3 NO CROWN TRANSITION (50' LENGTH).

4 4' WIDE P.C.C. SIDEWALK (NOT IN THIS CONTRACT).

AS BUILT INFORMATION
CONTRACTOR New Concepts DATE 3/95
WORK STAKED BY COA DATE 3/96
INSPECTOR ACCEPTANCE BY L. Romero DATE 3/96
FIELD VERIFICATION BY L.R. DATE 8/96
DRAWINGS CORRECTED BY L.R. DATE 8/96
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS
ACS STA. No. 1-C19
Y=1518845.74
X=404941.91
Z=5318.195

SURVEY INFORMATION
FIELD NOTES
NO. BY DATE

ENGINEER'S SEAL
Terry O. Brown 8/16/95

NO. DATE REMARKS BY
REVISIONS
DESIGN DATE: 07/95 DESIGNED BY: TOB
DATE: 07/95 DRAWN BY: TOB
DATE: 07/95 CHECKED BY: TOB

24-5 23 12 910 171296

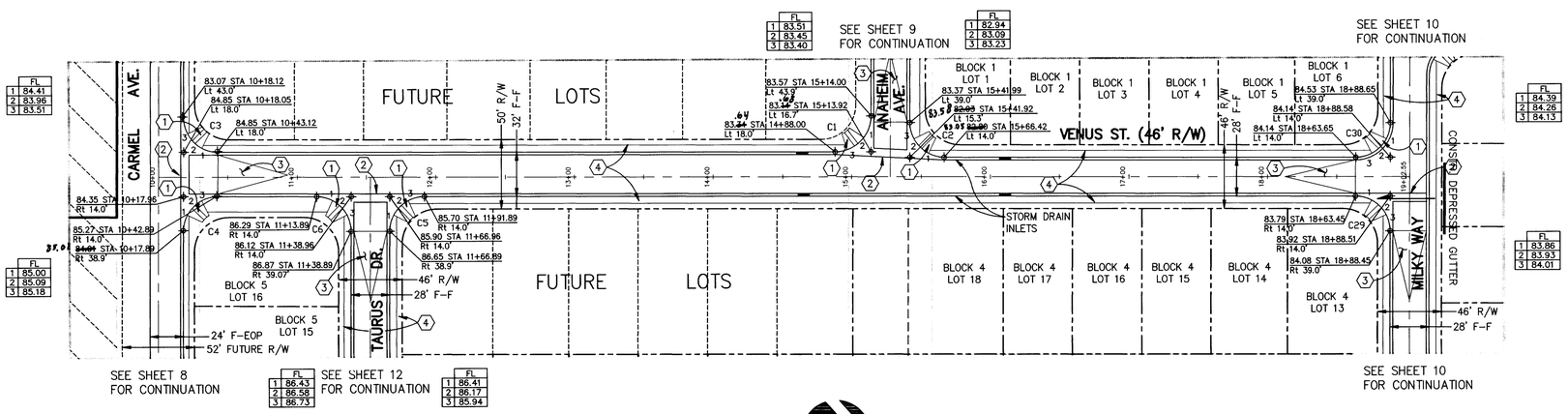
Terry O. Brown, P.E.
P. O. Box 92051
Albuquerque, NM 87199
(505) 883-8807

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: LA CUEVA OESTE, UNIT 1
PAVING PLAN AND PROFILE
TAURUS DR. / MARS ST.

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN	B.J. Gockley	10-3-95	WATER		
TRANSPORTATION	N. Dourte	8-17-95	WASTE WATER	N/A 68K	8/31/95
HYDROLOGY	N/A Sme	9-15-95			

PROJECT NO.	MAP NO.	SHEET	OF
5232.90	C-18-Z	12	29



SCALE
HORIZ: 1"=50'
VERT: 1"=10'

NOTES:

1. NEW ELEVATIONS SHOWN ARE FLOWLINE OF CURB AND GUTTER UNLESS OTHERWISE NOTED.
2. THE FOLLOWING CITY OF ALBUQUERQUE STANDARD DETAIL DRAWINGS APPLY TO THIS SHEET:
   - DWG 2401 – TYP. RES. STREET INTERS.
   - DWG 2405 – RESIDENTIAL STREET SECTION
   - DWG 2415 – CURB AND GUTTER
   - DWG 2418 – MOUNTABLE TO STANDARD CURB TRANSITION
   - DWG 2420 – CONCRETE VALLEY GUTTER
   - DWG 2430 – SIDEWALK DETAILS
   - DWG 2440 – WHEEL CHAIR RAMP
   - DWG 2441 – WHEEL CHAIR RAMP
3. SEE PLAT, SHEET 2, FOR RIGHT OF WAY WIDTHS AND STREET CENTERLINE BEARING & DISTANCE INFORMATION.
4. SEE SHEET 4 FOR CURVE DATA AT FACE OF CURB TABLE.

CONSTRUCTION KEYED NOTES:

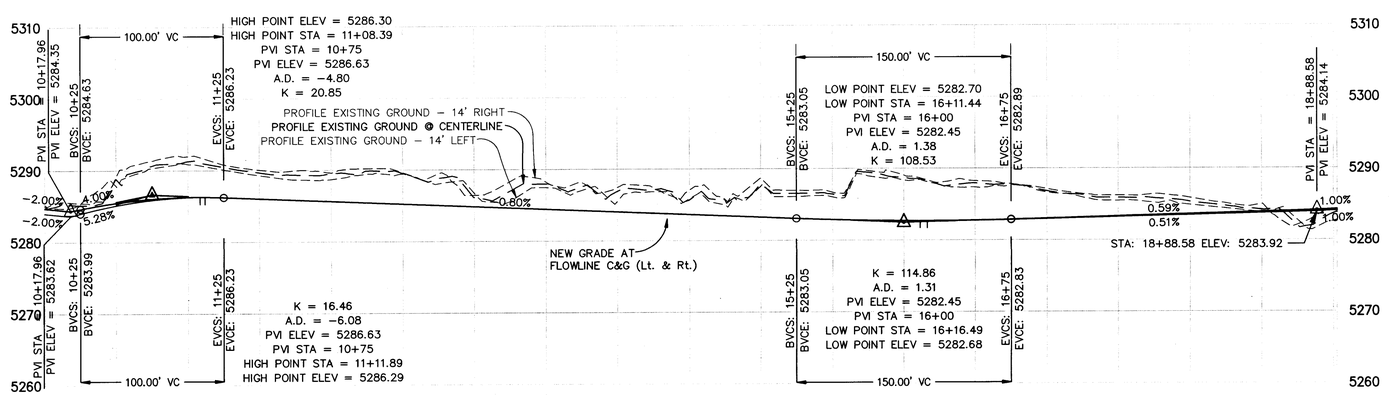
1 CONSTRUCT P.C.C. SIDEWALK, 4" THICK, TRANSITIONS TO HANDICAP ACCESS RAMPS AND P.C.C. RAMP PER STD. DWG.# 2441.
** WHEEL CHAIR RAMPS MODIFIED TO EXTEND LATERAL RAMP AREA(S) TO ALIGN WITH PC OR PT OF CURB RETURNS (SEE SHT. 27).

2 CONSTRUCT P.C.C. VALLEY GUTTER AND GUTTER AND CURB PER STD. DWG.# 2420, 6' WIDE WITH 1" INVERT DEPTH.

3 NO CROWN TRANSITION (50' LENGTH).

4 4' WIDE P.C.C. SIDEWALK (NOT IN THIS CONTRACT).

VENUS ST.



26-5232.90 1396

Terry O. Brown, P.E.
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Albuquerque, NM 87199
(505) 883-8807

AS BUILT INFORMATION
CONTRACTOR New concepts DATE 12/15
WORK STAKED BY COA DATE 3/16
STAKING ACCEPTANCE BY L.R. Romero DATE 3/16
FIELD VERIFICATION BY L.R. DATE 3/16
DRAWINGS CORRECTED BY L.R. DATE 3/16
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS
ACS STA. No. 1-C19
Y=1518845.74
X=404941.91
Z=5318.195

SURVEY INFORMATION
FIELD NOTES
NO. DATE BY

ENGINEER'S SEAL
Terry O. Brown 8/16/95

NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	

DESIGNED BY: TOB DATE: 07/95
DRAWN BY: TOB DATE: 07/95
CHECKED BY: TOB DATE: 07/95

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

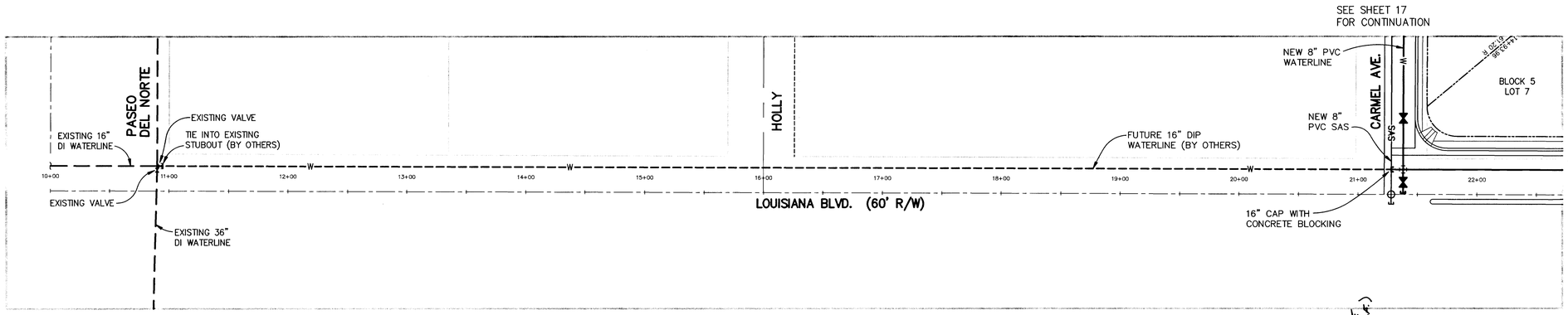
TITLE: LA CUEVA OESTE, UNIT 1
PAVING PLAN & PROFILE
VENUS ST.

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN	S.J. Godsey	10-3-95	WATER		
TRANSPORTATION	R. Romero	8-17-95	WASTE WATER	N/A GSR	8/31/95
HYDROLOGY	N/A Sec	9-15-95			

PROJECT NO.	MAP NO.	SHEET	OF
5232.90	C-18-Z	13	29

SCANNED BY BY LASON

LC_PP.DWG / VIEW;R;9



GRAPHIC SCALE

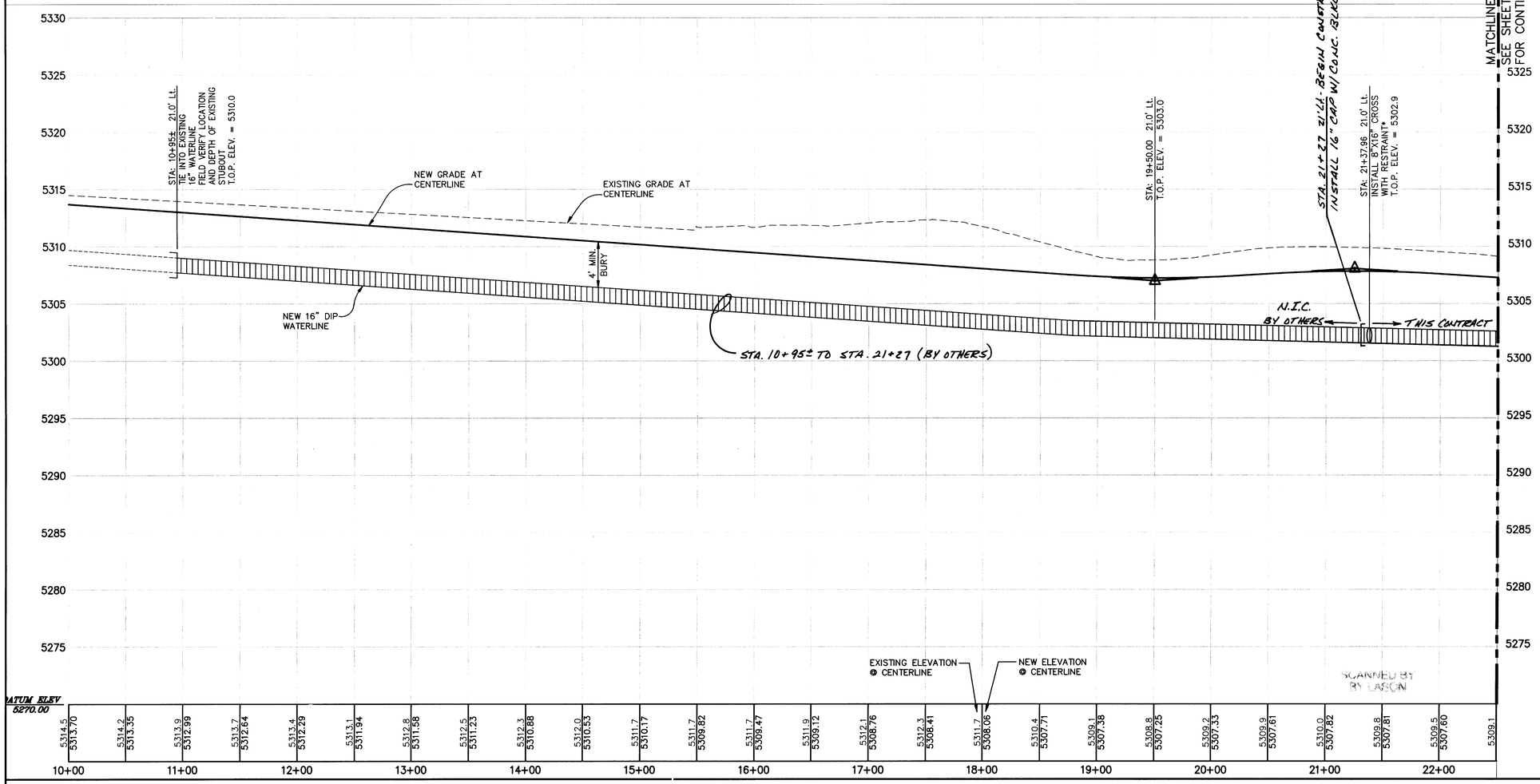
50 0 25 50 100

(IN FEET)
1 inch = 50 ft.

NORTH

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

LOUISIANA BLVD.



SCANNED BY RY LASON

LC_UPP.DWG / VIEW;R;33

LEGEND

- NEW CURB & GUTTER
- NEW SAS MAINLINE — SAS
- NEW SAS SERVICE LINE — S
- NEW SAS MANHOLE
- NEW WATER MAINLINE — W
- NEW WATER SERVICE LINE
- NEW GATE VALVE
- NEW FIRE HYDRANT
- NEW STREET LIGHT
- NEW VALLEY GUTTER

WATER AND SEWER NOTES

1. CONSTRUCT 4'ø TYPE "E" MANHOLES PER STD. DWG.# 2102.
2. CONSTRUCT SAS SERVICE LINES PER STD. DWG.# 2125.
3. CONSTRUCT ALL CONCRETE BLOCKING PER STD. DWG.# 2320. CONCRETE BLOCKING SHALL BE UTILIZED ONLY WHERE SPECIFICALLY CALLED OUT ON PLAN.
4. CONSTRUCT ALL VALVE BOXES PER ~~NEW~~ C.O.A. VALVE BOX DETAIL ~~WITH NON-TAPERED CONCRETE COLLAR.~~ No. 2325.
5. CONSTRUCT ALL FIRE HYDRANTS PER DESIGNATED DEPTHS AND LENGTHS PER STD. DWG.# 2340. USE FULL RESTRAINT ON FIRE HYDRANT LEGS FROM MAIN TO FIRE HYDRANT FLANGE.
6. CONSTRUCT ALL SINGLE AND DOUBLE WATER SERVICE LINES PER STD. DWG.# 2361, 2362 AND 2363.
7. SEE SHEET 4 FOR SAS AND WATER SERVICE INFORMATION.

*8. RESTRAINT DISTANCES FOR PIPE FITTINGS SHALL BE DEFINED BY TABLE ON SHEET 4.

9. ALL WATERLINES SHALL BE C-900 PVC UNLESS OTHERWISE NOTED.

26-5232.90 1496

Terry O. Brown, P.E.
P. O. Box 92051
Albuquerque, N.M. 87199
(505) 883-8807

AS BUILT INFORMATION
CONTRACTOR New Concepts DATE 12/95
WORK STAKED BY C.O.A. DATE 3/96
ACCEPTANCE BY L. Romero DATE 3/96
FIELD VERIFICATION BY L.R. DATE 4/96
DRAWINGS CORRECTED BY L.R.
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS
ACS STA. No. 1-C19
Y=1518845.74
X=404941.91
Z=5318.195

SURVEY INFORMATION
FIELD NOTES
NO. BY DATE

ENGINEER'S SEAL
Terry O. Brown 8/16/95

NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	

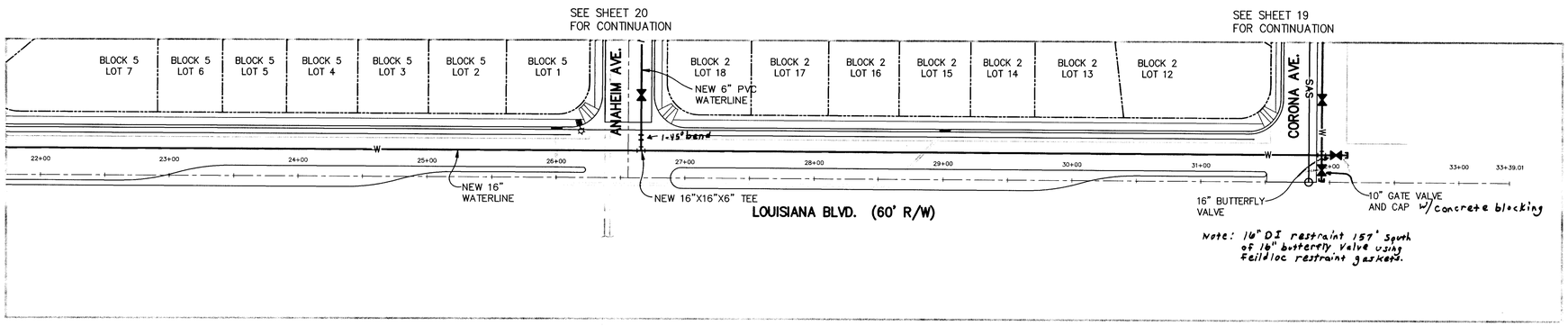
DESIGNED BY: TOB DATE: 08/95
DRAWN BY: TOB DATE: 08/95
CHECKED BY: TOB DATE: 08/95

