

LANDS OF NUANES, LOTS 'A' - 'I'
ALBUQUERQUE, NEW MEXICO
WATER AND SEWER
CONSTRUCTION
GUADALUPE TRAIL NW

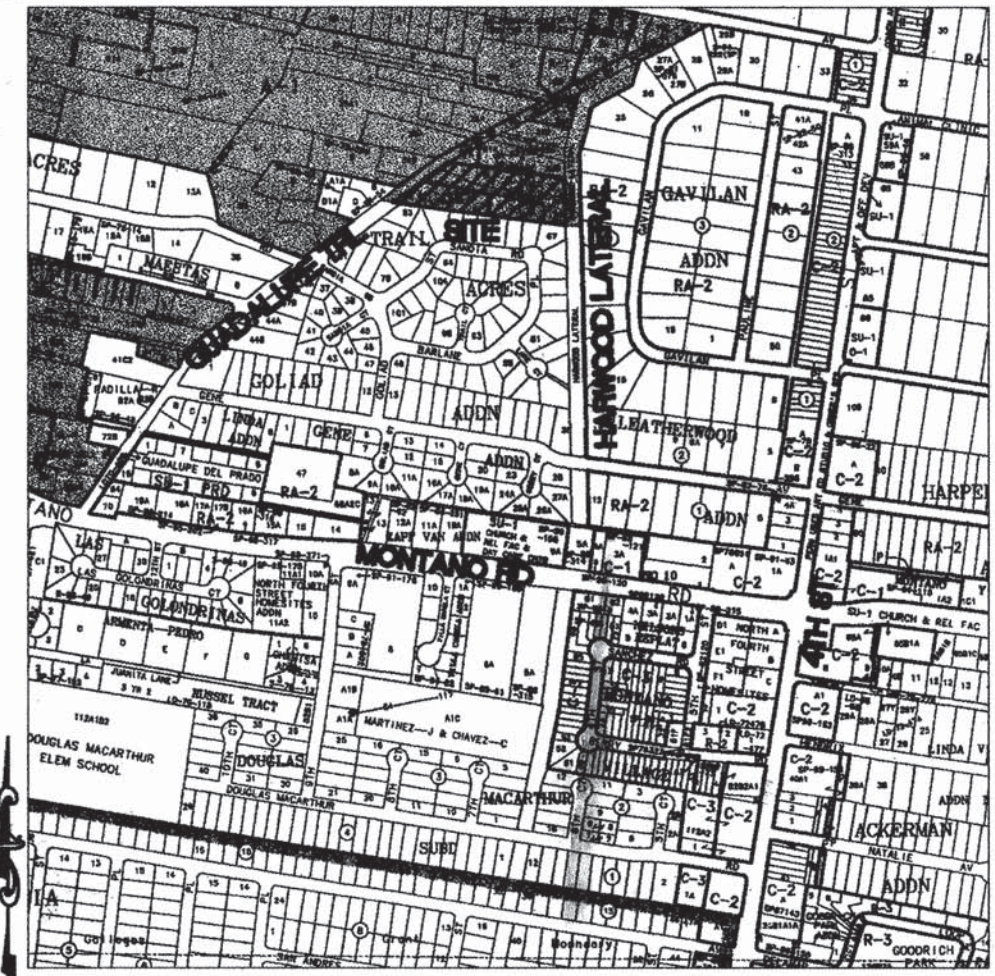
INDEX OF DRAWINGS

SHEET NO.	DESCRIPTION
1	TITLE SHEET
2	SUBDIVISION PLAT
3	PLAN AND PROFILE
4	UTILITY DETAILS
5	TYPICAL TRAFFIC CONTROL & SIGNING EXAMPLES
6	SIGNING AND CONSTRUCTION TRAFFIC CONTROL STANDARDS

BERNALILLO COUNTY GENERAL NOTES

THESE NOTES APPLY ONLY TO TRAFFIC CONTROL AND PAVEMENT CUT AND PATCHING OPERATIONS.

- INSPECTION BY BERNALILLO COUNTY PUBLIC WORKS DEPARTMENT IS REQUIRED. CONTRACTOR MUST OBTAIN PERMITS AT BERNALILLO COUNTY PUBLIC WORKS DIVISION. PHONE 848-1520.
- ANY PAVEMENT REQUIRING REPAIR OR REPLACEMENT SHALL BE SAW CUT THE ENTIRE DEPTH OF THE ASPHALT. SAW CUT PAVEMENT SHALL BE A MINIMUM OF TWO FEET WIDER THAN THE TRENCH SECTION ON EACH SIDE.
- ANY CONCRETE REQUIRING REPAIR OR REPLACEMENT MUST BE SAW CUT A MINIMUM OF 2/3 THE DEPTH OF THE SLAB. SAW CUT PROFILE CONCRETE (CURB AND GUTTER) COMPLETELY OR REMOVE CONCRETE TO THE NEAREST STONE OR CONSTRUCTION JOINT.
- PRIOR TO REPLACING ANY PAVEMENT OR CONCRETE, CONTRACTOR SHALL COORDINATE WITH BERNALILLO COUNTY TO HAVE AN INSPECTOR VERIFY THE EXISTING THICKNESS. THE REPLACEMENT PAVEMENT SECTION SHALL EQUAL OR EXCEED THE THICKNESS AND QUALITY OF THE EXISTING PAVEMENT.
- ALL ASPHALT, CURB AND GUTTER, SIDEWALK, OR ANY OTHER PUBLIC OR PRIVATE INFRASTRUCTURE COMPONENT DAMAGED BY CONSTRUCTION SHALL BE REPAIRED OR REPLACED BY THE CONTRACTOR TO EQUAL OR BETTER CONDITION THAN EXISTED PRIOR TO CONSTRUCTION. IT IS THE CONTRACTOR'S SOLE RESPONSIBILITY TO PROVIDE EVIDENCE OR PRIOR CONDITION IN THE EVENT OF A DISPUTE.
- BARRICADING AND CONSTRUCTION PERMITS MUST BE OBTAINED FROM BERNALILLO COUNTY PUBLIC WORKS DEPARTMENT AT LEAST 48 HOURS PRIOR TO BEGINNING ANY CONSTRUCTION EFFORTS.
- THE CONSTRUCTION PROCESS AND THE COMPLETED CONSTRUCTION SHALL IN NO WAY ALTER ANY EXISTING DRAINAGE PATTERNS AND MUST NOT IMPACT SURROUNDING PROPERTIES.



VICINITY MAP ZONE ATLAS F-14

CITY OF ALBUQUERQUE GENERAL NOTES

THESE NOTES APPLY TO ALL PHASES OF THE WORK EXCEPT TRAFFIC CONTROL AND PAVEMENT CUT AND PATCH OPERATIONS.

- 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 AMENDED WITH UPDATE NO. 6. AND BERNALILLO COUNTY STREET STANDARDS.
- 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 SO THAT THE CONFLICT CAN BE RESOLVED WITH MINIMUM DELAY.
- WARNING - THE ENGINEER HAS UNDERTAKEN NO VERIFICATION OF THE EXISTENCE, LOCATION, SIZE, DEPTH, OR TYPE OF UNDERGROUND UTILITY WITHIN THE CONSTRUCTION AREA AND MAKES NO REPRESENTATION PERTAINING TO THESE UTILITIES. THE UTILITIES THAT HAVE BEEN SHOWN ARE BASED ON AVAILABLE INFORMATION FROM THE OWNER, UTILITY COMPANIES, GOVERNING AGENCY, OR OTHERS. THIS INFORMATION MAY BE INCOMPLETE, INACCURATE, OR OBSOLETE. THE CONTRACTOR SHALL CONTACT THE LINE LOCATION SERVICE AT 280-1990 AT LEAST TWO (2) FULL WORKING DAYS PRIOR TO START OF CONSTRUCTION TO HAVE THE UTILITIES SPOTTED. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR MAINTAINING THE EXISTING UTILITIES THROUGHOUT THE CONSTRUCTION OF THIS PROJECT. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR REPAIR OR REPLACEMENT OF ANY UTILITIES DAMAGED DURING CONSTRUCTION TO THE SATISFACTION OF THE GOVERNING AUTHORITIES HAVING JURISDICTION OVER THE UTILITY THAT HAS BEEN DAMAGED.
- TRAFFIC CONTROL SHALL BE PERMITTED BY BERNALILLO COUNTY PER THE GENERAL NOTES BELOW.
- THE CONTRACTOR SHALL PROMPTLY CLEAN UP ANY MATERIAL EXCAVATED WITHIN THE PUBLIC RIGHT-OF-WAY SO THAT THE EXCAVATED MATERIAL IS NOT SUSCEPTIBLE TO BEING WASHED DOWN THE STREET.
- THE CONTRACTOR IS RESPONSIBLE FOR PROTECTING AND MAINTAINING ALL EXISTING MONUMENTATION CONTROLS. IN THE EVENT OF INADVERTENT DESTRUCTION OR ALTERATION THE CONTRACTOR MUST IMMEDIATELY NOTIFY THE CITY CHIEF SURVEYOR.
- ALL ROADWAY STRIPING ALTERED OR DESTROYED SHALL BE REPLACED WITH PLASTIC REFLECTIVE PAVEMENT MARKING BY THE CONTRACTOR AT THE ORIGINAL LOCATION OR AS INDICATED BY THIS PLAN SET.
- ALL EXCAVATION, TRENCHING AND SHORING ACTIVITIES MUST BE CARRIED-OUT IN ACCORDANCE WITH 'OSHA 29 CFR 1926.650' SUBPART 'P'.

AS-CONSTRUCTED
I, PHILIP W. CLARK, OF CLARK CONSULTING ENGINEERS, 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 OBSERVED 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 NOTED BY ME ON THE AS-BUILT THE APPROVED PLANS HAS BEEN MET, EXCEPT AS NOTED BY ME ON THE AS-BUILT CONSTRUCTION UNDER MY DIRECTION AND SUPERVISION. INSPECTIONS PROVIDED BY Philip W. Turner NMPS # 10204

APPROVED FOR CONSTRUCTION

BERNALILLO COUNTY PUBLIC WORKS DIVISION

BY: TJ Paul DATE: 4/16/03

LARRY READ & ASSOCIATES, Inc.
Civil Engineers
4800-C Juan Tabo Blvd. NE
Albuquerque, New Mexico 87111
(505) 237-8421

APPROVED AS RECORD DRAWINGS
DESIGN REVIEW SECTION
CITY ENGINEER
DATE: 4/16/03

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
26 6281.81 81 64

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

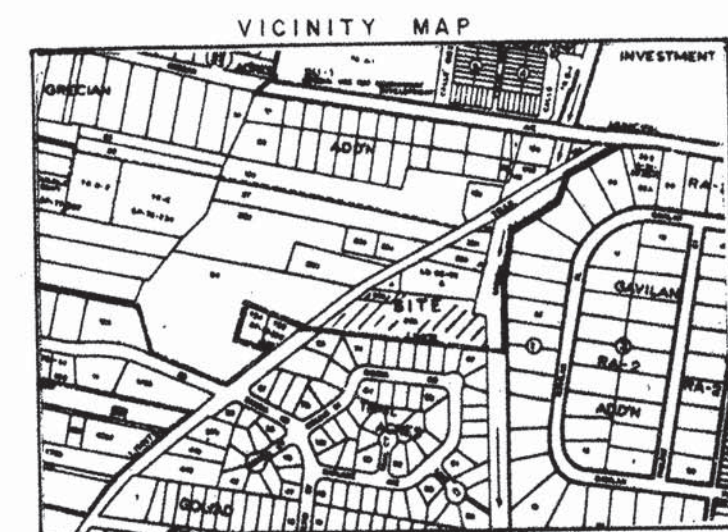
SCANNED BY
MESA REPRO

88 33665

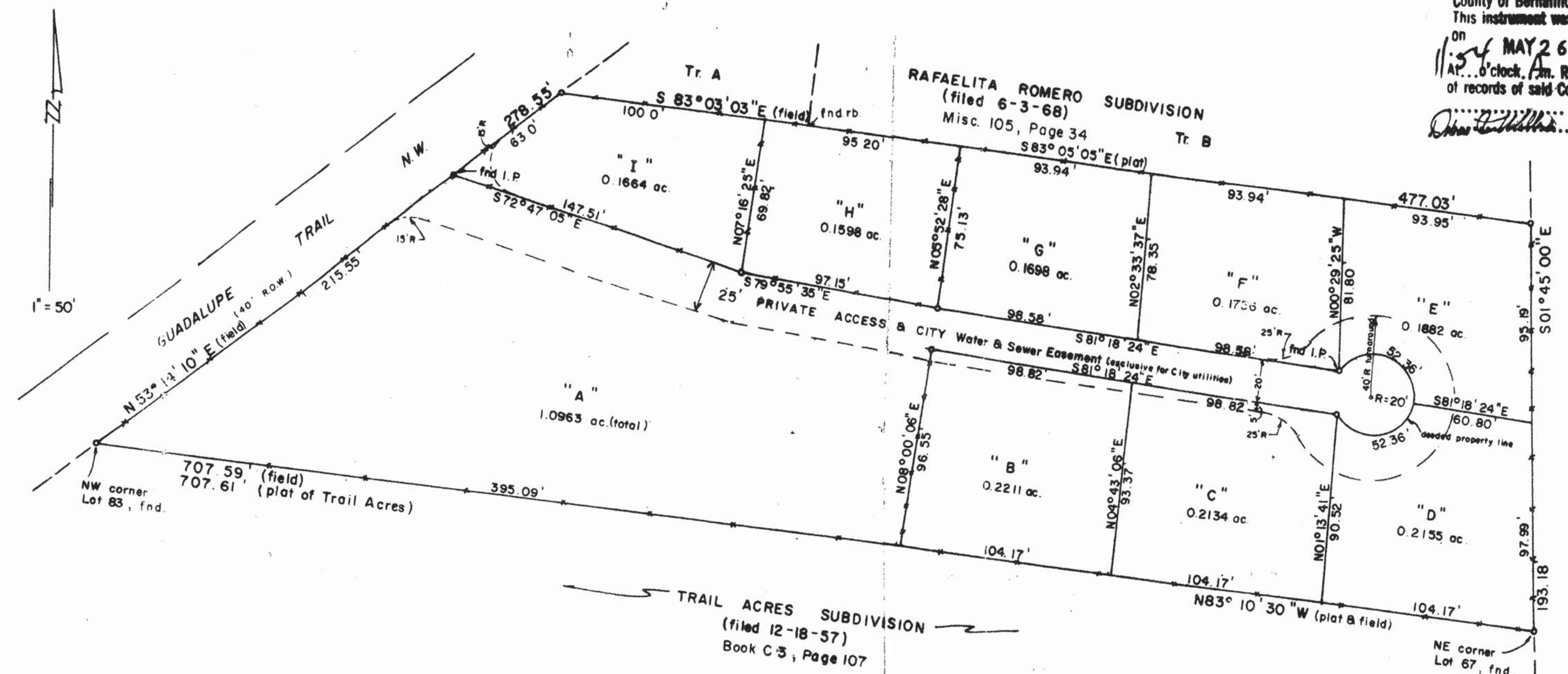
State of New Mexico) SS
County of Bernalillo)
This instrument was filed for record

on MAY 26 1983
at 11:24 a.m. Recorded in Vol. 621
of records of said County Folio 83
Clerk & Recorder
Deputy Clerk

