

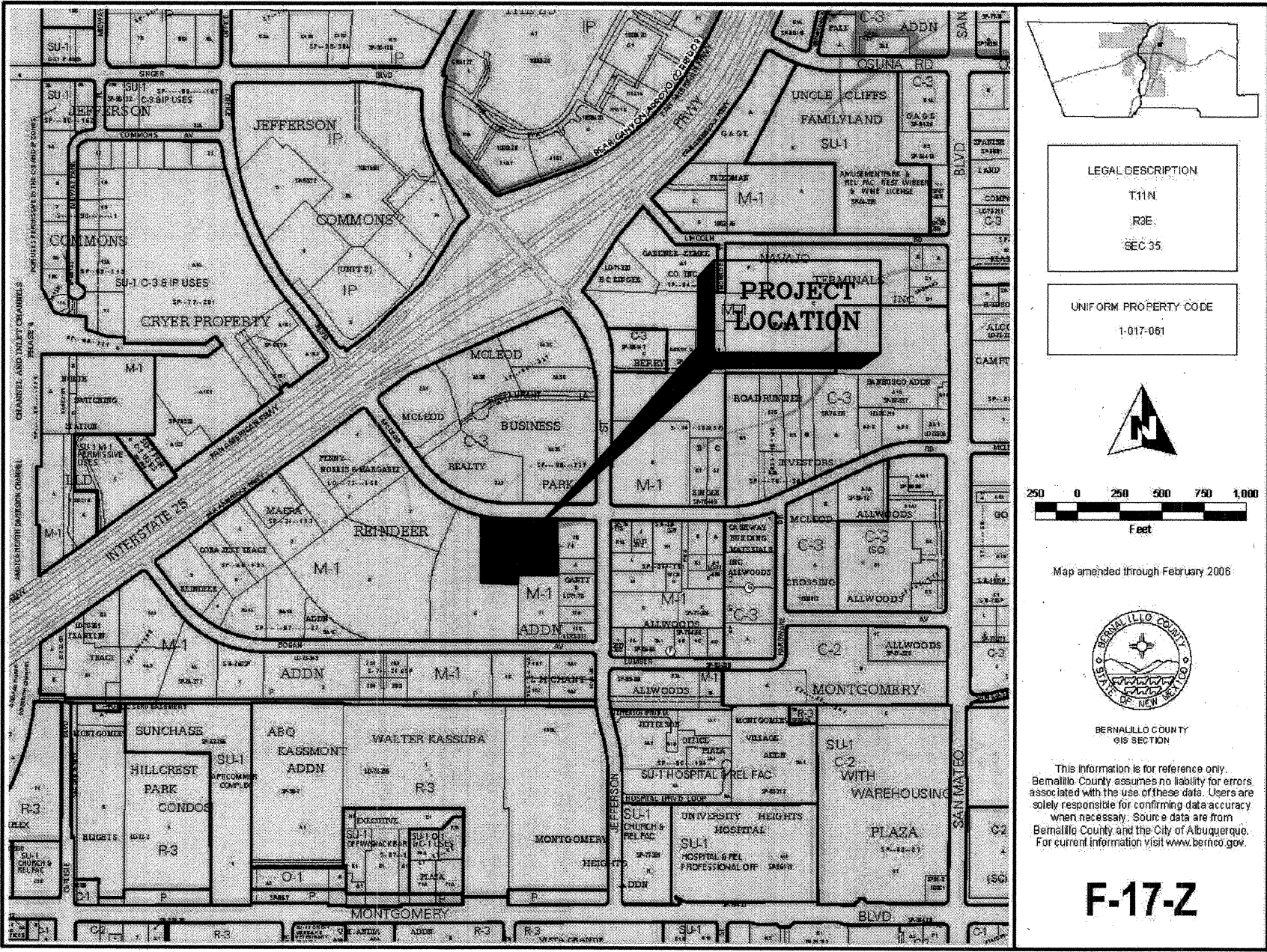
CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT

