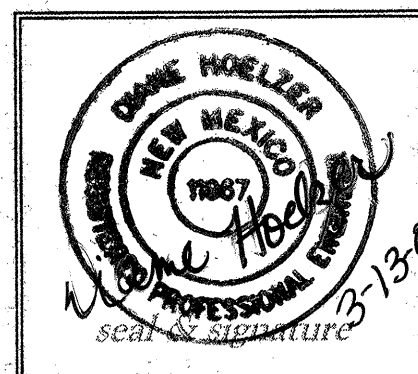


SCANNED BY
MESA REPRO

CONSTRUCTION PLANS FOR *VISTA DEL NORTE* *UNITS 1A & 1B INFRASTRUCTURE* *PAVING, WATERLINE, SANITARY AND STORM SEWER* ALBUQUERQUE, NEW MEXICO

VISTA DEL NORTE UNITS 1A AND 1B CERTIFICATE OF SUBSTANTIAL COMPLIANCE ON PLANS

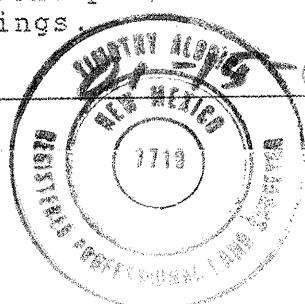
I, Diane Hoelzer, NMPE 11967, of the firm Mark Goodwin & Associates, P.A., a Registered Professional Engineer in the State of New Mexico, do hereby certify, to the best of my knowledge and belief, that the infrastructure installed as part of this project has been inspected by me or by a qualified person under my direct supervision, and has been constructed in accordance with the plans and specifications approved by the City Engineer and that the original design intent of the approved plans has been met, except as noted by me on the as-built construction drawings. This Certification is based on site inspections by me or personnel under my direction, and survey information provided by ALS, Inc., NMPS number 7719.



SURVEYOR'S CERTIFICATION

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

Timothy Aldrich, P.S. No. 7719



INDEX TO DRAWINGS

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1	TITLE SHEET
2-8	PLAT
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11	MASTER PAVING PLAN
12-13	CALLE MONTANA
14	CAMINO CASA & CALLE MONTANA STUB
15	VILLA ELEGANTE
16	VIA DEL SUENO
17	CALLE DIVINA & CORTE OCASO
18	VIA DESIERTO
19	MASTER UTILITY PLAN
20-21	CALLE MONTANA
22	VISTA DEL NORTE DR. & VIA DESIERTO
23	VIA DESIERTO
24	VIA ELEGANTE
25	VIA DEL SUENO
26	CALLE DIVINA & CORTE OCASO
27-28	TRAFFIC CONTROL

DRB NO.

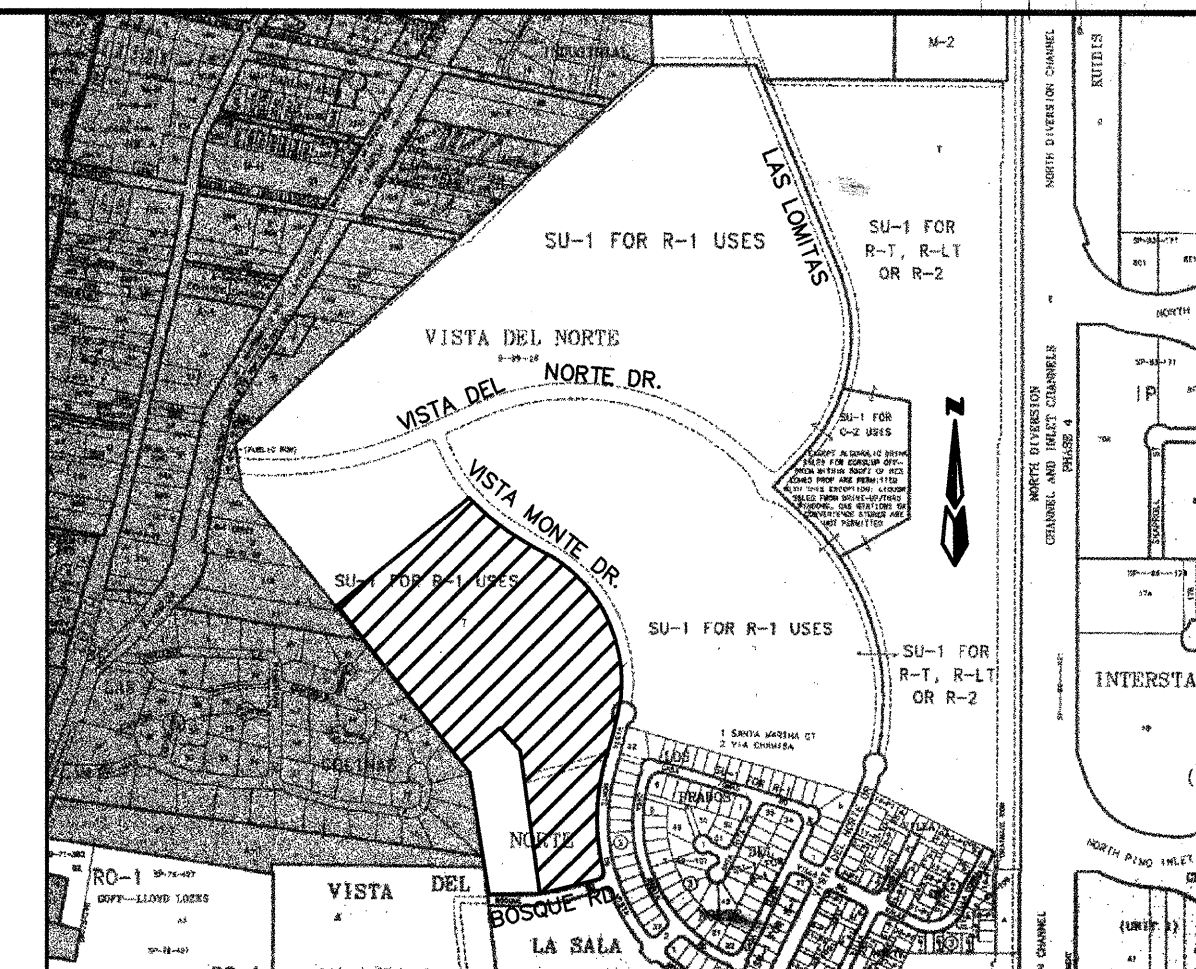
1001396

APPROVED AS RECORD DRAWINGS
DESIGN REVIEW SECTION
CITY OF ALBUQUERQUE
DATE: 11/10/02

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

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

REV.	SHEETS	CITY ENGINEER	DATE	USER DEPARTMENT	DATE	USER DEPARTMENT	DATE
ENGINEERS STAMP & SIGNATURE		APPROVALS	ENGINEER	DATE	APPROVED FOR CONSTRUCTION		
		DRC CHAIRMAN	5-23-02	5/10/02	CITY ENGINEER DATE		
		TRANSPORTATION	5/10/02	5/10/02			
		WATER/WASTEWATER	5/10/02	5/10/02			
		HYDROLOGY	5/10/02	5/10/02			
		CIP	5-23-02	5-23-02			
		CONSTR. MGMT.					
		CONSTR. COORD.					
		CITY PROJECT NO.	682683				
		SHEET OF	1	28			



VICINITY MAP
ZONE ATLAS D-16
SCALE: NONE

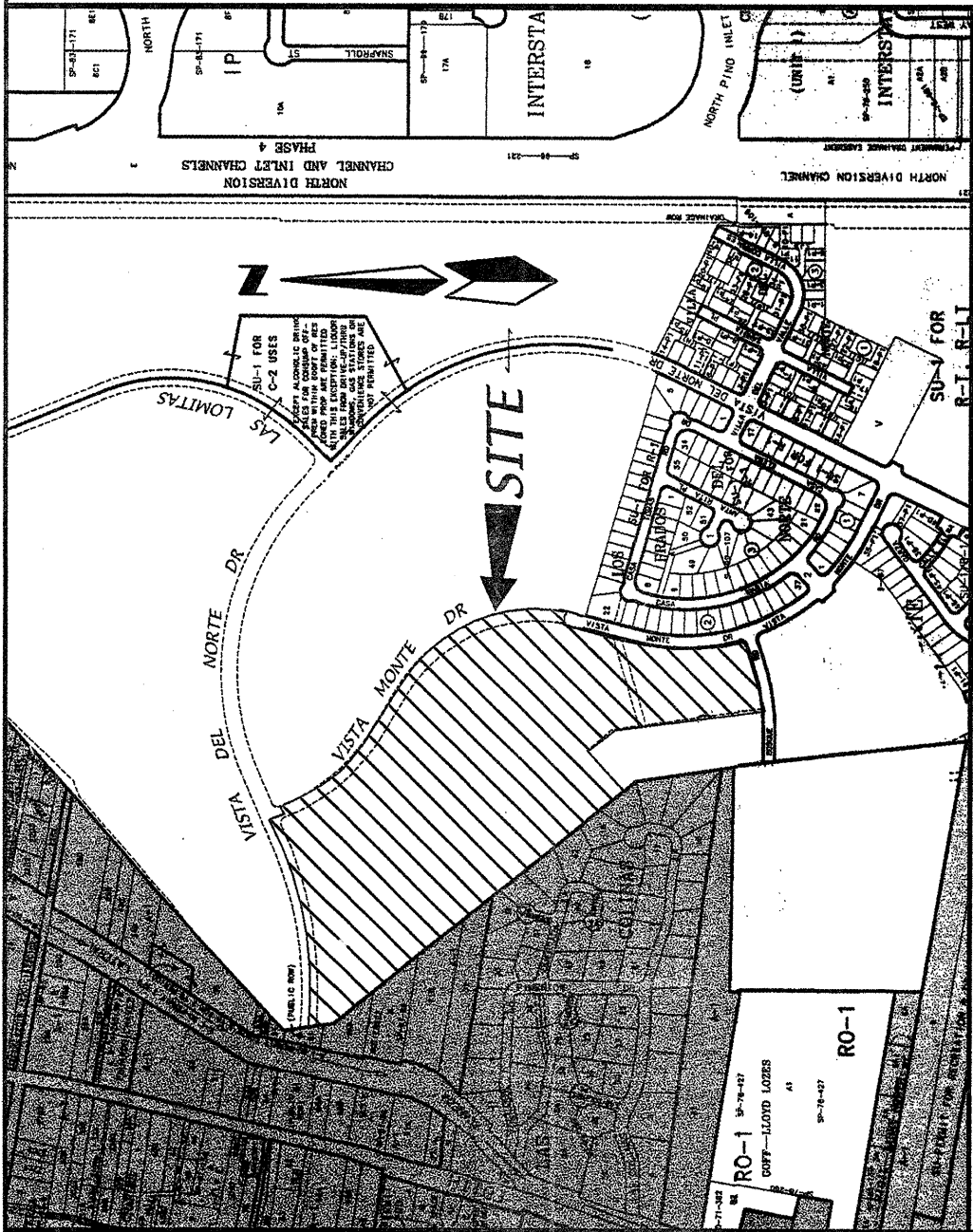
GENERAL NOTES

NOTICE TO CONTRACTORS

1. AN EXCAVATION/CONSTRUCTION PERMIT WILL BE REQUIRED BEFORE BEGINNING ANY WORK WITHIN THE CITY RIGHT-OF-WAY.
2. 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 AS REVISED THROUGH UPDATE #6.
3. TWO WORKING DAYS PRIOR TO ANY EXCAVATION, THE CONTRACTOR MUST CONTACT NEW MEXICO ONE CALL SYSTEM (260-1990) FOR LOCATION OF EXISTING UTILITIES.
4. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL OBSTRUCTIONS. SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY SO THAT THE CONFLICT CAN BE RESOLVED WITH A MINIMUM AMOUNT OF DELAY.
5. FIVE (5) WORKING DAYS PRIOR TO BEGINNING OF CONSTRUCTION, THE CONTRACTOR SHALL SUBMIT TO CONSTRUCTION COORDINATION DIVISION A DETAILED CONSTRUCTION SCHEDULE. TWO (2) WORKING DAYS PRIOR TO THE START OF CONSTRUCTION, THE CONTRACTOR SHALL OBTAIN A BARRICADING PERMIT FROM THE CONSTRUCTION COORDINATION DIVISION. A CONTRACTOR SHALL NOTIFY THE CONSTRUCTION COORDINATION ENGINEER (768-2551) PRIOR TO OCCUPYING AN INTERSECTION. REFER TO SECTION 19 OF THE GENERAL CONDITIONS OF THE STANDARD SPECIFICATIONS.
6. ALL WORK AFFECTING ARTERIAL ROADWAYS REQUIRES TWENTY-FOUR HOUR CONSTRUCTION.
7. ALL STREET STRIPING ALTERED OR DESTROYED SHALL BE REPLACED WITH PLASTIC REFLECTORIZED PAVEMENT MARKING BY CONTRACTOR TO THE SAME LOCATION AS WAS EXISTING, OR AS INDICATED BY THIS PLAN SET.
8. CONTRACTOR SHALL NOTIFY THE ENGINEER NOT LESS THAN SEVEN (7) DAYS PRIOR TO STARTING WORK IN ORDER THAT THE CITY SURVEYOR MAY TAKE NECESSARY MEASUREMENTS TO INSURE THE PRESERVATION OF SURVEY MONUMENTS. CONTRACTOR SHALL NOT DISTURB PERMANENT SURVEY MONUMENTS WITHOUT THE CONSENT OF THE CITY SURVEYOR AND SHALL NOTIFY THE CITY SURVEYOR AND BEAR THE EXPENSE OF REPLACING ANY THAT MAY BE DISTURBED WITHOUT PERMISSION. REPLACEMENT SHALL BE DONE ONLY BY THE CITY SURVEYOR. WHEN A CHANGE IS MADE IN THE FINISHED ELEVATIONS OF THE PAVEMENT OF ANY ROADWAY IN WHICH A PERMANENT SURVEY MONUMENT IS LOCATED, CONTRACTOR SHALL, AT HIS OWN EXPENSE, ADJUST THE MONUMENT TO COVER THE NEW GRADE UNLESS OTHERWISE SPECIFIED. REFER TO SECTION 4.4 OF THE GENERAL CONDITIONS OF THE STANDARD SPECIFICATIONS. CONTRACTOR SHALL RECORD DATA ON ALL UTILITY LINES AND ACCESSORIES AS REQUIRED BY THE CITY OF ALBUQUERQUE FOR THE PREPARATION OF "AS CONSTRUCTED" DRAWINGS. CONTRACTOR SHALL NOT COVER UTILITY LINES AND ACCESSORIES UNTIL ALL DATA HAVE BEEN RECORDED.
10. CONTRACTOR SHALL MAINTAIN A GRAFFITI-FREE WORK SITE. CONTRACTOR SHALL PROMPTLY REMOVE ANY GRAFFITI FROM ALL EQUIPMENT, WHETHER PERMANENT OR TEMPORARY.
11. CONTRACTOR SHALL COORDINATE WITH THE CITY OF ALBUQUERQUE WATER SYSTEMS DIVISION (857-8200) FIVE (5) WORKING DAYS IN ADVANCE OF ANY WORK THAT MAY AFFECT EXISTING PUBLIC WATER OR SEWER UTILITIES. EXISTING VALVES TO BE OPERATED BY CITY PERSONNEL ONLY. CONTRACTOR SHALL CONTACT THE WATER SYSTEMS DIVISION THREE (3) WORKING DAYS PRIOR TO NEEDING VALVES TURNED ON OR OFF.
12. FOR STORM DRAIN CONSTRUCTION, RCP JOINTS SHALL NOT BE GROUTED PRIOR TO FINAL INSPECTION. FINAL INSPECTION WILL DETERMINE JOINTS TO BE GROUTED FOR FINAL ACCEPTANCE BY CITY.

THE FOLLOWING NOTES ALSO APPLY WHEN CHECKED

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



LOCATION MAP
ZONE ATLAS D-16-Z
SCALE: NONE

SUBDIVISION DATA

Plat Case No.'s Project #1001396
Case #
Zone Atlas No. 35.9564 AC
D-16-Z
No. of existing Tract(s) 2 TRACTS
No. of Tract(s) created 1 TRACT/54 LOTS
No. of Tract(s) eliminated 2 TRACTS
Miles of full width streets created 0.59
Area dedicated to the City of Albuquerque 3.6718 AC
Date of Survey NOVEMBER, 1998
Utility Control Location System Log Number 99092909100192

FREE CONSENT AND DEDICATION:

The subdivision hereon described is with the free consent and in accordance with the desires of the undersigned owner(s) and/or proprietor(s) thereof and said owner(s) and/or proprietor(s) do hereby dedicate all streets, public right-of-ways shown hereon to the City of Albuquerque in fee simple with warranty covenants and do hereby grant: all access, utility and drainage easements shown herein including the right to construct, operate, inspect, and maintain facilities therein; and all public utility easements shown hereon for the common and joint use of gas, electrical power and communication services for buried distribution lines, conduits, and pipes for underground utilities where shown or indicated, and including the right of ingress and egress for construction and maintenance, and the right to trim interfering trees and shrubs. Said owner(s) and/or proprietor(s) do hereby consent to all of the foregoing and do hereby certify that this subdivision is their free act and deed. Said owner(s) warrant that they hold among them complete and indefeasible title to the land subdivided.

VISTA DEL NORTE DEVELOPMENT, LLC:
BY: JOHN A. MYERS, ASSISTANT MANAGER PRO TEM:

JOHN A. MYERS, ASSISTANT MANAGER PRO TEM
DATE
OWNER'S ACKNOWLEDGMENT
STATE OF NEW MEXICO SS
COUNTY OF BERNALILLO

This instrument was acknowledged before me on
By John A. Myers, Assistant Manager pro tem Vista Del Norte Development, LLC A
New Mexico Corporation on behalf of said corporation

NOTARY PUBLIC
MY COMMISSION EXPIRES

LEGAL DESCRIPTION (SEE SHEET 2)

NOTES (SEE SHEET 2)

PURPOSE OF PLAT

- Subdivide Tract T-3-A and T-2-A-1-D, Vista Del Norte Subdivision into One Tract and 54 Lots.
- Grant easements as shown.
- Dedicate right-of-way as shown.

PLAT FOR
LAJOYA DEL NORTE
(FORMERLY UNIT 1A)
WITHIN THE
ELENA GALLEGOS GRANT
PROJECTED SECTIONS 22 AND 27
TOWNSHIP 11 NORTH, RANGE 3 EAST, NMPM
CITY OF ALBUQUERQUE
BERNALILLO COUNTY, NEW MEXICO
APRIL 2002

APPROVED AND ACCEPTED BY:

APPROVAL AND CONDITIONAL ACCEPTANCE as specified by the Albuquerque subdivision Ordinance, Chapter 14 Article 14 of the Revised Ordinances of Albuquerque, New Mexico, 1994.

Subdivision Case No. _____	
Planning Director, City of Albuquerque, N.M.	Date
City Engineer, City of Albuquerque, N.M.	Date
Albuquerque Metropolitan Arroyo Flood Control Authority	Date
Transportation Development, City of Albuquerque, N.M.	Date
Utility Development Division, City of Albuquerque, N.M.	Date
Parks and Recreation	Date
City Surveyor, City of Albuquerque, N.M.	Date
Property Management, City of Albuquerque, N.M.	Date
PNM Gas	Date
PNM Electric	Date
Qwest Telecommunications	Date
Comcast Cable	Date
Vista Del Norte Homeowner's Association	Date

SURVEYOR'S CERTIFICATION

"I, Timothy Aldrich, a duly qualified Registered Professional Land Surveyor under the laws of the State of New Mexico, do hereby certify that this plat and description were prepared by me or under my supervision, shows all easements as shown on the plat of record or made known to me by the owners and/or proprietors of the subdivision shown hereon, utility companies and other parties expressing an interest and meets the minimum requirements for monumentation and surveys of the Albuquerque Subdivision Ordinance, and further meets the Minimum Standards for Land Surveying in the State of New Mexico, and is true and correct to the best of my knowledge and belief."

Timothy Aldrich P.S. No. 7719

Dwg: COVER.dwg
Scale: 1"=1"
Drawn: RICHARD
Date: 04/24/02
Checked: ALS
Job: A01005
Sheet 1 of 8

LEGAL DESCRIPTION

A Tract Of Land Situate Within The Elena Gallegos Grant, Projected Section 22, Township 11 North, Range 3 East, New Mexico Principal Meridian, City Of Albuquerque, Bernalillo County, New Mexico Being All of Tract T-3-A and T-2-A-1-D, Vista Del Norte as the same is shown, and designated on said plat filed for record in the Office of the County Clerk of Bernalillo County, New Mexico on January 20, 2002 in Book 2002C, Page 31 and containing 35.6564 acres more or less.

NOTES

- Bearings are New Mexico State Plane Grid Bearings (Central Zone).
- Distances are ground distances.
- Bearings and distances are field and record.
- Basis of boundary are the following plats (and documents) of record entitled:
BULK PLAT FOR "TRACTS T-2-A-1-A, T-2-A-1-B, T-2-A-1-C, T-2-A-1-D, T-3-A, AND T-3-B, VISTA DEL NORTE SUBDIVISION" (01-20-02 2002C-31)
PLAT FOR "TRACTS T-2-A-1, T-2-A-2 VISTA DEL NORTE SUBDIVISION", (06-19-01, 2001C-171)
PLAT FOR "TRACTS T-2-A, T-2-B VISTA DEL NORTE SUBDIVISION", (02-22-01, 2001C-59)
PLAT FOR "VISTA DEL NORTE" (03-16-99, 99C-57)
PLAT FOR "VISTA DEL NORTE SUBDIVISION" (04-18-99, 99C-206)
PLAT FOR "LOS PRAZOS DEL NORTE SUBDIVISION" (05-16-99, 99C-233)
PLAT FOR "TRACTS T-1, T-2, T-3 & T-4 VISTA DEL NORTE SUBDIVISION", (12-10-99, 99C-337)
all being records of Bernalillo County, New Mexico.
- Field Survey performed November, 1998.
- Unless otherwise noted all point are SET 5/8" REBAR WITH CAP "ALS LS 7719" (NYP)
- The City has the right to enter upon the grantors property at any time and perform whatever inspection, installation, maintenance, repair modification or removal ("work") it deems appropriate without liability to the city. If the work creates an encroachment, the encroachment is made by the grantor, the city will not be financially or otherwise responsible for the cost of the removal of the improvements or encroachments. If in the opinion of the city, the work to be performed by the city could endanger the structural integrity or otherwise damage the improvements or encroachments, the grantor shall, at its own expense, take whatever protective measures are required to safeguard the improvements or encroachments.
- Prior to approval of final subdivision plat for Tract T-2-A-1-C, the developer will dedicate to the city of Albuquerque a 4.0 acre park subject to approval by the City of Albuquerque and the recorded park agreement between the developer and the City of Albuquerque.
- Tract A is to be owned and maintained by the Vista Del Norte Homeowner's Association.

PUBLIC UTILITY EASEMENTS:

- PUBLIC UTILITY EASEMENTS shown on this plat are granted for the common and joint use of:
- The PNM Electric Services Division for the installation, maintenance and service of overhead and underground electrical lines, transformers, poles and any other equipment, fixtures, structures and related facilities reasonably necessary to provide electrical services.
 - The PNM Gas Services Division for installation, maintenance and services of natural gas lines, valves and other equipment and facilities reasonably necessary to provide natural gas.
 - Qwest for installation, maintenance and service of all buried and aerial communication lines and other related equipment and facilities reasonably necessary to provide communication services, including but not limited to above ground pedestals and closures.
 - Comcast cable for installation, maintenance and service of such lines, cable and other related equipment and facilities reasonably necessary to provide cable service. Comcast shall be included in the right to build, reconstruct, locate, relocate, change, remove, modify, renew, operate and

maintain facilities for the purposes described above, together with free access to, from and over said easement, including the right to place and use electric transformers, poles and bushes which interfere with the purposes set forth herein. No building, sign, pool (above ground or subsurface), hot tub, concrete or wood pool decking, or other structure shall be erected or constructed on said easements, nor shall any well be drilled or operated thereon. Property owners shall be solely responsible for correcting any violations of National Electrical Safety Code caused by construction of pools, decking or any structures adjacent to within or near easements shown on this plat.

In approving this plat, the utility companies did not conduct a Title Search of the properties shown hereon. Consequently, the utility companies do not waive or release any easement or easement rights which may have been granted by prior plat, replat or other document and which are not shown on this plat.

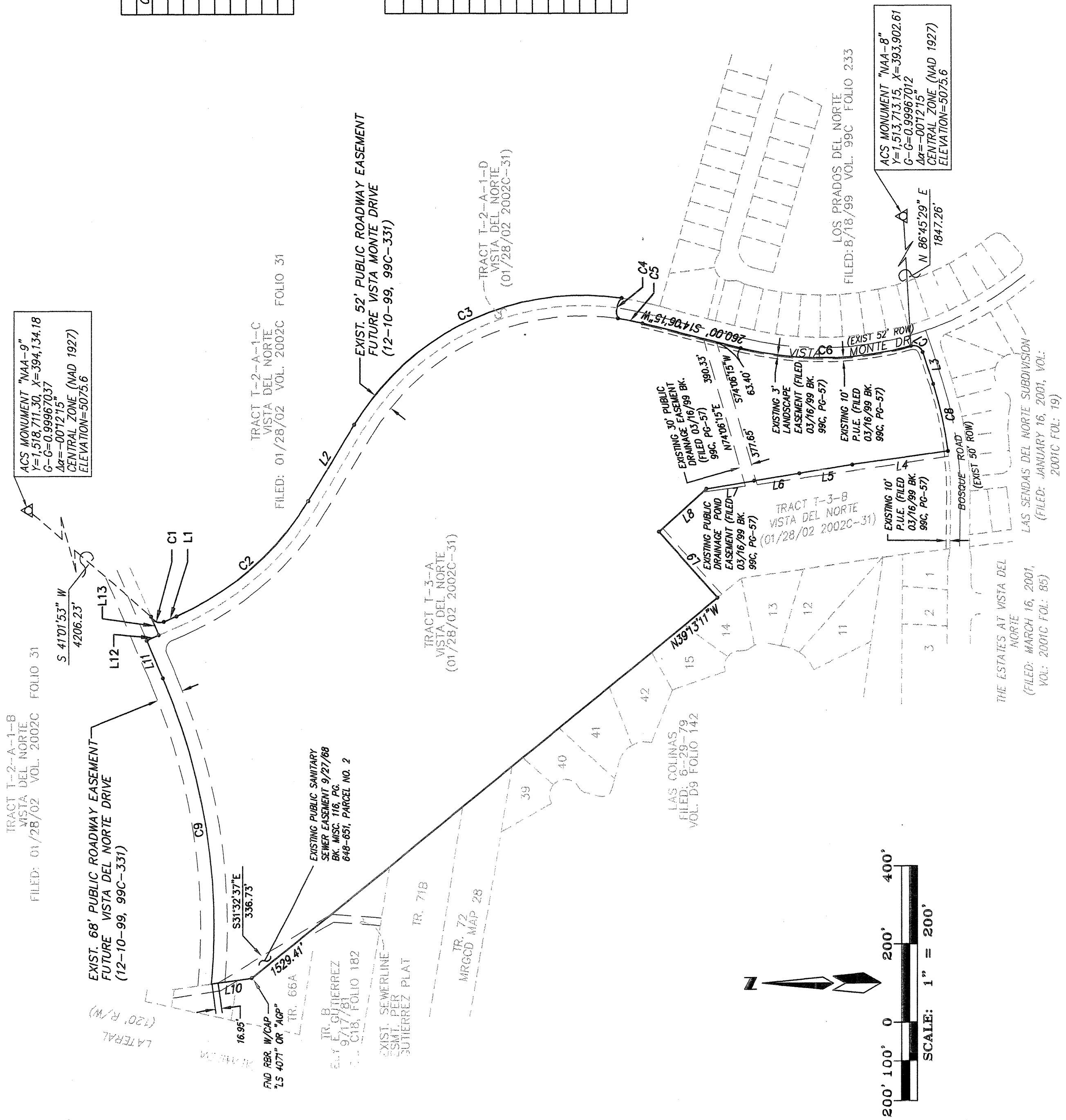
Easements for electric transformers/switchgears, as installed, shall extend ten feet (10') in front of transformer/switchgear doors and five feet (5') on each side.

PLAT FOR
LAJOYA DEL NORTE
VISTA DEL NORTE SUBDIVISION
(FORMERLY UNIT 1A)

WITHIN THE
 ELENA GALLEGOS GRANT
 PROJECTED SECTIONS 22 AND 27
 TOWNSHIP 11 NORTH, RANGE 3 EAST, NMPM
 CITY OF ALBUQUERQUE
 BERNALILLO COUNTY, NEW MEXICO
 APRIL 2002

CURVE TABLE						
CURVE	RADIUS	LENGTH	DELTA	TANGENT	CH-BEARING	CHORD
C1	25.00	39.27	90°00'00"	25.00	N12°42'57"E	59.10
C2	724.00	451.11	35°41'59"	233.15	M10°08'12"W	443.66
C3	676.00	678.68	57°52'22"	371.18	N20°17'31"E	850.27
C4	50.00	21.08	37°04.7"	15.88	S84°27'08"W	28.75
C5	624.00	62.97	546.34"	31.48	M12°25'57"E	62.86
C6	851.00	435.41	297°55"	222.58	S00°33'17"E	430.68
C7	25.00	37.84	86°42.4"	23.61	N28°09'11"E	34.33
C8	175.68	175.68	11°30'31"	88.13	N17°16'16"E	175.38
C9	650.00	798.18	28°34.7"	407.58	N81°00'26"E	788.92

LINE TABLE		
LINE	BEARING	DISTANCE
L1	N23°17'03"W	94.86'
L2	S58°59'01"E	22.07'
L3	N7°31'02"E	84.65'
L4	S0°74'31"E	246.44'
L5	S09°21'03"E	135.24'
L6	S09°20'01"E	123.38'
L7	S09°37'13"E	123.38'
L8	S42°00'74"W	163.81'
L9	S48°07'15"W	225.84'
L10	N08°09'12"W	104.11'
L11	S06°42'57"W	104.69'
L12	S23°17'03"E	34.01'
L13	N69°49'57"E	51.00'



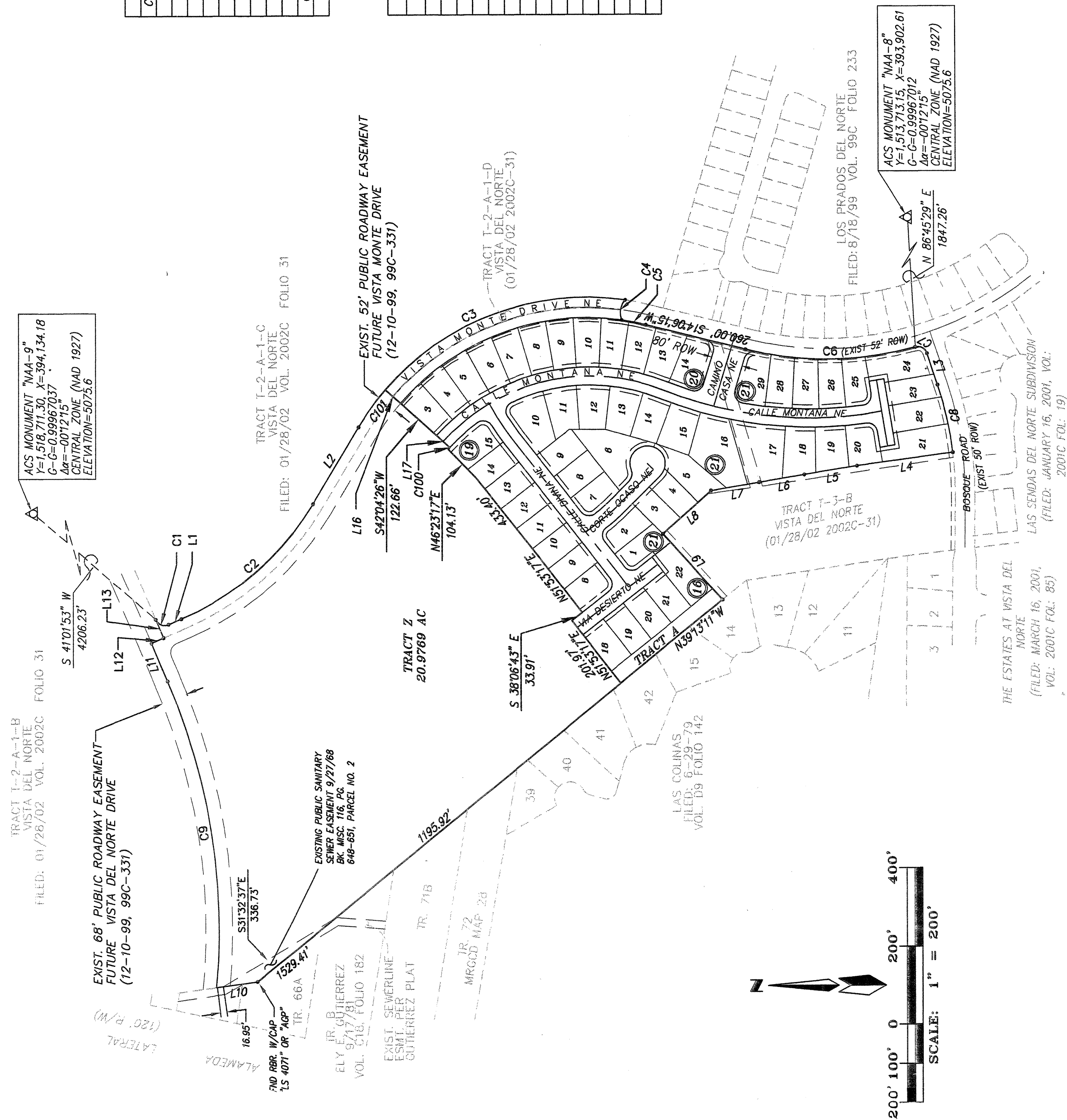
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Scale:	1"=200'	Date:	04/23/02	Job:	A01005	

PLAT FOR
VISTA DEL NORTE SUBDIVISION
UNIT 1A
MONTANA, TERC

WRITING THE
ELENA GALLEGOS GRANT
PROJECTED SECTIONS 22 AND 27
TOWNSHIP 11 NORTH, RANGE 3 EAST, NMPM
CITY OF ALBUQUERQUE
BERNALILLO COUNTY, NEW MEXICO
MARCH 2002

CURVE	RADIUS	LENGTH	DEPTH	TANGENT	CH-BEARING	CHORD
C1	25.00	39.27	90.00°	25.00	N21°42'57"E	39.10
C2	72.40	45.61	35°41'59"	33.15	N41°08'02"W	44.65
C3	67.00	67.00	75°32'27"	37.18	N20°17'32"W	65.02
C4	50.00	27.08	37°01'47"	13.88	S84°27'06"W	26.75
C5	62.40	62.91	57°46'34"	32.28	N11°25'37"E	62.88
C6	85.10	43.54	29°18'55"	22.58	S03°31'13"E	43.08
C7	25.00	37.64	86°44'42"	23.61	N28°09'11"E	34.33
C8	82.50	175.68	11°30'15"	88.15	N77°16'08"E	175.38
C9	160.00	795.18	28°34'57"	407.58	N81°00'26"E	789.92
C100	477.00	6.26	0°45'08"	3.13	N48°18'08"W	6.26
C101	676.00	117.05	9°55'15"	58.67	N54°01'24"W	116.91

LINE TABLE	
LINE	BEARING
L1	N2317°03'W 94.96'
L2	S89°01'E 227.07'
L3	S73°12'E 84.65'
L4	N57°46.31'E 246.44'
L5	S09°21'03"E 135.24'
L6	S09°20'01"E 135.66'
L7	S2307°13"E 123.38'
L8	S42°00'24"E 163.81'
L9	S42°00'15"W 225.84'
L10	N08°09'12"W 104.11'
L11	S08°42'57"W 104.69'
L12	S2317°03'E 34.01'
L13	N69°12'57"E 51.00'
L14	N40°56'14"E 52.00'
L16	S42°04'56"W 46.00'



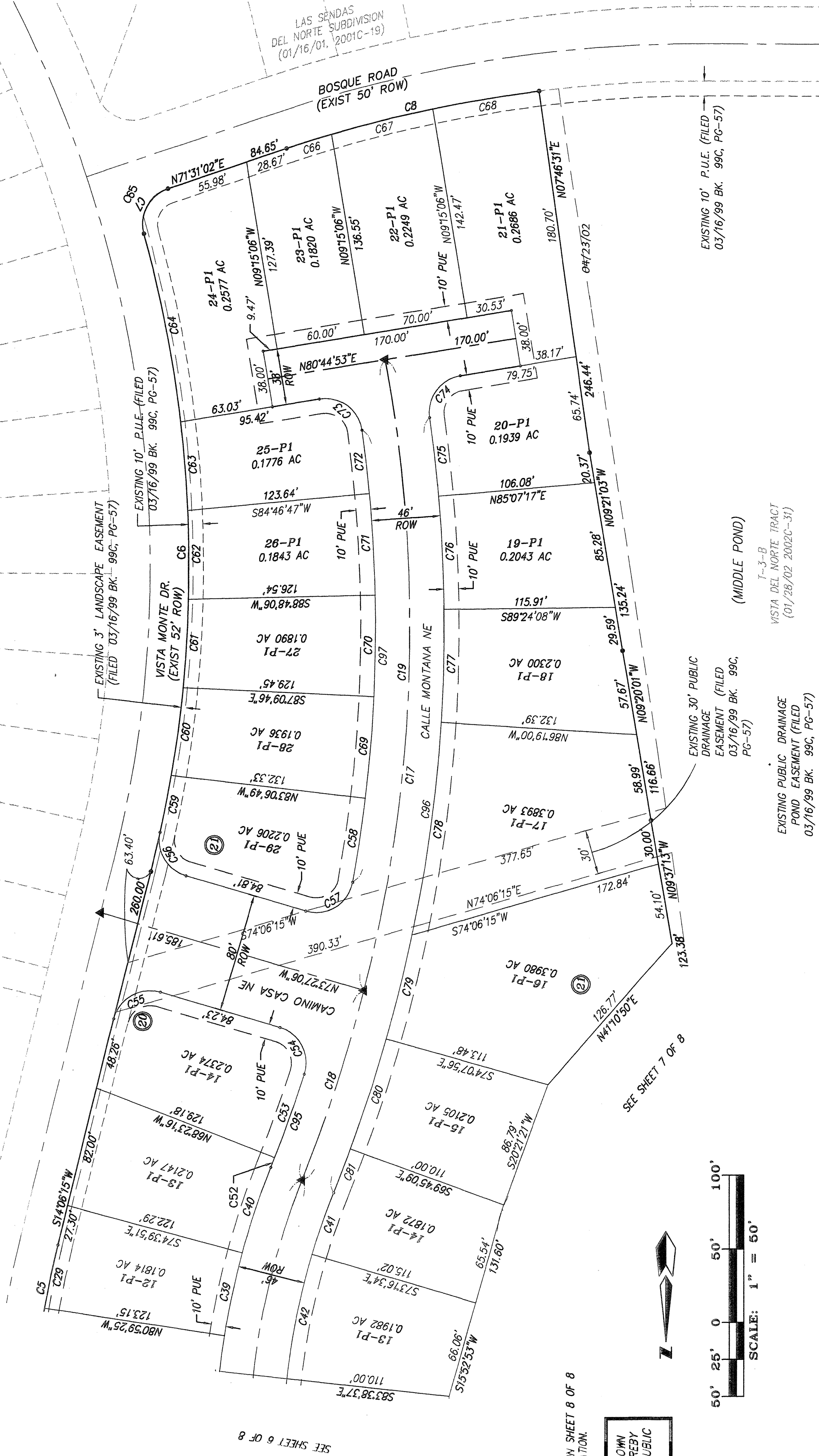
Vista del Norte Unit 1A and 1B (Project No. 682683)Sht. 3 of 28

NOTE: ▲
CENTERLINE (IN LIEU OF R/W) MONUMENTATION IS TO BE INSTALLED
AT ALL CENTERLINE P.C.'S, P.T.S., ANGLE POINTS AND STREET
INTERSECTIONS AS SHOWN HEREON, AND WILL CONSIST OF A FOUR
INCH (4") ALUMINUM ALLOY CAP STAMPED "CITY OF ALBUQUERQUE",
"CENTERLINE MONUMENT", "DO NOT DISTURB", "PLS # 7719".

