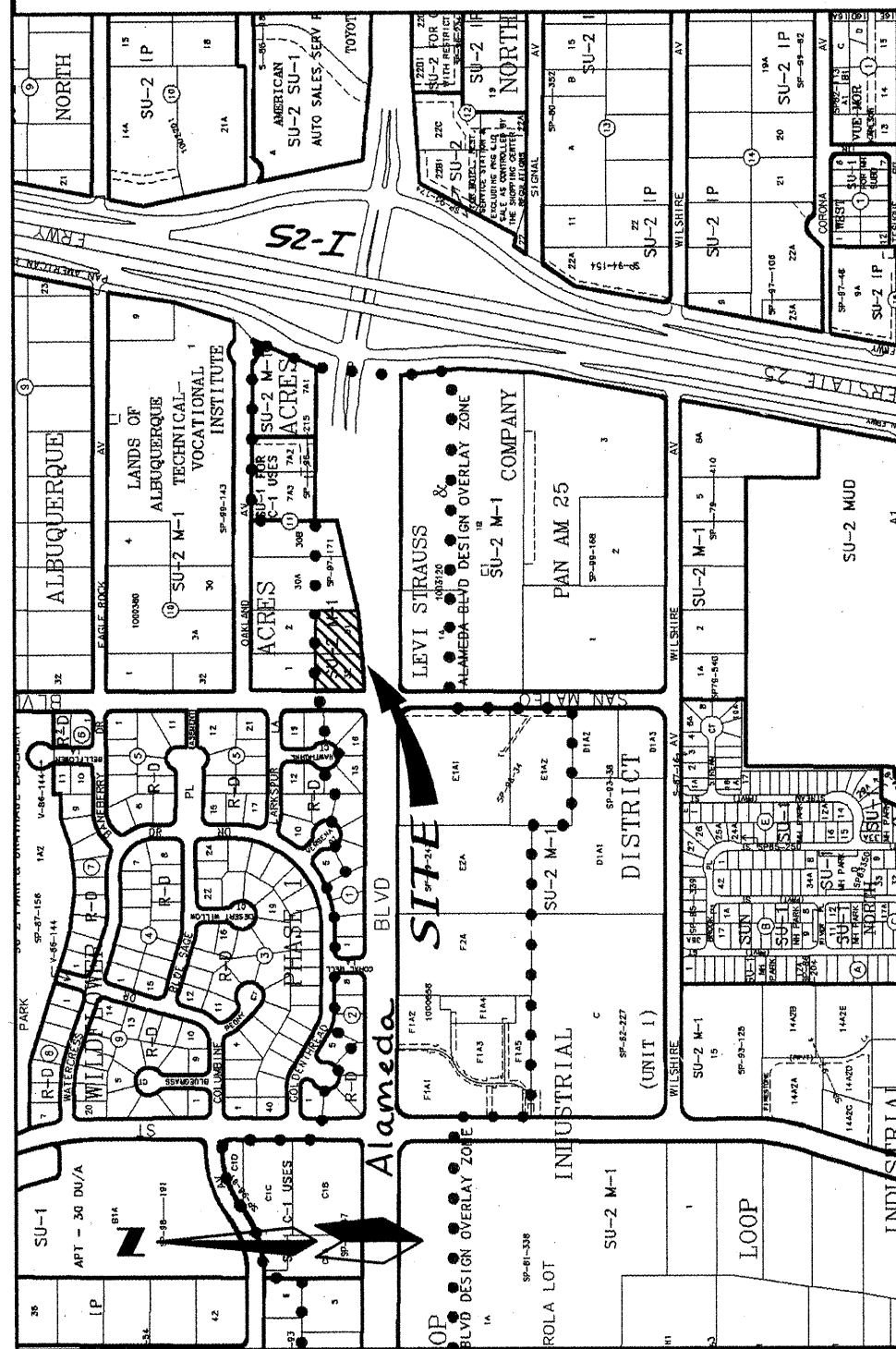


A04jpbs\A4043DVT\Plans\A4043Title.dwg\12-14-04\DFR NHF



LOCATION MAP
SCALE: NONE

SUBDIVISION DATA

Gross Acreage..... 1.2349 Ac.
Zone Atlas No..... C-18-Z
No. of Existing Tracts/Lots..... 2 Lot
No. of Tracts/Lots created..... 1 Lot
No. of Tracts/Lots eliminated..... 2 Lots
Miles of full width streets created..... 0.00
Street Area dedicated to the City of Albuquerque..... 0.0911 Ac.
Date of Survey..... July, 2004
Utility Control Location System Log Number..... 2004283467
Zoning..... SU-2, M-1

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 portions of San Mateo Blvd., to the City of Albuquerque in fee simple without 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 owners(s) warrant that they hold among them complete and indefeasible title to the land subdivided.

OWNER: Neil E. Weaver and Helen W. Weaver Revocable Trust

BY: *Neil E. Weaver* 8/15/04 Date
Neil E. Weaver, Co-Trustee

BY: *Helen W. Weaver* 8/15/04 Date
Helen W. Weaver, Co-Trustee

OWNER'S ACKNOWLEDGMENT

STATE OF NEW MEXICO SS
COUNTY OF BERNALILLO

This instrument was acknowledged before me on August 5, 2004
By Neil E. Weaver and Helen W. Weaver, Co-Trustees of the Neil E. Weaver and Helen W. Weaver Revocable Trust, under Trust Agreement dated March 21, 1990.

NOTARY PUBLIC
MY COMMISSION EXPIRES

LEGAL DESCRIPTION

A tract of land situate within the Elena Gallegos Grant, Projected Section 13, Township 11 North, Range 3 East New Mexico Principal Meridian, City of Albuquerque, Bernalillo County, New Mexico being all of LOTS 31 AND 32, BLOCK 11, TRACT A, UNIT B, NORTH ALBUQUERQUE ACRES, 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 April 24, 1946 in Volume D, Page 30, EXCEPTING THEREFROM that portion conveyed to the New Mexico State Highway Department as the same is described in a Warranty Deed filed for record in the office of the County Clerk of Bernalillo County, New Mexico on August 26, 1983 in Book D, Pages 656-657 and containing 1.2349 acres more or less.

NOTES (SEE SHEET 2)

PURPOSE OF PLAT

- Combine Lots 31 and 32, Block 11 North Albuquerque Acres Tract A, Unit B into one (1) single lot.
- Dedicate right-of-way as shown hereon.
- Grant easements as shown hereon.

PUBLIC UTILITY EASEMENT

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 service.
- The PNM Gas Services Division for installation, maintenance and service of natural gas lines, valves and any other equipment and facilities reasonably necessary to provide natural gas.
- Quest for installation, maintenance and service of such lines, cable 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 facilities reasonably necessary to provide Cable TV service.

Included, is the right to build, rebuild, construct, reconstruct, locate, relocate, change, remove, modify, renew, operate and maintain facilities for the purposes described above, together with the free access to, from and over said easement, including sufficient working area space for electric transformers, with the right and privilege to trim and remove trees, shrubs or bushes which interfere with the purposes set forth herein. No building, sign, pool (above ground or subsurface), hot tub, concrete or wood pool, decking, or other structure shall be erected or constructed on said easements, nor shall any well be drilled or operated thereon. Property owners shall be solely responsible for correcting any violations of National 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
LOT 31-A, BLOCK 11
TRACT A, UNIT B
NORTH ALBUQUERQUE ACRES
WITHIN THE
ELENA GALLEGOS GRANT
PROJECTED SECTION 13
TOWNSHIP 11 NORTH, RANGE 3 EAST, NMMP
CITY OF ALBUQUERQUE
BERNALILLO COUNTY, NEW MEXICO
JULY, 2004

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, 1984.

Project Number: 1003371

Application Number: 04-01184

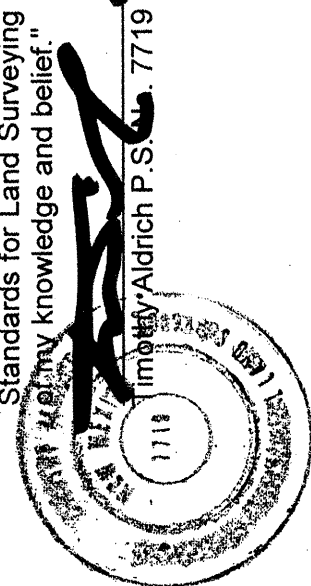
PLAT APPROVAL

Utility Approvals:

PNM Electric Services	8-30-04	Date
PNM Gas Services	8-30-04	Date
Quest	8-30-04	Date
Comcast	8-30-04	Date
City Approval	8-26-04	Date
City Engineer	9/8/04	Date
Traffic Engineering, Transportation Division	11-17-04	Date
Utilities Department	9/8/04	Date
Parks and Recreation Department	9/8/04	Date
AMAFC	9/8/04	Date
City Engineer	9/8/04	Date
PRB Chairperson, Planning Department	9/8/04	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."