CONSTRUCTION PLANS FOR
FIRE HYDRANT INSTALLATION
FOR 4420 McLEOD RD. NE

ALBUQUERQUE, NEW MEXICO
NOVEMBER 30, 2010

DRAWING INDEX

SHEET No.	SHEET TITLE
1	COVER SHEET, APPROVALS, AND VICINITY MAP
2	SITE PLANS AND SHUTOFF PLAN
3	MISCELLANEOUS DETAILS



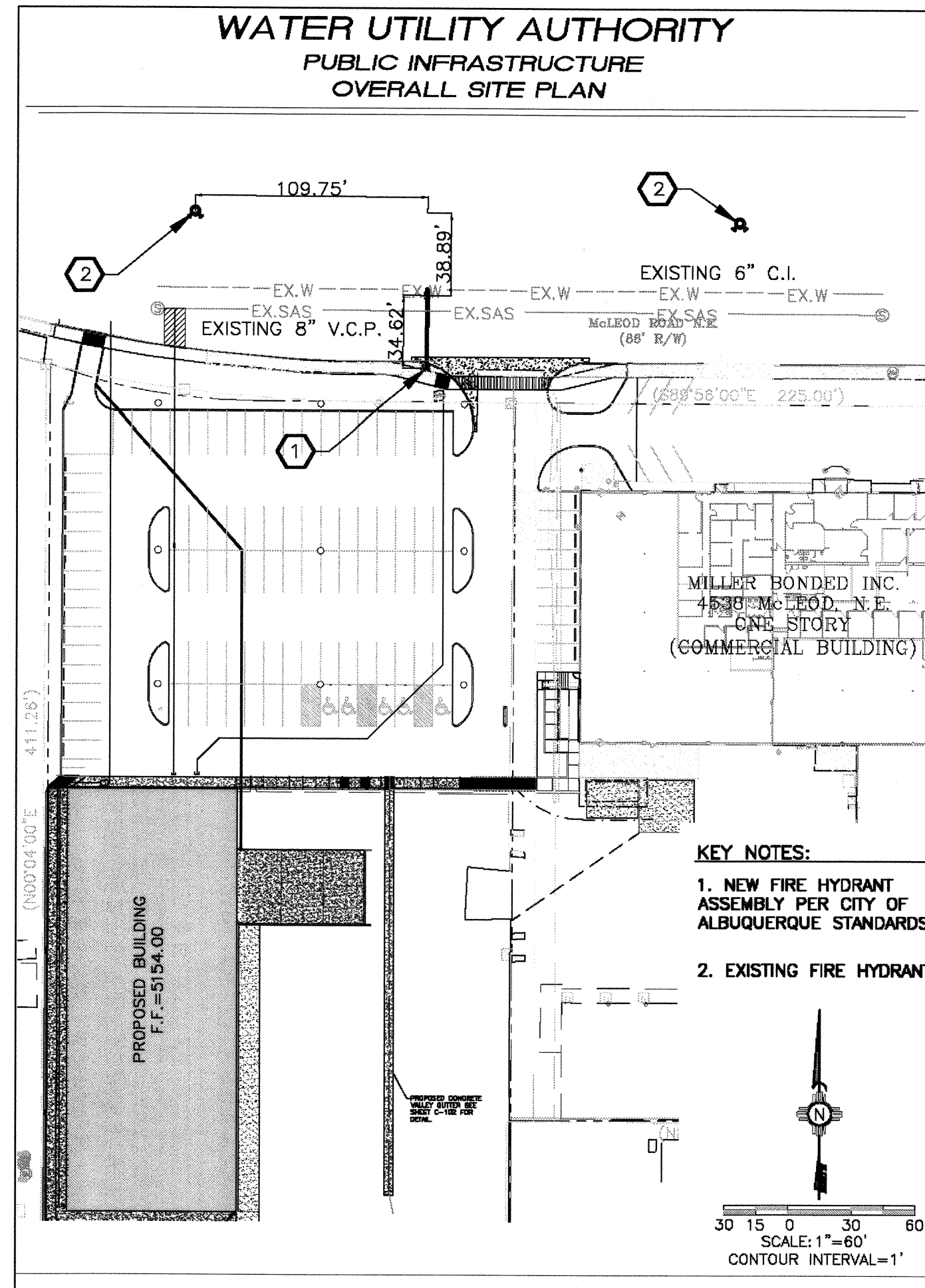
VICINITY MAP

- 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 ENGINEER.
 - ☐ SIDEWALK AND WHEELCHAIR RAMPS WITHIN THE CURB RETURNS SHALL BE CONSTRUCTED WHEREVER A NEW CURB RETURN IS CONSTRUCTED.
 - ☐ ALL STORM DRAINAGE FACILITIES SHALL BE COMPLETED PRIOR TO FINAL ACCEPTANCE.