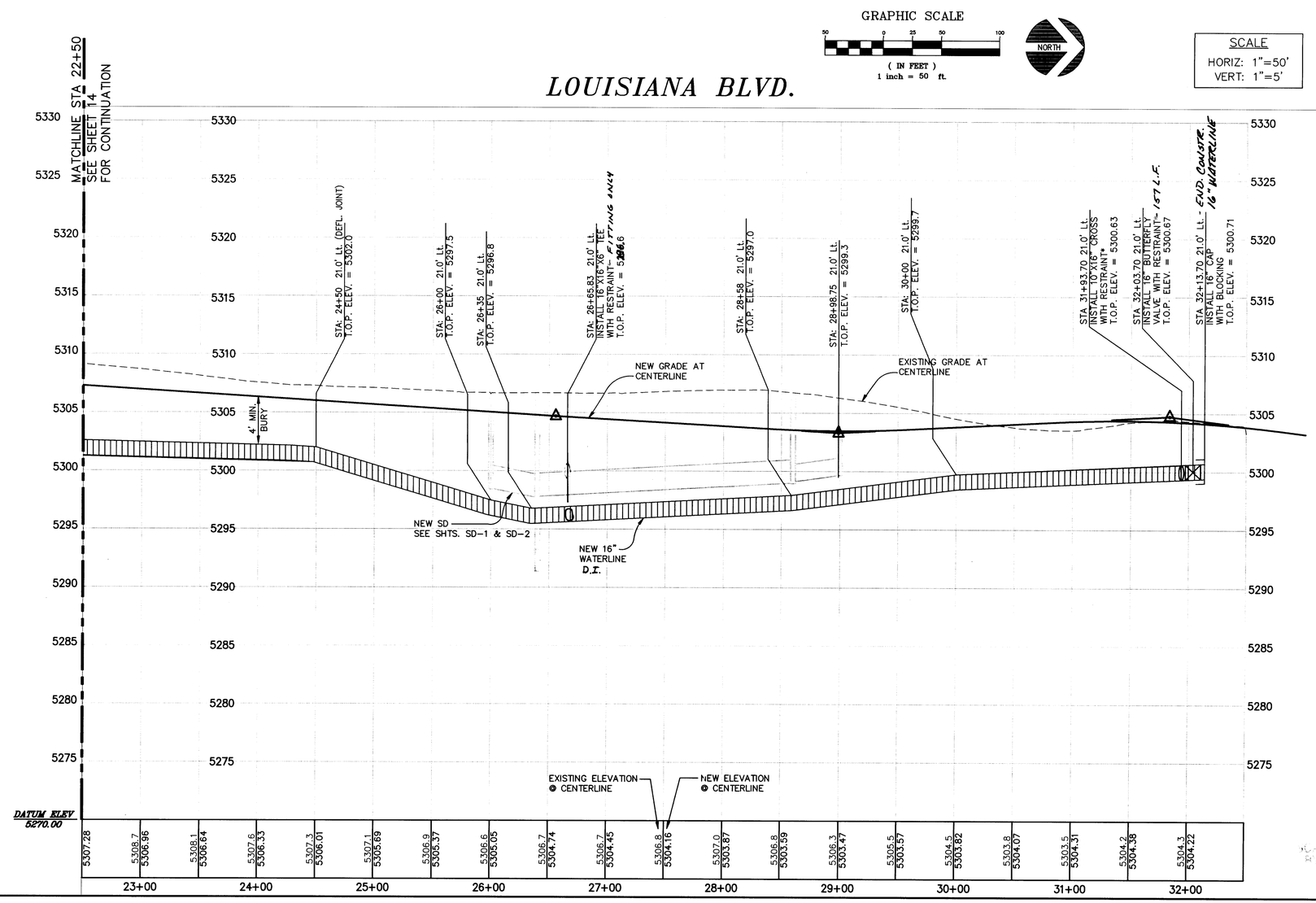
CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: LA CUEVA OESTE, UNIT 1
UTILITY PLAN AND PROFILE
LOUISIANA BLVD. – STA:10+00 TO STA:22+50

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN	B.J. Soolsby	10-3-95	WATER		
TRANSPORTATION		8-17-95	WASTE WATER	G. Meeder	8/31/95
HYDROLOGY	N/A	9-15-95			

PROJECT NO.	MAP NO.	SHEET	OF
5232.90	C-18-Z	14	29





PLANNED BY R. JASON

LC_UPP.DWG / VIEW:R:3

LEGEND

- NEW CURB & GUTTER
- NEW SAS MAINLINE — SAS —
- NEW SAS SERVICE LINE
- NEW SAS MANHOLE
- NEW WATER MAINLINE — W —
- NEW WATER SERVICE LINE
- NEW GATE VALVE
- NEW FIRE HYDRANT
- NEW STREET LIGHT
- NEW VALLEY GUTTER

WATER AND SEWER NOTES

1. CONSTRUCT 4'ø TYPE "E" MANHOLES PER STD. DWG.# 2102.
2. CONSTRUCT SAS SERVICE LINES PER STD. DWG.# 2125.
3. CONSTRUCT ALL CONCRETE BLOCKING PER STD. DWG.# 2320. CONCRETE BLOCKING SHALL BE UTILIZED ONLY WHERE SPECIFICALLY CALLED OUT ON PLAN.
4. CONSTRUCT ALL VALVE BOXES PER ~~NEW~~ C.O.A. VALVE BOX DETAIL ~~WITH NON-TAPERED CONCRETE COLLAR~~ No. 2325.
5. CONSTRUCT ALL FIRE HYDRANTS PER DESIGNATED DEPTHS AND LENGTHS PER STD. DWG.# 2340. USE FULL RESTRAINT ON FIRE HYDRANT LEGS FROM MAIN TO FIRE HYDRANT FLANGE.
6. CONSTRUCT ALL SINGLE AND DOUBLE WATER SERVICE LINES PER STD. DWG.# 2361, 2362 AND 2363.
7. SEE SHEET 4 FOR SAS AND WATER SERVICE INFORMATION.

*8. RESTRAINT DISTANCES FOR PIPE FITTINGS SHALL BE DEFINED BY TABLE ON SHEET 4.

9. ALL WATERLINES SHALL BE C-900 PVC UNLESS OTHERWISE NOTED.

AS BUILT INFORMATION
CONTRACTOR New Concepts
WORK STAKED BY C.O.A. DATE 12/94
INSPECTOR'S ACCEPTANCE BY L. Romero DATE 3/96
FIELD VERIFICATION BY L.R. DATE 3/96
DRAWINGS CORRECTED BY L.R. DATE 4/96
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS
ACS STA. No. 1-C19
Y=1518845.74
X=404941.91
Z=5318.195

SURVEY INFORMATION
FIELD NOTES
NO. BY DATE

ENGINEER'S SEAL
Terry O. Brown
8/16/95

NO.	DATE	REMARKS REVISIONS DESIGN	BY
		DATE: 08/95	
		DATE: 08/95	
		DATE: 08/95	

DESIGNED BY: TOB
DRAWN BY: TOB
CHECKED BY: TOB

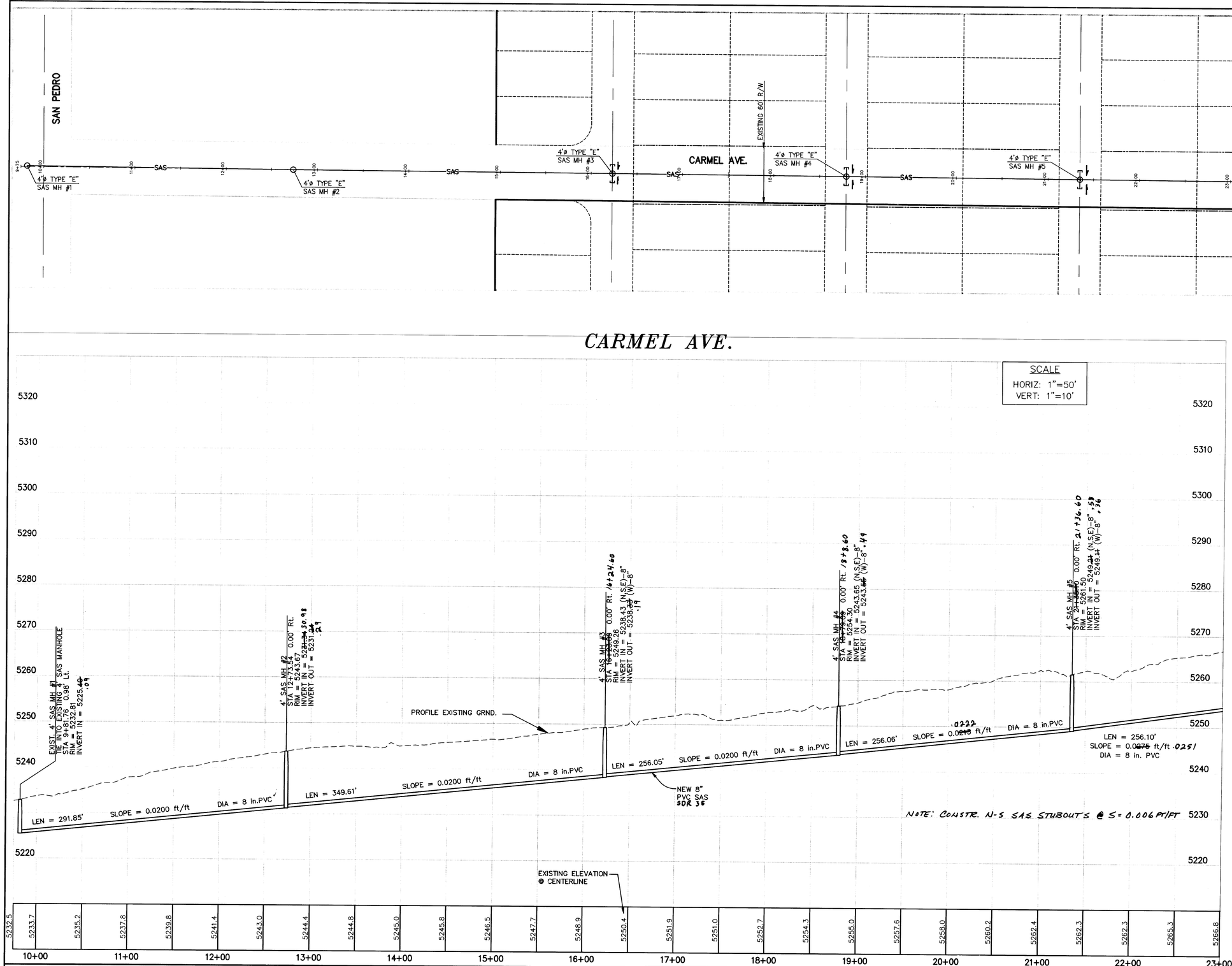
Terry O. Brown, P.E.
P. O. Box 92051
Albuquerque, NM 87199
(505) 883-8807

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: LA CUEVA OESTE, UNIT 1
UTILITY PLAN AND PROFILE
LOUISIANA BLVD. – STA: 22+50 TO STA: 33+39.01

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN	B.J. Gockley	10-3-95	WATER		
TRANSPORTATION	N/A DHO	8-17-95	WASTE WATER	G.R. Leeder	8/31/95
HYDROLOGY	N/A Sme	9-15-95			

PROJECT NO.	MAP NO.	SHEET	OF
5232.90	C-18-Z	15	29



LEGEND

- NEW CURB & GUTTER
- NEW SAS MAINLINE — SAS —
- NEW SAS SERVICE LINE — S —
- NEW SAS MANHOLE
- NEW WATER MAINLINE — W —
- NEW WATER SERVICE LINE
- NEW GATE VALVE
- NEW FIRE HYDRANT
- NEW STREET LIGHT
- NEW VALLEY GUTTER

WATER AND SEWER NOTES

1. CONSTRUCT 4'ø TYPE "E" MANHOLES PER STD. DWG.# 2102.
2. CONSTRUCT SAS SERVICE LINES PER STD. DWG.# 2125.
3. CONSTRUCT ALL CONCRETE BLOCKING PER STD. DWG.# 2320. CONCRETE BLOCKING SHALL BE UTILIZED ONLY WHERE SPECIFICALLY CALLED OUT ON PLAN.
4. CONSTRUCT ALL VALVE BOXES PER ~~NEW~~ C.O.A. VALVE BOX DETAIL ~~W/PLAN INSTALLED CONCRETE COLLAR.~~ No. 2325.
5. CONSTRUCT ALL FIRE HYDRANTS PER DESIGNATED DEPTHS AND LENGTHS PER STD. DWG.# 2340. USE FULL RESTRAINT ON FIRE HYDRANT LEGS FROM MAIN TO FIRE HYDRANT FLANGE.
6. CONSTRUCT ALL SINGLE AND DOUBLE WATER SERVICE LINES PER STD. DWG.# 2361, 2362 AND 2363.
7. SEE SHEET 4 FOR SAS AND WATER SERVICE INFORMATION.

*8. RESTRAINT DISTANCES FOR PIPE FITTINGS SHALL BE DEFINED BY TABLE ON SHEET 4.

9. ALL WATERLINES SHALL BE C-900 PVC UNLESS OTHERWISE NOTED.

NORTH

GRAPHIC SCALE

50 0 25 50 100

(IN FEET)
1 inch = 50 ft.

Terry O. Brown, P.E.
P. O. Box 92051
Albuquerque, N.M. 87199
(505) 883-8807

AS BUILT INFORMATION
CONTRACTOR New Concepts DATE 12/95
WORK STAKED BY C.O.A. DATE 3/96
INSPECTOR'S ACCEPTANCE BY L. Romero DATE 3/96
FIELD VERIFICATION BY L.R. DATE 4/96
DRAWINGS CORRECTED BY L.R.
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS
ACS STA. No. 1-C19
Y=1518845.74
X=404941.91
Z=5318.195

SURVEY INFORMATION
FIELD NOTES
NO. BY DATE

ENGINEER'S SEAL
Terry O. Brown 8/16/95

NO.	DATE	REMARKS REVISIONS	BY
		DESIGN	

DESIGNED BY: TOB DATE: 08/95
DRAWN BY: TOB DATE: 08/95
CHECKED BY: TOB DATE: 08/95

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

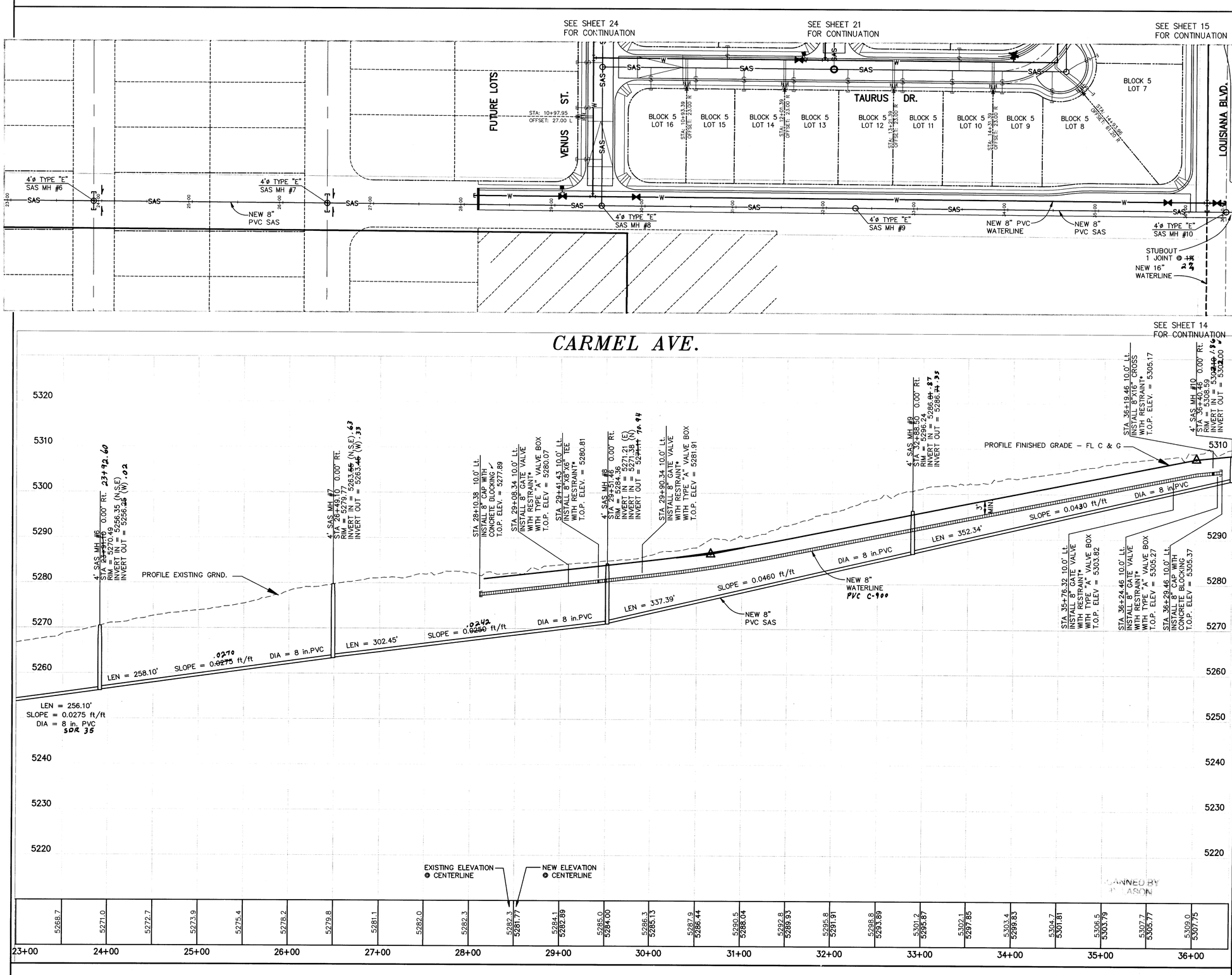
TITLE: LA CUEVA OESTE, UNIT 1
UTILITY PLAN AND PROFILE
CARMEL AVE. – STA: 9+75 TO STA: 23+00

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN	BJ Lovsky	10-3-95	WATER		
TRANSPORTATION	N/A CHO	8-17-95	WASTE WATER	GRRecedo	8/31/95
HYDROLOGY	N/A Sme	9-15-95			

PROJECT NO.	MAP NO.	SHEET	OF
5232.90	C-18-Z	16	29

SCANNED BY JASON

LC_UPP.DWG / VIEW:R;22



LEGEND

- NEW CURB & GUTTER
- NEW SAS MAINLINE — SAS
- NEW SAS SERVICE LINE
- NEW SAS MANHOLE
- NEW WATER MAINLINE — W
- NEW WATER SERVICE LINE
- NEW GATE VALVE
- NEW FIRE HYDRANT
- NEW STREET LIGHT
- NEW VALLEY GUTTER

WATER AND SEWER NOTES

1. CONSTRUCT 4'ø TYPE "E" MANHOLES PER STD. DWG.# 2102.
2. CONSTRUCT SAS SERVICE LINES PER STD. DWG.# 2125.
3. CONSTRUCT ALL CONCRETE BLOCKING PER STD. DWG.# 2320. CONCRETE BLOCKING SHALL BE UTILIZED ONLY WHERE SPECIFICALLY CALLED OUT ON PLAN.
4. CONSTRUCT ALL VALVE BOXES PER ~~NEW~~ C.O.A. VALVE BOX DETAIL ~~WITH NON-TAPERED CONCRETE COLLAR~~ NO. 2325.
5. CONSTRUCT ALL FIRE HYDRANTS PER DESIGNATED DEPTHS AND LENGTHS PER STD. DWG.# 2340. USE FULL RESTRAINT ON FIRE HYDRANT FLANGE.
6. CONSTRUCT ALL SINGLE AND DOUBLE WATER SERVICE LINES PER STD. DWG.# 2361, 2362 AND 2363.
7. SEE SHEET 4 FOR SAS AND WATER SERVICE INFORMATION.
*8. RESTRAINT DISTANCES FOR PIPE FITTINGS SHALL BE DEFINED BY TABLE ON SHEET 4.
9. ALL WATERLINES SHALL BE C-900 PVC UNLESS OTHERWISE NOTED.

