



CALL NM ONE-CALL
SYSTEM SEVEN (7) DAYS
PRIOR TO ANY EXCAVATION



CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT
ENGINEERING DIVISION

CIVIL DETAILS

CITY ENGINEER APPROVAL

NR-SU

000000

FEET NO. 907

NO.		DATE	DESCRIPTION	BY
AS-BUILT INFORMATION				
WORK STAKED BY: _____ DATE: _____				
INSPECTOR'S ACCEPTANCE BY: _____ DATE: _____				
FIELD VERIFICATION BY: _____ DATE: _____				
DRAWINGS CORRECTED BY: _____ DATE: _____				

BM#1
TOP OF SANITARY
SEWER MANHOLE
ELEVATION = 5284.30'

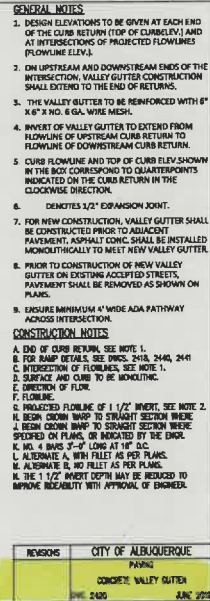
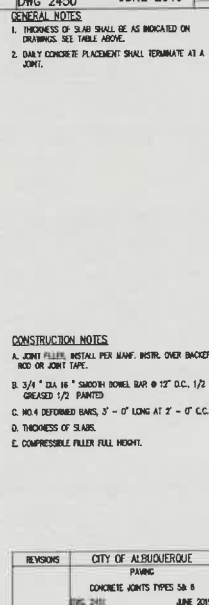
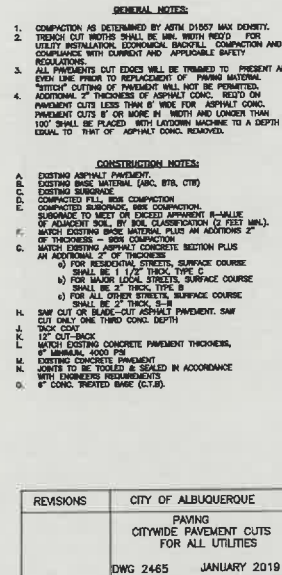
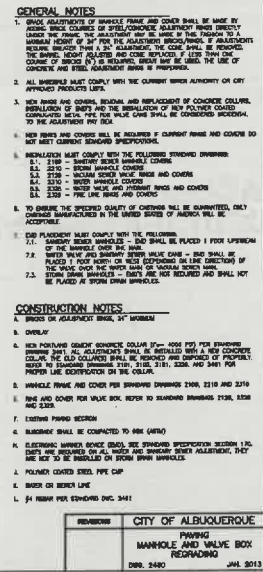
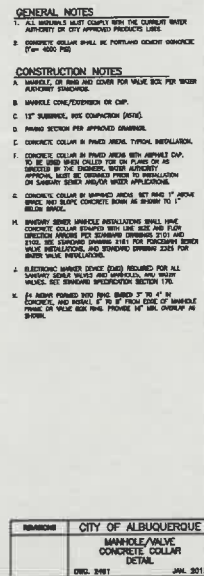
KABQ CARGO FACILITY
2200 Sunport Blvd,
Albuquerque, NM 87106

BOHLER

14

SITE CIVIL AND CONSULTING ENGINEERING
 PROJECT MANAGEMENT
 LANDSCAPE ARCHITECTURE
 SUSTAINABLE DESIGN
 PERMITTING DESIGN
 TRANSPORTATION SERVICES

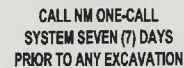
BOHLER AND ASSOCIATES, INC. 1001 S. 10TH AVE. SUITE 200 DENVER, CO 80202
 TEL: 303.733.0000 FAX: 303.733.0001 WWW.BOHLERAA.COM