TRACT T-2-A-1-C
VISTA DEL NORTE
(01/28/02, 2002C-31)

PLAT FOR
LAJOYA DEL NORTE
VISTA DEL NORTE SUBDIVISION
(FORMERLY UNIT 1A)
WITHIN THE
ELENA GALLEGOS GRANT
PROJECTED SECTIONS 22 AND 27
TOWNSHIP 11 NORTH, RANGE 3 EAST, NMPM
CITY OF ALBUQUERQUE
BERNALILLO COUNTY, NEW MEXICO
APRIL 2002

LOS PRADOS DEL NORTE
FILED: 8/18/99 VOL. 99C FOLIO
233



SEE CURVE TABLE ON SHEET 8 OF 8
FOR CURVE INFORMATION.

ALL STREETS SHOWN
HEREON ARE HEREBY
DEDICATED AS PUBLIC
RIGHT-OF-WAY

50' 25' 0 50' 100'
SCALE: 1" = 50'

(MIDDLE POND)

T-3-B
VISTA DEL NORTE TRACT
(01/28/02 2002C-31)

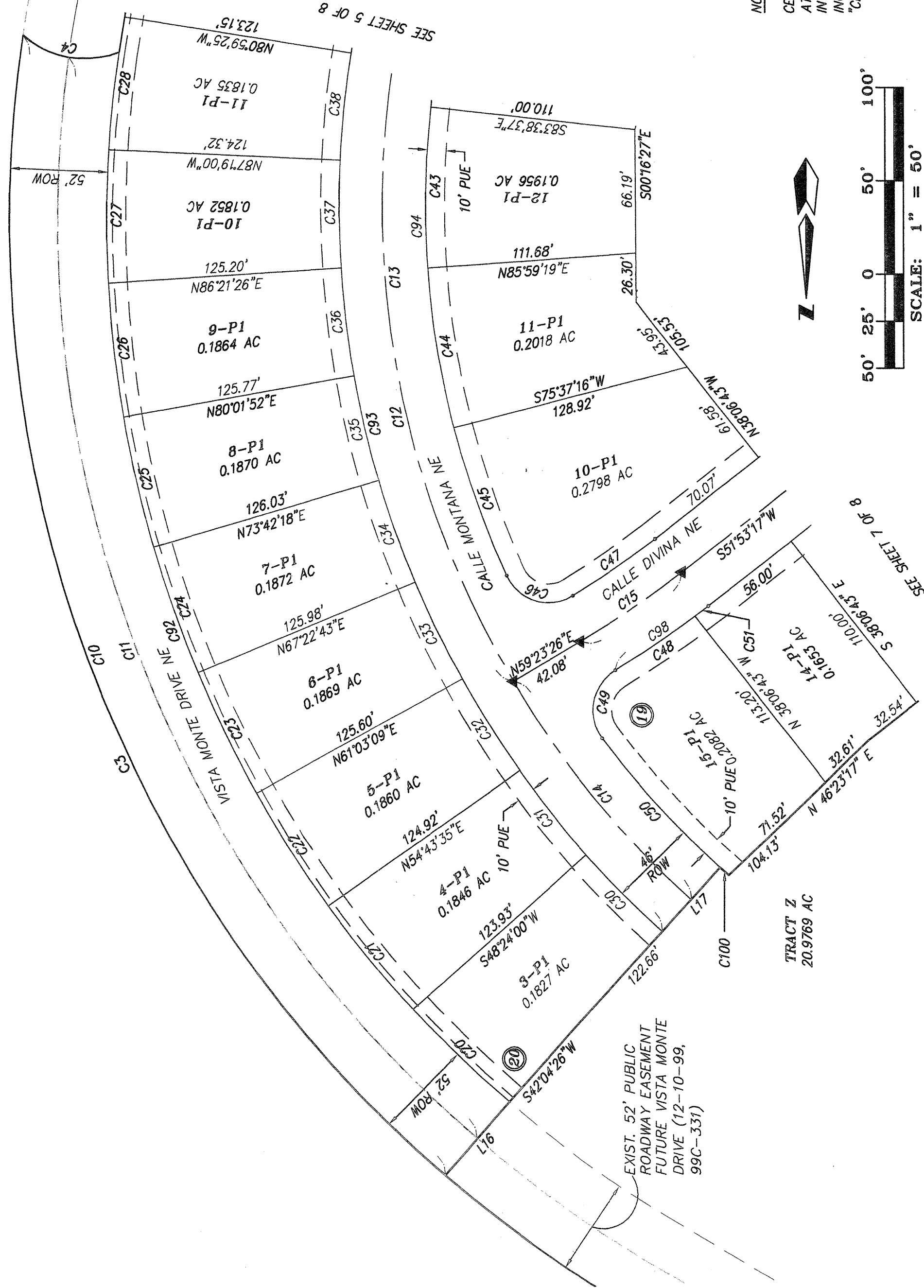
EXISTING PUBLIC DRAINAGE
POND EASEMENT (FILED
03/16/99 BK. 99C, PG. 57)

EXISTING 30' PUBLIC
DRAINAGE
EASEMENT (FILED
03/16/99 BK. 99C,
PG. 57)

EXISTING 10' PUE (FILED
03/16/99 BK. 99C, PG. 57)

Dwg: base.dwg Drawn: RICHARD Checked: ALS Sheet 5 of 8
Scale: 1"=50' Date: Job: A01005

PLAT FOR
LAJOYA DEL NORTE
VISTA DEL NORTE SUBDIVISION
(FORMERLY UNIT 1A)
WITHIN THE
ELENA GALLEGOS GRANT
PROJECTED SECTIONS 22 AND 27
TOWNSHIP 11 NORTH, RANGE 3 EAST, NMPM
CITY OF ALBUQUERQUE
BERNALILLO COUNTY, NEW MEXICO
APRIL 2002



SEE CURVE TABLE ON SHEET 8 OF 8
FOR CURVE INFORMATION.

ALL STREETS SHOWN
HEREON ARE HEREBY
DEDICATED AS PUBLIC
RIGHT-OF-WAY

NOTE: ▲
CENTERLINE (IN LIEU OF R/W) MONUMENTATION IS TO BE INSTALLED
AT ALL CENTERLINE P.C.'S, P.T.S., ANGLE POINTS AND STREET
INTERSECTIONS AS SHOWN HEREON, AND WILL CONSIST OF A FOUR
INCH (4") ALUMINUM ALLOY CAP STAMPED "CITY OF ALBUQUERQUE",
"CENTERLINE MONUMENT", "DO NOT DISTURB", "PLS # 7719".

50' 25' 0 50' 100'
SCALE: 1" = 50'

Vista del Norte Unit 1A and 1B (Project No. 682683) Sht. 4 of 28

SCANNED BY
MESA REPRO
MESA REPRO

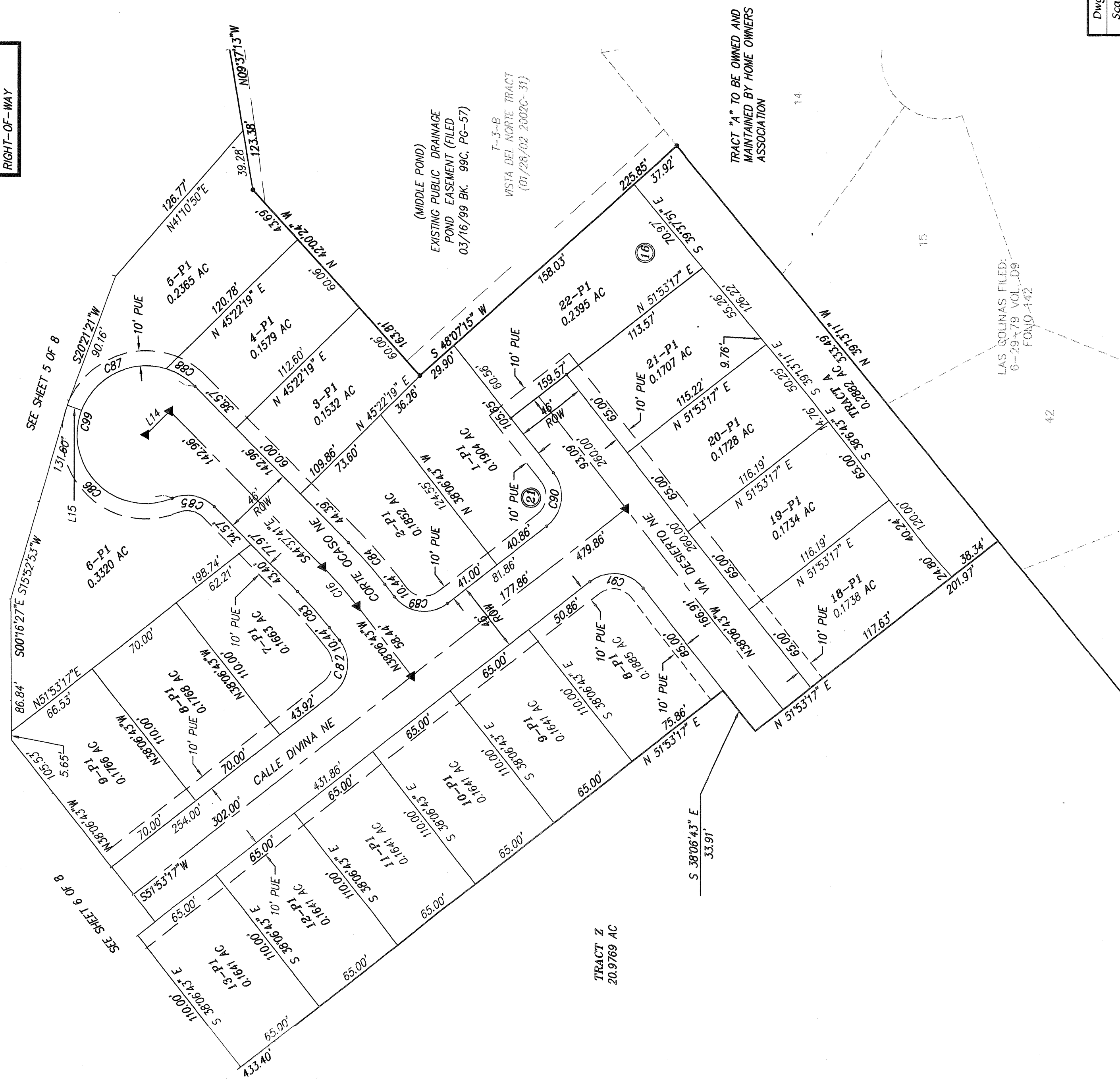
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Scale: 1"=50' Date: Job: A01005

SCANNED BY
MESA REPRO

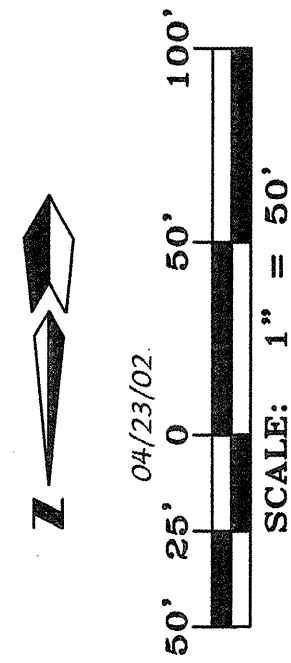
SEE CURVE TABLE ON SHEET 8 OF 8
FOR CURVE INFORMATION.

PLAT FOR
LAJOYA DEL NORTE
(FORMERLY UNIT 1A)
WITHIN THE
ELENA GALLEGOS GRANT
PROJECTED SECTIONS 22 AND 27
TOWNSHIP 11 NORTH, RANGE 3 EAST, NMPM
CITY OF ALBUQUERQUE
BERNALILLO COUNTY, NEW MEXICO
APRIL 2002

ALL STREETS SHOWN
HEREON ARE HEREBY
DEDICATED AS PUBLIC
RIGHT-OF-WAY



NOTE: ▲
CENTERLINE (IN LIEU OF R/W) MONUMENTATION IS TO BE INSTALLED
AT ALL CENTERLINE P.C.'S, P.T.'S, ANGLE POINTS AND STREET
INTERSECTIONS AS SHOWN HEREON, AND WILL CONSIST OF A FOUR
INCH (4") ALUMINUM ALLOY CAP STAMPED "CITY OF ALBUQUERQUE",
"CENTERLINE MONUMENT", "DO NOT DISTURB", "PLS # 7719".



Dwg: base.dwg
Scale: 1"=50'

Drawn: RICHARD
Date:

Checked: ALS
Job: A01005

Sheet 7 of 8

PLAT FOR
LAJOYA DEL NORTE
(FORMERLY UNIT 1A)
WITHIN THE
ELENA GALLEGOS GRANT
PROJECTED SECTIONS 22 AND 27
TOWNSHIP 11 NORTH, RANGE 3 EAST, NMPM
CITY OF ALBUQUERQUE
BERNALILLO COUNTY, NEW MEXICO
APRIL 2002

CURVE TABLE									
CURVE	RADIUS	LENGTH	DELTA	TANGENT	CH-BEARING	CHORD	CH-LENGTH	CH-BEARING	CHORD
C10	676.00	676.00	90.00	371.18	N202°17'32"W	650.72	650.72	S71°02'07"W	31.70
C11	650.00	644.14	56°46'46"	351.40	N203°37'40"W	618.11	618.11	S72°08'07"W	34.97
C12	650.00	640.42	69°58'56"	349.77	N125°57'06"W	573.21	573.21	S07°30'33"W	31.49
C13	500.00	459.30	52°37'56"	247.29	N041°17'56"W	443.32	443.32	S41°22'12"E	36.71
C14	500.00	151.12	17°19'00"	76.14	N39°16'04"W	150.54	150.54	S78°43'34"E	28.03
C15	500.00	65.47	7°30'09"	32.78	S55°38'21"W	65.42	65.42	N63°40'42"E	82.61
C16	300.00	34.12	6°30'58"	17.08	S41°22'12"E	34.10	34.10	N63°40'42"E	61.68
C17	1000.00	564.85	32°21'49"	290.18	S05°50'28"W	557.37	557.37	N80°50'40"E	22.10
C18	1000.00	135.00	7°44'07"	67.60	N10°09'19"W	134.90	134.90	N80°50'40"E	33.97
C19	1000.00	429.85	24°37'42"	218.29	S01°58'25"W	426.54	426.54	S06°53'17"W	35.36
C20	824.00	71.37	6°33'13"	35.23	N45°47'10"W	71.33	71.33	S87°08'43"E	35.36
C21	824.00	71.49	6°33'52"	35.79	N39°13'38"W	71.45	71.45	N202°20'04"W	599.23
C22	824.00	71.59	6°34'29"	35.83	N32°38'31"W	71.54	71.54	N125°10'06"W	599.59
C23	824.00	71.64	6°34'40"	35.86	N26°05'00"W	71.60	71.60	N07°14'25"W	376.79
C24	824.00	71.68	6°34'48"	35.87	N19°30'15"W	71.62	71.62	S56°01'11"	67.11
C25	824.00	71.65	6°34'44"	35.86	N12°55'29"W	71.61	71.61	S20°04'08"W	527.96
C26	824.00	71.61	6°34'30"	35.84	N06°20'52"W	71.49	71.49	S07°15'04"W	306.62
C27	824.00	71.53	6°34'04"	35.75	N06°47'11"E	71.38	71.38	S55°11'47"W	603.57
C28	824.00	71.42	6°33'29"	35.75	N06°47'11"E	71.38	71.38	N17°16'26"E	74.53
C29	824.00	43.99	4°02'19"	22.00	N12°05'09"E	43.98	43.98	N48°18'08"W	6.26
C30	523.00	57.75	6°19'34"	28.90	N44°45'47"W	57.72	57.72		
C31	523.00	57.75	6°19'34"	28.90	N38°26'13"W	57.72	57.72		
C32	523.00	57.75	6°19'34"	28.90	N32°06'38"W	57.72	57.72		
C33	523.00	57.75	6°19'34"	28.90	N25°47'04"W	57.72	57.72		
C34	523.00	57.75	6°19'34"	28.90	N19°27'30"W	57.72	57.72		
C35	523.00	57.75	6°19'34"	28.90	N13°07'55"W	57.72	57.72		
C36	523.00	57.75	6°19'34"	28.90	N06°46'21"W	57.72	57.72		
C37	523.00	57.75	6°19'34"	28.90	N00°28'47"W	57.72	57.72		
C38	523.00	57.75	6°19'34"	28.90	N05°50'48"E	57.72	57.72		
C39	523.00	57.75	6°19'34"	28.90	N12°10'22"E	57.72	57.72		
C40	523.00	57.75	6°19'34"	28.90	N18°40'46"E	61.00	61.00		
C41	477.00	44.12	5°17'58"	22.07	N19°22'24"E	44.10	44.10		
C42	477.00	86.31	10°22'04"	43.37	N17°32'24"E	86.19	86.19		
C43	477.00	86.31	10°22'04"	43.38	N07°10'21"E	86.20	86.20		
C44	477.00	86.31	10°22'03"	43.37	N05°11'43"W	86.19	86.19		
C45	477.00	84.29	10°07'28"	42.25	N19°26'28"W	84.16	84.16		
C46	25.00	42.40	97°10'54"	28.35	N13°05'39"W	37.50	37.50		
C47	477.00	53.51	6°25'37"	26.78	S55°08'05"W	53.48	53.48		
C48	523.00	51.40	6°25'51"	25.72	S55°41'22"W	51.38	51.38		
C49	25.00	41.54	95°12'08"	27.38	N10°54'14"E	36.92	36.92		
C50	477.00	99.75	11°58'53"	50.06	N42°41'16"W	99.57	99.57		
C51	523.00	9.00	0°59'10"	4.50	S59°22'52"W	9.00	9.00		
C52	977.00	7.00	0°24'38"	3.50	S71°49'03"W	7.00	7.00		
C53	977.00	60.12	3°31'33"	30.07	S19°50'58"W	60.11	60.11		
C54	25.00	38.94	91°32'18"	25.68	S27°40'57"E	35.83	35.83		
C55	25.00	40.34	92°26'51"	26.09	N60°19'34"E	36.10	36.10		
C56	25.00	37.41	85°44'26"	23.21	N30°34'40"W	34.02	34.02		
C57	25.00	42.02	96°17'55"	27.91	S59°23'56"W	37.24	37.24		
C58	977.00	57.35	3°17'47"	28.68	S08°34'05"W	57.34	57.34		
C59	851.00	39.36	2°39'00"	19.68	S10°56'01"W	39.36	39.36		
C60	851.00	59.87	4°01'51"	29.95	S07°32'37"W	59.85	59.85		
C61	851.00	59.87	4°01'51"	29.95	S03°35'47"W	59.86	59.86		
C62	851.00	59.87	4°01'51"	29.95	S02°26'05"E	59.86	59.86		
C63	851.00	60.22	4°03'16"	30.12	S02°28'38"E	60.21	60.21		
C64	851.00	729.32	84°22'24"	64.78	S10°51'28"E	729.19	729.19		
C65	25.00	37.84	86°43'42"	23.61	N28°09'11"E	34.33	34.33		
C66	875.00	32.03	2°05'50"	16.02	N72°33'57"E	32.03	32.03		
C67	875.00	70.27	4°38'05"	35.15	N75°54'55"E	70.25	70.25		
C68	875.00	73.39	4°48'18"	36.71	N80°37'06"E	73.36	73.36		
C69	875.00	69.05	4°02'57"	34.54	S04°51'43"W	69.03	69.03		
C70	977.00	68.81	4°02'08"	34.42	S00°49'10"W	68.80	68.80		
C71	977.00	68.58	4°01'19"	34.30	S03°12'33"E	68.57	68.57		
C72	977.00	43.09	2°31'37"	21.55	S08°29'01"E	43.09	43.09		
C73	25.00	39.93	91°30'17"	25.67	S53°29'59"E	35.82	35.82		
C74	25.00	36.67	88°37'59"	24.41	N36°25'53"E	34.93	34.93		
C75	1023.00	53.69	3°00'23"	26.84	S06°22'55"E	53.67	53.67		
C76	1023.00	76.44	4°16'52"	38.24	S02°44'18"E	76.42	76.42		
C77	1023.00	76.44	4°16'52"	38.24	S02°34'14"W	76.42	76.42		
C78	1023.00	72.49	8°07'31"	36.26	S07°44'45"W	72.47	72.47		
C79	1023.00	72.49	4°03'38"	36.26	S15°50'16"W	72.47	72.47		
C80	1023.00	76.20	4°22'48"	38.12	S16°03'27"W	76.18	76.18		

LINE TABLE		
LINE	BEARING	DISTANCE
L14	S45°22'19"W	22.00'
L15	N69°34'57"W	10.00'
L16	N40°56'14"E	52.00'
L17	S42°04'26"W	46.00'

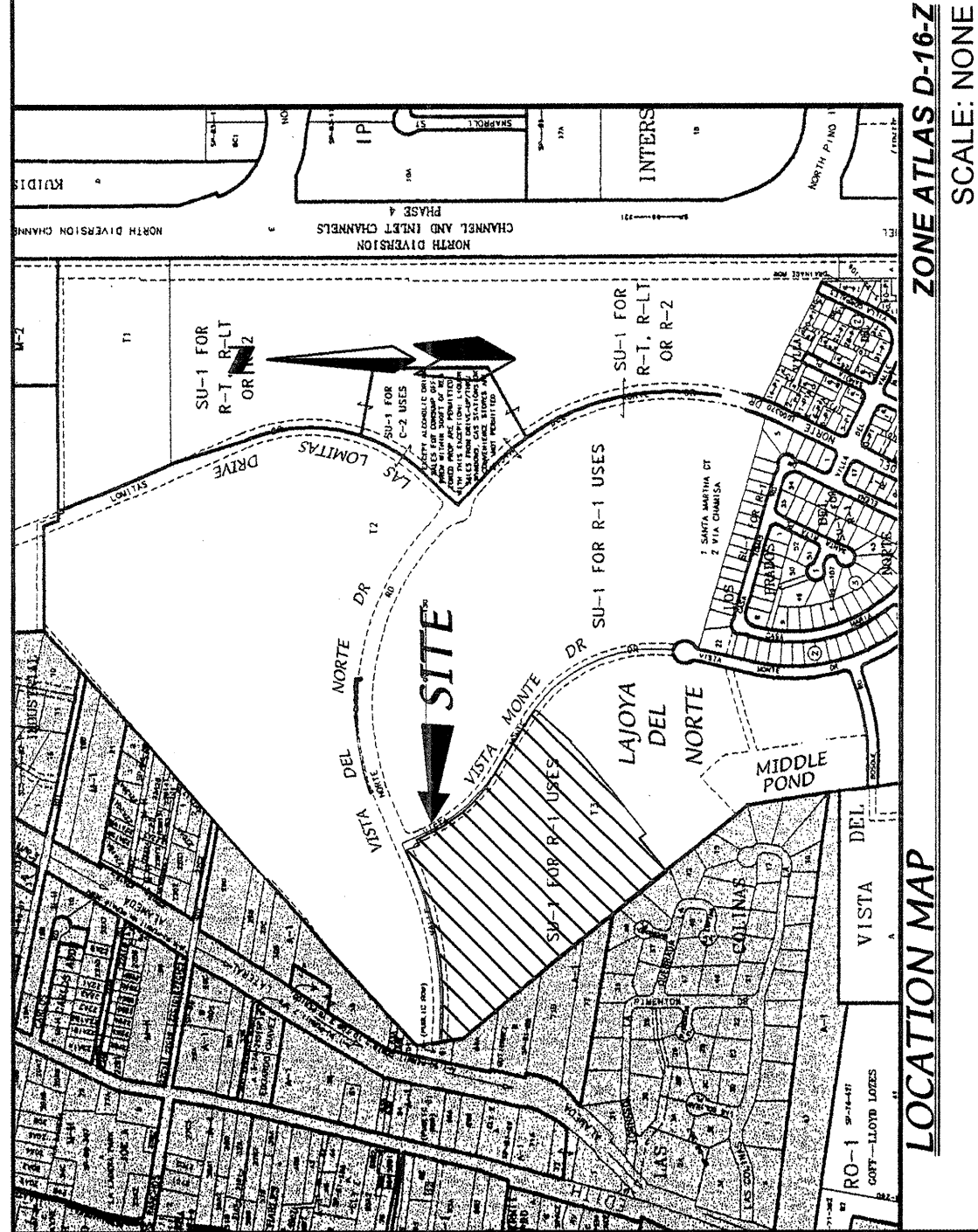
Vista del Norte Unit 1A and 1B (Project No. 682683) Sht. 5 of 28

Dwg: base.dwg
Scale: 1"=100'

Drawn: RICHARD
Date: 04/23/02

Checked: ALS
Job: A01005

Sheet 8 of 8



SCALE: NONE

SUBDIVISION DATA

Plat Case No.'s.....	Project #1001396
Case #.....	
Gross acreage.....	20.9769 AC
Zone Atlas No.....	D-16-Z
No. of existing Tracts/Lots.....	2 TRACTS
No. of Tracts/Lots created.....	2 TRACT/40 LOTS
No. of Tracts/Lots eliminated.....	2 TRACTS
Miles of full width streets created.....	0.52
Area dedicated to the City of Albuquerque.....	2.8766 AC
Date of Survey.....	NOVEMBER, 1998
Utility Control Location System Log Number.....	99082908100192

FREE CONSENT AND DEDICATION:

The subdivision hereon described is with the free consent and in accordance with the desires of the undersigned owner(s) and/or proprietor(s) thereof and said owner(s) and/or proprietor(s) do hereby dedicate all streets, public right-of-ways shown hereon to the City of Albuquerque in fee simple with warranty covenants and do hereby grant: all access, utility and drainage easements shown hereon including the right to construct, operate, inspect, and maintain facilities therein; and all public utility easements shown hereon for the common and joint use of gas, electrical power and communication services for buried distribution lines, conduits, and pipes for underground utilities where shown or indicated, and including the right of ingress and egress for construction and maintenance, and the right to trim interfering trees and shrubs. Said owner(s) and/or proprietor(s) do hereby consent to all of the foregoing and do hereby certify that this subdivision is their free act and deed. Said owner(s) warrant that they hold among them complete and infeasible title to the land subdivided.

VISTA DEL NORTE DEVELOPMENT, LLC:
By: JOHN A. MYERS, ASSISTANT MANAGER PRO TEM

JOHN A. MYERS, ASSISTANT MANAGER PRO TEM	DATE
OWNER'S ACKNOWLEDGMENT	
STATE OF NEW MEXICO	
COUNTY OF BERNALILLO	

This instrument was acknowledged before me on
By John A. Myers, Assistant Manager pro tem Vista Del Norte Development, LLC A
New Mexico Corporation on behalf of said corporation

NOTARY PUBLIC MY COMMISSION EXPIRES

LEGAL DESCRIPTION

A Tract of Land Situate Within The Elena Gallegos Grant, Projected, Section 22, Township 11 North, Range 3 East, New Mexico Principal Meridian, City Of Albuquerque, Bernalillo County, New Mexico Being All of Tract Z, Lajoya Del Norte, Vista Del Norte Subdivision as the same is shown and designated on said plat filed for record in the Office of the County Clerk, New Mexico on _____ and containing 20.9769 acres more or less.

NOTES

- Bearings are New Mexico State Plane Grid Bearings (Central Zone).
- Distances are ground distances.
- Bearings and distances are field and record.
- Basis of boundary are the following plats (and documents) of record entitled:
PLAT FOR "LAJOYA DEL NORTE, VISTA DEL NORTE SUBDIVISION", (_____) BULK PLAT FOR "TRACTS T-2-A-1-A, T-2-A-1-B, T-2-A-1-C, T-2-A-1-D, T-3-A, T-3-B, T-3-C, T-3-D, T-3-E, T-3-F, T-3-G, T-3-H, T-3-I, T-3-J, T-3-K, T-3-L, T-3-M, T-3-N, T-3-O, T-3-P, T-3-Q, T-3-R, T-3-S, T-3-T, T-3-U, T-3-V, T-3-W, T-3-X, T-3-Y, T-3-Z, T-4-A, T-4-B, T-4-C, T-4-D, T-4-E, T-4-F, T-4-G, T-4-H, T-4-I, T-4-J, T-4-K, T-4-L, T-4-M, T-4-N, T-4-O, T-4-P, T-4-Q, T-4-R, T-4-S, T-4-T, T-4-U, T-4-V, T-4-W, T-4-X, T-4-Y, T-4-Z, T-5-A, T-5-B, T-5-C, T-5-D, T-5-E, T-5-F, T-5-G, T-5-H, T-5-I, T-5-J, T-5-K, T-5-L, T-5-M, T-5-N, T-5-O, T-5-P, T-5-Q, T-5-R, T-5-S, T-5-T, T-5-U, T-5-V, T-5-W, T-5-X, T-5-Y, T-5-Z, T-6-A, T-6-B, T-6-C, T-6-D, T-6-E, T-6-F, T-6-G, T-6-H, T-6-I, T-6-J, T-6-K, T-6-L, T-6-M, T-6-N, T-6-O, T-6-P, T-6-Q, T-6-R, T-6-S, T-6-T, T-6-U, T-6-V, T-6-W, T-6-X, T-6-Y, T-6-Z, T-7-A, T-7-B, T-7-C, T-7-D, T-7-E, T-7-F, T-7-G, T-7-H, T-7-I, T-7-J, T-7-K, T-7-L, T-7-M, T-7-N, T-7-O, T-7-P, T-7-Q, T-7-R, T-7-S, T-7-T, 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SCANNED BY
MESA REPRO

PLAT FOR
DIAMONTE DEL NORTE
VISTA DEL NORTE SUBDIVISION
(FORMERLY UNIT 1B)
WITHIN THE
ELENA GALLEGOS GRANT
PROJECTED SECTIONS 22 AND 27
TOWNSHIP 11 NORTH, RANGE 3 EAST, NMPM
CITY OF ALBUQUERQUE
BERNALILLO COUNTY, NEW MEXICO
APRIL 2002

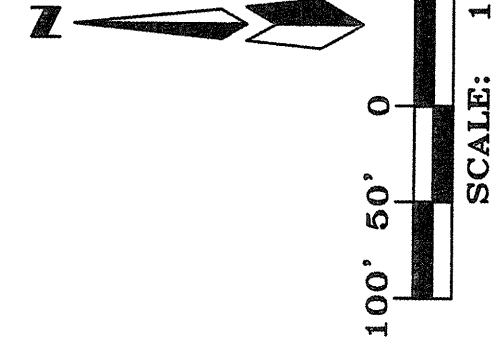
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M=0.001215
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ELEVATION=5075.6

EXIST. 68' PUBLIC ROADWAY EASEMENT
FUTURE VISTA DEL NORTE DRIVE
(12-10-99, 99C-331)

TRACT T-2-A-1-B
VISTA DEL NORTE
FILED: 01/28/02 VOL. 2002C FOLIO 31

EXIST. 52' PUBLIC ROADWAY EASEMENT
FUTURE VISTA MONTE DRIVE
(12-10-99, 99C-331)

TRACT T-2-A-1-C
VISTA DEL NORTE
FILED: 01/28/02 VOL. 2002C FOLIO 31



ALAMEDA LATERAL
(120' E/W)
FWD RBR W/CAP
LS 407' OR "AP"

EXISTING PUBLIC SANITARY
SEWER EASEMENT 9/27/88
BY MISC. 118, PG.
090-051, PARCEL NO. 2

TR. 66A
ELY E. GUTIERREZ
6 V. 118, PG.
VOL. C18, FOLIO 182

EXIST. SEWERLINE
ESKAT PER
GUTIERREZ PLAT

TRACT Z, LAJOYA DEL NORTE
VISTA DEL NORTE SUBDIVISION

TR. 72
MARCO MAP 28

LAS COLINAS
FILED: 6-29-79
VOL. D9 FOLIO 142

CURVE	RADIUS	LENGTH	CHORD	CHORD BEARING	CHORD
C1	25.00	39.27	90.00	S 21°42'57"W	35.36
C2	224.00	451.11	3541.59	S 41°08'02"E	443.84
C3	676.00	117.05	955.15	S 64°01'24"W	116.90
C4	477.00	6.26	0.4508	N 63°12'08"W	6.26
C5	1800.00	798.18	2834.57	N 61°00'26"E	788.92

LINE	BEARING	DISTANCE
L1	N 23°17'03"W	34.01'
L2	S 86°42'57"W	51.00'
L3	N 23°17'03"W	35.85'
L4	N 40°56'14"E	52.00'
L5	N 42°04'26"E	122.65'
L6	S 42°04'26"W	46.00'
L7	S 38°06'43"E	33.91'

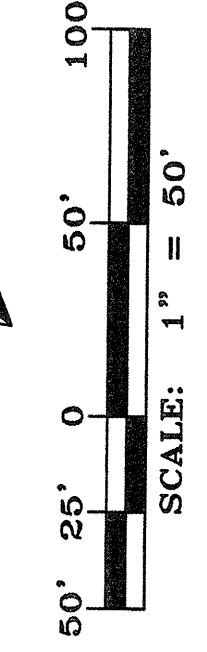
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CENTRAL ZONE (NAD 1927)
ELEVATION=5075.6

Dwg: base.dwg
Scale: 1"=100'
Drawn: RICHARD
Date: 04/24/02
Job: A01005
Sheet 3 of 6

PLAT FOR
DIAMONTE DEL NORTE
VISTA DEL NORTE SUBDIVISION
(FORMERLY UNIT 1B)
WITHIN THE
ELENA GALLEGOS GRANT
PROJECTED SECTIONS 22 AND 27
TOWNSHIP 11 NORTH, RANGE 3 EAST, NMPM
CITY OF ALBUQUERQUE
BERNALILLO COUNTY, NEW MEXICO
APRIL 2002

SEE CURVE TABLE ON SHEET 6 OF 6
FOR CURVE INFORMATION.

