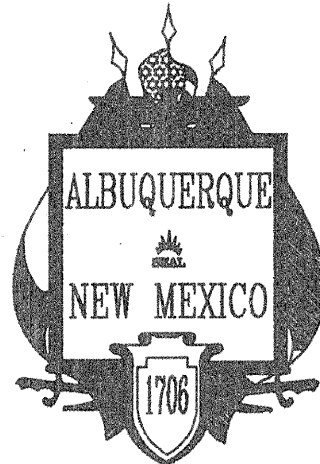
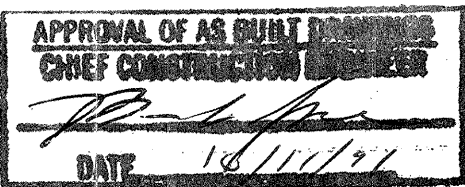


CITY OF ALBUQUERQUE
NEW MEXICO
PARKS AND RECREATION DEPARTMENT
MARIPOSA BASIN
REGIONAL ATHLETIC COMPLEX
UTILITY DAM PENETRATION



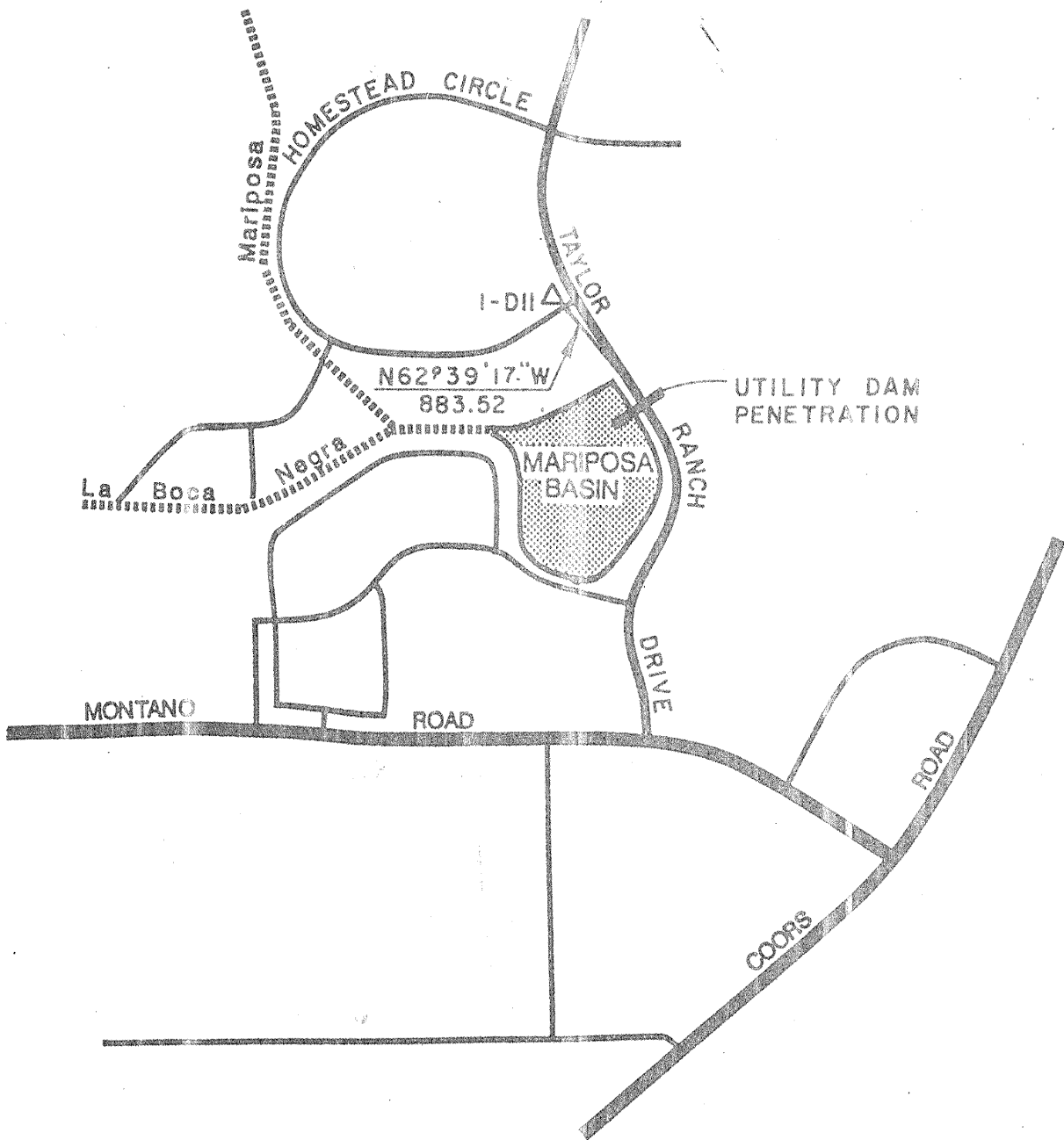
GENERAL NOTES

- ALL WORK DETAILED ON THESE PLANS, EXCEPT AS OTHERWISE STATED OR PROVIDED HEREON, SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION - 1986 EDITION.
- TWO (2) WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT ONE CALL SYSTEM, INC., 260-1990, FOR LOCATION OF EXISTING UTILITIES. CONTRACTOR SHALL COORDINATE ALL UTILITY WORK INCLUDING CUT OFF OF EXISTING UTILITIES FOR NEW CONNECTIONS (FIRE PROTECTION, DOMESTIC WATER, SEWER, STORM DRAIN, GAS PIPING, ETC.) WITH ENGINEER, OWNER, AND LOCAL UTILITY REPRESENTATIVES.
- THESE DRAWINGS REFLECT INFORMATION ON UTILITIES GATHERED BY SITE INSPECTION, DISCUSSIONS WITH MUNICIPAL OFFICIALS, AND PREVIOUS CONSTRUCTION DRAWINGS. IT IS POSSIBLE THAT THE EXACT LOCATION OF LINES AND UTILITY CONNECTION POINTS IN THE VICINITY OF THE REQUIRED WORK MAY BE DIFFERENT FROM THE LOCATION SHOWN ON THIS DRAWING. 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 A MINIMUM AMOUNT OF DELAY.
- ALL GAS, ELECTRIC, TELEPHONE LINES, CABLES, AND APPURTENANCES ENCOUNTERED DURING CONSTRUCTION THAT REQUIRE RELOCATION SHALL BE RELOCATED BY THE RESPECTIVE UTILITY. CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATION OF ALL NECESSARY UTILITY ADJUSTMENTS. IT WILL BE THE CONTRACTOR'S RESPONSIBILITY TO PROTECT AND MAINTAIN IN SERVICE ALL EXISTING UTILITIES.
- ALL WORK ON THIS PROJECT SHALL BE PERFORMED IN ACCORDANCE WITH APPLICABLE FEDERAL, STATE, AND LOCAL LAWS, RULES, AND REGULATIONS CONCERNING CONSTRUCTION SAFETY AND HEALTH. THESE DRAWINGS DO NOT INCLUDE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY WHICH SHALL REMAIN THE CONTRACTOR'S RESPONSIBILITY.
- ALL EXCAVATION/CONSTRUCTION PERMITS WILL BE REQUIRED BEFORE BEGINNING ANY WORK WITHIN THE CITY RIGHT-OF-WAY. AN APPROVED COPY OF THESE PLANS MUST BE SUBMITTED AT THE TIME OF APPLICATION FOR PERMITS.