**TRAFFIC CIRCULATION LAYOUT
APPROVED**

 _____
Signed

 _____
Date



CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT
ENGINEERING DIVISION



CIVIL DETAILS

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	ZONE MAP NO.	NR-SU
		CITY PROJECT NO.	000000
		SHEET NO.	C-903

CONSULTANTS

BOHLER//

SITE CIVIL AND CONSULTING ENGINEERING
LAND SURVEYING
PROSPECT ARCHITECT
LANDSCAPE ARCHITECTURE
SUSTAINABLE DESIGN
PERMITTING SERVICES
TRANSPORTATION SERVICES

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KABQ CARGO FACILITY
2200 Sunport Blvd,
Albuquerque, NM 87106

BM#1
TOP OF SANITARY
SEWER MANHOLE
ELEVATION = 5284.30'

BENCH MARKS

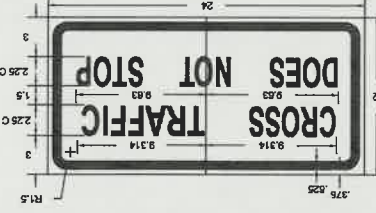
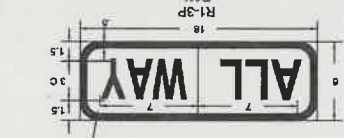
SEAL

[illegible]

DESIGNED BY:	AAA
DRAWN BY:	AAA
CHECKED BY:	DOC
DATE	10/2021



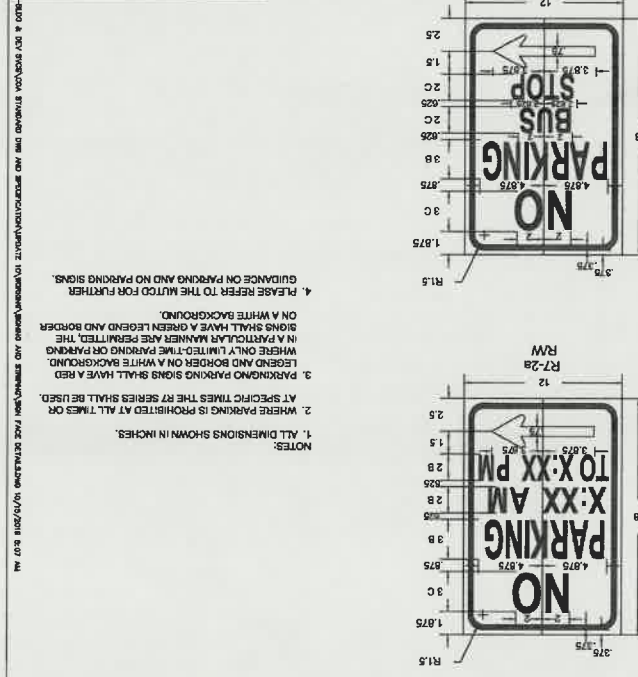
Stop Sign Standards			
Street Type	Speed Limit	Letter Height	Sign Size
Single Lane	40 MPH or less	10 in.	30 in.
Multi-lane	45 MPH or more	12 in.	36 in.



