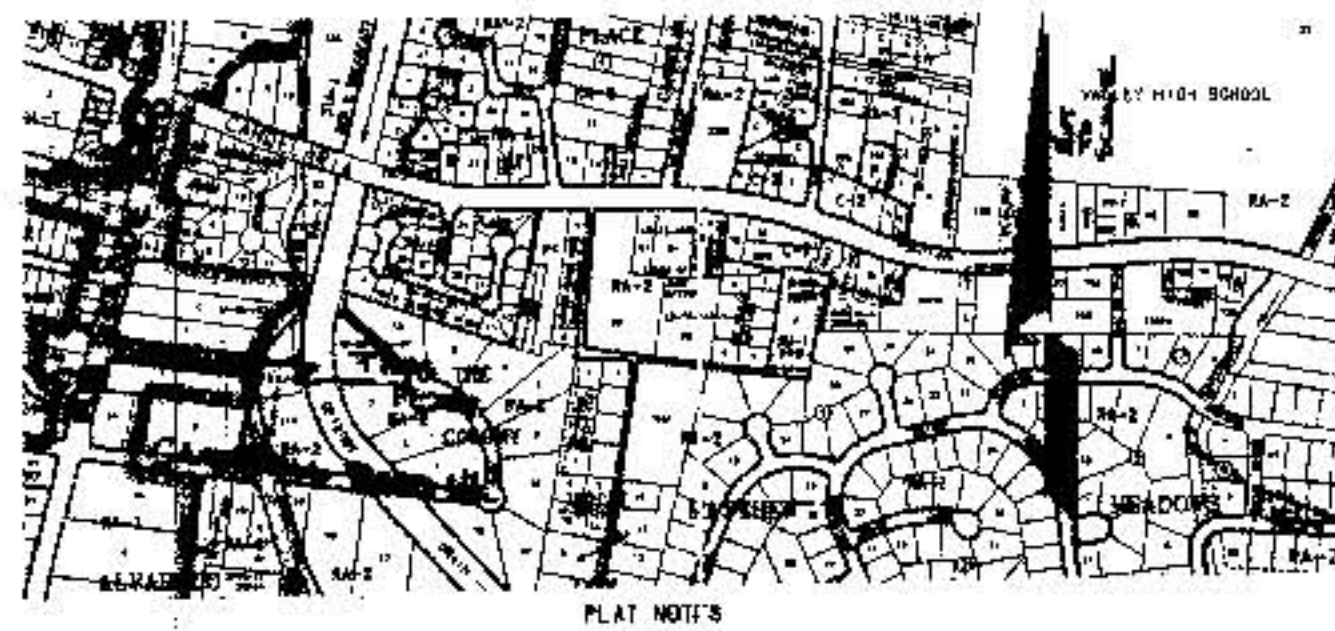


PRELIMINARY PLAT

TALOS L00 871020830870



THE NORTH ONE-HALF (N1/2) OF TRACT NUMBERED SIX (6) OF ALVARADO GARDENS, UNIT NO. 1, A SUBDIVISION OF A TRACT OF LAND IN LOS CABELLARIAS, BERNALILLO COUNTY, NEW MEXICO, AS THE SAME IS SHOWN AND DESIGNATED ON THE MAP OF SAID SUBDIVISION, FILED IN THE OFFICE OF THE COUNTY CLERK OF BERNALILLO COUNTY, NEW MEXICO, AUGUST 19TH, 1992, IN VOLUME 02, FOLIO 10.

THIS PROPERTY IS NOW BEING KNOWN AS LOTS 5-N-1, 5-N-2 AND 5-N-3, ALVARADO GARDENS, UNIT ONE (1). THIS PLAT WAS PREPARED WITH THE FREE CONSENT AND IN ACCORDANCE WITH THE WISHES AND DESIRES OF THE UNDERSIGNED OWNER(S) SAID OWNER(S) DO HEREBY ACKNOWLEDGE THAT THEY ARE THE OWNER(S) OF RECORD AND GRANT ALL EASEMENTS AS SHOWN AND DEDICATE ALL RIGHT-OF-WAY AS SHOWN HEREON.

OWNER: MICHAEL V. BOVEN / DATE: 3-11-98

STATE OF NEW MEXICO
COUNTY OF BERNALILLO



ON THIS 11th DAY OF MARCH, 1998, THIS INSTRUMENT WAS ACKNOWLEDGED BEFORE ME BY MICHAEL V. BOVEN. MY COMMISSION EXPIRES 11-20-99.