ALDRICH LAND
SURVEYING
P.O. BOX 30701, ALBU., N.M. 87190
505-884-1990

Dwg: A04043FFS1.dwg Drawn: STEPHEN Checked: ALS Sheet 1 of 2
Scale: N/A Date: 07/19/04 Job: A04043

PLAT FOR
LOT 31-A, BLOCK 11
TRACT A, UNIT B
WITHIN THE
ELENA GALLEGOS GRANT
PROJECTED SECTION 13
TOWNSHIP 11 NORTH, RANGE 3 EAST, NMMP
CITY OF ALBUQUERQUE
BERNALILLO COUNTY, NEW MEXICO
JULY, 2004

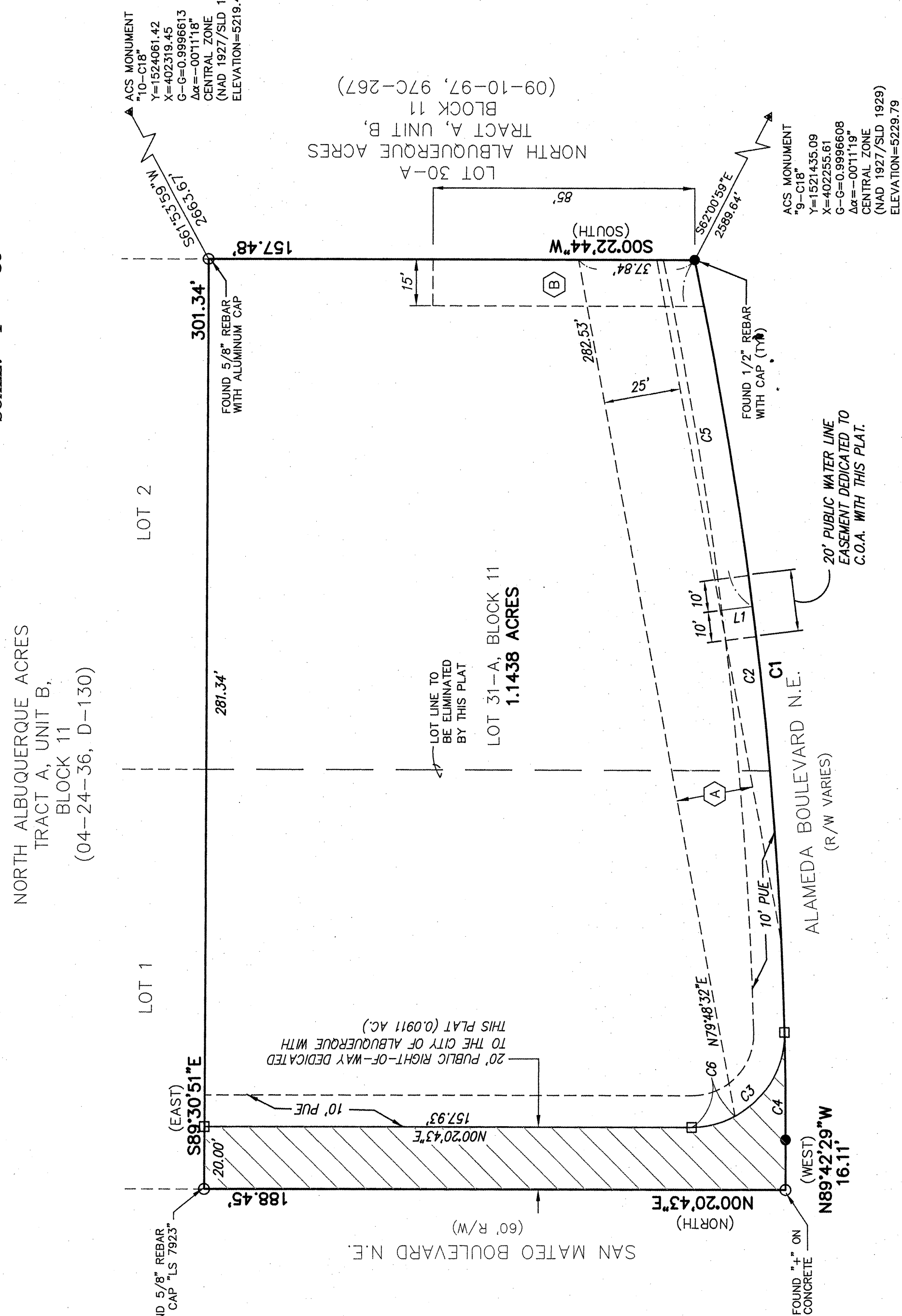
NOTES

- Bearings are New Mexico State Plane Grid Bearings (Central Zone).
- Distances are ground distances.
- Bearings and distances in parenthesis are record.
- Basis of boundary are the following plats of record entitled:
PLAT OF "NORTH ALBUQUERQUE ACRES, UNIT B, TRACT A", (04-24-36, D-130)
PLAT OF "NORTH ALBUQUERQUE ACRES, UNIT B, TRACT A", (09-10-97, 97C-267)
"WARRANTY DEED" (08-26-83, BK. D-192A, PGS. 656-657)
all being records of Bernalillo County, New Mexico.
- Unless otherwise noted all corners are set 5/8" rebar with cap "ALS LS 7719" (TYP).
- Title Report: Provided by LandAmerica Albuquerque Title Company File No.: 240077DS File No.: 240077DS (Effective date: 03-15-04)

EASEMENTS

- (A) 25' PUBLIC WATER & SANITARY SEWER EASEMENT GRANTED TO THE CITY OF ALBUQUERQUE WITH THIS PLAT
- (B) 15' WIDE PRIVATE ACCESS EASEMENT GRANTED TO LOT 30-A & TO BE MAINTAINED BY THE OWNERS OF LOTS 30-A, & 31-A.

CURVE	RADIUS	LENGTH	DELTA	TANGENT	CHORD	BRC	CHORD
C1	1372.39	287.26	11°59'34"	144.16	N84°17'44"E	286.73	
C2	1372.39	252.57	10°32'41"	126.65	N83°24'18"E	252.22	
C3	30.00	47.91	91°30'04"	30.80	S45°24'20"E	42.88	
C4	1372.39	34.59	1°26'39"	17.30	N89°53'58"E	34.59	
C5	1372.39	113.78	4°45'01"	56.92	N80°40'28"E	113.75	
C6	30.00	14.64	25°57'17"	7.47	N133°56'W	14.49	



ABBREVIATIONS

10' PUE = PUBLIC UTILITY EASEMENTS GRANTED WITH THIS PLAT
R/W = RIGHT-OF-WAY
□ = SET 5/8" REBAR WITH CAP "LS 7719"

ALDRICH LAND
SURVEYING
P.O. BOX 30701, ALBU., N.M. 87190
505-884-1990

Dwg: A04043FFS1.dwg Drawn: STEPHEN Checked: ALS Sheet 2 of 2
Scale: 1" = 30' Date: 10/27/04 Job: A04043

SCANNED
BY PLN

HYDROLOGY NOTES

THE SOUTHWEST CORNER OF THIS SITE IS IN THE 100 YEAR FLOOD PLAIN, ZONE A0, PER F.I.R.M. MAP PANEL 137 DATED 11/19/03. THE BUILDING WILL NOT BE WITHIN THE FLOODPLAIN. A DETENTION POND WILL BE ALONG THE WEST & SOUTH SIDES OF THE SITE.

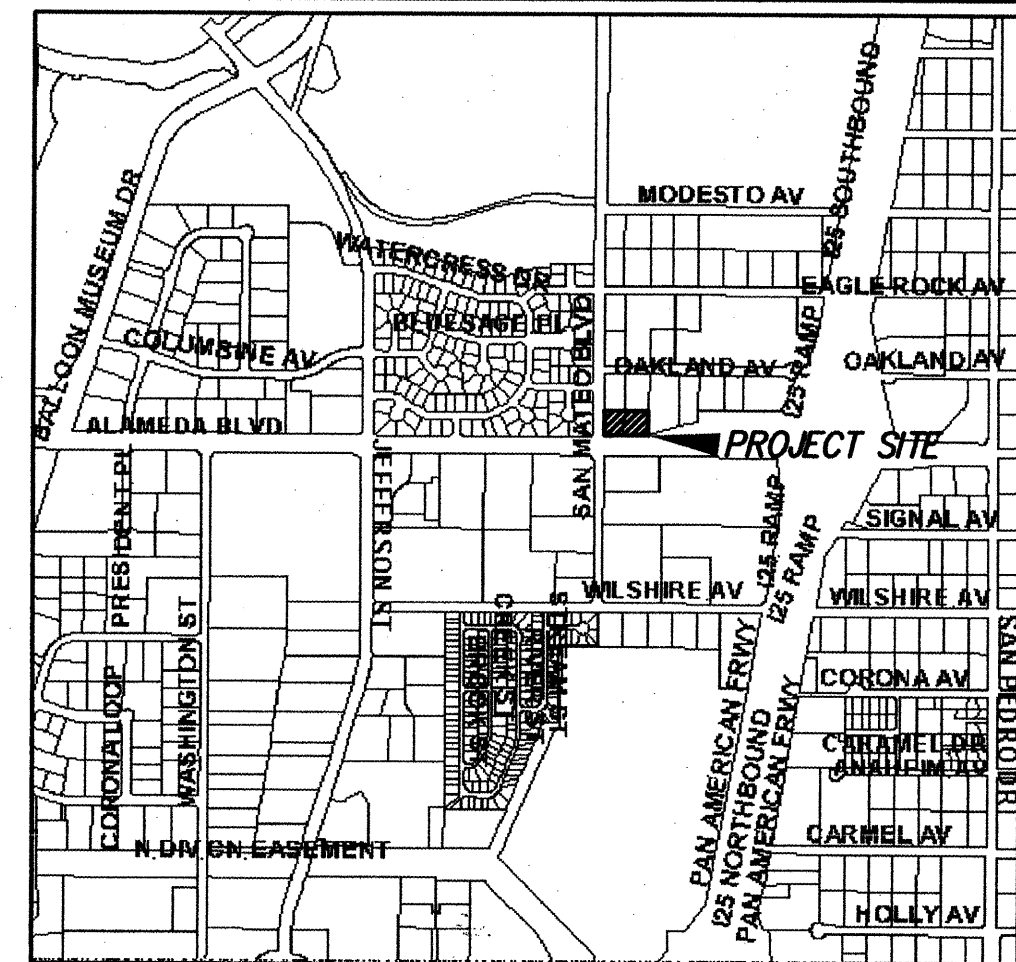
THIS SITE (BASIN "A") IS 1.23 AC. PER AHYMO, THE DEVELOPED FLOW IS 4.93 cfs FOR 62% TYPE "D" & 38% TYPE "B". NO FLOW IS COMING FROM THE NORTH, SOUTH, OR WEST. 0.24 cfs IS COMING FROM THE EAST (BASIN "B") FOR 100% TYPE "A".

