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26-7124.91-017

CONSTRUCTION PLANS

FOR

LOT 29, BLOCK 5, TRACT A, UNIT B, NAA

UTILITY IMPROVEMENTS

CITY OF ALBUQUERQUE

NEW MEXICO

SEPTEMBER 2003

INDEX TO DRAWINGS

- TITLE SHEET
- LOT 29, BLOCK 5, TRACT A, UNIT B, NAA (SAN DIEGO NE.)
- TYPICAL TRAFFIC CONTROL & SIGNING EXAMPLES (REF. M.U.T.C.D.)
- SIGNING AND CONSTRUCTION TRAFFIC CONTROL STANDARDS

LANDFILL DISCLOSURE STATEMENT:

THE SUBJECT PROPERTY IS LOCATED NEAR A FORMER LANDFILL. DUE TO THE SUBJECT PROPERTY BEING NEAR A FORMER LANDFILL, CERTAIN PRECAUTIONARY MEASURES MAY NEED TO BE TAKEN TO ENSURE THE HEALTH AND SAFETY OF THE PUBLIC. RECOMMENDATIONS MADE BY A PROFESSIONAL ENGINEER WITH EXPERTISE IN LANDFILLS AND LANDFILL GAS ISSUES (AS REQUIRED BY MOST CURRENT VERSION OF THE "INTERIM GUIDELINES FOR DEVELOPMENT WITHIN 1000 FEET OF LANDFILLS") SHALL BE CONSULTED PRIOR TO DEVELOPMENT OF THE SITE.

NOTES :

1- LANDFILL GAS MITIGATION MEASURES ASSOCIATED WITH THE UTILITY TRENCHES WILL CONSIST OF A 2-FOOT BY 2-FOOT PEA GRAVEL PLUG THAT SHALL EXTEND THE FULL HEIGHT OF THE TRENCH. FILTER FABRIC WILL BE PLACED OVER THE GRAVEL. THIS PEA GRAVEL SYSTEM WILL ALLOW LANDFILL GASES THAT MAY MIGRATE ALONG THE UTILITY TRENCH TO VENT TO THE ATMOSPHERE. THESE BARRIERS SHOULD BE PLACED AT NO MORE THAN 50-FOOT INTERVALS. ONE PEA GRAVEL BARRIER WILL BE REQUIRED WITH THE FIRE HYDRANT. ONE PEA GRAVEL BARRIER WILL BE REQUIRED ALONG THE 1-INCH DIAMETER WATER SERVICE LINE. TWO PEA GRAVEL BARRIERS WILL BE REQUIRED ALONG THE SANITARY SEWER LINE. SEE THIS SHEET FOR DETAIL LANDFILL GAS BARRIER TO BE USED ON ALL THE UTILITY LINES.

2- ALL EXCAVATION, TRENCHING AND SHORING ACTIVITIES MUST BE CARRIED OUT IN ACCORDANCE WITH OSHA 29 CFR 1926.650 SUBPART P.

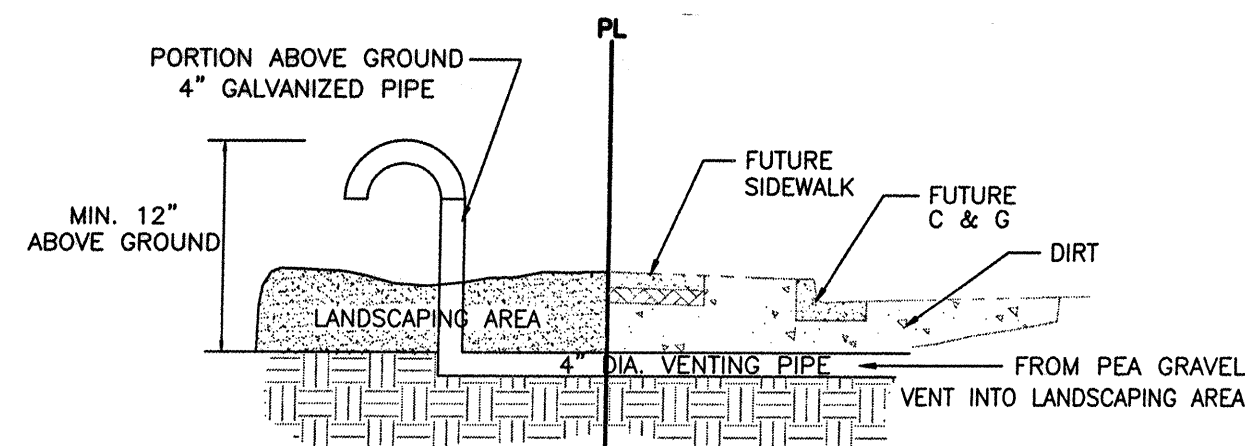
RECORD DRAWING

I, **SHAHAB BIAZAR**, OF THE FIRM OF **ADVANCED ENGINEERING**, 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 **LEONARD MARTINEZ** OF **ADVANCED ENGINEERING**, NMPS NUMBER 8901.

SHAHAB BIAZAR
REGISTERED PROFESSIONAL ENGINEER
NEW MEXICO
13479
DATE: 10/11/03
Advanced Eng. & Cons., LLC
NMPE NO. 13479

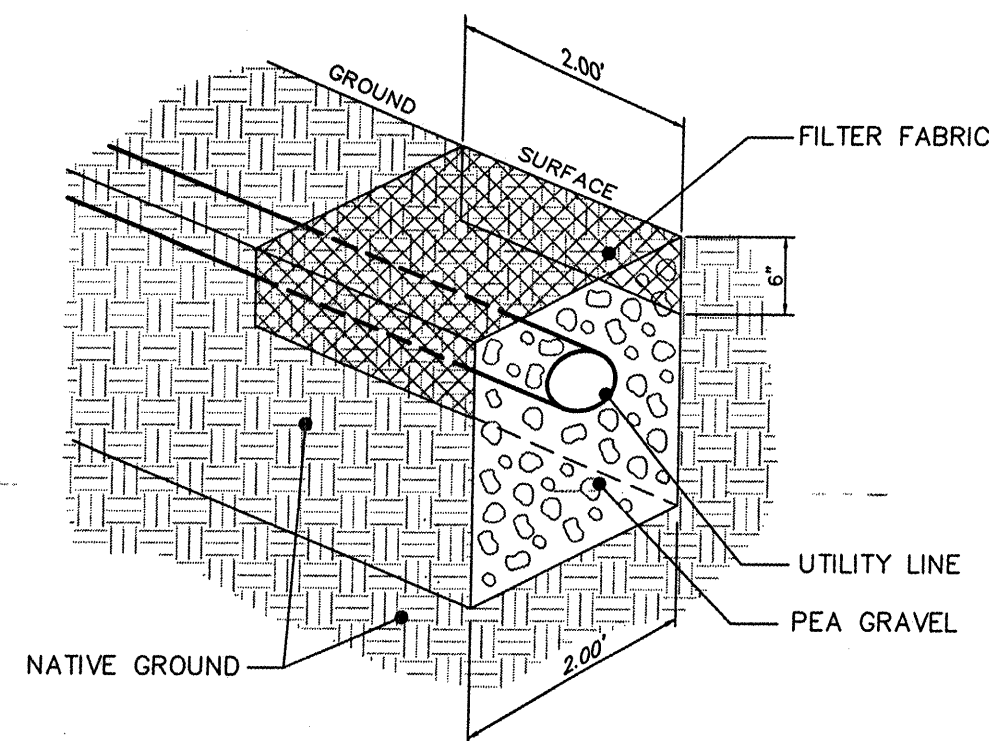
AEHD SPECIAL REQUIREMENT:

THERE ARE SPECIAL REQUIREMENTS FOR THE INSTALLATION OF UTILITY AND INFRASTRUCTURE LINES AS REQUIRED BY THE PROFESSIONAL ENGINEER WITH LANDFILL GAS EXPERTISE IN HIS REPORT ENTITLED: "PHASE I AND II ENVIRONMENTAL SITE ASSESSMENT LOT 29 OF BLOCK 5, TRACT A, UNIT B NORTH ALBUQUERQUE ACRES 5401 SAN DIEGO AVENUE, NE ALBUQUERQUE, NEW MEXICO" UNDATED.