- NOTES:
1. ALL DIMENSIONS SHOWN IN INCHES
 2. STOP SIGNS (R1-1) SHALL BE AN OCTAGON WITH A WHITE LEGEND AND BORDER ON A RED BACKGROUND.
 3. WHEN IT IS DETERMINED THAT A FULL STOP IS REQUIRED ON AN APPROACH TO AN INTERSECTION, A STOP SIGN (R1-1) SHALL BE USED.
 4. WHERE SIDE ROAD INTERSECT A MULTILANE STREET OR HIGHWAY THAT HAS A SPEED LIMIT OF 40 MPH OR LOWER, THE MINIMUM SIZE OF THE STOP SIGN SHALL BE 30 INCHES.
 5. WHERE SIDE ROAD INTERSECT A MULTILANE STREET OR HIGHWAY THAT HAS A SPEED LIMIT OF 45 MPH OR HIGHER, THE MINIMUM SIZE OF THE STOP SIGN SHALL BE 36 INCHES.
 6. SECONDARY LEGENDS SHALL NOT BE USED ON STOP SIGN FACES.
 7. AT INTERSECTIONS WHERE ALL APPROACHES ARE CONTROLLED BY STOP SIGNS, AN ALL WAY SUPPLEMENTAL PLACQUE (R1-3P) SHALL BE MOUNTED BELOW EACH STOP SIGN. THE ALL WAY PLACQUE SHALL HAVE A WHITE LEGEND AND BORDER ON A RED BACKGROUND.
 8. THE ALL WAY (R1-3P) PLACQUE SHALL ONLY BE USED IF ALL INTERSECTION APPROACHES ARE CONTROLLED BY STOP SIGNS.
 9. SUPPLEMENTAL PLACQUES WITH LEGENDS SUCH AS 2-WAY, 3-WAY, 4-WAY, OR OTHER NUMBERS OF WAYS SHALL NOT BE USED WITH STOP SIGNS.
 10. THE CROSS TRAFFIC DOES NOT STOP (W4-4P) PLACQUE MAY BE USED IN COMBINATION WITH A STOP SIGN WITH ENGINEERING JUDGEMENT INDICATES THAT CONDITIONS ARE PRESENT THAT ARE CAUSING OR COULD CAUSE DRIVERS TO MISINTERPRET THE INTERSECTION AS AN ALL-WAY STOP.
 11. IF A R1-3P OR W4-4P PLACQUE IS USED, IT SHALL BE MOUNTED BELOW THE STOP SIGN.
 12. WHEN STREET NAME SIGNS ARE USED, THEY SHALL BE MOUNTED ON TOP OF THE STOP SIGN. MOUNT LARGER HEIGHT STREET NAME SIGN ABOVE SMALLER HEIGHT STREET NAME SIGN. SIGN READ BY THE VEHICLES TRAVELING ON THE ARTERIAL COLLECTOR ROADWAY SHALL BE 12" IN HEIGHT PER STANDARD DRAWING 200-406. SIGN READ BY THE VEHICLES TRAVELING ON THE NON-ARTERIAL ROADWAY SHALL BE 10" IN HEIGHT PER STANDARD DRAWING 200-406. SEE EXAMPLE SHOWN BELOW.

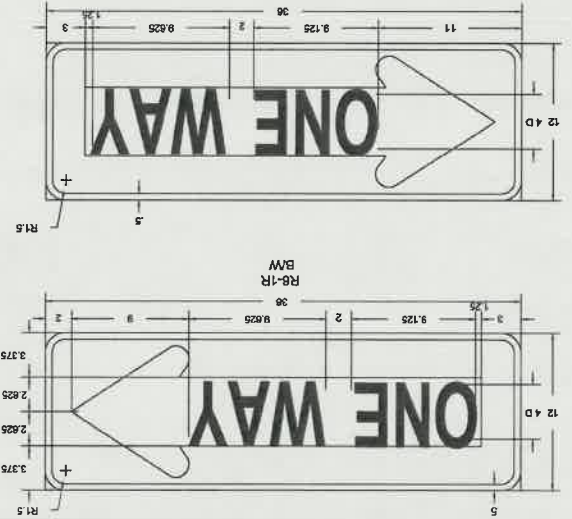
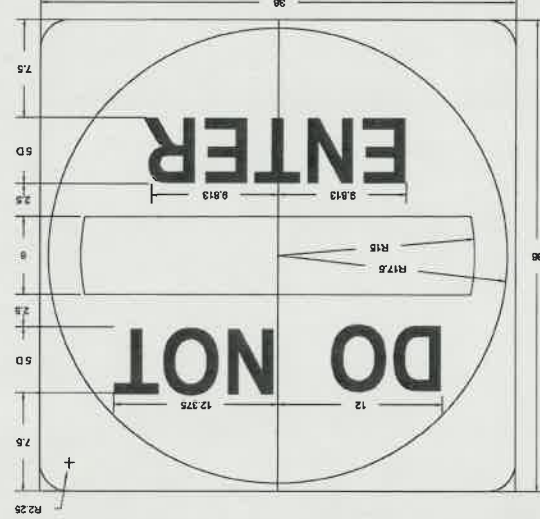
CITY OF ALBUQUERQUE	
REVISIONS	DATE
1	10/19/2019