PER THE "OAKLAND AVENUE DRAINAGE PLAN" BY JEAN BORDENAVE, 1996, THIS SITE IS IN BASIN "A3", WHICH IS ALLOWED TO DISCHARGE 1.78 cfs/AC. AS A RESULT, THE TOTAL ALLOWABLE DISCHARGE FOR THE COMBINED BASINS IS 2.42 cfs.

PONDING IS NECESSARY TO KEEP THE DISCHARGE BELOW 2.19 cfs. THE ACTUAL DISCHARGE TO SAN MATEO IS 1.47 cfs. THE POND WILL DISCHARGE THRU AN 8" PVC PIPE TO A SIDEWALK CULVERT, TO A 1.5' WIDE CONCRETE CHANNEL, AND FINALLY TO SAN MATEO. THE WATER WILL FLOW NORTH TO INLETS IN SAN MATEO.

NOTES

- CONTRACTOR MUST OBTAIN A TOPSOIL DISTURBANCE PERMIT FROM THE ENVIRONMENTAL HEALTH DIVISION PRIOR TO CONSTRUCTION.
- CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, LATEST EDITION SHALL GOVERN ALL WORK.
- THE CONTRACTOR SHALL CONFORM TO ALL CITY, COUNTY, STATE AND FEDERAL DUST CONTROL MEASURES AND REQUIREMENTS AND WILL BE RESPONSIBLE FOR PREPARING AND OBTAINING ALL NECESSARY APPLICATIONS AND APPROVALS.
- THE CONTRACTOR SHALL ENSURE THAT NO SOIL ERODES FROM THE LOTS INTO PUBLIC RIGHT-OF-WAY. THIS CAN BE ACHIEVED BY CONSTRUCTING TEMPORARY BERMS AND WETTING THE SOIL TO KEEP IT FROM BLOWING.
- THE EARTHWORK CONTRACTOR SHALL STOCKPILE ENOUGH MATERIAL ADJACENT TO RETAINING WALL LOCATIONS TO BE UTILIZED FOR WALL BACKFILL.



VICINITY MAP ZONE MAP: C-17-Z

LEGAL DESCRIPTION

LOT 31-A, BLOCK 11, TRACT A, UNIT B, NORTH ALBUQUERQUE ACRES, SITUATE WITHIN THE ELENA GALLEGOS GRANT, PROJECTED SECTION 13, TOWNSHIP 11 NORTH, RANGE 3 EAST, N.M.P.M., CITY OF ALBUQUERQUE, BERNALILLO COUNTY, NEW MEXICO.

KEYED NOTES

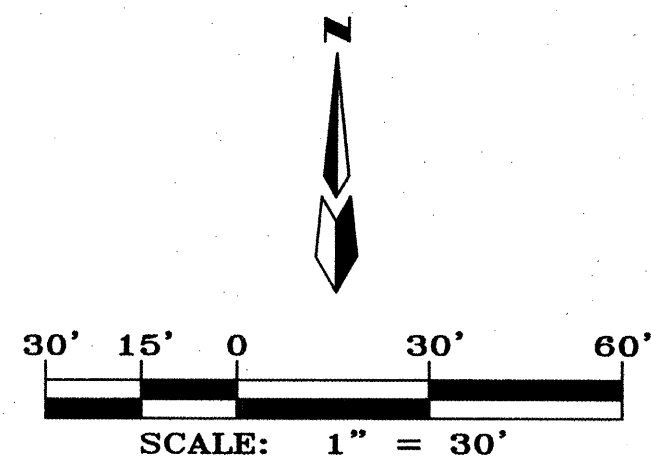
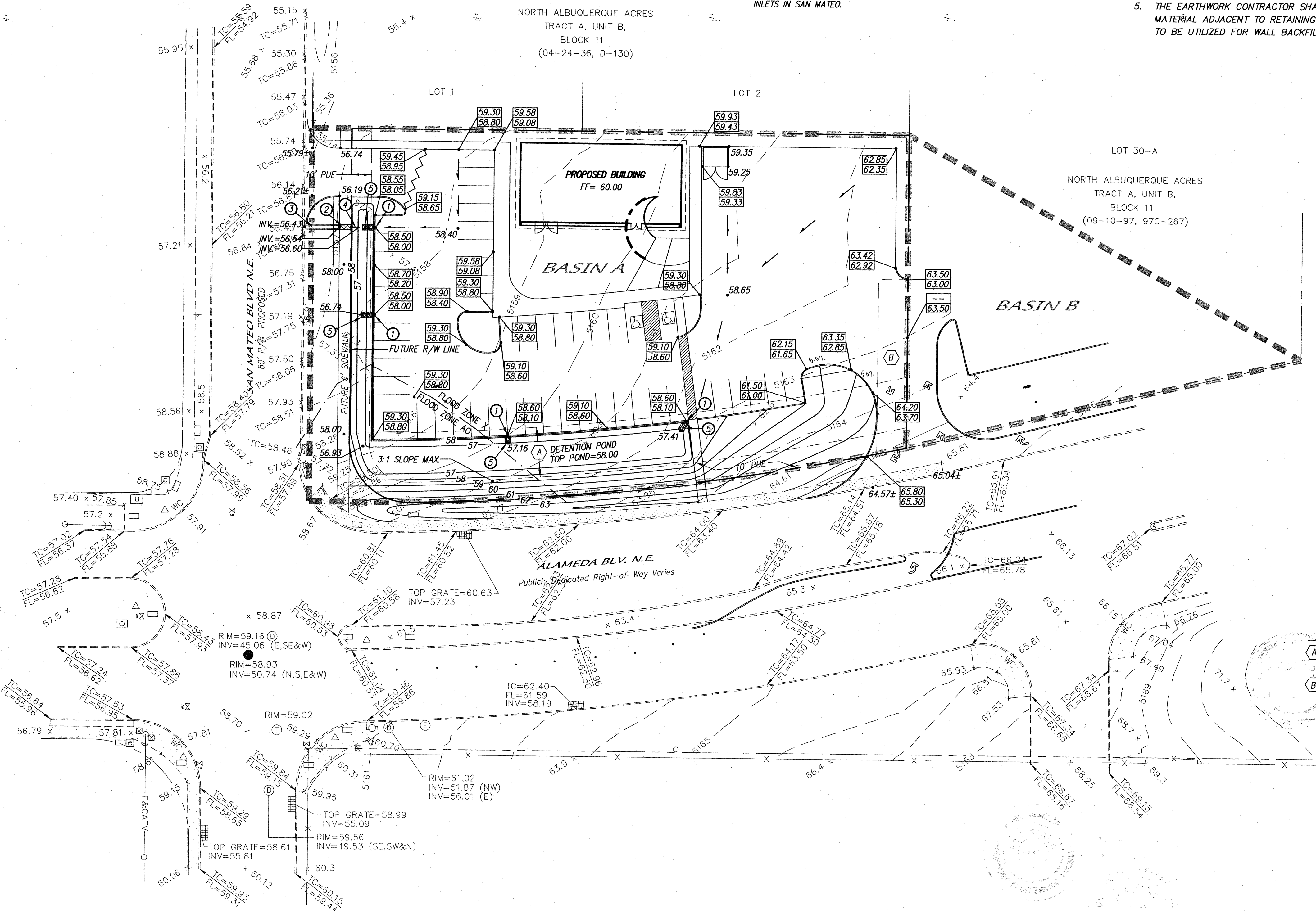
- PROPOSED 1' WIDE CURB OPENING.
- PROPOSED 1.5' WIDE SIDEWALK CULVERT.
- PROPOSED 1.5' WIDE CONCRETE RUNDOWN.
- PROPOSED 4' LONG, 8" PVC PIPE.
- 3' WIDE x 6' LONG x 1' DEEP, 4"-6" RIP-RAP PAD

LEGEND

- 4893 — EXISTING CONTOUR (MAJOR)
- 4895 — EXISTING CONTOUR (MAJOR)
- x 00.00 EXISTING SPOT ELEVATION
- — — — — EXISTING CONCRETE CURB
- TC=64.77 EXISTING TOP OF CURB ELEVATION
- FL=64.30 EXISTING FLOWLINE ELEVATION
- — — — — EXISTING CONCRETE/SIDEWALK
- x x x x EXISTING FENCE
- + EXISTING SIGN
- ⊠ EXISTING STREET LIGHT
- △ EXISTING TRAFFIC LIGHT
- EXISTING SIGNAL PULLBOX
- ⊙ EXISTING STORM SEWER MANHOLE
- ⊞ EXISTING DROP INLET (38' LONG)
- 48.00 PROPOSED SPOT ELEVATION
- 48.00 PROPOSED TOP CURB ELEVATION
- 47.50 PROPOSED FLOWLINE ELEVATION
- 5.0% PROPOSED FLOW DIRECTION
- — — — — NEW CONCRETE CURB
- — — — — NEW BASIN BOUNDARY LINE

EASEMENTS

- (A) 25' PUBLIC WATER & SANITARY SEWER EASEMENT.
- (B) 15' WIDE PRIVATE ACCESS EASEMENT GRANTED TO LOT 30-A FOR THE BENEFIT OF LOT 30-A.