EXHAUST OUTLET DETAIL

N.T.S.



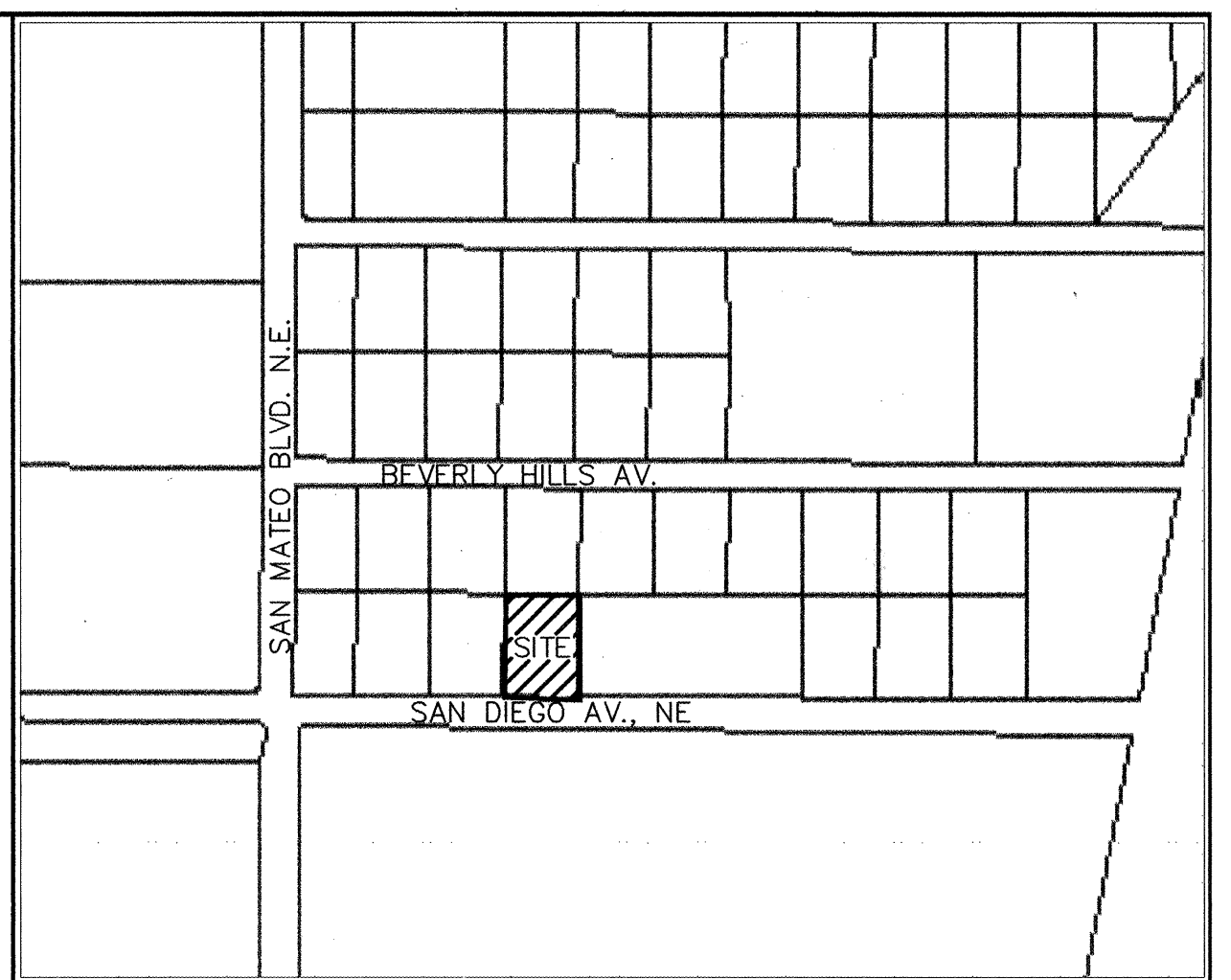
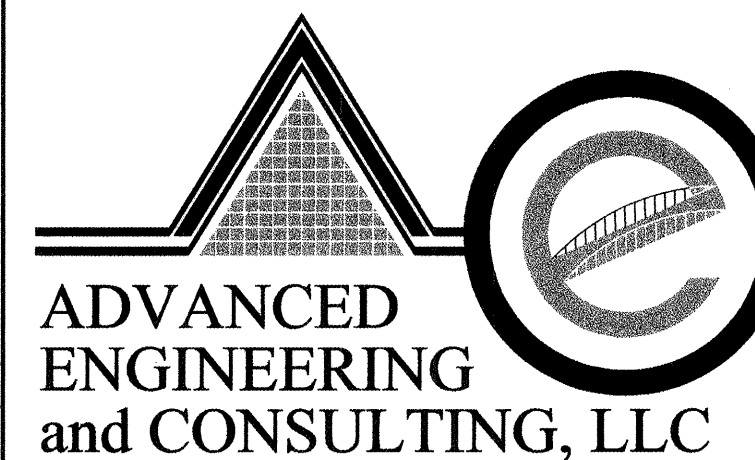
DETAIL LANDFILL GAS BARRIER

N.T.S.

TRAFFIC CONTROL PLAN

USE TYPICAL RIGHT LANE CLOSURE
SEE SHEET 3 OF 4 FOR DETAILS.

DRB CASE NUMBER 1002580



VICINITY MAP ZONE ATLAS B-18-Z

N.T.S. NOTICE TO CONTRACTORS SCALE NONE

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

2. TWO WORKING DAYS PRIOR TO ANY EXCAVATION, THE CONTRACTOR MUST CONTACT NEW MEXICO ONE CALL SYSTEM (260-1990) FOR LOCATION OF EXISTING UTILITIES.

3. ANY WORK AFFECTING AN ARTERIAL ROADWAY REQUIRES 24-HOUR CONSTRUCTION.

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 OR SURVEYOR 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 CONSTRUCTION, THE CONTRACTOR SHALL OBTAIN A BARRICADING PERMIT FROM THE CONST. COORDINATION DIVISION. CONTRACTOR SHALL NOTIFY BARRICADE ENGINEER (924-3400) PRIOR TO OCCUPYING AN INTERSECTION. REFER TO STANDARD SPECIFICATIONS.

6. ALL STREET STRIPING ALTERED OR DESTROYED SHALL BE REPLACED WITH PLASTIC REFLECTORIZED PAVEMENT MARKINGS BY THE CONTRACTOR TO LOCATION AS EXISTING OR AS INDICATED BY THIS PLAN SET.

7. CONTRACTOR SHALL NOTIFY THE ENGINEER NOT LESS THAN SEVEN (7) DAYS PRIOR TO STARTING WORK IN ORDER THAT THE ENGINEER MAY TAKE NECESSARY MEASURES TO INSURE THE PRESERVATION OF SURVEY MONUMENTS. CONTRACTOR SHALL NOT DISTURB PERMANENT SURVEY MONUMENTS WITHOUT THE CONSENT OF THE ENGINEER AND SHALL NOTIFY THE ENGINEER 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 COVER TO THE NEW GRADE UNLESS OTHERWISE SPECIFIED. REFER TO SECTION 4.4 OF THE GENERAL CONDITIONS OF THE STANDARD SPECIFICATIONS. ANY PERMANENT SURVEY MONUMENT LOCATED WITHIN 50' OF THIS PROJECT THAT IS NOT SHOWN ON THE PLAN AND IS DESTROYED DURING CONSTRUCTION WILL BE REPLACED AT THE DESIGNERS EXPENSE.