CITY OF ALBUQUERQUE	
REVISIONS	DATE
1	10/19/2019



- NOTES:
1. ALL DIMENSIONS SHOWN IN INCHES
 2. WHERE PARKING IS PROHIBITED AT ALL TIMES OR AT SPECIFIC TIMES THE R7 SERIES SHALL BE USED.
 3. PARKING AND BORDER ON A WHITE BACKGROUND. WHERE ONLY LIMITED-TIME PARKING OR PARKING WHERE ONLY LIMITED-TIME PARKING OR PARKING IS PERMITTED, THE SIGN SHALL HAVE A GREEN LEGEND AND BORDER ON A WHITE BACKGROUND.
 4. PLEASE REFER TO THE MUTCD FOR FURTHER GUIDANCE ON PARKING AND NO PARKING SIGNS.

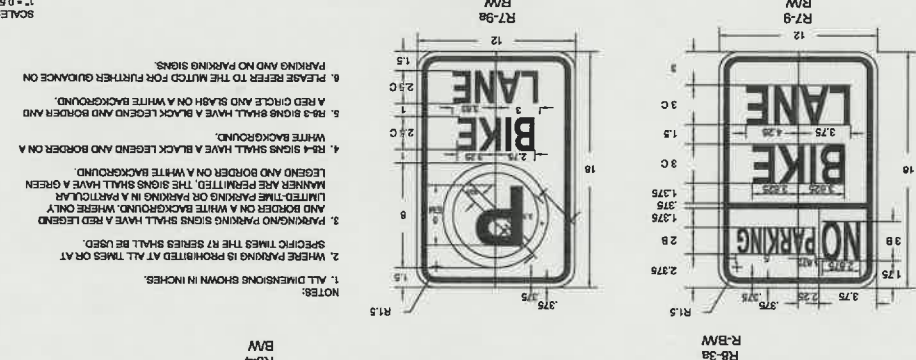
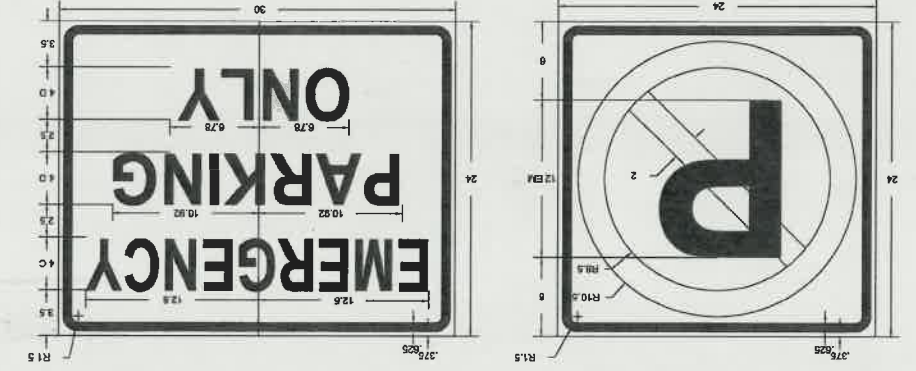
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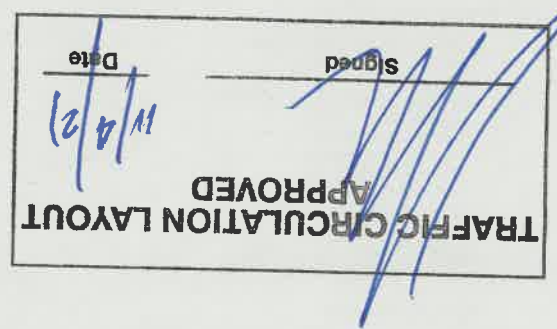
CITY OF ALBUQUERQUE	
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CITY OF ALBUQUERQUE	
REVISIONS	DATE
1	10/19/2019