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: **DRIVETIME
GRADING & DRAINAGE PLAN**

DESIGN REVIEW COMMITTEE CITY ENGINEER APPROVAL

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

LAST DESIGN UPDATE

DESIGNED BY **DMG** DATE **07/04**

DRAWN BY **DER** DATE **07/04**

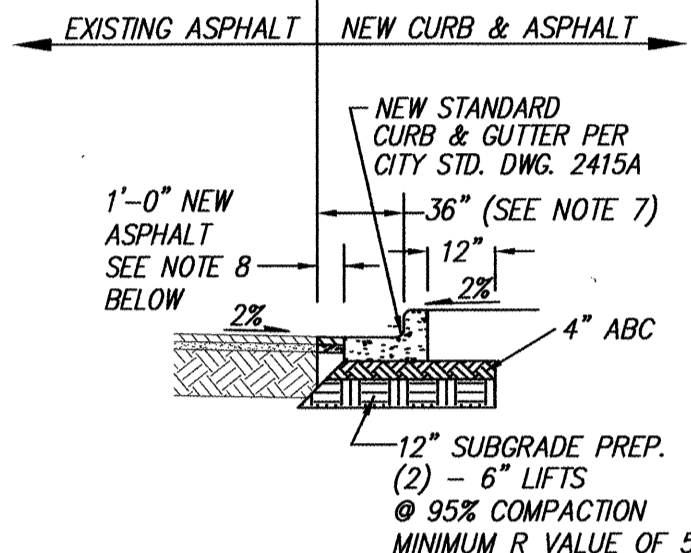
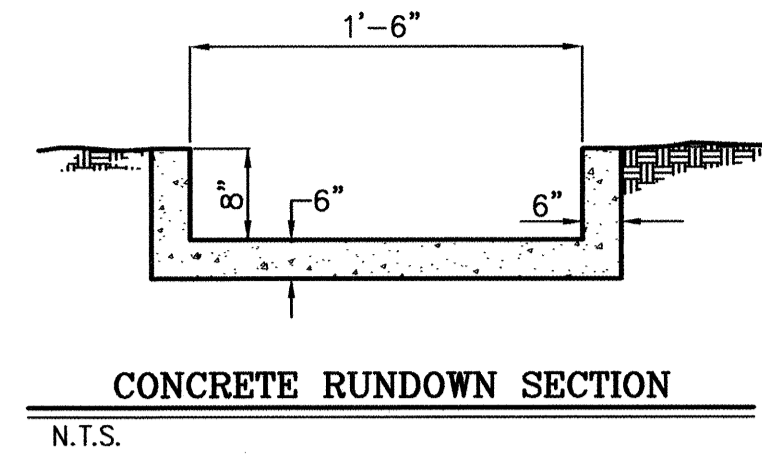
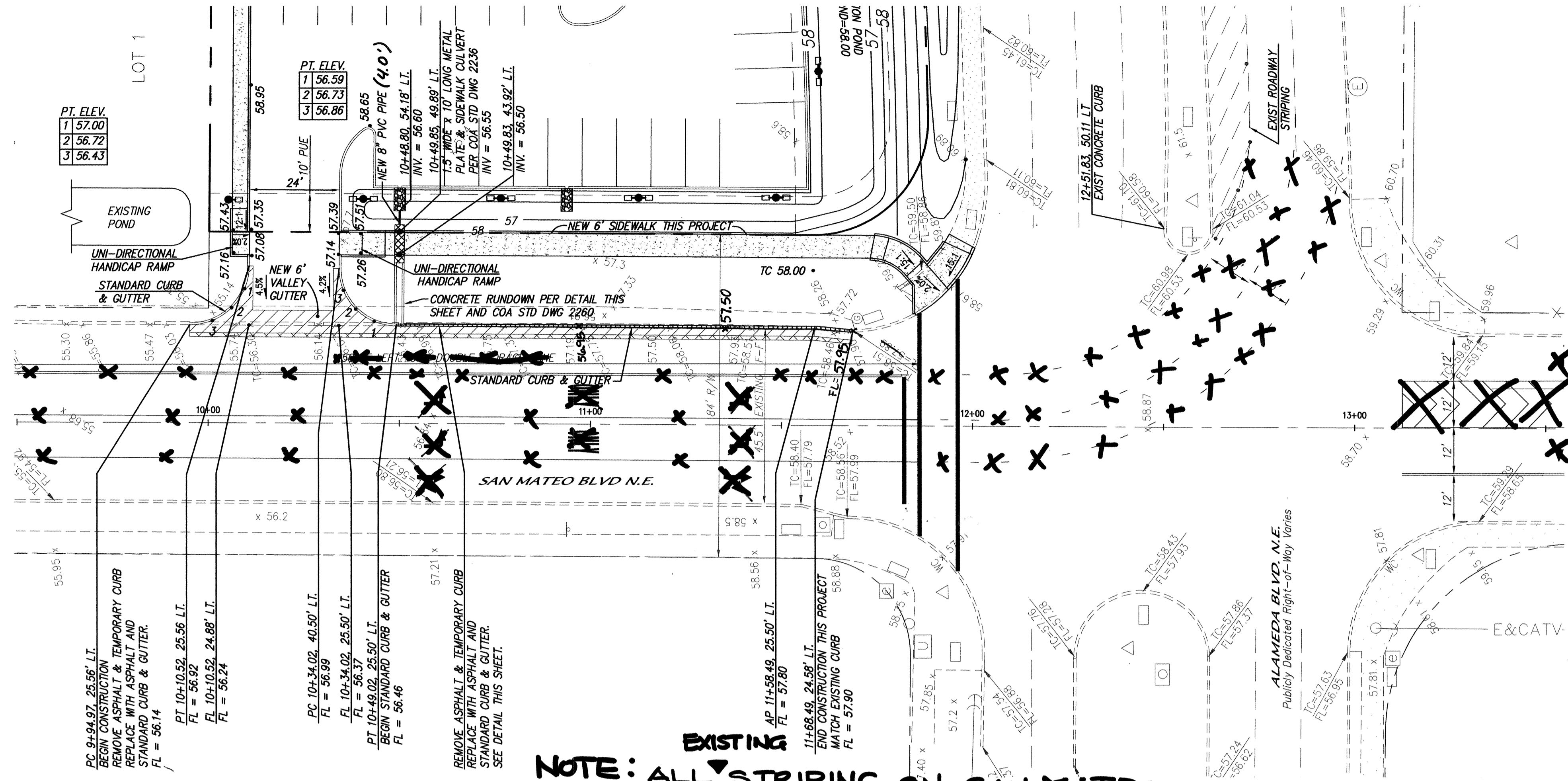
CHECKED BY **DER** DATE **07/04**

CITY PROJECT NO. **748481**

ZONE MAP NO. **C-17-Z**

SHEET **3** OF **7**

SCANNED BY *PLU*



NOTE 8. PAVEMENT SHALL BE PER N.M.D.O.T. #25-027-0678. EXISTING PAVEMENT SECTION ON SAN MATEO: 1-1/2" AC (1800#) SURFACE 2-1/2" AC (1500#) BASE COURSE 6" CONCRETE TREATED BASE 6" SUBGRADE

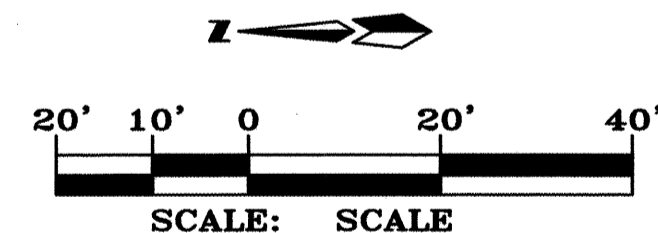
NOTE: ALL STRIPING ON SAN MATEO SHALL REMAIN EXCEPT CROSSWALK AND STOP BAR

NOTES

- 6" VALLEY GUTTERS PER C.O.A. STANDARD DRAWING 2420 AT ALL INTERSECTIONS.
- ALL SIDEWALKS PER COA STANDARD DRAWING 2430.
- SOIL NOT HAVING A MINIMUM R-VALUE OF 50 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.
- UNI-DIRECTIONAL CURB ACCESS RAMP PER C.O.A. STD. DWG. 2426.
- PAVEMENT DONE WITH ONSITE PAVING IMPROVEMENTS.
- CALL DAVE HARMON (857-8691) AT CITY TRAFFIC OPERATIONS PRIOR TO SIGNING AND STRIPING.
- SANMATEO EDGE APPROXIMATELY 3'-0" FROM EXISTING PAVEMENT EDGE.

LEGEND

- EXISTING CONCRETE CURB
- EXISTING CONCRETE/SIDEWALK
- PROPOSED STANDARD CURB & GUTTER
- PROPOSED SIDEWALK
- EXISTING TRAFFIC BOX
- EXISTING STREET LIGHT
- PROPOSED CONCRETE/PAVEMENT
- REMOVE EXISTING PAVEMENT



SAN MATEO BOULEVARD N.E. STA. 9+94.97 TO STA. 11+68.49 SCALE: HORIZ. 1" = 20' VERT. 1" = 5'

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: **DRIVETIME - SAN MATEO BOULEVARD N.E. PAVING IMPROVEMENTS**

DESIGN REVIEW COMMITTEE APPROVED APR 15 2005 DESIGN REVIEW COMMITTEE

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

CITY PROJECT NO. **748481** ZONE MAP NO. **C-17-Z** SHEET **4** OF **7**

AS BUILT CERTIFICATION

I, LARRY MEDRANO, DO HEREBY ATTEST TO THE FACT THAT THE AS CONSTRUCTED INFORMATION SHOWN HEREON IS THE RESULT OF A FIELD SURVEY PERFORMED BY ME OR UNDER MY DIRECT SUPERVISION, AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

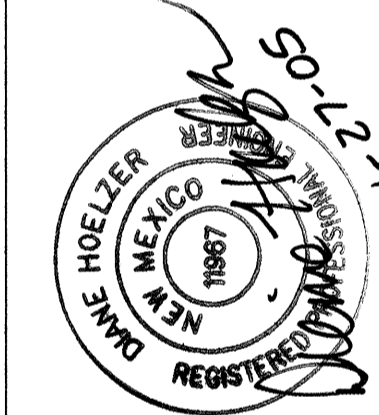
LARRY W. MEDRANO 2/10/06 DATE
NEW MEXICO PROFESSIONAL LAND SURVEYOR NO. 11993

PRECISION SURVEYS, INC. 8714-DUFFERSON STREET, N.E. ALBUQUERQUE, NEW MEXICO 87113 (505) 856-5700

CERTIFICATE OF SUBSTANTIAL COMPLIANCE ON PLANS

I, Diane L. 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 Precision Surveys, Inc., NMPS number 11993.