PLAT OF
ALVARADO GARDENS
LOTS 5-N-1, 5-N-2 AND 5-N-3
CITY OF ALBUQUERQUE, BERNALILLO COUNTY
NEW MEXICO
OCTOBER 1997

APPROVALS

PLAT NUMBER: 031278
CITY SURVEYOR/DATE: [Signature]

PLANNING DIRECTOR/DATE

CITY ENGINEER/DATE

A.R.P.C.A./DATE

UTILITIES DIVISION/DATE

PROPERTY MANAGEMENT/DATE

TRANSPORTATION DIVISION/DATE

PARKS AND GENERAL SERVICES/DATE

P.N.N. ELECTRIC SERVICE/DATE

U.S. WEST COMMUNICATIONS/DATE

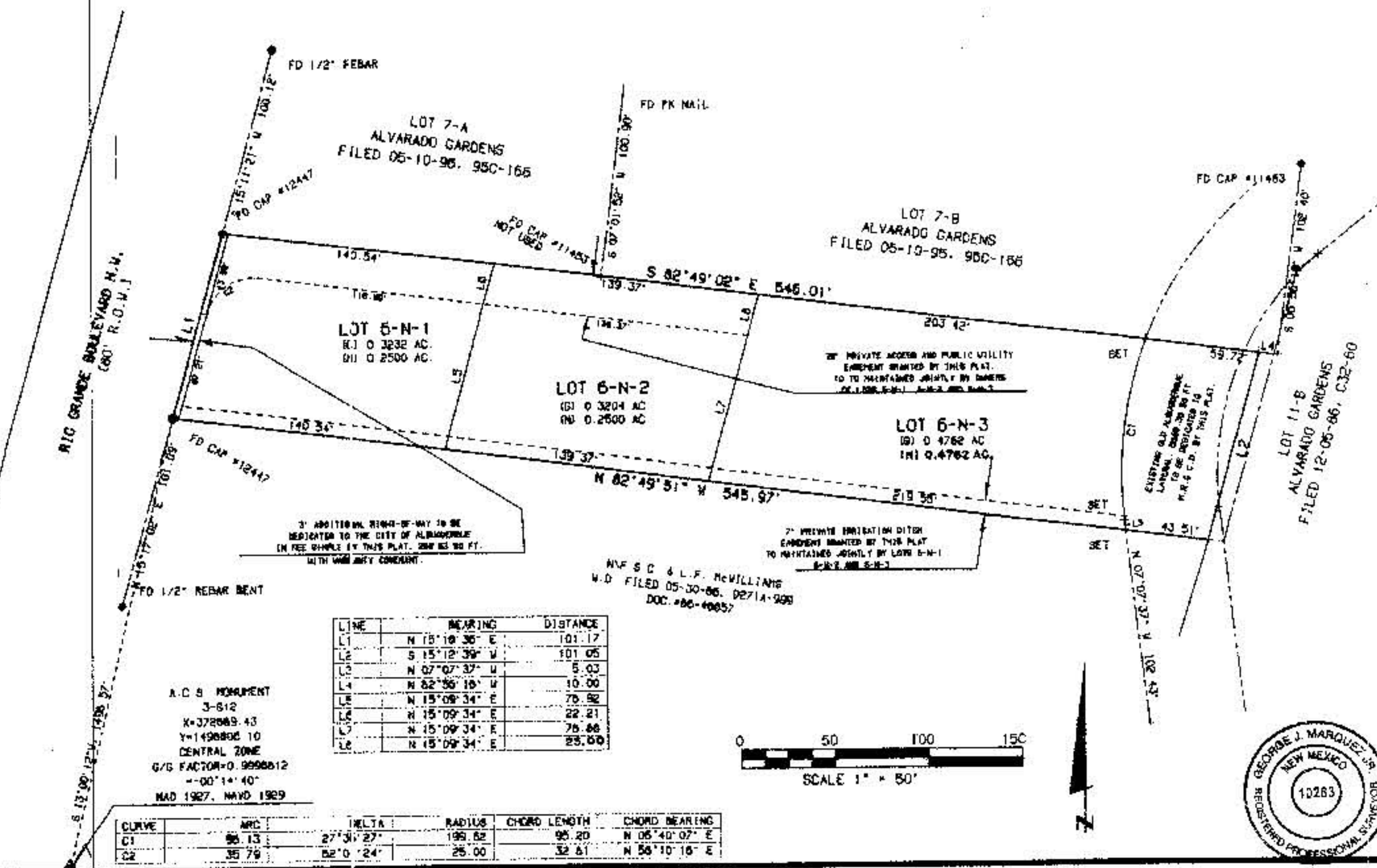
P.N.N. GAS SERVICE /DATE

JOES INTERCABLE OF ALBUQUERQUE / DATE

H.R.G.C.D. / DATE

1. PLAT CASE NUMBER: 031278-464
2. ATLAS PAGE NUMBER: 0-13-2
3. NO ROAD EASEMENT WAS CREATED
4. ALL EASEMENTS OF RECORD ARE SHOWN ON THIS PLAT.
5. BEARINGS ARE GRID BASED ON THE USE OF THE A.C.S. MONUMENT MARKED "3-S12" AND N.G.S. "N047-TV11".
6. ALL CORNER SET BY THIS SURVEY ARE 5/8" X 10" REBAR WITH A PLASTIC CAP MARKED "MARQUEZ 18 10263".
7. CORNERS FOUND AND USED ARE TAGGED WITH A BRASS WASHER MARKED "18 10263".
8. THE PURPOSE OF THIS PLAT IS TO CREATE THREE (3) LOTS FROM ONE (1).
9. RECORDS USED:
WARRANTY DEED, BOGART TO BOVEN, FILED 06-08-97, VOL. 97-21, PG. 4488, DOC #97080592
DEED OF TRUST, GEORGE BOGART, FILED 06-08-96, VOL. 96-15, PG. 623
ALVARADO GARDENS, FILED 06-15-92, VOL. 92, PG. 10
RIO GRANDE BLVD. RIGHT-OF-WAY MAP FILED IN VOL. 02, PG. 27.

WARRANTY DEED, BOGART TO C.O.A., FILED 04-04-94, VOL. 94-20, PG. 380
LOTS 7-A AND 7-B, ALVARADO GARDENS, FILED 05-10-95, 95C-105
LOT 11, ALVARADO GARDENS, UNIT 1, FILED 12-05-96, C32-08
WARRANTY DEED, ESTABROOK TO NEVILLIAMS, FILED 05-30-96, D271A/999