ALL STREETS SHOWN
HEREON ARE HEREBY
DEDICATED AS PUBLIC
RIGHT-OF-WAY



TRACT T-2-A-1-C
VISTA DEL NORTE
FILED: 01/28/02 VOL. 2002C FOLIO 31

NOTE: CENTERLINE (IN LIEU OF R/W) MONUMENTATION IS TO BE INSTALLED AT ALL INTERSECTIONS OF A FOUR INCH (4") ALUMINUM ALLOY CAP STAMPED "CITY OF ALBUQUERQUE, CENTERLINE MONUMENT, DO NOT DISTURB", PLS # 1719.

EXIST. 52' PUBLIC ROADWAY EASEMENT
FUTURE VISTA MONTE DRIVE (12-10-99, 99C-331)

TRACT "W"
9.91682 AC

38' PUBLIC SANITARY
SEWER EASEMENT

38' PUBLIC SANITARY
SEWER, STORM DRAIN, &
WATERLINE EASEMENT

Vista del Norte Unit 1A and 1B (Project No. 682683) Sht. 7 of 28

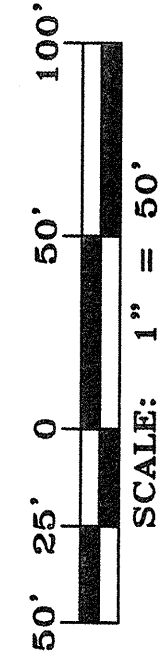
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Job: A01005
Sheet 4 of 6

SCANNED BY
MESA REPRO

PLAT FOR
DIAMONTE DEL NORTE
(FORMERLY UNIT 1B)

WITHIN THE
ELENA GALLEGOS GRANT
PROJECTED SECTIONS 22 AND 27
TOWNSHIP 11 NORTH, RANGE 3 EAST, NMPM
CITY OF ALBUQUERQUE
BERNALILLO COUNTY, NEW MEXICO
APRIL 2002

TRACT T-2-A-1-B
VISTA DEL NORTE
FILED: 01/28/02 VOL. 2002C FOLIO 31



EXIST. 68' PUBLIC ROADWAY EASEMENT
FUTURE VISTA DEL NORTE DRIVE
(12-10-98, 99C-331)

EXISTING PUBLIC SANITARY
SEWER EASEMENT 9/27/68
BK. MSC. 116 PG.
648-651, PARCEL NO. 2

40' PUBLIC SANITARY
SEWER EASEMENT

46' PUBLIC SANITARY
SEWER EASEMENT

38' PUBLIC SANITARY
SEWER EASEMENT

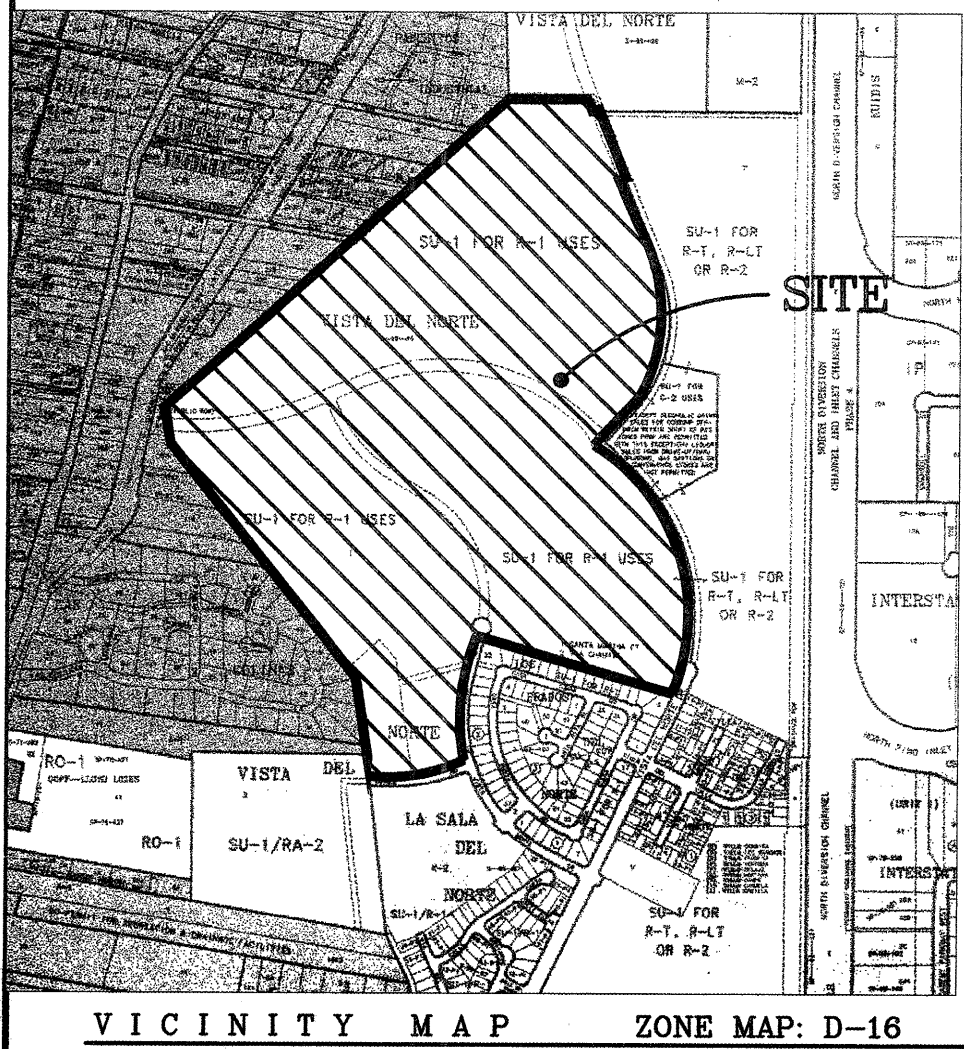
38' PUBLIC SANITARY
SEWER, STORM DRAIN, &
WATERLINE EASEMENT

EXIST. 52' PUBLIC ROADWAY
EASEMENT FUTURE VISTA
MONTE DRIVE (12-10-99,
99C-331)

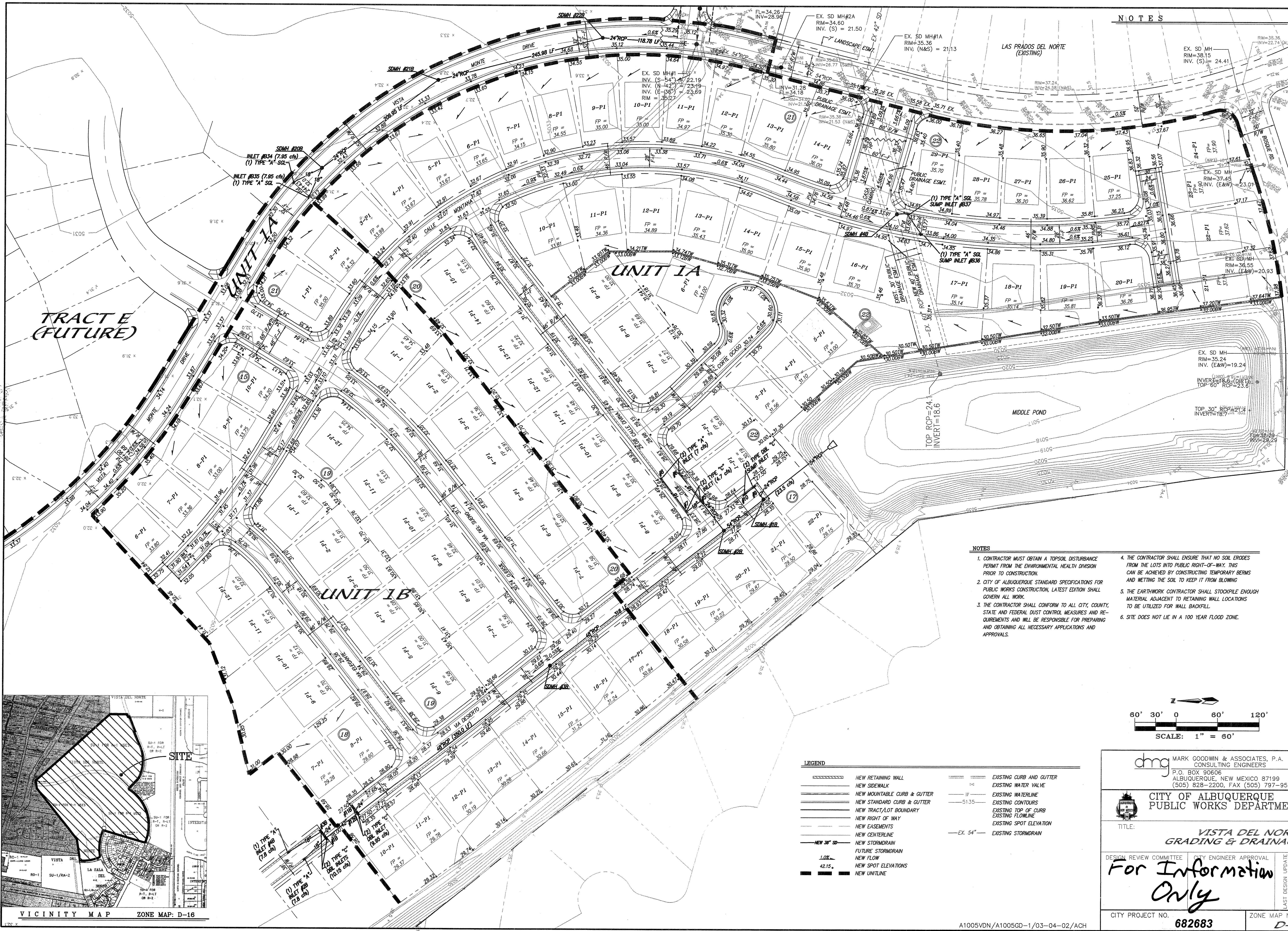
TRACT T-2-A-1-C
VISTA DEL NORTE
FILED: 01/28/02 VOL. 2002C FOLIO 31

PLAT FOR
VISTA DEL NORTE SUBDIVISION
UNIT 1B
WITHIN THE
ELENA GALLEGOS GRANT
PROJECTED SECTIONS 22 AND 27
TOWNSHIP 11 NORTH, RANGE 3 EAST, NMPM
CITY OF ALBUQUERQUE
BERNALILLO COUNTY, NEW MEXICO
MARCH 2002

CURVE TABLE					CHORD BRC		CHORD	
CURVE	RADIUS	LENGTH	DELTA	TANGENT	CHORD BRC	CHORD	CHORD	CHORD
C101	910.00	229.37	1439.30"	115.49	587.4916 E	229.17		
C102	910.00	105.71	635.26"	35.91	57.5714 E	105.65		
C103	910.00	124.05	744.03"	62.12	55506.59 E	123.96		
C104	532.18	193.06	2032.18"	96.02	N41°27'08" E	192.79		
C105	500.00	113.06	1103.27"	48.40	N53°27'18" W	96.34		
C106	650.00	212.00	1611.43"	96.67	N54°00'02" W	112.92		
C107	750.00	161.03	1308.15"	106.71	S50°53'09" E	211.29		
C108	266.18	61.03	330.15"	30.65	N45°19'09" E	60.90		
C109	624.00	71.14	704.59"	36.62	N52°36'16" W	77.09		
C110	624.00	30.91	250.17"	15.46	N57°33'53" W	30.90		
C111	25.00	39.27	9000.00"	25.00	S76°00'59" W	35.36		
C112	25.00	39.27	9000.00"	25.00	S13°59'01" E	35.36		
C113	523.00	38.38	412.19"	19.20	N56°52'52" W	38.38		
C114	523.00	62.55	651.08"	31.31	N51°21'08" W	62.51		
C115	25.00	39.27	9000.00"	25.00	N26°00'59" E	35.36		
C116	25.00	39.27	9000.00"	25.00	N13°50'01" W	35.36		
C117	776.00	32.33	225.00"	16.37	S37°46'31" E	32.73		
C118	776.00	62.20	435.34"	31.12	S47°40'14" E	62.19		
C119	776.00	62.20	435.34"	31.12	S45°05'05" E	62.19		
C120	776.00	62.20	435.34"	16.90	S57°46'30" E	37.80		
C121	886.00	71.02	225.02"	35.93	S54°16'12" E	71.80		
C122	886.00	71.02	435.34"	35.93	S49°40'39" E	71.80		
C123	886.00	42.57	243.20"	21.29	S46°01'11" E	42.56		
C124	915.00	29.87	132.15"	14.94	S43°43'25" E	29.87		
C125	934.00	60.59	343.02"	30.31	S46°31'02" E	60.58		
C126	25.00	37.35	8536.17"	23.15	N05°34'24" W	33.97		
C127	25.00	37.35	8536.17"	31.28	N44°33'31" E	62.05		
C128	243.18	62.22	1439.32"	25.00	S83°06'43" E	35.36		
C129	25.00	39.27	9000.00"	25.00	S90°30'21" E	13.95		
C130	289.18	13.95	245.51"	6.96	N50°30'21" E	50.25		
C131	301.18	50.31	938.06"	23.62	S82°31'51" W	34.34		
C132	25.00	37.85	8645.01"	40.22	S86°32'20" E	80.36		
C133	942.00	80.39	433.22"	27.61	S07°35'13" W	34.97		
C134	25.00	38.73	8945.28"	27.61	N11°08'20" W	37.07		
C135	509.18	84.92	933.20"	42.56	N41°29'01" E	84.82		
C136	509.18	50.00	537.35"	25.00	N49°04'29" E	49.98		
C137	509.18	50.00	1078.18"	43.01	S85°06'43" E	35.36		
C138	25.00	39.27	9000.00"	23.01	S78°23'21" W	33.86		
C139	472.00	63.29	8575.16"	28.22	N38°40'18" E	56.36		
C140	25.00	37.20	8575.16"	31.38	N44°46'59" E	62.66		
C141	555.18	56.39	549.10"	18.60	N49°58'10" E	37.17		
C142	555.18	62.69	628.11"	25.00	S06°53'17" W	35.36		
C143	25.00	39.27	9000.00"	54.16	N54°01'24" W	107.91		
C144	624.00	108.05	935.15"	110.41	S50°53'10" E	218.61		
C145	776.00	219.34	1611.43"	50.62	N53°27'18" W	100.78		
C146	523.00	100.93	1103.27"	112.60	S51°49'16" E	223.43		
C147	886.00	224.02	1419.30"	46.17	N53°27'18" W	91.91		
C148	477.00	92.06	1103.27"	32.26	N45°31'19" E	64.13		
C149	289.18	64.26	1243.57"	67.86	N44°17'49" E	134.53		
C150	509.18	134.92	1510.56"	78.65	N43°03'01" E	155.74		
C151	555.18	156.26	1607.33"	103.01	S55°53'10" E	203.07		
C152	555.18	156.26	1607.33"	124.43	S53°02'10" E	243.27		
C153	724.00	204.65	1611.43"	25.00	S06°53'17" W	35.36		
C154	724.00	248.46	1930.15"	23.00	S85°06'43" E	35.36		
C155	25.00	39.27	9000.00"	43.42	S30°27'20" E	86.07		
C156	25.00	39.27	9000.00"	32.74	S04°19'38" E	62.10		
C157	323.00	66.32	1518.45"	22.06	S34°12'16" E	44.02		
C158	96.00	63.19	3656.40"	1.93	S130°10'07" W	3.85		
C159	323.00	44.06	748.54"					
C160	96.00	3.85	2745.10"					

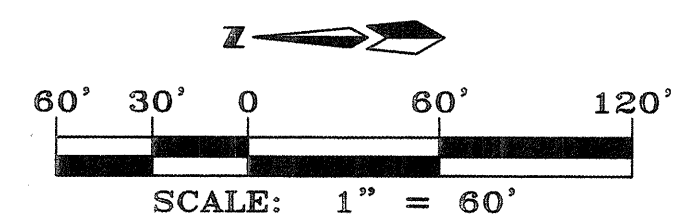


VICINITY MAP ZONE MAP: D-16



NOTES

1. CONTRACTOR MUST OBTAIN A TOPSOIL DISTURBANCE PERMIT FROM THE ENVIRONMENTAL HEALTH DIVISION PRIOR TO CONSTRUCTION.
2. CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, LATEST EDITION SHALL GOVERN ALL WORK.
3. THE CONTRACTOR SHALL CONFORM TO ALL CITY, COUNTY, STATE AND FEDERAL DUST CONTROL MEASURES AND REQUIREMENTS AND WILL BE RESPONSIBLE FOR PREPARING AND OBTAINING ALL NECESSARY APPLICATIONS AND APPROVALS.
4. THE CONTRACTOR SHALL ENSURE THAT NO SOIL ERODES FROM THE LOTS INTO PUBLIC RIGHT-OF-WAY. THIS CAN BE ACHIEVED BY CONSTRUCTING TEMPORARY BERMS AND WETTING THE SOIL TO KEEP IT FROM BLOWING.
5. THE EARTHWORK CONTRACTOR SHALL STOCKPILE ENOUGH MATERIAL ADJACENT TO RETAINING WALL LOCATIONS TO BE UTILIZED FOR WALL BACKFILL.
6. SITE DOES NOT LIE IN A 100 YEAR FLOOD ZONE.



LEGEND

- | | |
|-----------------------------|--------------------------|
| NEW RETAINING WALL | EXISTING CURB AND GUTTER |
| NEW SIDEWALK | EXISTING WATER VALVE |
| NEW MOUNTABLE CURB & GUTTER | EXISTING WATERLINE |
| NEW STANDARD CURB & GUTTER | EXISTING CONTOURS |
| NEW TRACT/LOT BOUNDARY | EXISTING TOP OF CURB |
| NEW RIGHT OF WAY | EXISTING FLOWLINE |
| NEW EASEMENTS | EXISTING SPOT ELEVATION |
| NEW CENTERLINE | EXISTING STORMDRAIN |
| NEW STORMDRAIN | |
| FUTURE STORMDRAIN | |
| NEW FLOW | |
| NEW SPOT ELEVATIONS | |
| NEW UNITLE | |



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ALBUQUERQUE, NEW MEXICO 87199
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CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT

TITLE: **VISTA DEL NORTE
GRADING & DRAINAGE PLAN**

DESIGN REVIEW COMMITTEE

CITY ENGINEER APPROVAL

**For Information
Only**

CITY PROJECT NO. **682683**

ZONE MAP NO. **D-16**

SHEET **9** OF **28**

AS BUILT INFORMATION

BENCH MARKS

SURVEY INFORMATION

ENGINEER'S SEAL

CONTRACTOR
DATE
INSPECTOR'S
DATE
ACCEPTANCE BY
DATE
DRAWINGS
DATE
REVISIONS
DATE
MICRO-FILM INFORMATION
DATE

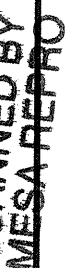
ACS BRASS CAP STAMPED "MAA-9"
LOCATED IN SOUTHEAST QUADRANT OF PASEO DEL NORTE &
NORTH DIVERSION CHANNEL INTERSECTION,
GEOGRAPHIC POSITION (NAD 1927), IN FEET
N.M. STATE PLANE COORDINATES (CENTRAL ZONE)
X = 394,134.18 Y = 1,518,711.30
ELEVATION = 5069.27 (NGVD 1929) IN FEET

FIELD NOTES
NO.
BY
DATE

REMARKS
NO.
DATE
BY

DESIGNED BY **DLH** DATE **11/01**
DRAWN BY **ACH** DATE **11/01**
CHECKED BY **DMG** DATE **11/01**

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

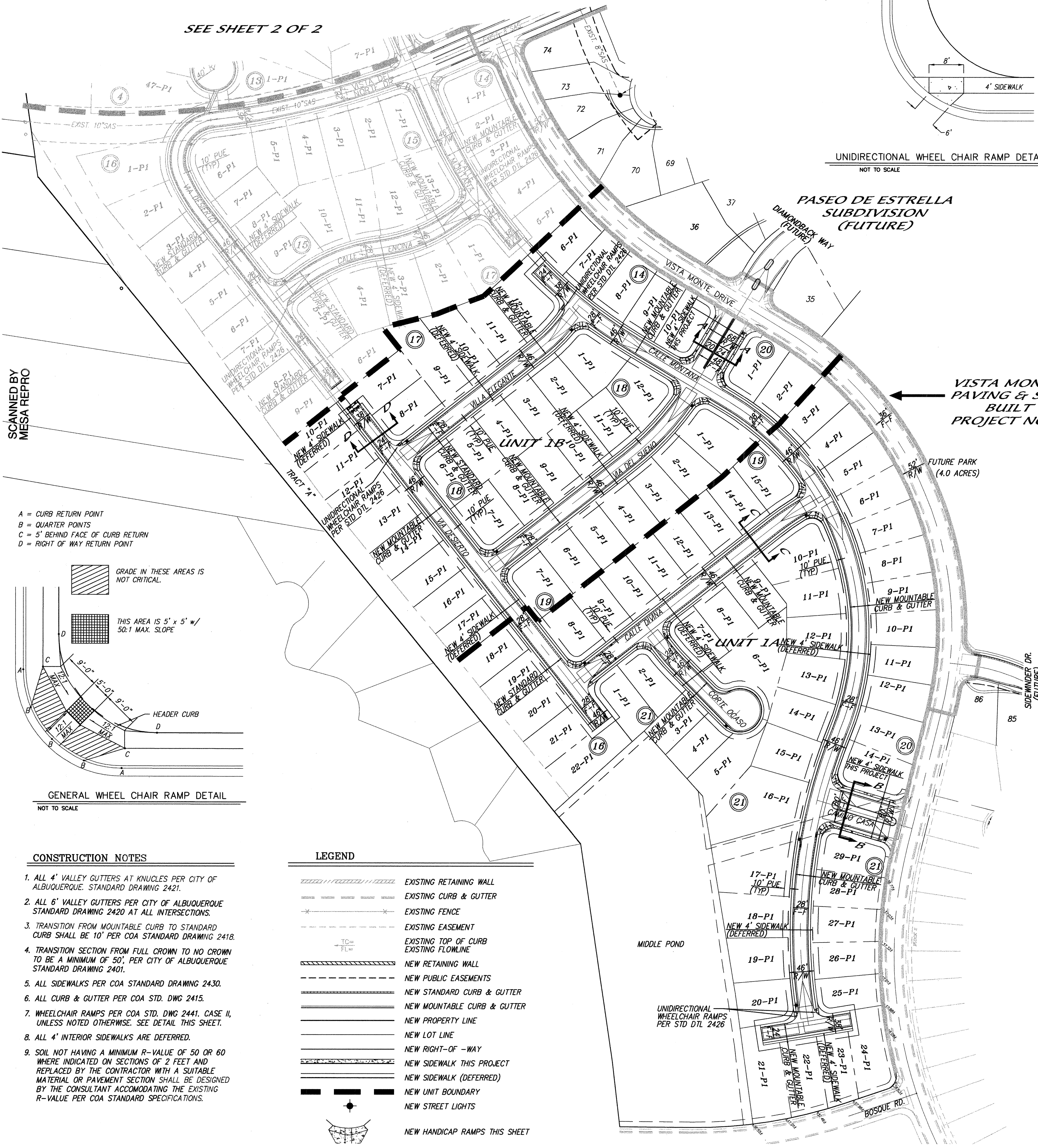


DESIGN REVIEW COMMITTEE CITY ENGINEER APPROVAL

For Information
Only

CITY PROJECT NO.	682683	ZONE MAP NO.	<i>D-76</i>	SHEET	10	OF	28
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SEE SHEET 2 OF 2



UNIDIRECTIONAL WHEEL CHAIR RAMP DETAIL 2426
NOT TO SCALE

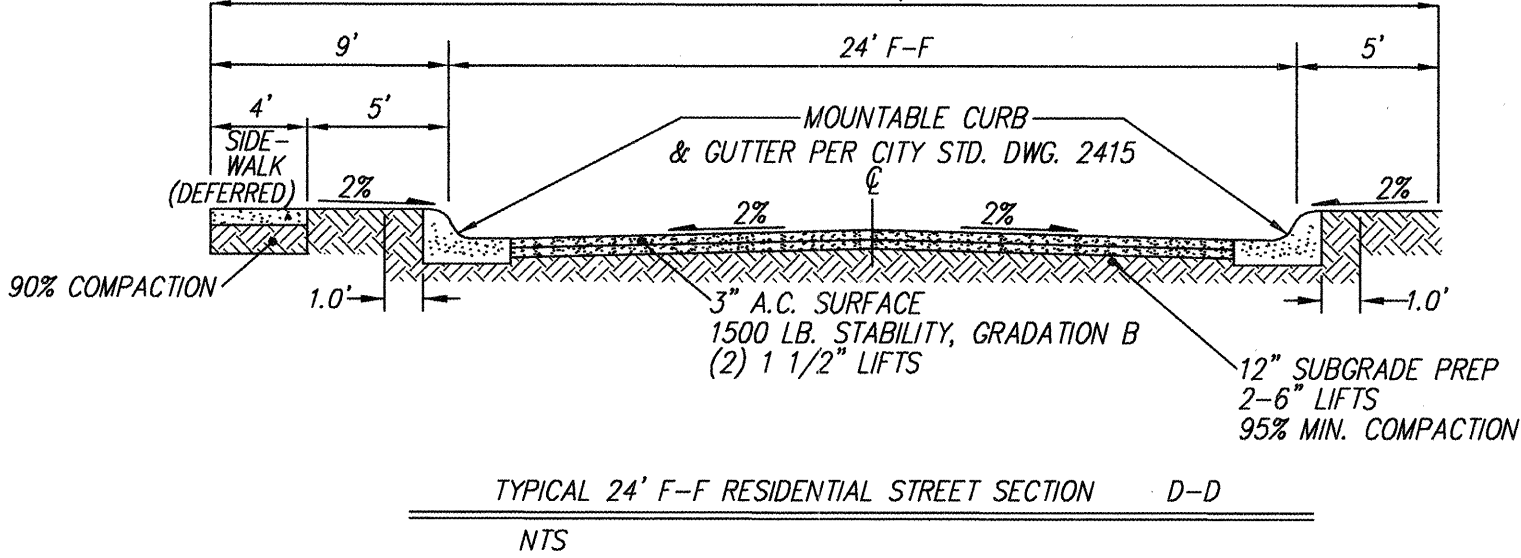
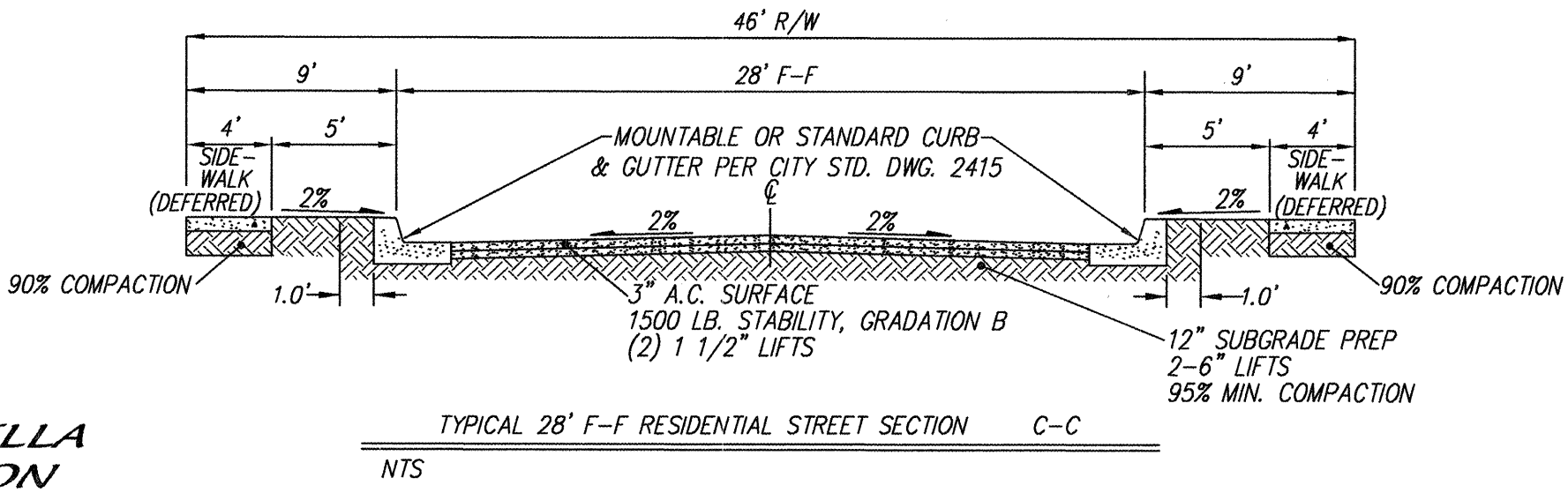
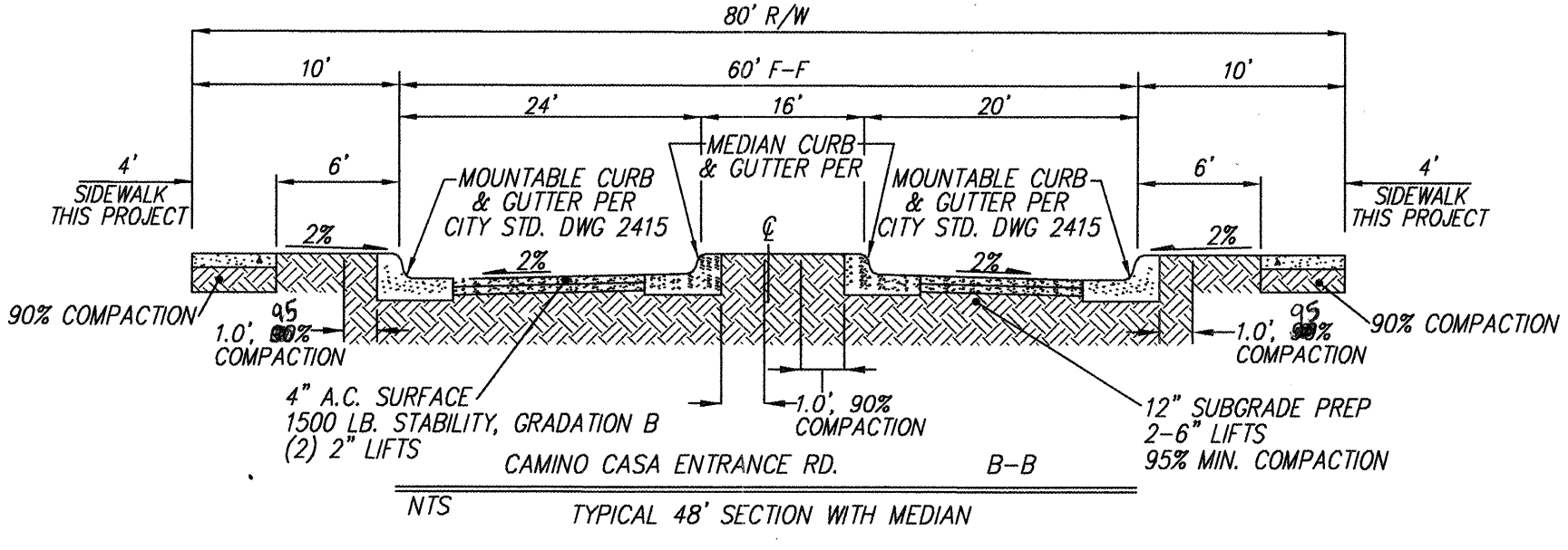
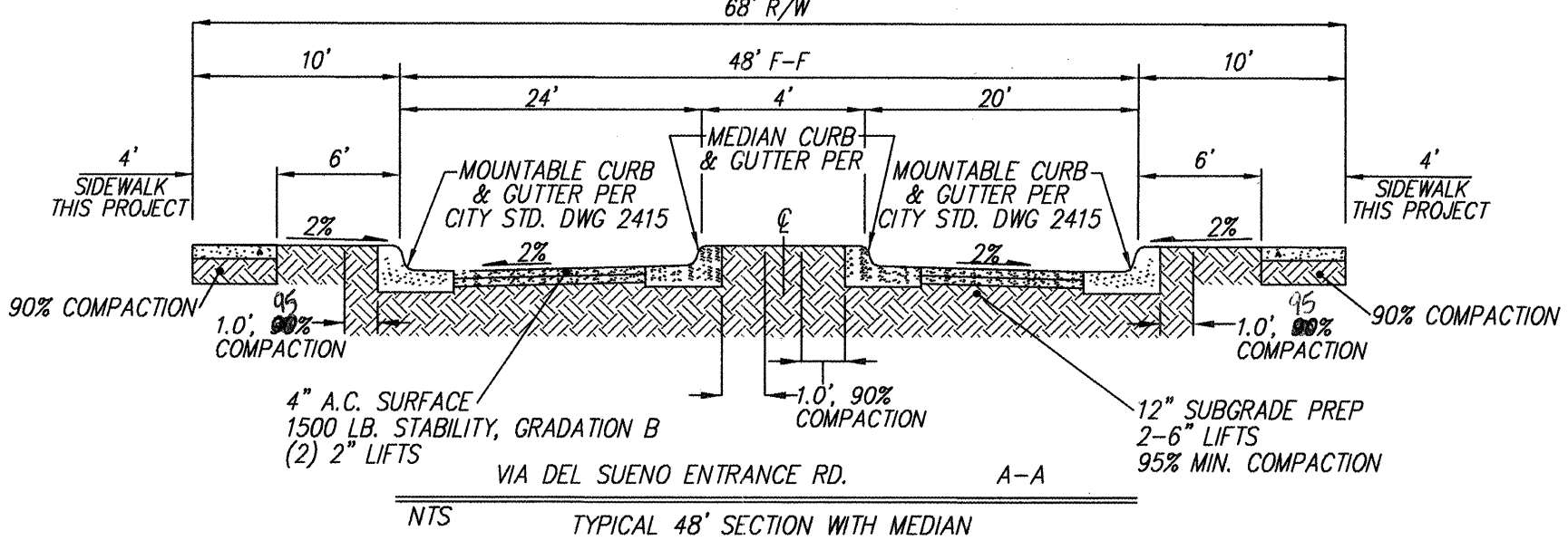
PASEO DE ESTRELLA
SUBDIVISION
(FUTURE)

VISTA MONTE DRIVE
PAVING & SIDEWALK
BUILT WITH
PROJECT NO. 682681

VISTA ESTRELLA
SUBDIVISION
(FUTURE)

LOS PRADOS
DEL NORTE

NOTES



- A = CURB RETURN POINT
B = QUARTER POINTS
C = 5' BEHIND FACE OF CURB RETURN
D = RIGHT OF WAY RETURN POINT

GRADE IN THESE AREAS IS
NOT CRITICAL.