NORTH

GRAPHIC SCALE

50 0 25 50 100

(IN FEET)
1 inch = 50 ft.

SCALE
HORIZ: 1"=50'
VERT: 1"=10'

24-5232.90 1796

AS BUILT INFORMATION
CONTRACTOR New Concept DATE 12/95
WORK STAKED BY C.O.A. DATE
INSPECTOR'S CHANGE BY L. Romero DATE 3/96
FIELD VERIFICATION BY L.R. DATE 3/96
DRAWINGS CORRECTED BY L.R. DATE 4/96
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS
ACS STA. No. 1-C19
Y=1518845.74
X=404941.91
Z=5318.195

SURVEY INFORMATION
FIELD NOTES
NO. BY DATE

ENGINEER'S SEAL
Terry O. Brown 8/16/95

NO.	DATE	REMARKS REVISIONS DESIGN	BY
		DESIGNED BY: TOB	DATE: 08/95
		DRAWN BY: TOB	DATE: 08/95
		CHECKED BY: TOB	DATE: 08/95

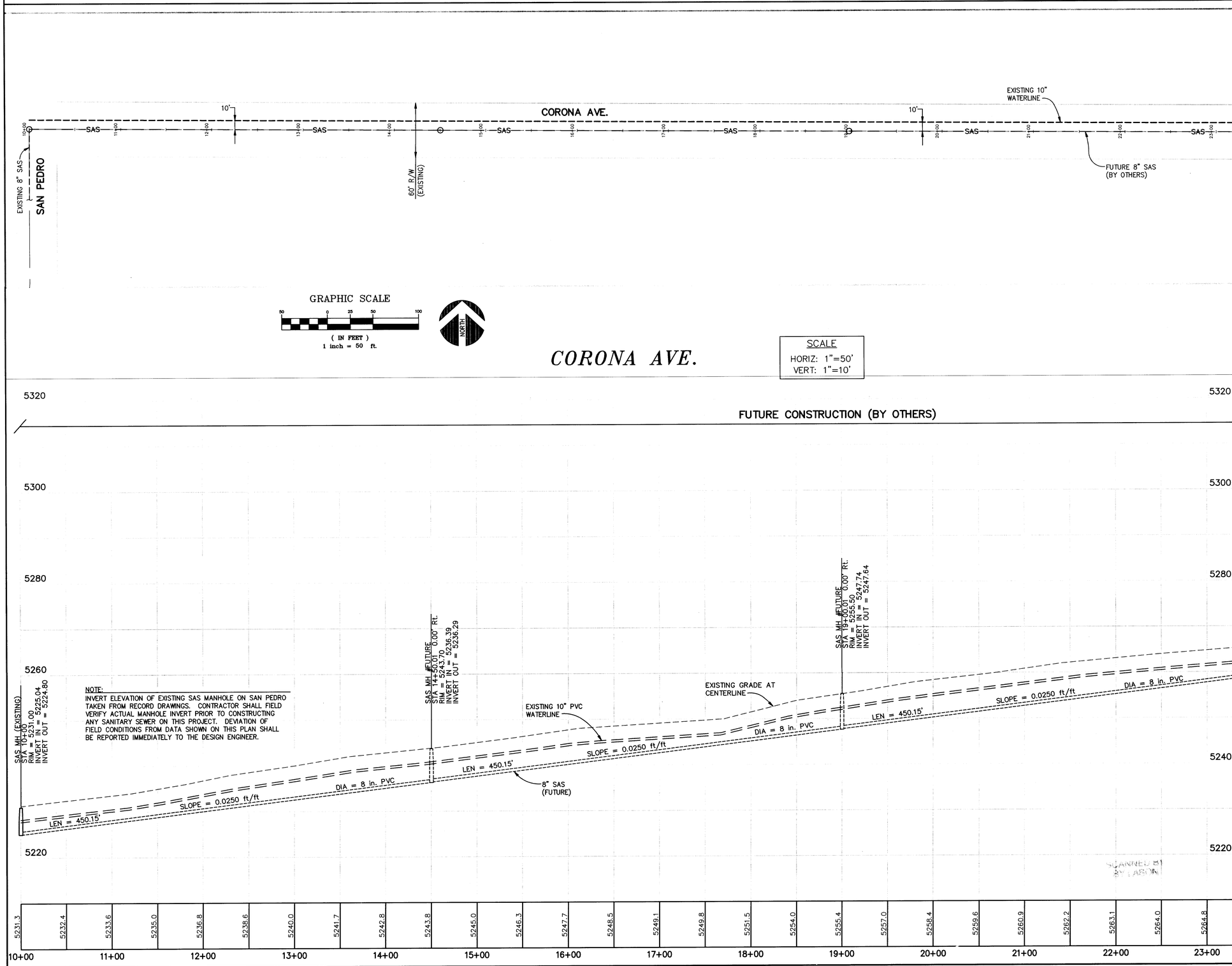
Terry O. Brown, P.E.
P. O. Box 92051
Albuquerque, N.M. 87199
(505) 883-8807

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: LA CUEVA OESTE, UNIT 1
UTILITY PLAN AND PROFILE
CARMEL AVE. – STA: 23+00 TO STA: 36+40.46

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN		10-3-95	WATER		
TRANSPORTATION	N/A	8-17-95	WASTE WATER		8/31/95
HYDROLOGY	N/A	9-15-95			

PROJECT NO.	MAP NO.	SHEET	OF
5232.90	C-18-Z	17	29



LEGEND

- NEW CURB & GUTTER
- NEW SAS MAINLINE — SAS
- NEW SAS SERVICE LINE
- NEW SAS MANHOLE
- NEW WATER MAINLINE — W
- NEW WATER SERVICE LINE
- NEW GATE VALVE
- NEW FIRE HYDRANT
- NEW STREET LIGHT
- NEW VALLEY GUTTER

WATER AND SEWER NOTES

1. CONSTRUCT 4'ø TYPE "E" MANHOLES PER STD. DWG.# 2102.
2. CONSTRUCT SAS SERVICE LINES PER STD. DWG.# 2125.
3. CONSTRUCT ALL CONCRETE BLOCKING PER STD. DWG.# 2320. CONCRETE BLOCKING SHALL BE UTILIZED ONLY WHERE SPECIFICALLY CALLED OUT ON PLAN.
4. CONSTRUCT ALL VALVE BOXES PER ~~NEW~~ C.O.A. VALVE BOX DETAIL ~~WITH NON-TAPERED CONCRETE COLLAR~~. #2325.
5. CONSTRUCT ALL FIRE HYDRANTS PER DESIGNATED DEPTHS AND LENGTHS PER STD. DWG.# 2340. USE FULL RESTRAINT ON FIRE HYDRANT LEGS FROM MAIN TO FIRE HYDRANT FLANGE.
6. CONSTRUCT ALL SINGLE AND DOUBLE WATER SERVICE LINES PER STD. DWG.# 2361, 2362 AND 2363.
7. SEE SHEET 4 FOR SAS AND WATER SERVICE INFORMATION.

*8. RESTRAINT DISTANCES FOR PIPE FITTINGS SHALL BE DEFINED BY TABLE ON SHEET 4.

9. ALL WATERLINES SHALL BE C-900 PVC UNLESS OTHERWISE NOTED.

AS BUILT INFORMATION
CONTRACTOR New concepts
WORK STAKED BY COA DATE 12/13
INSPECTOR'S ACCEPTANCE BY L. Romero DATE 1/12
VERIFICATION BY L. R. DATE 1/12
DRAWINGS CORRECTED BY L. R. DATE 4/96
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS
ACS STA. No. 1-C19
Y=1518845.74
X=404941.91
Z=5318.195

SURVEY INFORMATION
FIELD NOTES
BY DATE
NO.

ENGINEER'S SEAL
Terry O. Brown
8/16/95

NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	

DESIGNED BY: TOB DATE: 08/95
DRAWN BY: TOB DATE: 08/95
CHECKED BY: TOB DATE: 08/95

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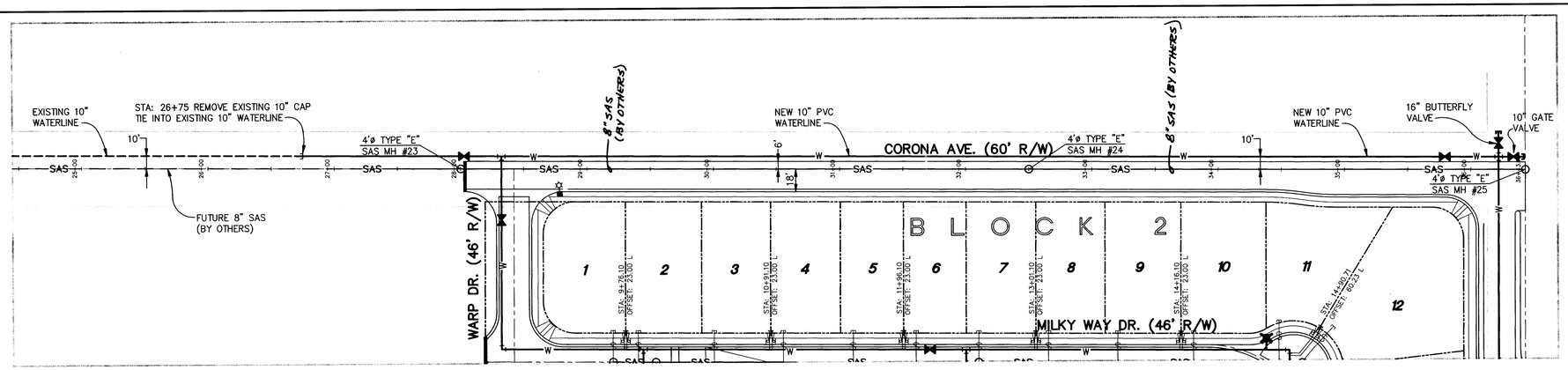
CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: LA CUEVA OESTE, UNIT 1
UTILITY PLAN AND PROFILE
CORONA AVE. – STA: 10+00 TO STA: 23+50

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN	B.J. Lindsley	10-3-95	WATER		
TRANSPORTATION	N/A RHO	8-17-95	WASTE WATER	G. Sheets	8/31/95
HYDROLOGY	N/A Sue	9-15-95			

PROJECT NO.	MAP NO.	SHEET	OF
5232.90	C-18-Z	18	29



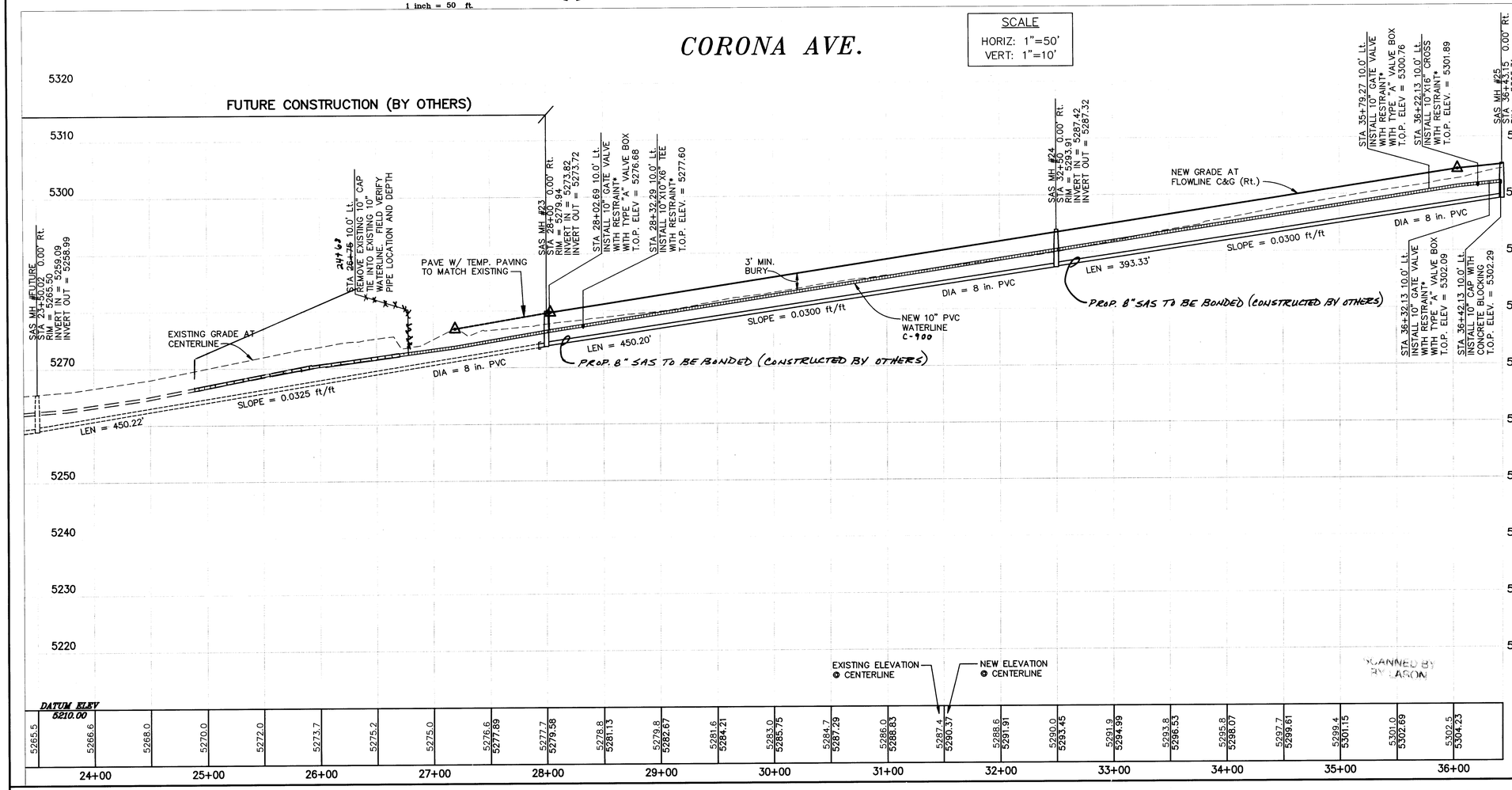
GRAPHIC SCALE

50 0 25 50 100

(IN FEET)
1 inch = 50 ft.

NORTH

SCALE
HORIZ: 1"=50'
VERT: 1"=10'



LEGEND

- NEW CURB & GUTTER
- NEW SAS MAINLINE — SAS —
- NEW SAS SERVICE LINE
- NEW SAS MANHOLE
- NEW WATER MAINLINE — W —
- NEW WATER SERVICE LINE
- NEW GATE VALVE
- NEW FIRE HYDRANT
- NEW STREET LIGHT
- NEW VALLEY GUTTER

WATER AND SEWER NOTES

1. CONSTRUCT 4'ø TYPE "E" MANHOLES PER STD. DWG.# 2102.
2. CONSTRUCT SAS SERVICE LINES PER STD. DWG.# 2125.
3. CONSTRUCT ALL CONCRETE BLOCKING PER STD. DWG.# 2320. CONCRETE BLOCKING SHALL BE UTILIZED ONLY WHERE SPECIFICALLY CALLED OUT ON PLAN.
4. CONSTRUCT ALL VALVE BOXES PER ~~NEW~~ C.O.A. VALVE BOX DETAIL ~~WATER MAIN TRENCH CONCRETE COLLAR~~ NO. 2325.
5. CONSTRUCT ALL FIRE HYDRANTS PER DESIGNATED DEPTHS AND LENGTHS PER STD. DWG.# 2340. USE FULL RESTRAINT ON FIRE HYDRANT LEGS FROM MAIN TO FIRE HYDRANT FLANGE.
6. CONSTRUCT ALL SINGLE AND DOUBLE WATER SERVICE LINES PER STD. DWG.# 2361, 2362 AND 2363.
7. SEE SHEET 4 FOR SAS AND WATER SERVICE INFORMATION.
8. *RESTRAINT DISTANCES FOR PIPE FITTINGS SHALL BE DEFINED BY TABLE ON SHEET 4.
9. ALL WATERLINES SHALL BE C-900 PVC UNLESS OTHERWISE NOTED.

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AS BUILT INFORMATION
New concepts

		DATE
CONTRACTOR		
WORK STAKED BY		
INSPECTOR	C.O.A.	12/95
ACCEPTANCE BY	L. Romero	2/96
VERIFICATION BY	L. R.	2/96
DRAWINGS CORRECTED BY	L. R.	4/96
MICRO-FILM INFORMATION		
RECORDED BY		DATE
NO.		

BENCH MARKS

NO.	DATE	
		ACS STA. No. 1-C19
		Y=1518845.74
		X=404941.91
		Z=5318.195

SURVEY INFORMATION

NO.	DATE	FIELD NOTES BY

ENGINEER'S SEAL
Terry O. Brown
8/16/95

NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	

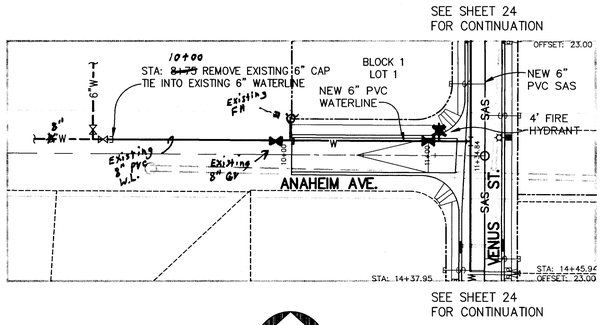
DESIGNED BY: TOB DATE: 08/95
DRAWN BY: TOB DATE: 08/95
CHECKED BY: TOB DATE: 08/95

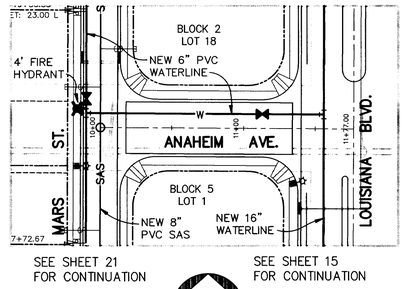
CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

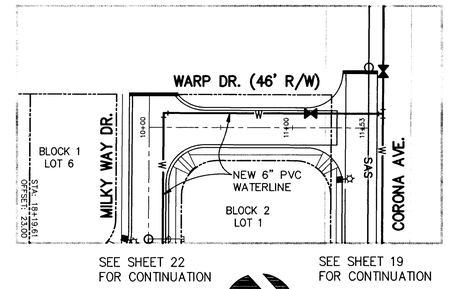
TITLE: LA CUEVA OESTE, UNIT 1
UTILITY PLAN AND PROFILE
CORONA AVE. – STA: 23+50 TO STA: 36+43.15

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN		10-3-95	WATER		
TRANSPORTATION	N/A RHO	8-17-95	WASTE WATER		8/31/95
HYDROLOGY	N/A SMC	9-15-95			

PROJECT NO.	MAP NO.	SHEET	OF
5232.90	C-18-Z	19	29







NORTH

GRAPHIC SCALE

50 0 25 50 100

(IN FEET)
1 inch = 50 ft.