SURVEYOR'S CERTIFICATE

I, GEORGE J. MARQUEZ JR., A REGISTERED PROFESSIONAL NEW MEXICO LAND SURVEYOR, CERTIFY THAT THIS PLAT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND IS RESPONSIBLE FOR THIS SURVEY. MEETS THE MINIMUM REQUIREMENTS FOR MONUMENTATION AND SURVEYS CONTAINED IN THE CITY OF ALBUQUERQUE SUBDIVISION ORDINANCE, AND IS TRUE AND ACCURATE TO THE BEST OF MY KNOWLEDGE AND BELIEF.

DATE: March 17, 1998
MARQUEZ SURVEYING COMPANY, INC.
902 FIFTH STREET NW, ALBUQUERQUE, NM 87102
(505) 842-0570, FAX 245-9105
P.O. BOX 11, BLUEWATER, NM 87030
(505) 875-2065, FAX 245-9100

AS-BUILT

Terry O. Brown, P.E.
P. O. Box 92051
Albuquerque, NM 87199
(505) 863-8807

REV	SHEETS	CITY ENGINEER	APPROVALS	DATE	USER DEPARTMENT	DATE	USER DEPARTMENT	DATE
ENGINEER'S STAMP & SIGNATURE								
			APPROVED FOR CONSTRUCTION					
			City Engineer					
			City Project No.					
			595581					
			Sheet					
			2					
			5					

DRB CASE #97-464

RESTRAINED JOINT LENGTHS, Lr, FOR HORIZONTAL BENDS, VALVES, AND DEAD ENDS, (FT.)					VALVES & DEAD ENDS
SIZE	90°	45°	22-1/2°	11-1/4°	
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.)				
SIZE	LARGE SIDE	SMALL SIDE	SIZE	SMALL SIDE
12 x 10	25	30	10 x 8	44
12 x 8	45	68	8 x 6	58
12 x 6	62	121	6 x 4	25
12 x 4	74	214	4 x 3	43
10 x 8	24	30	6 x 4	24

RESTRAINED JOINT LENGTHS, Lr, (OR TEES, (FT.))				
SIZE	RUN	BRANCH	RUN	BRANCH
12x12x12	13	17	18	3
12x12x10	10	18	13	1
12x12x8	6	19	8	3
12x12x6	3	19	5	1
12x12x4	1	18	2	6
10x10x12	12	18	15	5
10x10x8	8	15	10	4
10x10x6	4	18	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	2