PLAT OF
LANDS OF NUANES
TRACTS 36-a and 36-b, M.R.G.C.D. MAP 32
SEC. 32, T11N, R3E, N.M.P.M.
Bernalillo County, New Mexico
February 1983



F-14-7



LEGAL DESCRIPTION

A certain Tract of land situate within Section 32, Township 11 North, Range 3 East, N.M.P.M., Bernalillo County, New Mexico, comprising of Tracts 36-a and 36-b on M.R.G.C.D. Map No. 32 and being more particularly described as follows:
BEGINNING at the Southwest corner of the tract herein described, being the same as the Northwest corner of TRAIL ACRES, a subdivision in Bernalillo County, New Mexico, as shown on the plat filed in the office of the County Clerk of Bernalillo County, New Mexico on December 18th., 1957; running thence N. 53° 14' 10" E., 278.55 feet along the east line of Guadalupe Trail, N.W. to the Northwest corner; Thence S. 83° 03' 03" E., 477.03 feet along the South line of RAFAELITA ROMERO SUBDIVISION to the Northeast corner; Thence S. 01° 45' 00" E., 193.18 feet along the west line of the M.R.G.C.D. Harwood Lateral; Thence N. 83° 10' 30" W., 707.59 feet along the north line of TRAIL ACRES, to the point of beginning and containing 2.6055 acres, more or less.

FREE CONSENT & DEDICATION

This plat is made with the free consent of the undersigned owner(s). The undersigned owner(s) have represented themselves to have title to the property. The owner(s) hereby dedicate the private access and public utility easements as shown hereon, including the public utilities right to ingress and egress and the right to trim interfering trees.

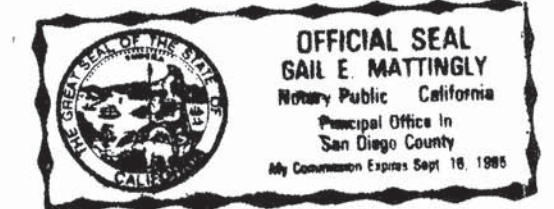
Mary DeLillo
Owner Tr. A

Stella N. Post
Owner Tr. F

Danny Nuanes
Owner Tr. E

Evan Nuanes
Owner Trs. B, C and D

Delina Trujillo
Owner Tr. G



ACKNOWLEDGMENT FOR NATURAL PERSONS

STATE OF CALIFORNIA)
COUNTY OF San Diego)
The foregoing instrument was acknowledged before me this 16th day of MAY, 1983, by ERAN NUANES (Name or Name of Person or Persons Acknowledged)
My commission expires: September 16, 1985
(Seal)

STATE OF NEW MEXICO)
COUNTY OF Bernalillo)
The foregoing instrument was acknowledged before me this 10th day of MAY, 1983, by Stella N. Post, Danny Nuanes, Delina Trujillo (Name or Name of Person or Persons Acknowledged)
My commission expires: 2-15-84
(Seal)

STATE OF NEW MEXICO)
COUNTY OF Bernalillo)
The foregoing instrument was acknowledged before me this 9th day of MARCH, 1983, by Mary DeLillo, Trustee for the Estate of Beatrice O. Nuanes (Name or Name of Person or Persons Acknowledged)
My commission expires: 2-15-84
(Seal)

CITY/COUNTY APPROVALS

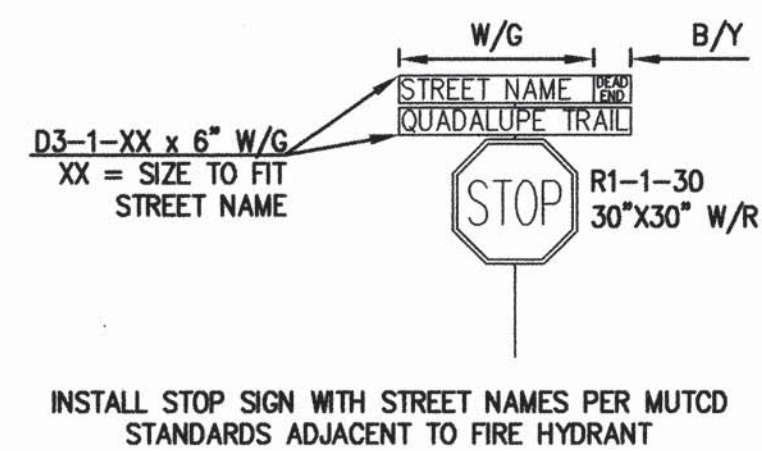
Property Management	3/10/83
City Engineer	5-24-83
City Surveyor	03/23/83
Traffic Engineer	5-24-83
A.M.A.F.C.A.	5-24-83
City Water Resources	5/24/83
Parks and Recreation	5/24/83
City Planning Director	5/25/83

SURVEYOR'S CERTIFICATE

I, Franklin E. Wilson, licensed under the laws of the State of New Mexico, do hereby certify that this plat was prepared by me or under my direction from notes of an actual field survey, shows all easements of record and meets the minimum requirements for monumentation and surveys of the Albuquerque Division Ordinance, and is true and correct to the best of my knowledge and belief.
Franklin E. Wilson
SOUTHWEST SURVEYING CO., INC., 215 Marble N.W., Albuquerque, New Mexico 87102
(505) 247-4444

1-83

621-83



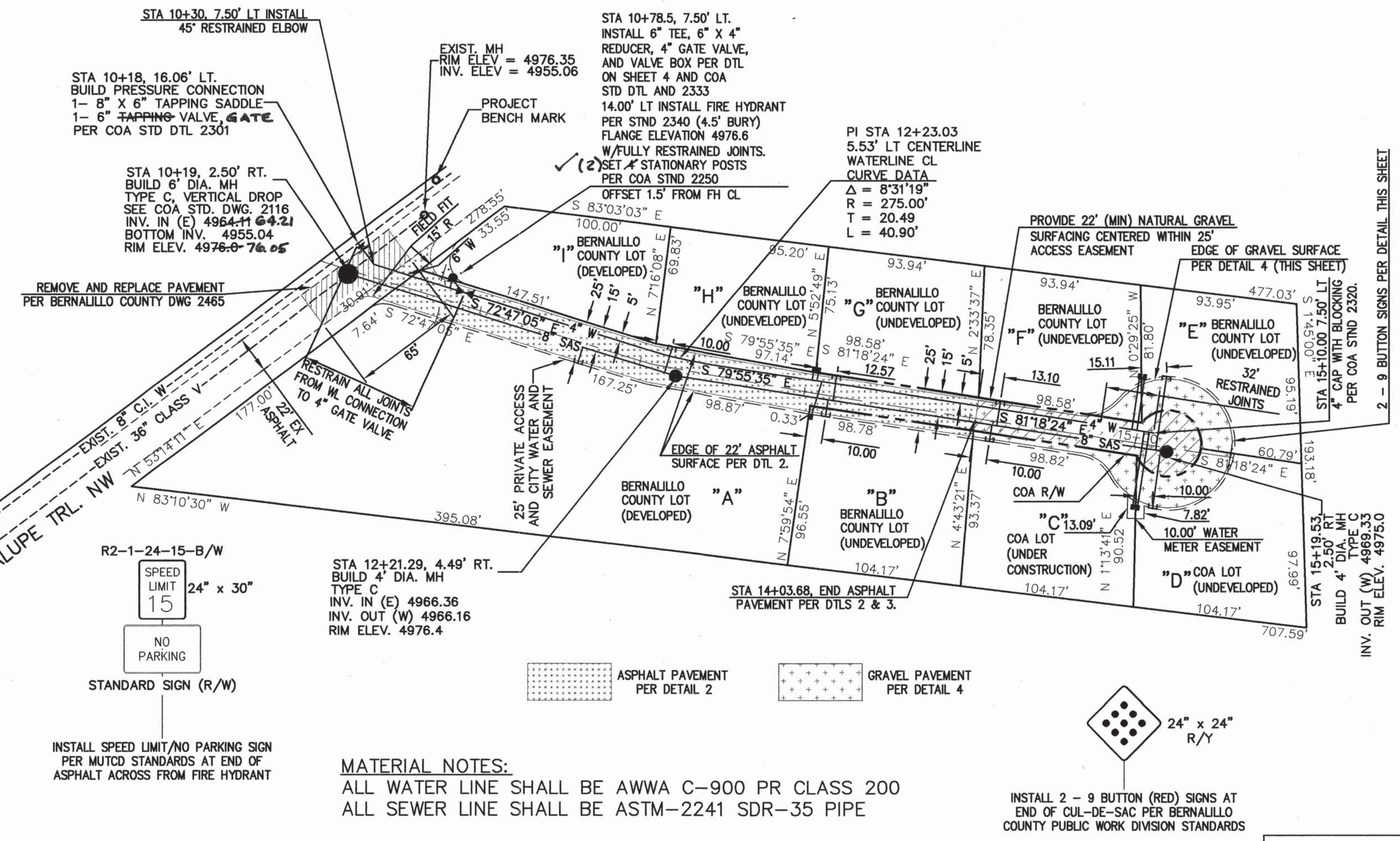
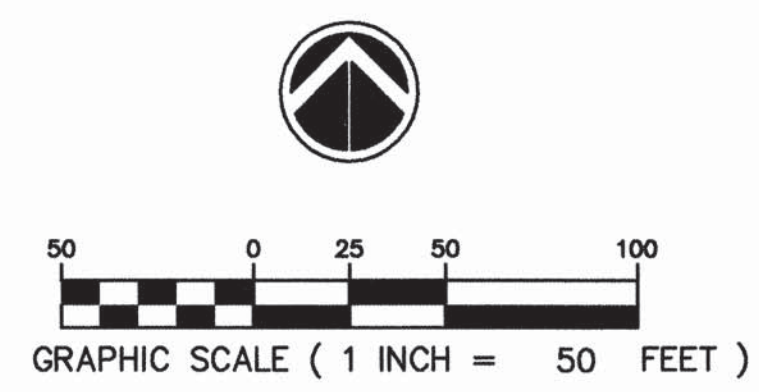
BOP STA 10+00.00

FLANGE ELEV 76.34

PI STA 12+06.83

PI STA 13+04.90

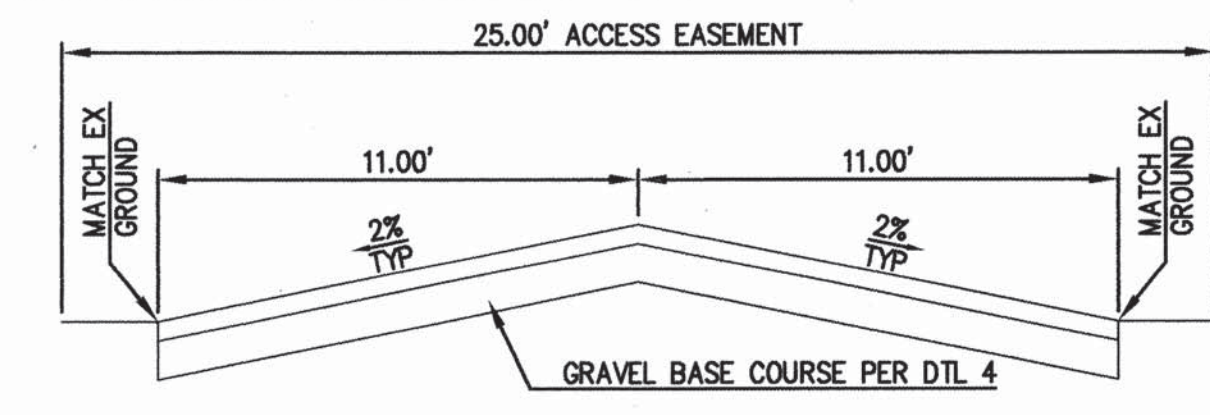
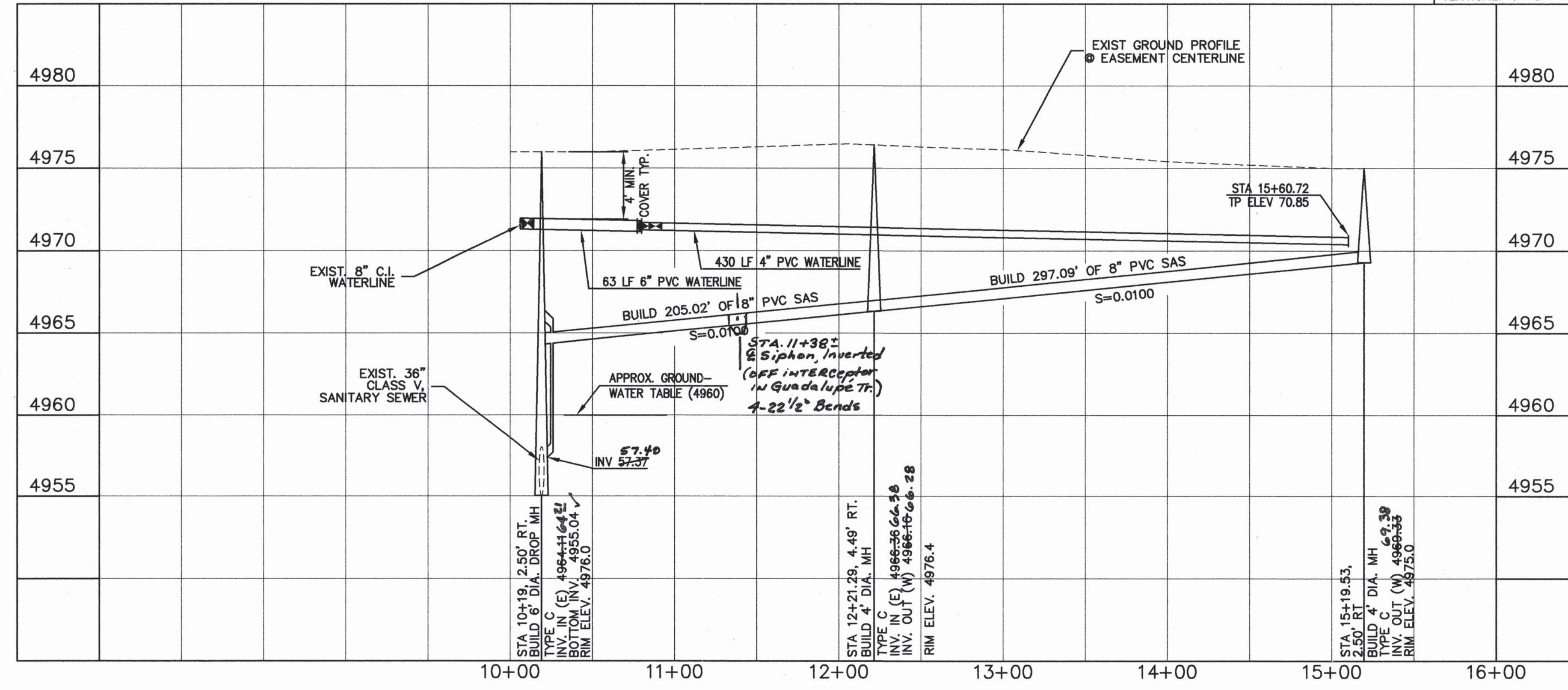
EOP STA 15+60.72