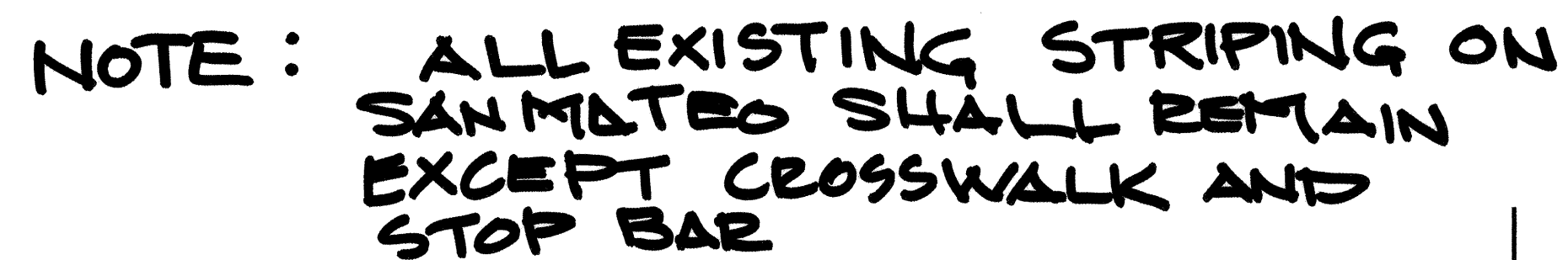
Diane L. Hoelzer 5-22-06
NEW MEXICO 11967 REGISTERED PROFESSIONAL ENGINEER



NO.	DATE	REMARKS	BY

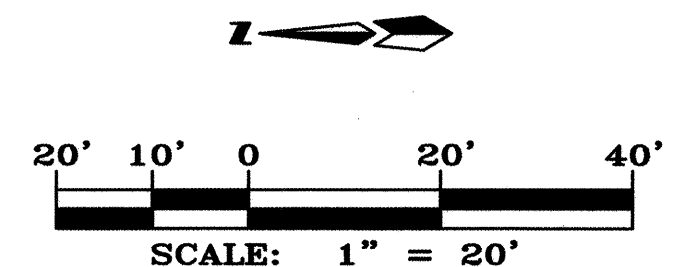
DESIGNED BY	DRAWN BY	CHECKED BY
ALD	DER	DMG
DATE 09/04	DATE 09/04	DATE 09/04

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~~STRIPING ERADICATION SHALL BE ACCOMPLISHED BY WATER BLASTING, OR SURFACE PLANING OF THE ROADWAY TO A MAXIMUM DEPTH OF 0.25 INCHES FOR A WIDTH EQUAL TO TWO TIMES THE WIDTH OF THE STRIPE OR MARKING TO BE REMOVED.~~

~~LEFT TURN STRIPING IN CAMEDA BLVD. OF 2' STRIPES, 6' GAP.~~



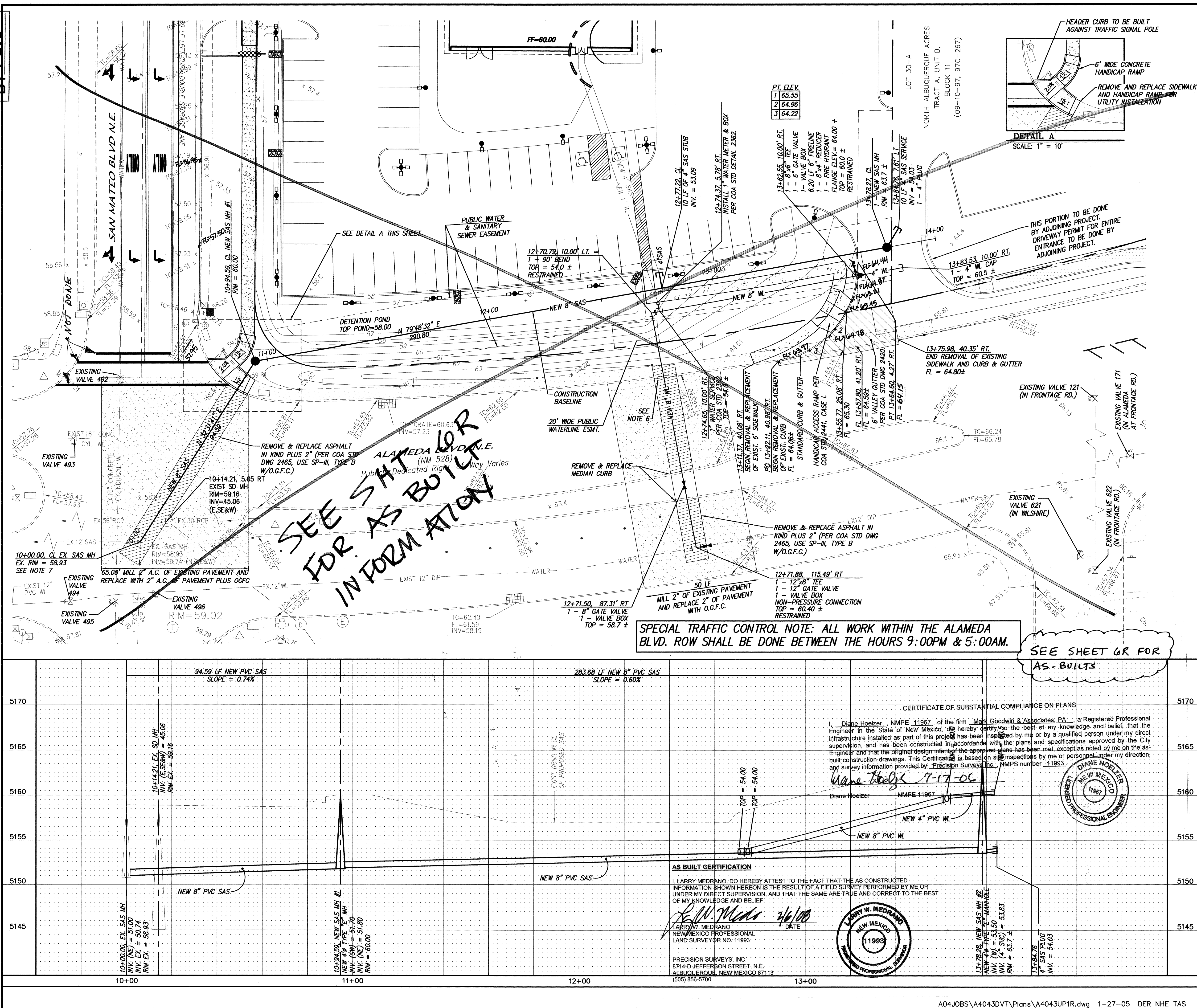
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SCANNED
BY PLW

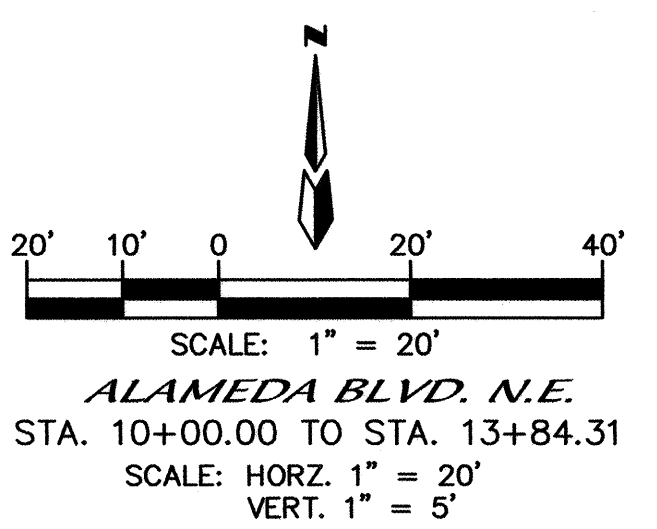


NOTES

1. ALL CONSTRUCTION STATIONING IS BASED ON SANITARY SEWER CENTERLINE (BASELINE).
2. ALL WATERLINE PIPE IS C-900 PVC AND ALL SANITARY SEWER PIPE IS SDR35 PVC UNLESS OTHERWISE NOTED.
3. 3" MIN. COVER ON ALL WATERLINES.
4. 6" VALLEY GUTTERS PER C.O.A. STANDARD DRAWING 2420 AT ALL INTERSECTIONS.
5. ALL SIDEWALKS PER COA STANDARD DRAWING 2430.
6. REMOVE & REPLACE SIDEWALK AND CURB & GUTTER PER COA STD DWG 2415A.
7. FIELD VERIFY EXISTING INVERT BEFORE CONSTRUCTION OF SANITARY SEWER TO MAKE SURE SEWER FLOWS DOWNHILL.
8. ALL VALVE BOXES PER COA STD DWG 2326 AND 2328.
9. SAS SERVICE INTO MANHOLE PER COA STD DWG 2118.