LEGEND

- NEW CURB & GUTTER
- NEW SAS MAINLINE — SAS —
- NEW SAS SERVICE LINE — S —
- NEW SAS MANHOLE
- NEW WATER MAINLINE — W —
- NEW WATER SERVICE LINE
- NEW GATE VALVE
- NEW FIRE HYDRANT
- NEW STREET LIGHT
- NEW VALLEY GUTTER

WATER AND SEWER NOTES

1. CONSTRUCT 4'ø TYPE "E" MANHOLES PER STD. DWG.# 2102.
2. CONSTRUCT SAS SERVICE LINES PER STD. DWG.# 2125.
3. CONSTRUCT ALL CONCRETE BLOCKING PER STD. DWG.# 2320. CONCRETE BLOCKING SHALL BE UTILIZED ONLY WHERE SPECIFICALLY CALLED OUT ON PLAN.
4. CONSTRUCT ALL VALVE BOXES PER ~~NEW~~ C.O.A. VALVE BOX DETAIL ~~WITH NON-TAPERED CONCRETE COLLAR~~ NO. 2325.
5. CONSTRUCT ALL FIRE HYDRANTS PER DESIGNATED DEPTHS AND LENGTHS PER STD. DWG.# 2340. USE FULL RESTRAINT ON FIRE HYDRANT LEGS FROM MAIN TO FIRE HYDRANT FLANGE.
6. CONSTRUCT ALL SINGLE AND DOUBLE WATER SERVICE LINES PER STD. DWG.# 2361, 2362 AND 2363.
7. SEE SHEET 4 FOR SAS AND WATER SERVICE INFORMATION.

*8. RESTRAINT DISTANCES FOR PIPE FITTINGS SHALL BE DEFINED BY TABLE ON SHEET 4.

9. ALL WATERLINES SHALL BE C-900 PVC UNLESS OTHERWISE NOTED.

AS BUILT INFORMATION
CONTRACTOR New Concepts DATE 12/95
WORK STAKED BY COA DATE 3/96
INSPECTOR'S ACCEPTANCE BY L. Romero DATE 3/96
FIELD VERIFICATION BY L.R. DATE 3/96
DRAWINGS CORRECTED BY L.R. DATE 4/96
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS
ACS STA. No. 1-C19
Y=1518845.74
X=404941.91
Z=5318.195

SURVEY INFORMATION
FIELD NOTES
NO. DATE BY

ENGINEER'S SEAL
Terry O. Brown
8/16/95

NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	

DESIGNED BY: TOB DATE: 08/95
DRAWN BY: TOB DATE: 08/95
CHECKED BY: TOB DATE: 08/95

24-5213R.190 120196

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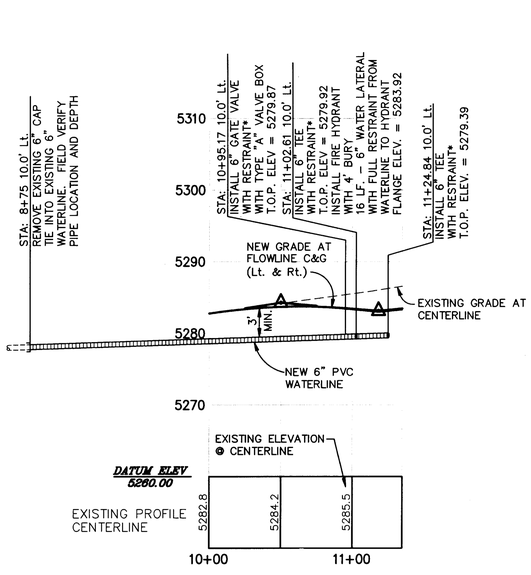
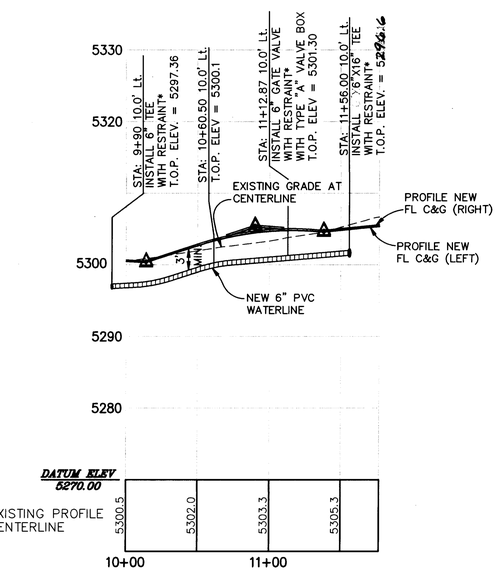
Albuquerque, NM 87199
(505) 883-8807

ANAHEIM AVE. (WEST)

SCALE
HORIZ: 1"=50'
VERT: 1"=10'

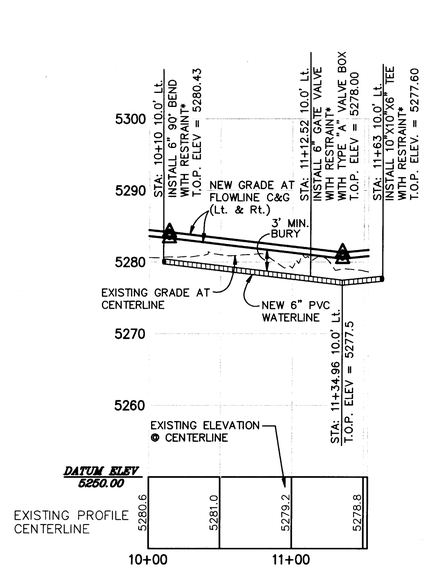


ANAHEIM AVE. (EAST)



WARP DR.

SCALE
HORIZ: 1"=50'
VERT: 1"=10'



SCANNED BY
BY LARSON

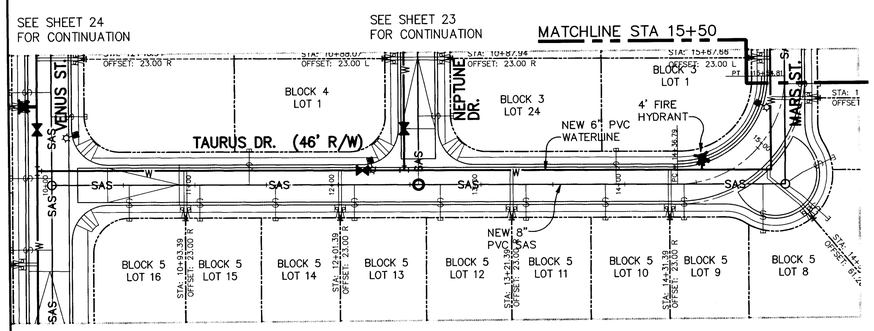
LC_UPP.DWG / VIEW;R;8

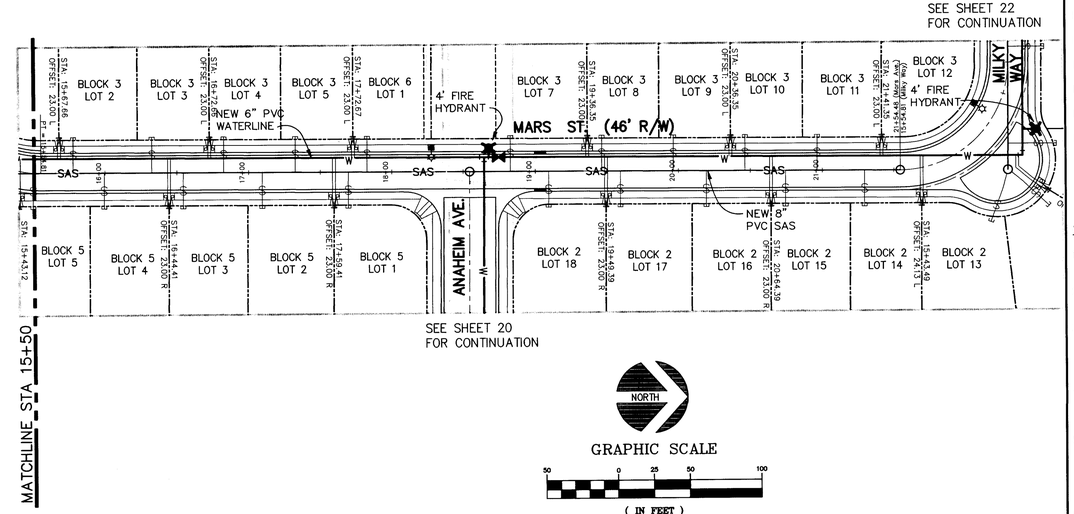
CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: LA CUEVA OESTE, UNIT 1
UTILITY PLAN AND PROFILE
ANAHEIM AVE. (WEST), ANAHEIM AVE. (EAST) & WARP DR.

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN	B.A. Stockley	10-3-95	WATER	G S Reeda	8/31/95
TRANSPORTATION	N/A RWD	8-17-95	WASTE WATER		
HYDROLOGY	N/A Smc	9-15-95			

PROJECT NO.	MAP NO.	SHEET	OF
5232.90	C-18-Z	20	29





LEGEND

- NEW CURB & GUTTER
- NEW SAS MAINLINE
- NEW SAS SERVICE LINE
- NEW SAS MANHOLE
- NEW WATER MAINLINE
- NEW WATER SERVICE LINE
- NEW GATE VALVE
- NEW FIRE HYDRANT
- NEW STREET LIGHT
- NEW VALLEY GUTTER

WATER AND SEWER NOTES

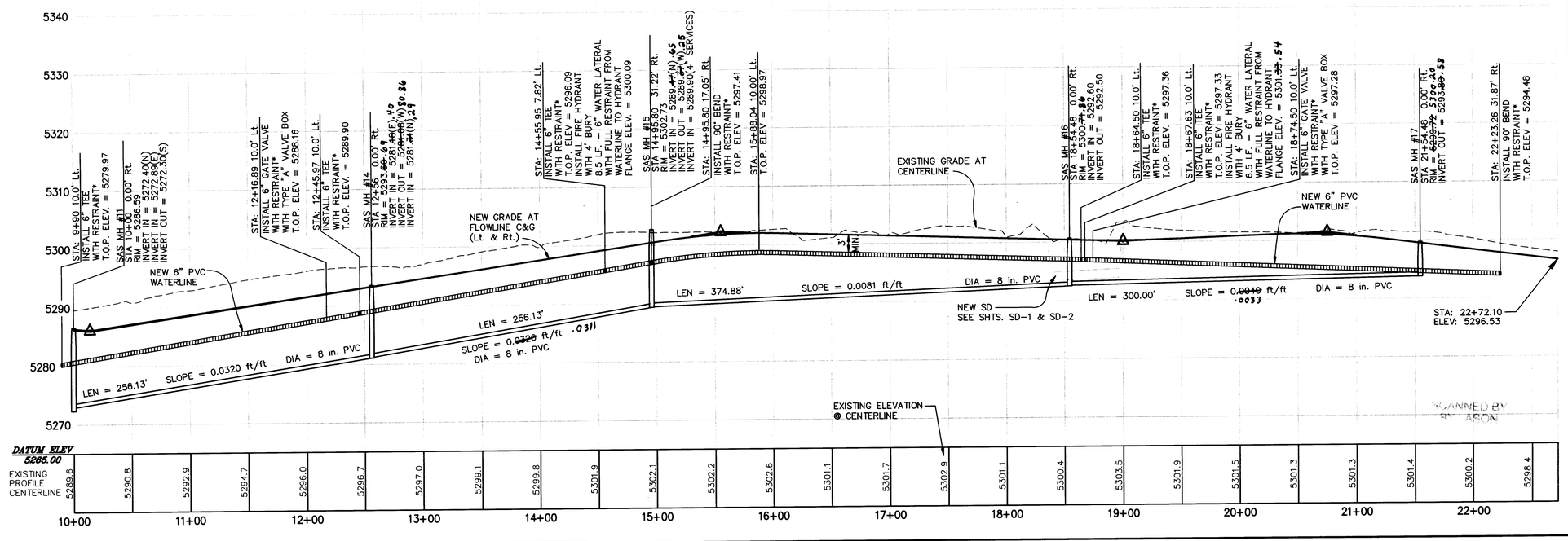
1. CONSTRUCT 4'ø TYPE "E" MANHOLES PER STD. DWG.# 2102.
2. CONSTRUCT SAS SERVICE LINES PER STD. DWG.# 2125.
3. CONSTRUCT ALL CONCRETE BLOCKING PER STD. DWG.# 2320. CONCRETE BLOCKING SHALL BE UTILIZED ONLY WHERE SPECIFICALLY CALLED OUT ON PLAN.
4. CONSTRUCT ALL VALVE BOXES PER ~~NEW~~ C.O.A. VALVE BOX DETAIL ~~WITH NON-TAPERED CONCRETE COLLAR~~ No. 2325.
5. CONSTRUCT ALL FIRE HYDRANTS PER DESIGNATED DEPTHS AND LENGTHS PER STD. DWG.# 2340. USE FULL RESTRAINT ON FIRE HYDRANT LEGS FROM MAIN TO FIRE HYDRANT FLANGE.
6. CONSTRUCT ALL SINGLE AND DOUBLE WATER SERVICE LINES PER STD. DWG.# 2361, 2362 AND 2363.
7. SEE SHEET 4 FOR SAS AND WATER SERVICE INFORMATION.

*8. RESTRAINT DISTANCES FOR PIPE FITTINGS SHALL BE DEFINED BY TABLE ON SHEET 4.

9. ALL WATERLINES SHALL BE C-900 PVC UNLESS OTHERWISE NOTED.

TAURUS DR. / MARS ST.

SCALE
HORIZ: 1"=50'
VERT: 1"=10'



LC_UPP.DWG / VIEW;R;7

26-5232.90 12198

Terry O. Brown, P.E.
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Albuquerque, NM 87199
(505) 883-8807

AS BUILT INFORMATION
CONTRACTOR New Concepts DATE 2/15
WORK STAKED BY C.O.A. DATE 2/16
INSPECTOR'S ACCEPTANCE BY L. Romero DATE 3/16
FIELD VERIFICATION BY L.R. DATE 3/16
DRAWINGS CORRECTED BY L.R. DATE 8/16
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS
ACS STA. No. 1-C19
Y=1518845.74
X=404941.91
Z=5318.195

SURVEY INFORMATION
FIELD NOTES
NO. BY DATE

ENGINEER'S SEAL
Terry O. Brown 8/16/95

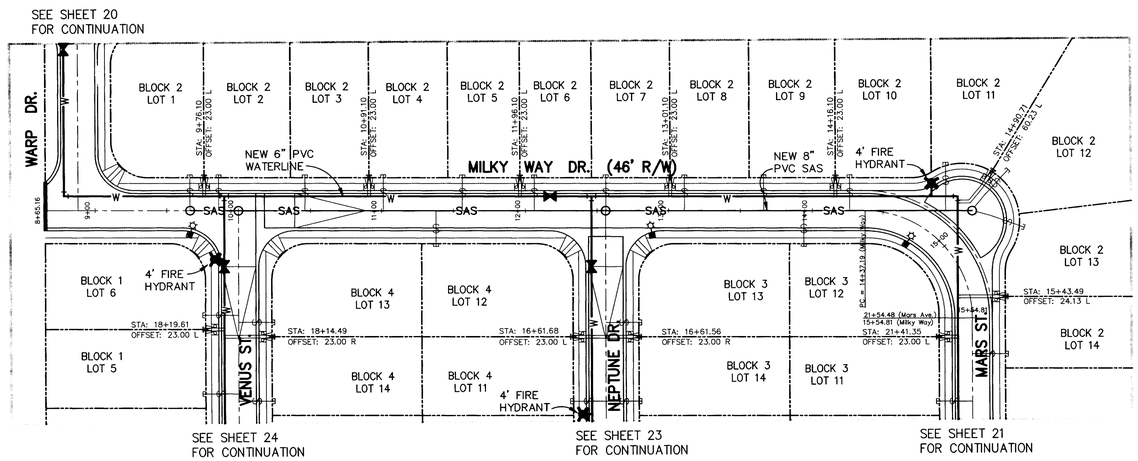
NO.	DATE	REMARKS REVISIONS DESIGN	BY
		DESIGNED BY: TOB	DATE: 08/95
		DRAWN BY: TOB	DATE: 08/95
		CHECKED BY: TOB	DATE: 08/95

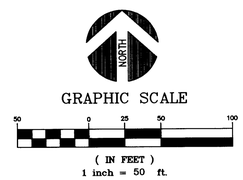
CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

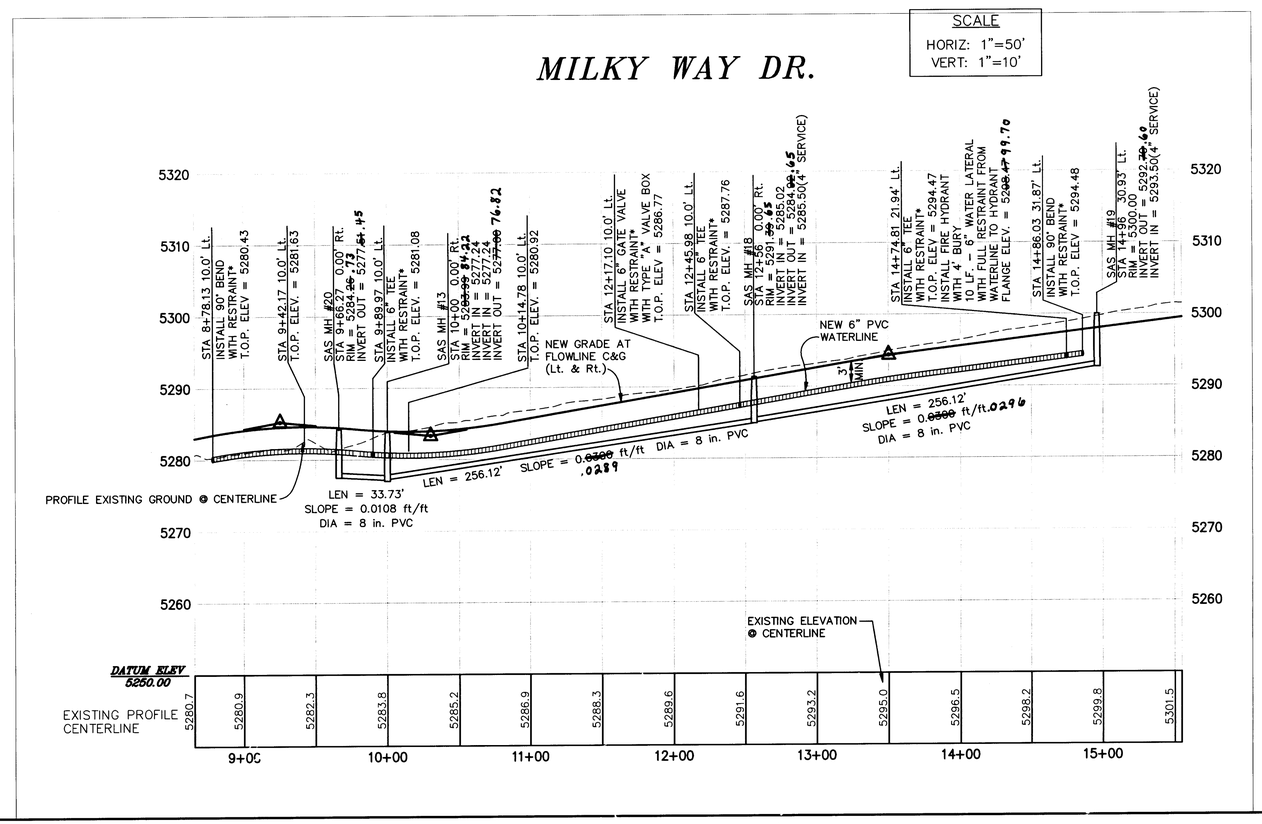
TITLE: LA CUEVA OESTE, UNIT 1
UTILITY PLAN AND PROFILE
TAURUS DR. / MARS ST.