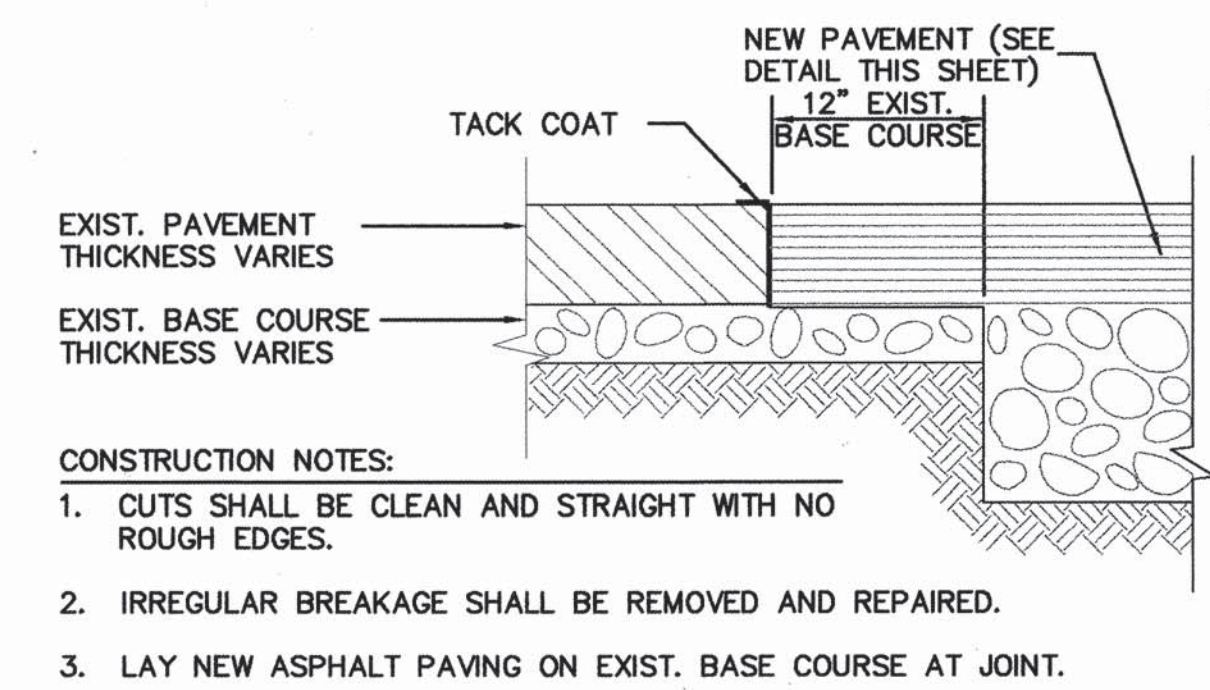
MATERIAL NOTES:
ALL WATER LINE SHALL BE AWWA C-900 PR CLASS 200
ALL SEWER LINE SHALL BE ASTM-2241 SDR-35 PIPE

INSTALL 2 - 9 BUTTON (RED) SIGNS AT
END OF CUL-DE-SAC PER BERNALILLO
COUNTY PUBLIC WORK DIVISION STANDARDS

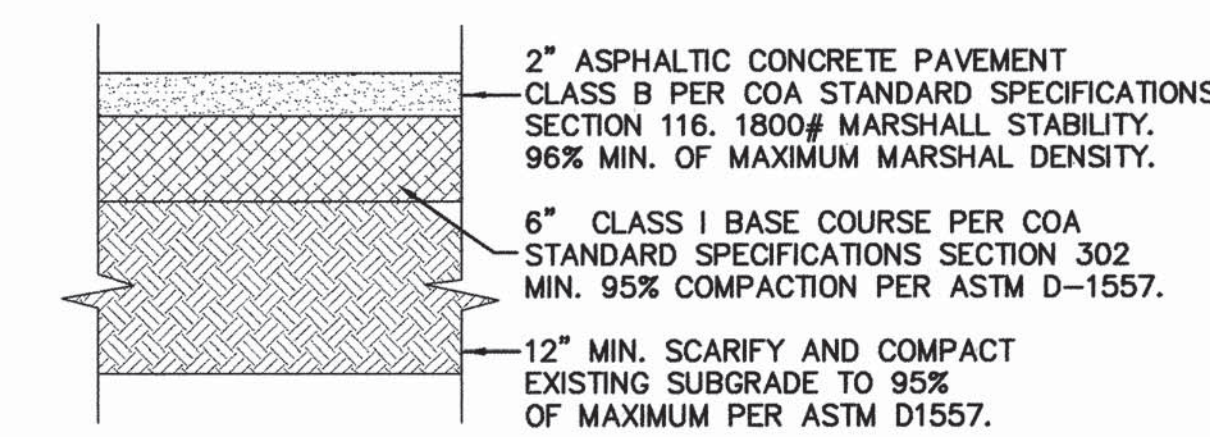
SCALES
HORIZONTAL: 1"=50'
VERTICAL: 1"=5'



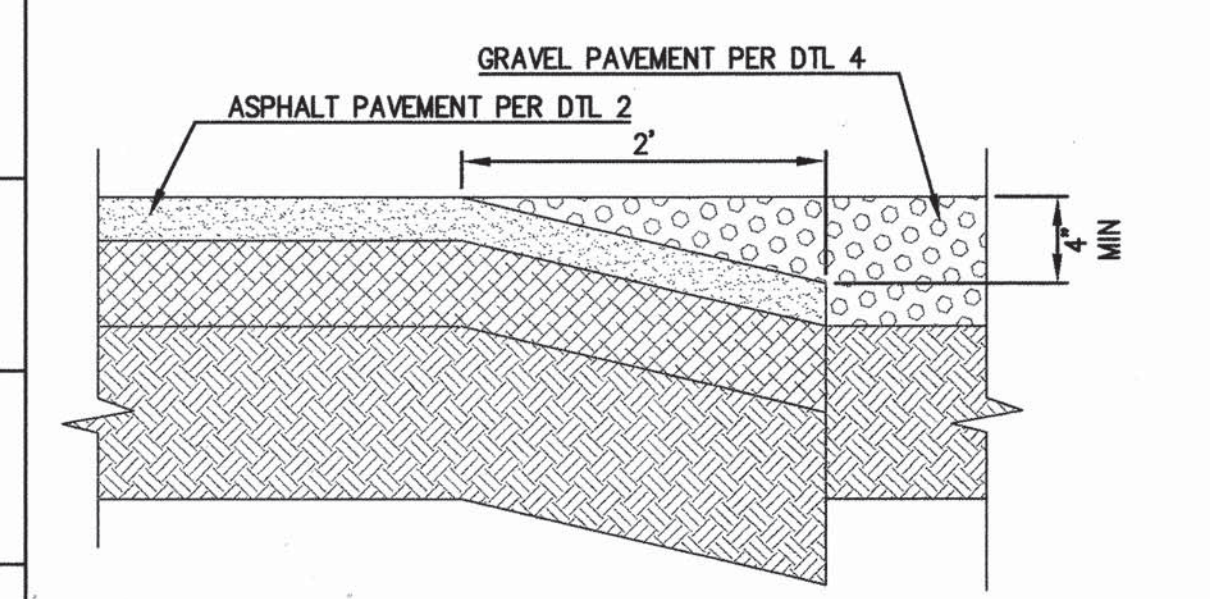
GRAVEL PAVEMENT CROSS SECTION
N. T. S.



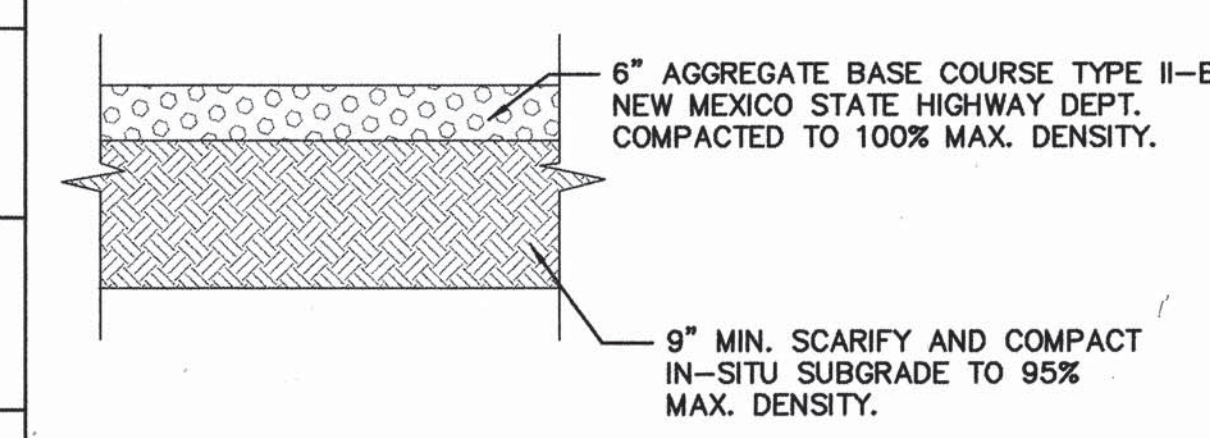
1 PAVEMENT CUT AND PATCH DETAIL
N. T. S.



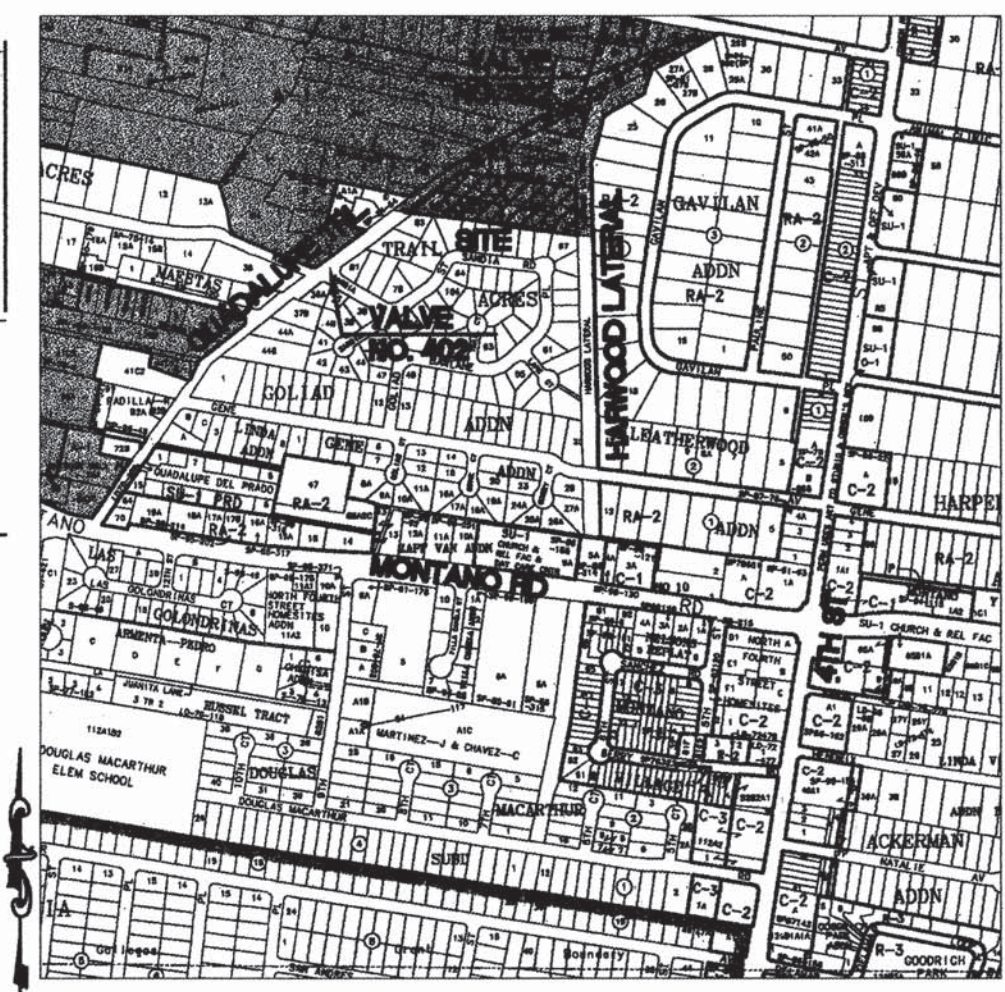
2 ASPHALT PAVEMENT SECTION
N. T. S.



3 ASPHALT TERMINATION
N. T. S.



4 GRAVEL PAVING SECTION
N. T. S.



WATER SHUT OFF PLAN
1. VALVE NUMBERS 322 AND 402 SHALL BE SHUT OFF SO
NON PRESSURE CONNECTIONS CAN BE MADE.
2. CONTRACTOR SHALL CONTACT WATER SYSTEMS
DIVISION (857-8200) SEVEN (7) WORKING DAYS PRIOR
TO VALVE SHUT OFF. ONLY WATER SYSTEMS
PERSONNEL ARE AUTHORIZED TO OPERATE VALVES.