WATER SHUT-OFF PLAN

1. CONTRACTOR WILL CONTACT WATER SYSTEMS AT 857-8200 7 DAYS PRIOR TO NECESSARY SHUT-OFF.
 2. VALVES SHALL ONLY BE OPERATED BY CITY WATER EMPLOYEES.
 3. FOR CONNECTION IN ALAMEDA: CLOSE VALVES 496, 121, 171, 621, AND 622.
- NOTE: VALVES ARE SHOWN IN APPROXIMATE LOCATIONS ONLY.



LEGEND

- EXISTING CONCRETE CURB
- EXISTING SIGN
- EXISTING SANITARY SEWER MANHOLE
- EXISTING WATER VALVE
- EXISTING FIRE HYDRANT
- EXISTING SPRINKLER CONTROL
- EXISTING ELECTRIC PEDESTAL
- EXISTING STREET LIGHT/LOT LIGHT
- EXISTING PULLBOX
- EXISTING TELEPHONE PEDESTAL
- EXISTING CATV PEDESTAL
- EXISTING STORM SEWER MANHOLE
- PROPOSED WATERLINE
- PROPOSED WATER METER
- PROPOSED SANITARY SEWER LINE
- NEW FIRE HYDRANT
- UTILITY TRENCH PRISM
- 2" MILL (EXISTING PAVEMENT)

RESTRAINED JOINT LENGTH FOR BENDS, VALVES, DEAD ENDS (FT.)					
PIPE SIZE	90°	45°	22.5°	11.25°	VALVE
6"	17'	7'	3'	2'	46'
8"	22'	9'	4'	2'	60'

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

RESTRAINED JOINT LENGTH FOR TEES (FT.)		
PIPE SIZE	RUN	BRANCH
8"x8"x6"	7'	5'
12"x12"x8"	8'	5'

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: **DRIVETIME - ALAMEDA BOULEVARD N.E. PAVING & UTILITY IMPROVEMENTS**

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	DATE	MO./DAY/YR.	MO./DAY/YR.
APPROVE APR 15 2005				
DESIGN REVIEW COMMITTEE				
CITY PROJECT NO.	ZONE MAP NO.	SHEET	OF	

748481 C-17-Z 6 7

SPECIAL TRAFFIC CONTROL NOTE: ALL WORK WITHIN THE ALAMEDA BLVD. ROW SHALL BE DONE BETWEEN THE HOURS 9:00PM & 5:00AM.

SEE SHEET 6R FOR AS-BUILTS

AS BUILT CERTIFICATION

I, LARRY MEDRANO, DO HEREBY ATTEST TO THE FACT THAT THE AS CONSTRUCTED INFORMATION SHOWN HEREON IS THE RESULT OF A FIELD SURVEY PERFORMED BY ME OR UNDER MY DIRECT SUPERVISION, AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

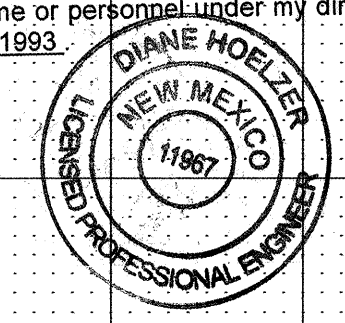
LARRY W. MEDRANO
NEW MEXICO PROFESSIONAL LAND SURVEYOR NO. 11993

PRECISION SURVEYS, INC.
8714-D JEFFERSON STREET, N.E.
ALBUQUERQUE, NEW MEXICO 87113
(505) 856-5700

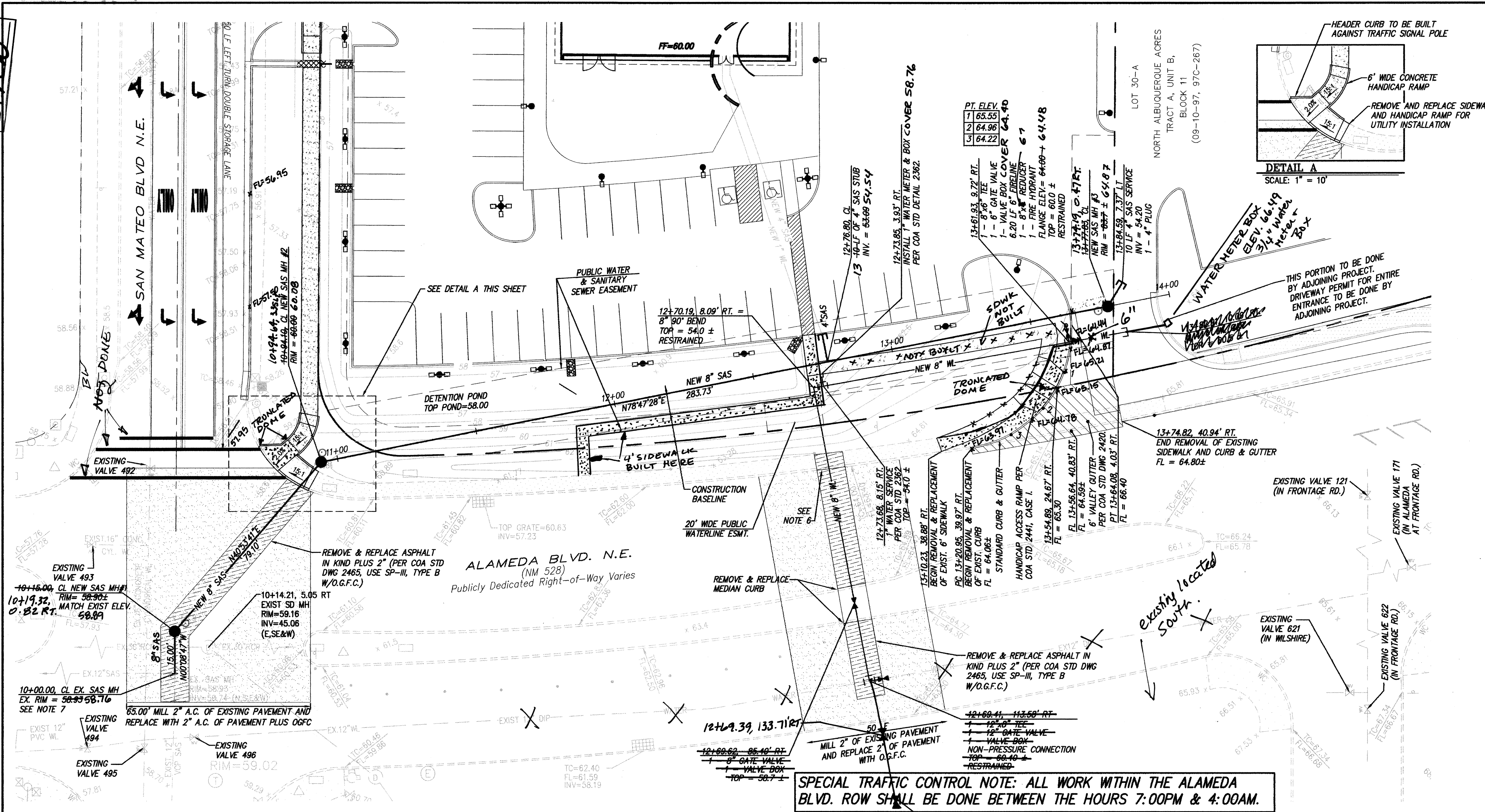
CERTIFICATE OF SUBSTANTIAL COMPLIANCE ON PLANS

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 Certificate is based on site inspections by me or personnel under my direction, and survey information provided by Precision Surveys Inc., NMPS number 11993.

Diane Hoelzer
NMPE 11967



SCANNED BY AL



NOTES

- ALL CONSTRUCTION STATIONING IS BASED ON SANITARY SEWER CENTERLINE (BASELINE).
- ALL WATERLINE PIPE IS C-900 PVC AND ALL SANITARY SEWER PIPE IS SDR35 PVC UNLESS OTHERWISE NOTED.
- 3" MIN. COVER ON ALL WATERLINES.
- 6" VALLEY GUTTERS PER C.O.A. STANDARD DRAWING 2420 AT ALL INTERSECTIONS.
- ALL SIDEWALKS PER COA STANDARD DRAWING 2430.
- REMOVE & REPLACE SIDEWALK AND CURB & GUTTER PER COA STD DWG 2415A.
- FIELD VERIFY EXISTING INVERT BEFORE CONSTRUCTION OF SANITARY SEWER TO MAKE SURE SEWER FLOWS DOWNHILL.
- ALL VALVE BOXES PER COA STD DWG 2326 AND 2328.
- SAS SERVICE INTO MANHOLE PER COA STD DWG 2118.

WATER SHUT-OFF PLAN

- CONTRACTOR WILL CONTACT WATER SYSTEMS AT 857-8200 7 DAYS PRIOR TO NECESSARY SHUT-OFF.
- VALVES SHALL ONLY BE OPERATED BY CITY WATER EMPLOYEES.
- FOR CONNECTION IN ALAMEDA: CLOSE VALVES 496, 121, 171, 621, AND 622.

NOTE: VALVES ARE SHOWN IN APPROXIMATE LOCATIONS ONLY.