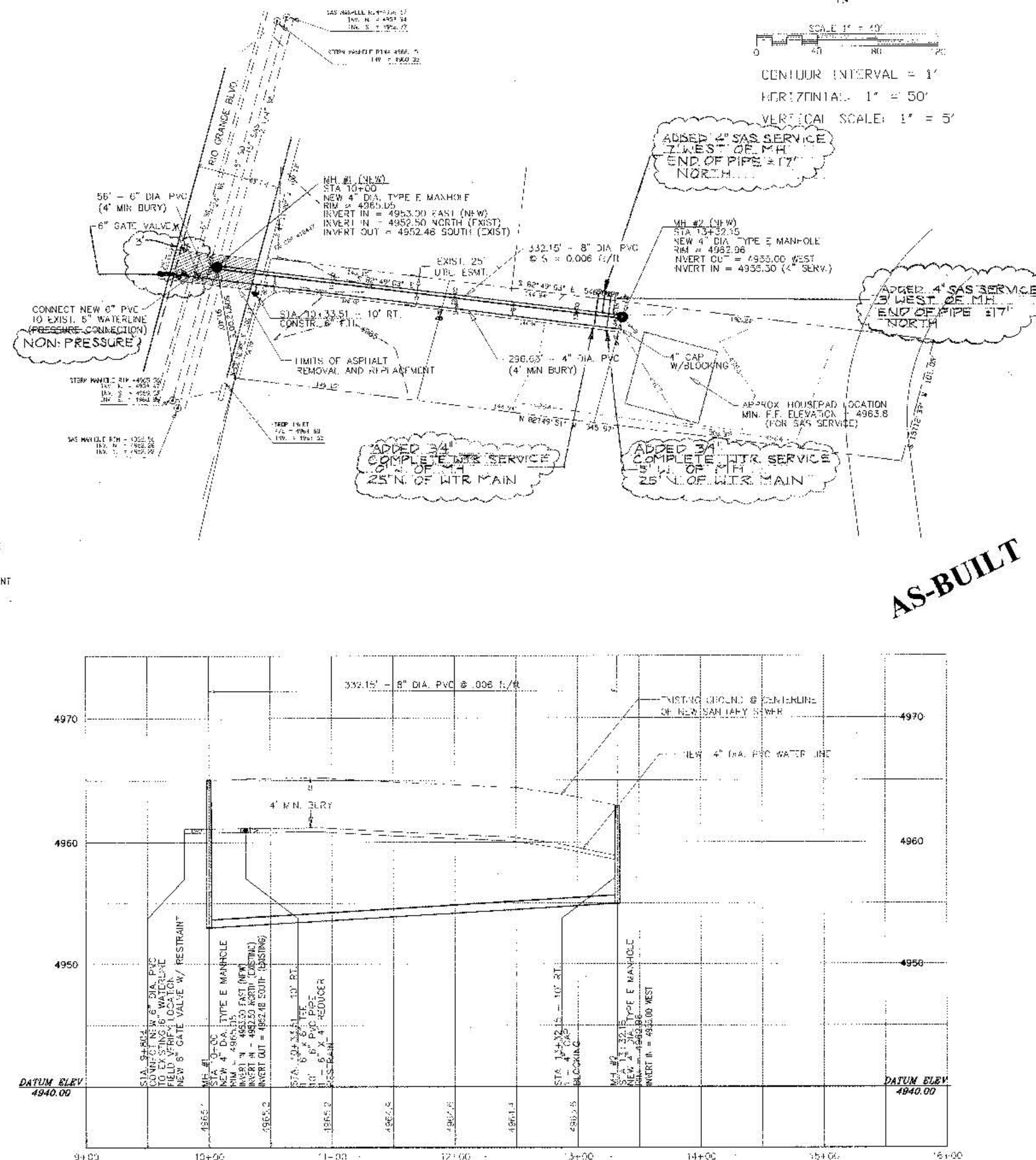
NOTE - THIS TABLE IS BASED UPON THE FOLLOWING CRITERIA:

DEPTH OF BURY 3.0 FT. MINIMUM
 FACTOR OF SAFETY 1.25
 MATERIAL PVC PIPE
 SOIL TYPE CM/SM - SILTY GRAVELS & SILTY SANDS, GRAVEL SAND-SILT MIXTURES.
 TEST PRESSURE 150 PSI
 MINIMUM 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.

SAS SERVICE TABLE	STATION	OFFSET	ELEVATION
	10+48	15' RT.	4952.00'
	11+97	15' RT.	4958.00'
	13+32.15	MI	4957.00'