SANITARY SEWER SERVICES				
TRACT	STATION	SIZE	LENGTH	INV. @ PL
A	11+65	4"	10'	4966.95
B	13+15	4"	10'	4969.00
C	14+14	4"	10'	4970.00
D	15+16	4"	35'	4971.50
E	15+13	4"	44'	4971.61
F	14+17	4"	15'	4970.12
G	13+18	4"	15'	4969.13
H	12+16	4"	16'	4967.93
I	-	-	-	EXISTING

ALL SANITARY SERVICES SHALL BE CONSTRUCTED PER CITY
OF ALBUQUERQUE STANDARD DRAWING 2125

WATER SERVICE CONSTRUCTION NOTE:
CAP SERVICE LINES FOR LOTS 'B', 'E',
'F', 'G', AND 'H' AT EDGE OF EASEMENT (CURB
STOP). INSTALL METER BOX FOR LOTS 'C' AND
'D' ONLY. ALL LOTS SHALL BE ANNEXED INTO
THE CITY OF ALBUQUERQUE AND 10' X 10'
UTILITY EASEMENTS SHALL BE GRANTED PRIOR
TO INSTALLING METER BOXES.

WATER SERVICES				
TRACT	STATION	SIZE	LENGTH x DIA	TYPE
A	-	-	-	EXISTING
B	13+09	3/4"	20' x 3/4"	SINGLE
C	15+04	3/4"	44' x 3/4"	DOUBLE
D	15+07	3/4"	29' x 3/4"	DOUBLE
E	15+00	3/4"	29' x 3/4"	DOUBLE
F	14+97	3/4"	-	-
G	13+06	3/4"	13' x 3/4"	DOUBLE
H	13+03	3/4"	-	-
I	-	-	-	EXISTING

ALL WATER SERVICES SHALL BE CONSTRUCTED PER CITY OF
ALBUQUERQUE STANDARD DRAWINGS 2360, 2361, & 2362

LARRY READ & ASSOCIATES
Civil Engineers
4800-C Juan Tabo, NE
Albuquerque, New Mexico 87111
(505) 237-8421

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

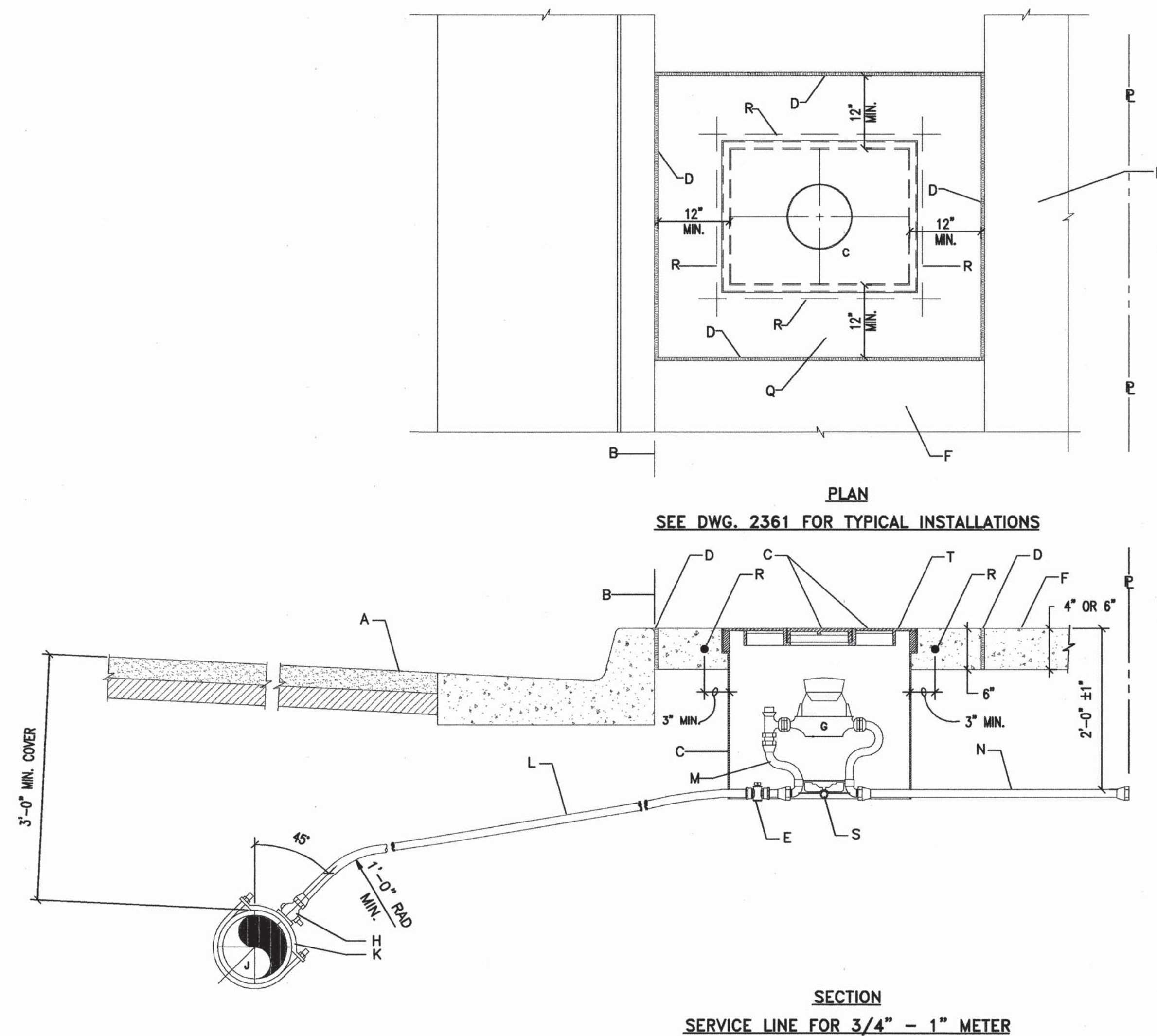
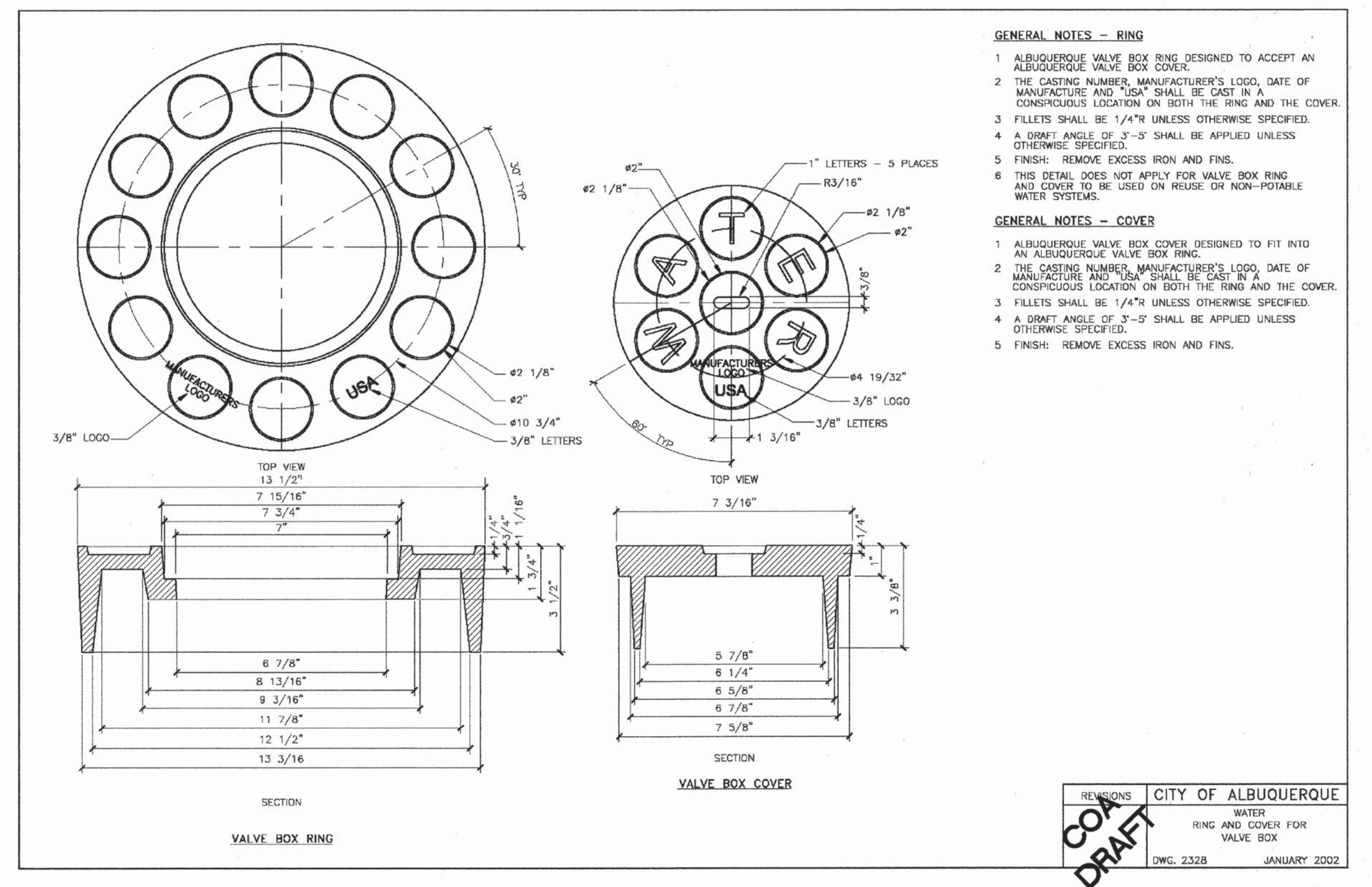
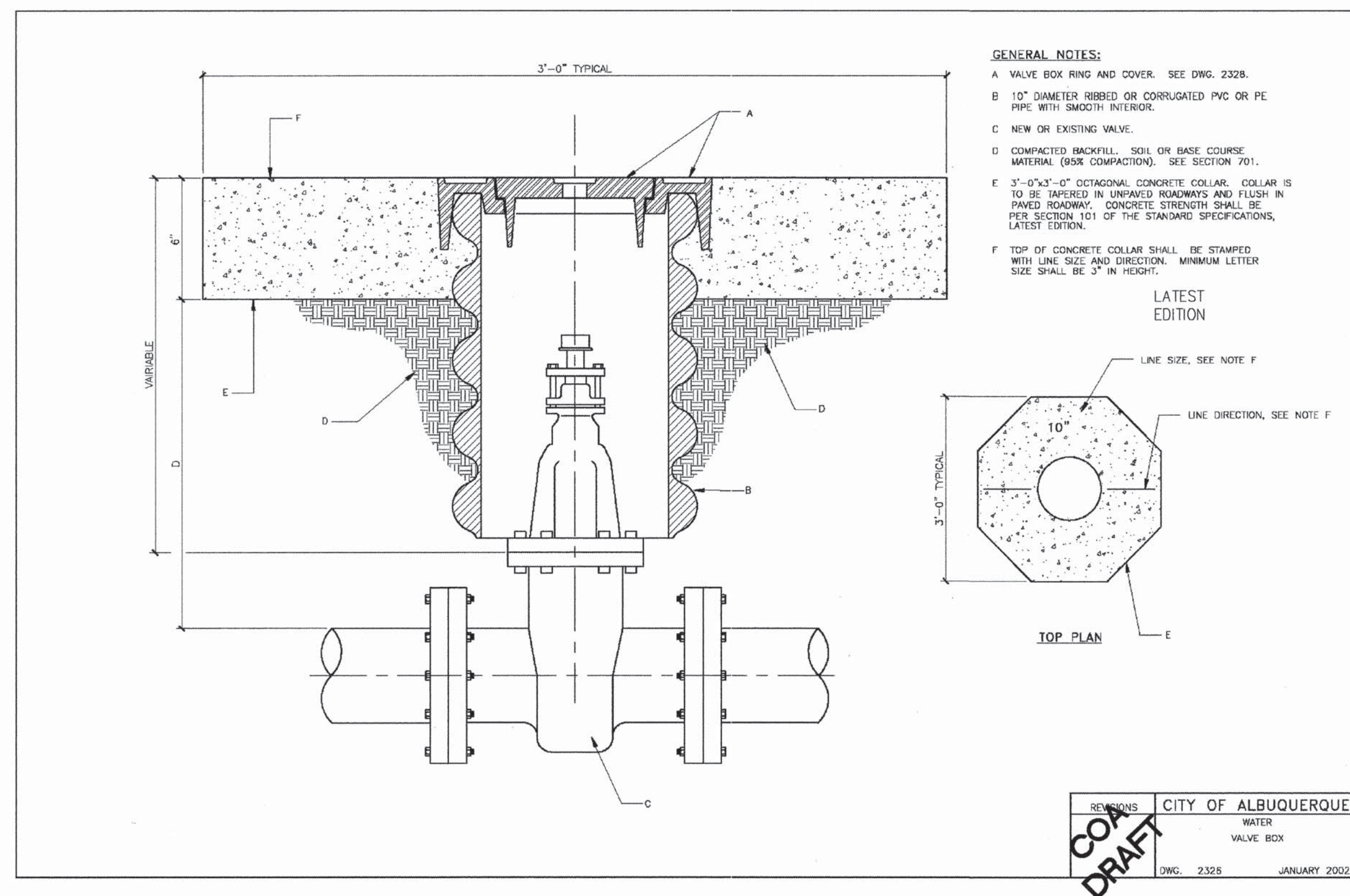
TITLE: LANDS OF NUANES
UTILITY PLAN AND PROFILE

PROJECT NO. 6281.81/PWW30001 MAP NO. F-14 SHEET 3 OF 6

DESIGNED BY: DATE: DRAWN BY: DATE: CHECKED BY: DATE:

REVISIONS: 1. 10/20/03 As-built

APPROVALS: DESIGN REVIEW COMMITTEE, CITY ENGINEER APPROVAL, CITY ENGINEER



- GENERAL NOTES:**
- 1 THE METER SHALL BE SET UTILIZING A COPPER-SETTER. COPPER-SETTER HEIGHT 10" FOR 1" METER. 7" FOR 3/4" METER.
 - 2 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.
 - 3 METER BOX LOCATION TO CONFORM TO DWG. 2361.
 - 4 WHEN CONTRACTOR DOES NOT INSTALL METER, CONTRACTOR SHALL PROVIDE REMOVABLE PLUGS FOR END OF COPPER-SETTER.
 - 5 EXISTING CONCRETE TO BE SAWCUT.