8. FOR STORM DRAIN CONSTRUCTION, RCP PIPE JOINTS SHALL NOT BE GROUTED PRIOR TO FINAL INSPECTION. FINAL INSPECTION WILL DETERMINE JOINTS TO BE GROUTED FOR FINAL ACCEPTANCE OF THE CONSTRUCTION.

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.

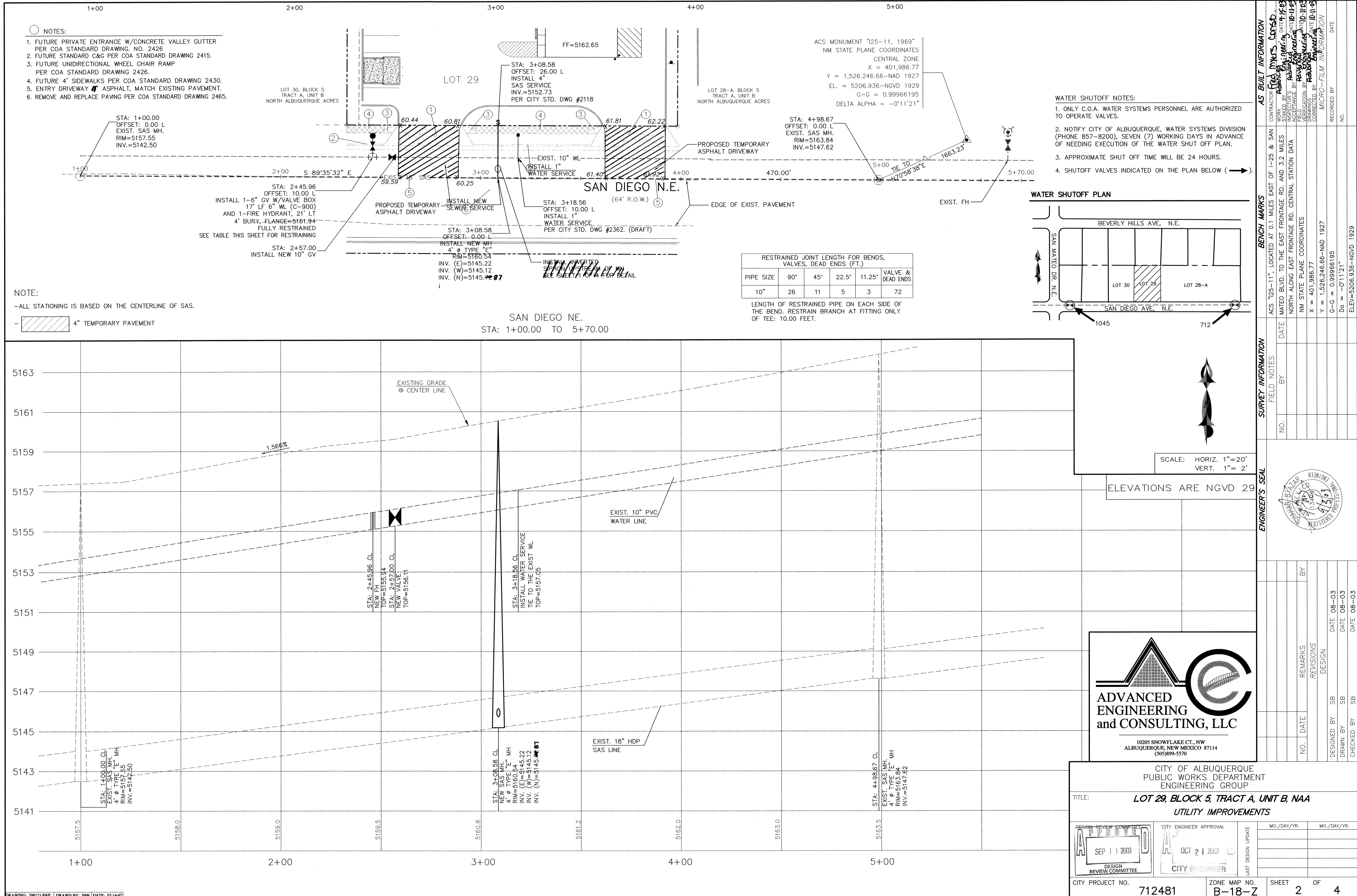
☐ TACK COAT REQUIREMENTS SHALL BE DETERMINED BY THE DESIGN ENGINEER.