THIS AREA IS 5' x 5' w/
50:1 MAX. SLOPE

GENERAL WHEEL CHAIR RAMP DETAIL
NOT TO SCALE

CONSTRUCTION NOTES

1. ALL 4" VALLEY GUTTERS AT KNUCKLES PER CITY OF ALBUQUERQUE. STANDARD DRAWING 2421.
2. ALL 6" VALLEY GUTTERS PER CITY OF ALBUQUERQUE. STANDARD DRAWING 2420 AT ALL INTERSECTIONS.
3. TRANSITION FROM MOUNTABLE CURB TO STANDARD CURB SHALL BE 10' PER COA STANDARD DRAWING 2418.
4. TRANSITION SECTION FROM FULL CROWN TO NO CROWN TO BE A MINIMUM OF 50', PER CITY OF ALBUQUERQUE STANDARD DRAWING 2401.
5. ALL SIDEWALKS PER COA STANDARD DRAWING 2430.
6. ALL CURB & GUTTER PER COA STD. DWG 2415.
7. WHEELCHAIR RAMPS PER COA STD. DWG 2441, CASE II, UNLESS NOTED OTHERWISE. SEE DETAIL THIS SHEET.
8. ALL 4" INTERIOR SIDEWALKS ARE DEFERRED.
9. SOIL NOT HAVING A MINIMUM R-VALUE OF 50 OR 60 WHERE INDICATED ON SECTIONS OF 2 FEET AND REPLACED BY THE CONTRACTOR WITH A SUITABLE MATERIAL OR PAVEMENT SECTION SHALL BE DESIGNED BY THE CONSULTANT ACCORDING TO THE EXISTING R-VALUE PER COA STANDARD SPECIFICATIONS.

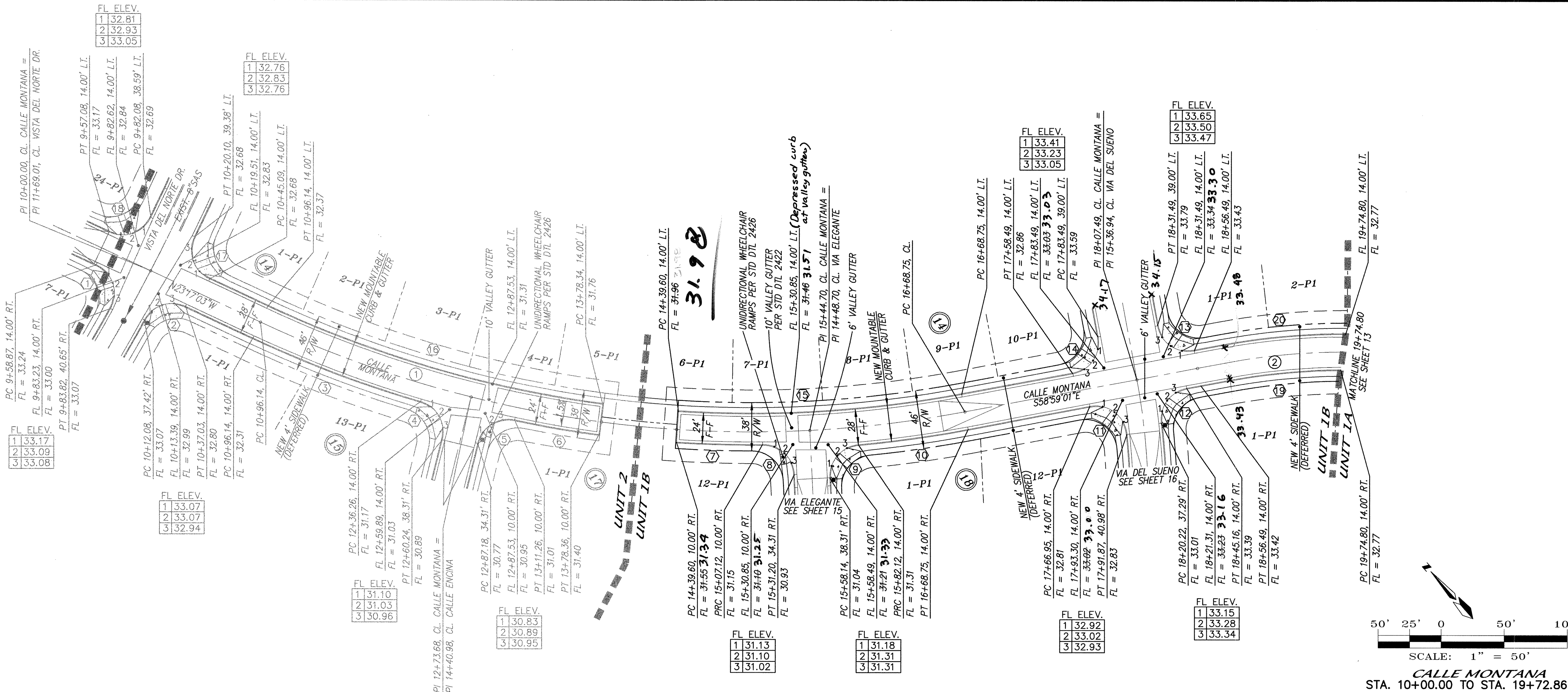
LEGEND

- EXISTING RETAINING WALL
- EXISTING CURB & GUTTER
- EXISTING FENCE
- EXISTING EASEMENT
- EXISTING TOP OF CURB
- EXISTING FLOWLINE
- NEW RETAINING WALL
- NEW PUBLIC EASEMENTS
- NEW STANDARD CURB & GUTTER
- NEW MOUNTABLE CURB & GUTTER
- NEW PROPERTY LINE
- NEW LOT LINE
- NEW RIGHT-OF-WAY
- NEW SIDEWALK THIS PROJECT
- NEW SIDEWALK (DEFERRED)
- NEW UNIT BOUNDARY
- NEW STREET LIGHTS
- NEW HANDICAP RAMPS THIS SHEET



CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT	
TITLE: VISTA DEL NORTE - UNITS 1A & 1B MASTER PAVING PLAN	
DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL
DESIGN REVIEW COMMITTEE	CITY ENGINEER
CITY PROJECT NO. 682683	ZONE MAP NO. D-16
DESIGNED BY DLH	DATE 12/01
DRAWN BY MMH	DATE 12/01
CHECKED BY DMG	DATE 12/01

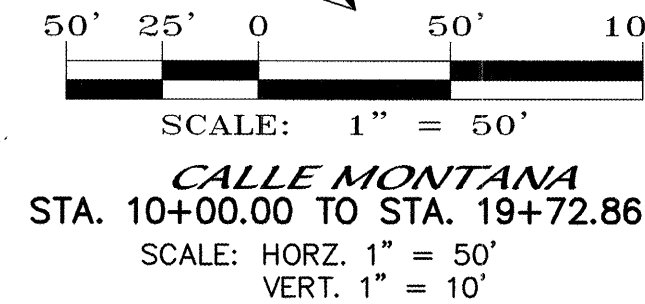
SCANNED BY
MESA REPRO



NOTES
1. ALL STATIONING IS CENTERLINE STATIONING.

CALLE MONTANA
CURVE DATA - DESCRIBES FACE OF CURB

1 $\Delta = 93^{\circ}47'39''$ $R = 25.00'$ $L = 40.93'$ $T = 26.71'$	2 $\Delta = 86^{\circ}23'12''$ $R = 25.00'$ $L = 37.69'$ $T = 23.47'$
3 $\Delta = 8^{\circ}44'09''$ $R = 933.00'$ $L = 142.25'$ $T = 71.27'$	4 $\Delta = 87^{\circ}40'01''$ $R = 25.00'$ $L = 38.25'$ $T = 24.00'$
5 $\Delta = 87^{\circ}40'01''$ $R = 25.00'$ $L = 38.25'$ $T = 24.00'$	6 $\Delta = 41^{\circ}05'59''$ $R = 929.00'$ $L = 68.25'$ $T = 31.14'$
7 $\Delta = 41^{\circ}2'33''$ $R = 929.00'$ $L = 68.25'$ $T = 31.14'$	8 $\Delta = 87^{\circ}40'01''$ $R = 25.00'$ $L = 38.25'$ $T = 24.00'$
9 $\Delta = 87^{\circ}40'01''$ $R = 25.00'$ $L = 38.25'$ $T = 24.00'$	10 $\Delta = 52^{\circ}4'03''$ $R = 933.00'$ $L = 87.95'$ $T = 44.01'$
11 $\Delta = 94^{\circ}32'08''$ $R = 25.00'$ $L = 41.25'$ $T = 27.06'$	12 $\Delta = 86^{\circ}05'05''$ $R = 25.00'$ $L = 37.56'$ $T = 23.35'$
13 $\Delta = 90^{\circ}00'00''$ $R = 25.00'$ $L = 39.27'$ $T = 25.00'$	14 $\Delta = 90^{\circ}00'00''$ $R = 25.00'$ $L = 39.27'$ $T = 25.00'$
15 $\Delta = 141^{\circ}7'06''$ $R = 905.00'$ $L = 225.64'$ $T = 113.41'$	16 $\Delta = 17^{\circ}35'38''$ $R = 905.00'$ $L = 277.90'$ $T = 140.05'$
17 $\Delta = 90^{\circ}52'56''$ $R = 25.00'$ $L = 39.65'$ $T = 25.39'$	18 $\Delta = 89^{\circ}04'05''$ $R = 25.00'$ $L = 38.86'$ $T = 24.60'$
19 $\Delta = 23^{\circ}31'16''$ $R = 486.00'$ $L = 199.51'$ $T = 101.18'$	20 $\Delta = 81^{\circ}00'23''$ $R = 514.00'$ $L = 726.71'$ $T = 439.05'$



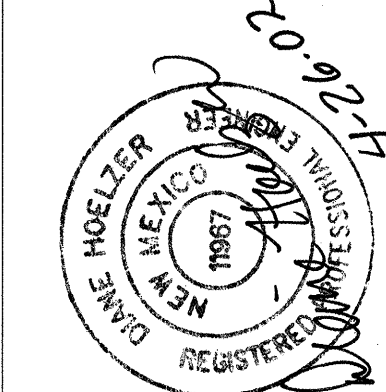
UNIT 2
FUTURE CONSTRUCTION

THIS PROJECT

CURVE DATA - DESCRIBES CENTERLINE

1 $\Delta = 35^{\circ}41'58''$ $R = 919.00'$ $L = 572.61'$ $T = 293.94'$

ENGINEER'S SEAL



NO. DATE

REMARKS
REVISIONS
DESIGN

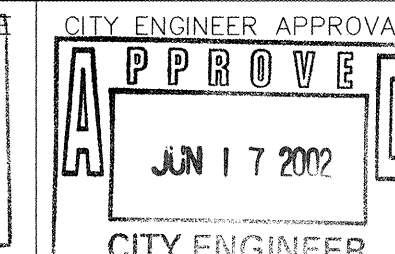
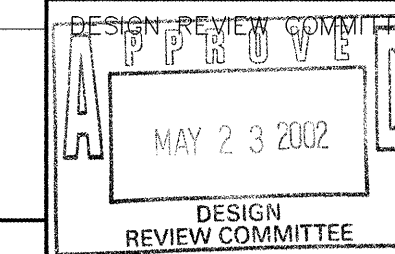
BY

DATE
01/02
DATE
01/02
DATE
01/02

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

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT

TITLE: VISTA DEL NORTE - UNITS 1A & 1B
CALLE MONTANA
PAVING IMPROVEMENTS



CITY PROJECT NO.

ZONE MAP NO.

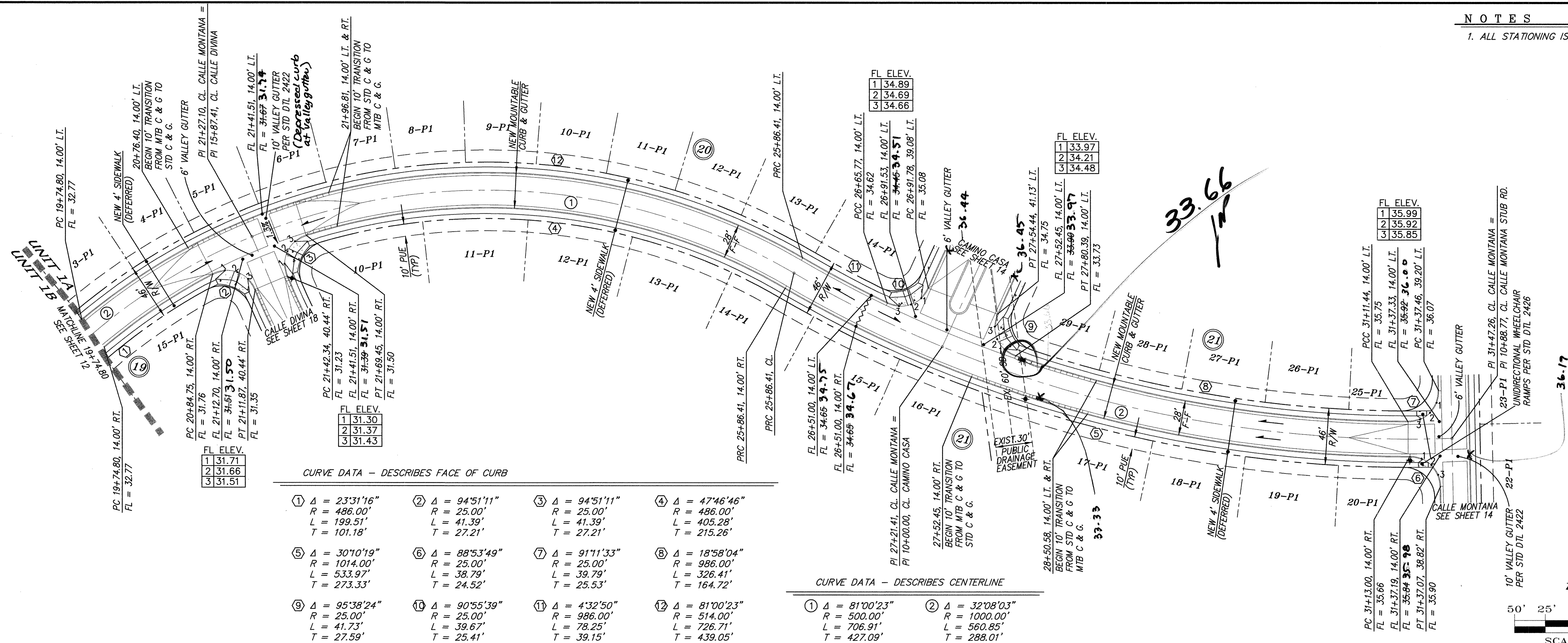
SHEET OF

A1005VDN/UNIT1AB/A1005PP-1/04-22-02/ACH

682683

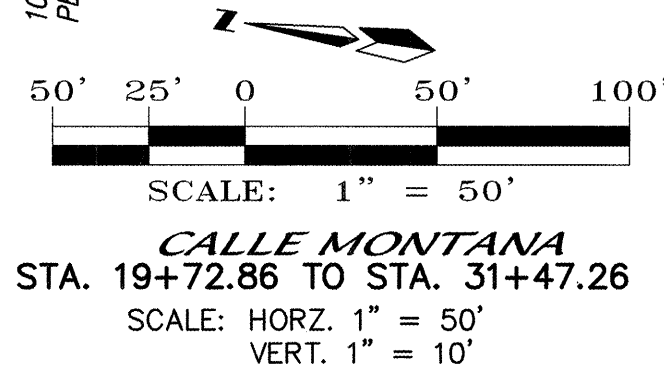
D-16

12 28



NOTES

1. ALL STATIONING IS CENTERLINE STATIONING.



ENGINEER'S SEAL		SURVEY INFORMATION		BENCH MARKS		AS BUILT INFORMATION	
142602 DAME HOELLER NEW MEXICO 1987 REGISTERED 142602 142602		FIELD NOTES				CONTRACTOR	
		NO.	BY	DATE	ACS BRASS CAP STAMPED "MA-9"		WORK
				LOCATED IN SOUTHEAST QUADRANT OF PASEO DEL NORTE & NORTH DIVERSION CHANNEL INTERSECTION.		STARTED BY A15 DATE 1/6/03	
				GEOGRAPHIC POSITION (NAD 1927), IN FEET		ACCEPTANCE BY D. Jaramila DATE 9/2	
		BY		N.M. STATE PLANE COORDINATES (CENTRAL ZONE)		FIELD DRAINAGE BY A15 DATE 1/02	
		REVISIONS		X = 394,134.18 Y = 1,518,711.30		CORRECTED BY A15 DATE 1/02	
		DESIGN		ELEVATION = 5069.27 (NGVD 1929), IN FEET		MICRO-FILM INFORMATION	
		DESIGNED BY DLH		DATE 01/02		RECORDED BY	
		DRAWN BY ACH		DATE 01/02		NO.	
		CHECKED BY DMG		DATE 01/02			

NO. 16

SHEET 13 OF 28

MO./DAY./YR.

MO./DAY./YR.

SCANNED BY
MESA REPRO

FOR INFORMATION ONLY

CALLE ENCINA
STA. 10+00.00 TO STA. 14+40.98
SCALE: HORIZ. 1" = 50'
VERT. 1" = 10'

VIA ELEGANTE
STA. 10+00.00 TO STA. 14+48.70
SCALE: HORIZ. 1" = 50'
VERT. 1" = 10'

NOTES

1. ALL STATIONING IS CENTERLINE STATIONING.

CALLE ENCINA CURVE DATA - DESCRIBES FACE OF CURB

- | | |
|--|--|
| ① $\Delta = 90^{\circ}00'00''$
$R = 25.00'$
$L = 39.27'$
$T = 25.00'$ | ② $\Delta = 31^{\circ}12'13''$
$R = 286.00'$
$L = 155.76'$
$T = 79.86'$ |
| ③ $\Delta = 27^{\circ}26'40''$
$R = 314.00'$
$L = 150.40'$
$T = 76.67'$ | ④ $\Delta = 87^{\circ}40'01''$
$R = 25.00'$
$L = 38.25'$
$T = 24.00'$ |
| ⑤ $\Delta = 87^{\circ}40'01''$
$R = 25.00'$
$L = 38.25'$
$T = 24.00'$ | ⑥ $\Delta = 27^{\circ}26'40''$
$R = 286.00'$
$L = 136.99'$
$T = 69.84'$ |
| ⑦ $\Delta = 31^{\circ}12'13''$
$R = 314.00'$
$L = 171.01'$
$T = 87.68'$ | ⑧ $\Delta = 90^{\circ}00'00''$
$R = 25.00'$
$L = 39.27'$
$T = 25.00'$ |

CURVE DATA - DESCRIBES CENTERLINE

- | | |
|--|--|
| ① $\Delta = 31^{\circ}12'13''$
$R = 300.00'$
$L = 163.38'$
$T = 83.77'$ | ② $\Delta = 27^{\circ}26'40''$
$R = 300.00'$
$L = 143.70'$
$T = 73.25'$ |
|--|--|

VIA ELEGANTE CURVE DATA - DESCRIBES FACE OF CURB

- | | |
|---|---|
| ① $\Delta = 90^{\circ}00'00''$
$R = 25.00'$
$L = 39.27'$
$T = 25.00'$ | ② $\Delta = 13^{\circ}08'15''$
$R = 280.18'$
$L = 64.24'$
$T = 32.26'$ |
| ③ $\Delta = 87^{\circ}40'01''$
$R = 25.00'$
$L = 38.25'$
$T = 24.00'$ | ④ $\Delta = 87^{\circ}40'01''$
$R = 25.00'$
$L = 38.25'$
$T = 24.00'$ |
| ⑤ $\Delta = 13^{\circ}08'15''$
$R = 252.18'$
$L = 57.82'$
$T = 29.04'$ | ⑥ $\Delta = 90^{\circ}00'00''$
$R = 25.00'$
$L = 39.27'$
$T = 25.00'$ |

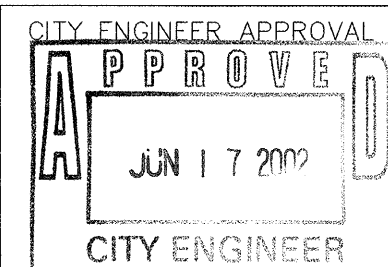
CURVE DATA - DESCRIBES CENTERLINE

- | |
|---|
| ① $\Delta = 13^{\circ}08'15''$
$R = 266.18'$
$L = 61.03'$
$T = 30.65'$ |
|---|

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**CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT**

TITLE: **VISTA DEL NORTE - UNITS 1A & 1B
CALLE ENCINA & VIA ELEGANTE
PAVING IMPROVEMENTS**



CITY PROJECT NO. **682683** ZONE MAP NO. **D-16** SHEET **15** OF **28**

ENGINEER'S SEAL



BENCH MARKS

SURVEY INFORMATION

ENGINEER'S SEAL

REMARKS

NO. DATE

DESIGNED BY

DRAWN BY

CHECKED BY

DATE

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ENGINEER'S SEAL

REMARKS

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CHECKED BY

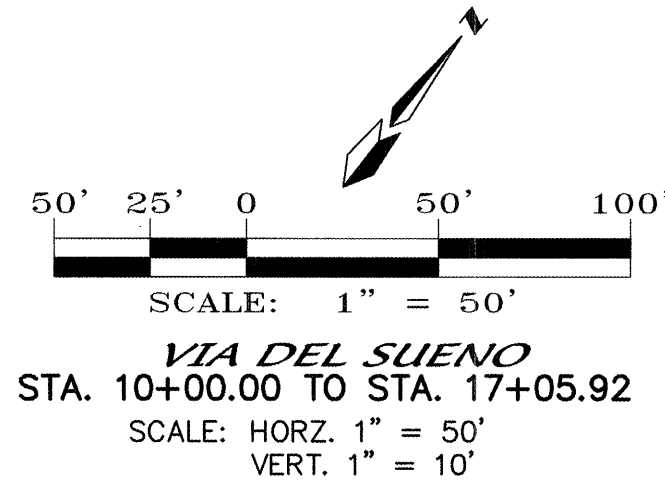
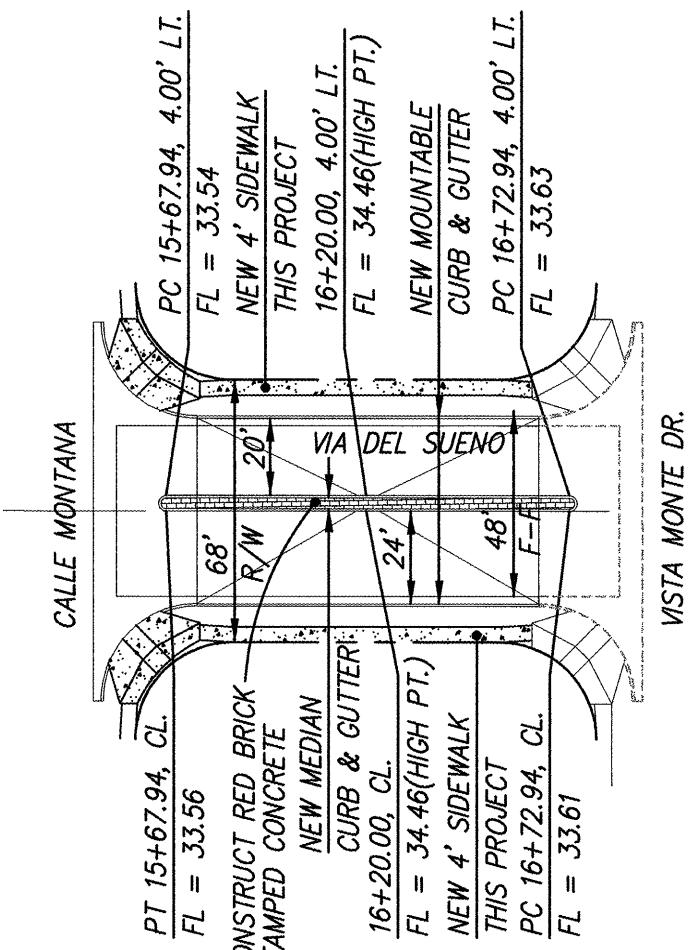
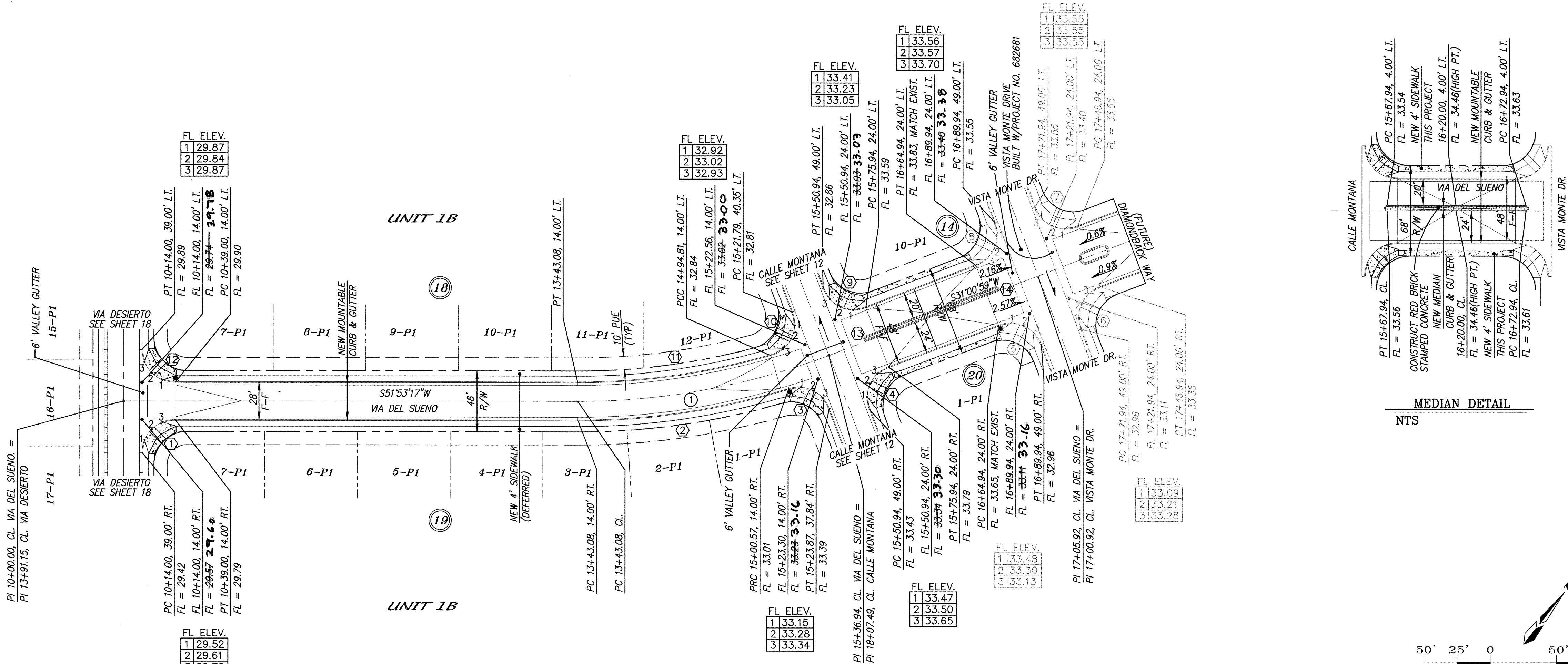
DATE

DATE

ENGINEER'S SEAL

REMARKS

SCANNED BY
MESA REPRO



NOTES
1. ALL STATIONING IS CENTERLINE STATIONING.

CURVE DATA - DESCRIBES FACE OF CURB

① Δ = 90°00'00"	② Δ = 16°57'23"
R = 25.00'	R = 546.18'
L = 39.27'	L = 161.64'
T = 25.00'	T = 81.41'
③ Δ = 86°05'05"	④ Δ = 90°00'00"
R = 25.00'	R = 25.00'
L = 37.56'	L = 39.27'
T = 23.35'	T = 25.00'
⑤ Δ = 90°00'00"	⑥ Δ = 90°00'00"
R = 25.00'	R = 25.00'
L = 39.27'	L = 39.27'
T = 25.00'	T = 25.00'
⑦ Δ = 90°00'00"	⑧ Δ = 90°00'00"
R = 25.00'	R = 25.00'
L = 39.27'	L = 39.27'
T = 25.00'	T = 25.00'
⑨ Δ = 90°00'00"	⑩ Δ = 94°32'08"
R = 25.00'	R = 25.00'
L = 39.27'	L = 41.25'
T = 25.00'	T = 27.06'
⑪ Δ = 16°20'10"	⑫ Δ = 90°00'00"
R = 518.18'	R = 25.00'
L = 147.74'	L = 39.27'
T = 74.38'	T = 25.00'
⑬ Δ = 180°00'00"	⑭ Δ = 180°00'00"
R = 2.00'	R = 2.00'
L = 6.28'	L = 6.28'
T =	T =

CURVE DATA - DESCRIBES CENTERLINE

① Δ = 20°52'18"
R = 532.18'
L = 193.86'
T = 98.02'

AS BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		ENGINEER'S SEAL	
CONTRACTOR	DATE	NO.	BY	NO.	DATE	[Seal]	
WORKED BY	DATE	FIELD NOTES		REMARKS		DESIGNED BY	
INSPECTED BY	DATE	NO.		BY		DRAWN BY	
ACCEPTANCE BY	DATE	NO.		REVISIONS		CHECKED BY	
VERIFICATION BY	DATE	NO.		DESIGN		DATE	
DRAWINGS BY	DATE	NO.		DATE		DATE	
CORRECTIONS BY	DATE	NO.		DATE		DATE	
MICRO-FILM INFORMATION		NO.		DATE		DATE	
RECORDED BY		NO.		DATE		DATE	
NO.		NO.		DATE		DATE	

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ALBUQUERQUE, NEW MEXICO 87199
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CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT

TITLE: VISTA DEL NORTE - UNITS 1A & 1B
VIA DEL SUEÑO
PAVING IMPROVEMENTS

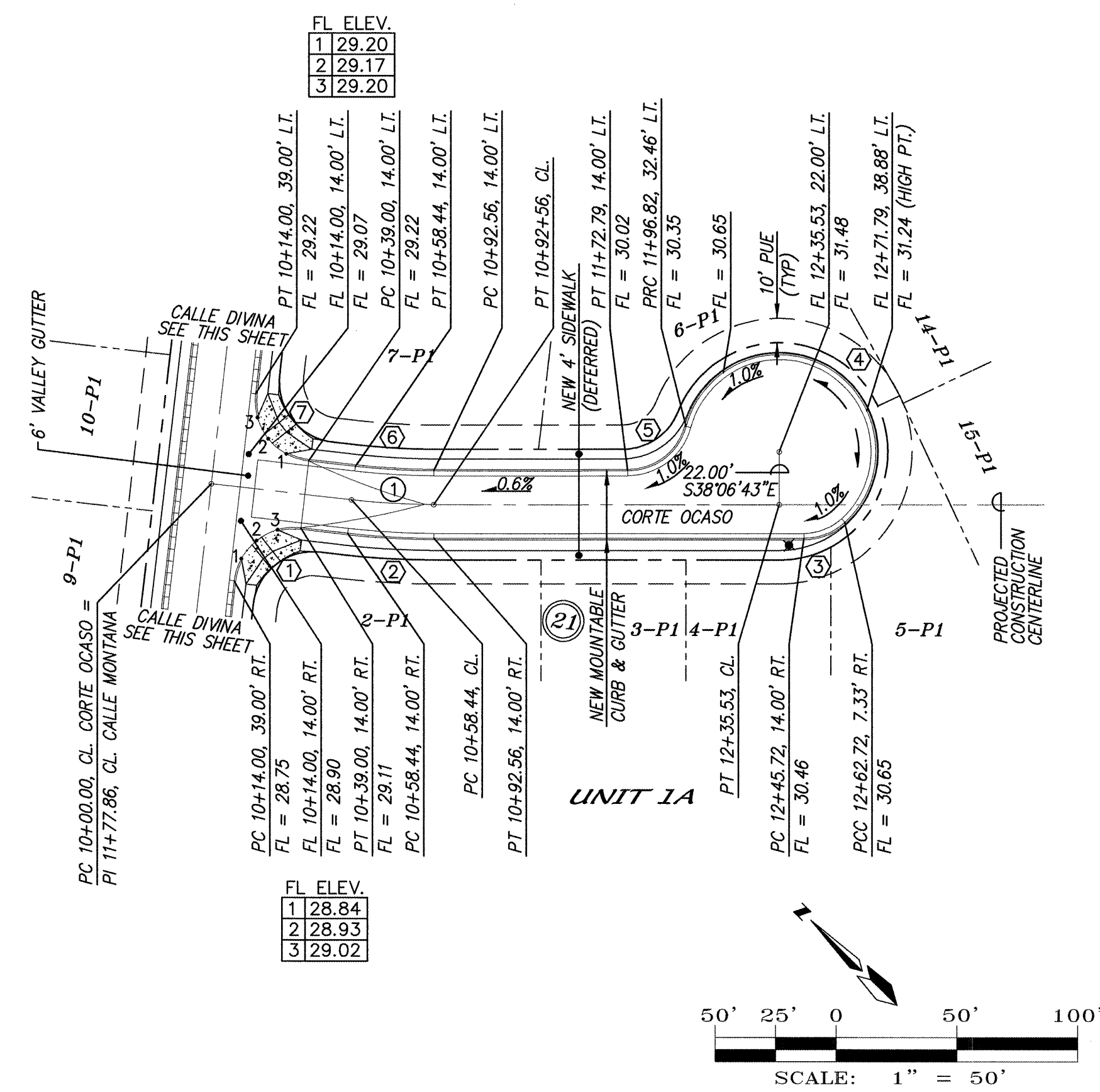
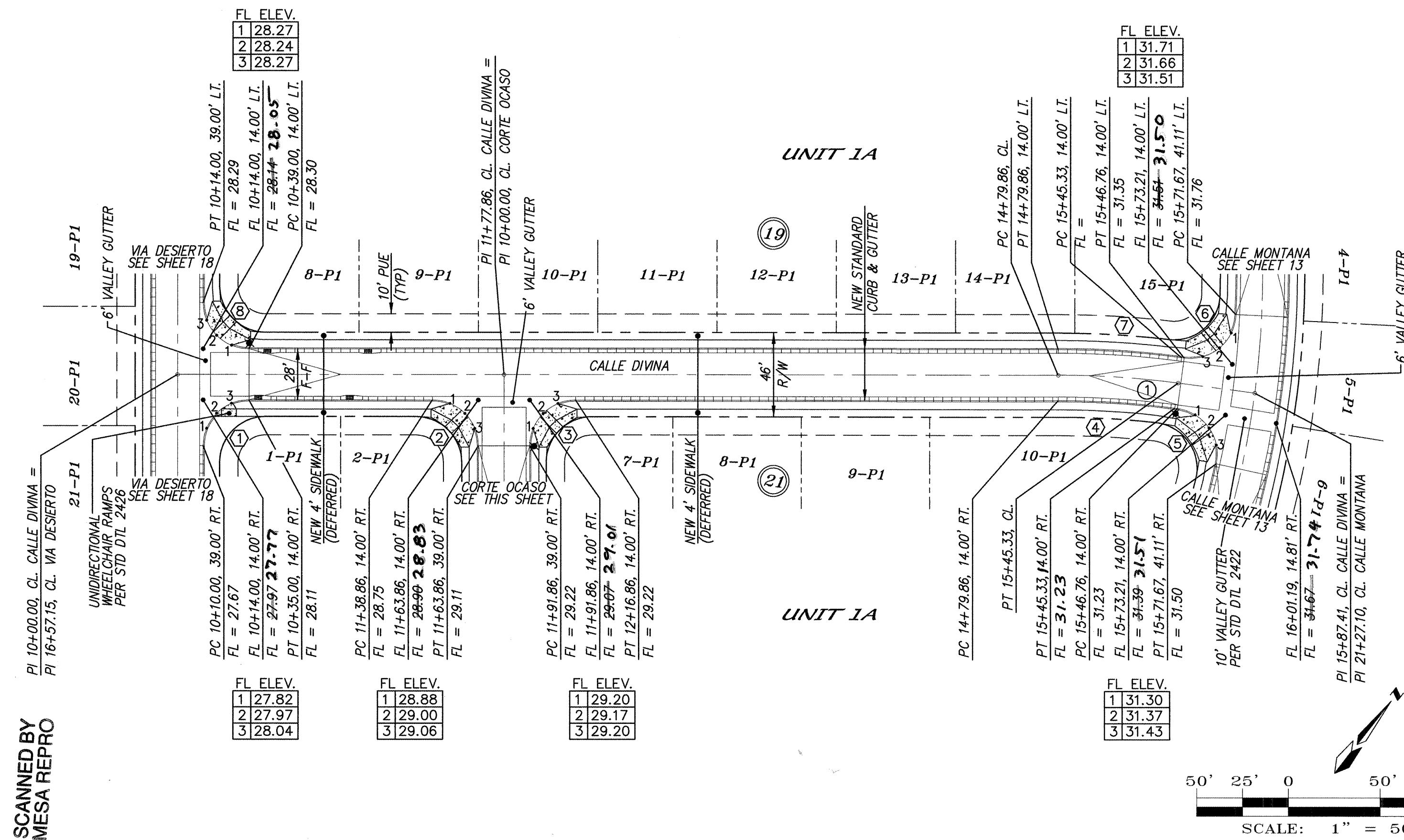
DESIGN REVIEW COMMITTEE
MAY 23 2002