ALAMEDA BLVD. N.E.
STA. 10+00.00 TO STA. 13+84.31
SCALE: HORIZ. 1" = 20'
VERT. 1" = 5'

LEGEND

EXISTING CONCRETE CURB	EXISTING SIGN	EXISTING SANITARY SEWER MANHOLE	EXISTING WATER VALVE	EXISTING FIRE HYDRANT	EXISTING SPRINKLER CONTROL	EXISTING ELECTRIC PEDESTAL	EXISTING STREET LIGHT/LOT LIGHT	EXISTING PULLBOX	EXISTING TELEPHONE PEDESTAL	EXISTING CATV PEDESTAL	EXISTING STORM SEWER MANHOLE
NEW WL	PROPOSED WATERLINE	PROPOSED WATER METER	NEW SAS	PROPOSED SANITARY SEWER LINE	NEW FIRE HYDRANT	UTILITY TRENCH PRISM	2" MILL (EXISTING PAVEMENT)				

RESTRAINED JOINT LENGTH FOR BENDS, VALVES, DEAD ENDS (FT.)					
PIPE SIZE	90°	45°	22.5°	11.25°	VALVE
6"	17'	7'	3'	2'	46'
8"	22'	9'	4'	2'	60'

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

RESTRAINED JOINT LENGTH FOR TEES (FT.)		
PIPE SIZE	RUN	BRANCH
8"x8"x6"	7'	5'
12"x12"x8"	8'	5'

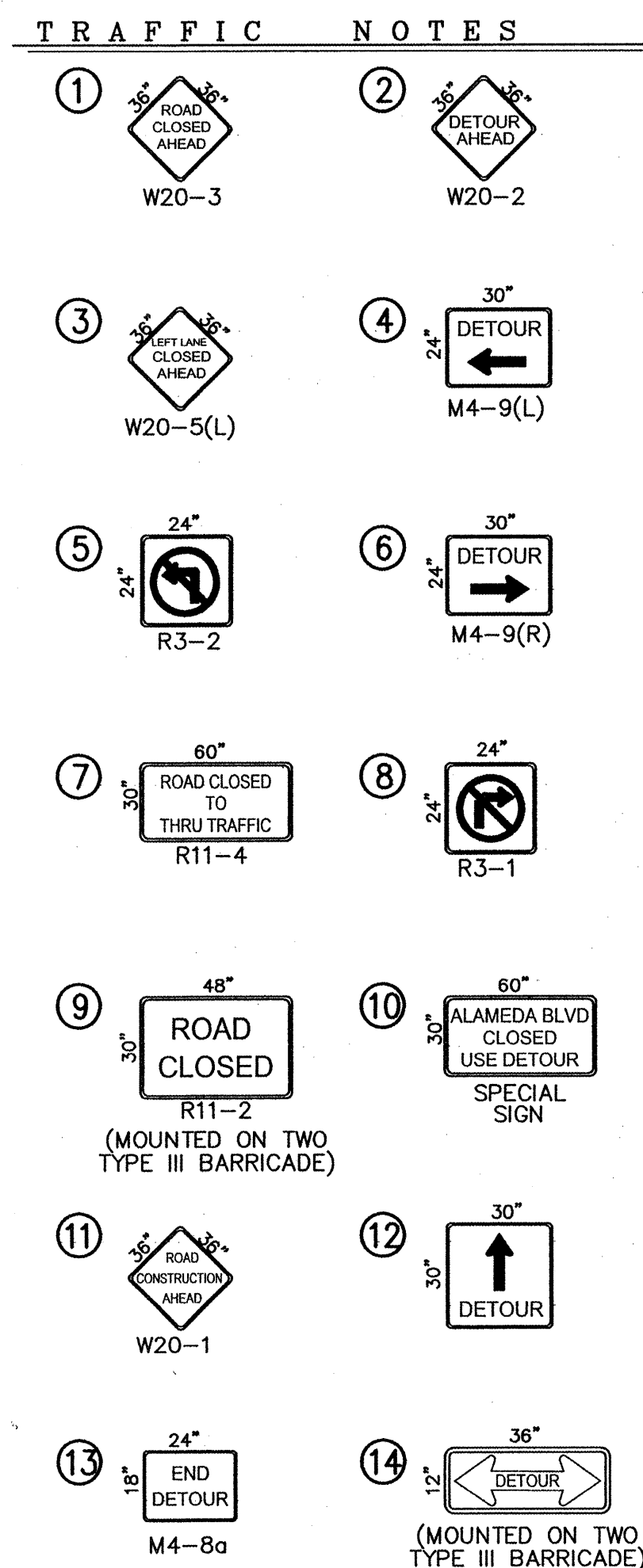
dmg MARK GOODWIN & ASSOCIATES, P.A.
CONSULTING ENGINEERS
P.O. BOX 90606
ALBUQUERQUE, NEW MEXICO 87199
(505) 828-2200, FAX (505) 797-9539


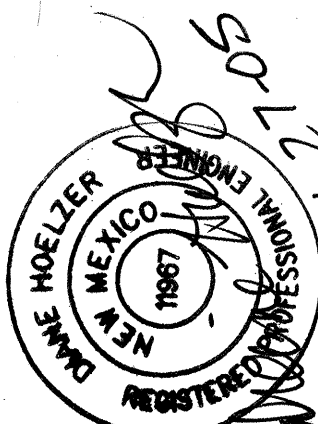

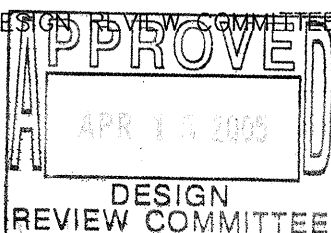
CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT


TITLE: **DRIVETIME - ALAMEDA BOULEVARD N.E. PAVING & UTILITY IMPROVEMENTS**

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	DATE	MO./DAY/YR.	MO./DAY/YR.

CITY PROJECT NO. **748481** ZONE MAP NO. **C-17-Z** SHEET **6R** OF **7**



 MARK GOODWIN & ASSOCIATES, P.A. CONSULTING ENGINEERS P.O. BOX 90606 ALBUQUERQUE, NEW MEXICO 87199 (505) 828-2200, FAX (505) 797-9539		ENGINEER'S SEAL																													
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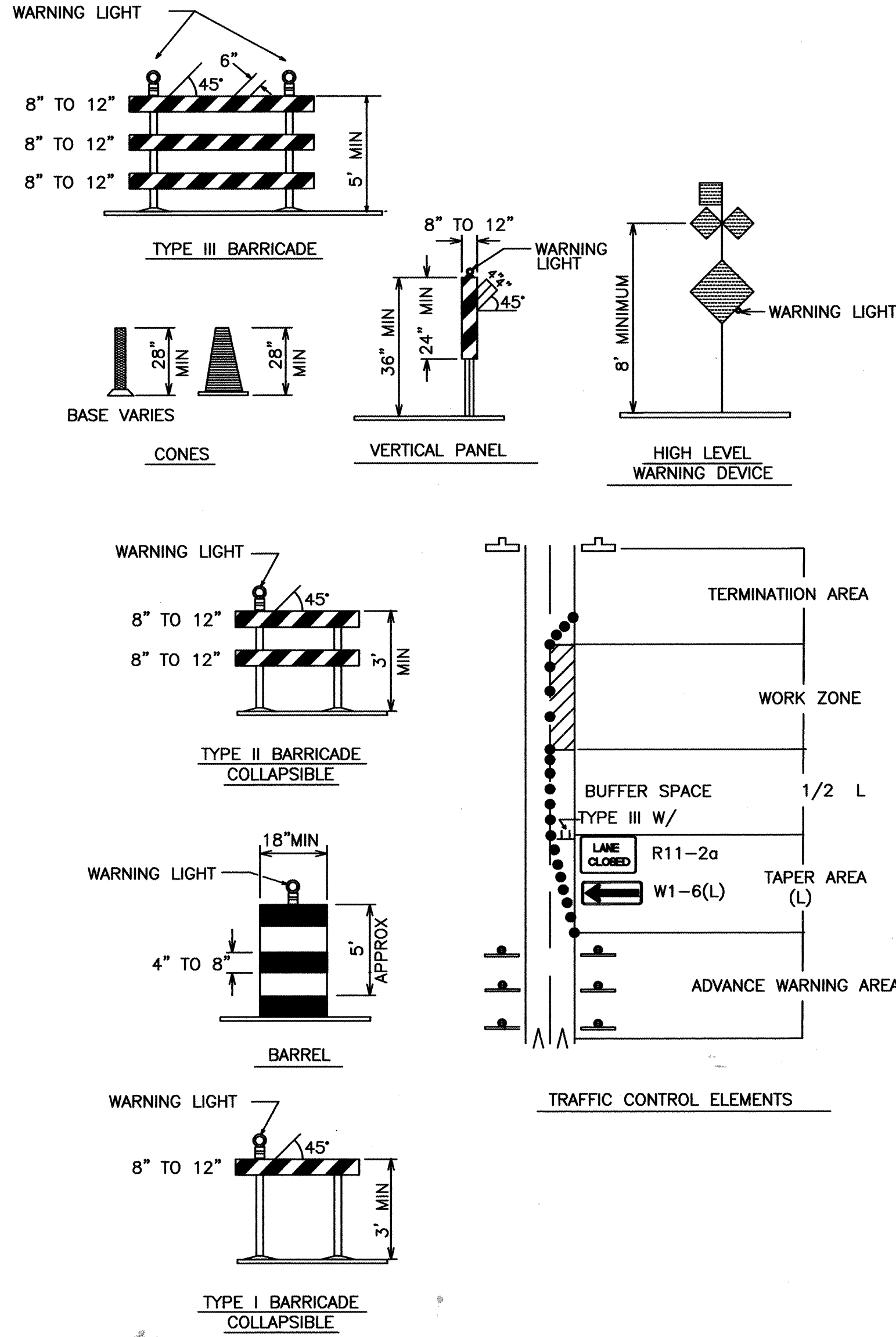
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DESIGN REVIEW COMMITTEE C.O.A. STANDARD	CITY ENGINEER APPROVAL C.O.A. STANDARD	LAST DESIGN UPDATE	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; text-align: center;">MO./DAY/YR.</td> <td style="width: 50%; text-align: center;">MO./DAY/YR.</td> </tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> </table>	MO./DAY/YR.	MO./DAY/YR.										
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CONSTRUCTION TRAFFIC CONTROL GENERAL NOTES