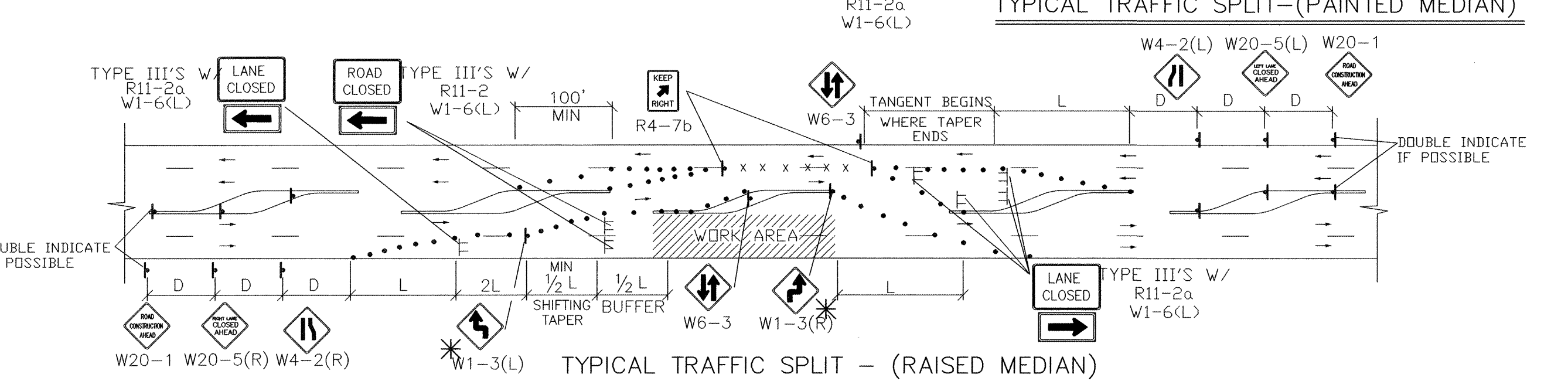
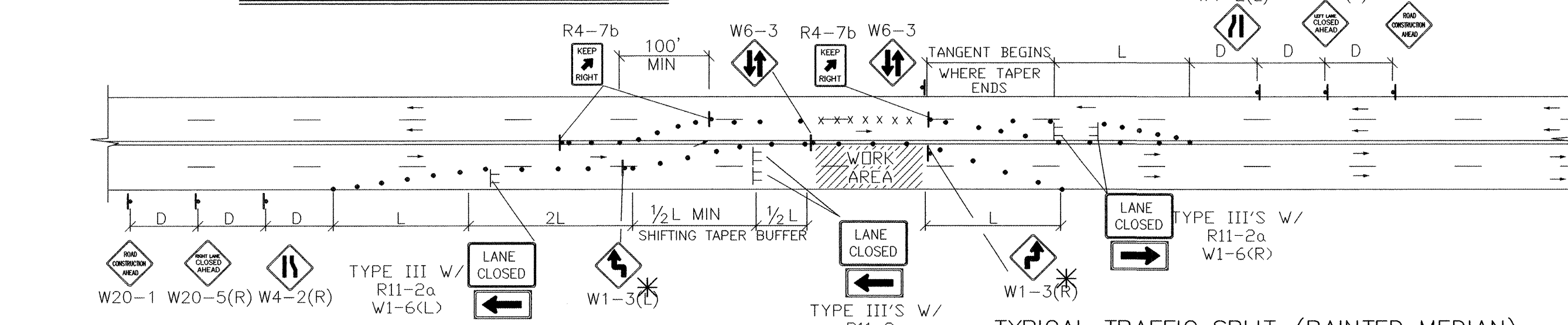
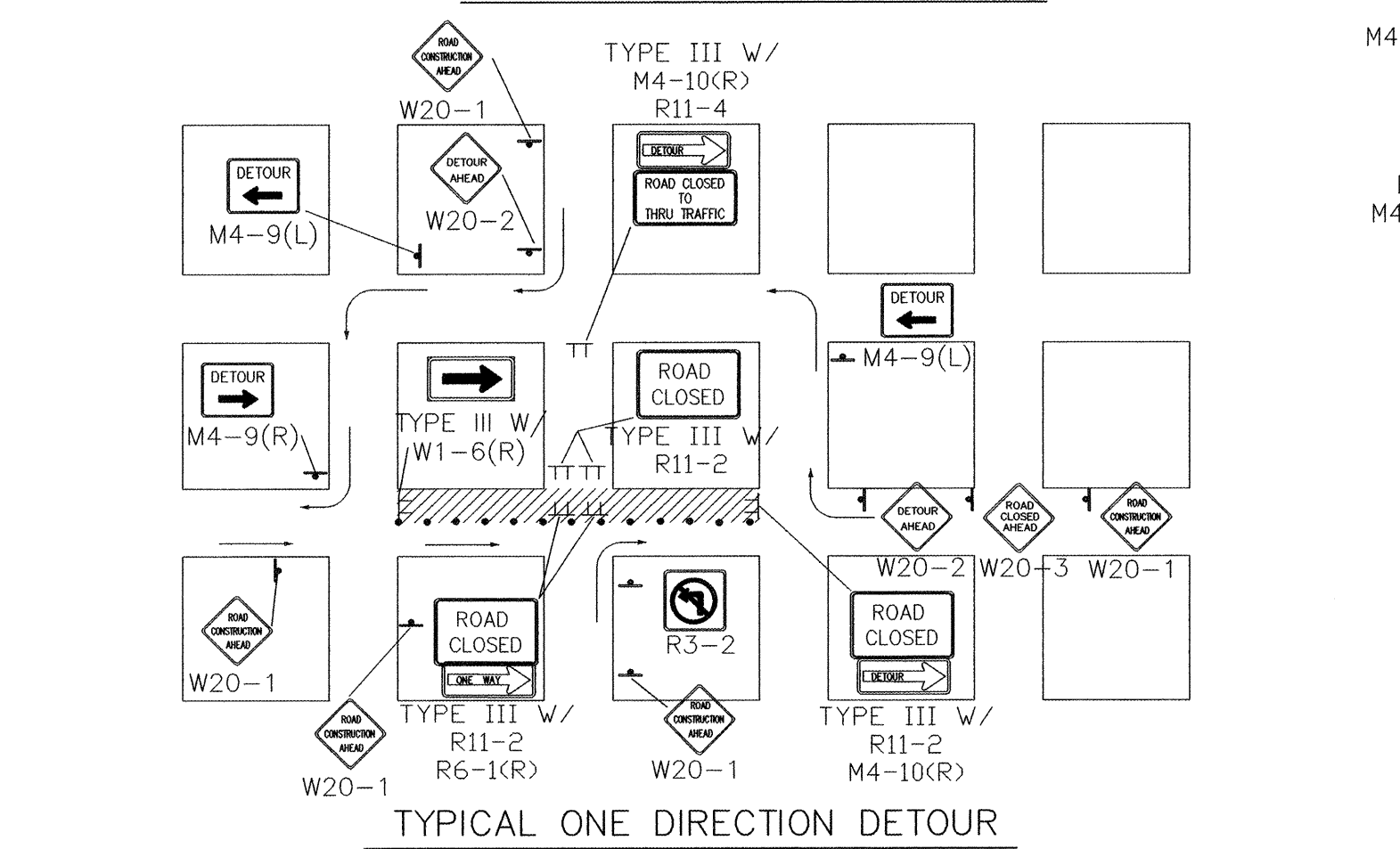
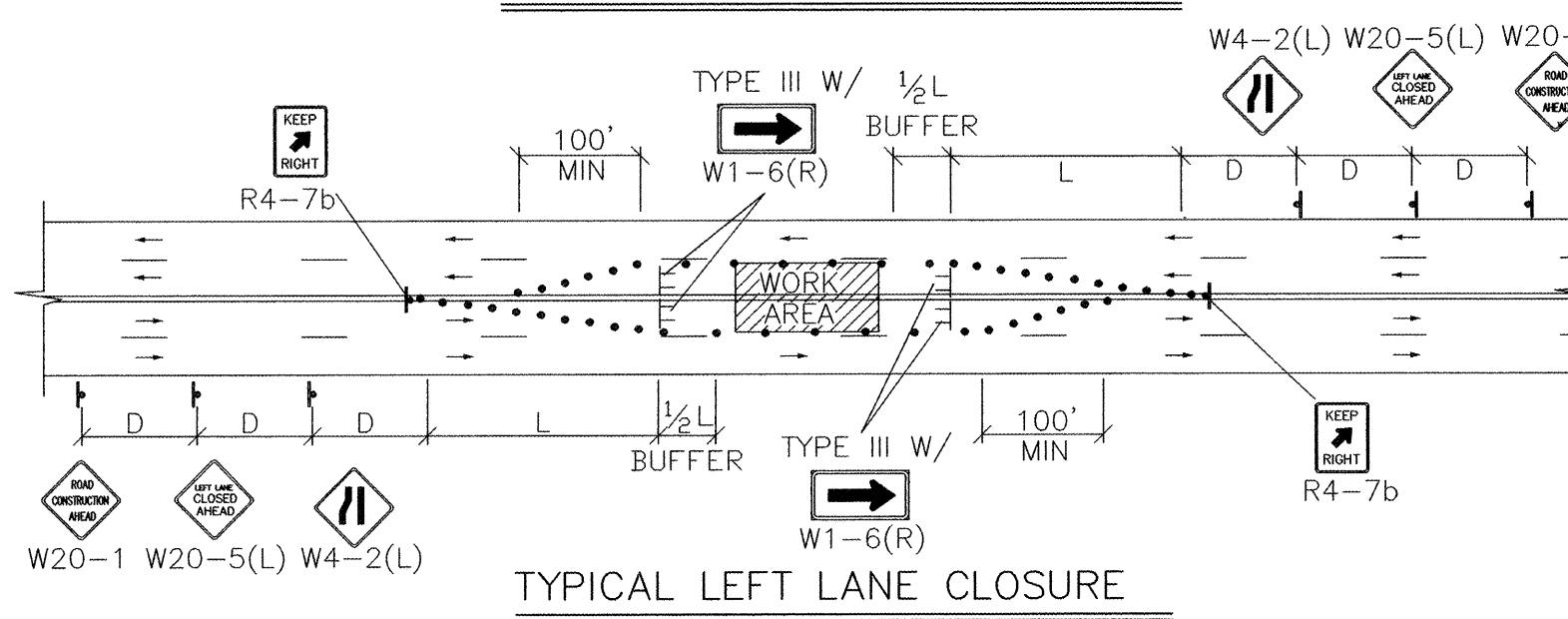
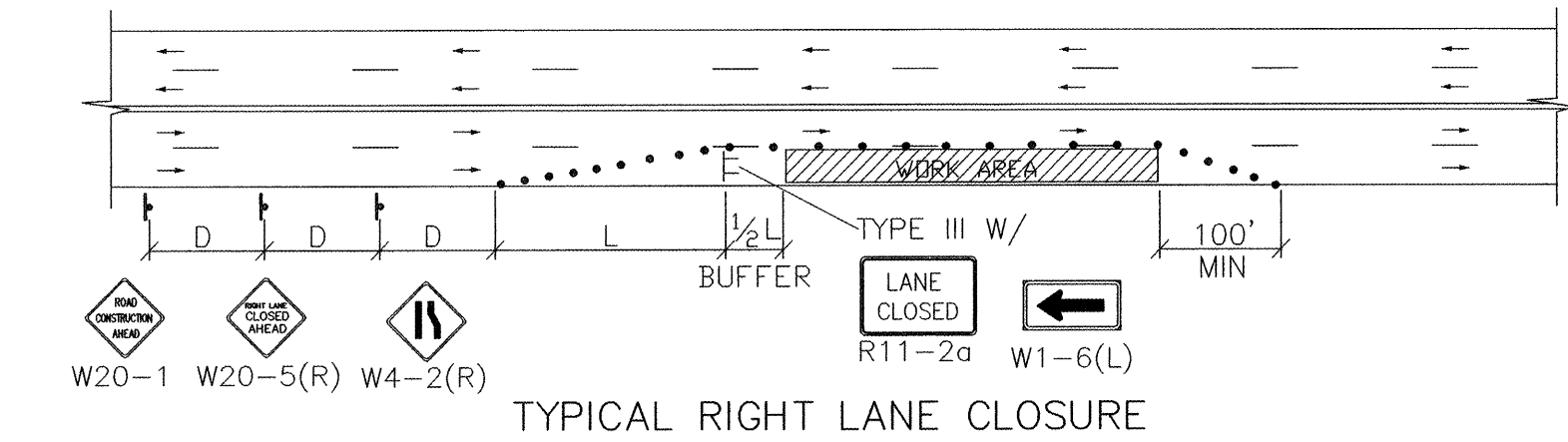
☐ SIDEWALKS AND WHEELCHAIR RAMPS WITHIN THE CURB RETURNS SHALL BE CONSTRUCTED WHEREVER A NEW CURB RETURN IS CONSTRUCTED.