CITY ENGINEER APPROVAL
JUN 17 2002

LAST DESIGN UPDATE

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

CITY PROJECT NO. 682683 ZONE MAP NO. D-16 SHEET 16 OF 28



1. ALL STATIONING IS CENTERLINE STATIONING.

CALLE DIVINA
CURVE DATA - DESCRIBES FACE OF CURB

- ① $\Delta = 90^{\circ}00'00''$
 $R = 25.00'$
 $L = 39.27'$
 $T = 25.00'$
- ② $\Delta = 90^{\circ}00'00''$
 $R = 25.00'$
 $L = 39.27'$
 $T = 25.00'$
- ③ $\Delta = 90^{\circ}00'00''$
 $R = 25.00'$
 $L = 39.27'$
 $T = 25.00'$
- ④ $\Delta = 73^{\circ}09'09''$
 $R = 486.00'$
 $L = 63.64'$
 $T = 31.87'$
- ⑤ $\Delta = 94^{\circ}51'11''$
 $R = 25.00'$
 $L = 41.39'$
 $T = 27.21'$
- ⑥ $\Delta = 94^{\circ}51'11''$
 $R = 25.00'$
 $L = 41.39'$
 $T = 27.21'$
- ⑦ $\Delta = 73^{\circ}09'09''$
 $R = 514.00'$
 $L = 67.30'$
 $T = 33.70'$
- ⑧ $\Delta = 90^{\circ}00'00''$
 $R = 25.00'$
 $L = 39.27'$
 $T = 25.00'$

CURVE DATA - DESCRIBES CENTERLINE

$$\begin{aligned} \textcircled{1} \quad \Delta &= 7^{\circ}30'09'' \\ R &= 500.00' \\ L &= 65.47' \\ T &= 32.78' \end{aligned}$$

CORTE OCASO
CURVE DATA - DESCRIBES FACE OF CURB

① $\Delta = 90^{\circ}00'00''$ ② $\Delta = 6^{\circ}30'58''$
 $R = 25.00'$ $R = 314.00'$
 $L = 39.27'$ $L = 35.71'$
 $T = 25.00'$ $T = 17.88'$

③ $\Delta = 42^{\circ}50'00''$ ④ $\Delta = 212^{\circ}00'19''$
 $R = 25.00'$ $R = 40.00'$
 $L = 18.69'$ $L = 148.01'$
 $T = 9.81'$ $T = N/A$

⑤ $\Delta = 74^{\circ}50'19''$ ⑥ $\Delta = 6^{\circ}30'58''$
 $R = 25.00'$ $R = 286.00'$
 $L = 32.65'$ $L = 32.53'$
 $T = 19.13'$ $T = 16.28'$

⑦ $\Delta = 90^{\circ}00'00''$
 $R = 25.00'$
 $L = 39.27'$
 $T = 25.00'$

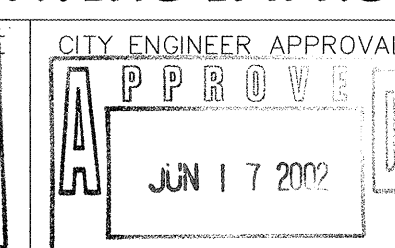
CURVE DATA - DESCRIBES CENTERLINE

$$\begin{aligned} \textcircled{1} \quad \Delta &= 6^{\circ}30'58'' \\ R &= 300.00' \\ L &= 34.12' \\ T &= 17.08' \end{aligned}$$

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CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT

TITLE: **VISTA DEL NORTE - UNITS 1A & 1B
CALLE DIVINA & CORTE OCASO
PAVING IMPROVEMENTS**

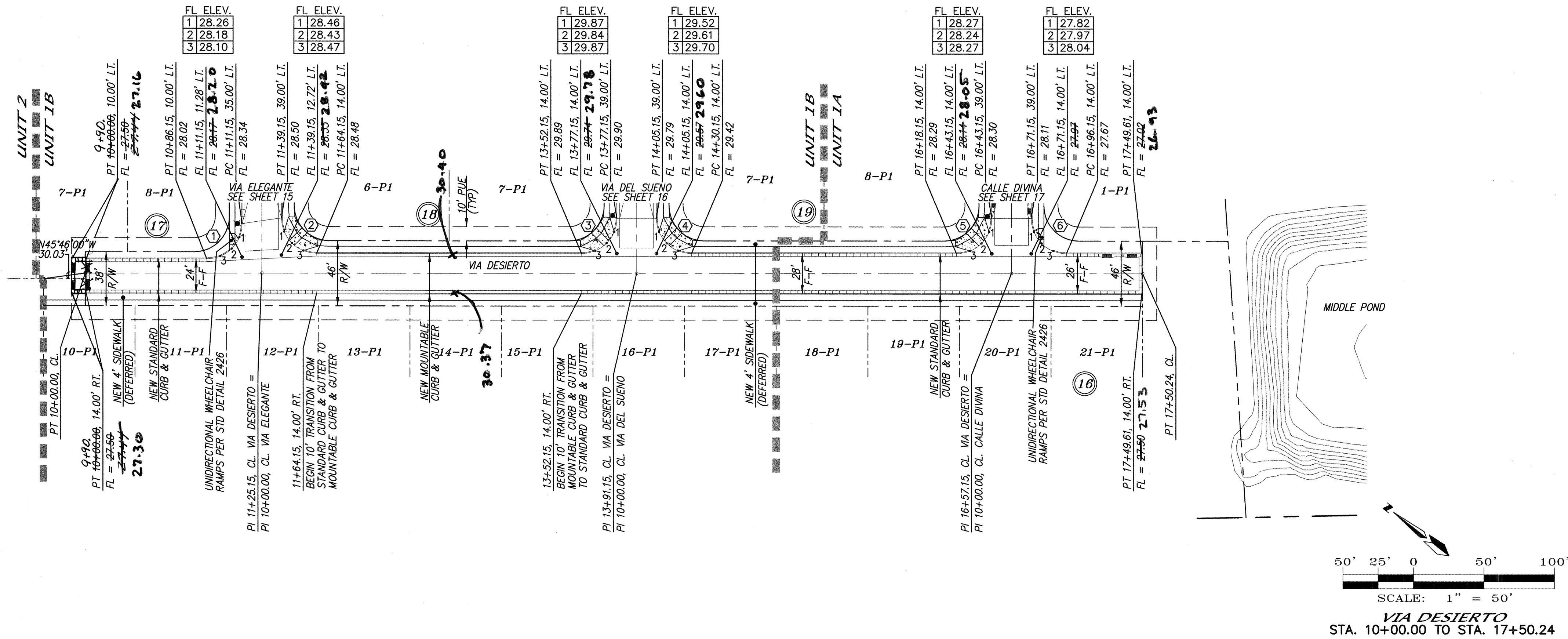
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CITY PROJECT NO.	ZONE MAP NO.	SHEET OF
682683	D-16	17 28

A1005VDN/UNIT1AB/A1005PP-7/04-22-02/ACH

A circular professional engineer seal for Dane Hoelzer, New Mexico, 1987. The seal is stamped in blue ink and features the text "DANE HOELZER" at the top, "NEW MEXICO" in the center, and "1987" below it. The outer ring of the seal reads "REGISTERED PROFESSIONAL ENGINEER". The seal is heavily crossed out with multiple diagonal and horizontal lines. To the right of the seal, the handwritten number "22-9-02" is visible.

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MESA REPRO



SCALE: 1" = 50'
VIA DESIERTO
STA. 10+00.00 TO STA. 17+50.24
SCALE: HORIZ. 1" = 50'
VERT. 1" = 10'

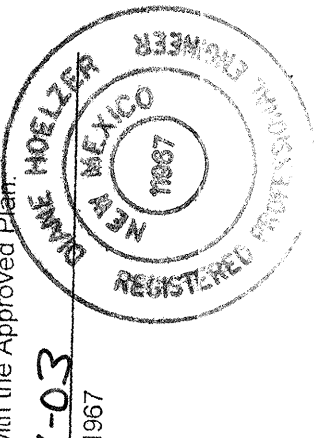
NOTES
1. ALL STATIONING IS CENTERLINE STATIONING.

CURVE DATA - DESCRIBES FACE OF CURB

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

RECORD DRAWING

I hereby certify that the information contained on this drawing has been revised in accordance with the information furnished by the contractor Sundance Mechanical and Utility, Corp. and by the surveyor. This plan as constructed is in substantial compliance with the Approved Plan.

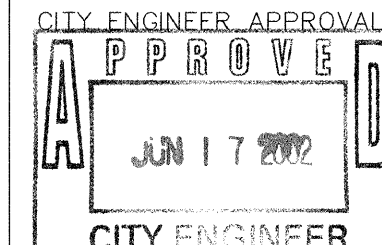
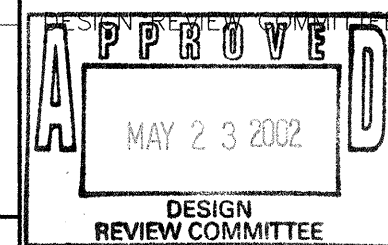


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CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT

TITLE: VISTA DEL NORTE - UNITS 1A & 1B
VIA DESIERTO
PAVING IMPROVEMENTS



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

CITY PROJECT NO.

ZONE MAP NO.

SHEET OF

682683

D-16

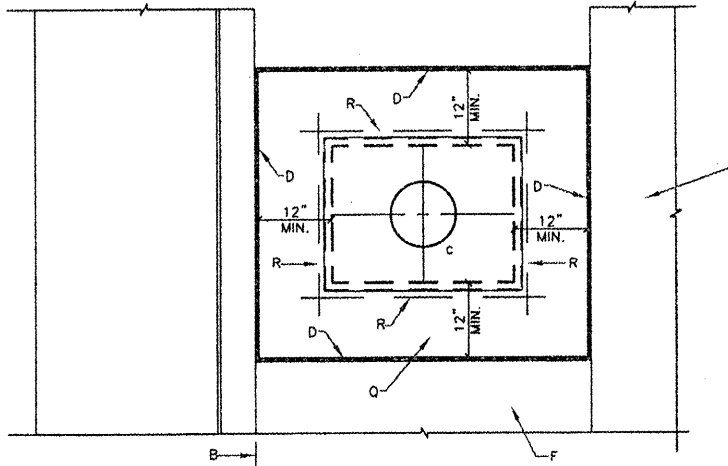
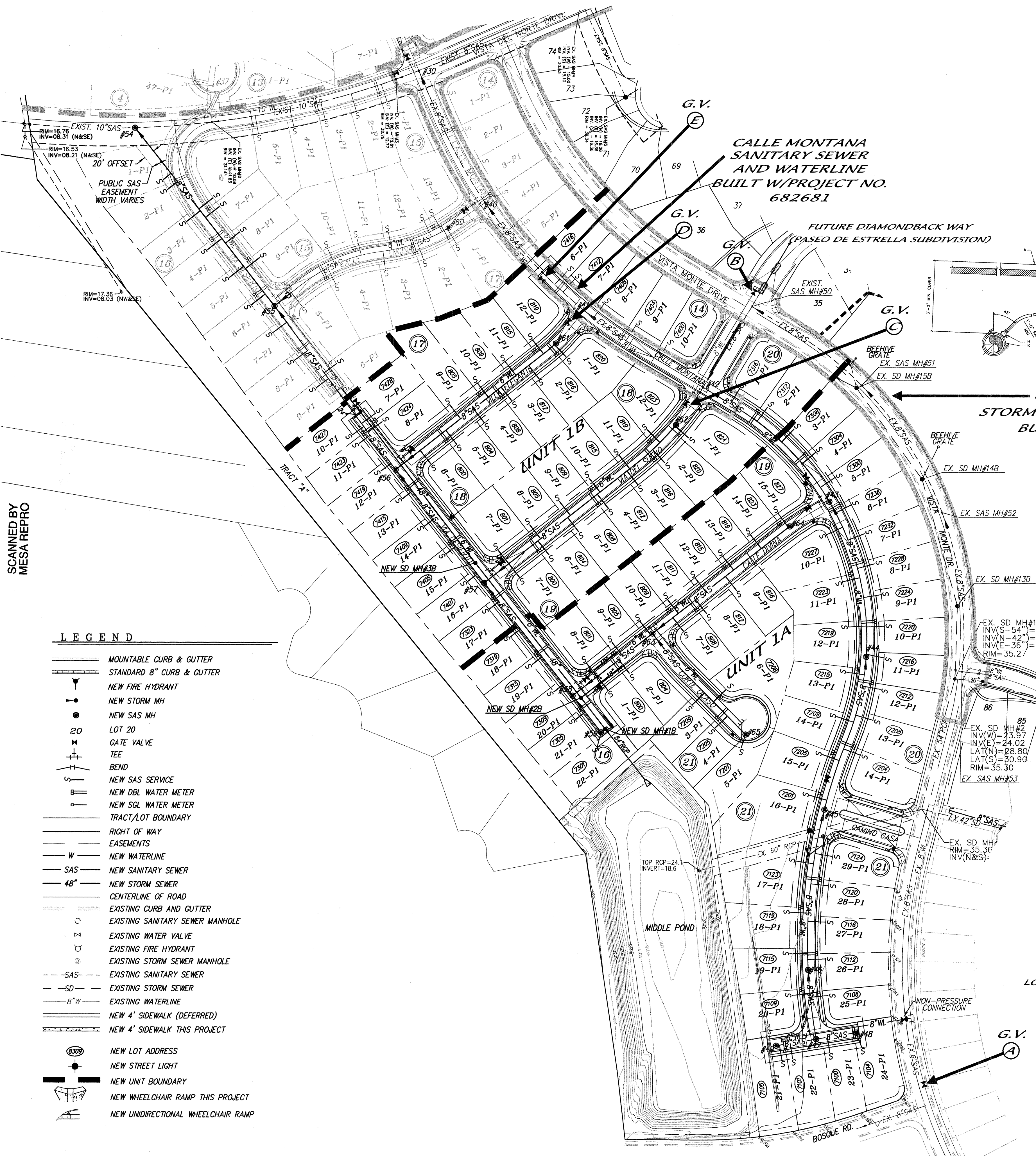
18 28

A1005VDN/UNIT1AB/A1005PP-4/04-22-02/ACH

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LEGEND

- MOUNTABLE CURB & GUTTER
- STANDARD 8" CURB & GUTTER
- NEW FIRE HYDRANT
- NEW STORM MH
- NEW SAS MH
- LOT 20
- GATE VALVE
- TEE
- BEND
- NEW SAS SERVICE
- NEW DBL WATER METER
- NEW SGL WATER METER
- TRACT/LOT BOUNDARY
- RIGHT OF WAY
- EASEMENTS
- NEW WATERLINE
- NEW SANITARY SEWER
- NEW STORM SEWER
- CENTERLINE OF ROAD
- EXISTING CURB AND GUTTER
- EXISTING SANITARY SEWER MANHOLE
- EXISTING WATER VALVE
- EXISTING FIRE HYDRANT
- EXISTING STORM SEWER MANHOLE
- EXISTING SANITARY SEWER
- EXISTING STORM SEWER
- EXISTING WATERLINE
- NEW 4" SIDEWALK (DEFERRED)
- NEW 4" SIDEWALK THIS PROJECT
- NEW LOT ADDRESS
- NEW STREET LIGHT
- NEW UNIT BOUNDARY
- NEW WHEELCHAIR RAMP THIS PROJECT
- NEW UNIDIRECTIONAL WHEELCHAIR RAMP



- GENERAL NOTES:
- THE METER SHALL BE SET UTILIZING A COPPER-SETTER. COPPER-SETTER HEIGHT 10' FOR 1" METER, 7' FOR 3/4" METER.
 - THE VALVE AND METER REGISTER BOX SHALL BE LOCATED UNDER THE LID OPENING. WHERE TWO METERS ARE TO BE INSTALLED IN A SINGLE METER BOX, THE METER REGISTERS SHALL BE WITHIN READING RANGE OF THE LID OPENING.
 - METER BOX LOCATION TO CONFORM TO DWG. 2361.
 - WHEN CONTRACTOR DOES NOT INSTALL METER, CONTRACTOR SHALL PROVIDE REMOVABLE PLUGS FOR END OF COPPER-SETTER.
 - EXISTING CONCRETE TO BE SAWCUT.
- CONSTRUCTION NOTES:
- STREET SURFACE.
 - BACK OF CURB.
 - CURB STOP. LOCATE METER BOX. SEE DWG. 2368 OR 2369.
 - 1/2" EXPANSION JOINT.
 - CURB STOP. LOCATE METER BOX.
 - SIDEWALK OR DRIVEWAY.
 - METER. TOP OF METER TO BE 12"-18" BELOW COVER.
 - CORP STOP.
 - MAIN WATER LINE.
 - TAPPING SADDLE.
 - COPPER SERVICE LINE.
 - COPPER SETTER.
 - TAP TO PROPERTY LINE WITH INSTA-TITE 1 P.T.
 - CONCRETE PAD REQUIRED IN ALL AREAS.
 - #4 REBAR CONTINUOUS ALL AROUND METER BOX.
 - STABILIZER BAR. 12" LONG X 1/2" DIAMETER GALVANIZED STEEL PIPE.
 - METER BOX LID SHALL BE FLUSH WITH SURROUNDING SIDEWALK.

REVISIONS	CITY OF ALBUQUERQUE
1/4" - 1" METERED SERVICE LINE INSTALLATION	DWG. 2362 MAR 2001

- NOTES
- ALL FIRE HYDRANTS ARE 4' BURY UNLESS OTHERWISE SPECIFIED.
 - ALL WATERLINE AND SANITARY SEWER IS CONSTRUCTED USING PVC PIPE.

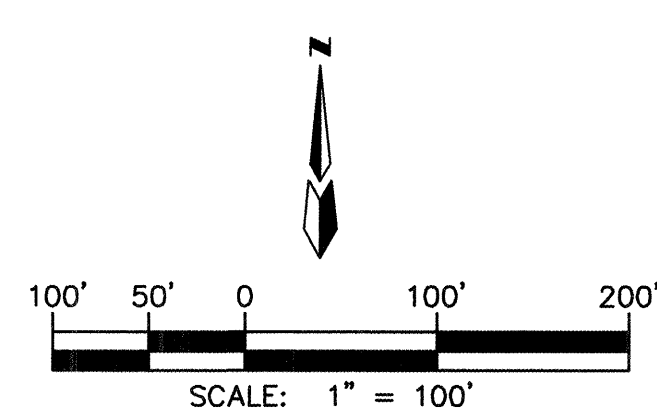
WATER SHUT-OFF NOTES

- CONTRACTOR WILL CONTACT WATER SYSTEMS AT 857-8200, FIVE (5) DAYS PRIOR TO NECESSARY SHUT-OFF.
- VALVES SHALL ONLY BE OPERATED BY CITY WATER EMPLOYEES.
- NON-PRESSURE CONNECTION IN VISTA MONTE DR. @ CALLE MONTANA HAMMERHEAD BY CLOSING GATE VALVE (A) JUST NORTH OF BOSQUE ROAD INTERSECTION.
- a. NON-PRESSURE CONNECTION ON VILLA ELEGANTE BY VERIFYING GATE VALVE (D) IS SHUT-OFF.
b. NON-PRESSURE CONNECTION ON VIA DEL SUENO BY VERIFYING GATE VALVE (C) IS SHUT-OFF.
c. NON-PRESSURE CONNECTION ON CALLE MONTANA @ VIA DEL SUENO BY SHUTTING OFF GATE VALVE (E) AND VERIFYING GATE VALVE (B), (C) AND (D) ARE SHUT OFF.

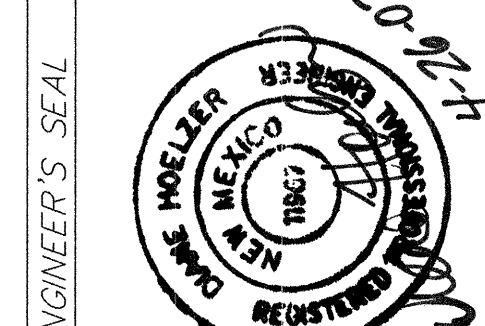
RESTRAINED JOINT LENGTH FOR BENDS, VALVES, DEAD ENDS (FT.)					
PIPE SIZE	90°	45°	22.5°	11.25°	VALVE
6"	17'	7'	-	-	46'
8"	22'	9'	4'	2'	60'

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

RESTRAINED JOINT LENGTH FOR TEES (FT.)		
PIPE SIZE	RUN	BRANCH
8"x8"x8"	13'	3'
8"x8"x6"	7'	5'
6"x6"x6"	10'	2'



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CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT	
TITLE: VISTA DEL NORTE - UNITS 1A & 1B MASTER UTILITY PLAN	
APPROVED MAY 23 2002 DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL APPROVED JUN 17 2002 CITY ENGINEER
CITY PROJECT NO. 682683	ZONE MAP NO. D-16
DESIGNED BY DLH	DATE 12/01
DRAWN BY MMH	DATE 12/01
CHECKED BY DMG	DATE 12/01

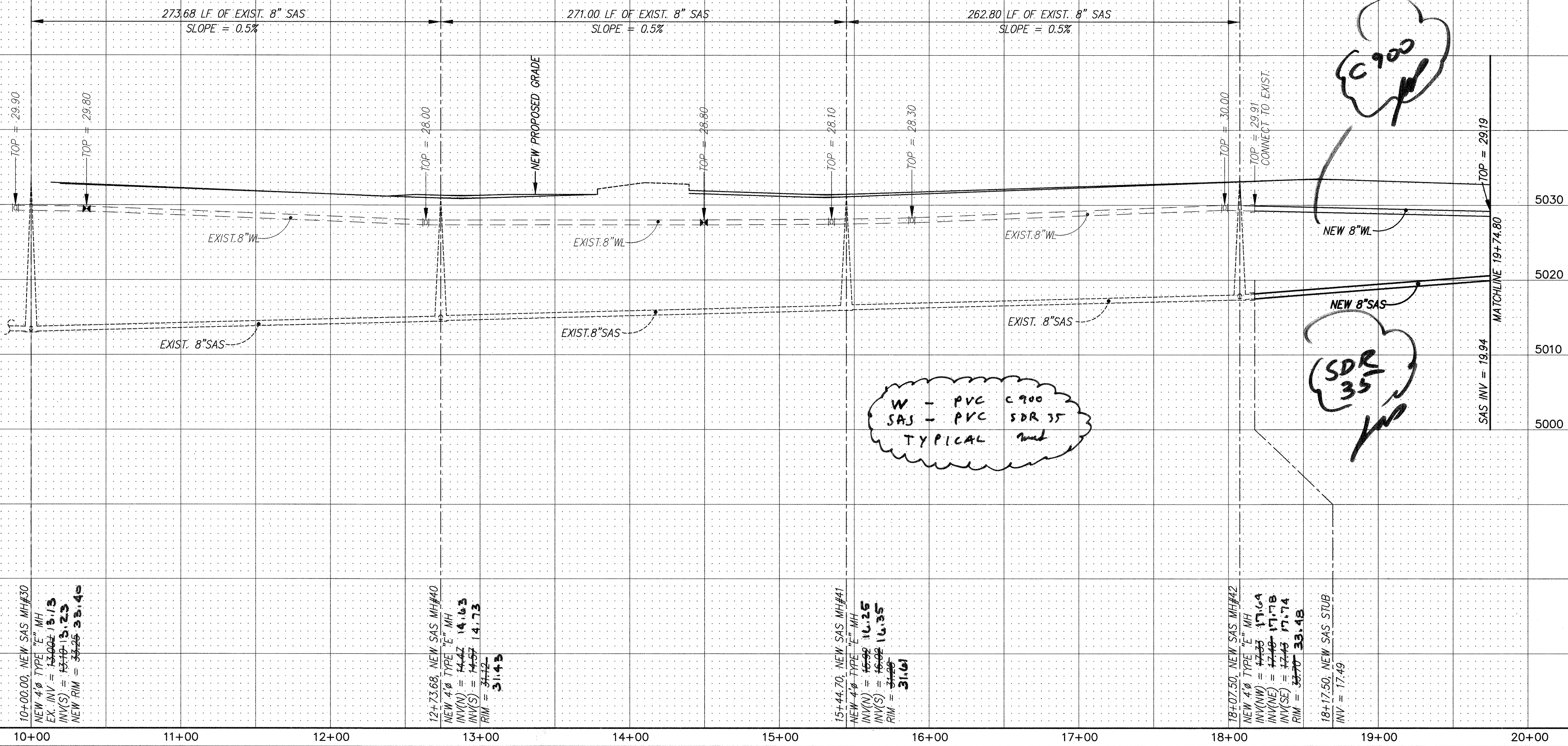
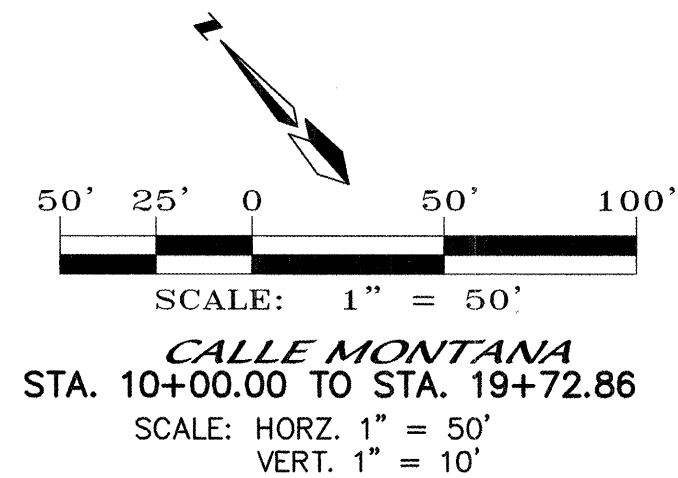
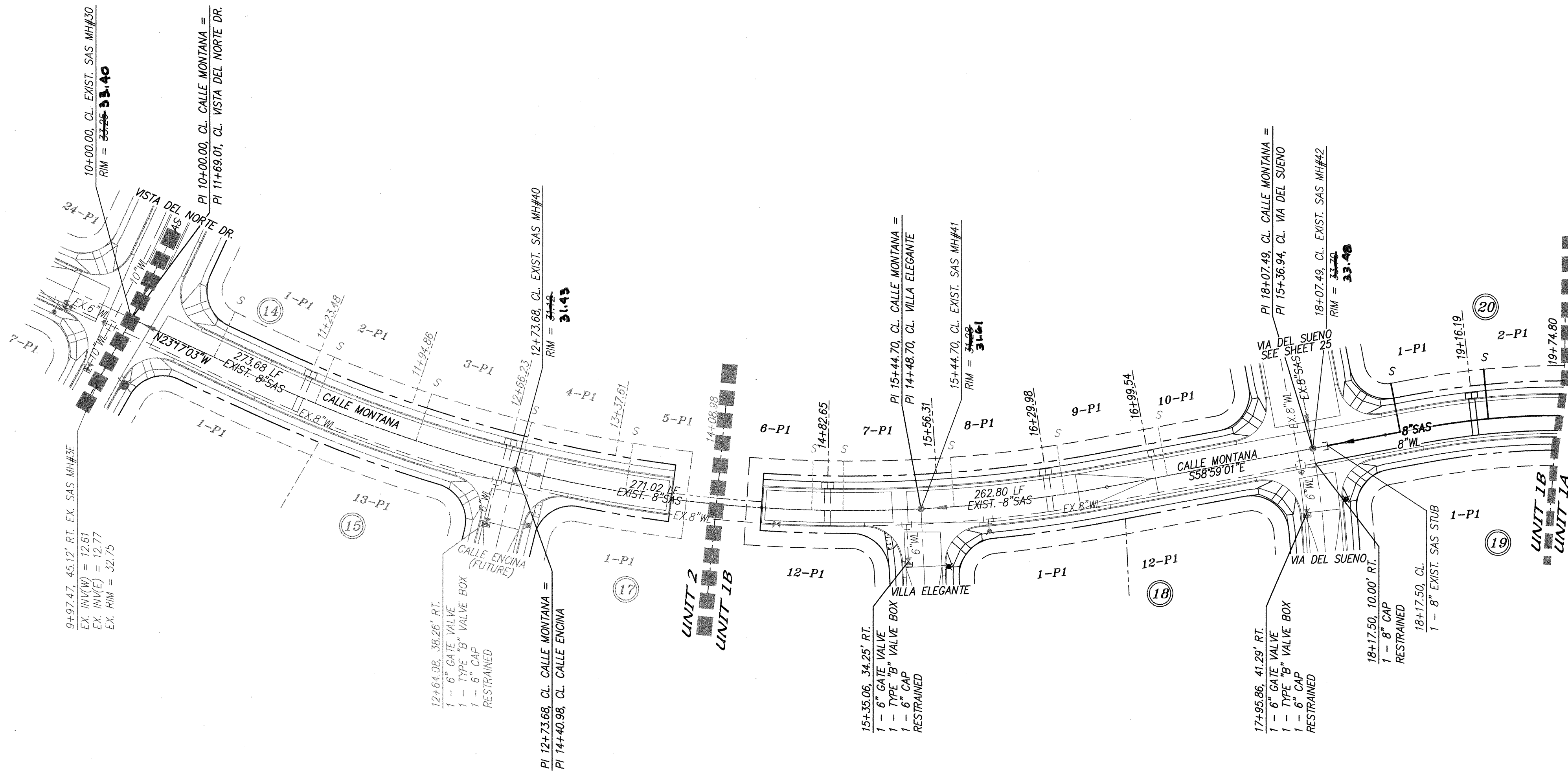


AS BUILT INFORMATION	
CONTRACTOR Sundance	DATE 12/01
WORK STAGED BY AS	DATE 12/01
ACCEPTANCE BY B. Jaramila	DATE 12/01
FIELD CATCH BY AS	DATE 12/01
DRAWINGS CORRECTED BY AS	DATE 12/01
MICRO-FILM INFORMATION	
RECORDED BY	DATE
NO.	

SURVEY INFORMATION	
FIELD NOTES	DATE
NO.	BY

ENGINEER'S SEAL	
NO.	DATE
REVISIONS	DATE
DESIGN	DATE
BY DLH	DATE 12/01
DRAWN BY MMH	DATE 12/01
CHECKED BY DMG	DATE 12/01

SCANNED BY
MESA REPRO



NOTES

1. ALL STATIONING IS CENTERLINE STATIONING.

SANITARY SEWER SERVICES				
BLOCK	LOT	STATION AT PUE	INV. ELEV. AT PUE	LENGTH AT PUE
14	1	10+60.29	27.52'	33.00'
14	2	11+33.85	26.97'	33.00'
14	3	12+05.23	26.43'	33.00'
14	4	12+76.61	25.93'	33.00'
14	5	13+47.99	26.22'	33.00'
14	6	14+22.27	26.35'	33.00'
14	7	14+93.02	26.23'	33.00'
14	8	15+66.69	26.27'	33.00'
14	9	16+40.35	26.84'	33.00'
14	10	17+09.54	27.37'	33.00'
20	1	18+66.49	28.37'	33.00'
20	2	19+25.57	28.04'	33.00'

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

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

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

RESTRAINED JOINT LENGTH FOR TEES (FT.)

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

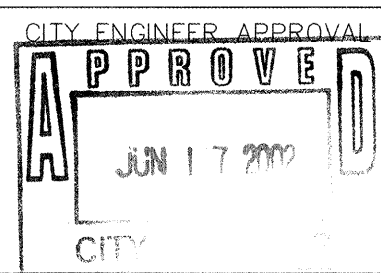
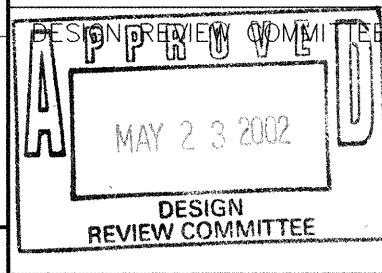


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CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT

TITLE: **VISTA DEL NORTE - UNITS 1A & 1B
CALLE MONTANA
UTILITY IMPROVEMENTS**



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

CITY PROJECT NO.

ZONE MAP NO.