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN	J.J. Boldby	10-3-95	WATER		
TRANSPORTATION	N/A RHD	8-17-95	WASTE WATER	G.S. Leeds	8/31/95
HYDROLOGY	N/A Smc	9-15-95			

PROJECT NO.	MAP NO.	SHEET	OF
5232.90	C-18-Z	21	29







LEGEND

- NEW CURB & GUTTER
- NEW SAS MAINLINE — SAS —
- NEW SAS SERVICE LINE — (S) —
- NEW SAS MANHOLE
- NEW WATER MAINLINE — W —
- NEW WATER SERVICE LINE
- NEW GATE VALVE
- NEW FIRE HYDRANT
- NEW STREET LIGHT
- NEW VALLEY GUTTER

WATER AND SEWER NOTES

1. CONSTRUCT 4'ø TYPE "E" MANHOLES PER STD. DWG.# 2102.
2. CONSTRUCT SAS SERVICE LINES PER STD. DWG.# 2125.
3. CONSTRUCT ALL CONCRETE BLOCKING PER STD. DWG.# 2320. CONCRETE BLOCKING SHALL BE UTILIZED ONLY WHERE SPECIFICALLY CALLED OUT ON PLAN.
4. CONSTRUCT ALL VALVE BOXES PER ~~NEW~~ C.O.A. VALVE BOX DETAIL ~~WITH NON-TAPERED CONCRETE COLLAR~~ NO. 2325.
5. CONSTRUCT ALL FIRE HYDRANTS PER DESIGNATED DEPTHS AND LENGTHS PER STD. DWG.# 2340. USE FULL RESTRAINT ON FIRE HYDRANT LEGS FROM MAIN TO FIRE HYDRANT FLANGE.
6. CONSTRUCT ALL SINGLE AND DOUBLE WATER SERVICE LINES PER STD. DWG.# 2361, 2362 AND 2363.
7. SEE SHEET 4 FOR SAS AND WATER SERVICE INFORMATION.

*8. RESTRAINT DISTANCES FOR PIPE FITTINGS SHALL BE DEFINED BY TABLE ON SHEET 4.

9. ALL WATERLINES SHALL BE C-900 PVC UNLESS OTHERWISE NOTED.

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

BENCH MARKS
ACS STA. No. 1-C19
Y=1518845.74
X=404941.91
Z=5318.195

SURVEY INFORMATION
FIELD NOTES
NO. BY DATE

ENGINEER'S SEAL
Terry O. Brown
8/16/95

NO. DATE REMARKS BY
REVISIONS
DESIGN DATE: 08/95 DESIGNED BY: TOB
DATE: 08/95 DRAWN BY: TOB
DATE: 08/95 CHECKED BY: TOB

26-5232.90 2296

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(505) 883-8807

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

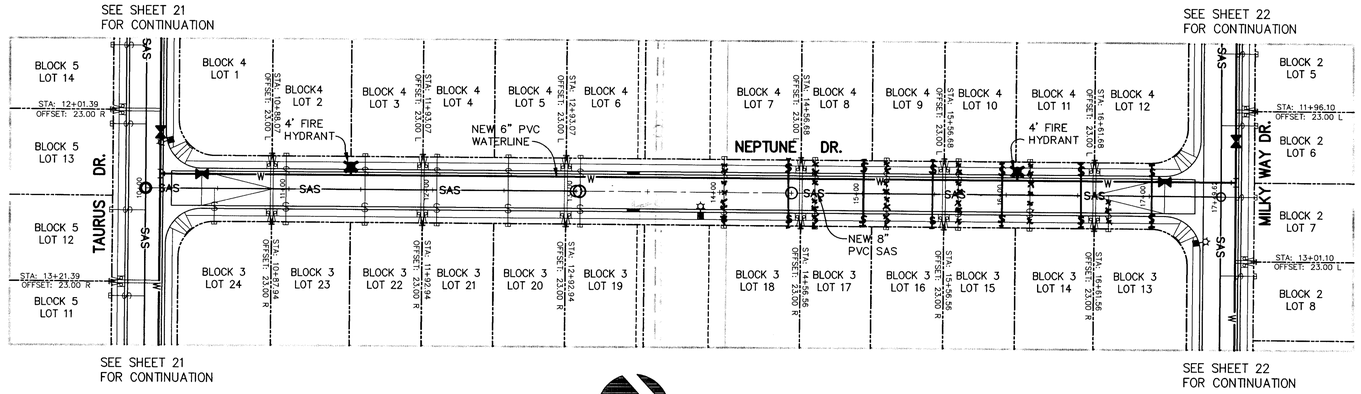
TITLE: LA CUEVA OESTE, UNIT 1
UTILITY PLAN AND PROFILE
MILKY WAY DR.

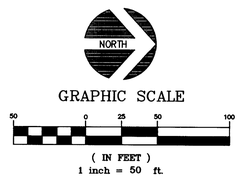
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN		10-3-95	WATER		
TRANSPORTATION	N/A	8-17-95	WASTE WATER		8/31/95
HYDROLOGY	N/A	9-15-95			

PROJECT NO.	MAP NO.	SHEET	OF
5232.90	C-18-Z	22	29

PLANNED BY
BY LASON

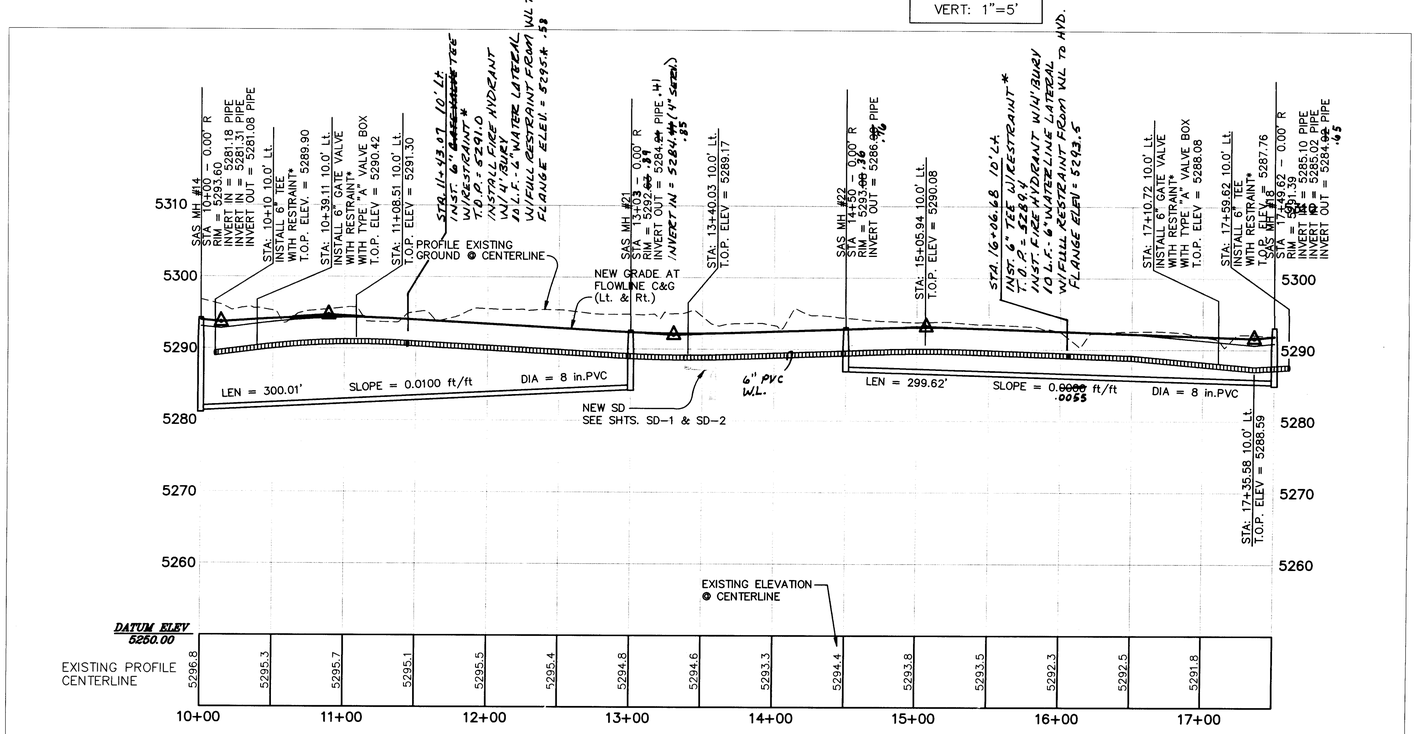
LC_UPP.DWG / VIEW,R;6





NEPTUNE DR.

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



SCANNED BY JASON

LC_UPP.DWG / VIEW;R;1

LEGEND

- NEW CURB & GUTTER
- NEW SAS MAINLINE — SAS —
- NEW SAS SERVICE LINE
- NEW SAS MANHOLE
- NEW WATER MAINLINE — W —
- NEW WATER SERVICE LINE
- NEW GATE VALVE
- NEW FIRE HYDRANT
- NEW STREET LIGHT
- NEW VALLEY GUTTER

WATER AND SEWER NOTES

1. CONSTRUCT 4'ø TYPE "E" MANHOLES PER STD. DWG.# 2102.
2. CONSTRUCT SAS SERVICE LINES PER STD. DWG.# 2125.
3. CONSTRUCT ALL CONCRETE BLOCKING PER STD. DWG.# 2320. CONCRETE BLOCKING SHALL BE UTILIZED ONLY WHERE SPECIFICALLY CALLED OUT ON PLAN.
4. CONSTRUCT ALL VALVE BOXES PER ~~NEW~~ C.O.A. VALVE BOX DETAIL ~~WITH HIGH TAPERED CONCRETE COLLAR~~ NO. 2325.
5. CONSTRUCT ALL FIRE HYDRANTS PER DESIGNATED DEPTHS AND LENGTHS PER STD. DWG.# 2340. USE FULL RESTRAINT ON FIRE HYDRANT LEGS FROM MAIN TO FIRE HYDRANT FLANGE.
6. CONSTRUCT ALL SINGLE AND DOUBLE WATER SERVICE LINES PER STD. DWG.# 2361, 2362 AND 2363.
7. SEE SHEET 4 FOR SAS AND WATER SERVICE INFORMATION.

*8. RESTRAINT DISTANCES FOR PIPE FITTINGS SHALL BE DEFINED BY TABLE ON SHEET 4.

9. ALL WATERLINES SHALL BE C-900 PVC UNLESS OTHERWISE NOTED.

AS BUILT INFORMATION
CONTRACTOR New Concepts DATE 12/95
WORK STAKED BY C.O.A. DATE 3/96
INSPECTOR ACCEPTANCE BY L. Romero DATE 3/96
FIELD VERIFICATION BY L.R. DATE 8/96
DRAWINGS CORRECTED BY L.R. DATE 8/96
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS
ACS STA. No. 1-C19
Y=1518845.74
X=404941.91
Z=5318.195

SURVEY INFORMATION
FIELD NOTES
NO. BY DATE

ENGINEER'S SEAL
Terry O. Brown
8/16/95

REMARKS
REVISIONS
NO. DATE BY
DESIGN
DESIGNED BY: TOB DATE: 08/95
DRAWN BY: TOB DATE: 08/95
CHECKED BY: TOB DATE: 08/95

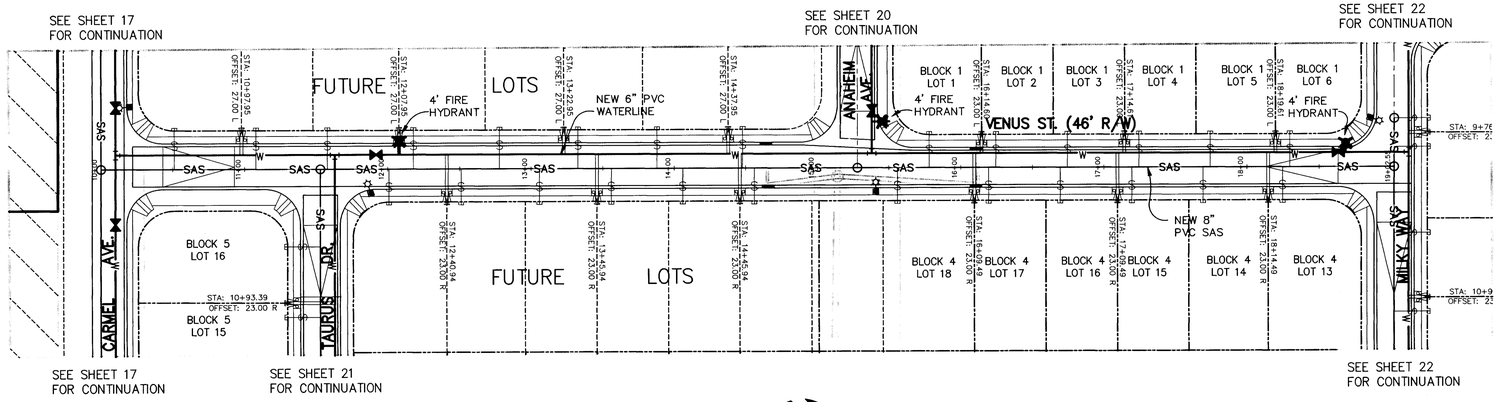
Terry O. Brown, P.E.
P. O. Box 92051
Albuquerque, N.M. 87199
(505) 883-8807

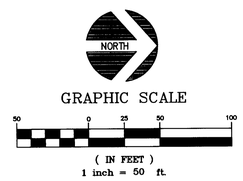
CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: LA CUEVA OESTE, UNIT 1
UTILITY PLAN AND PROFILE
NEPTUNE DR.

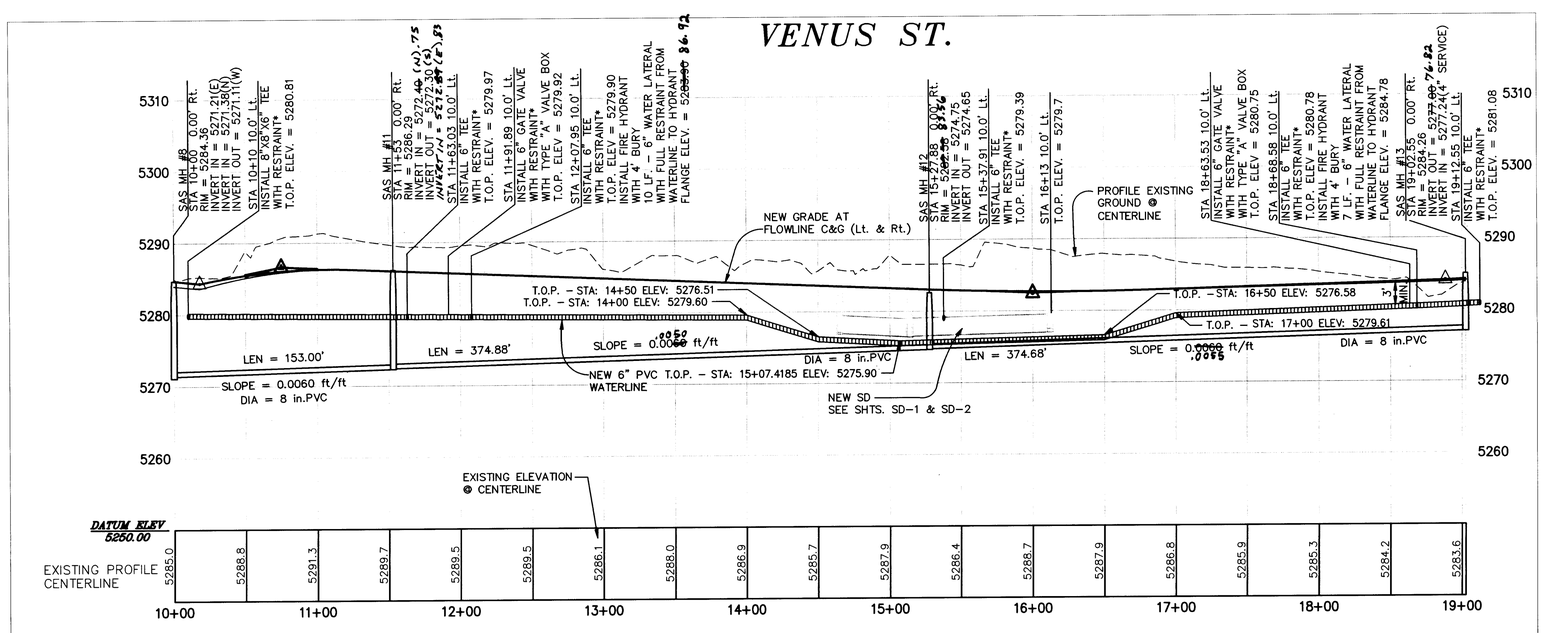
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN	J.D. [illegible]	10-3-95	WATER		
TRANSPORTATION	N/A RHD	8-17-95	WASTE WATER	G.S. Reedek	8/31/95
HYDROLOGY	N/A Sac	9-15-95			

PROJECT NO. 5232.90 | MAP NO. C-18-Z | SHEET 23 OF 29





SCALE
HORIZ: 1"=50'
VERT: 1"=10'



LEGEND

- NEW CURB & GUTTER
- NEW SAS MAINLINE — SAS
- NEW SAS SERVICE LINE — S
- NEW SAS MANHOLE
- NEW WATER MAINLINE — W
- NEW WATER SERVICE LINE
- NEW GATE VALVE
- NEW FIRE HYDRANT
- NEW STREET LIGHT
- NEW VALLEY GUTTER

WATER AND SEWER NOTES

1. CONSTRUCT 4'ø TYPE "E" MANHOLES PER STD. DWG.# 2102.
2. CONSTRUCT SAS SERVICE LINES PER STD. DWG.# 2125.
3. CONSTRUCT ALL CONCRETE BLOCKING PER STD. DWG.# 2320. CONCRETE BLOCKING SHALL BE UTILIZED ONLY WHERE SPECIFICALLY CALLED OUT ON PLAN.
4. CONSTRUCT ALL VALVE BOXES PER ~~NEW~~ C.O.A. VALVE BOX DETAIL ~~WATERMAIN TAPERED CONCRETE COLLAR.~~ NO. 2325.
5. CONSTRUCT ALL FIRE HYDRANTS PER DESIGNATED DEPTHS AND LENGTHS PER STD. DWG.# 2340. USE FULL RESTRAINT ON FIRE HYDRANT LEGS FROM MAIN TO FIRE HYDRANT FLANGE.
6. CONSTRUCT ALL SINGLE AND DOUBLE WATER SERVICE LINES PER STD. DWG.# 2361, 2362 AND 2363.
7. SEE SHEET 4 FOR SAS AND WATER SERVICE INFORMATION.