☐ IF CURB IS DERESSED FOR A DRIVEPAD, THE DRIVEPAD SHALL BE CONSTRUCTED PRIOR TO ACCEPTANCE OF CURB AND GUTTER.

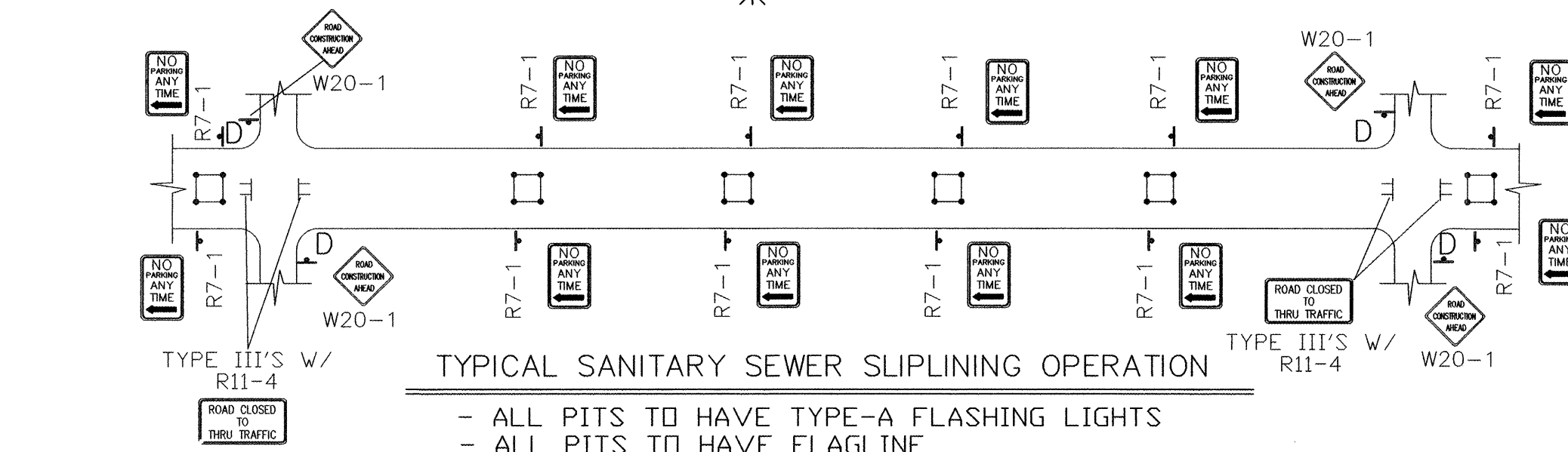
☐ ALL STORM DRAINAGE FACILITIES SHALL BE COMPLETED PRIOR TO FINAL ACCEPTANCE.

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- 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.



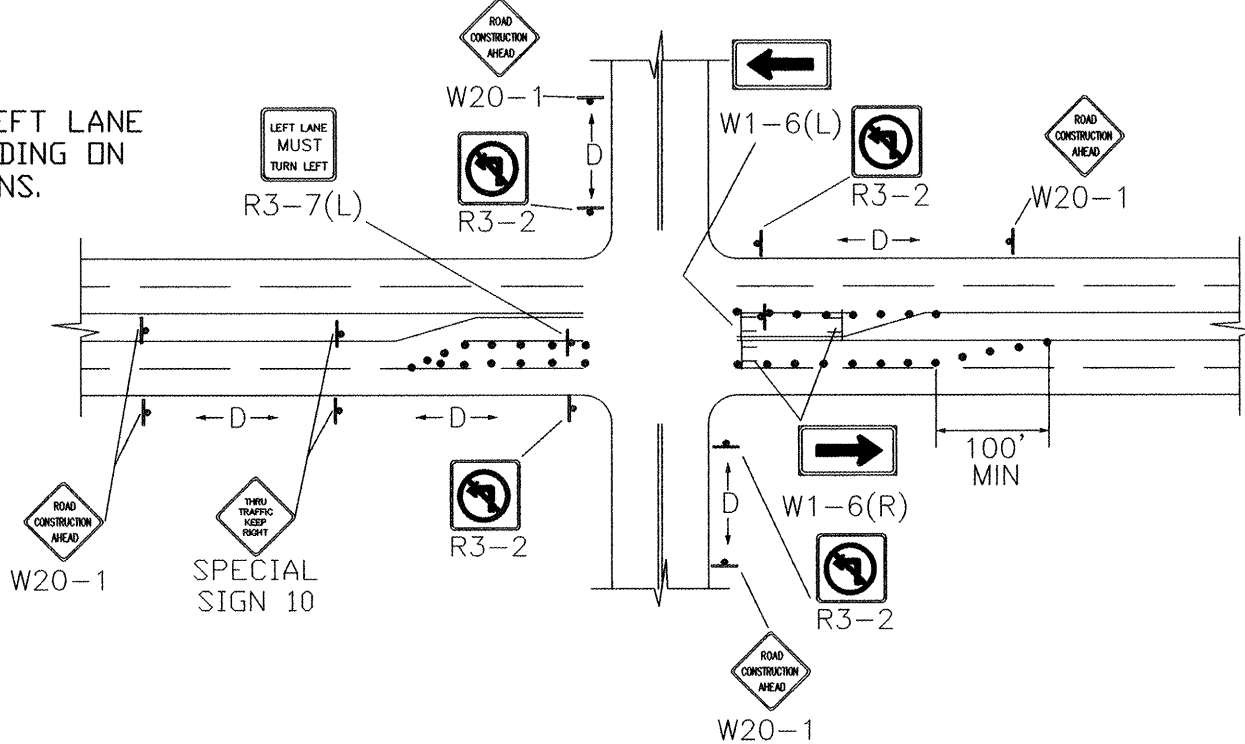
GENERAL NOTE:

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

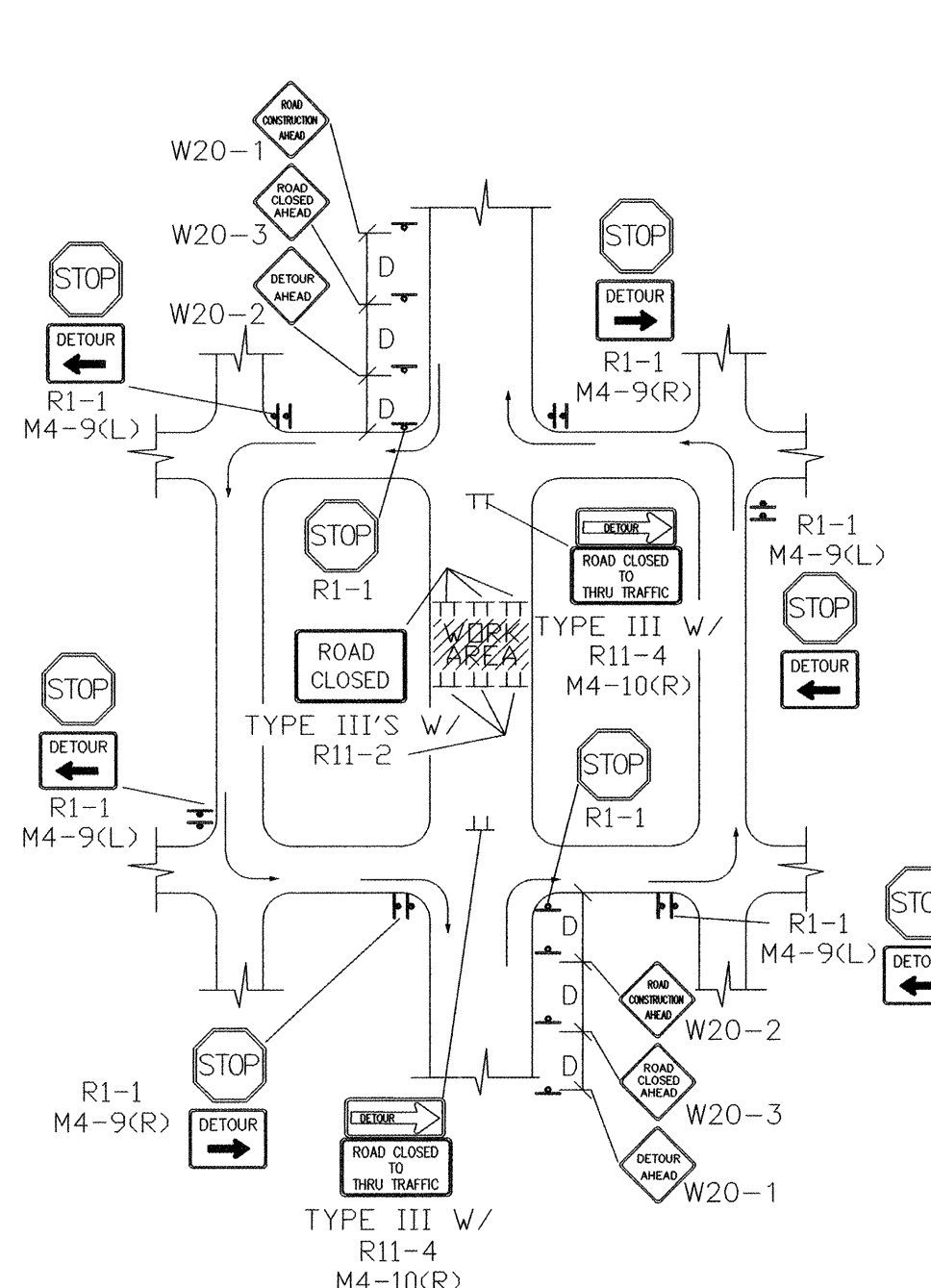
ALL ADVANCE WARNING SIGNS SHALL BE A MINIMUM OF 36" THIRTY SIX INCHES BY 36" THIRTY SIX INCHES IN SIZE AND SHALL HAVE ONE WARNING LIGHT.

NOTE:

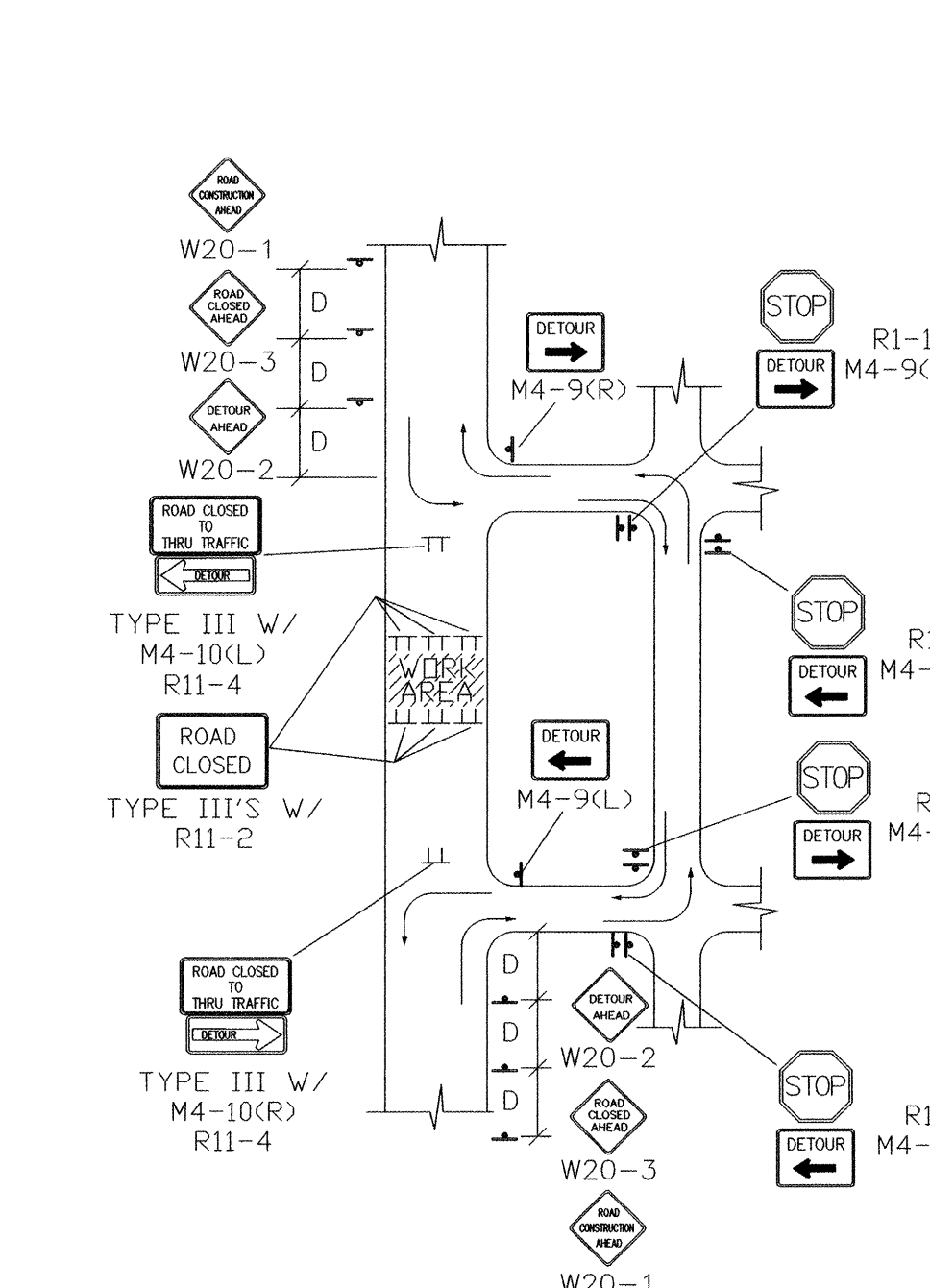
MAY REQUIRE LEFT LANE CLOSURE DEPENDING ON FIELD CONDITIONS.