CONSTRUCTION NOTES:

- A STREET SURFACE.
- B BACK OF CURB.
- C CAST IRON METER BOX, COVER AND LID.
SEE DWG. 2368 OR 2369.
- D 1/2" EXPANSION JOINT.
- E CURB STOP, LOCATE INSIDE METER BOX.
- F SIDEWALK OR DRIVEPAD.
- G METER. TOP OF METER TO BE 12"-18" BELOW COVER.
- H CORP STOP.
- J MAIN WATER LINE.
- K TAPPING SADDLE.
- L COPPER SERVICE LINE.
- M COPPER SETTER.
- N TAILPIECE TO PROPERTY LINE WITH INSTA-TITE I.P.T.
CAPPED FITTING.
- Q CONCRETE PAD REQUIRED IN ALL AREAS.
- R #4 REBAR CONTINUOUS ALL AROUND METER BOX.
- S STABILIZER BAR. 12" LONG X 1/2" DIAMETER GALVANIZED
STEEL PIPE.
- T METER BOX LID SHALL BE FLUSH WITH SURROUNDING
SIDEWALK.

MODIFICATIONS TO METERED SERVICE
LINE INSTALLATION DETAIL (SEE WATER
SERVICE CONNECTION NOTE ON SHEET
3)

- C CAST IRON METER BOX, COVER, AND LID. SEE DWG. 2369.
(HEAVY WEIGHT METER BOX AND LID IS REQUIRED FOR ALL LOTS)
- E CAP SERVICE LINES FOR LOTS 'B', 'E', 'F', 'G', AND 'H' AT EDGE
OF EASEMENT (CURB STOP). INSTALL METER BOX FOR LOTS 'C'
AND 'D' ONLY.

LARRY READ & ASSOCIATES
Civil Engineers
4800-C Juan Tabo, NE
Albuquerque, New Mexico 87111
(505) 237-8421

BUQUERQUE S DEPARTMENT G GROUP		ENGINEER'S SEAL		SURVEY INFORMATION		BENCH MARKS		AS BUILT INFORMATION	
				FIELD NOTES		COA MONUMENT 12-E14		CONTRACTOR <i>Primm Plumbing</i>	
				NO.		DATE		WORK STARTED BY <i>Primm Plumbing</i> DATE <i>10/28/03</i>	
				1		ON THE EAST SIDE OF FOURTH STREET.		DATE	
						ELEV. 4975.99 (NGVD29)		DATE	
								DATE	
								DRAWINGS CORRECTED BY <i>Clark Consulting</i> DATE <i>10/28/03</i>	
								MICROFILM INFORMATION	
								RECORDED BY	
								NO.	
								PROJECT BENCH MARK	
								604 NAIL SET IN	
								POWER POLE No. 5925 (SE FACE)	
								ELEV. 4975.61	

COA STANDARD (DRAFT)

COA STANDARD (DRAFT)

COA STANDARD (DRAFT)

COA STANDARD (DRAFT)

COA STANDARD (DRAFT)

COA STANDARD (DRAFT)

COA STANDARD (DRAFT)

COA STANDARD (DRAFT)

COA STANDARD (DRAFT)

COA STANDARD (DRAFT)

COA STANDARD (DRAFT)

COA STANDARD (DRAFT)

COA STANDARD (DRAFT)

COA STANDARD (DRAFT)

COA STANDARD (DRAFT)

COA STANDARD (DRAFT)

COA STANDARD (DRAFT)

COA STANDARD (DRAFT)

COA STANDARD (DRAFT)

COA STANDARD (DRAFT)

COA STANDARD (DRAFT)

COA STANDARD (DRAFT)

COA STANDARD (DRAFT)

COA STANDARD (DRAFT)

COA STANDARD (DRAFT)

COA STANDARD (DRAFT)

COA STANDARD (DRAFT)

COA STANDARD (DRAFT)

COA STANDARD (DRAFT)

COA STANDARD (DRAFT)

COA STANDARD (DRAFT)

COA STANDARD (DRAFT)

COA STANDARD (DRAFT)

COA STANDARD (DRAFT)

COA STANDARD (DRAFT)

COA STANDARD (DRAFT)

COA STANDARD (DRAFT)

COA STANDARD (DRAFT)

COA STANDARD (DRAFT)

COA STANDARD (DRAFT)

COA STANDARD (DRAFT)

COA STANDARD (DRAFT)

COA STANDARD (DRAFT)

COA STANDARD (DRAFT)

COA STANDARD (DRAFT)

COA STANDARD (DRAFT)

COA STANDARD (DRAFT)

COA STANDARD (DRAFT)

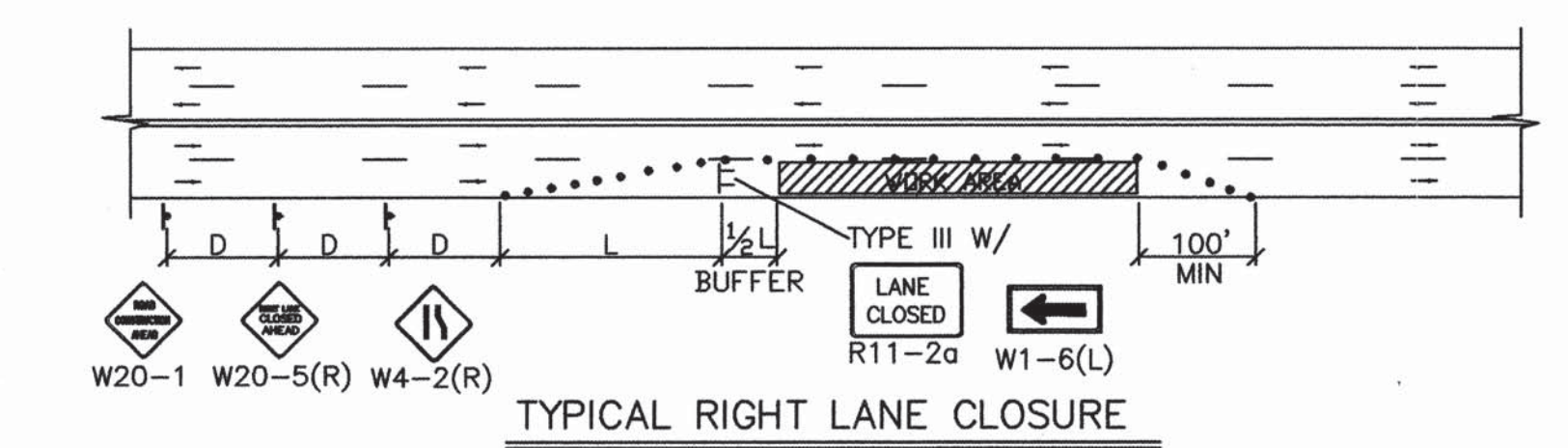
COA STANDARD (DRAFT)

COA STANDARD (DRAFT)

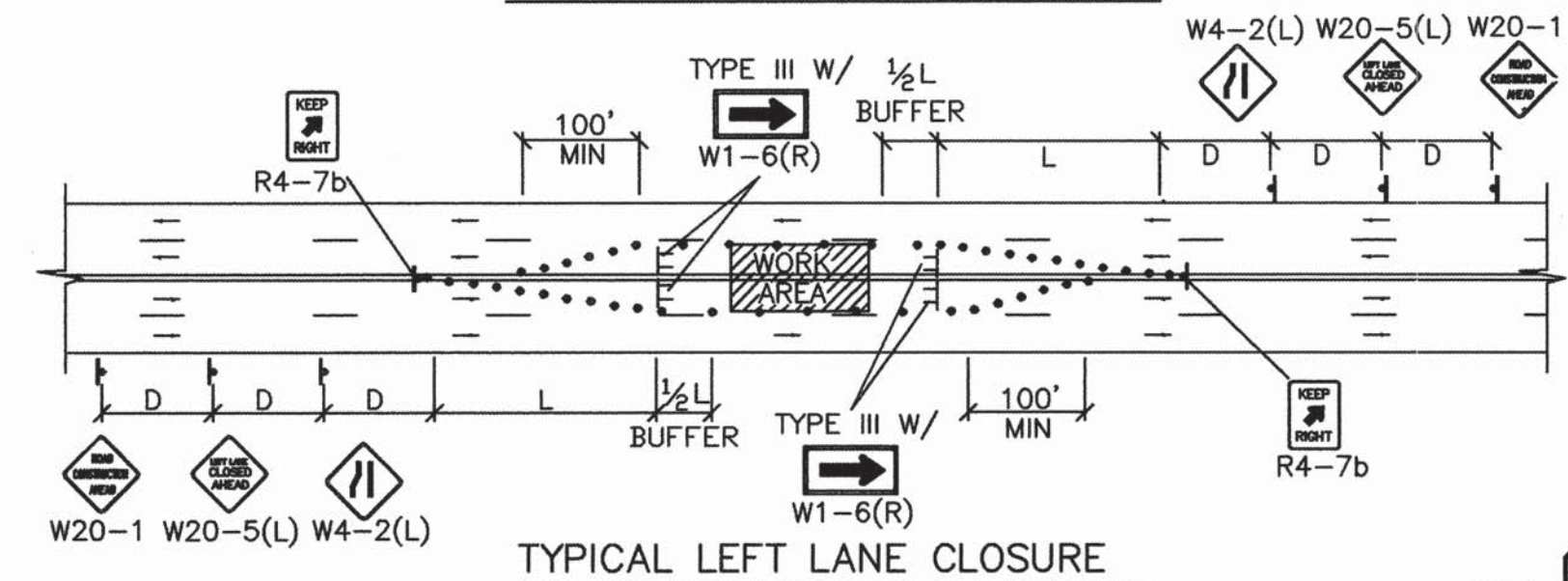
COA STANDARD (DRAFT)