*8. RESTRAINT DISTANCES FOR PIPE FITTINGS SHALL BE DEFINED BY TABLE ON SHEET 4.

9. ALL WATERLINES SHALL BE C-900 PVC UNLESS OTHERWISE NOTED.

AS BUILT INFORMATION
CONTRACTOR New Concepts DATE 12/96
WORK STAKED BY COA
INSPECTOR'S ACCEPTANCE BY L. Romero DATE 3/96
FIELD VERIFICATION BY L. R. DATE 3/96
DRAWINGS CORRECTED BY L. R. DATE 4/96
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS
ACS STA. No. 1-C19
Y=1518845.74
X=404941.91
Z=5318.195

SURVEY INFORMATION
FIELD NOTES
NO. BY DATE

ENGINEER'S SEAL
Terry O. Brown
8/16/95

NO.	DATE	REMARKS REVISIONS	BY
		DESIGN	

DESIGNED BY: TOB DATE: 08/95
DRAWN BY: TOB DATE: 08/95
CHECKED BY: TOB DATE: 08/95

Terry O. Brown, P.E.
P. O. Box 92051
Albuquerque, NM 87199
(505) 883-8807

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

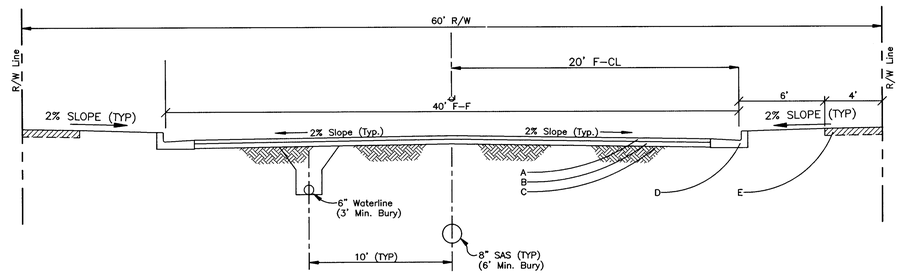
TITLE: LA CUEVA OESTE, UNIT 1
UTILITY PLAN & PROFILE
VENUS ST.

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN		10-3-95	WATER		
TRANSPORTATION	NP	8-17-95	WASTE WATER		8/31/95
HYDROLOGY	N/A	9-15-95			

PROJECT NO.	MAP NO.	SHEET	OF
5232.90	C-18-Z	24	29

PLANNED BY
BY LASON

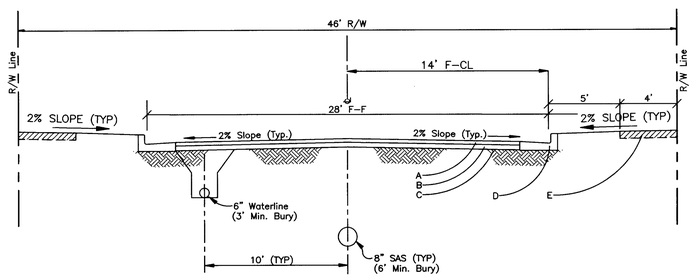
LC_UPP.DWG / VIEW;R;9



Detail Notes for Typical Residential Street

A – A.C. Pavement
B – 12" Compacted Subgrade Material (95% Compaction)
C – Compacted Subgrade (90% Compaction)
D – P.C.C. Standard Curb & Gutter
E – 4" Thick by 4' Wide P.C.C. Sidwalk

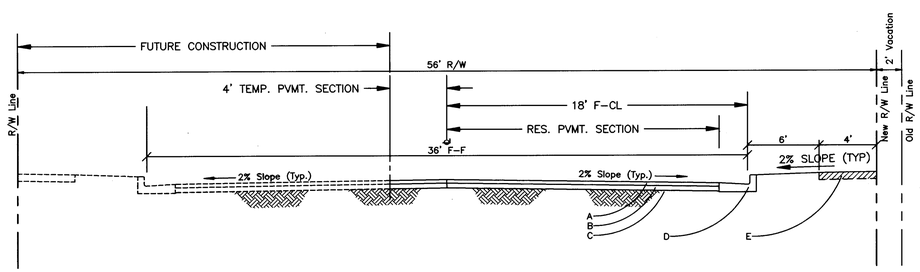
Section A-A (40' F-F STREET WIDTH)



Detail Notes for Typical Residential Street

A – A.C. Pavement
B – 12" Compacted Subgrade Material (95% Compaction)
C – Compacted Subgrade (90% Compaction)
D – P.C.C. Standard Curb & Gutter
E – 4" Thick by 4' Wide P.C.C. Sidwalk

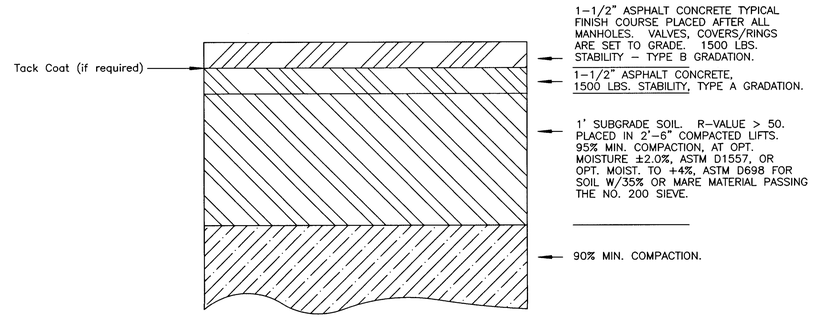
Section B-B (28' F-F STREET WIDTH)



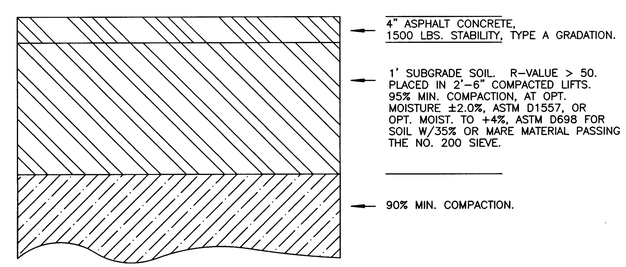
Detail Notes for Typical Residential Street

A – A.C. Pavement
B – 12" Compacted Subgrade Material (95% Compaction)
C – Compacted Subgrade (90% Compaction)
D – P.C.C. Standard Curb & Gutter
E – 4" Thick by 4' Wide P.C.C. Sidwalk

Section C-C (36 F-F STREET WIDTH - HALF STREET)



Typical Residential Street Pavement Section (Asphaltic Concrete Pavement)



Typical Temporary Street Pavement Section (Asphaltic Concrete Pavement)

SCANNED BY
RY LASON

D:\DATA\ACAD\FOURHILL\LC_DET.DWG

AS BUILT INFORMATION
CONTRACTOR New Concept
WORK STAKED BY COA DATE 12/1/95
INSPECTOR L. Romero DATE 3/96
ACCEPTANCE BY L. R. DATE 3/96
FIELD VERIFICATION BY L. R. DATE 4/96
DRAWINGS CORRECTED BY L. R. DATE 4/96
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS
ACS STA. No. 1-C19
Y=1518845.74
X=404941.91
Z=5318.195

SURVEY INFORMATION
FIELD NOTES
NO. BY DATE

ENGINEER'S SEAL
Terry O. Brown
8/16/95

NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	

DESIGNED BY: TOB DATE: 08/95
DRAWN BY: TOB DATE: 08/95
CHECKED BY: TOB DATE: 08/95

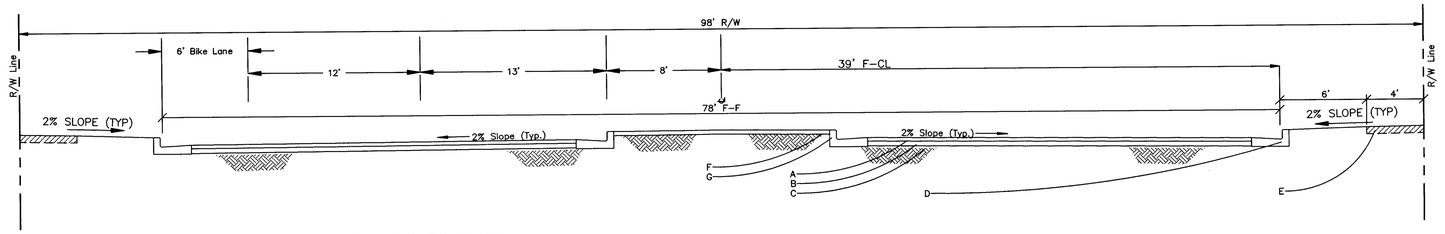
Terry O. Brown, P.E.
P. O. Box 92051
Albuquerque, N.M. 87199
(505) 883-8807

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: LA CUEVA OESTE, UNIT 1
STREET DETAILS

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN	[illegible]	10-3-95	WATER		
TRANSPORTATION	R. Dourte	8-17-95	WASTE WATER	N/A [illegible]	8/31/95
HYDROLOGY	N/A [illegible]	9-15-95			

PROJECT NO.	MAP NO.	SHEET	OF
5232.90	C-18-Z	25	29



Detail Notes for Typical Arterial Street

A – A.C. Pavement
B – 12" Compacted Subgrade Material (95% Compaction)
C – Compacted Subgrade (90% Compaction)
D – P.C.C. Standard Curb & Gutter
E – 4" Thick by 4' Wide P.C.C. Sidwalk
F – Raised Median
F – Median Curb and Gutter (P.C.C.)

N.I.C. (BY OTHERS)
LOUISIANA BLVD. STREET SECTION

AS BUILT INFORMATION
CONTRACTOR Mad Concepts DATE 1/1/96
WORK STAKED BY C.O.A. DATE 1/96
INSPECTOR ACCEPTANCE BY L. Romero DATE 3/96
FIELD VERIFICATION BY L. R. DATE 3/96
DRAWINGS CORRECTED BY L. R. DATE 4/96
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS
ACS STA. No. 1-C19
Y=1518845.74
X=404941.91
Z=5318.195

SURVEY INFORMATION
FIELD NOTES
NO. BY DATE

ENGINEER'S SEAL
Terry O. Brown 8/16/95

NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	

DESIGNED BY: TOB DATE: 08/95
DRAWN BY: TOB DATE: 08/95
CHECKED BY: TOB DATE: 08/95

26-15,21,31,21-1901 12/96

Terry O. Brown, P.E.
P. O. Box 92051
Albuquerque, N.M. 87199
(505) 883-8807

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: LA CUEVA OESTE, UNIT 1
STREET / DRAINAGE DETAILS

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN		10-3-95	WATER	N/A	
TRANSPORTATION		8-17-95	WASTE WATER	N/A	8/31/95
HYDROLOGY	N/A	9-15-95			

PROJECT NO.	MAP NO.	SHEET	OF
5232.90	C-18-Z	26	29

SCANNED BY
BY LASON

D:\DATA\ACAD\FOURHILL\LC_DET.DWG

USE MODIFIED C.D.A. DRAWING (SEE THIS SHEET).

USE STANDARD C.D.A. DRAWING (SEE THIS SHEET).

SPECIAL DESIGN REQUIRED FOR EACH INDIVIDUAL CASE

USE STANDARD C.D.A. DRAWING (SEE THIS SHEET).

Table of Lateral Slopes for Wheelchair Ramps Dependent Upon Design Slopes of Intersecting Streets.
Curb Return Radius = 25.00 FT.
Curb Height = 0.67 FT.