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SYSTEM SEVEN (7) DAYS
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DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	ZONE MAP NO. NR-SU	CITY PROJECT NO. 000000	SHEET NO. C-904
CITY OF ALBUQUERQUE DEPARTMENT OF MUNICIPAL DEVELOPMENT ENGINEERING DIVISION CIVIL DETAILS				
DATE: 10/20/2019				

NO.	DATE	CITY COMMENTS
1	10/18/21	

NO.	DATE	DESCRIPTION
1	10/18/21	AS-BUILT INFORMATION

NO.	DATE	INSPECTOR'S ACCEPTANCE BY:
1	10/18/21	

NO.	DATE	FIELD VERIFICATION BY:
1	10/18/21	

NO.	DATE	DRAWINGS CORRECTED BY:
1	10/18/21	

NO.	DATE	DESCRIPTION
1	10/18/21	AS-BUILT INFORMATION

NO.	DATE	INSPECTOR'S ACCEPTANCE BY:
1	10/18/21	

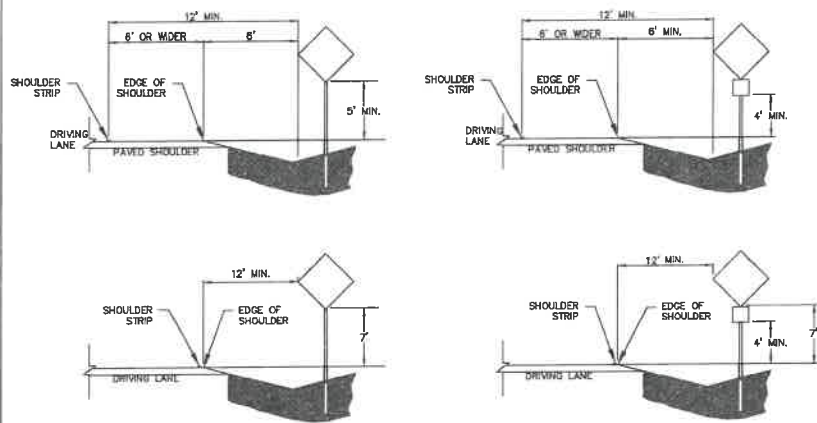
NO.	DATE	FIELD VERIFICATION BY:
1	10/18/21	

NO.	DATE	DRAWINGS CORRECTED BY:
1	10/18/21	

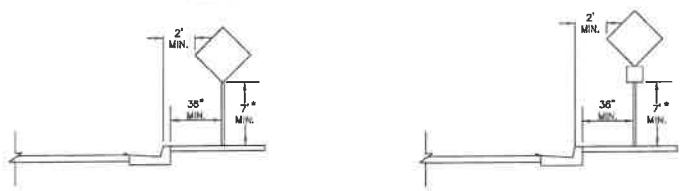
CONSULTANTS	BOHLER
SITE CIVIL AND CONSULTING ENGINEERING LANDSCAPE ARCHITECTURE PROGRAM MANAGEMENT PERMITTING SERVICES TRANSPORTATION SERVICES	

BENCH MARKS	BM#1 TOP OF SANITARY SEWER MANHOLE ELEVATION = 5284.30'
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2200 Sunport Blvd.	KABQ CARGO FACILITY
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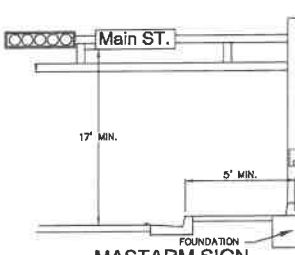
ROADSIDE SIGN IN RURAL AREAS