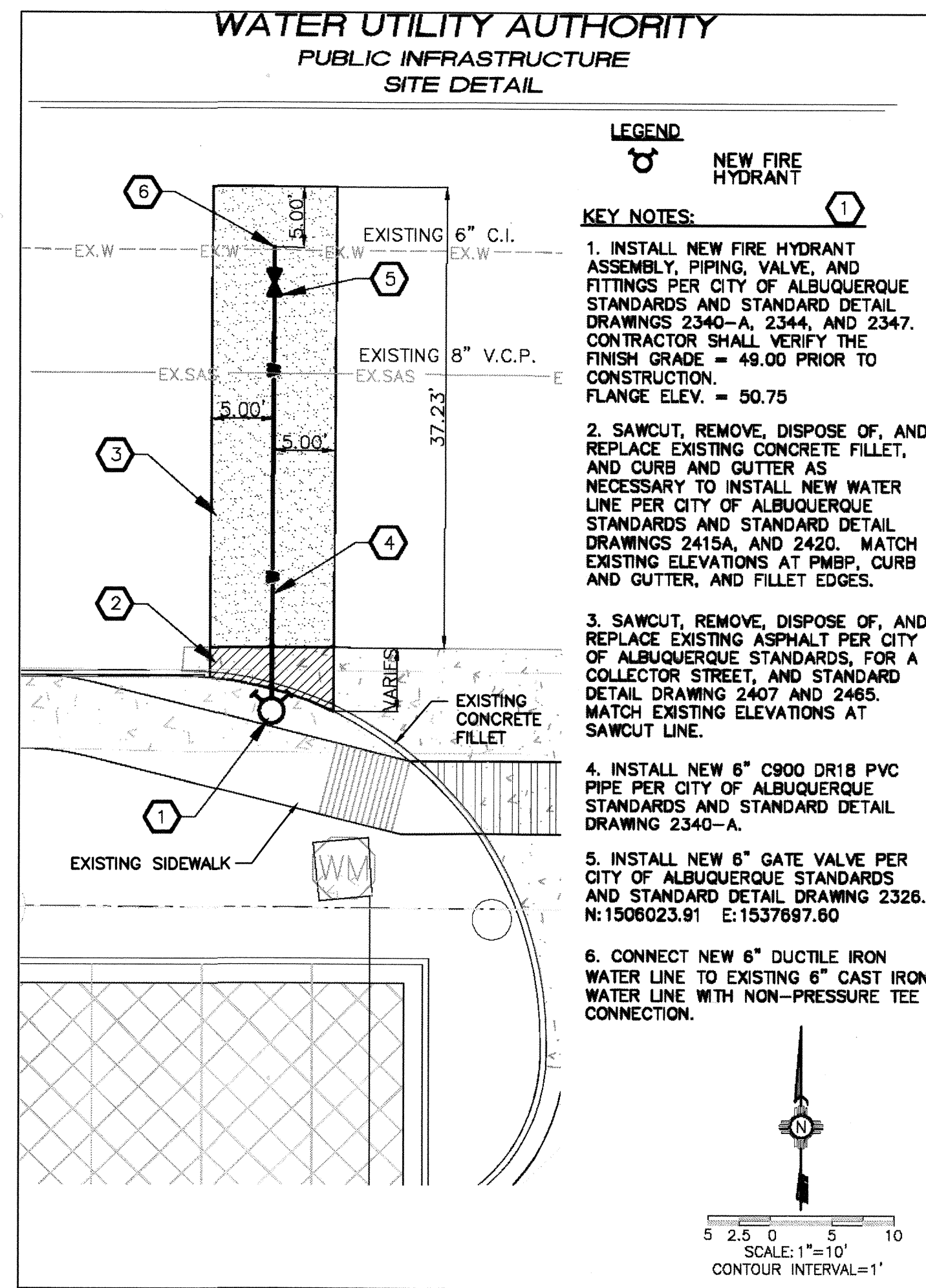
DRC PROJECT NO. 639463

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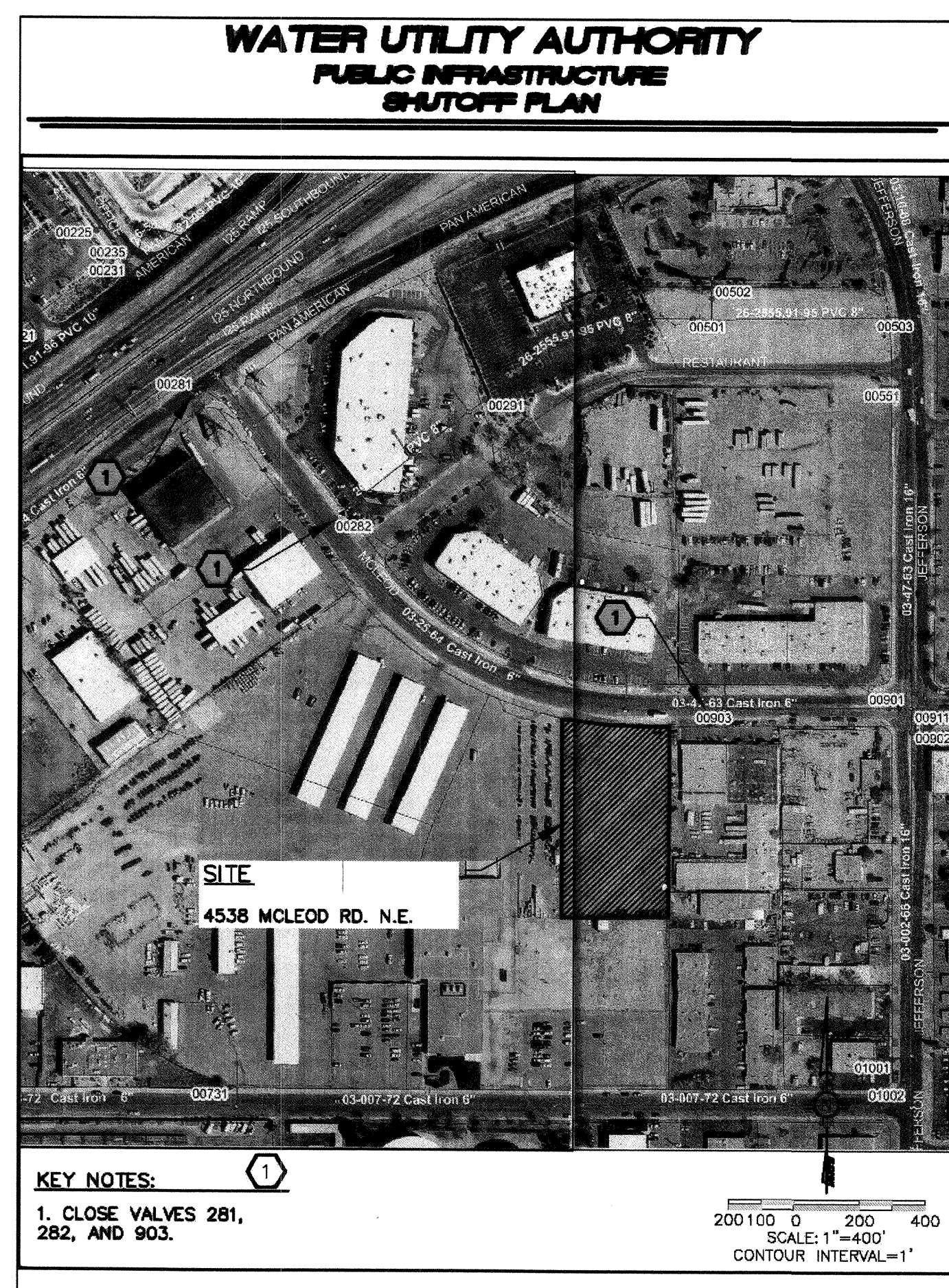
REV.	SHEETS	CITY ENGINEER	DATE	USER DEPARTMENT	DATE	USER DEPARTMENT	DATE
		ENGINEER'S SEAL	APPROVALS	ENGINEER	DATE	*****	
			DRC CHAIRMAN	<i>[Signature]</i>	12-2-10	APPROVED FOR CONSTRUCTION	
			TRANSPORTATION	<i>[Signature]</i>	12-1-10		
			WATER/WASTEWATER	<i>[Signature]</i>	12-1-10		
			HYDROLOGY	<i>[Signature]</i>	12-1-10		
			CIP				
			CONST. MGMT.				
			CONST. COORD.				
			AMAFCA				
			PARKS				
			CITY PROJECT NO. 639463				
						ENGINEER	DATE
						SHEET 1	OF 3