WATER SERVICE TABLE	STATION	OFFSET	COMMENT
	11+84	12.5' RT.	SINGLE
	13-30	12.5' RT.	SINGLE



SEE NOTES - SHEET 1 OF 5

AS-BUILT

AS BUILT INFORMATION
 CONTRACTOR: T.C.
 DATE: 9/1/98
 CHECKED BY: T.C.
 DATE: 9/1/98
 REVISIONS: 1. 9/1/98
 2. 9/1/98
 3. 9/1/98
 4. 9/1/98
 5. 9/1/98
 6. 9/1/98
 7. 9/1/98
 8. 9/1/98
 9. 9/1/98
 10. 9/1/98
 11. 9/1/98
 12. 9/1/98
 13. 9/1/98
 14. 9/1/98
 15. 9/1/98
 16. 9/1/98
 17. 9/1/98
 18. 9/1/98
 19. 9/1/98
 20. 9/1/98
 21. 9/1/98
 22. 9/1/98
 23. 9/1/98
 24. 9/1/98
 25. 9/1/98
 26. 9/1/98
 27. 9/1/98
 28. 9/1/98
 29. 9/1/98
 30. 9/1/98
 31. 9/1/98
 32. 9/1/98
 33. 9/1/98
 34. 9/1/98
 35. 9/1/98
 36. 9/1/98
 37. 9/1/98
 38. 9/1/98
 39. 9/1/98
 40. 9/1/98
 41. 9/1/98
 42. 9/1/98
 43. 9/1/98
 44. 9/1/98
 45. 9/1/98
 46. 9/1/98
 47. 9/1/98
 48. 9/1/98
 49. 9/1/98
 50. 9/1/98
 51. 9/1/98
 52. 9/1/98
 53. 9/1/98
 54. 9/1/98
 55. 9/1/98
 56. 9/1/98
 57. 9/1/98
 58. 9/1/98
 59. 9/1/98
 60. 9/1/98
 61. 9/1/98
 62. 9/1/98
 63. 9/1/98
 64. 9/1/98
 65. 9/1/98
 66. 9/1/98
 67. 9/1/98
 68. 9/1/98
 69. 9/1/98
 70. 9/1/98
 71. 9/1/98
 72. 9/1/98
 73. 9/1/98
 74. 9/1/98
 75. 9/1/98
 76. 9/1/98
 77. 9/1/98
 78. 9/1/98
 79. 9/1/98
 80. 9/1/98
 81. 9/1/98
 82. 9/1/98
 83. 9/1/98
 84. 9/1/98
 85. 9/1/98
 86. 9/1/98
 87. 9/1/98
 88. 9/1/98
 89. 9/1/98
 90. 9/1/98
 91. 9/1/98
 92. 9/1/98
 93. 9/1/98
 94. 9/1/98
 95. 9/1/98
 96. 9/1/98
 97. 9/1/98
 98. 9/1/98
 99. 9/1/98
 100. 9/1/98

BENCH MARKS
 ACS STA. NO. 1-019
 Y: 15184.74
 X: 40482.91
 Z: 5318.195

SURVEY INFORMATION
 FIELD NOTES
 NO

ENGINEER'S SEAL
 TERRY O. BROWN, P.E.
 9/1/98

REVISIONS
 NO. DATE
 1. 9/1/98
 2. 9/1/98
 3. 9/1/98
 4. 9/1/98
 5. 9/1/98
 6. 9/1/98
 7. 9/1/98
 8. 9/1/98
 9. 9/1/98
 10. 9/1/98
 11. 9/1/98
 12. 9/1/98
 13. 9/1/98
 14. 9/1/98
 15. 9/1/98
 16. 9/1/98
 17. 9/1/98
 18. 9/1/98
 19. 9/1/98
 20. 9/1/98
 21. 9/1/98
 22. 9/1/98
 23. 9/1/98
 24. 9/1/98
 25. 9/1/98
 26. 9/1/98
 27. 9/1/98
 28. 9/1/98
 29. 9/1/98
 30. 9/1/98
 31. 9/1/98
 32. 9/1/98
 33. 9/1/98
 34. 9/1/98
 35. 9/1/98
 36. 9/1/98
 37. 9/1/98
 38. 9/1/98
 39. 9/1/98
 40. 9/1/98
 41. 9/1/98
 42. 9/1/98
 43. 9/1/98
 44. 9/1/98
 45. 9/1/98
 46. 9/1/98
 47. 9/1/98
 48. 9/1/98
 49. 9/1/98
 50. 9/1/98
 51. 9/1/98
 52. 9/1/98
 53. 9/1/98
 54. 9/1/98
 55. 9/1/98
 56. 9/1/98
 57. 9/1/98
 58. 9/1/98
 59. 9/1/98
 60. 9/1/98
 61. 9/1/98
 62. 9/1/98
 63. 9/1/98
 64. 9/1/98
 65. 9/1/98
 66. 9/1/98
 67. 9/1/98
 68. 9/1/98
 69. 9/1/98
 70. 9/1/98
 71. 9/1/98
 72. 9/1/98
 73. 9/1/98
 74. 9/1/98
 75. 9/1/98
 76. 9/1/98
 77. 9/1/98
 78. 9/1/98
 79. 9/1/98
 80. 9/1/98
 81. 9/1/98
 82. 9/1/98
 83. 9/1/98
 84. 9/1/98
 85. 9/1/98
 86. 9/1/98
 87. 9/1/98
 88. 9/1/98
 89. 9/1/98
 90. 9/1/98
 91. 9/1/98
 92. 9/1/98
 93. 9/1/98
 94. 9/1/98
 95. 9/1/98
 96. 9/1/98
 97. 9/1/98
 98. 9/1/98
 99. 9/1/98
 100. 9/1/98