ROADSIDE SIGN IN URBAN AREAS



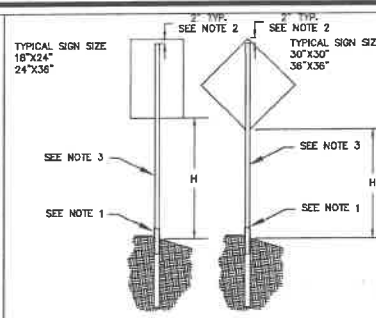
SIGN ON MEDIAN NOSE



FOUNDATION
MASTARM SIGN

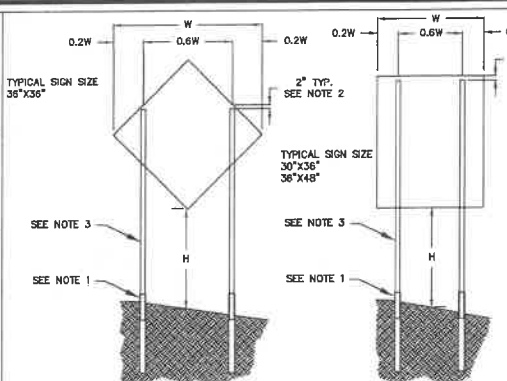
- GENERAL NOTES:
1. HORIZONTAL CLEARANCE SHALL BE MAINTAINED ON THE INSIDE OF ROADWAY.
2. SUPPLEMENTAL SIGNAGE SHALL BE INSTALLED AS REQUIRED.
3. SPACING BETWEEN SIGNS SHALL NOT EXCEED 100 FEET.

REVISIONS	CITY OF ALBUQUERQUE
	SIGN SUPPORT INSTALLATION DETAILS
	DWG. 2600-701 NOVEMBER 2019



SIGN POST REQUIREMENTS			
POST TYPE	POST SIZE	MAX. CLEAR HEIGHT' (FT.)	MAX. SIGN AREA (SQ. FT.)
SQUARE TUBING	2"x2" (12 GA.)	8	8
SQUARE TUBING	2"x2" (12 GA.)	8	8
SQUARE TUBING	2"x2" (12 GA.)	7	10

SINGLE POST INSTALLATION
(TOTAL SIGN AREA NOT TO EXCEED 10 SQ. FT.)



DOUBLE POST INSTALLATION
(CRACK FILL AREA NOT TO EXCEED 15 SQ. FT.)

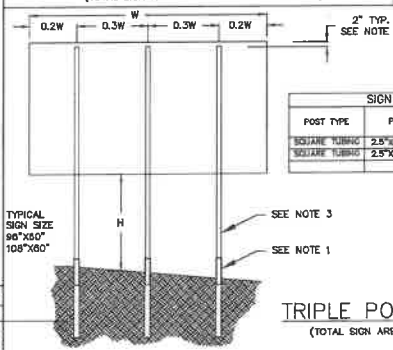
0.2W

2" TYP.
SEE NOTE 2

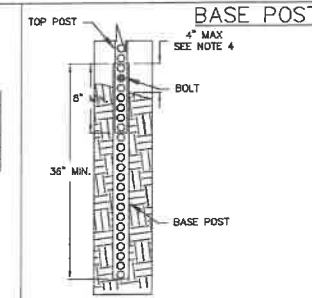
*NOTE
ALL CITY OF ALBUQUERQUE SIGN POSTS SHALL
BE 2'x2" SQUARE TUBING. WHILE REPLACING
SIGN POSTS, U-CHANNEL POSTING SHALL BE
REPLACED WITH SQUARE TUBING. U-CHANNEL
POSTS SHALL ONLY BE USED FOR OBJECT
MARKERS AND DELINEATORS.