SHEET OF

682683

D-16

20 28

A1005VDN/UNIT1AB/A1005UP-1/04-22-02/ACH

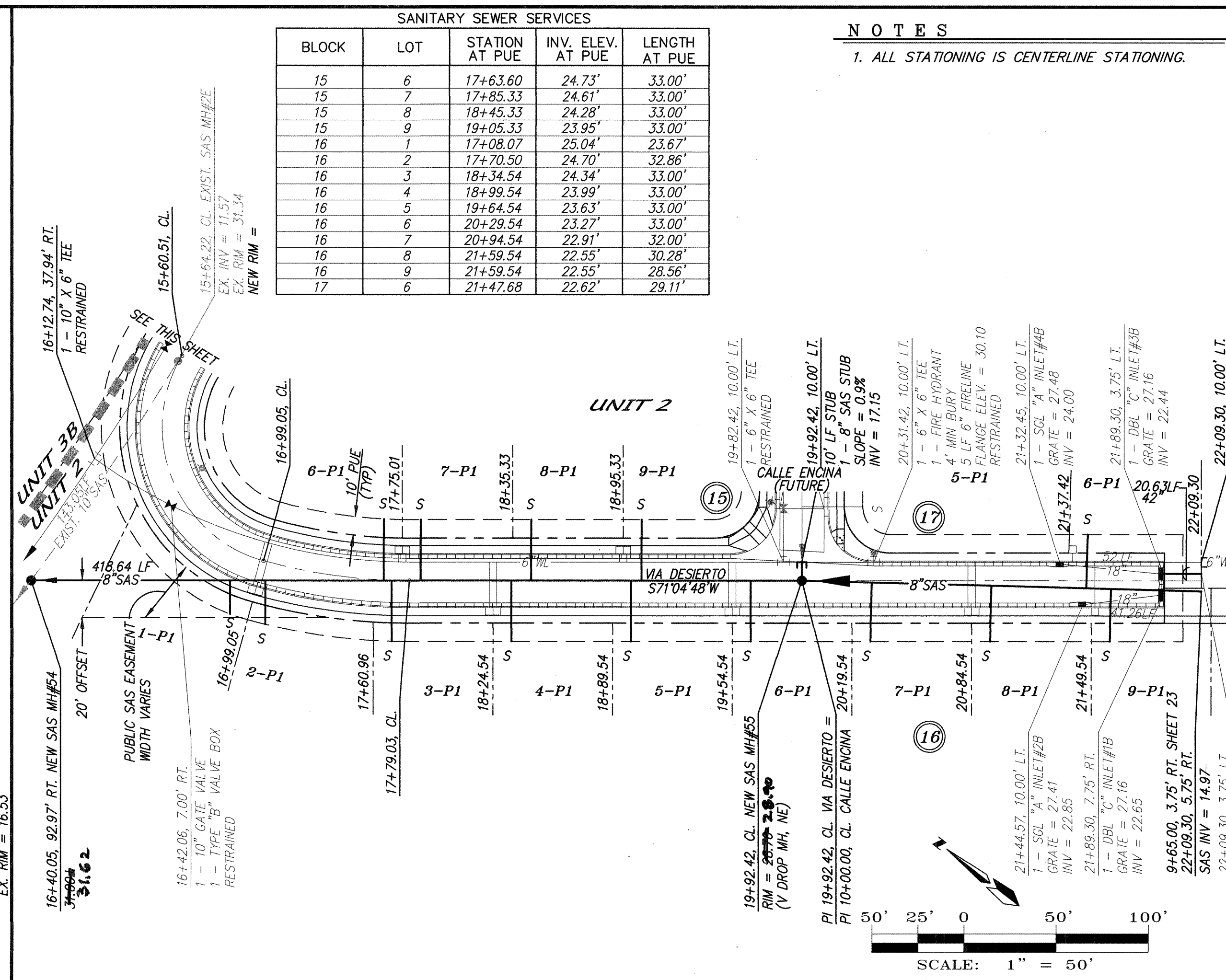
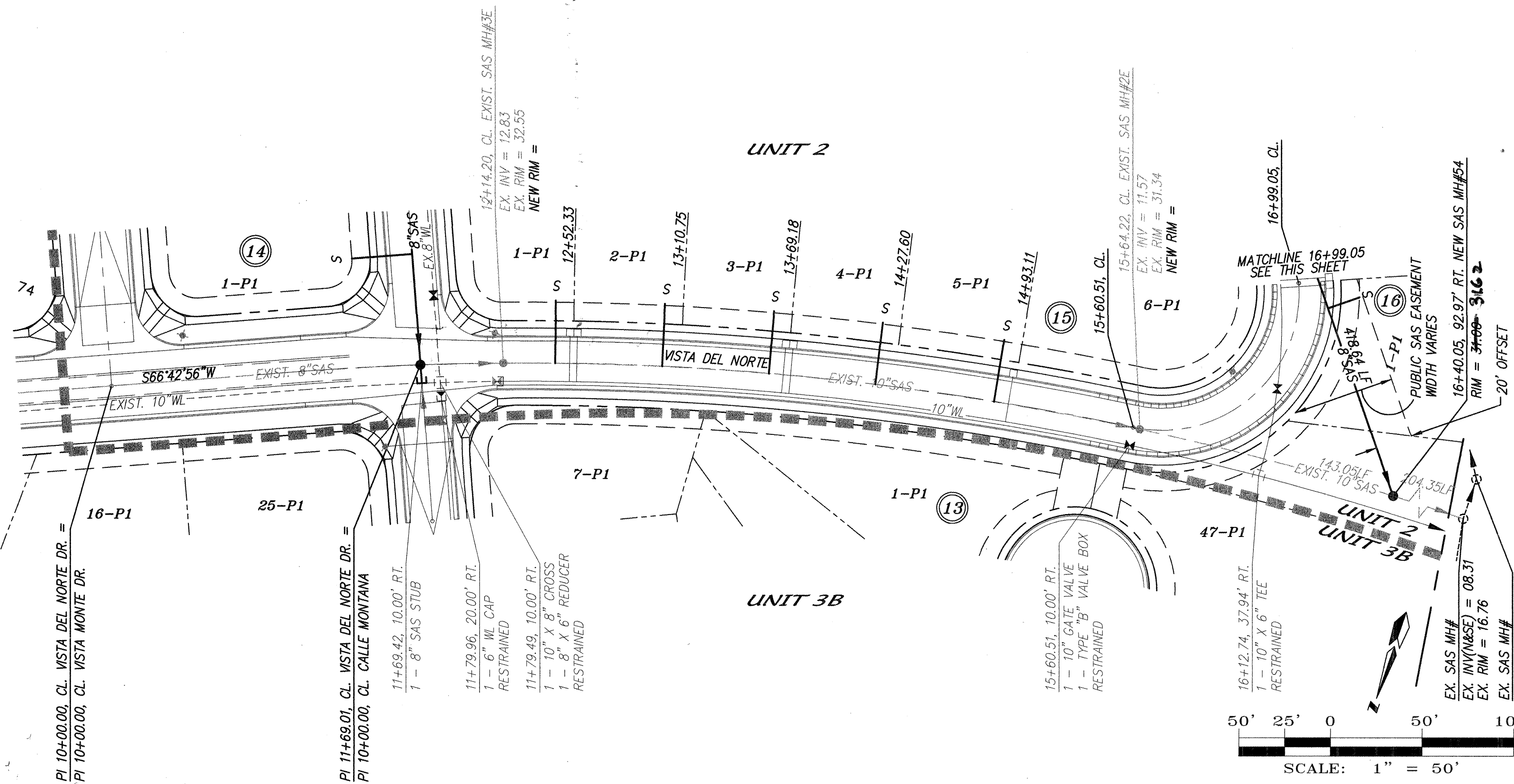
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WORK BY	ACH
INSPECTOR'S	DATE 11/03
ACCEPTANCE BY	DATE 11/03
VERIFICATION BY	DATE 11/03
DRAWINGS	DATE 11/03
CORRECTIONS	DATE 11/03
MICRO-FILM INFORMATION	
RECORDED BY	DATE
NO.	DATE

SURVEY INFORMATION	
FIELD NOTES	DATE
BY	DATE
NO.	DATE

ENGINEER'S SEAL	
NO.	DATE
REMARKS	DATE
DESIGN	DATE
BY	DATE
DATE	DATE
DATE	DATE



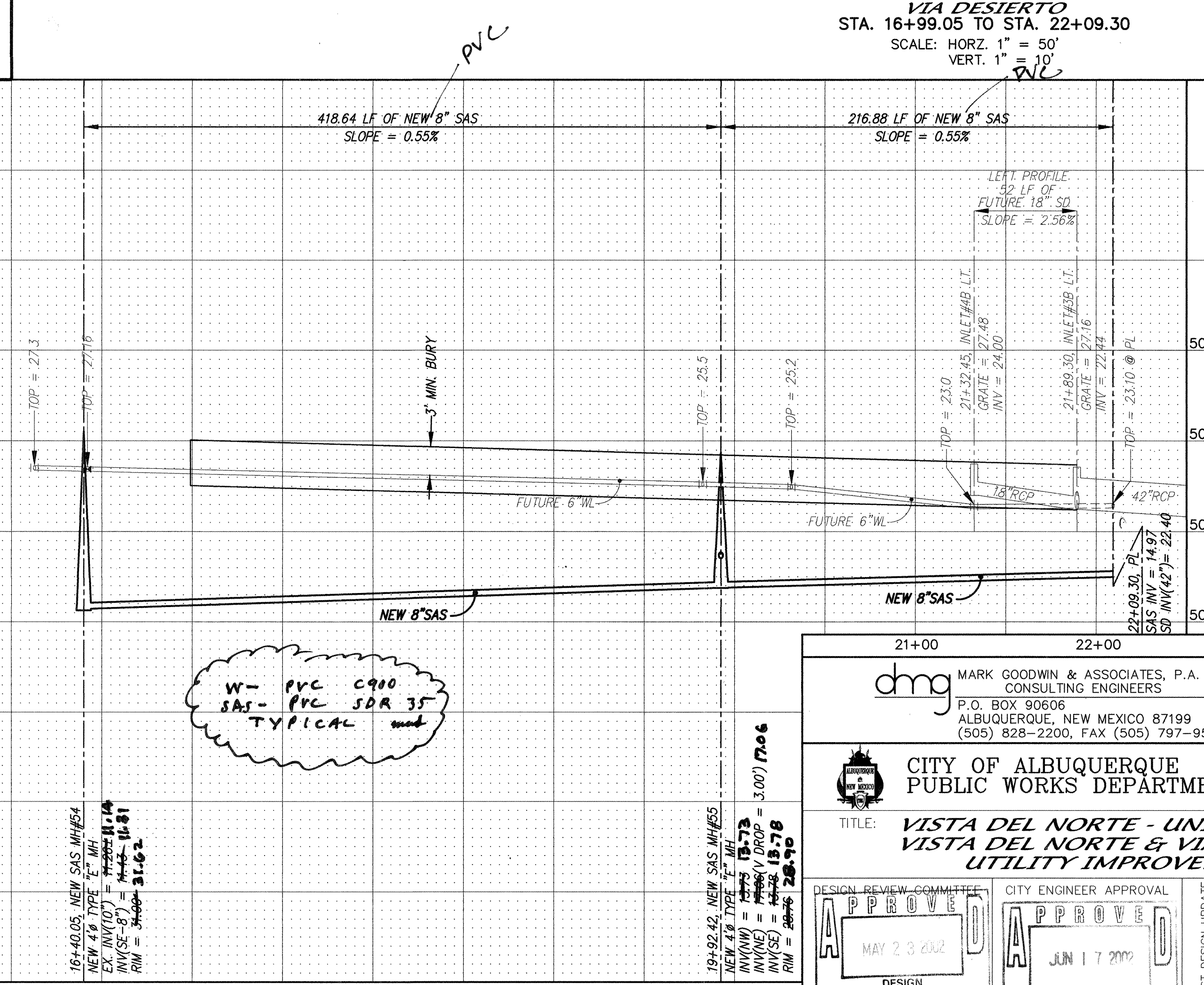
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MESA REPRO



SANITARY SEWER SERVICES				
BLOCK	LOT	STATION AT PUE	INV. ELEV. AT PUE	LENGTH AT PUE
15	6	17+63.60	24.73'	33.00'
15	7	17+85.33	24.61'	33.00'
15	8	18+45.33	24.28'	33.00'
15	9	19+05.33	23.95'	33.00'
16	1	17+08.07	25.04'	23.67'
16	2	17+70.50	24.70'	32.86'
16	3	18+34.54	24.34'	33.00'
16	4	18+99.54	23.99'	33.00'
16	5	19+64.54	23.63'	33.00'
16	6	20+29.54	23.27'	33.00'
16	7	20+94.54	22.91'	32.00'
16	8	21+59.54	22.55'	30.28'
16	9	21+59.54	22.55'	28.56'
17	6	21+47.68	22.62'	29.11'

NOTES
1. ALL STATIONING IS CENTERLINE STATIONING.

FUTURE CONSTRUCTION



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CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT

TITLE: VISTA DEL NORTE - UNITS 1A & 1B
VISTA DEL NORTE & VIA DESIERTO
UTILITY IMPROVEMENTS

DESIGN REVIEW COMMITTEE
APPROVED MAY 23 2002
DESIGN REVIEW COMMITTEE

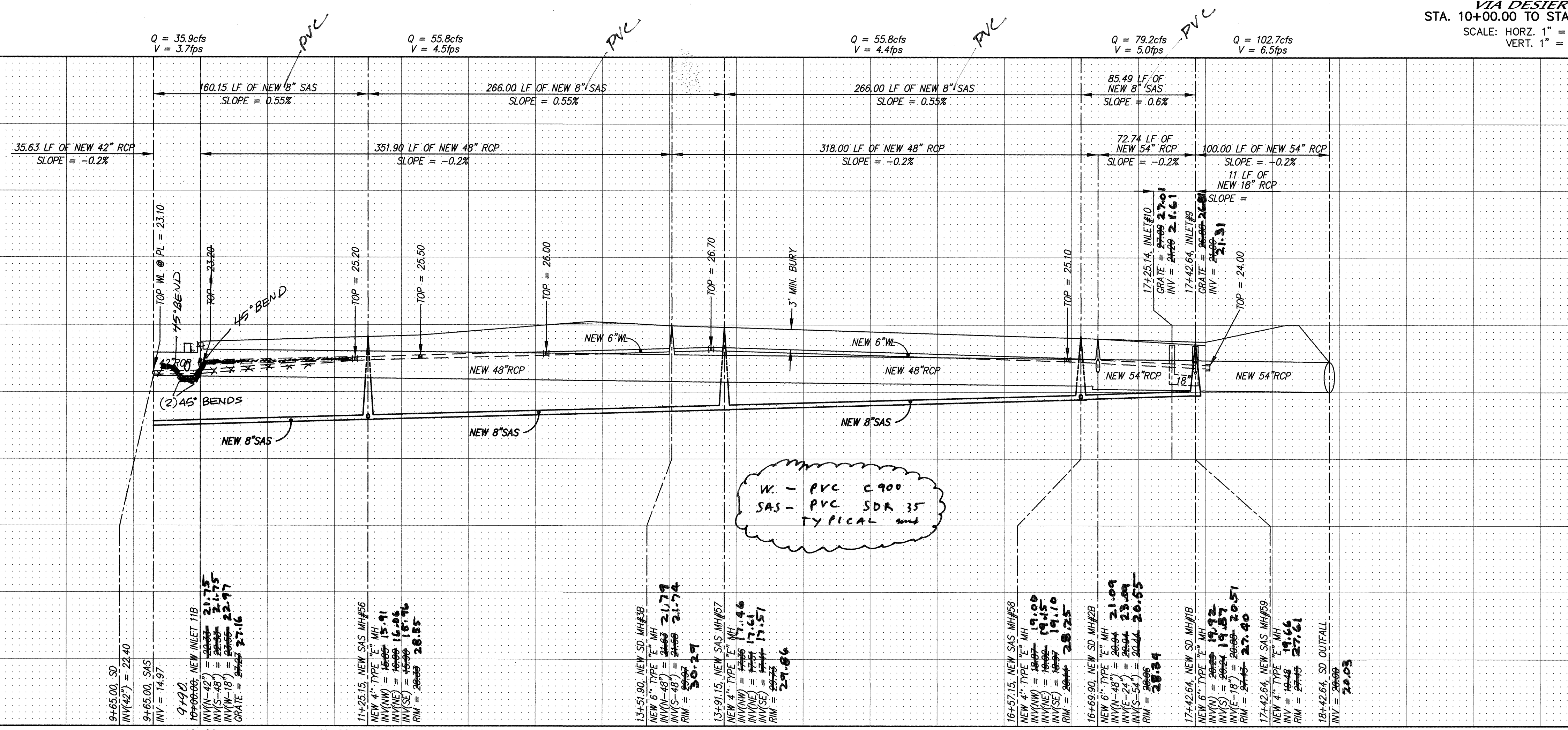
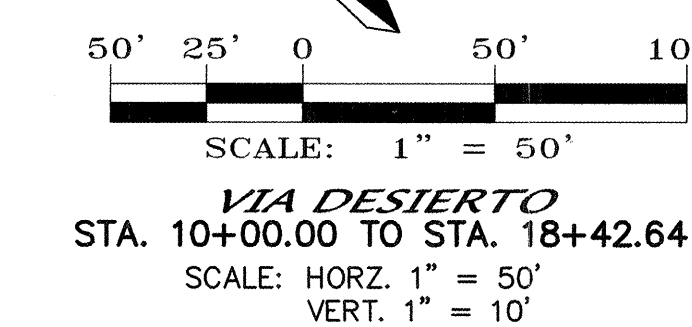
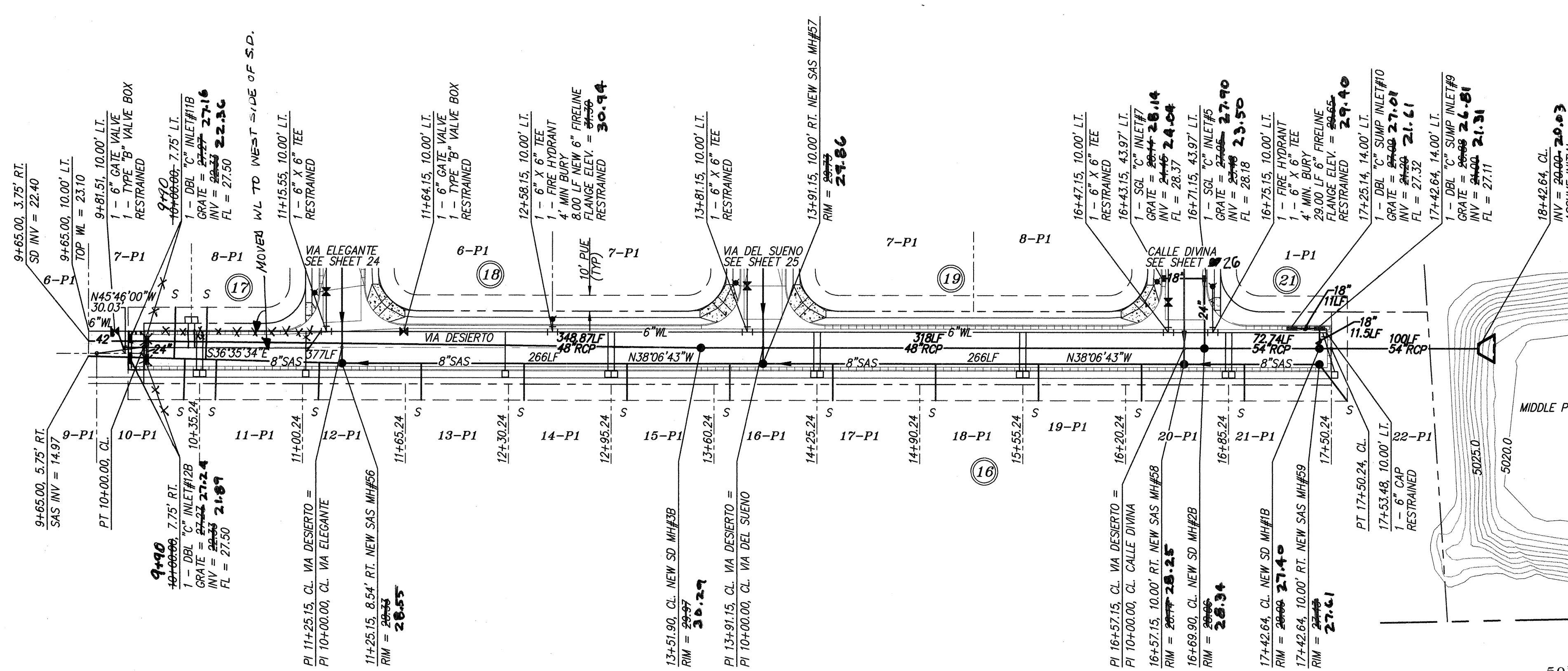
CITY ENGINEER APPROVAL
APPROVED JUN 17 2002
CITY ENGINEER

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

DESIGNED BY DLH DATE 01/02
DRAWN BY ACH DATE 01/02
CHECKED BY DMG DATE 01/02

CITY PROJECT NO. 682683
ZONE MAP NO. D-16
SHEET 22 OF 28

SCANNED BY
MESA REPRO

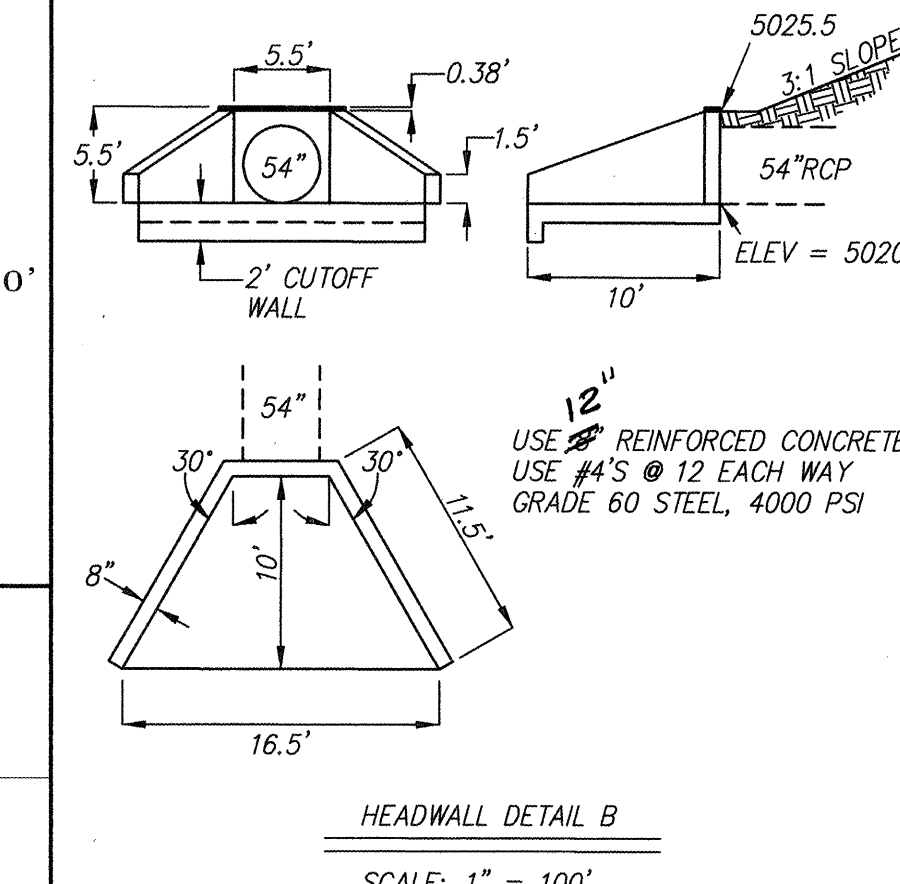


NOTES
1. ALL STATIONING IS CENTERLINE STATIONING.

SANITARY SEWER SERVICES				
BLOCK	LOT	STATION AT PUE	INV. ELEV. AT PUE	LENGTH AT PUE
16	10	10+25.54	22.65'	25.64'
16	11	10+45.24	22.77'	25.11'
16	12	11+10.24	23.16'	23.39'
16	13	11+75.24	23.65'	23.00'
16	14	12+40.24	24.70'	23.00'
16	15	13+05.24	25.35'	23.00'
16	16	13+70.24	24.78'	23.00'
16	17	14+35.24	24.39'	23.00'
16	18	15+00.24	24.00'	23.00'
16	19	15+65.24	23.61'	23.00'
16	20	16+30.24	23.22'	23.00'
16	21	16+95.24	22.68'	23.00'
16	22	17+42.64	22.11'	28.96'
17	7	10+20.00	22.62'	32.20'
17	8	10+40.00	22.74'	32.73'

RESTRAINED JOINT LENGTH FOR BENDS, VALVES, DEAD ENDS (FT.)				
PIPE SIZE	90°	45°	22.5°	11.25° VALVE
6"	17'	7'	-	46'

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



SUMMARY TABLE STORM SEWER HYDRAULICS		
LOCATION	HGL	GRATE/RIM
MH 1B	24.88	28.09
MH 2B	25.03	28.06
MH 3B	25.53	29.97
INL 9B	25.18	26.88
INL 10B	25.50	27.09
INL 11B	26.03	27.27
INL 12B	26.22	27.27

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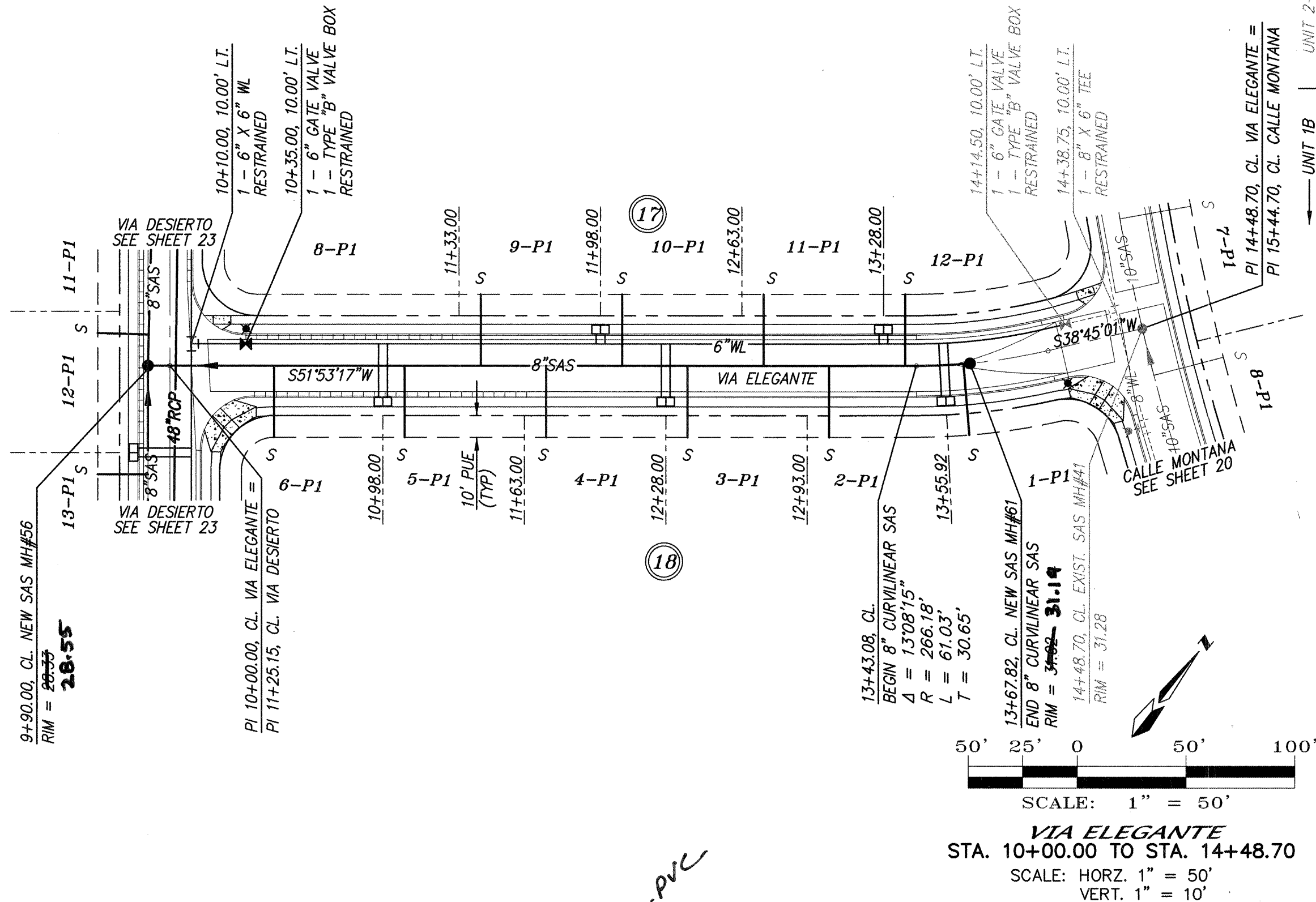
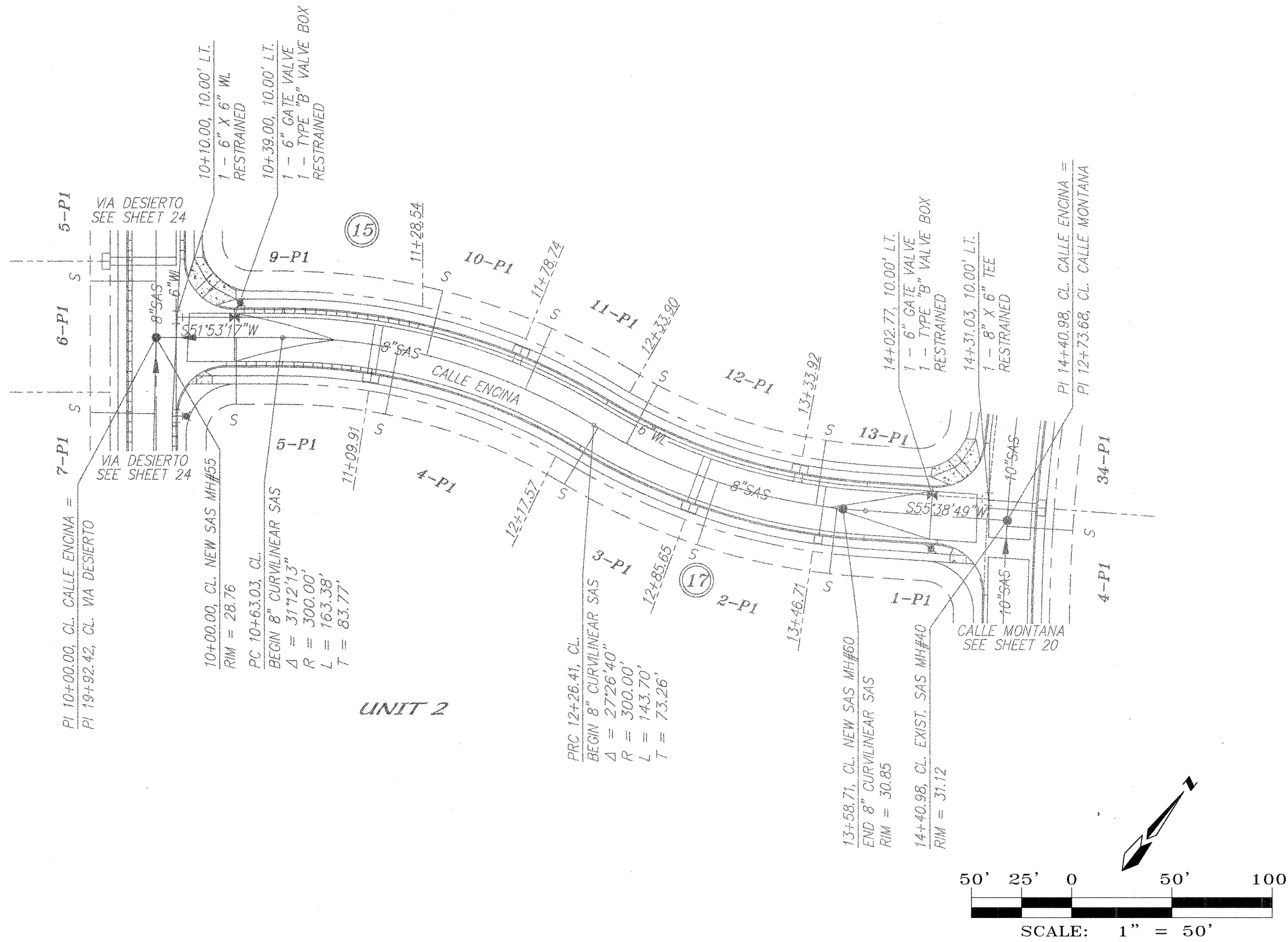
CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT

TITLE: **VISTA DEL NORTE - UNITS 1A & 1B
VIA DESIERTO
UTILITY IMPROVEMENTS**

DESIGN REVIEW COMMITTEE MAY 23 2002	CITY ENGINEER APPROVAL JUN 17 2002	MO./DAY/YR.	MO./DAY/YR.
DESIGNED BY DLH	DATE 01/02	CHECKED BY DMG	DATE 01/02

SCANNED BY
MESA REPRO

FOR INFORMATION ONLY



NOTES

1. ALL STATIONING IS CENTERLINE STATIONING.

SANITARY SEWER SERVICES				
BLOCK	LOT	STATION AT PUE	INV. ELEV. AT PUE	LENGTH AT PUE
15	10	11+35.79	24.16'	33.00'
15	11	11+87.75	24.47'	33.00'
15	12	12+45.14	24.82'	33.00'
15	13	13+94.17	25.72'	33.00'
17	1	14+02.18	25.77'	33.00'
17	2	12+94.66	25.12'	33.00'
17	3	12+28.96	24.72'	33.00'
17	4	11+21.15	24.07'	33.00'
17	5	10+40.00	23.57'	33.00'
17	9	11+43.00	24.08'	33.00'
17	10	12+08.00	24.52'	33.00'
17	11	12+73.00	24.97'	33.00'
17	12	14+10.30	26.97'	33.00'
18	1	14+02.23	25.85'	33.00'
18	2	13+03.00	25.17'	33.00'
18	3	12+38.00	24.73'	33.00'
18	4	11+73.00	24.28'	33.00'
18	5	11+08.00	23.84'	33.00'
18	6	10+48.00	23.43'	33.00'

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

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

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

RESTRAINED JOINT LENGTH FOR TEES (FT.)

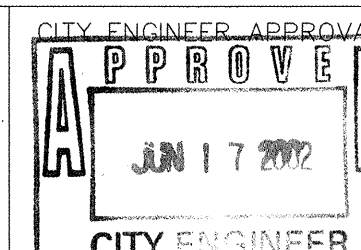
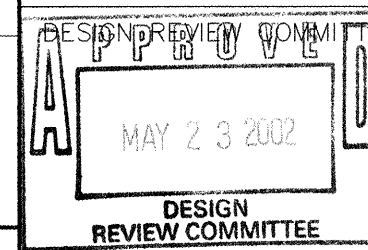
PIPE SIZE	RUN	BRANCH
6"x6"x6"	10'	2'
8"x8"x6"	7'	5'

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



CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT

TITLE: VISTA DEL NORTE - UNITS 1A & 1B
CALLE ENCINA & VIA ELEGANTE
UTILITY IMPROVEMENTS



CITY PROJECT NO.

ZONE MAP NO.