Terry O. Brown, P.E.
 P. O. Box 82051
 Albuquerque, NM 87189
 (505) 883-8867

CITY OF ALBUQUERQUE
 PUBLIC WORKS DEPARTMENT
 ENGINEERING DEVELOPMENT GROUP
 TITLE: SANITARY SEWER / WATERLINE
 STA. 9+80 TO STA. 13+32.15
 City Engineer Approval
 City Project No. 595581
 (Per Map No. G-13-Z)
 Sheet 3 of 5

CONSTRUCTION TRAFFIC CONTROL GENERAL NOTES

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

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

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

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

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

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

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

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

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

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

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

12. CONTRACTOR IS RESPONSIBLE TO PROVIDE CONSTRUCTION COORDINATION, A WEEKLY LOG OF DAILY INSPECTIONS OF BARRICADE AND MAINTENANCE SCHEDULES ON PROJECTS THAT ARE OVER ONE WEEK DURATION.

13. EQUIPMENT OR MATERIALS SHALL NOT BE STORED WITHIN 15 FEET OF A TRAVELLED TRAFFIC LANE DURING NON-WORKING HOURS WITHOUT THE APPROVAL OF CONSTRUCTION COORDINATION.

14. CONTRACTOR SHALL PROVIDE AND MAINTAIN A SAFE AND ADEQUATE MEANS OF CHANNELIZING PEDESTRIAN TRAFFIC AROUND AND THROUGH THE CONSTRUCTION AREA.

15. CONTRACTOR IS RESPONSIBLE FOR OBLITERATION OF ANY CONFLICTING STRIPING AND RESPONSIBLE FOR ALL TEMPORARY STRIPING.

16. CONTRACTOR SHALL MAINTAIN ACCESS TO ALL FACILITIES, BUSINESSES AND/OR RESIDENTS AT ALL TIMES.

17. CONTRACTOR SHALL PROVIDE ACCESS SIGNS FOR BUSINESSES LOCATED WITHIN THE CONSTRUCTION AREA UNDER THE SUPERVISION OF CONSTRUCTION COORDINATION. EACH ACCESS SIGN SHALL HAVE 5 INCH, WHITE OPAQUE LETTERING ON BLUE REFLECTORIZED BACKGROUND. ACCESS SIGNS SHALL BE CONSIDERED INCIDENTAL TO THE BID AND NOT PART OF THE CONTRACT UNLESS OTHERWISE STATED. NO MORE THAN 3 BUSINESSES SHALL BE LISTED ON A ACCESS SIGN. SHOPPING CENTERS AND MALLS SHALL BE LISTED AS SUCH.

18. ALL ADVANCE WARNING SIGNS SHALL MEET THE MINIMUM REFLECTIVE INTENSITY REQUIREMENTS SET FORTH BY THE CITY OF ALBUQUERQUE. CONSTRUCTION COORDINATION SHALL DETERMINE ALL REQUIREMENTS AND APPROVE OR DISAPPROVE ANY ADVANCE WARNING SIGN PER SECTION 6A-4 OF THE MUTCD, LATEST EDITION.

19. 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.

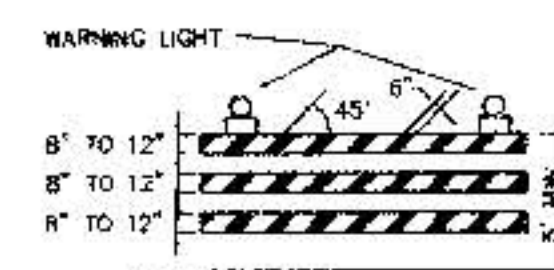
24. ALL TRAFFIC CONTROL DEVICES SHALL BE KEPT IN NEW-CLEAN CONDITION. WASHING OF EQUIPMENT IS INCIDENTAL TO ITS PLACEMENT AND MAINTENANCE.

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

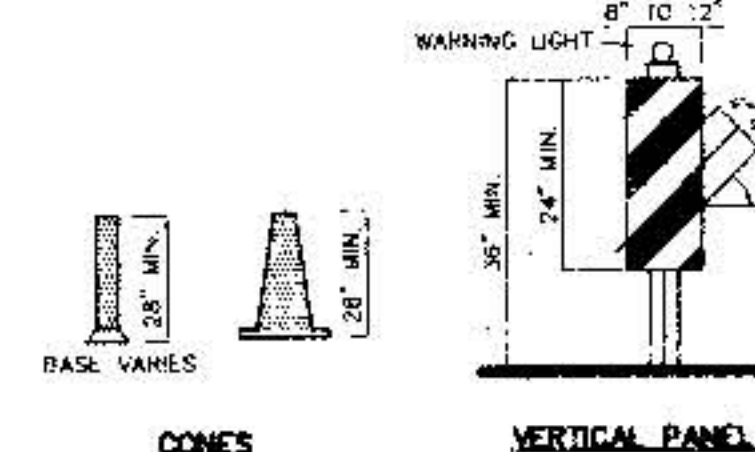
26. ADVANCE WARNING SIGNS SHALL BE 36"x36" MIN. WITH SUPER ENGINEERING GRADE SHEETING OR BETTER. MOUNTING HEIGHT AT TOP OF SIGN SHALL BE THE SAME AS FOR A 48" SIGN AS INDICATED IN THE M.U.T.C.D.