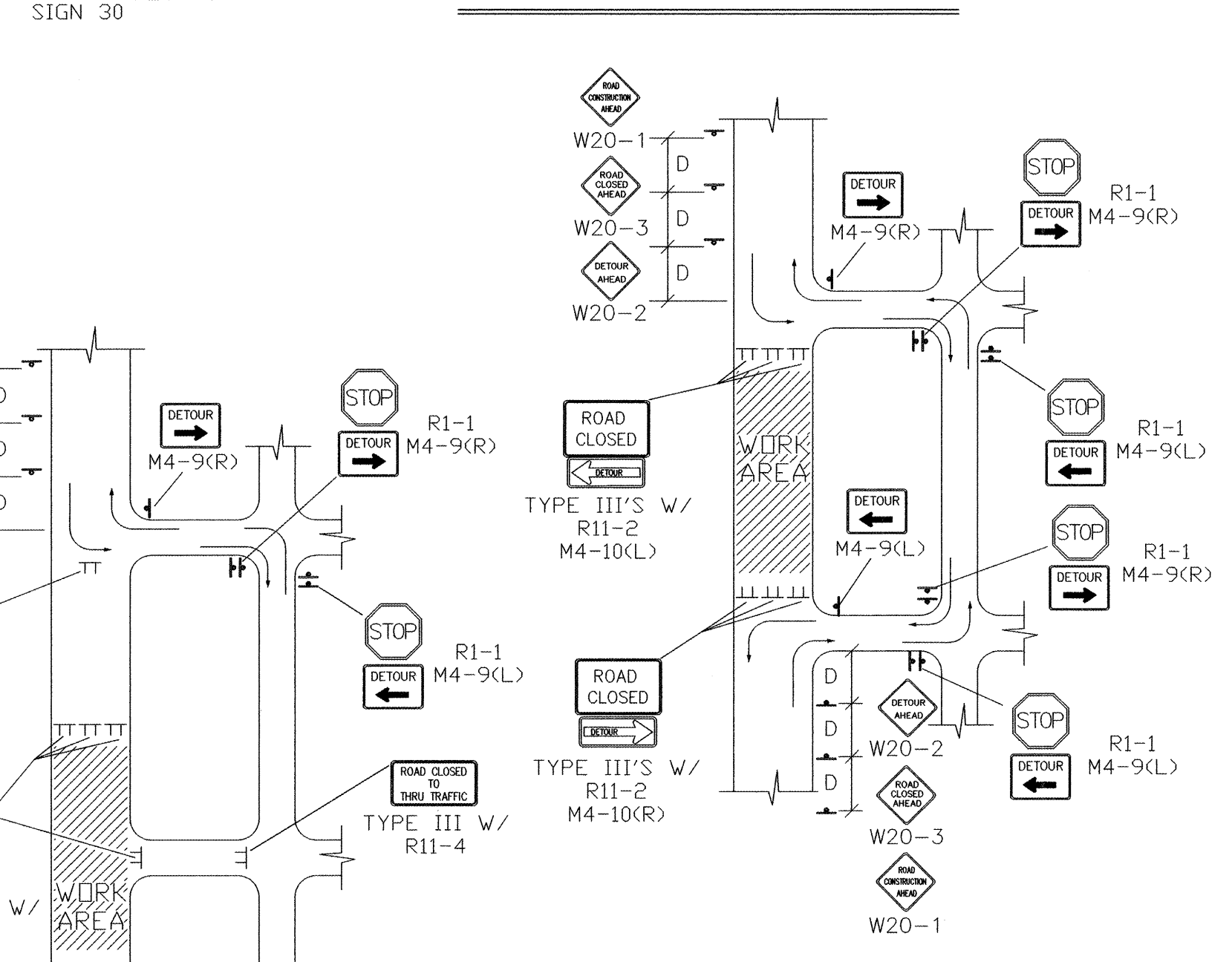
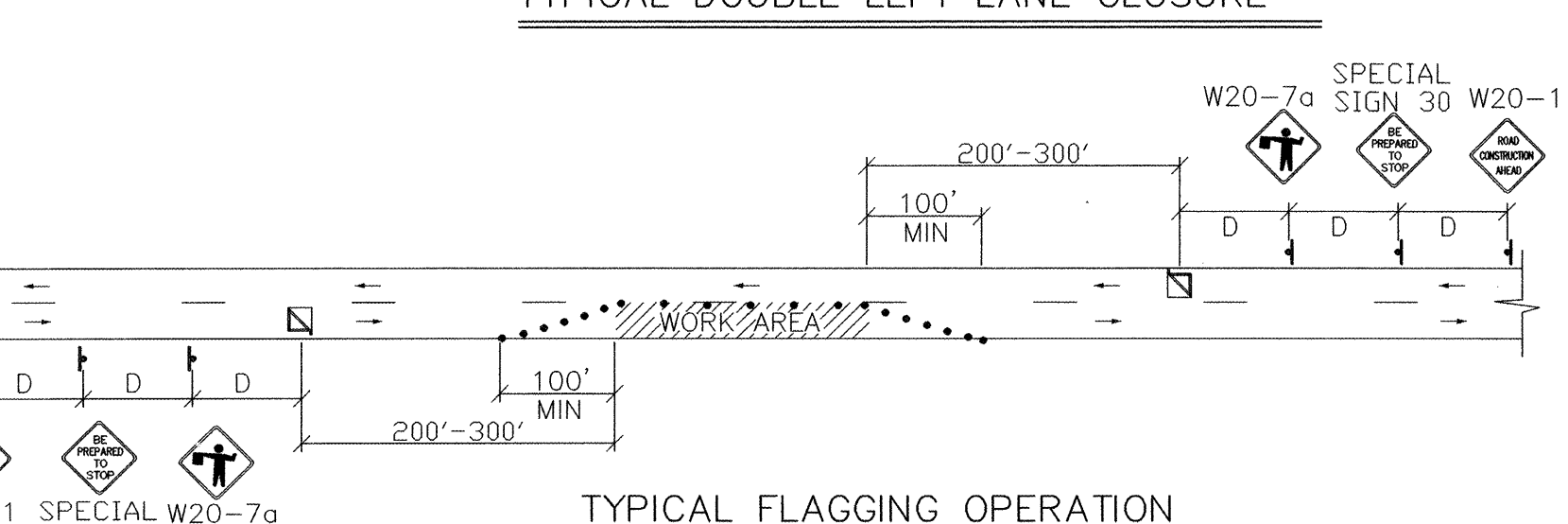
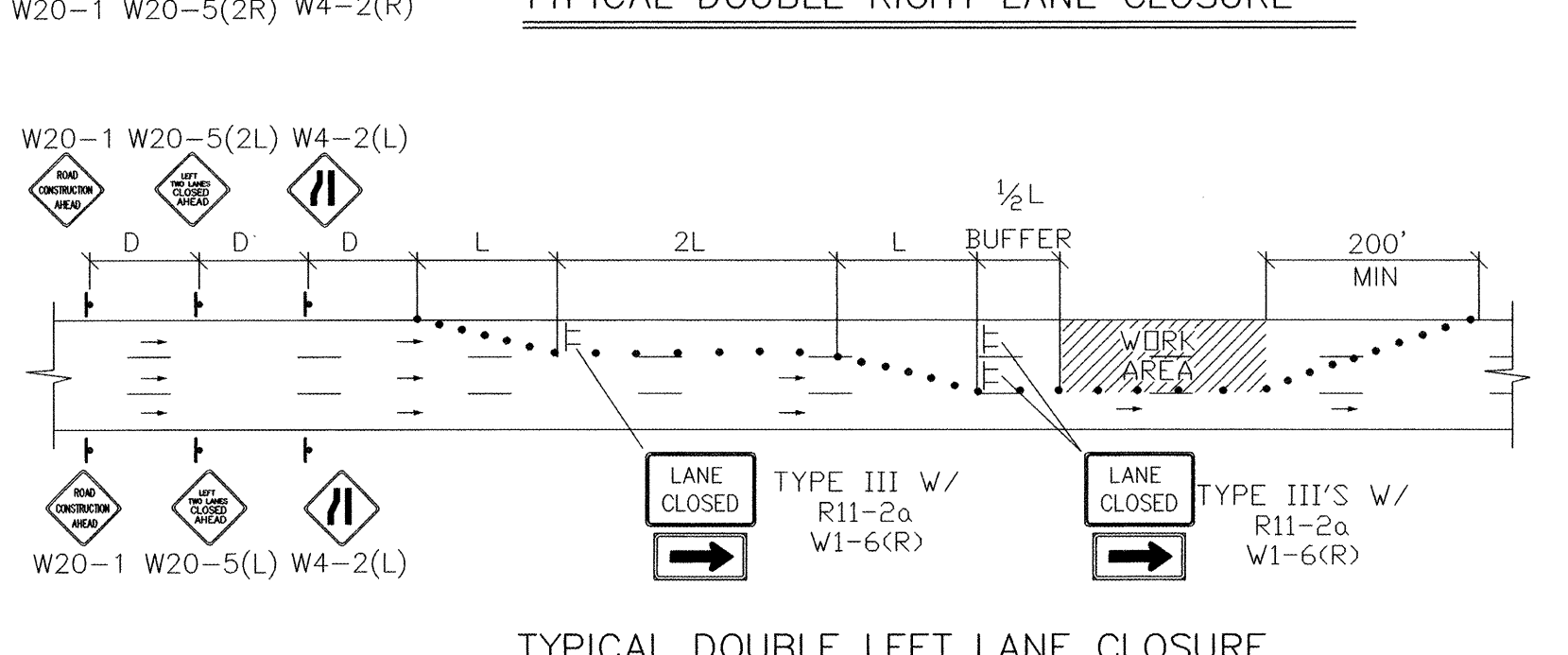
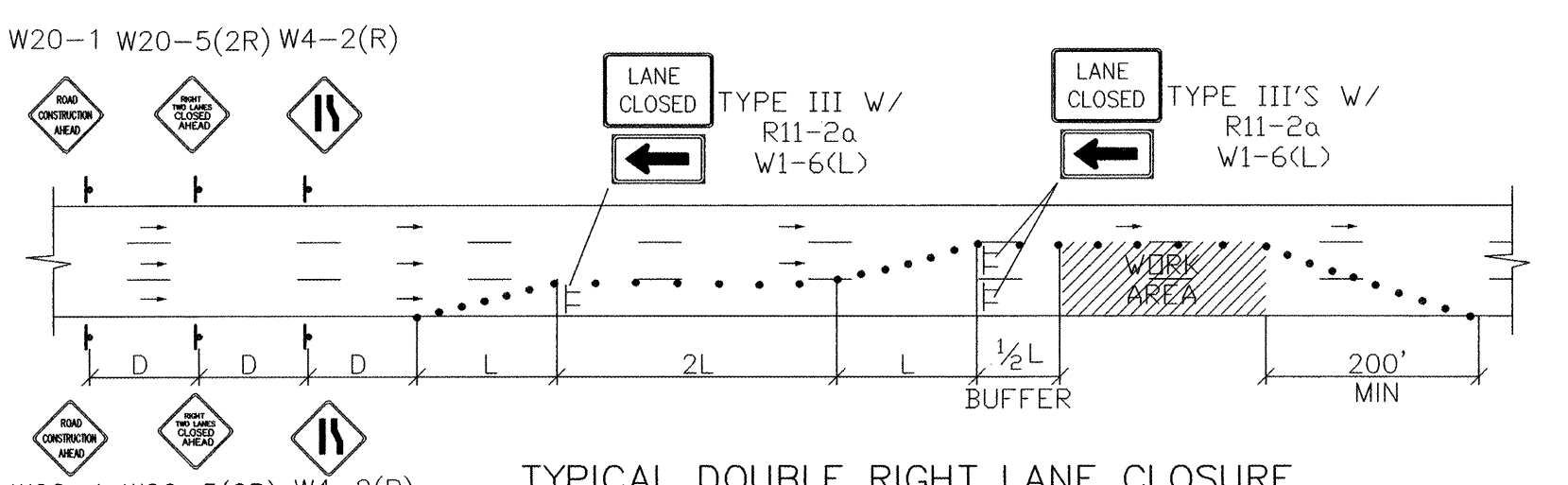
NOTE: DEPENDING ON WORK ZONE LOCATION.