POST TYPE	POST SIZE	MAX. CLEAR HEIGHT (FT.)	MAX. SIGN AREA (SQ. FT.)
SQUARE TUBING	2"x2" (12 GA.)	11	13
SQUARE TUBING	2"x2" (12 GA.)	9	15
SQUARE TUBING	2"x2" (12 GA.)	8	16

- GENERAL NOTES:
1. STEEL POSTS, BASE POSTS, AND SLIP BASERS FOR THE PANEL SIGNS SHALL BE SELECTED FROM THE APPROVED PRODUCT LIST. ALL SIGNS MOUNTED WITHIN THE CLEAR ZONE SHALL BE MOUNTED ON A POST THAT SUPPORTS THE SIGN AND PROVIDES FOR BREAKAWAY BEHIND UNLESS INSTALLATION IS REQUIRED BEHIND A NON-GATING LONGITUDINAL BARRIER.
 2. TOP EDGE OF POSTS SHALL NOT EXTEND PAST TOP EDGE OF SIGN.
 3. ALL SQUARE TUBING SIGN POST REQUIREMENTS ARE BASED ON A 10 OR 12 GAUGE THICKNESS. ASTM SPECIFICATION 50 STEEL, A MINIMUM YIELD STRENGTH OF 80,000 PSI AND 70 MPH WIND LOAD. SEE THE MUTCD FOR FURTHER GUIDANCE.
 4. BASE POST SHALL NOT EXTEND MORE THAN 4" BEHIND THE SIGN. THE SIGN SHALL BE THE SAME WEIGHT/GAUGE AND TYPE AS THE SIGN POST.



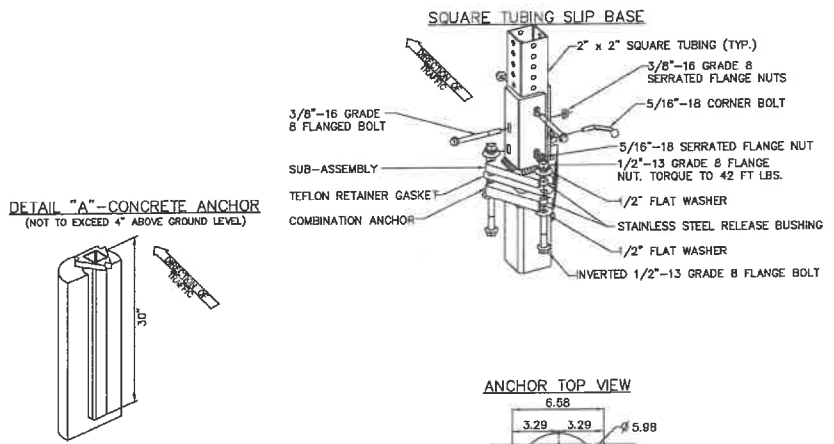
TRIPLE POST INSTALLATION
(TOTAL SIGN AREA NOT TO EXCEED 50 SQ. FT.)