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

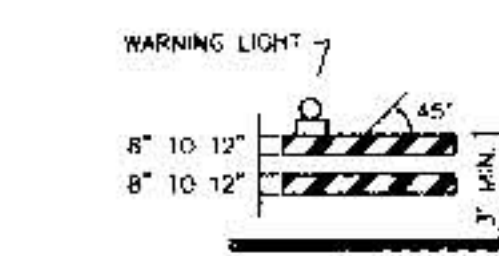
28. CONTRACTOR SHALL MAINTAIN ONE OPEN LANE MINIMUM IN EACH DIRECTION AT ALL TIMES.
29. CONTRACTOR SHALL MAINTAIN TWO LANES MINIMUM SOUTHBOUND ON RIO GRANDE BLVD. FROM 6:00 AM TO 9:00 AM, MONDAY THRU FRIDAY.
30. CONTRACTOR SHALL MAINTAIN TWO LANES MINIMUM NORTHBOUND ON RIO GRANDE BLVD. FROM 3:00 PM TO 7:00 PM, MONDAY THRU FRIDAY.
31. CONTRACTOR SHALL REMOVE ALL BARRICADES AND ADVANCED WARNING SIGNS IMMEDIATELY AFTER COMPLETING EACH WORK SHIFT.
32. CONTRACTOR IS ALLOWED NO MORE THAN FOUR (4) WORKING DAYS TO COMPLETE ALL WORK ASSOCIATED WITH THIS PROJECT IN RIO GRANDE BLVD.
33. THE WATER AND SEWER LINES CROSSING RIO GRANDE BLVD. SHALL BE CONSTRUCTED CONCURRENTLY USING THE SAME TRAFFIC CONTROL SETUP.
34. THIS PROJECT IS SUBJECT TO ARTERIAL / COLLECTOR ROAD USAGE FEES.



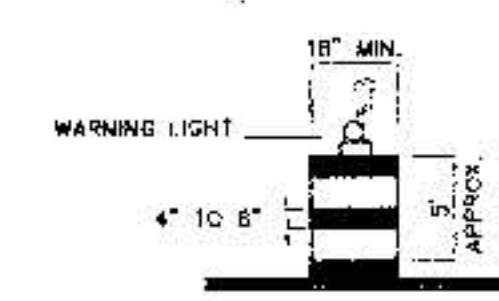
TYPE II BARRICADE



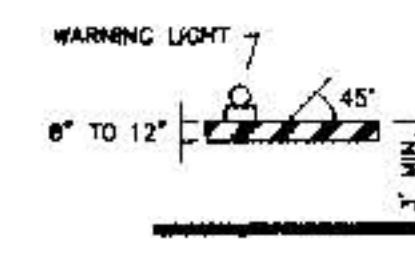
TYPE I BARRICADE



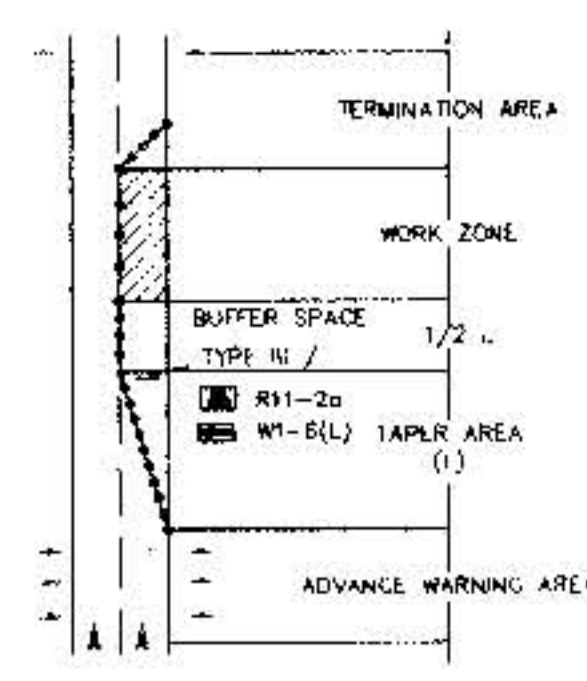
TYPE I BARRICADE



TYPE I BARRICADE



TYPE I BARRICADE



TRAFFIC CONTROL ELEMENTS

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 SPEED LIMIT OF THE STREET
- TAPER LENGTH - SEE CHART BELOW
- THE TANGENT LENGTH IS EQUAL TO THE TAPER LENGTH FOR A GIVEN STREET.