SHEET OF

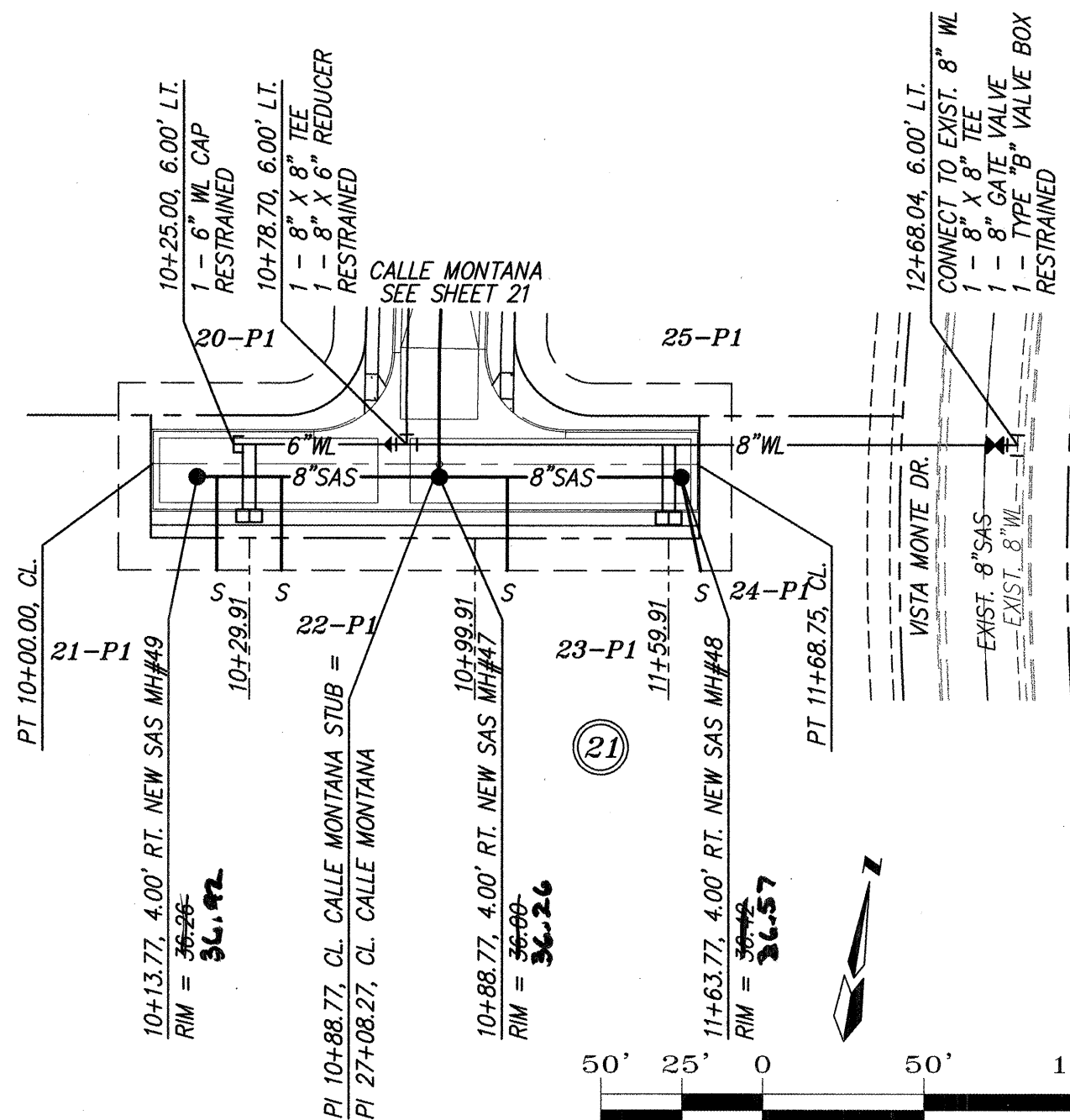
682683

D-16

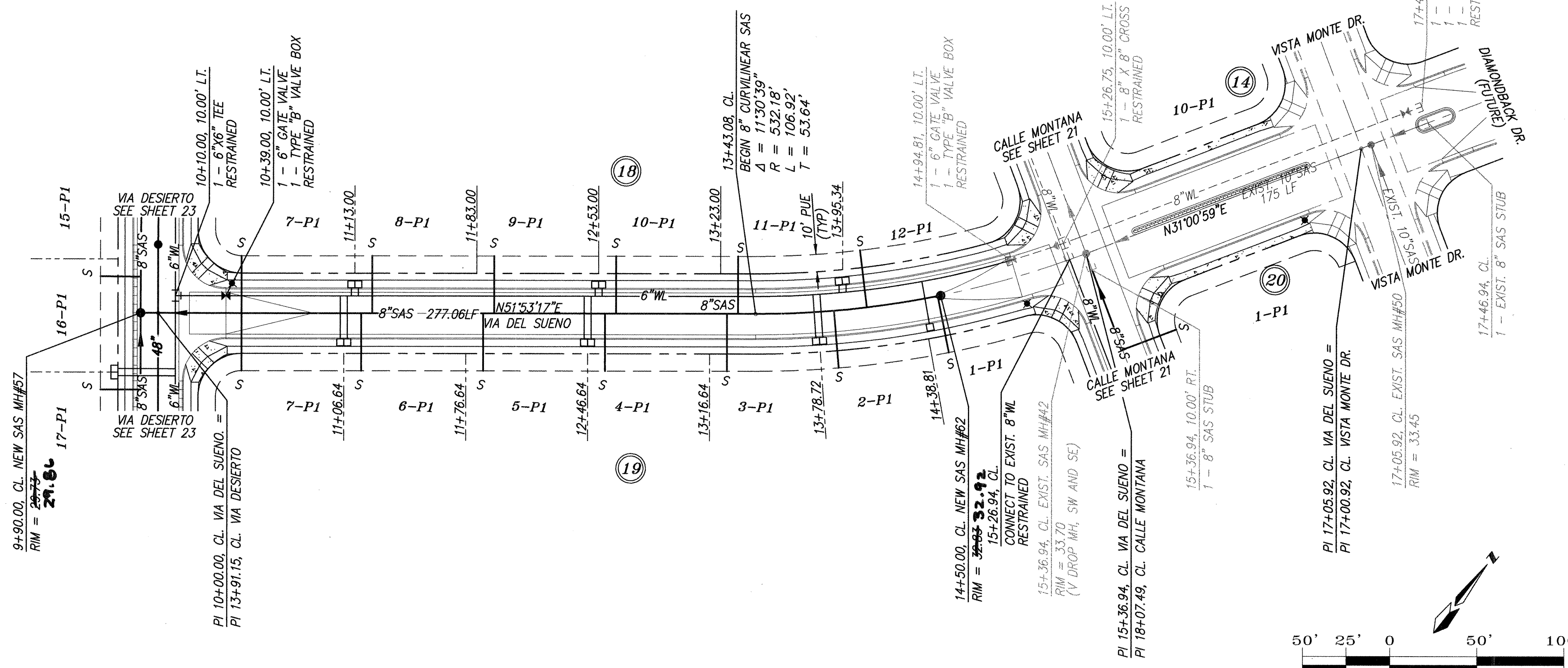
24 28

A1005VDN/UNIT1AB/A1005UP-5/04-22-02/ACH

SCANNED BY
MESA REPRO



CALLE MONTANA STUB RD.
STA. 10+00.00 TO STA. 11+68.75
SCALE: HORZ. 1" = 50'
VERT. 1" = 10'



VIA DEL SUENO
STA. 10+00.00 TO STA. 17+05.92
SCALE: HORZ. 1" = 50'
VERT. 1" = 10'

75.00 LF OF NEW 8" SAS
SLOPE = -0.6%

75.00 LF OF NEW 8" SAS
SLOPE = 0.6%

460.00 LF OF NEW 8" SAS
SLOPE = 1.157%

175 LF OF EXIST. 10" SAS
SLOPE = 0.3%

W - PVC C 900
SAS - PVC SDR 35
TYPICAL

NOTES

1. ALL STATIONING IS CENTERLINE STATIONING.

SANITARY SEWER SERVICES				
BLOCK	LOT	STATION AT PUE	INV. ELEV. AT PUE	LENGTH AT PUE
18	7	10+48.00	24.86'	33.00'
18	8	11+23.00	25.44'	33.00'
18	9	11+93.00	25.89'	33.00'
18	10	12+63.00	26.34'	33.00'
18	11	13+33.00	26.80'	33.00'
18	12	14+07.12	27.27'	33.00'
19	1	14+48.22	27.54'	33.00'
19	2	13+88.13	27.15'	33.00'
19	3	13+26.64	26.75'	33.00'
19	4	12+56.64	26.30'	33.00'
19	5	11+86.64	25.85'	33.00'
19	6	11+16.64	25.40'	33.00'
19	7	10+48.00	24.86'	33.00'
21	21	10+19.91	31.08'	29.00'
21	22	10+39.91	30.96'	29.00'
21	23	11+09.91	30.96'	29.64'
21	24	11+69.91	31.32'	31.32'

RESTRAINED JOINT LENGTH FOR BENDS, VALVES, DEAD ENDS (FT.)					
PIPE SIZE	90°	45°	22.5°	11.25°	VALVE
6"	17'	7'	-	-	46'
8"	22'	9'	4'	2'	60'

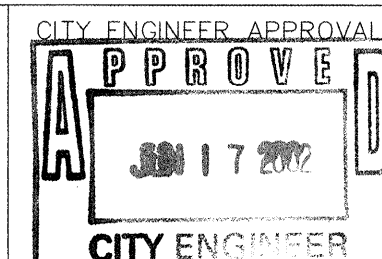
LENGTH OF RESTRAINED PIPE ON EACH SIDE OF THE BEND. RESTRAIN BRANCH AT FITTING ONLY MINIMUM ATTACHED PIPE LENGTH, RUN SIDE OF TEE: 10.00 FEET.

RESTRAINED JOINT LENGTH FOR TEES (FT.)		
PIPE SIZE	RUN	BRANCH
6"x6"x6"	10'	2'

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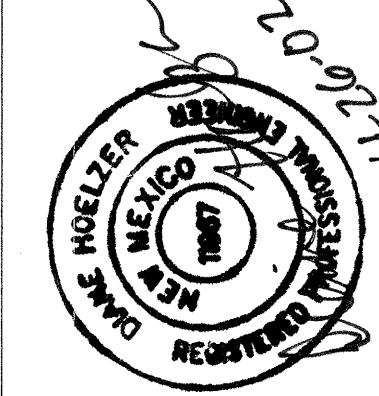
CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT

TITLE: VISTA DEL NORTE - UNITS 1A AND 1B
VIA DEL SUENO & CALLE MONTANA STUB RD.
UTILITY IMPROVEMENTS

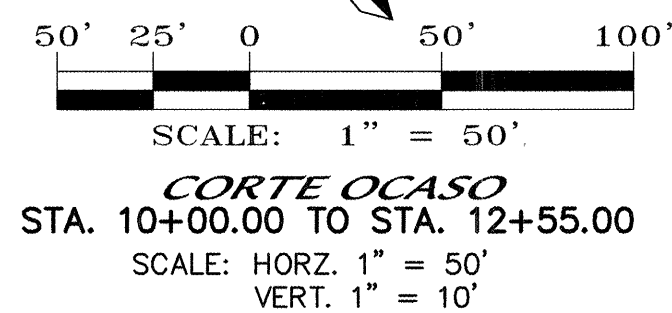
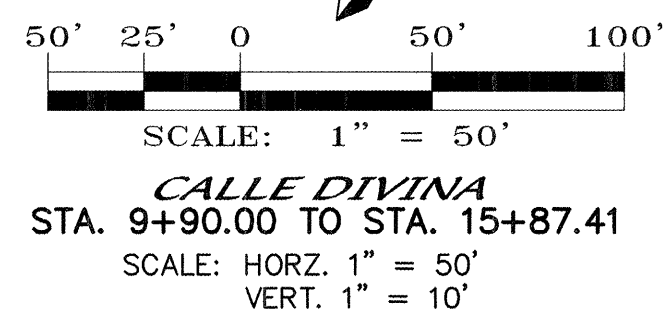


CITY PROJECT NO. 682683 ZONE MAP NO. D-16 SHEET 25 OF 28

AS BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		ENGINEER'S SEAL	
CONTRACTOR	Sundave	ACCS BRASS CAP STAMPED "MA-9"	LOCATED IN SOUTHEAST QUADRANT OF PASEO DEL NORTE & NORTH DIVISION CHANNEL INTERSECTION.	FIELD NOTES	DATE	NO.	DATE
WORK BY	AIS	NO.					
INSPECTOR'S							
ACCEPTANCE BY	0. Jan 1992						
DATE	11/01/92						
VERIFICATION BY	AIS						
DATE	11/01/92						
DRAWING BY	AIS						
CHECKED BY							
MICRO-FILM INFORMATION							
RECORDED BY							
NO.							



REVISIONS	BY	DATE
DESIGN	DLH	01/02
	ACH	01/02
	DMG	01/02



W - PVC C900
SAS - PVC SDR 35
TYPICAL mod

RESTRAINED JOINT LENGTH FOR BENDS, VALVES, DEAD ENDS (FT.)					
PIPE SIZE	90°	45°	22.5°	11.25°	VALVE
6"	17'	7'	—	—	46'

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

RESTRAINED JOINT LENGTH FOR TEES (FT.)		
PIPE SIZE	RUN	BRANCH
6" x 6" x 6"	10'	2'

LOCATION	HGL	GRATE/RIM
MH 2B	25.03	28.06
INL5B	25.58	27.95
INL6B	25.98	28.25
INL7B	26.05	28.14
INL8B	26.34	28.47

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(505) 828-2200 FAX (505) 797-9530

 CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT

TITLE: **VISTA DEL NORTE - UNIT
CALLE DIVINA & CORT
UTILITY IMPROVEM**

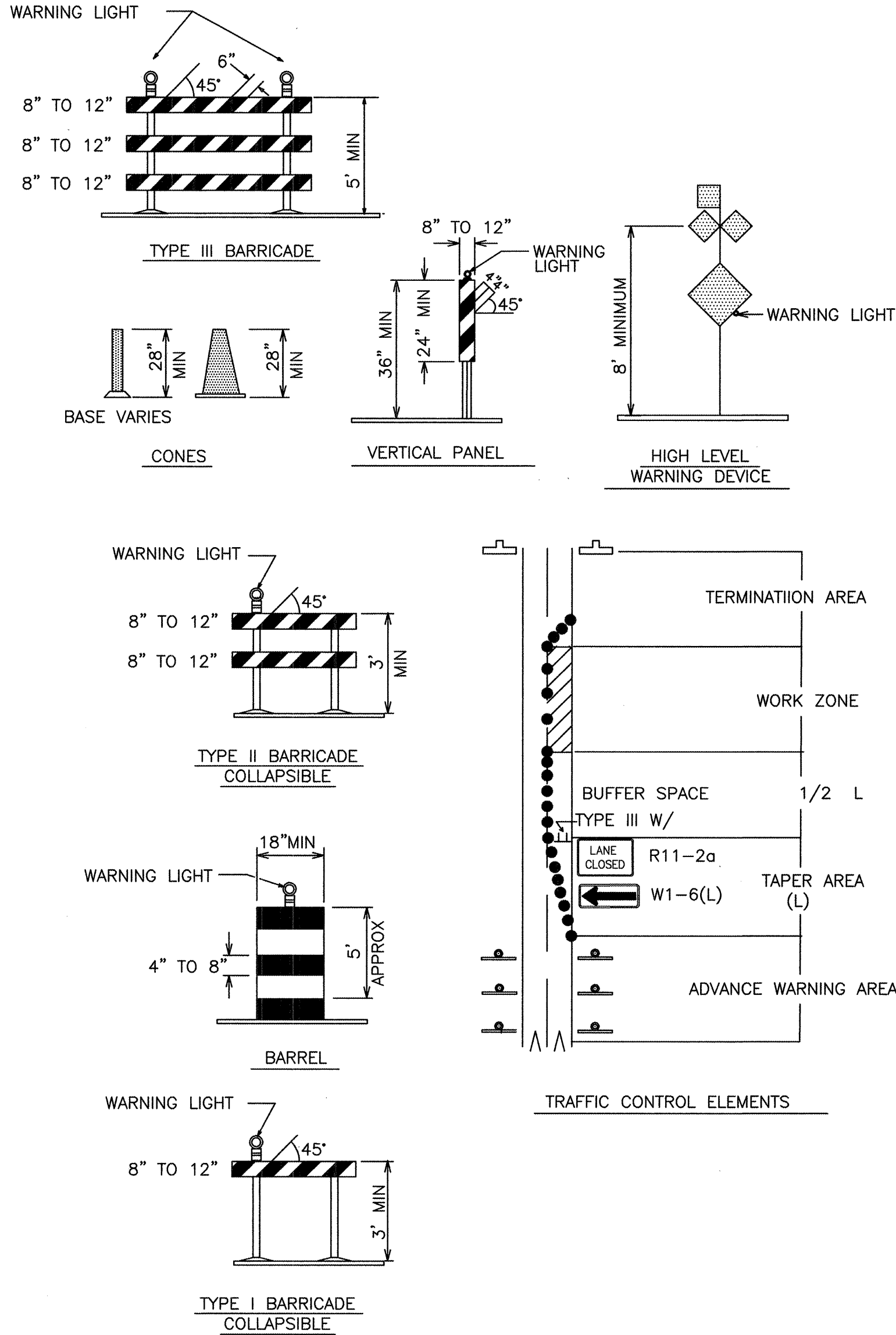
ENGINEER'S SEAL		SURVEY INFORMATION		BENCH MARKS		AS BUILT INFORMATION	
		FIELD NOTES					
		NO.	BY	DATE			
		ACS BRASS CAP STAMPED "MA-9" LOCATED IN SOUTHEAST QUADRANT OF PASEO DEL NORTE & NORTH DIVERSION CHANNEL INTERSECTION. GEOGRAPHIC POSITION (NAD 1927) IN FEET N.M. STATE PLANE COORDINATES (CENTRAL ZONE) $X = 394,134.18$ $Y = 1,518,711.30$ ELEVATION = 5069.27 (NGVD 1929), IN FEET					
		CONTRACTOR: Sundance WORK STAGED BY: AIS DATE: 11/63 ACCEPTANCE BY: D. J. ... DATE: 12/63 FIELD VERIFICATION BY: AIS DATE: 1963 DRAININGS CORRECTED BY: AIS MICRO-FILM INFORMATION RECORDED BY: DATE: NO.					
		DESIGNED BY: DLH DATE: 01/02 DRAWN BY: ACH DATE: 01/02 CHECKED BY: DMG DATE: 01/02					

CONSTRUCTION TRAFFIC CONTROL GENERAL NOTES

1. CONTRACTOR MUST OBTAIN FROM CONSTRUCTION COORDINATION AN EXCAVATION/BARRICADING PERMIT BEFORE ENGAGING IN ANY CONSTRUCTION, MAINTENANCE OR REPAIR WORK IN ANY OF THE CITY OF ALBUQUERQUE'S RIGHTS-OF-WAY. EMERGENCY WORK THAT WOULD PRESERVE LIFE OR PROPERTY IS EXCLUDED WITH THE UNDERSTANDING, THAT A PERMIT SHALL BE OBTAINED WITHIN 24 TO 48 HOURS.
2. CONTRACTOR SHALL AT THE TIME OF PERMIT REQUEST, SUBMIT FOR APPROVAL BY CONSTRUCTION COORDINATION, A TRAFFIC CONTROL PLAN DETAILING ALL EXISTING TOPOGRAPHY SUCH AS LANE WIDTHS, DRIVEWAYS, AND BUSINESS/RESIDENTIAL ACCESSES. THE TRAFFIC CONTROL PLAN SHALL INCLUDE ALL PHASES OF WORK AND SCHEDULES INVOLVED IN THE CONSTRUCTION PROJECT. ANY SEPERATE PHASES OF A CONSTRUCTION PROJECT SHALL BE GIVEN AN INDIVIDUAL PERMIT EACH. BLANKET PERMITS WILL NOT BE ISSUED.
3. THESE TYPICAL TRAFFIC CONTROL PLANS DO NOT REFLECT THE EXISTING TOPOGRAPHY SUCH AS DRIVEWAYS, LANE WIDTHS, AND BUSINESS/RESIDENTIAL ACCESSES. EVERY LOCATION THAT REQUIRES CONSTRUCTION TRAFFIC CONTROL SHALL HAVE A DETAILED TRAFFIC CONTROL PLAN SHOWING ALL EXISTING TOPOGRAPHY.
4. CONSTRUCTION SHALL NOT BEGIN UNLESS A TRAFFIC CONTROL PLAN HAS BEEN APPROVED AND VERIFIED BY CONSTRUCTION COORDINATION.
5. CONSTRUCTION COORDINATION SHALL BE NOTIFIED 48 HOURS PRIOR TO ANY TRAFFIC CONTROL CHANGES NEEDED BY CONTRACTOR, THAT WERE NOT PREVIOUSLY APPROVED. THESE TRAFFIC CONTROL CHANGES SHALL BE REQUESTED IN WRITING ACCOMPANIED WITH A TRAFFIC CONTROL PLAN REFLECTING SUCH CHANGES.
6. ALL CONSTRUCTION TRAFFIC CONTROL DEVICES SHALL COMPLY TO THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), LATEST EDITION. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO INSTALL, SERVICE AND MAINTAIN ALL TRAFFIC CONTROL DEVICES. TRAFFIC CONTROL DEVICES SHALL NOT BE REMOVED OR ALTERED IN ANY WAY WITHOUT THE APPROVAL OF CONSTRUCTION COORDINATION, PER SECTION 6A-4 OF THE MUTCD, LATEST EDITION.
7. THE CONSTRUCTION TRAFFIC CONTROL INITIAL SET-UP SHALL BE BY AN AMERICAN TRAFFIC SAFETY SERVICES ASSOCIATION (ATSSA) CERTIFIED WORKSITE TRAFFIC SUPERVISOR. THE MAINTENANCE AND SERVICING SHALL ALSO BE DONE BY AN ATSSA CERTIFIED WORKSITE TRAFFIC SUPERVISOR OR EQUIVALENT.
8. CONTRACTOR IS RESPONSIBLE TO MAINTAIN AND SERVICE ALL TRAFFIC CONTROL DEVICES 24 HOURS A DAY, 7 DAYS A WEEK THROUGHOUT LENGTH OF PROJECT. CONTRACTOR IS RESPONSIBLE THAT ALL TRAFFIC CONTROL DEVICES COMPLY WITH THE MUTCD, LATEST EDITION.
9. ALL ADVANCE WARNING SIGNS SHALL BE DOUBLE INDICATED WHENEVER THERE ARE MULTI-LANE TRAFFIC IN ANY ONE GIVEN DIRECTION AND THERE IS SUFFICIENT MEDIAN SPACE.
10. ALL BARRICADES IN ALL TAPERS AND TANGENTS SHALL BE PLACED APART, A DISTANCE MEASURED IN FEET, EQUAL TO THAT OF THE POSTED SPEED LIMIT. NO EXCEPTIONS UNLESS APPROVED BY CONSTRUCTION COORDINATION PER MUTCD SECTION 6A-4.
11. ALL WORK IN ARTERIAL ROADWAYS SHALL BE ON A CONTINUOUS 24 HOUR PER DAY BASIS UNTIL COMPLETED.
12. CONTRACTOR IS RESPONSIBLE TO PROVIDE CONSTRUCTION COORDINATION, A WEEKLY LOG OF DAILY INSPECTIONS OF BARRICADE AND MAINTENANCE SCHEDULES ON PROJECTS THAT ARE OVER ONE WEEK DURATION.
13. EQUIPMENT OR MATERIALS SHALL NOT BE STORED WITHIN 15 FEET OF A TRAVELED TRAFFIC LANE DURING NON-WORKING HOURS WITHOUT THE APPROVAL OF CONSTRUCTION COORDINATION.
14. CONTRACTOR SHALL PROVIDE AND MAINTAIN A SAFE AND ADEQUATE MEANS OF CHANNELIZING PEDESTRIAN TRAFFIC AROUND AND THROUGH THE CONSTRUCTION AREA.
15. CONTRACTOR IS RESPONSIBLE FOR OBLITERATION OF ANY CONFLICTING STRIPING AND RESPONSIBLE FOR ALL TEMPORARY STRIPING.
16. CONTRACTOR SHALL MAINTAIN ACCESS TO ALL FACILITIES, BUSINESSES AND/OR RESIDENTS AT ALL TIMES.
17. CONTRACTOR SHALL PROVIDE ACCESS SIGNS FOR BUSINESSES LOCATED WITHIN THE CONSTRUCTION AREA UNDER THE SUPERVISION OF CONSTRUCTION COORDINATION. EACH ACCESS SIGN SHALL HAVE 5 INCH, WHITE OPAQUE LETTERING ON BLUE REFLECTORIZED BACKGROUND. ACCESS SIGNS SHALL BE CONSIDERED INCIDENTAL TO THE BID AND NOT PART OF THE CONTRACT UNLESS OTHERWISE STATED. NO MORE THAN 3 BUSINESSES SHALL BE LISTED ON A ACCESS SIGN. SHOPPING CENTERS AND MALLS SHALL BE LISTED AS SUCH.
18. ALL ADVANCE WARNING SIGNS SHALL MEET THE MINIMUM REFLECTIVE INTENSITY REQUIREMENTS SET FORTH BY THE CITY OF ALBUQUERQUE. CONSTRUCTION COORDINATION SHALL DETERMINE ALL REQUIREMENTS AND APPROVE OR DISAPPROVE ANY ADVANCE WARNING SIGN PER SECTION 6A-4 OF THE MUTCD, LATEST EDITION.
19. 48 HOURS PRIOR TO OCCUPYING OR CLOSING OF A RIGHT-OF-WAY, CONTRACTOR SHALL NOTIFY: POLICE, FIRE DEPARTMENT, SCHOOLS, HOSPITALS, TRANSIT AUTHORITY, BUSINESSES AND/OR RESIDENTS THAT WILL BE AFFECTED BY THE CONSTRUCTION.
20. ANY FIELD ADJUSTMENTS SHALL BE APPROVED BY CONSTRUCTION COORDINATION.

21. EXCAVATIONS SHALL BE PLATED, TEMPORARILY PATCHED OR RESURFACED PRIOR TO OPENING OF TRAFFIC. A MINIMUM OF 11 FEET SHALL BE PROVIDED FOR TRAFFIC IN ANY GIVEN DIRECTION. CONTRACTOR IS RESPONSIBLE FOR ANY WORK INVOLVED IN SATISFYING THESE REQUIREMENTS.
22. CONTRACTOR SHALL AT ALL TIMES COMPLY WITH THE FOLLOWING:
1. STANDARDS AND REQUIREMENTS SET FORTH IN THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, LATEST EDITION.
 2. THE CITY OF ALBUQUERQUE TRAFFIC CODE, LATEST EDITION.
 3. SECTION 19 OF THE CITY OF ALBUQUERQUE'S STANDARD SPECIFICATIONS FOR PUBLIC WORK CONSTRUCTION, AS WELL AS OTHER SECTIONS.
23. FAILURE TO COMPLY WITH ANY OF THE ABOVE MENTIONED, WILL BE ADEQUATE CAUSE TO CEASE ALL WORK ON ANY CONSTRUCTION PROJECT. WORK WILL NOT RESUME UNTIL ALL REQUIREMENTS ARE ADDRESSED AND APPROVED BY CONSTRUCTION COORDINATION.
24. ALL TRAFFIC CONTROL DEVICES SHALL BE KEPT IN NEW-CLEAN CONDITION, WASHING OF EQUIPMENT IS INCIDENTAL TO IT'S PLACEMENT AND MAINTENANCE.
25. TRAFFIC CONTROL STANDARDS APPLY ONLY WHERE THE CONSTRUCTION TRAFFIC CONTROL PLANS ARE NOT SPECIFIC.

26. ADVANCE WARNING SIGNS SHALL BE 36"x36" MIN. WITH SUPER ENGINEERING GRADE SHEETING OR BETTER. MOUNTING HEIGHT AT TOP OF SIGN SHALL BE THE SAME AS FOR A 48" SIGN AS INDICATED IN THE M.U.T.C.D.
27. CONTRACTOR SHALL MAINTAIN A GRAFFITI-FREE WORKSITE. ALL GRAFFITI SHALL BE PROMPTLY REMOVED FROM ALL EQUIPMENT, BOTH PERMANENT AND TEMPORARY.



LEGEND

- WORK AREA
- BARRICADE - TYPE I, TYPE II, OR BARREL
 - BARRICADE - TYPE III
 - VERTICAL PANEL
 - WARNING SIGN
 - DISTANCE BETWEEN SIGNS - A DISTANCE MEASURED IN FEET EQUAL TO A VALUE OF TEN TIMES THE SPEED LIMIT OF THE STREET
 - FLAGMAN POSITION
 - SPACING BETWEEN BARRICADES - A DISTANCE MEASURED IN FEET EQUAL TO THE STREET LIMIT OF THE STREET
 - TAPER LENGTH - SEE CHART BELOW
- THE TANGENT LENGTH IS EQUAL TO THE TAPER LENGTH FOR A GIVEN STREET.

TAPER REQUIREMENT

SPEED LIMIT (MPH)	TAPER LENGTH(L) (FEET)			MINIMUM NUMBER OF DEVICES FOR TAPER	MAXIMUM DEVICE SPACING IN FEET	
	10' LANE	11' LANE	12' LANE		ALONG TAPER	AFTER TAPER
20	70	75	80	5	20	20
25	105	115	125	6	25	25
30	150	165	180	7	30	30
35	205	225	245	8	35	35
40	270	295	320	9	40	40
45	450	495	540	13	45	45
50	500	550	600	13	50	50
55	550	605	660	13	55	55

RECOMMENDED SIGN SPACING(D) FOR ADVANCE WARNING SIGN SERIES

SPEED LIMIT (MPH)	MINIMUM DISTANCE IN FEET BETWEEN SIGNS	MINIMUM DISTANCE IN FEET FROM LAST SIGN TO TAPER
0-20	10 X SPEED LIMIT	10 X SPEED LIMIT
25-30	10 X SPEED LIMIT	10 X SPEED LIMIT
30-35	10 X SPEED LIMIT	10 X SPEED LIMIT
40-45	10 X SPEED LIMIT	10 X SPEED LIMIT
50-60	10 X SPEED LIMIT	10 X SPEED LIMIT

TAPER CRITERIA

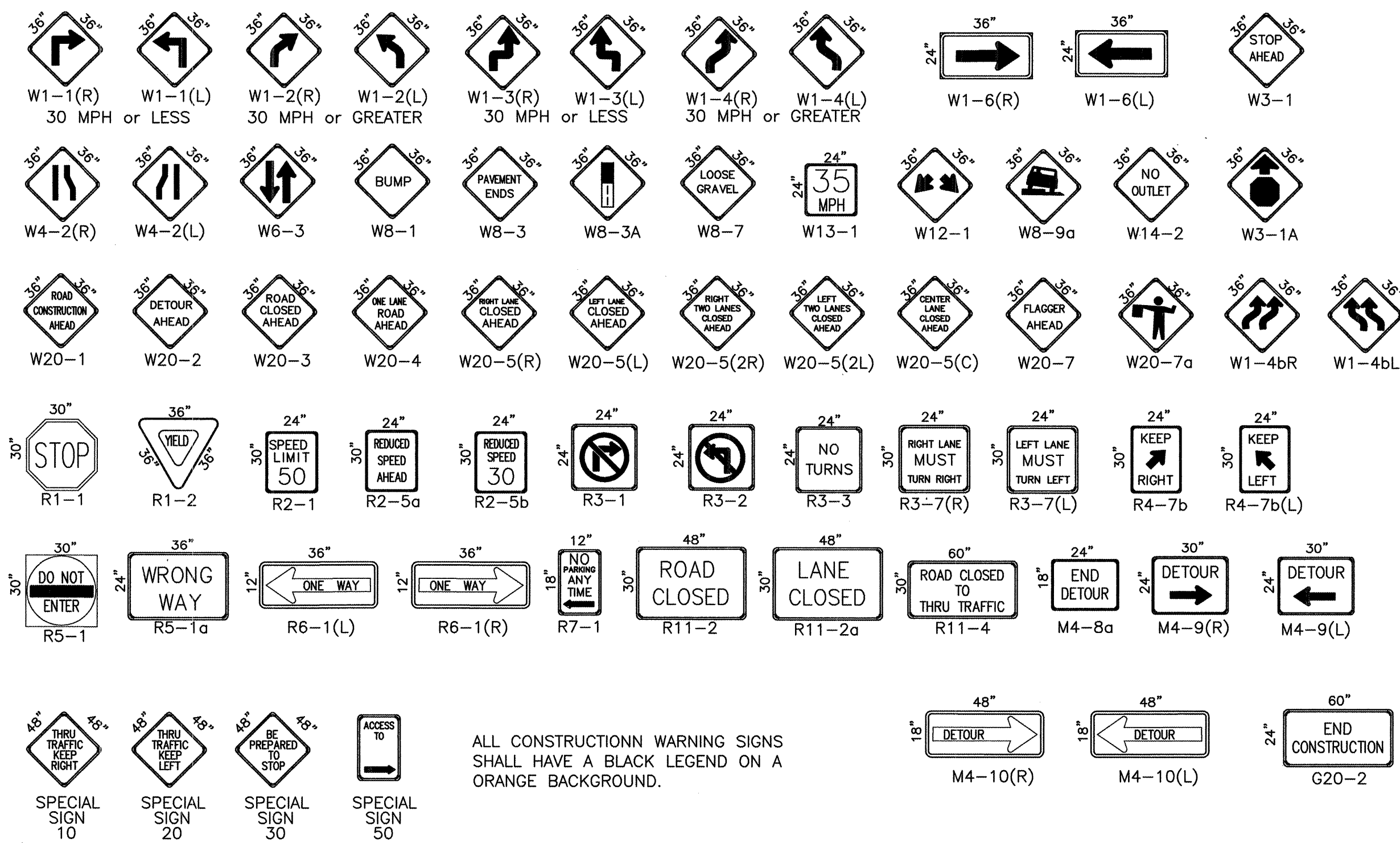
TYPE OF TAPER	TAPER LENGTH
UPSTREAM TAPER:	
MERGING TAPER	L MINIMUM
SHIFTING TAPER	1/2 L MINIMUM
SHOULDER TAPER	1/2 L MINIMUM
TWO-WAY TRAFFIC TAPER	100 FEET MAXIMUM
DOWNSTREAM TAPERS	100 FEET PER LANE

TAPER LENGTH COMPUTATION

SPEED LIMIT	
40 MPH OR LESS	$L = \frac{WS^2}{60}$
40 MPH OR GREATER	$L = W \times S$

L = TAPER LENGTH
W = WIDTH OF OFFSET IN FEET
S = POSTED SPEED OR OFF-PEAK 85-PERCENTILE SPEED IN MPH

SIGN FACE DETAILS



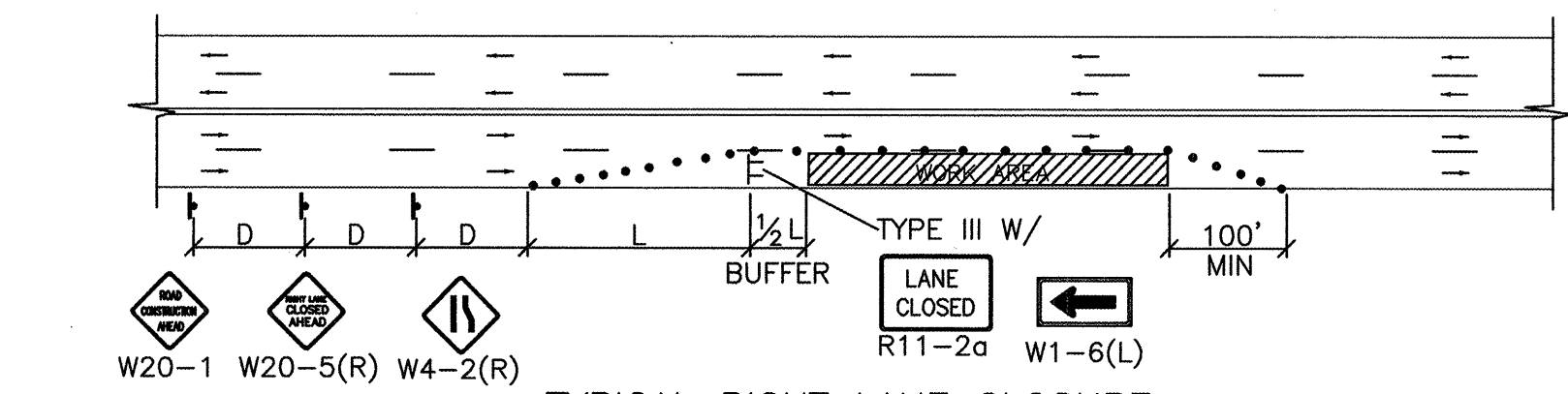
ALL CONSTRUCTION WARNING SIGNS SHALL HAVE A BLACK LEGEND ON A ORANGE BACKGROUND.