\\BH-MAIN\PROJECTS\9717\TRANS\DESIGN\SIGNAL\CTYTRAF.DWG

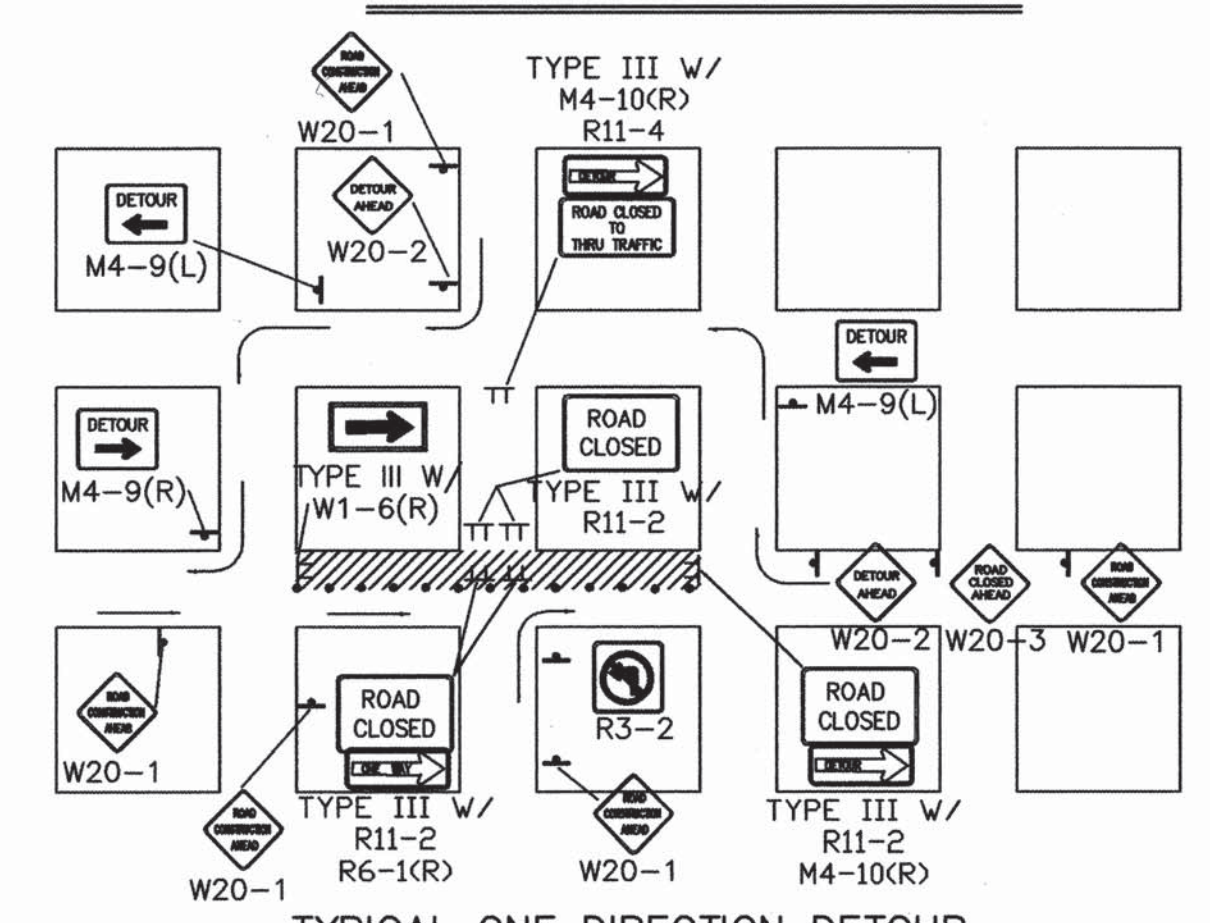
SCANNED BY
MESA REPRO



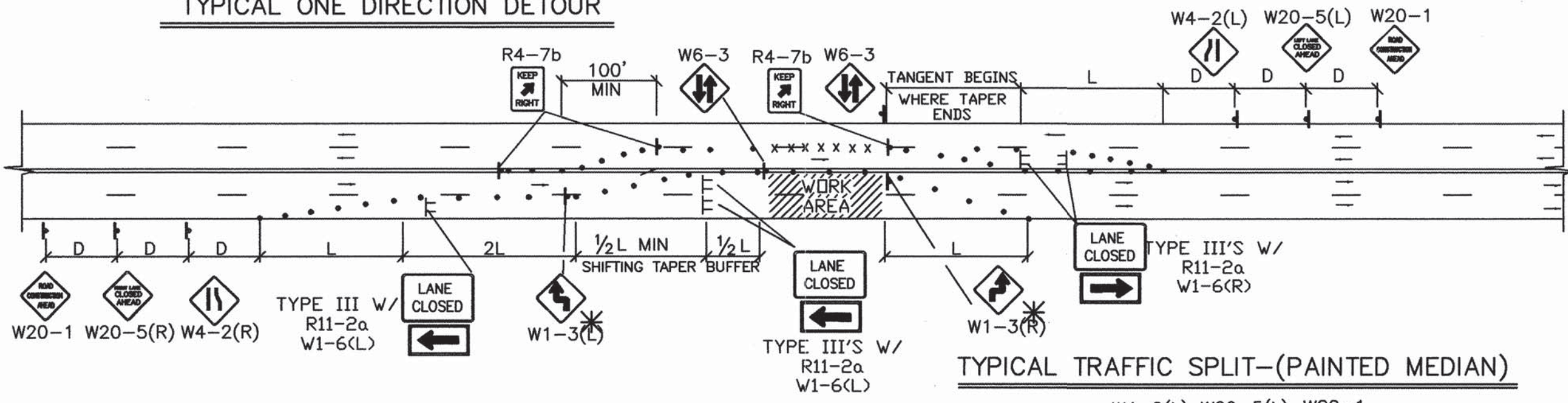
TYPICAL RIGHT LANE CLOSURE



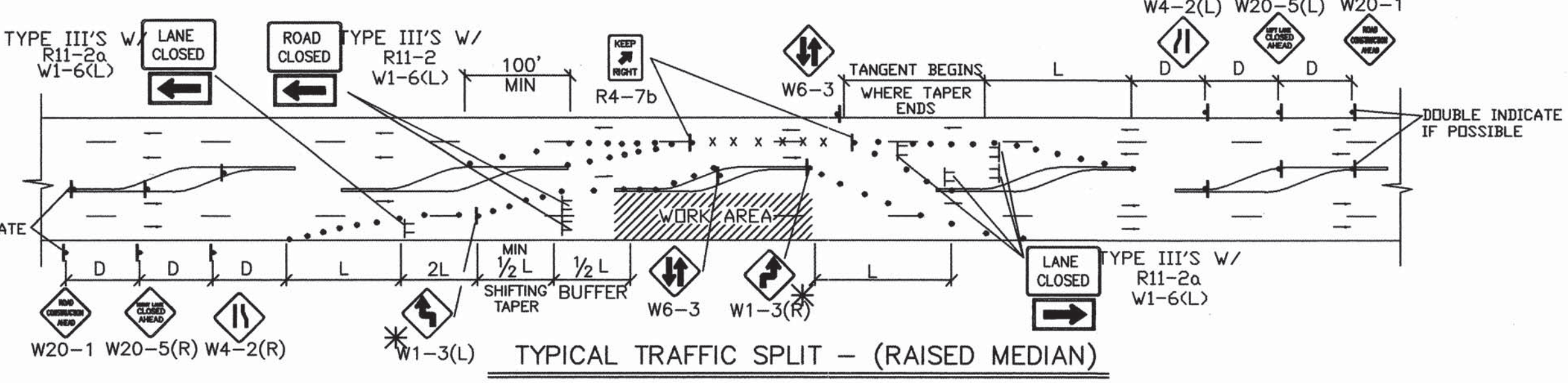
TYPICAL LEFT LANE CLOSURE



TYPICAL ONE DIRECTION DETOUR

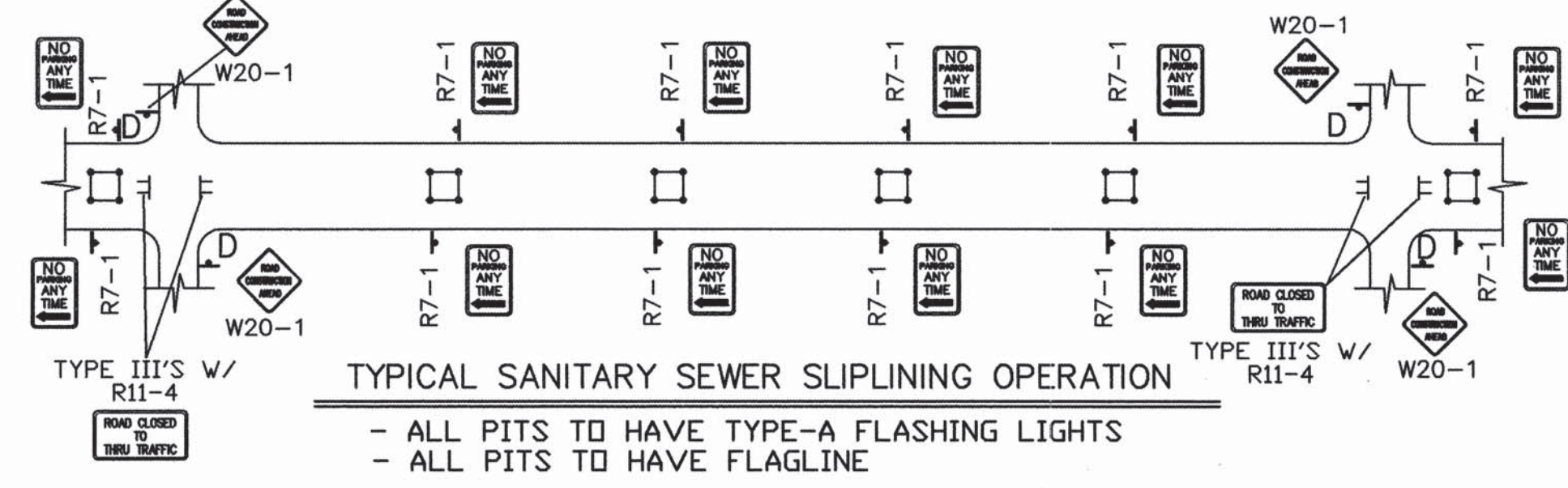


TYPICAL TRAFFIC SPLIT - (PAINTED MEDIAN)



TYPICAL TRAFFIC SPLIT - (RAISED MEDIAN)

- TRAFFIC SPLIT NOTES:
1. THE OFFSET DISTANCE MUST BE CALCULATED IN ALL SHIFTING TAPERS. THE OFFSET DISTANCES SHALL INCLUDE LANE WIDTHS PLUS MEDIAN WIDTHS.
 2. 1/2 L IS 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.

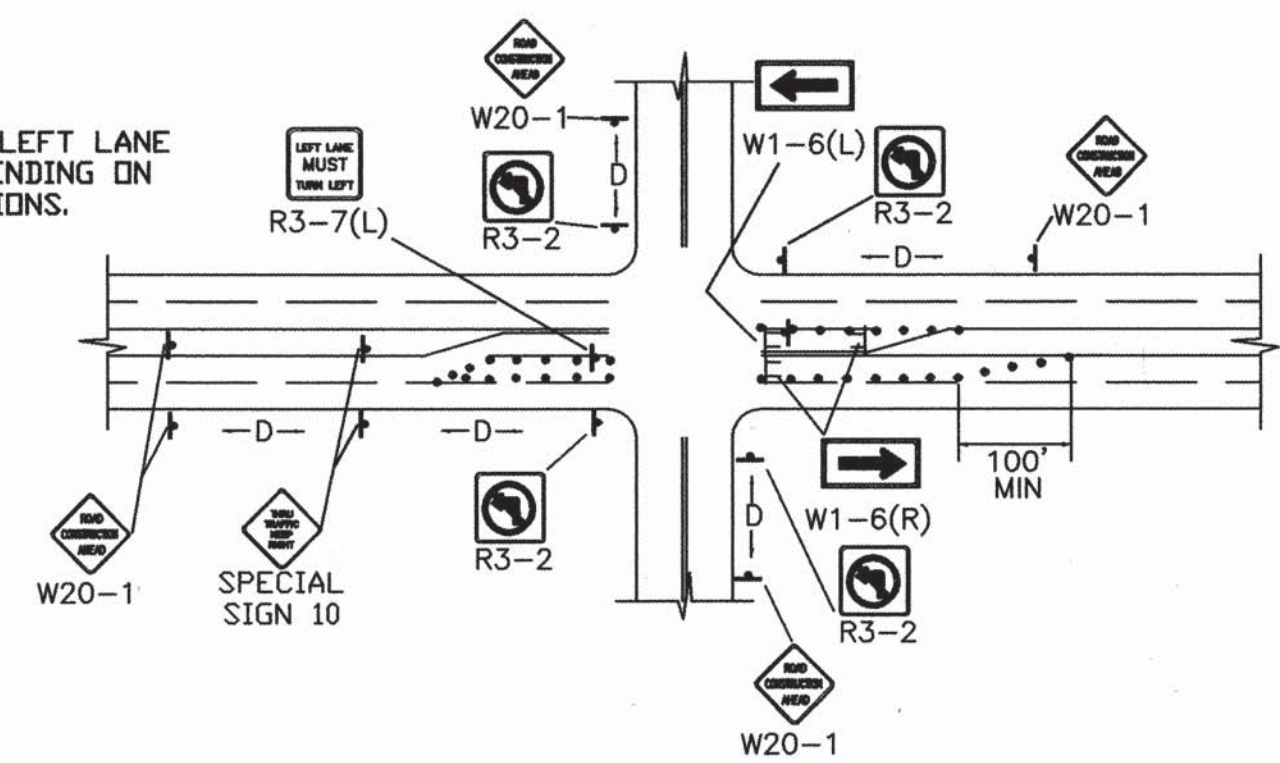


TYPICAL SANITARY SEWER SLIPLINING OPERATION

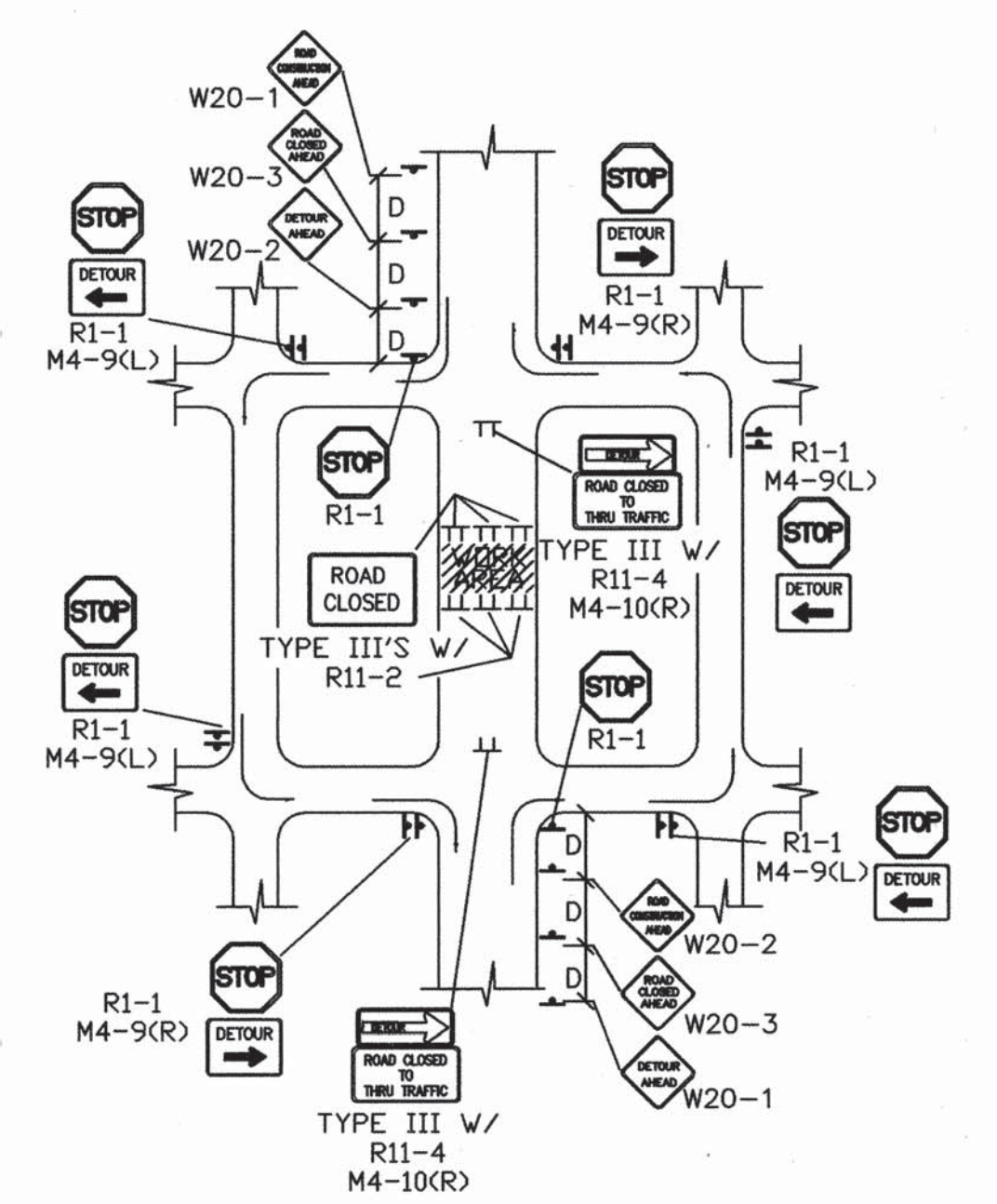
- ALL PITS TO HAVE TYPE-A FLASHING LIGHTS
- ALL PITS TO HAVE FLAGLINE

GENERAL NOTE:
ALL CONSTRUCTION WARNING SIGNS SHALL HAVE A BLACK LEGEND ON A ORANGE BACKGROUND.
ALL ADVANCE WARNING SIGNS SHALL BE A MINIMUM OF 36" THIRTY SIX INCHES BY 36" THIRTY SIX INCHES IN SIZE AND SHALL HAVE ONE WARNING LIGHT.