OVERALL SITE PLAN



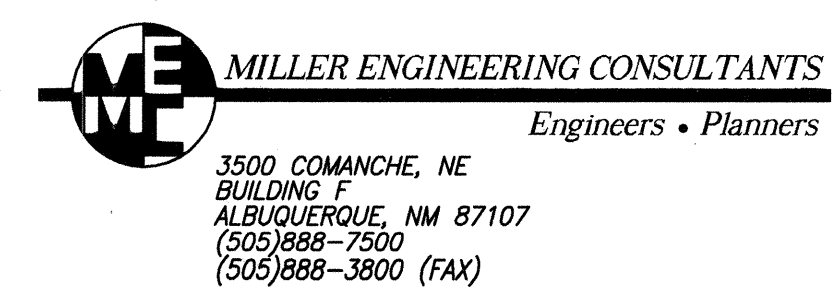
SITE DETAIL



SHUTOFF PLAN

GENERAL NOTES

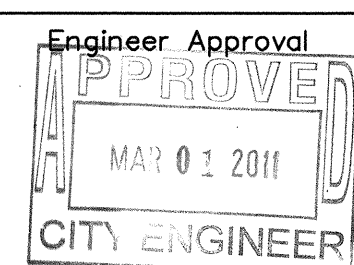
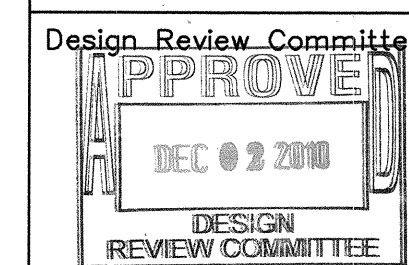
1. AN EXCAVATION/CONSTRUCTION PERMIT WILL BE REQUIRED BEFORE BEGINNING ANY WORK WITHIN THE CITY RIGHT-OF-WAY
2. ALL WORK DETAILED ON THESE PLANS TO BE PERFORMED UNDER CONTRACT SHALL, EXCEPT AS OTHERWISE STATED OR PROVIDED FOR HEREIN, BE CONSTRUCTED IN ACCORDANCE WITH THE CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1986 EDITION AS REVISED THROUGH UPDATE #7, INCLUDING AMENDMENT #1.
3. TWO WORKING DAYS PRIOR TO ANY EXCAVATION, THE CONTRACTOR MUST CONTACT NEW MEXICO ONE CALL SYSTEM (811) FOR LOCATION OF EXISTING UTILITIES.
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 IMMEDIATELY SO THAT THE CONFLICT CAN BE RESOLVED WITH A MINIMUM AMOUNT OF DELAY.
5. SEVEN (7) 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 THE START OF CONSTRUCTION, THE CONTRACTOR SHALL OBTAIN A BARRICADING PERMIT FROM THE CONSTRUCTION COORDINATION DIVISION. CONTRACTOR SHALL NOTIFY THE CONSTRUCTION COORDINATION ENGINEER (924-3400) PRIOR TO OCCUPYING AN INTERSECTION. REFER TO SECTION 19 OF THE GENERAL CONDITIONS OF THE STANDARD SPECIFICATIONS.
6. ALL WORK AFFECTING ARTERIAL ROADWAYS REQUIRES TWENTY-FOUR HOUR CONSTRUCTION.
7. ALL STREET STRIPING ALTERED OR DESTROYED SHALL BE REPLACED WITH PLASTIC REFLECTORIZED PAVEMENT MARKING BY CONTRACTOR TO THE SAME LOCATION AS WAS EXISTING, OR AS INDICATED BY THIS PLAN SET.
8. CONTRACTOR SHALL NOTIFY THE ENGINEER NOT LESS THAN SEVEN (7) DAYS PRIOR TO STARTING WORK IN ORDER THAT THE CITY SURVEYOR MAY TAKE NECESSARY MEASURES TO INSURE THE PRESERVATION OF SURVEY MONUMENTS. CONTRACTOR SHALL NOT DISTURB PERMANENT SURVEY MONUMENTS WITHOUT THE CONSENT OF THE CITY SURVEYOR AND SHALL NOTIFY THE CITY SURVEYOR 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 TO COVER THE NEW GRADE UNLESS OTHERWISE SPECIFIED. REFER TO SECTION 4.4 OF THE GENERAL CONDITIONS OF THE STANDARD SPECIFICATIONS.
9. CONTRACTOR SHALL RECORD DATA ON ALL UTILITY LINES AND ACCESSORIES AS REQUIRED BY THE CITY OF ALBUQUERQUE FOR THE PREPARATION OF "AS CONSTRUCTED" DRAWINGS. CONTRACTOR SHALL NOT COVER UTILITY LINES AND ACCESSORIES UNTIL ALL DATA HAVE BEEN RECORDED.
10. CONTRACTOR SHALL MAINTAIN A GRAFFITI-FREE WORK SITE. CONTRACTOR SHALL PROMPTLY REMOVE ANY GRAFFITI FROM ALL EQUIPMENT, WHETHER PERMANENT OR TEMPORARY.
11. CONTRACTOR SHALL COORDINATE WITH ABCWUA SEVEN (7) WORKING DAYS IN ADVANCE OF ANY WORK THAT MAY AFFECT EXISTING PUBLIC WATER OR SEWER UTILITIES. EXISTING VALVES TO BE OPERATED BY WATER AUTHORITY PERSONNEL ONLY. CONTRACTOR SHALL CONTACT THE WATER AUTHORITY SEVEN (7) WORKING DAYS PRIOR TO NEEDING VALVES TURNED ON OR OFF.
12. RCP SHALL BE INSTALLED SO THAT THE JOINT GAP AT THE HOME POSITION SHALL CONFORM TO THE APPROVED MANUFACTURER'S RECOMMENDATIONS. MANUFACTURER'S RECOMMENDED JOINT GAP TOLERANCES FOR EACH PIPE SIZE AND TYPE SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PRIOR TO PLACEMENT OF PIPE. RCP JOINTS SHALL NOT BE GROUTED UNLESS DIRECTED BY THE ENGINEER AFTER CITY APPROVAL.
13. ALL EXCAVATION, TRENCHING AND SHORING ACTIVITIES MUST BE CARRIED-OUT IN ACCORDANCE WITH OSHA 29 CFR 1926.650, SUBPART P.
14. ELECTRONIC MARKER SPHERES (EMS) WILL BE PLACED ACCORDING TO SECTION 170 OF THE CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, CURRENT EDITION.
15. CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING AND MAINTAINING ALL CONSTRUCTION SIGNING UNTIL THE PROJECT HAS BEEN ACCEPTED BY THE CITY OF ALBUQUERQUE.
16. CONTRACTOR SHALL ASSUME RESPONSIBILITY FOR ANY DAMAGE TO EXISTING PAVEMENT, PAVEMENT MARKINGS, CURB AND GUTTER, HANDICAP RAMPS AND SIDEWALK DURING CONSTRUCTION APART FROM THOSE SECTIONS INDICATED FOR REMOVAL ON THE PLANS AND SHALL REPAIR OR REPLACE, PER CITY OF ALBUQUERQUE STANDARD, AT HIS OWN EXPENSE.
17. AN SO-19 PERMIT IS REQUIRED TO PLACE ANY MATERIAL ON OR AROUND A STORM DRAIN INLET IN THE CITY RIGHT-OF-WAY THAT WOULD INTERFERE WITH THE INLET RECEIVING STORM WATER PER THE ENGINEER'S DESIGN. CITY PERSONNEL MAY REMOVE THIS MATERIAL AT ANY TIME WITHOUT NOTICE. THE PREFERRED BMP IS TO REMOVE SEDIMENT/POLLUTANTS ON THE PROPERTY WHERE CONSTRUCTION ACTIVITY IS OCCURRING.
18. ALL STORM DRAINAGE FACILITIES SHALL BE COMPLETED PRIOR TO FINAL ACCEPTANCE.



**CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT
ENGINEERING DIVISION**

**TITLE: MILLER BONDED INCORPORATED
FIRE HYDRANT INSTALLATION**


SITE PLANS AND SHUTOFF PLAN

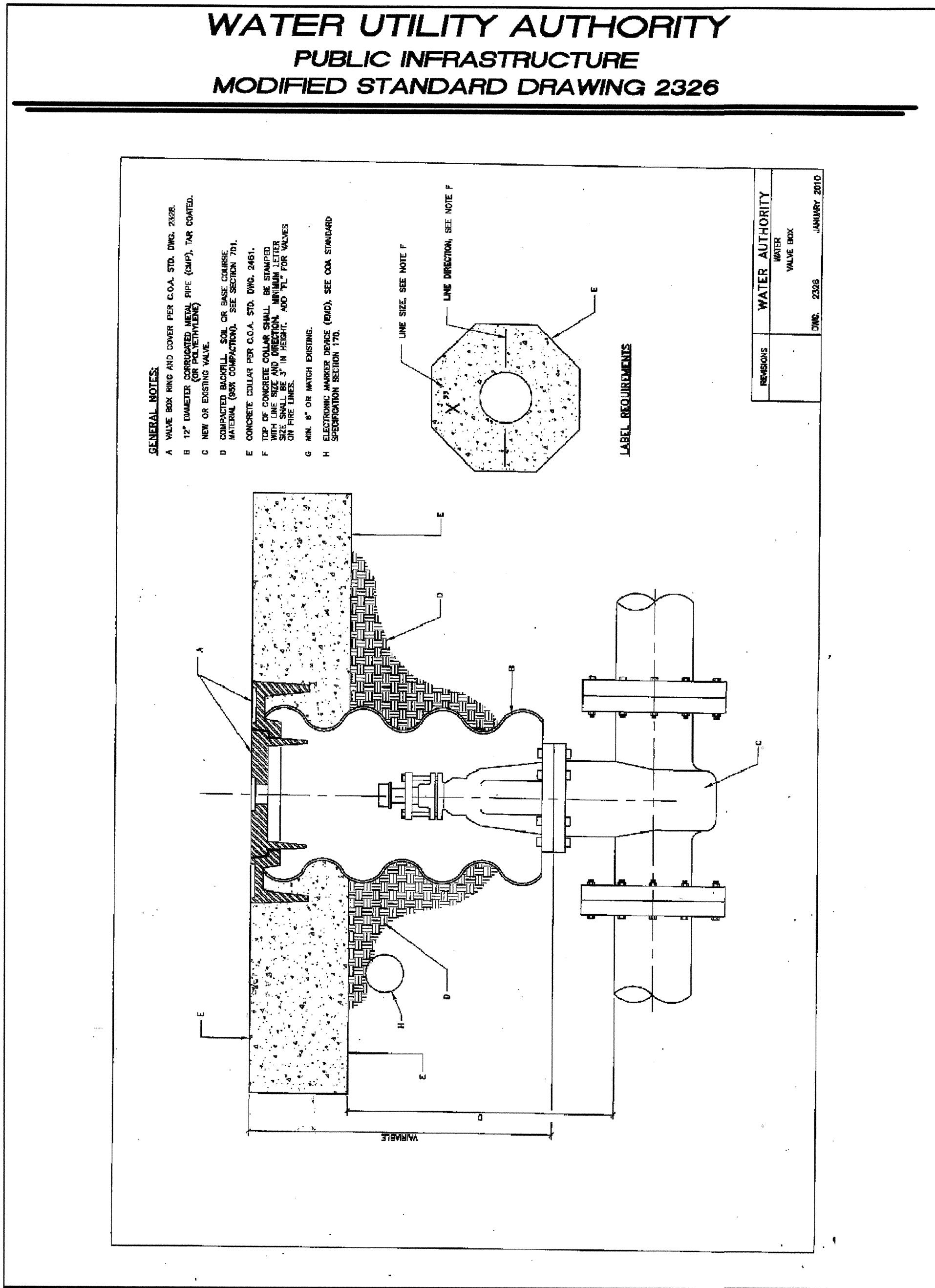


Lost Design Update

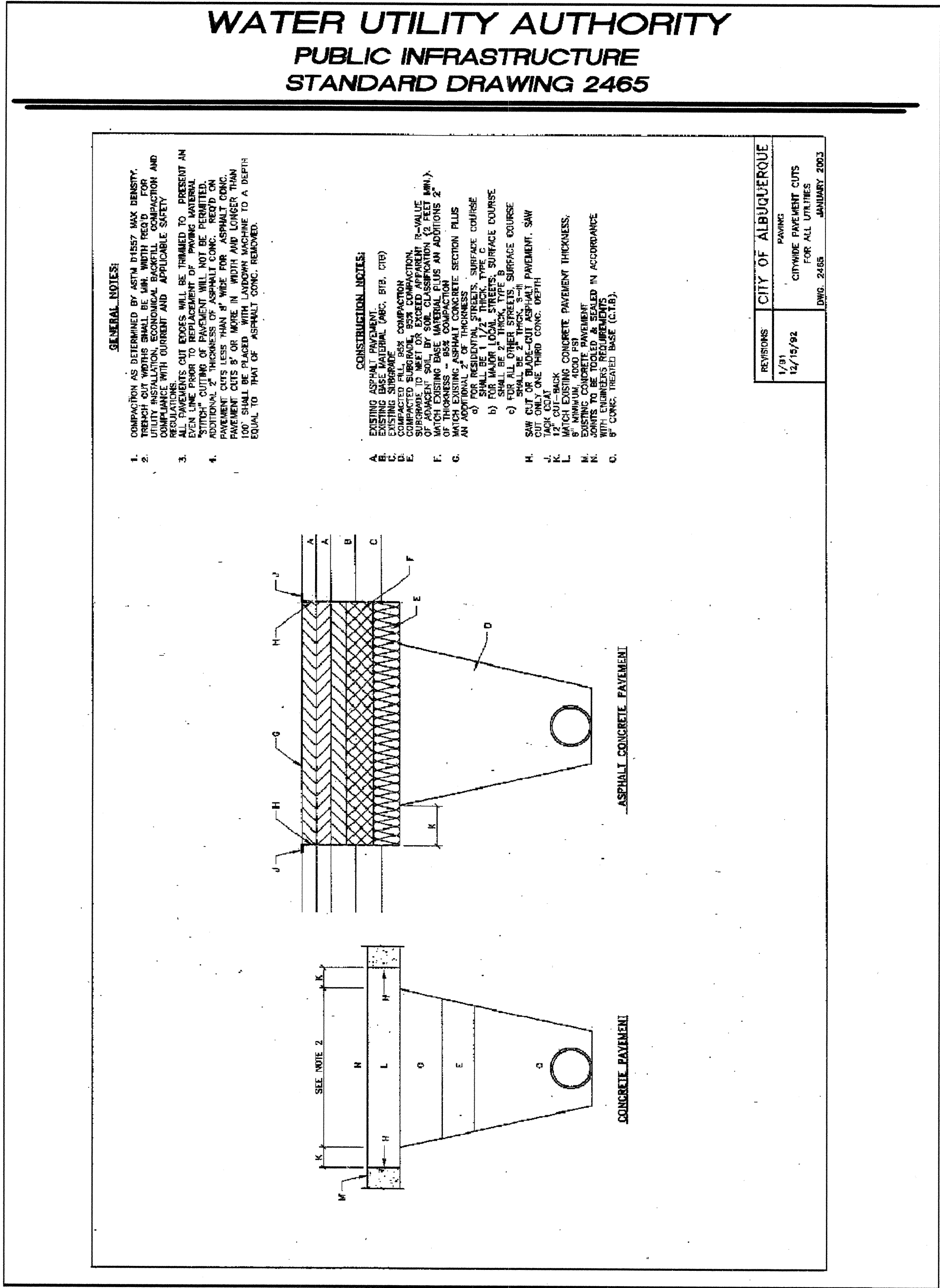
Mo./Day/Yr.	Mo./Day/Yr.