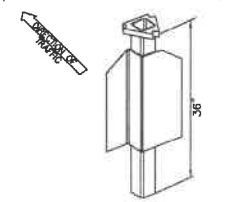
BASE POST INSTALLATION

REVISIONS	CITY OF ALBUQUERQUE
	SIGN SUPPORT INSTALLATION DETAILS
	DWG. 2600-702 NOVEMBER 2019

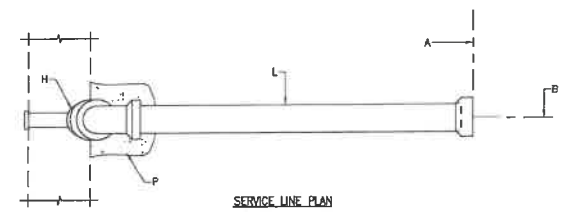
MULTI-DIRECTIONAL SLIP BASE DETAILS



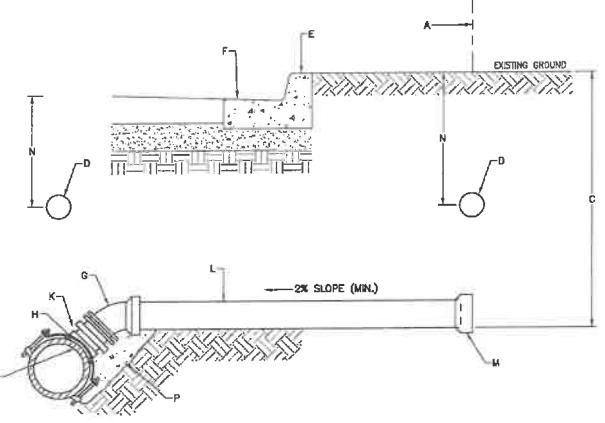
DETAIL "B"—SOIL ANCHOR
(NOT TO EXCEED 4" ABOVE GROUND LEVEL)



REVISIONS	CITY OF ALBUQUERQUE
	MULTI-DIRECTIONAL SLIP BASE POST DETAILS
	DWG. 2500-703 NOVEMBER 2019



SERVICE LINE PLAN



CROSS SECTION

- ### GENERAL NOTES
1. ALL SERVICE LINES SHALL CONFORM TO THE PLUMBING CODE OF THE CITY OF ALBUQUERQUE.
 2. THE SANITARY SEWER SERVICE LATERAL IS CONSIDERED "PRIVATE" FROM THE MAIN LINE, INCLUDING THE SERVICE TEE TO THE PROPERTY LINE AND BEYOND. ALL MAINTENANCE AND/OR REPLACEMENT IS THE RESPONSIBILITY OF THE PROPERTY OWNER FOR WHICH IT IS PROVIDING THE SERVICE.

- ## CONSTRUCTION NOTES
- A. RIGHT-OF-WAY LINE.
 - B. CENTER LINE OF SERVICE LINE.
 - C. MINIMUM OF 4" TO 6" FROM INVERT TO TOP OF CURB AT RIGHT-OF-WAY LINE. MINIMUM GRAD WILL EXCEED ON 1% GRADE. MINIMUM SERVICE LINE, MINIMUM SERVICE LINE SLOPE, THE DEPTH OF THE LOT BEING SERVED.
 - D. LOCATION OF THE HOUSE ON THE LOT, AND THE GRADE OF THE LOT.
 - E. ELECTRIC METER BOX (E.M.B.) SEE STANDARD SPECIFICATION SECTION 170.
 - F. STAKE OUT OF 1/4" SECTION 170, MINIMUM 1/4" CURB ON LOCATION OF SERVICE LINE.
 - F. CURB & GUTTER.
 - G. 22.5° OR 45° BEND.
 - H. CORE DRILL.
 - I. SERVICE LINE SHALL NOT PROTRUDE INTO SEWER MANH.
 - J. SANITARY SEWER TAPPING TIE PER WATER AUTHORITY APPROVED PRODUCTS LIST. DO NOT OVER TIGHTEN SADDLE BOLTS WHICH WOULD PREVENT FREE PASSAGE OF REQUIRED WASTE.
 - K. SERVICE LINE.
 - L. PLUG OR CAP UNTIL LATER IS PLACED IN SERVICE.
 - M. DEPTH PLACEMENT PER MANUFACTURER'S RECOMMENDATIONS.
 - N. MINIMUM LINER SERVICE WITH MINIMUM 1 CURB FOOT OF CONCRETE.

REVISIONS	WATER AUTHORITY
	SANITARY SEWER SERVICE LINE DETAILS
	DWG. 2125 JAN. 201



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CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT
ENGINEERING DIVISION



CIVIL DETAILS

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	ZONE MAP NO. NR-SU
		CITY PROJECT NO. 000000
		SHEET NO. C-905

**TRAFFIC CIRCULATION LAYOUT
APPROVED**

Signed

Date _____