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



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		CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING DEVELOPMENT GROUP	
TITLE: TYPICAL TRAFFIC CONTROL & SIGNING EXAMPLES (REF MUTCD)			
DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	MO./DAY/YR.	MO./DAY/YR.
COA STANDARD	COA STANDARD	LAST DESIGN UPDATE	
CITY PROJECT NO.	712481	ZONE MAP NO.	B-18-Z
SHEET	3	OF	4

AS-BUILT INFORMATION CONTRACTOR: Red Meadows Construction WORK: Red Meadows Construction DATE: 9-15-08 FIELD: Red Meadows Construction DATE: 10-11-08 DRAWINGS: Red Meadows Construction DATE: 10-11-08 MICRO-FILM INFORMATION RECORDED BY: NO. DATE: NO.		BENCH MARKS ACS: "25-11", LOCATED AT 0.1 MILES EAST OF I-25 & SAN MATEO BLVD. TO THE EAST FRONTAGE RD. AND 3.2 MILES NORTH ALONG EAST FRONTAGE RD. CENTRAL STATION DATA NN STATE PLANE COORDINATES X = 401,986.77 Y = 1,526,246.66-NAD 1927 G-G = 0.99966195 Da = -011121" ELEV=5206.936-NGVD 1929	
SURVEY INFORMATION FIELD NOTES NO. BY DATE		ENGINEER'S SEAL NO. BY DATE J.D.L. NO. DATE P/24/97/REVIS GENERAL NOTE REMARKS REVISIONS DESIGN DESIGNED BY BOHANNAN HUSTON DRAWN BY BOHANNAN HUSTON CHECKED BY BOHANNAN HUSTON DATE 5-97 DATE 5-97 DATE 5-97	