City Project No.	Zone Map No.	Sheet	Of
639463	F-17-Z	2	3

ENGINEER'S SEAL			SURVEY INFORMATION		BENCH MARKS		AS BUILT INFORMATION	
			TEMPORARY PROJECT BENCHMARK		PROJECT BENCHMARK IS A NMHC		CONTRACTOR	
			IS A TERRA LAND SURVEY 5/8"		BRASS CAP STAMPED "NMHC 1-25-18"		WORK	
			REBAR WITH AN ALUMINUM CAP		SET ON TOP OF CONCRETE POST 0.3		STAMPED BY	
			STAMPED "CP 110"		FEET ABOVE GROUND BEING 0.6 MILES		DATE	
			ELEVATION = 5148.88 FEET		NORTH OF MONTGOMERY BLVD. ALONG		DATE	
			THE 1-25 EAST FRONTAGE RD. NEAR		MICRO-FILM INFORMATION			
			(NAND 1988 VERTICAL DATUM)		4900 PAN AMERICAN FREEWAY N.E.		RECORDED BY	
							DATE	
							NO.	
DESIGNED BY			JAL	DATE	NOVEMBER 2010			
DRAWN BY			JAL	DATE	NOVEMBER 2010			
CHECKED BY			VAM	DATE	NOVEMBER 2010			



MODIFIED STANDARD DRAWING 2326



STANDARD DRAWING 2465

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CITY OF ALBUQUERQUE DEPARTMENT OF MUNICIPAL DEVELOPMENT ENGINEERING DIVISION	
TITLE: MILLER BONDED INCORPORATED FIRE HYDRANT INSTALLATION	
MISCELLANEOUS DETAILS	
Design Review Committee APPROVE DEC 02 2010 DESIGN REVIEW COMMITTEE	Engineer Approval APPROVE MAR 01 2011 CITY ENGINEER
City Project No. 639463	Zone Map No. F-17-Z
Sheet 3	Of 3

ENGINEER'S SEAL		SURVEY INFORMATION		BENCH MARKS		AS BUILT INFORMATION	
		TEMPORARY BENCH MARK	PROJECT BENCHMARK IS A NMSHC	CONTRACTOR	DATE	CONTRACTOR	DATE
		TEMPORARY PROJECT BENCHMARK	BRASS CAP STAMPED "NMSHC 1-25-18"	STARTED BY	DATE	STARTED BY	DATE
		IS A TERRA LAND SURVEY 5/8"	SET ON TOP OF CONCRETE POST 0.3	ACCEPTANCE BY	DATE	ACCEPTANCE BY	DATE
		REBAR WITH AN ALUMINUM CAP	FEET ABOVE GROUND BEING 0.6 MILES	FIELD DRAWING BY	DATE	FIELD DRAWING BY	DATE
REVISIONS		STAMPED "CP 110"	NORTH OF MONTGOMERY BLVD. ALONG	DRAWING BY	DATE	DRAWING BY	DATE
		ELEVATION = 5148.88 FEET	THE 1-25 EAST FRONTAGE RD. NEAR	CORRECTED BY	DATE	CORRECTED BY	DATE
		(NAVD 1988 VERTICAL DATUM)	4900 PAN AMERICAN FREEWAY N.E.	RECORDED BY	DATE	RECORDED BY	DATE
				NO.		NO.	