TAPER REQUIREMENTS

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	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

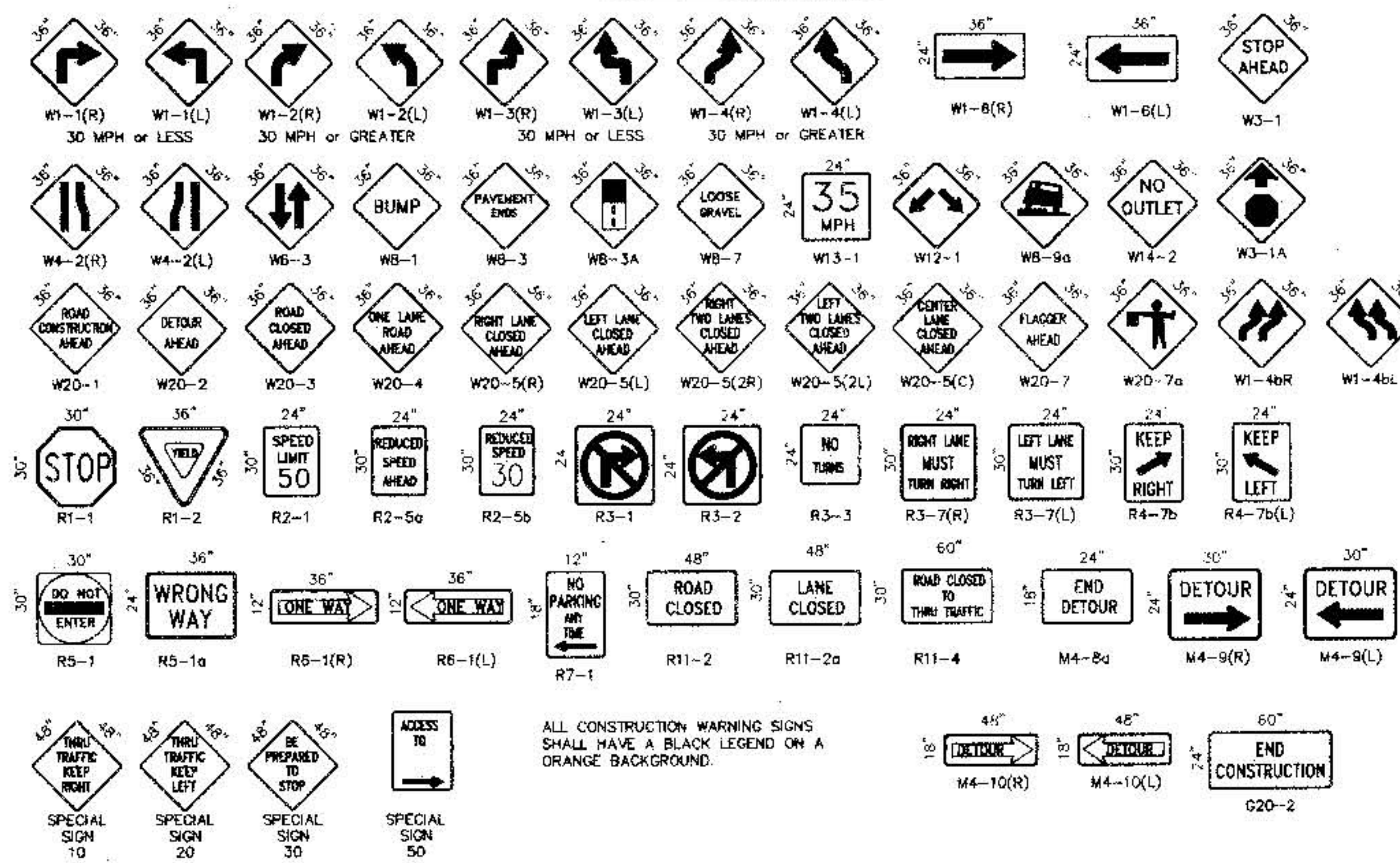
TAPER CRITERIA

TYPE OF TAPER	TAPER LENGTH
UPSTREAM TAPER:	
MERCING TAPER	1/2 L MINIMUM
SHIFTER 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 $L = \frac{WS^2}{50}$
45 MPH OR GREATER $L = W \times S$
L = TAPER LENGTH
W = WIDTH OF OFFSET IN FEET
S = POSTED SPEED OR OFF-PEAK 85-PERCENTILE SPEED IN MPH

SIGN FACE DETAILS



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

AS-BUILT

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

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

DESIGN REVIEW COMMITTEE: CITY ENGINEER APPROVAL

PROJECT NO. 505501

MAP NO. 10-10

SHEET 5 OF 5