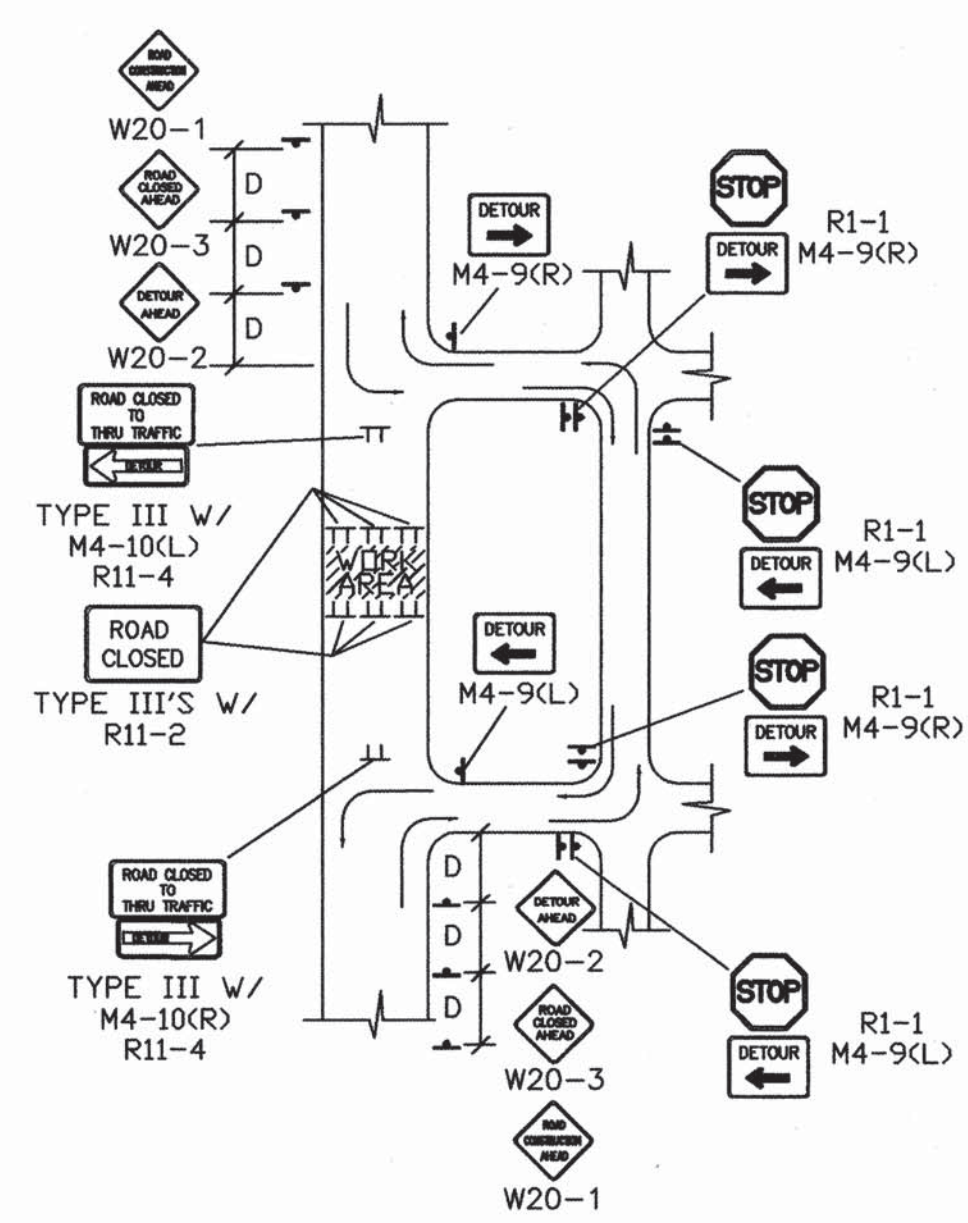
NOTE:
MAY REQUIRE LEFT LANE CLOSURE DEPENDING ON FIELD CONDITIONS.



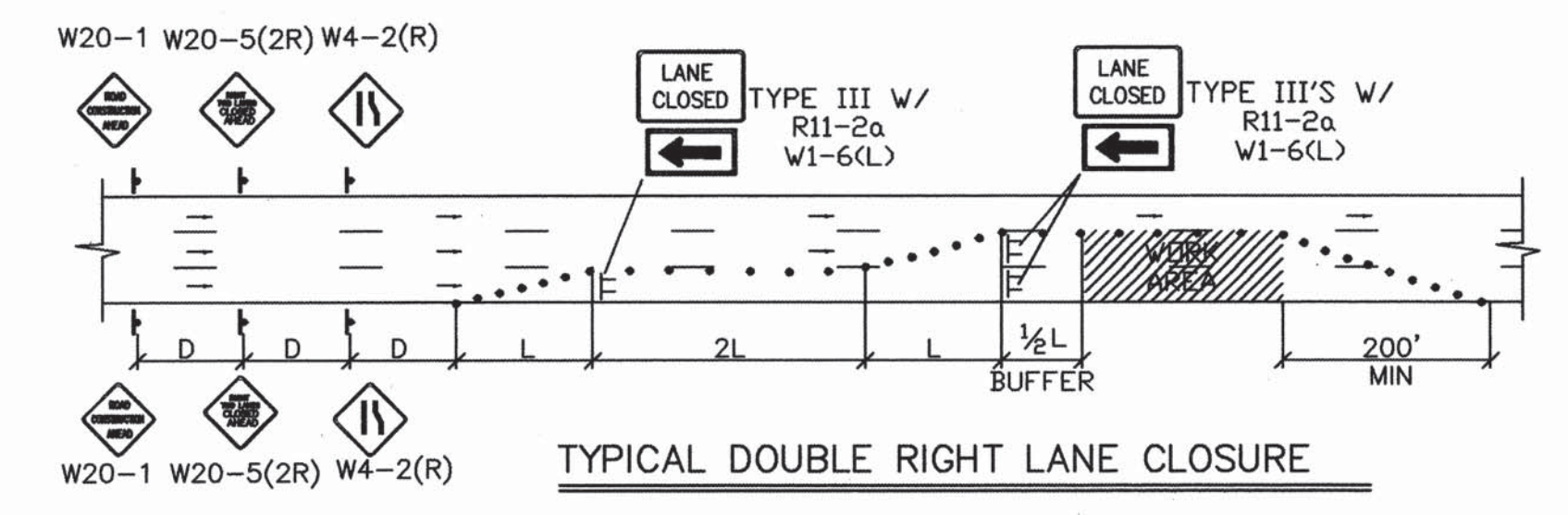
TYPICAL LANE CLOSURE AT INTERSECTION
NOTE: DEPENDING ON WORK ZONE LOCATION.



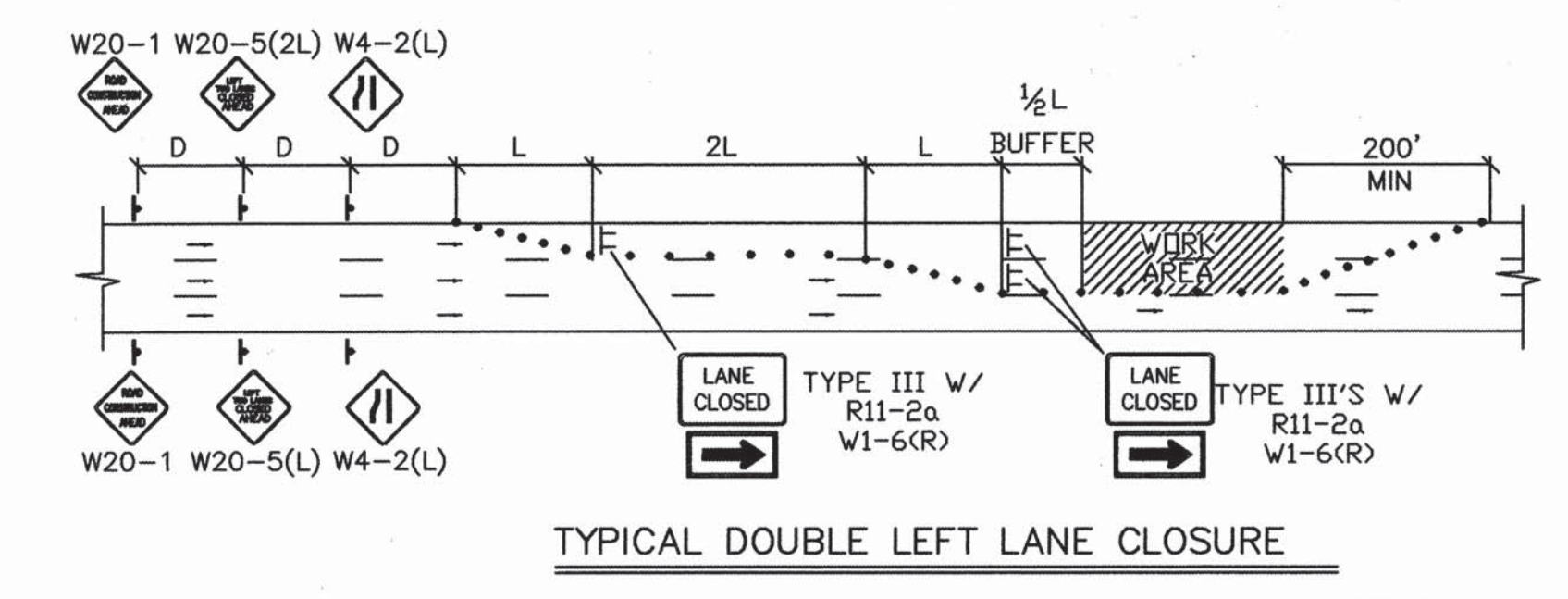
TYPICAL MID-BLOCK CLOSURE
NOTE: (R1-1) BASED ON FIELD CONDITIONS.



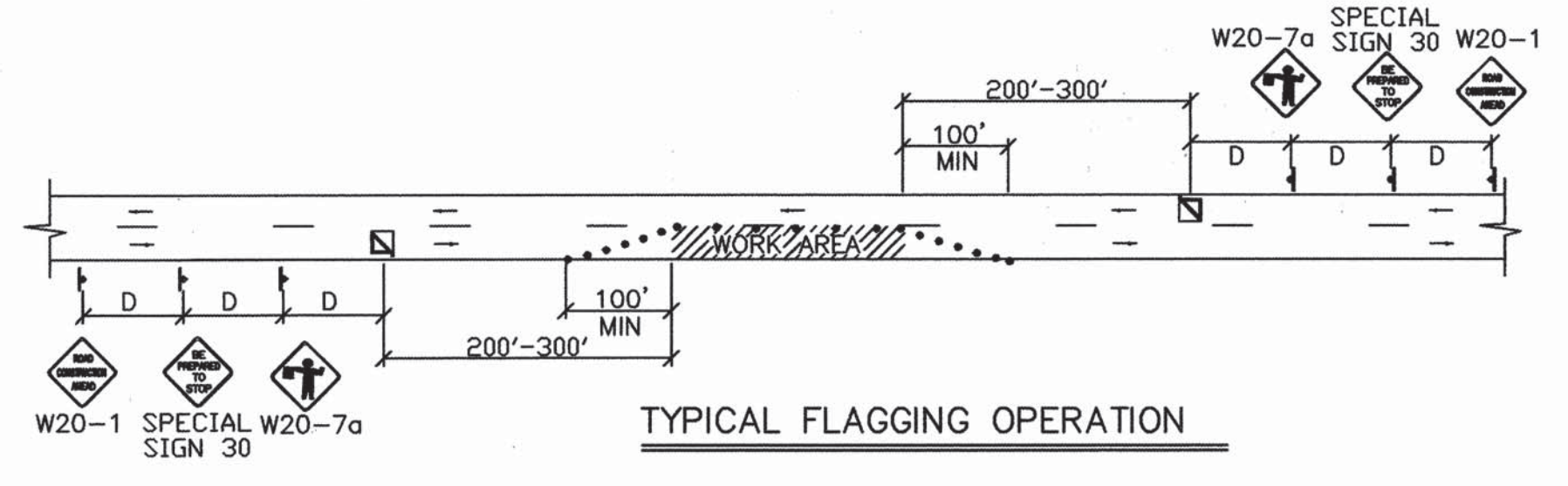
TYPICAL STREET CLOSURE
NOTE: (R1-1) BASED ON FIELD CONDITIONS.



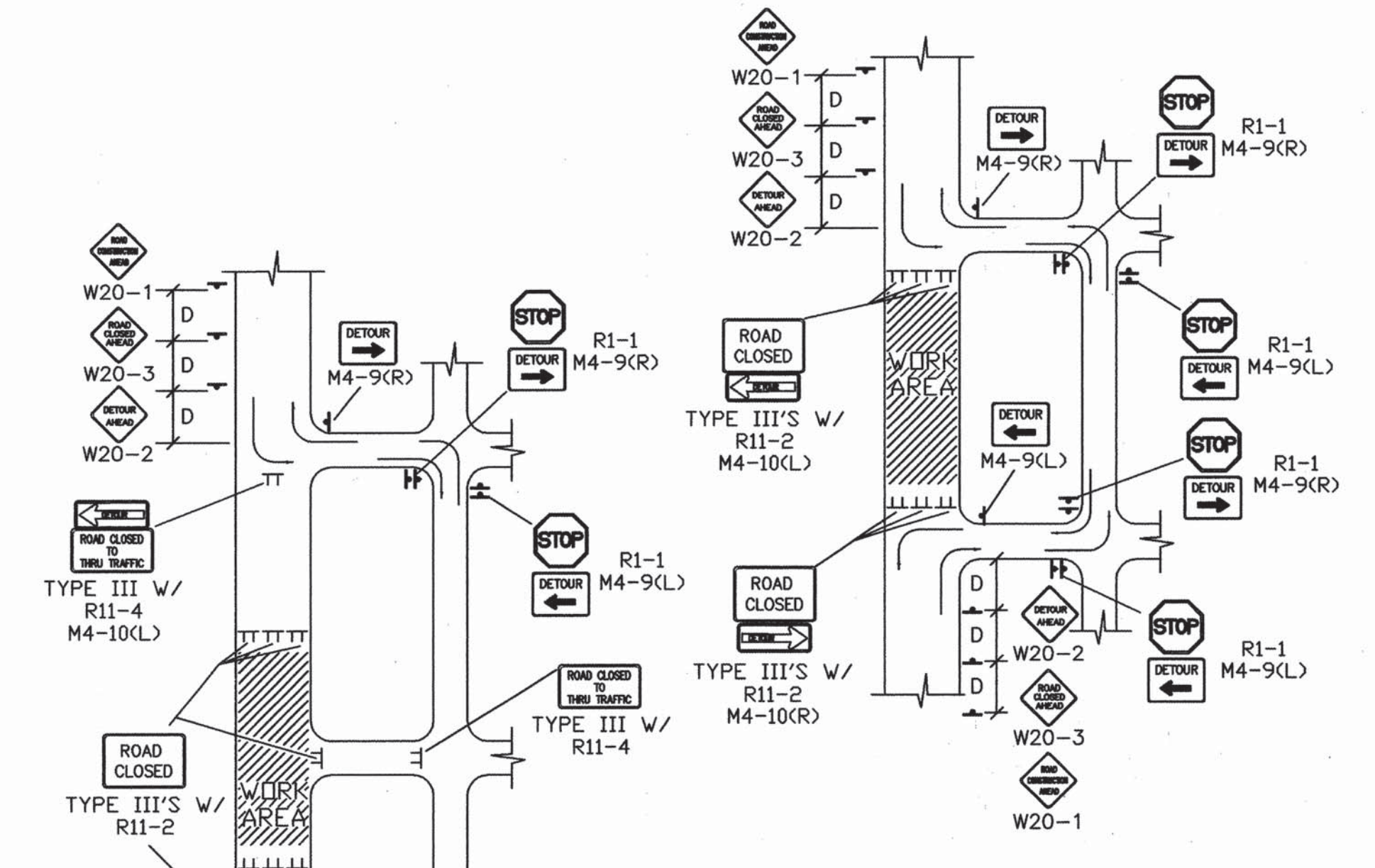
TYPICAL DOUBLE RIGHT LANE CLOSURE



TYPICAL DOUBLE LEFT LANE CLOSURE



TYPICAL FLAGGING OPERATION



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

COUNTY OF BERNALILLO

TITLE: TYPICAL TRAFFIC CONTROL & SIGNING EXAMPLES (REF MUTCD)	
DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL
COA STANDARD	COA STANDARD
CITY PROJECT NO. 6281.81/PWW30001	ZONE MAP NO. F-14
SHEET 5 OF 6	

AS-BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		ENGINEER'S SEAL	
CONTRACTOR	DATE	DATE	DATE	NO.	DATE	NO.	DATE
WORK BY	DATE	INSPECTED BY	DATE	BY	DATE	BY	DATE
ACCEPTANCE BY	DATE	REVISION BY	DATE	REVISIONS	REVISIONS	REVISIONS	REVISIONS
DATE	DATE	DATE	DATE	NO.	DATE	NO.	DATE
MICRO-FILM INFORMATION		BCPWD STANDARD		DESIGNED BY BOHANNAN HUSTON		DATE 5-97	
RECORDED BY		DRAWN BY BOHANNAN HUSTON		CHECKED BY BOHANNAN HUSTON		DATE 5-97	
NO.							