Slope of Street Considered	-8%	-8%	-7%	-7%	-6%	-6%	-5%	-5%	-4%	-4%	-3%	-3%	-2%	-1%	-1%	0%	1%	1%	2%	2%	3%	3%	4%	4%	5%	5%	6%	6%	7%	7%	8%	8%
Elev. @ PC	98.00	98.13	98.25	98.38	98.50	98.63	98.75	98.88	99.00	99.13	99.25	99.38	99.50	99.63	99.75	99.88	100.13	100.25	100.38	100.50	100.63	100.75	100.88	101.00	101.13	101.25	101.38	101.50	101.63	101.75	101.88	102.00
Slope of Side Street	-8.0%	98.00	9.6%	9.9%	10.2%	10.5%	10.8%	11.2%	11.5%	11.8%	12.1%	12.4%	12.8%	13.1%	13.4%	13.7%	14.0%	14.3%	15.0%	15.3%	15.6%	15.9%	16.3%	16.6%	16.9%	17.2%	17.5%	17.8%	18.2%	18.5%	18.8%	19.1%
			3.4%	3.7%	4.0%	4.2%	4.5%	4.8%	5.1%	5.4%	5.6%	5.9%	6.2%	6.5%	6.7%	7.0%	7.3%	7.6%	8.1%	8.4%	8.7%	9.0%	9.2%	9.5%	9.8%	10.1%	10.4%	10.6%	10.9%	11.2%	11.5%	11.7%
	-7.5%	98.13	9.3%	9.6%	9.9%	10.2%	10.5%	10.8%	11.2%	11.5%	11.8%	12.1%	12.4%	12.8%	13.1%	13.4%	13.7%	14.0%	14.7%	15.0%	15.3%	15.6%	15.9%	16.3%	16.6%	16.9%	17.2%	17.5%	17.8%	18.2%	18.5%	18.8%
			3.1%	3.4%	3.7%	4.0%	4.2%	4.5%	4.8%	5.1%	5.4%	5.6%	5.9%	6.2%	6.5%	6.7%	7.0%	7.3%	7.9%	8.1%	8.4%	8.7%	9.0%	9.2%	9.5%	9.8%	10.1%	10.4%	10.6%	10.9%	11.2%	11.5%
	-7.0%	98.25	8.9%	9.3%	9.6%	9.9%	10.2%	10.5%	10.8%	11.2%	11.5%	11.8%	12.1%	12.4%	12.8%	13.1%	13.4%	13.7%	14.3%	14.7%	15.0%	15.3%	15.6%	15.9%	16.3%	16.6%	16.9%	17.2%	17.5%	17.8%	18.2%	18.5%
			2.9%	3.1%	3.4%	3.7%	4.0%	4.2%	4.5%	4.8%	5.1%	5.4%	5.6%	5.9%	6.2%	6.5%	6.7%	7.0%	7.6%	7.9%	8.1%	8.4%	8.7%	9.0%	9.2%	9.5%	9.8%	10.1%	10.4%	10.6%	10.9%	11.2%
	-6.5%	98.38	8.6%	8.9%	9.3%	9.6%	9.9%	10.2%	10.5%	10.8%	11.2%	11.5%	11.8%	12.1%	12.4%	12.8%	13.1%	13.4%	14.0%	14.3%	14.7%	15.0%	15.3%	15.6%	15.9%	16.3%	16.6%	16.9%	17.2%	17.5%	17.8%	18.2%
			2.6%	2.9%	3.1%	3.4%	3.7%	4.0%	4.2%	4.5%	4.8%	5.1%	5.4%	5.6%	5.9%	6.2%	6.5%	6.7%	7.3%	7.6%	7.9%	8.1%	8.4%	8.7%	9.0%	9.2%	9.5%	9.8%	10.1%	10.4%	10.6%	10.9%
	-6.0%	98.50	8.3%	8.6%	8.9%	9.3%	9.6%	9.9%	10.2%	10.5%	10.8%	11.2%	11.5%	11.8%	12.1%	12.4%	12.8%	13.1%	13.7%	14.0%	14.3%	14.7%	15.0%	15.3%	15.6%	15.9%	16.3%	16.6%	16.9%	17.2%	17.5%	17.8%
			2.3%	2.6%	2.9%	3.1%	3.4%	3.7%	4.0%	4.2%	4.5%	4.8%	5.1%	5.4%	5.6%	5.9%	6.2%	6.5%	7.0%	7.3%	7.6%	7.9%	8.1%	8.4%	8.7%	9.0%	9.2%	9.5%	9.8%	10.1%	10.4%	10.6%
	-5.5%	98.63	8.0%	8.3%	8.6%	8.9%	9.3%	9.6%	9.9%	10.2%	10.5%	10.8%	11.2%	11.5%	11.8%	12.1%	12.4%	12.8%	13.4%	13.7%	14.0%	14.3%	14.7%	15.0%	15.3%	15.6%	15.9%	16.3%	16.6%	16.9%	17.2%	17.5%
			2.0%	2.3%	2.6%	2.9%	3.1%	3.4%	3.7%	4.0%	4.2%	4.5%	4.8%	5.1%	5.4%	5.6%	5.9%	6.2%	6.7%	7.0%	7.3%	7.6%	7.9%	8.1%	8.4%	8.7%	9.0%	9.2%	9.5%	9.8%	10.1%	10.4%
	-5.0%	98.75	7.7%	8.0%	8.3%	8.6%	8.9%	9.3%	9.6%	9.9%	10.2%	10.5%	10.8%	11.2%	11.5%	11.8%	12.1%	12.4%	13.1%	13.4%	13.7%	14.0%	14.3%	14.7%	15.0%	15.3%	15.6%	15.9%	16.3%	16.6%	16.9%	17.2%
			1.7%	2.0%	2.3%	2.6%	2.9%	3.1%	3.4%	3.7%	4.0%	4.2%	4.5%	4.8%	5.1%	5.4%	5.6%	5.9%	6.5%	6.7%	7.0%	7.3%	7.6%	7.9%	8.1%	8.4%	8.7%	9.0%	9.2%	9.5%	9.8%	10.1%
	-4.5%	98.88	7.3%	7.7%	8.0%	8.3%	8.6%	8.9%	9.3%	9.6%	9.9%	10.2%	10.5%	10.8%	11.2%	11.5%	11.8%	12.1%	12.8%	13.1%	13.4%	13.7%	14.0%	14.3%	14.7%	15.0%	15.3%	15.6%	15.9%	16.3%	16.6%	16.9%
			1.5%	1.7%	2.0%	2.3%	2.6%	2.9%	3.1%	3.4%	3.7%	4.0%	4.2%	4.5%	4.8%	5.1%	5.4%	5.6%	6.2%	6.5%	6.7%	7.0%	7.3%	7.6%	7.9%	8.1%	8.4%	8.7%	9.0%	9.2%	9.5%	9.8%
	-4.0%	99.00	7.0%	7.3%	7.7%	8.0%	8.3%	8.6%	8.9%	9.3%	9.6%	9.9%	10.2%	10.5%	10.8%	11.2%	11.5%	11.8%	12.4%	12.8%	13.1%	13.4%	13.7%	14.0%	14.3%	14.7%	15.0%	15.3%	15.6%	15.9%	16.3%	16.6%
			1.2%	1.5%	1.7%	2.0%	2.3%	2.6%	2.9%	3.1%	3.4%	3.7%	4.0%	4.2%	4.5%	4.8%	5.1%	5.4%	5.9%	6.2%	6.5%	6.7%	7.0%	7.3%	7.6%	7.9%	8.1%	8.4%	8.7%	9.0%	9.2%	9.5%
	-3.5%	99.13	6.7%	7.0%	7.3%	7.7%	8.0%	8.3%	8.6%	8.9%	9.3%	9.6%	9.9%	10.2%	10.5%	10.8%	11.2%	11.5%	12.1%	12.4%	12.8%	13.1%	13.4%	13.7%	14.0%	14.3%	14.7%	15.0%	15.3%	15.6%	15.9%	16.3%
			0.9%	1.2%	1.5%	1.7%	2.0%	2.3%	2.6%	2.9%	3.1%	3.4%	3.7%	4.0%	4.2%	4.5%	4.8%	5.1%	5.6%	5.9%	6.2%	6.5%	6.7%	7.0%	7.3%	7.6%	7.9%	8.1%	8.4%	8.7%	9.0%	9.2%
	-3.0%	99.25	6.4%	6.7%	7.0%	7.3%	7.7%	8.0%	8.3%	8.6%	8.9%	9.3%	9.6%	9.9%	10.2%	10.5%	10.8%	11.2%	11.8%	12.1%	12.4%	12.8%	13.1%	13.4%	13.7%	14.0%	14.3%	14.7%	15.0%	15.3%	15.6%	15.9%
			0.6%	0.9%	1.2%	1.5%	1.7%	2.0%	2.3%	2.6%	2.9%	3.1%	3.4%	3.7%	4.0%	4.2%	4.5%	4.8%	5.6%	5.9%	6.2%	6.5%	6.7%	7.0%	7.3%	7.6%	7.9%	8.1%	8.4%	8.7%	9.0%	9.2%
	-2.5%	99.38	6.1%	6.4%	6.7%	7.0%	7.3%	7.7%	8.0%	8.3%	8.6%	8.9%	9.3%	9.6%	9.9%	10.2%	10.5%	10.8%	11.5%	11.8%	12.1%	12.4%	12.8%	13.1%	13.4%	13.7%	14.0%	14.3%	14.7%	15.0%	15.3%	15.6%
			0.4%	0.6%	0.9%	1.2%	1.5%	1.7%	2.0%	2.3%	2.6%	2.9%	3.1%	3.4%	3.7%	4.0%	4.2%	4.5%	5.1%	5.4%	5.6%	5.9%	6.2%	6.5%	6.7%	7.0%	7.3%	7.6%	7.9%	8.1%	8.4%	8.7%
	-2.0%	99.50	5.8%	6.1%	6.4%	6.7%	7.0%	7.3%	7.7%	8.0%	8.3%	8.6%	8.9%	9.3%	9.6%	9.9%	10.2%	10.5%	11.2%	11.5%	11.8%	12.1%	12.4%	12.8%	13.1%	13.4%	13.7%	14.0%	14.3%	14.7%	15.0%	15.3%
			0.1%	0.4%	0.6%	0.9%	1.2%	1.5%	1.7%	2.0%	2.3%	2.6%	2.9%	3.1%	3.4%	3.7%	4.0%	4.2%	4.8%	5.1%	5.4%	5.6%	5.9%	6.2%	6.5%	6.7%	7.0%	7.3%	7.6%	7.9%	8.1%	8.4%
	-1.5%	99.63	5.4%	5.8%	6.1%	6.4%	6.7%	7.0%	7.3%	7.7%	8.0%	8.3%	8.6%	8.9%	9.3%	9.6%	9.9%	10.2%	10.8%	11.2%	11.5%	11.8%	12.1%	12.4%	12.8%	13.1%	13.4%	13.7%	14.0%	14.3%	14.7%	15.0%
			-0.2%	0.1%	0.4%	0.6%	0.9%	1.2%	1.5%	1.7%	2.0%	2.3%	2.6%	2.9%	3.1%	3.4%	3.7%	4.0%	4.5%	4.8%	5.1%	5.4%	5.6%	5.9%	6.2%	6.5%	6.7%	7.0%	7.3%	7.6%	7.9%	8.1%
	-1.0%	99.75	5.1%	5.4%	5.8%	6.1%	6.4%	6.7%	7.0%	7.3%	7.7%	8.0%	8.3%	8.6%	8.9%	9.3%	9.6%	9.9%	10.5%	10.8%	11.2%	11.5%	11.8%	12.1%	12.4%	12.8%	13.1%	13.4%	13.7%	14.0%	14.3%	14.7%
			-0.5%	-0.2%	0.1%	0.4%	0.6%	0.9%	1.2%	1.5%	1.7%	2.0%	2.3%	2.6%	2.9%	3.1%	3.4%	3.7%	4.2%	4.5%	4.8%	5.1%	5.4%	5.6%	5.9%	6.2%	6.5%	6.7%	7.0%	7.3%	7.6%	7.9%
	-0.5%	99.88	4.8%	5.1%	5.4%	5.8%	6.1%	6.4%	6.7%	7.0%	7.3%	7.7%	8.0%	8.3%	8.6%	8.9%	9.3%	9.6%	10.2%	10.5%	10.8%	11.2%	11.5%	11.8%	12.1%	12.4%	12.8%	13.1%	13.4%	13.7%	14.0%	14.3%
			-0.8%	-0.5%	-0.2%	0.1%	0.4%	0.6%	0.9%	1.2%	1.5%	1.7%	2.0%	2.3%	2.6%	2.9%	3.1%	3.4%	3.7%	4.0%	4.2%	4.5%	4.8%	5.1%	5.4%	5.6%	5.9%	6.2%	6.5%	6.7%	7.0%	7.3%
0.5%	100.13		4.2%	4.5%	4.8%	5.1%	5.4%	5.8%	6.1%	6.4%	6.7%	7.0%	7.3%	7.7%	8.0%	8.3%	8.6%	8.9%	9.3%	9.6%	9.9%	10.2%	10.5%	10.8%	11.2%	11.5%	11.8%	12.1%	12.4%	12.8%	13.1%	13.4%
			-1.3%	-1.0%	-0.8%	-0.5%	-0.2%	0.1%	0.4%	0.6%	0.9%	1.2%	1.5%	1.7%	2.0%	2.3%	2.6%	2.9%	3.1%	3.4%	3.7%	4.0%	4.2%	4.5%	4.8%	5.1%	5.4%	5.6%	5.9%	6.2%	6.5%	6.7%
1.0%	100.25		3.8%	4.2%	4.5%	4.8%	5.1%	5.4%	5.8%	6.1%	6.4%	6.7%	7.0%	7.3%	7.7%	8.0%	8.3%	8.6%	9.3%	9.6%	9.9%	10.2%	10.5%	10.8%	11.2%	11.5%	11.8%	12.1%	12.4%	12.8%	13.1%	13.4%
			-1.6%	-1.3%	-1.0%	-0.8%	-0.5%	-0.2%	0.1%	0.4%	0.6%	0.9%	1.2%	1.5%	1.7%	2.0%	2.3%	2.6%	3.1%	3.4%	3.7%	4.0%	4.2%	4.5%	4.8%	5.1%	5.4%	5.6%	5.9%	6.2%	6.5%	6.7%
1.5%	100.38		3.5%	3.8%	4.2%	4.5%	4.8%	5.1%	5.4%	5.8%	6.1%	6.4%	6.7%	7.0%	7.3%	7.7%	8.0%	8.3%	8.9%	9.3%	9.6%	9.9%	10.2%	10.5%	10.8%	11.2%	11.5%	11.8%	12.1%	12.4%	12.8%	13.1%
			-1.9%	-1.6%	-1.3%	-1.0%	-0.8%	-0.5%	-0.2%	0.1%	0.4%	0.6%	0.9%	1.2%	1.5%	1.7%	2.0%	2.3%	2.9%	3.1%	3.4%	3.7%	4.0%	4.2%	4.5%	4.8%	5.1%	5.4%	5.6%	5.9%	6.2%	6.5%
2.0%	100.50		3.2%	3.5%	3.8%	4.2%	4.5%	4.8%	5.1%	5.4%	5.8%	6.1%	6.4%	6.7%	7.0%	7.3%	7.7%	8.0%	8.6%	8.9%	9.3%	9.6%	9.9%	10.2%	10.5%	10.8%	11.2%	11.5%	11.8%	12.1%	12.4%	12.8%
			-2.1%	-1.9%	-1.6%	-1.3%	-1.0%	-0.8%	-0.5%	-0.2%	0.1%	0.4%	0.6%	0.9%	1.2%	1.5%	1.7%	2.0%	2.6%	2.9%	3.1%	3.4%	3.7%	4.0%	4.2%	4.5%	4.8%	5.1%	5.4%	5.6%	5.9%	6.2%
2.5%	100.63		2.9%	3.2%	3.5%	3.8%	4.2%	4.5%	4.8%	5.1%	5.4%	5.8%	6.1%	6.4%	6.7%	7.0%	7.3%	7.7%	8.3%	8.6%	8.9%	9.3%	9.6%	9.9%	10.2%	10.5%	10.8%	11.2%	11.5%	11.8%	12.1%	12.4%
			-2.4%	-2.1%	-1.9%	-1.6%	-1.3%	-1.0%	-0.8%	-0.5%	-0.2%	0.1%	0.4%	0.6%	0.9%	1.2%	1.5%	1.7%	2.3%	2.6%	2.9%	3.1%	3.4%	3.7%	4.0%	4.2%	4.5%	4.8%	5.1%	5.4%	5.6%	5.9%
3.0%	100.75		2.6%	2.9%	3.2%	3.5%	3.8%	4.2%	4.5%	4.8%	5.1%	5.4%	5.8%	6.1%	6.4%	6.7%	7.0%	7.3%	8.0%	8.3%	8.6%	8.9%	9.3%	9.6%	9.9%	10.2%	10.5%	10.8%	11.2%	11.5%	11.8%	12.1%
			-2.7%	-2.4%	-2.1%	-1.9%	-1.6%	-1.3%	-1.0%	-0.8%	-0.5%	-0.2%	0.1%	0.4%	0.6%	0.9%	1.2%	1.5%	2.0%	2.3%	2.6%	2.9%	3.1%	3.4%	3.7%	4.0%	4.2%	4.5%	4.8%	5.1%	5.4%	5.6%
3.5%	100.88		2.3%	2.6%	2.9%	3.2%	3.5%	3.8%	4.2%	4.5%	4.8%	5.1%	5.4%	5.8%	6.1%	6.4%	6.7%	7.0%	7.7%	8.0%	8.3%	8.6%	8.9%	9.3%	9.6%	9.9%	10.2%	10.5%	10.8%	11.2%	11.5%	11.8%
			-3.0%	-2.7%	-2.4%	-2.1%	-1.9%	-1.6%	-1.3%	-1.0%	-0.8%	-0.5%	-0.2%	0.1%	0.4%	0.6%	0.9%	1.2%	1.7%	2.0%	2.3%	2.6%	2.9%	3.1%	3.4%	3.7%	4.0%	4.2%	4.5%	4.8%	5.1%	5.4%
4.0%	101.00		1.9%	2.3%	2.6%	2.9%	3.2%	3.5%	3.8%	4.2%	4.5%	4.8%	5.1%	5.4%	5.8%	6.1%	6.4%	6.7%	7.3%	7.7%	8.0%	8.3%	8.6%	8.9%	9.3%	9.6%	9.9%	10.2%	10.5%	10.8%	11.2%	11.5%
			-3.3%	-3.0%	-2.7%	-2.4%	-2.1%	-1.9%	-1.6%	-1.3%	-1.0%	-0.8%	-0.5%	-0.2%	0.1%	0.4%	0.6%	0.9%	1.5%	1.7%	2.0%	2.3%	2.6%	2.9%	3.1%	3.4%	3.7%	4.0%	4.2%	4.5%	4.8%	5.1%
4.5%	101.13		1.6%	1.9%	2.3%	2.6%	2.9%	3.2%	3.5%	3.8%	4.2%	4.5%	4.8%	5.1%	5.4%	5.8%	6.1%	6.4%	7.0%	7.3%	7.7%	8.0%	8.3%	8.6%	8.9%	9.3%	9.6%	9.9%	10.2%	10.5%	10.8%	11.2%
			-3.5%	-3.3%	-3.0%	-2.7%	-2.4%	-2.1%	-1.9%	-1.6%	-1.3%	-1.0%	-0.8%	-0.5%	-0.2%	0.1%	0.4%	0.6%	1.2%	1.5%	1.7%	2.0%	2.3%	2.6%	2.9%	3.1%	3.4%	3.7%	4.0%	4.2%	4.5%	4.8%
5.0%	101.25		1.3%	1.6%	1.9%	2.3%	2.6%	2.9%	3.2%	3.5%	3.8%	4.2%	4.5%	4.8%	5.1%	5.4%	5.8%	6.1%	6.7%	7.0%	7.3%	7.7%	8.0%	8.3%	8.6%	8.9%	9.3%	9.6%	9.9%	10.2%	10.5%	10.8%
			-3.8%	-3.5%	-3.3%	-3.0%	-2.7%	-2.4%	-2.1%	-1.9%	-1.6%	-1.3%	-1.0%	-0.8%	-0.5%	-0.2%	0.1%	0.4%	1.0%	1.2%	1.5%	1.7%	2.0%	2.3%	2.6%	2.9%	3.1%	3.4%	3.7%	4.0%	4.2%	4.5%
5.5%	101.38		1.0%	1.3%	1.6%	1.9%	2.3%	2.6%	2.9%	3.2%	3.5%	3.8%	4.2%	4.5%	4.8%	5.1%	5.4%	5.8%	6.4%	6.7%	7.0%	7.3%	7.7%	8.0%	8.3%	8.6%	8.9%	9.3%	9.6%	9.9%	10.2%	10.5%
			-4.1%	-3.8%	-3.5%	-3.3%	-3.0%	-2.7%	-2.4%	-2.1%	-1.9%	-1.6%	-1.3%	-1.0%	-0.8%	-0.5%	-0.2%	0.1%	0.6%	0.9%	1.2%	1.5%	1.7%	2.0%	2.3%	2.6%	2.9%	3.1%	3.4%	3.7%	4.0%	4.2%
6.0%	101.50		0.7%	1.0%	1.3%	1.6%	1.9%	2.3%	2.6%	2.9%	3.2%	3.5%	3.8%	4.2%	4.5%	4.8%	5.1%	5.4%	6.0%	6.3%	6.7%	7.0%	7.3%	7.7%	8.0%	8.3%	8.6%	8.9%	9.3%	9.6%	9.9%	10.2%
			-4.4%	-4.1%	-3.8%	-3.5%	-3.3%	-3.0%	-2.7%	-2.4%	-2.1%	-1.9%	-1.6%	-1.3%	-1.0%	-0.8%	-0.5%	-0.2%	0.4%	0.6%	0.9%	1.2%	1.5%	1.7%	2.0%	2.3%	2.6%	2.9%	3.1%	3.4%	3.7%	4.0%
6.5%	101.63		0.3%	0.7%	1.0%	1.3%	1.6%	1.9%	2.3%	2.6%	2.9%	3.2%	3.5%	3.8%	4.2%	4.5%	4.8%	5.1%	5.8%	6.1%	6.4%	6.7%	7.0%	7.3%	7.7%	8.0%	8.3%	8.6%	8.9%	9.3%	9.6%	9.9%
			-4.6%	-4.4%	-4.1%	-3.8%	-3.5%	-3.3%	-3.0%	-2.7%	-2.4%	-2.1%	-1.9%	-1.6%	-1.3%	-1.0%	-0.8%	-0.5%	0.1%	0.4%	0.6%	0.9%	1.2%	1.5%	1.7%	2.0%	2.3%	2.6%	2.9%	3.1%	3.4%	3.7%
7.0%	101.75		0.0%	0.3%	0.7%	1.0%	1.3%	1.6%	1.9%	2.3%	2.6%	2.9%	3.2%	3.5%	3.8%	4.2%	4.5%	4.8%	5.4%	5.8%	6.1%	6.4%	6.7%	7.0%	7.3%	7.7%	8.0%	8.3%	8.6%	8.9%	9.3%	9.6%
			-4.9%	-4.6%	-4.4%	-4.1%	-3.8%	-3.5%	-3.3%	-3.0%	-2.7%	-2.4%	-2.1%	-1.9%	-1.6%	-1.3%	-1.0%	-0.8%	-0.2%	0.1%	0.4%	0.6%	0.9%	1.2%	1.5%	1.7%	2.0%	2.3%	2.6%	2.9%	3.1%	3.4%
7.5%	101.88		-0.3%	0.0%	0.3%	0.7%	1.0%	1.3%	1.6%	1.9%	2.3%	2.6%	2.9%	3.2%	3.5%	3.8%	4.2%	4.5%	5.1%	5.4%	5.8%	6.1%	6.4%	6.7%	7.0%	7.3%	7.7%	8.0%	8.3%	8.6%	8.9%	9.3%
			-5.2%	-4.9%	-4.6%	-4.4%	-4.1%	-3.8%	-3.5%	-3.3%	-3.0%	-2.7%	-2.4%	-2.1%	-1.9%	-1.6%	-1.3%	-1.0%	-0.5%	-0.2%	0.1%	0.4%	0.6%	0.9%	1.2%	1.5%	1.7%	2.0%	2.3%	2.6%	2.9%	3.1%
8.0%	102.00		-0.6%	-0.3%	0.0%	0.3%	0.7%	1.0%	1.3%	1.6%	1.9%	2.3%	2.6%	2.9%	3.2%	3.5%	3.8%	4.2%	4.8%	5.1%	5.4%	5.8%	6.1%	6.4%	6.7%	7.0%	7.3%	7.7%	8.0%	8.3%	8.6%	8.9%
			-5.5%	-5.2%	-4.9%	-4.6%	-4.4%	-4.1%	-3.8%	-3.5%	-3.3%	-3.0%	-2.7%	-2.4%	-2.1%	-1.9%	-1.6%	-1.3%	-0.8%	-0.5%	-0.2%	0.1%	0.4%	0.6%	0.9%	1.2%	1.5%	1.7%	2.0%	2.3%	2.6%	2.9%

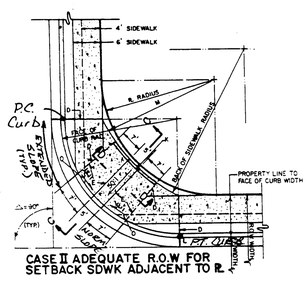
7.0% Slope of Standard City Wheelchair Ramp according to City of Albuquerque Standard Drawing No. 2441.
1.5% Slope of Standard City Wheelchair Ramp according to City of Albuquerque Standard Drawing No. 2441 modified to extend lateral slope areas to align with the P.C. or P.T. of the curb return.
Maximum slope allowed is 8.33%.

USE MODIFIED C.D.A. DRAWING (SEE THIS SHEET).

SPECIAL DESIGN REQUIRED FOR EACH INDIVIDUAL CASE

USE STANDARD C.D.A. DRAWING (SEE THIS SHEET).