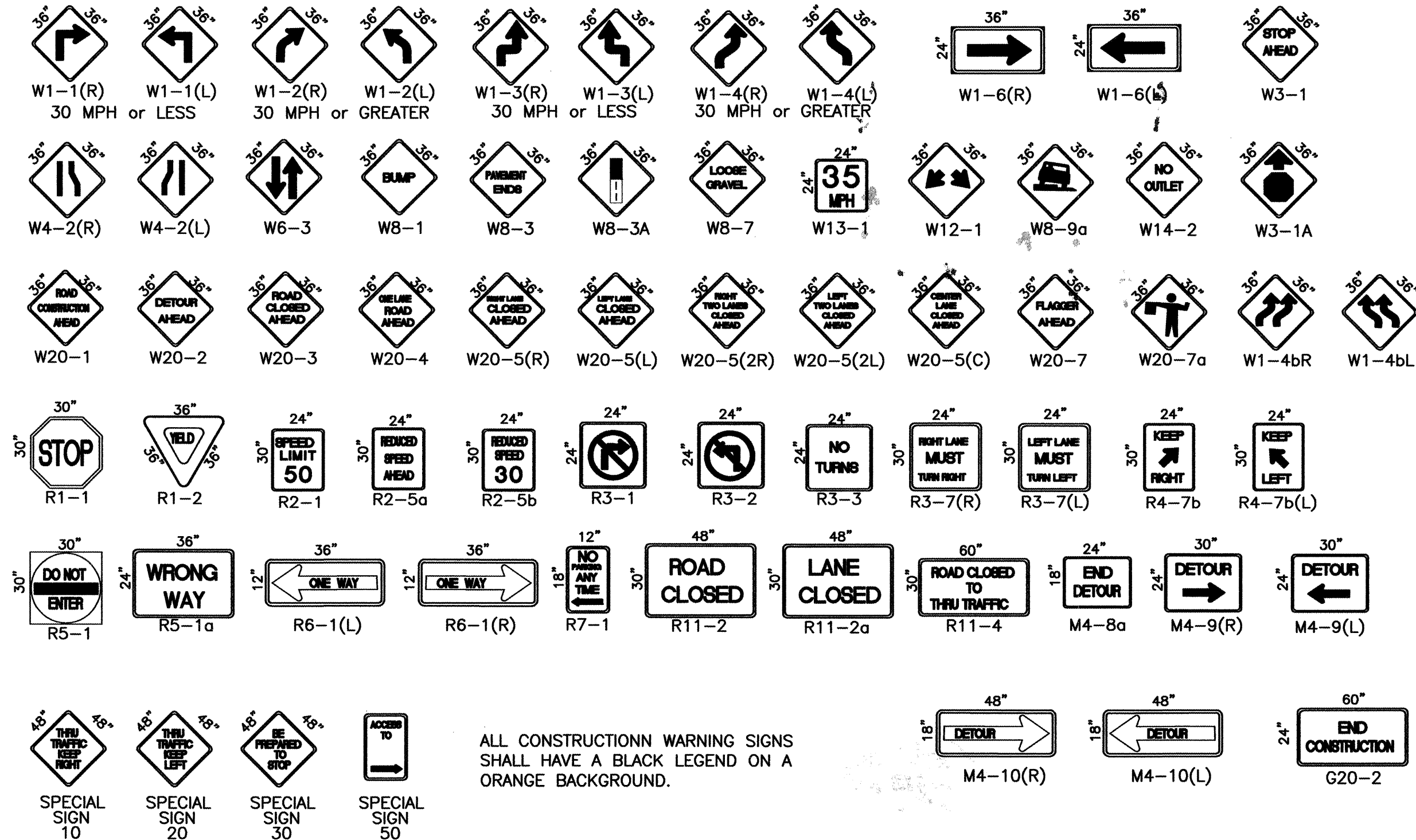
1. CONTRACTOR MUST OBTAIN FROM CONSTRUCTION COORDINATION AN EXCAVATION/BARRICADING PERMIT BEFORE ENGAGING IN ANY CONSTRUCTION, MAINTENANCE OR REPAIR WORK IN ANY OF THE CITY OF ALBUQUERQUE'S RIGHTS-OF-WAY. EMERGENCY WORK THAT WOULD PRESERVE LIFE OR PROPERTY IS EXCLUDED WITH THE UNDERSTANDING, THAT A PERMIT SHALL BE OBTAINED WITHIN 24 TO 48 HOURS.
2. CONTRACTOR SHALL AT THE TIME OF PERMIT REQUEST, SUBMIT FOR APPROVAL BY CONSTRUCTION COORDINATION, A TRAFFIC CONTROL PLAN DETAILING ALL EXISTING TOPOGRAPHY SUCH AS LANE WIDTHS, DRIVEWAYS, AND BUSINESS/RESIDENTIAL ACCESSES. THE TRAFFIC CONTROL PLAN SHALL INCLUDE ALL PHASES OF WORK AND SCHEDULES INVOLVED IN THE CONSTRUCTION PROJECT. ANY SEPARATE PHASES OF A CONSTRUCTION PROJECT SHALL BE GIVEN AN INDIVIDUAL PERMIT EACH. BLANKET PERMITS WILL NOT BE ISSUED.
3. THESE TYPICAL TRAFFIC CONTROL PLANS DO NOT REFLECT THE EXISTING TOPOGRAPHY SUCH AS DRIVEWAYS, LANE WIDTHS, AND BUSINESS/RESIDENTIAL ACCESSES. EVERY LOCATION THAT REQUIRES CONSTRUCTION TRAFFIC CONTROL SHALL HAVE A DETAILED TRAFFIC CONTROL PLAN SHOWING ALL EXISTING TOPOGRAPHY.
4. CONSTRUCTION SHALL NOT BEGIN UNLESS A TRAFFIC CONTROL PLAN HAS BEEN APPROVED AND VERIFIED BY CONSTRUCTION COORDINATION.
5. CONSTRUCTION COORDINATION SHALL BE NOTIFIED 48 HOURS PRIOR TO ANY TRAFFIC CONTROL CHANGES NEEDED BY CONTRACTOR, THAT WERE NOT PREVIOUSLY APPROVED. THESE TRAFFIC CONTROL CHANGES SHALL BE REQUESTED IN WRITING ACCOMPANIED WITH A TRAFFIC CONTROL PLAN REFLECTING SUCH CHANGES.
6. ALL CONSTRUCTION TRAFFIC CONTROL DEVICES SHALL COMPLY TO THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), LATEST EDITION. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO INSTALL, SERVICE AND MAINTAIN ALL TRAFFIC CONTROL DEVICES. TRAFFIC CONTROL DEVICES SHALL NOT BE REMOVED OR ALTERED IN ANY WAY WITHOUT THE APPROVAL OF CONSTRUCTION COORDINATION, PER SECTION 6A-4 OF THE MUTCD, LATEST EDITION.
7. THE CONSTRUCTION TRAFFIC CONTROL INITIAL SET-UP SHALL BE BY AN AMERICAN TRAFFIC SAFETY SERVICES ASSOCIATION (ATSSA) CERTIFIED WORKSITE TRAFFIC SUPERVISOR. THE MAINTENANCE AND SERVICING SHALL ALSO BE DONE BY AN ATSSA CERTIFIED WORKSITE TRAFFIC SUPERVISOR OR EQUIVALENT.
8. CONTRACTOR IS RESPONSIBLE TO MAINTAIN AND SERVICE ALL TRAFFIC CONTROL DEVICES 24 HOURS A DAY, 7 DAYS A WEEK THROUGHOUT LENGTH OF PROJECT. CONTRACTOR IS RESPONSIBLE THAT ALL TRAFFIC CONTROL DEVICES COMPLY WITH THE MUTCD, LATEST EDITION.
9. ALL ADVANCE WARNING SIGNS SHALL BE DOUBLE INDICATED WHENEVER THERE ARE MULTI-LANE TRAFFIC IN ANY ONE GIVEN DIRECTION AND THERE IS SUFFICIENT MEDIAN SPACE.
10. ALL BARRICADES IN ALL TAPERS AND TANGENTS SHALL BE PLACED APART, A DISTANCE MEASURED IN FEET, EQUAL TO THAT OF THE POSTED SPEED LIMIT. NO EXCEPTIONS UNLESS APPROVED BY CONSTRUCTION COORDINATION PER MUTCD SECTION 6A-4.
11. ALL WORK IN ARTERIAL ROADWAYS SHALL BE ON A CONTINUOUS 24 HOUR PER DAY BASIS UNTIL COMPLETED.
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.



SIGN FACE DETAILS



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

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

TAPER CRITERIA

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

TAPER LENGTH COMPUTATION

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

		CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING DEVELOPMENT GROUP	
TITLE: DRIVETIME - SAN MATEO BOULEVARD N.E. TRAFFIC CONTROL			
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C.O.A. STANDARD	C.O.A. STANDARD		
CITY PROJECT NO.	ZONE MAP NO.	SHEET	OF
748481	C-17-Z	7C	7

AS-BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		ENGINEER'S SEAL		C.O.A. STANDARD	
CONTRACTOR	DATE	CONTRACTOR	DATE	NO.	BY	DATE	J.D.L.	J.D.L.	J.D.L.
STANDARD BY	DATE	INSPECTOR'S	DATE						
FIELD	DATE	FIELD	DATE						
DEVELOPMENT BY	DATE	DEVELOPMENT BY	DATE						
CORRECTED BY	DATE	CORRECTED BY	DATE						
MICRO-FILM INFORMATION	DATE	MICRO-FILM INFORMATION	DATE						
RECORDED BY	DATE	RECORDED BY	DATE						
NO.		NO.							