CONSTRUCTION TRAFFIC CONTROL GENERAL NOTES

1. PROJECT IS SUBJECT TO THE REQUIREMENTS OF COUNTY ORDINANCE NO. 95-12 AND COUNTY ORDINANCE NO. 96-3. THE CONTRACTOR IS RESPONSIBLE FOR ACQUIRING ALL PERMITS NECESSARY. CONTRACTOR SHALL CALL 848-1504 FOR MORE INFORMATION.

2. THE CONTRACTOR SHALL SUBMIT A TRAFFIC CONTROL PLAN TO THE COUNTY TRAFFIC CONTROL ADMINISTRATOR AT LEAST 72 HOURS PRIOR TO COMMENCEMENT OF WORK. TRAFFIC CONTROL PLANS SHALL BE PREPARED IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), LATEST EDITION AND BY CERTIFIED PERSONNEL AND MUST BE APPROVED PRIOR TO COMMENCEMENT OF WORK ON THE PROJECT. CALL 848-1504 FOR FURTHER INFORMATION.

3. A DAILY TRAFFIC CONTROL LOG SHALL BE MAINTAINED BY THE CONTRACTOR REFLECTING THE TYPES AND LOCATIONS OF ALL TRAFFIC CONTROL DEVICES, SIGNS, BARRICADES, ETC. BEING USED ON THE PROJECT IN COMPLIANCE WITH THE APPROVED TRAFFIC CONTROL PLAN. THIS LOG SHALL BE SUBMITTED TO THE BERNALILLO COUNTY TRAFFIC CONTROL ADMINISTRATOR UPON COMPLETION OF THE PROJECT CONSTRUCTION OR WHEN SO REQUESTED BY THE PROJECT MANAGER OR THE BERNALILLO COUNTY TRAFFIC CONTROL ADMINISTRATOR.

4. CONTRACTOR SHALL PROVIDE A WEEKLY CONSTRUCTION ACTIVITY SCHEDULE TO BERNALILLO COUNTY PUBLIC WORKS DIVISION ATTN: PROJECT MANAGER

5. THE CONTRACTOR SHALL FILE A WEEKLY WRITTEN REPORT TO THE TRAFFIC CONTROL ADMINISTRATOR DESCRIBING THE TRAFFIC CONTROL PLAN THAT WILL BE IN EFFECT FOR THE FOLLOWING WEEK.

6. SUBJECT TO THE APPROVED TRAFFIC CONTROL PLAN, AT LEAST ONE LANE SHALL BE OPEN TO TRAFFIC AT ALL TIMES. CONTRACTOR SHALL PROVIDE PROPER SIGNAGE AND FLAGMAN AND SHALL MAINTAIN THE TRAFFIC LANE IN SUCH A MANNER AS TO ASSURE PROPER SAFETY TO THE TRAVELING PUBLIC AT ALL TIMES, EXCEPT WHEN GRADING, EXCAVATION AND BACKFILL OPERATIONS ARE BEING CONDUCTED IMMEDIATELY IN FRONT OF THE PROPERTY, IN WHICH CASE ACCESS WILL NOT BE DENIED FOR MORE THAN 4 HOURS WITHOUT APPROVAL BY THE COUNTY.

7. TRAFFIC LANES PROVIDED DURING CONSTRUCTION SHALL BE MAINTAINED, IN SUCH A CONDITION UNDER ALL WEATHER CONDITIONS, SO AS TO PERMIT THE REASONABLE PASSAGE OF PASSENGER VEHICLES, AND SHALL BE KEPT GRADED AND SMOOTH, AND WATERED SEVERAL TIMES DAILY TO CONTROL DUST.

8. 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.

9. CONSTRUCTION SHALL NOT BEGIN UNLESS A TRAFFIC CONTROL PLAN HAS BEEN APPROVED AND VERIFIED BY BERNALILLO COUNTY TRAFFIC ENGINEERING.

10. ALL CONSTRUCTION TRAFFIC CONTROL DEVICES SHALL COMPLY WITH 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 THE COUNTY TRAFFIC CONTROL ADMINISTRATOR, PER SECTION 6A-4 OF THE MUTCD, LATEST EDITION.

11. THE CONSTRUCTION TRAFFIC CONTROL INITIAL SET-UP FOR EACH PHASE 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.

12. 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.

13. 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.

14. 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 BERNALILLO COUNTY TRAFFIC ENGINEERING PER MUTCD SECTION 6A-4.

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

16. EQUIPMENT OR MATERIALS SHALL NOT BE STORED WITHIN 15 FEET OF A TRAVELED TRAFFIC LANE DURING NON-WORKING HOURS WITHOUT THE APPROVAL OF BERNALILLO COUNTY TRAFFIC ENGINEERING.

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

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

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

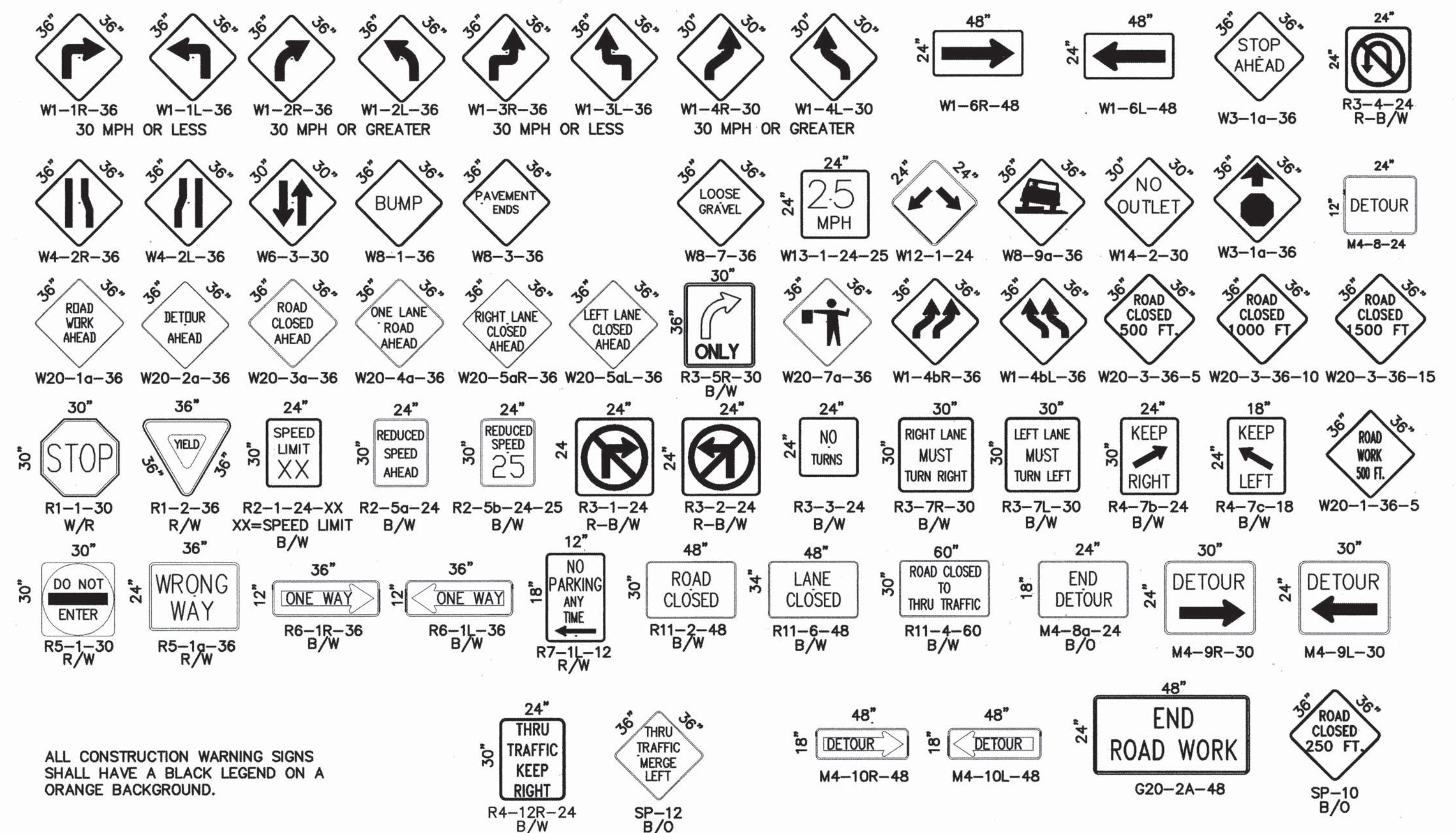
20. CONTRACTOR SHALL PROVIDE ACCESS SIGNS FOR BUSINESSES LOCATED WITHIN THE CONSTRUCTION AREA UNDER THE SUPERVISION OF BERNALILLO COUNTY TRAFFIC ENGINEERING. EACH ACCESS SIGN SHALL HAVE 5 INCH, WHITE LETTERING ON BLUE BACKGROUND. SHOPPING CENTERS AND MALLS SHALL BE LISTED AS SUCH.

21. 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.

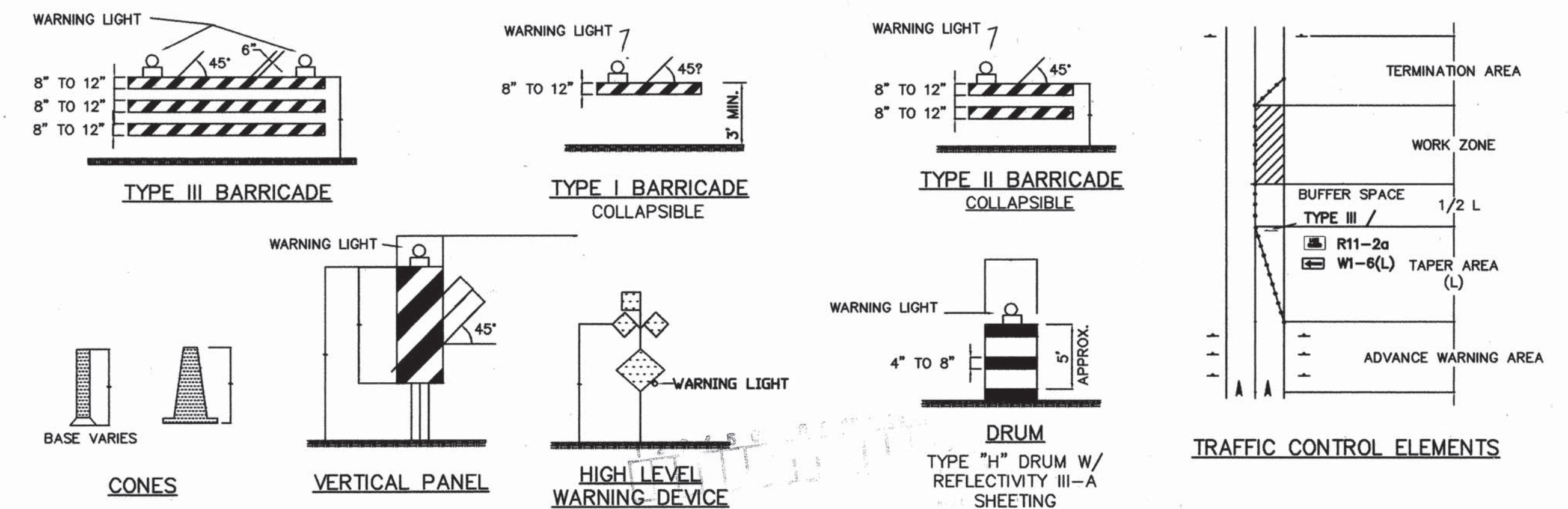
22. ANY FIELD ADJUSTMENTS SHALL BE APPROVED BY BERNALILLO COUNTY TRAFFIC ENGINEERING.

23. 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.

SIGN FACE DETAILS



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



LEGEND

- WORK AREA
- BARRICADE - TYPE I, TYPE II, OR TYPE "H" DRUM W/ REFLECTIVITY III-A SHEETING
- 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.

BCPWD STANDARD

NO.	DESCRIPTION	DATE	BY
REVISIONS			
COUNTY OF BERNALILLO			
LANDS OF NUANES			
SIGNING & CONSTRUCTION			
TRAFFIC CONTROL STANDARDS			
PROJECT NO.	DRAWN: XXX	DATE: 01-28-03	
6281.81/PWW30001	CHECKED: XXX	SCALE: 1" = 50'	