USE MODIFIED C.D.A. DRAWING. (SEE THIS SHEET)



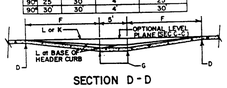
GENERAL NOTES:

1. CURB ACCESS RAMPS ARE NORMALLY TO BE LOCATED AT THE CENTER OF THE RETURN OR AS DIRECTED BY THE CITY TRAFFIC ENGINEER.
2. SURFACE TEXTURE OF CURB ACCESS RAMPS SHALL BE OBTAINED BY HEAVY BROOMING (TEXTURE DEPTH .03IN"), TRANSVERSE TO THE SLOPE OF THE RAMP.
3. GUTTER FLOW-LINE PROFILE SHALL BE MAINTAINED THROUGH THE AREA OF THE RAMP. DRAINAGE CATCH BASIN STRUCTURES SHALL NOT BE PLACED IN LINE WITH RAMPS.
4. WIDTH OF SIDEWALK AND RAMP MUST BE MAINTAINED AT A MINIMUM OF 5'-0" THROUGH ENTIRE RAMP LENGTH.

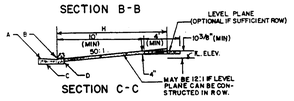
CONSTRUCTION NOTES:

A. SLOPE OF GUTTER MOVEMENT ON REQUIREMENTS FOR VALLEY GUTTER.
B. 1/2" LIP ABOVE FLOW LINE (VERTICAL), SEE STD. DWG. 2415
C. CURB & GUTTER (SEE STD. DWG. 2415 - GUTTER AT CURB ACCESS RAMP)
D. 1/2" EXPANSION JOINT
E. PARALLEL LINES - TOP AND BOTTOM OF RAMP
F. 7' AT FACE OF CURB (SEE STD. DWG. 2418)
G. CONTRACTION (SLOPE) JOINT
H. WHEELS WITH AVAILABLE S.O.W.
J. VARIABLE
K. HEADED CURB, SEE DWG. 2415
L. BACK OF SIDEWALK
M. BACK OF SIDEWALK RADIUS TO BE ESTABLISHED TO AS TO MAINTAIN A 5'-0" RAMP WIDTH (MINIMUM) ON SOME THOROUGHFARE. SEE STD. DWG. 2415 (NOTE 5) IF LESS THAN 5'-0" IS AVAILABLE DUE TO UNTIMELY DIMENSIONALE CONSTRAINTS.
N. 8-1/2" MAX.
O. 12:1" SLOPE MAXIMUM ON RAMP.
P. ANY PRIVATE LANDSCAPING AND OR IRRIGATION SHALL BE RESTORED TO ORIGINAL CONDITION. SHOULD ANY PRIVATE IMPROVEMENT NEED TO BE REMOVED, OWNER MUST BE NOTIFIED.

CASE	R. RADIUS	CURB HEIGHT	CURB WIDTH	BACK S.W. RAD.
90H	25	25	4	25
90H	30	25	4	30
90H	25	30	4	25
90H	30	30	4	30



SECTION D-D



STANDARD WHEELCHAIR RAMP LATERAL SLOPES SHALL EXTEND 9.5' EITHER SIDE OF CENTERLINE. IN CASES OF MODIFIED WHEELCHAIR RAMP, THE LATERAL SLOPE AREA SHALL BE EXTENDED TO ALIGN WITH THE PC OR PT OF THE CURB RETURN (SEE ABOVE). IN NO CASE SHALL THE SLOPE OF THE WHEELCHAIR RAMP EXCEED 12:1.

24 5232.90 24 96

PLANNED BY BY LASON

D:\DATA\ACAD\LACUEVA\WC_RAMP.DWG

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

BENCH MARKS

SURVEY INFORMATION
FIELD NOTES
BY
DATE

ENGINEER'S SEAL
Terry O. Brown
8/16/95

NO.	DATE	REMARKS REVISIONS DESIGN	BY
		DATE:	
		DATE:	
		DATE:	

DESIGNED BY: TOB
DRAWN BY: TOB
CHECKED BY: TOB

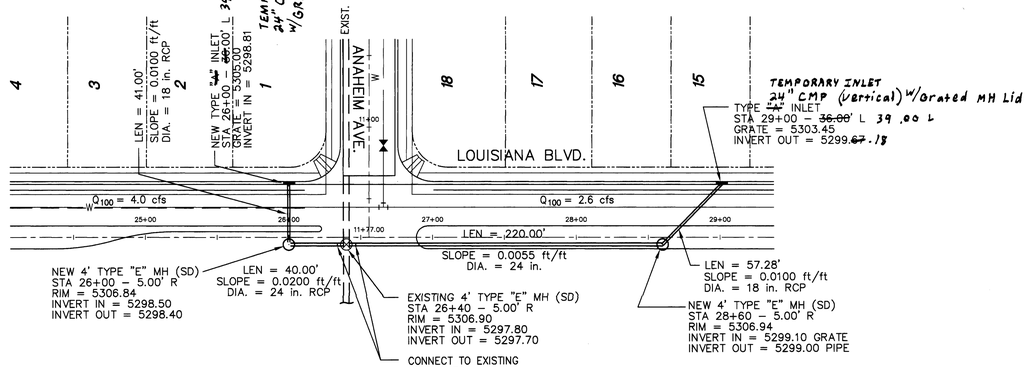
Terry O. Brown, P.E.
P. O. Box 92051
Albuquerque, NM 87199
(505) 883-8807

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE:
LA CUEVA OESTE, UNIT 1
WHEELCHAIR RAMP DESIGN SHEET

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN	B.G. Lovato	10-3-95	WATER		
TRANSPORTATION	N/A RHD	8-17-95	WASTE WATER	N/A GRC	8/31/95
HYDROLOGY	N/A SMC	9-15-95			

PROJECT NO.	MAP NO.	SHEET
5232.90	C-18	27 OF 29



SCALE:
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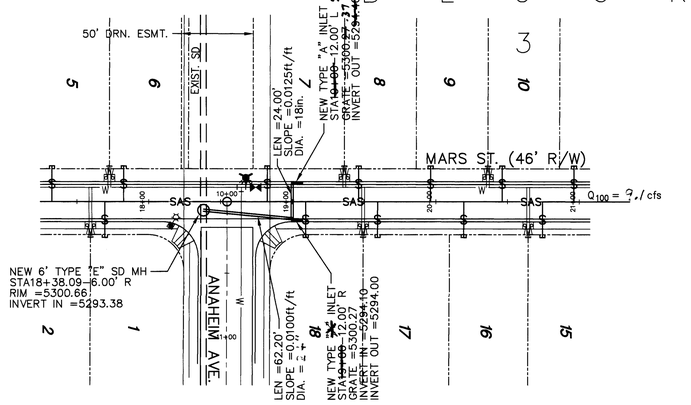
1"=5' VERT.



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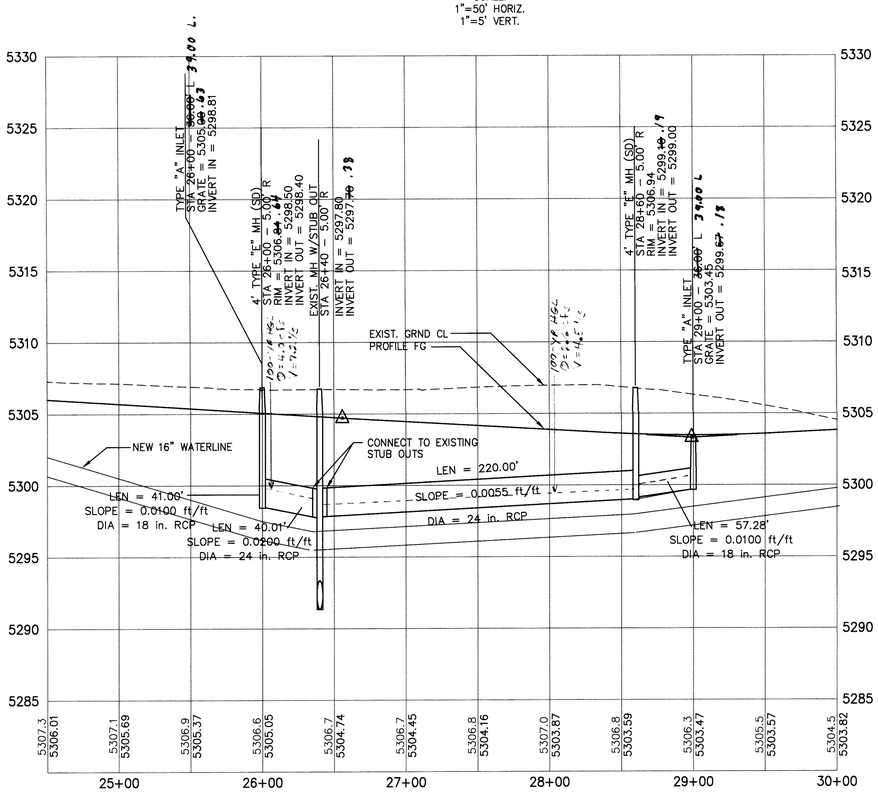

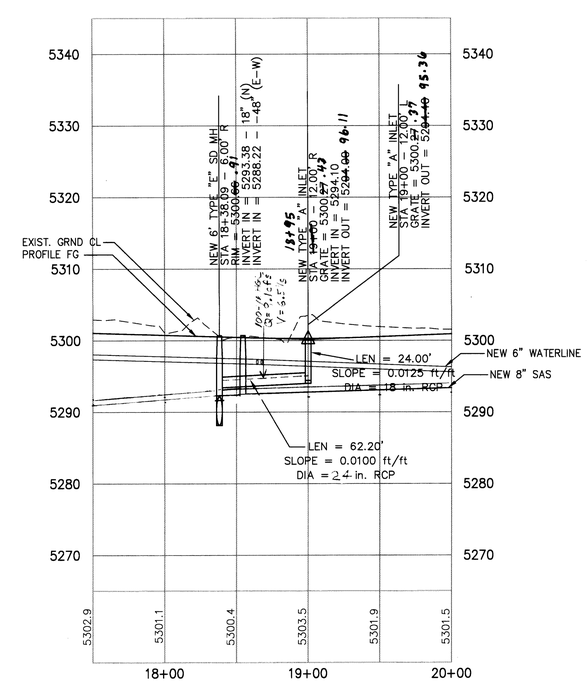

SCANNED BY
BY LASON

STORM DRAIN LEGEND

- PROPOSED STORM DRAIN
- EXISTING STORM DRAIN
- EXISTING MANHOLE
- PROPOSED MANHOLE
- PROPOSED INLET
- —W— PROPOSED MANHOLE
- —SAS— PROPOSED INLET

STORM DRAIN NOTES

1. UNLESS OTHERWISE STATED, ALL STORM DRAIN PIPES SHALL BE CLASS III RCP.
2. THE FOLLOWING C.O.A. STD. DRAWINGS SHALL APPLY:
   2201
   2202
   2205
   2206
   2207
   2215
   2216
   2220
   2236
   2101
   2102
   2107
   2110
3. ALL STORM DRAIN IMPROVEMENTS SHOWN SHALL BE CONSTRUCTED WITH PHASE 1. HOWEVER, LOUISIANA BLVD. WILL BE CONSTRUCTED IN THE FUTURE BY SEPARATE CITY OF ALBUQUERQUE CONSTRUCTION CONTRACT. THE CONTRACTOR SHALL GRADE EXISTING BAR SITCHES TO DRAIN TO THE NEW STORM DRAIN INLETS.

AS BUILT INFORMATION
CONTRACTOR New Concepts DATE 12/95
WORK STAKED BY COA
INSPECTOR ACCEPTANCE BY L. Romero DATE 3/96
FIELD VERIFICATION BY L. R. DATE 1/96
DRAWINGS CORRECTED BY L. R. DATE 4/96
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS
ACS STA. No. 1-C19
X = 1518845.74
Y = 404941.91
Z = 5318.195

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL
DONALD S. DIXON NEW MEXICO 10043 REGISTERED PROFESSIONAL ENGINEER
8/9/95

NO.	DATE	REMARKS	BY

REVISIONS

DESIGN
DESIGNED BY: DSD DATE: 8/95
DRAWN BY: TB/PG DATE: 8/95
CHECKED BY: DSD DATE: 8/95

2C-5232.90 2896

Resource Technology, Inc.
ENGINEERS AND ENVIRONMENTAL SCIENTISTS
CIVIL · ENVIRONMENTAL · WATER RESOURCES · RECREATION · PLANNING
2129 Osuna Road NE, Suite 200 – Albuquerque, New Mexico
(505) 345-3115

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: LA CUEVA OESTE, UNIT 1
STORM DRAINAGE PLAN AND PROFILE
LOUISIANA BLVD. & MARS ST.

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN		10-3-95	WATER		8/31/95
TRANSPORTATION	N/A RHD	8-17-95	WASTE WATER		
HYDROLOGY		9-15-95			

PROJECT NO.	MAP NO.	SHEET	OF
5232.90	C-18	28(1SD)	29

DRN_SHT1.DWG

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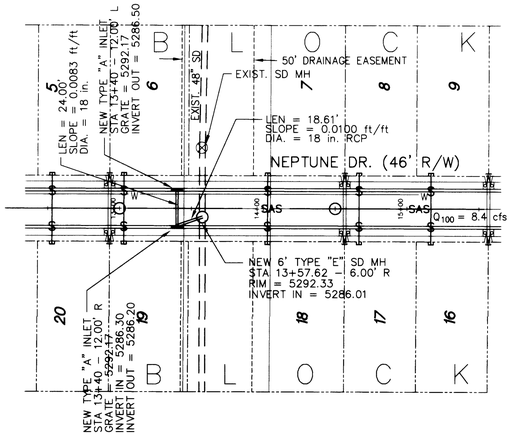
8/9/95 08:35



SCALE:
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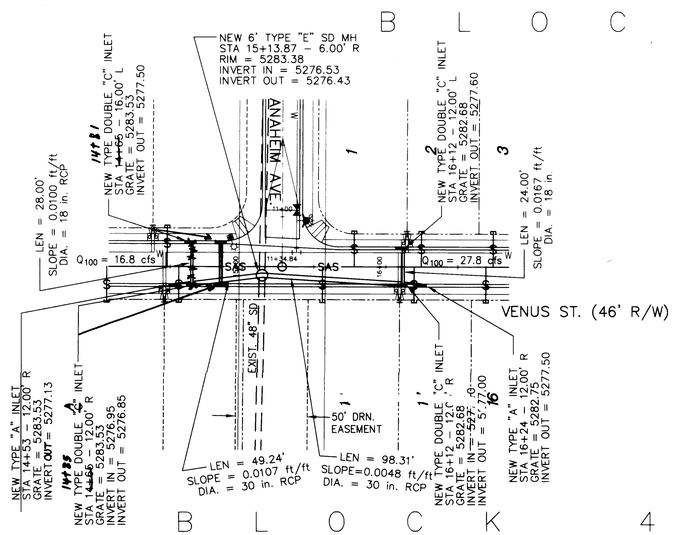
1"=10' VERT.



SCALE:
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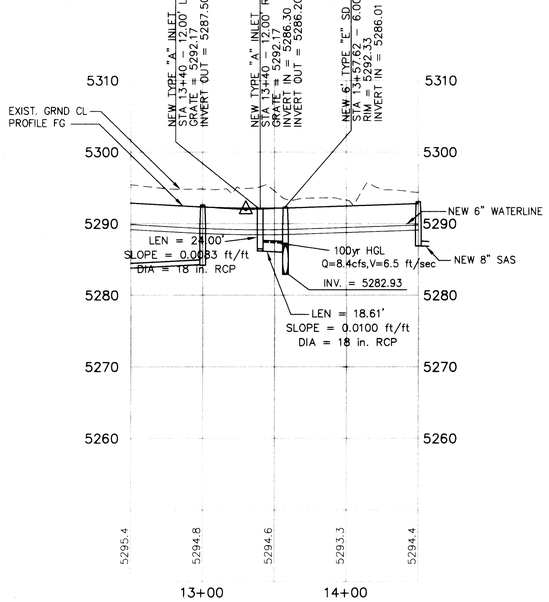
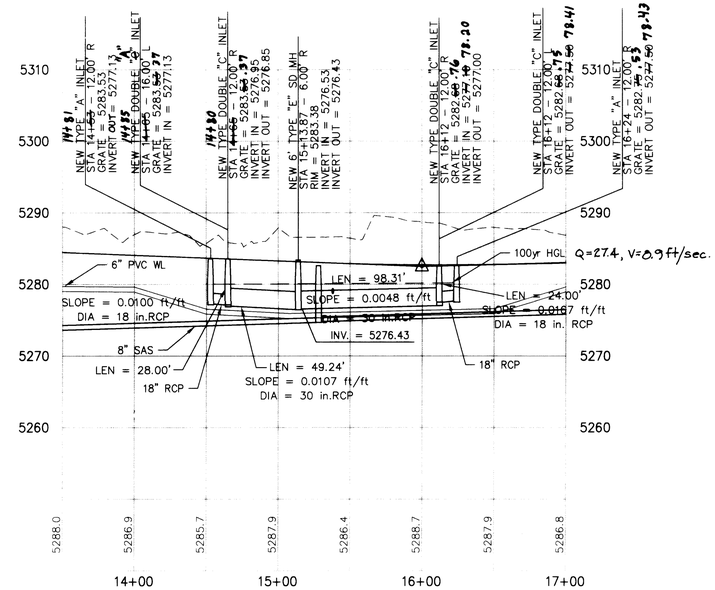
1"=10' VERT.





SCANNED BY
BY LASON

DRN_SHT1.DWG

DWG: C:\PROJ\OESTE\C\PROJ\OESTE\SD_SHT
TIME: 08-24-95 13:17:08

STORM DRAIN LEGEND

- PROPOSED STORM DRAIN
- EXISTING STORM DRAIN
- EXISTING MANHOLE
- PROPOSED MANHOLE
- PROPOSED INLET
- W — PROPOSED MANHOLE
- SAS — PROPOSED INLET

STORM DRAIN NOTES

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   2201
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   2205
   2206
   2207
   2215
   2216
   2220
   2236
   2101
   2102
   2107
   2110

AS BUILT INFORMATION

CONTRACTOR	New Concept	
WORK STAKED BY	C.O.A.	DATE 7/12
INSPECTOR'S ACCEPTANCE BY	L. Gomez	DATE 7/12
FIELD VERIFICATION BY	L. R.	DATE 3/96
DRAWINGS CORRECTED BY	L. R.	DATE 4/96

MICRO-FILM INFORMATION

RECORDED BY DATE

NO.

BENCH MARKS

ACS STA. No. 1-C19
X = 1518845.74
Y = 404941.91
Z = 5318.195

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL

DONALD S. DIXON
NEW MEXICO
8/24/95

NO.	DATE	REMARKS	BY
		REVISIONS	

DESIGN

DESIGNED BY: DSD DATE: 8/95
DRAWN BY: TB/PG DATE: 8/95
CHECKED BY: DSD DATE: 8/95

Resource Technology, Inc.
ENGINEERS AND ENVIRONMENTAL SCIENTISTS
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CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: LA CUEVA OESTE, UNIT 1
STORM DRAINAGE PLAN AND PROFILE
NEPTUNE ST. AND VENUS ST.

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN	B.G. Gotsch	10-3-95	WATER		
TRANSPORTATION	NTA RHD	9-15-95	WASTE WATER	NA Ewb	8/31/95
HYDROLOGY	J. Calongne	9-15-95			

PROJECT NO.	MAP NO.	SHEET OF
5232.90	C-18	29 (2SD) 29