C.O.A. STANDARD

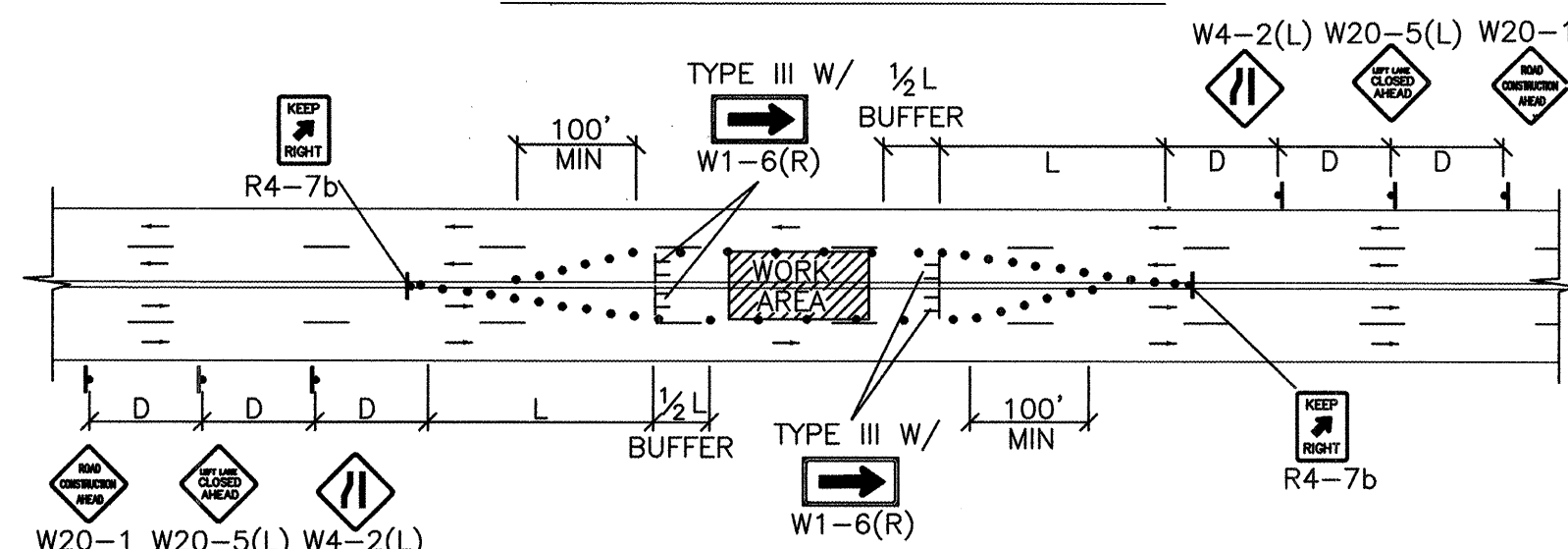
CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING DEVELOPMENT GROUP			
TITLE: VISTA DEL NORTE - UNITS 1A & 1B			
DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	LAST DESIGN UPDATE	
C.O.A. STANDARD	C.O.A. STANDARD	MO./DAY/YR.	
CITY PROJECT NO.	ZONE MAP NO.	SHEET OF	
682683	D-16	27 28	

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MESA REPRO

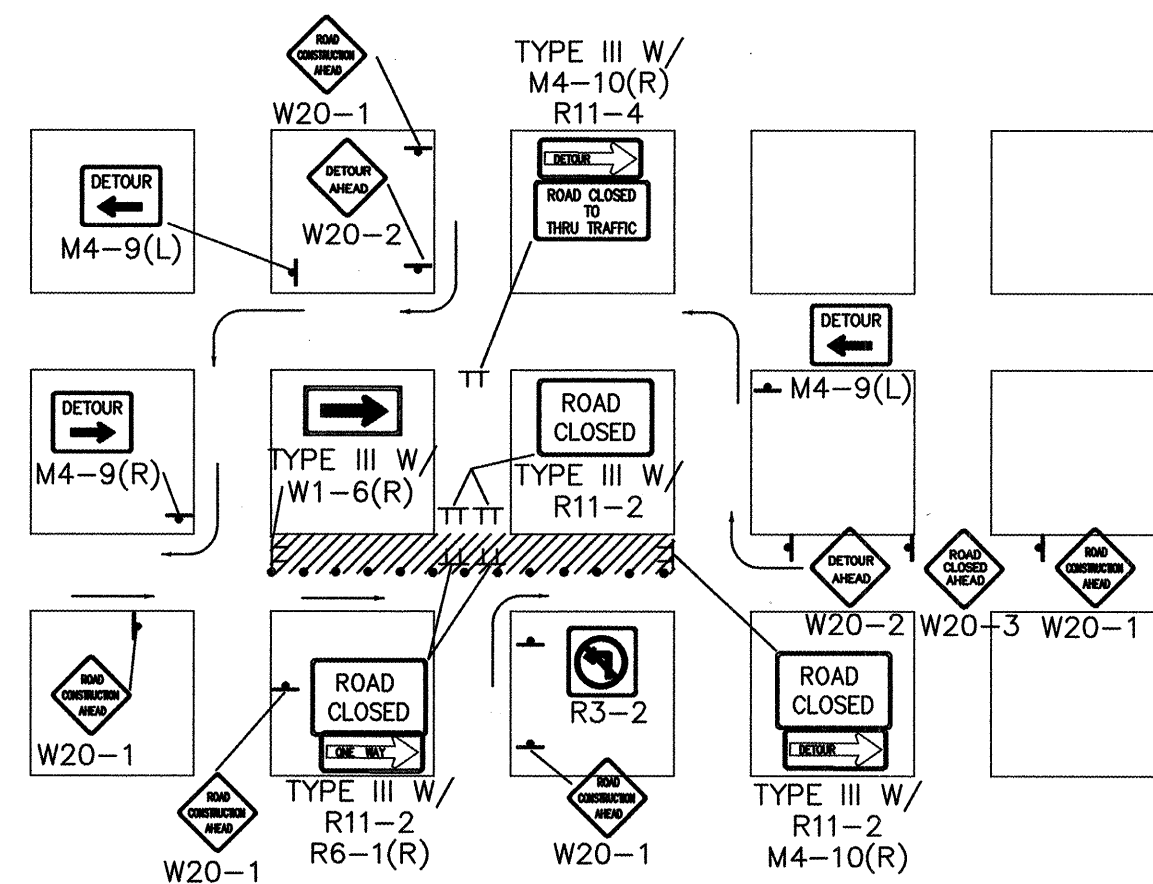
SCANNED BY
MESA REPRO



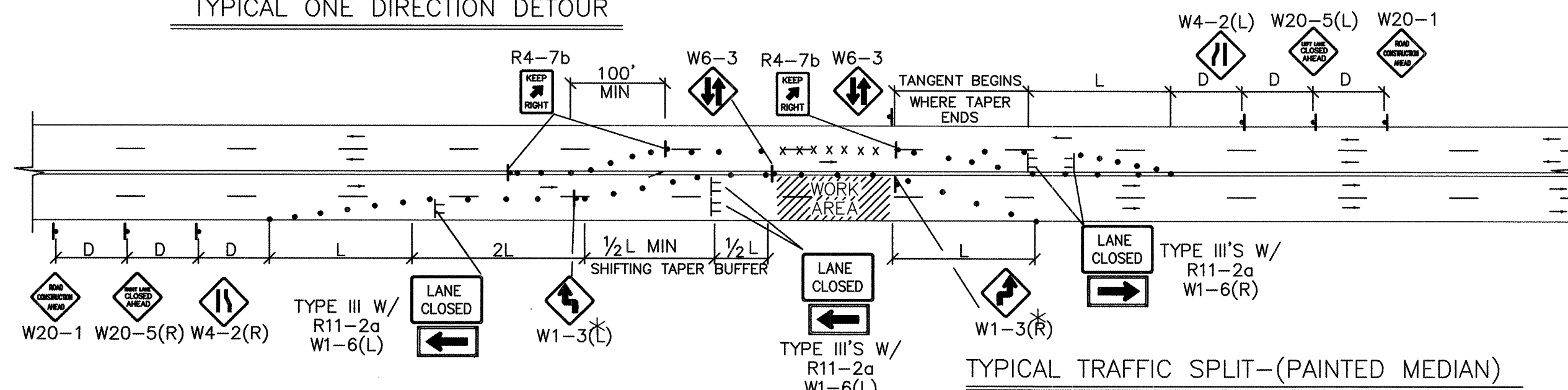
TYPICAL RIGHT LANE CLOSURE



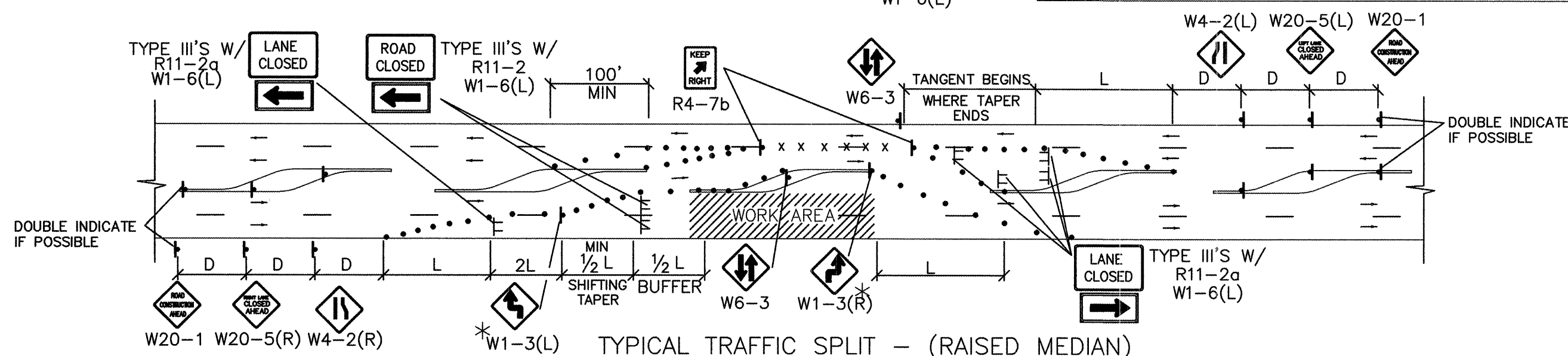
TYPICAL LEFT LANE CLOSURE



TYPICAL ONE DIRECTION DETOUR

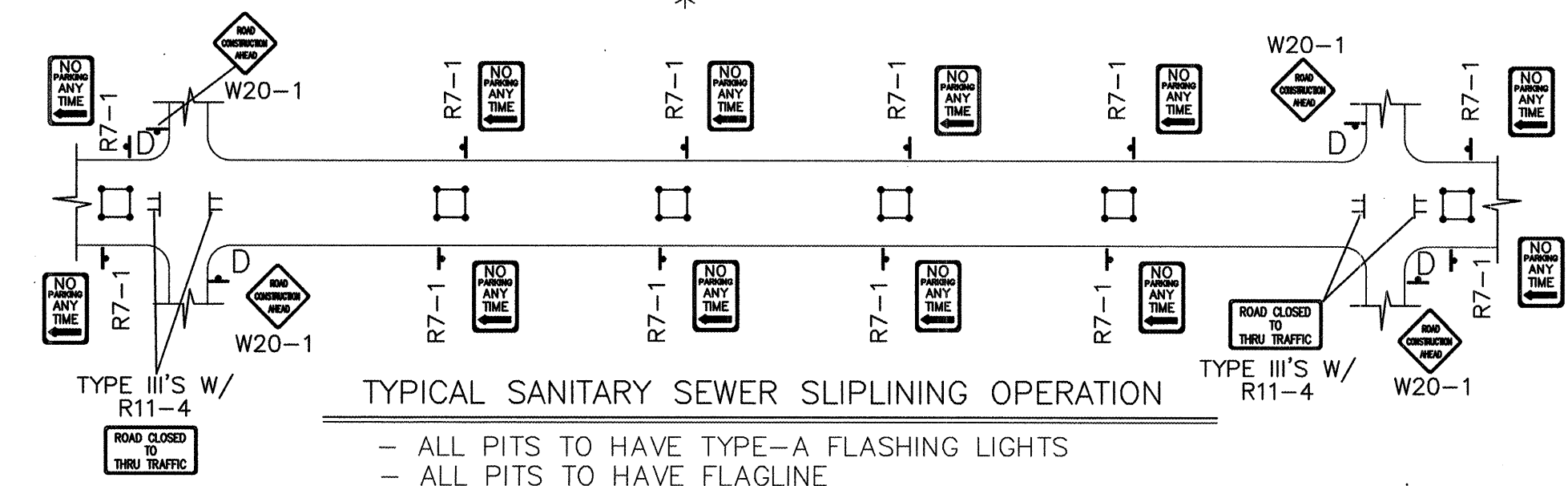


TYPICAL TRAFFIC SPLIT - (PAINTED MEDIAN)



TRAFFIC SPLIT NOTES:

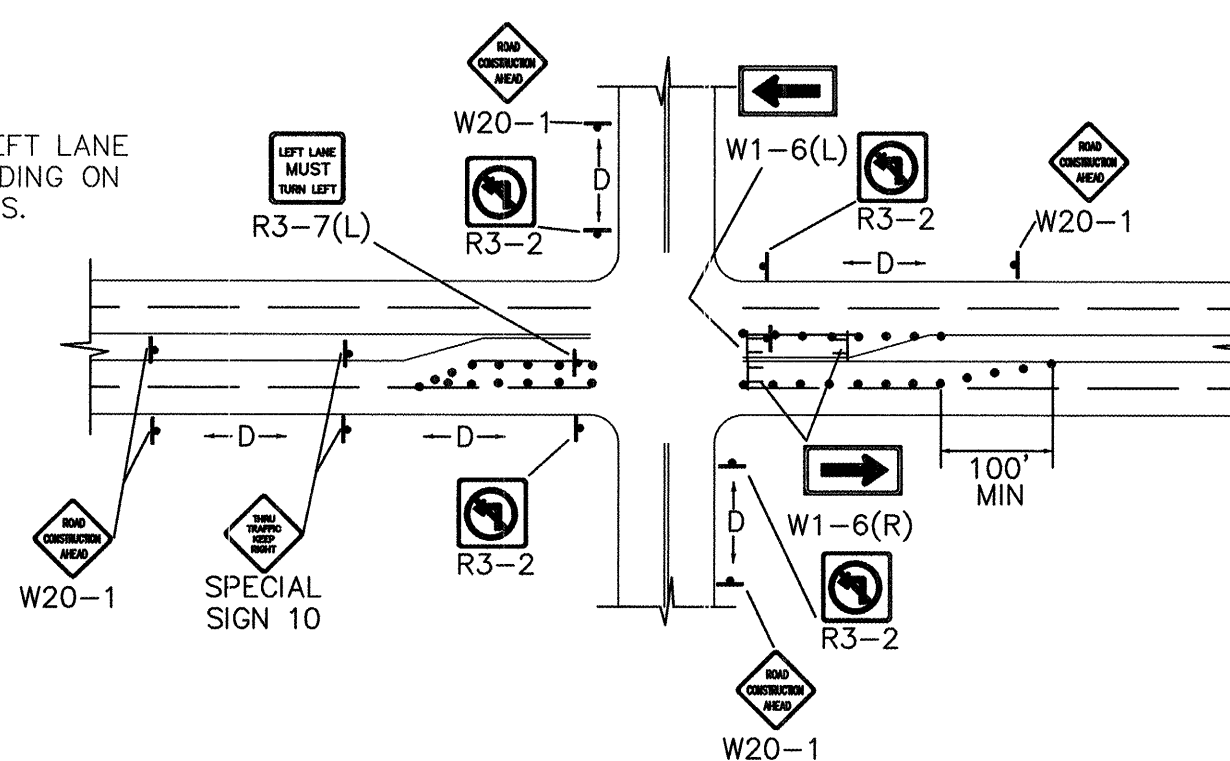
1. THE OFFSET DISTANCE MUST BE CALCULATED IN ALL SHIFTING TAPERS. THE OFFSET DISTANCES SHALL INCLUDE LANE WIDTHS PLUS MEDIAN WIDTHS.
2. 1/2 L IS THE MINIMUM DISTANCE FOR SHIFTING TAPERS.
3. REVERSE CURVES MAY BE IMPLEMENTED. ALL CURVE DATA SHALL BE CALCULATED.
4. MEDIAN REMOVAL SHALL BE REQUIRED IF 1/2 L OR REVERSE CURVE IS NOT SUFFICIENT. MEDIAN REMOVAL SHALL TAKE PLACE BEFORE SPLITS.
5. REDUCED SPEED MAY BE CONSIDERED.
6. * USE W1-3 FOR 30 MPH OR LESS, W1-4 FOR SPEED 35 MPH OR GREATER.



TYPICAL SANITARY SEWER SLIPLINING OPERATION

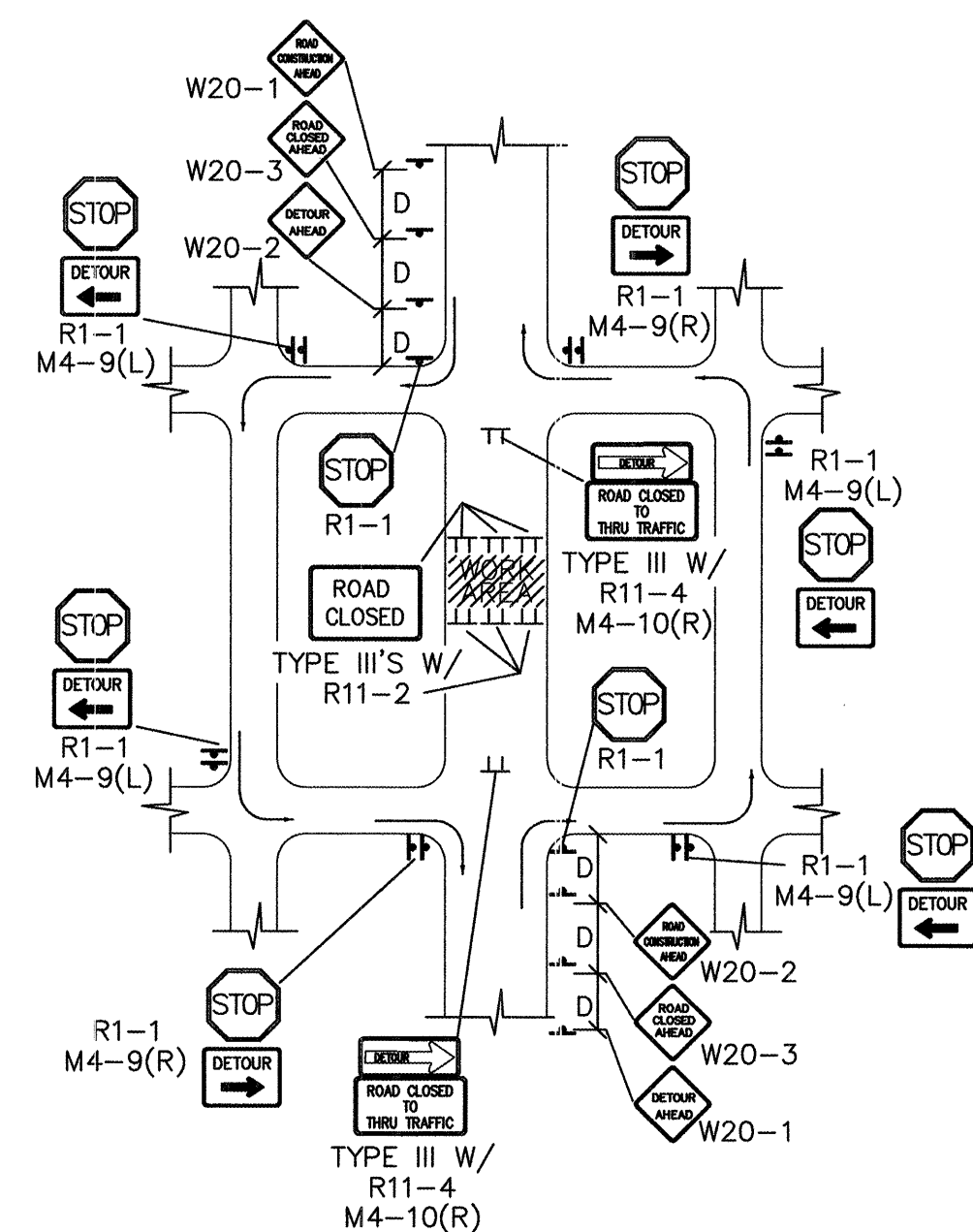
- ALL PITS TO HAVE TYPE-A FLASHING LIGHTS
- ALL PITS TO HAVE FLAGLINE

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



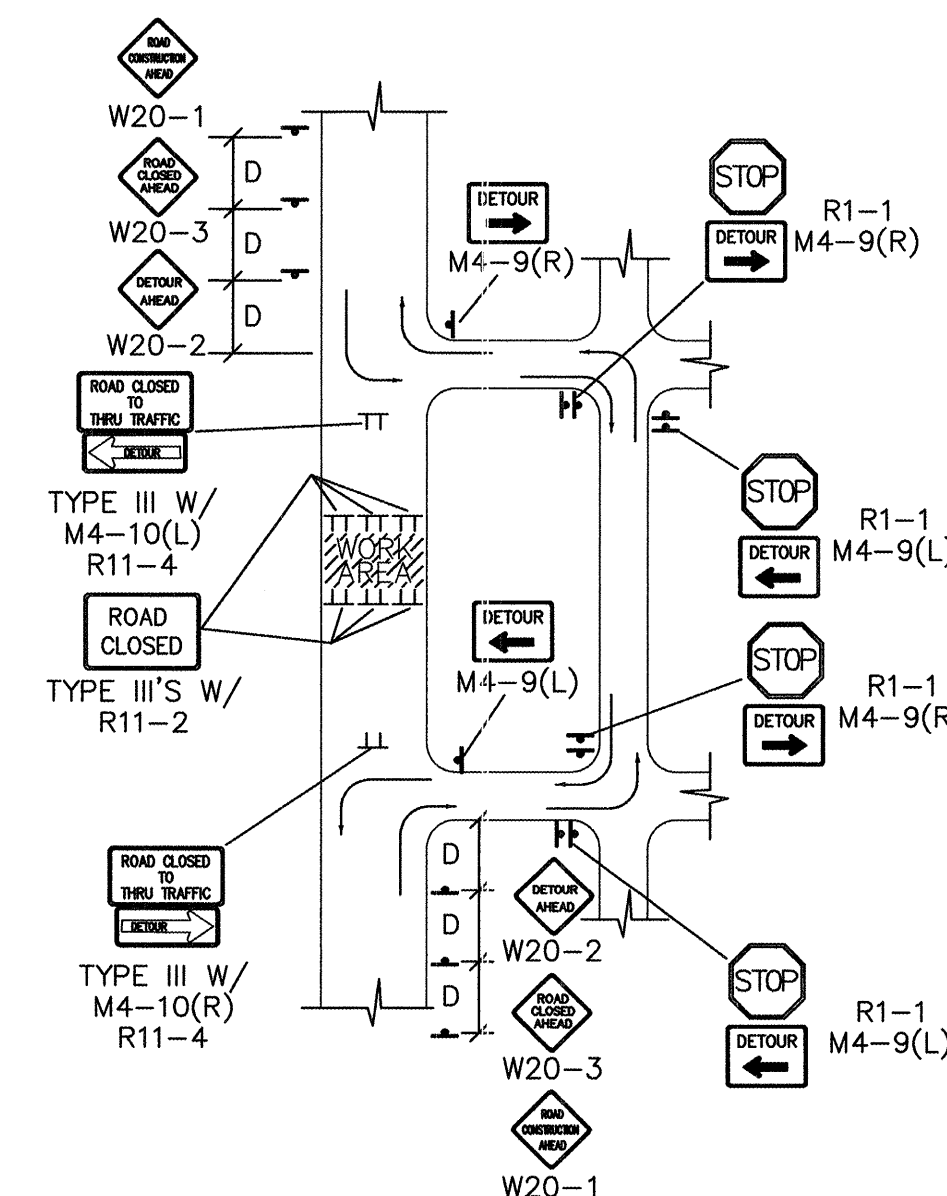
TYPICAL LANE CLOSURE AT INTERSECTION

NOTE: DEPENDING ON WORK ZONE LOCATION.



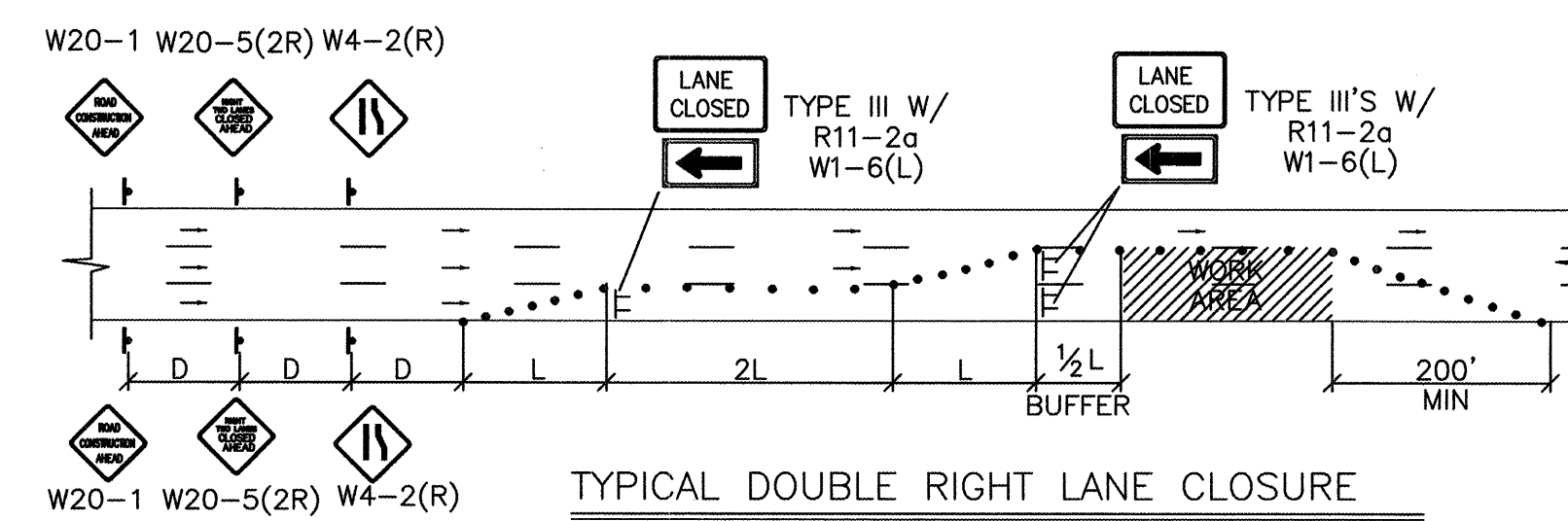
TYPICAL MID-BLOCK CLOSURE

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

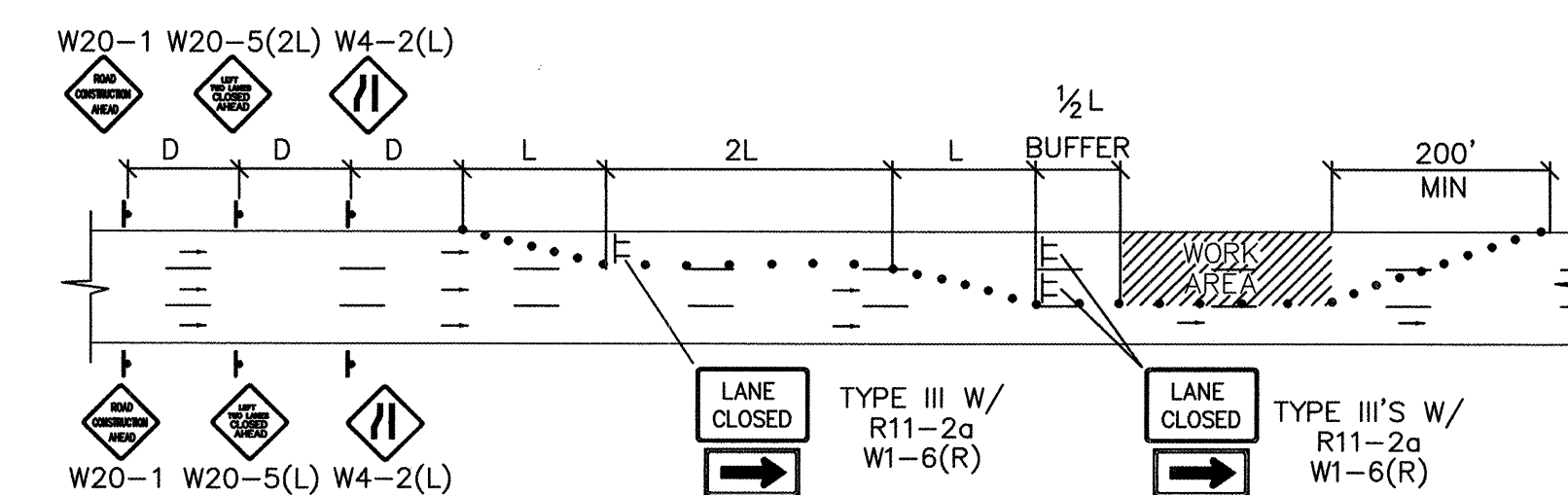


TYPICAL STREET CLOSURE

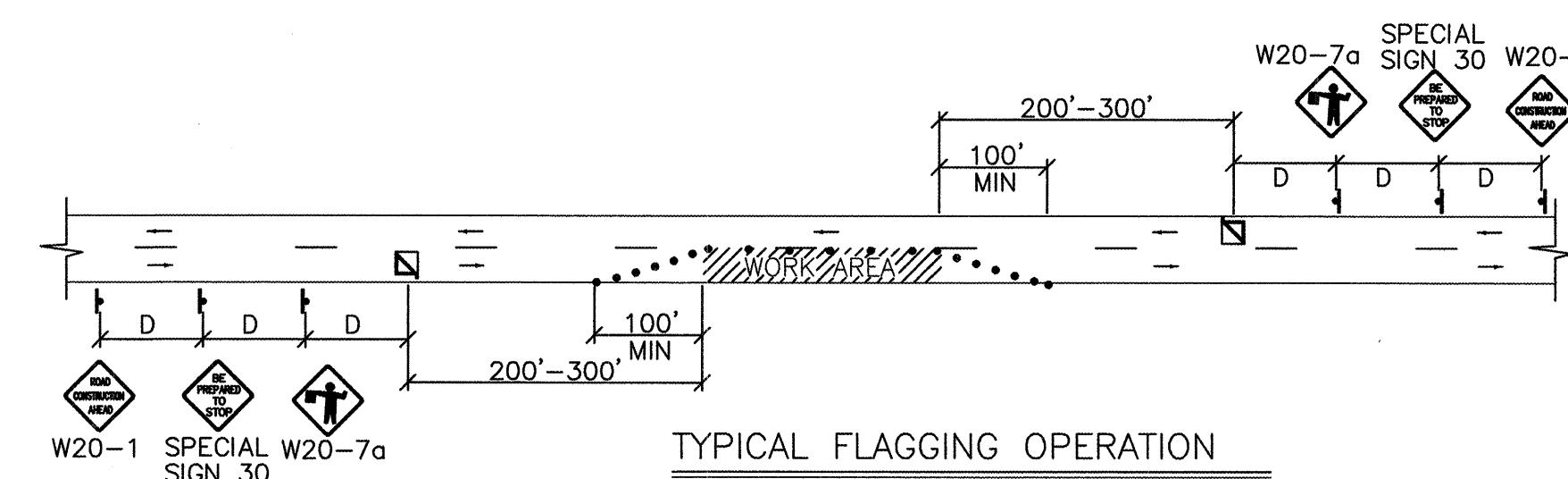
NOTE: (R1-1) BASED ON FIELD CONDITIONS.



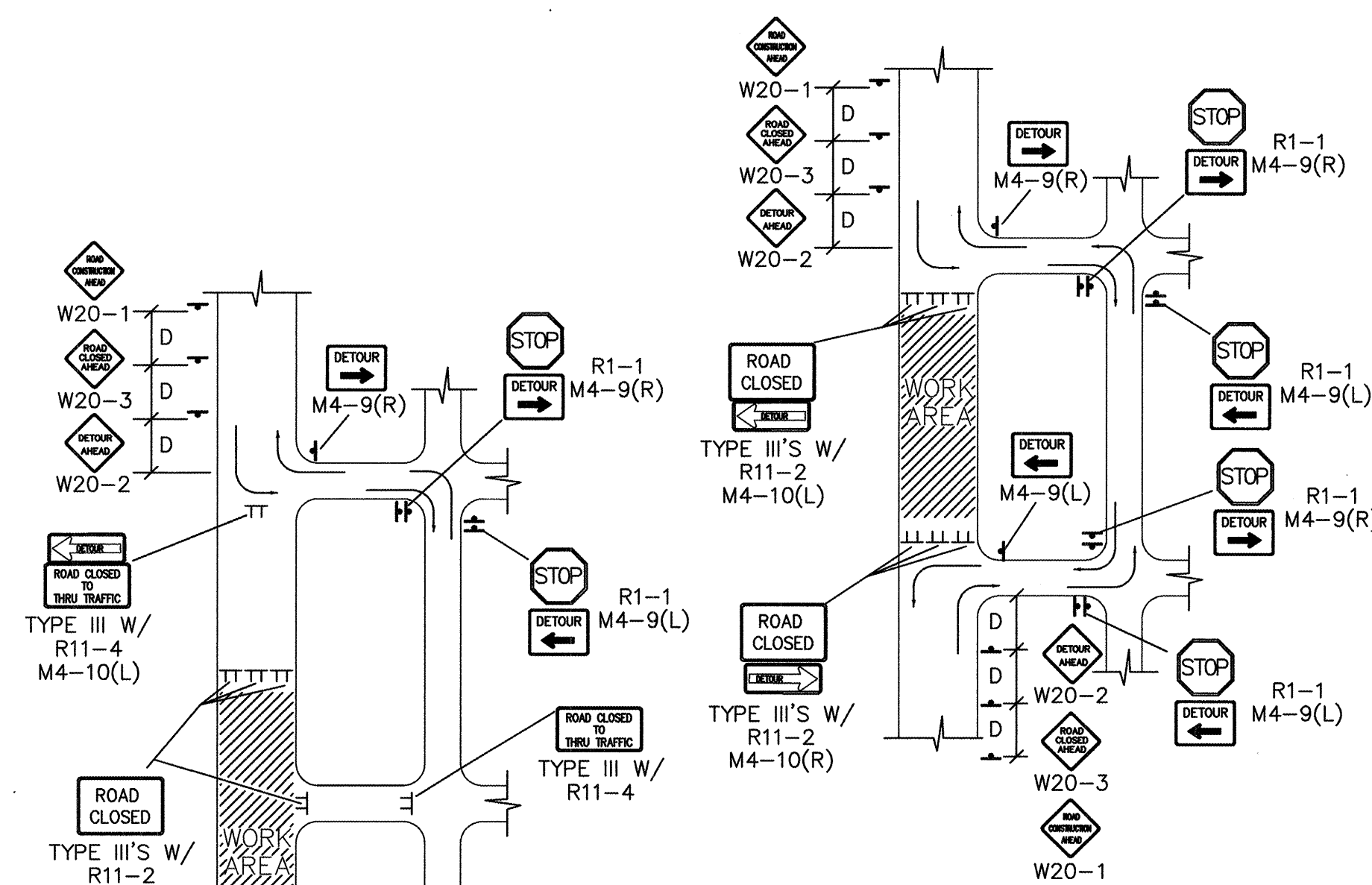
TYPICAL DOUBLE RIGHT LANE CLOSURE



TYPICAL DOUBLE LEFT LANE CLOSURE



TYPICAL FLAGGING OPERATION



TYPICAL STREET CLOSURE

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

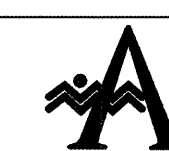
GENERAL NOTE:

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

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

AS-BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		ENGINEER'S SEAL	
CONTRACTOR	DATE	ACCS BRASS CAP STAMPED "MA-9"	DATE	NO.	BY	NO.	BY
INSPECTOR	DATE	LOCATED IN SOUTHEAST QUADRANT OF PASO DEL NORTE &	DATE				
REVISION	DATE	NORTH DIVISION CHANNEL INTERSECTION.	DATE				
VERIFICATION	DATE	GEOGRAPHIC POSITION (NAD 1983) IN FEET	DATE				
COMMENTS	DATE	N.M. STATE PLANE COORDINATES (CENTRAL ZONE)	DATE				
MICRO-FILM INFORMATION		ELEVATION = 5069.27 (NGVD 1929), IN FEET		DESIGNED BY BOHANNAN HUSTON		DATE 5-97	
				DRAWN BY BOHANNAN HUSTON		DATE 5-97	
				CHECKED BY BOHANNAN HUSTON		DATE 5-97	

C.O.A. STANDARD



CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE:
VISTA DEL NORTE - UNITS 1A & 1B

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	MO./DAY/YR.	MO./DAY/YR.
C.O.A. STANDARD	C.O.A. STANDARD		
CITY PROJECT NO.	ZONE MAP NO.	SHEET	OF
682683	D-16	28	28