- THE CONTRACTOR SHALL EXERCISE REASONABLE CARE DURING CONSTRUCTION TO PREVENT THE MOVEMENT OF SEDIMENT FROM THE SITE INTO EXISTING STREETS. LOOSE SOIL STOCKPILES DURING CONSTRUCTION ACTIVITIES SHALL BE PROMPTLY CLEANED UP OR PROTECTED FROM BEING CARRIED DOWNSTREAM BY FLOWING WATER.
- DISPOSAL OF ALL WASTE MATERIAL SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AS SPECIFIED IN SECTION 6.14 OF THE GENERAL CONDITIONS IN THE CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION - 1986 EDITION.
- A DISPOSAL SITE FOR ALL EXCESS EXCAVATION MATERIAL, ASPHALTIC PAVING, CONCRETE CURBS AND SIDEWALKS, ETC., SHALL BE OBTAINED BY THE CONTRACTOR IN COMPLIANCE WITH APPLICABLE ENVIRONMENTAL REGULATIONS. ALL COSTS INCURRED IN OBTAINING A DISPOSAL SITE AND HAUL THERETO SHALL BE CONSIDERED INCIDENTAL TO THE PROJECT AND NO SEPARATE MEASUREMENT OR PAYMENT SHALL BE MADE.
- THE CONTRACTOR WILL BE REQUIRED TO CONFINE HIS WORK WITHIN THE CONSTRUCTION LIMITS AND/OR PUBLIC RIGHT-OF-WAY TO PRESERVE EXISTING VEGETATION AND PRIVATE PROPERTY. THE CONTRACTOR SHALL NOT STORE ANY EQUIPMENT OR MATERIAL WITHIN THE RIGHT-OF-WAY UNLESS THE EQUIPMENT OR MATERIAL IS PROPERLY SHIELDED UTILIZING CURRENT SAFETY DESIGN AND INSTALLATION METHODS. THE SAFETY DESIGN FOR THIS SHIELDING SHALL BE PROVIDED BY THE CONTRACTOR AND MUST BE APPROVED BY THE ENGINEER BEFORE IMPLEMENTING. THERE WILL BE NO DIRECT MEASUREMENT OR PAYMENT FOR THE DESIGN, MATERIALS, INSTALLATION, AND REMOVAL OF THE SAFETY BARRIER.
- CONTRACTOR SHALL MAINTAIN ACCESS TO ADJACENT PROPERTIES DURING CONSTRUCTION. REFER TO SECTION 19 OF THE SPECIFICATIONS.
- WHEN ABUTTING NEW PAVEMENT TO EXISTING, SAWCUT EXISTING PAVEMENT TO A STRAIGHT EDGE AND AT A RIGHT ANGLE, OR AS APPROVED BY THE PROJECT ENGINEER, TO REMOVE ANY BROKEN OR CRACKED PAVEMENT. ALL SAWCUT PAVEMENT SHALL BE SPRAYED WITH TACK COAT PRIOR TO INSTALLATION OF ADJOINING ASPHALT PAVEMENT.
- TWO (2) WORKING DAYS PRIOR TO COMMENCING CONSTRUCTION, THE CONTRACTOR SHALL OBTAIN A BARRICADING PERMIT FROM THE TRAFFIC ENGINEERING DIVISION. CONTRACTOR SHALL NOTIFY BARRICADE ENGINEER (766-2551) PRIOR TO OCCUPYING AN INTERSECTION. REFER TO SECTION 19 OF THE SPECIFICATIONS.
- THIS DOCUMENT, AND THE IDEAS AND DESIGNS INCORPORATED HEREIN, ARE INTENDED FOR USE ON THIS PROJECT AND IS NOT TO BE USED, IN WHOLE OR IN PART, FOR ANY OTHER PROJECT WITHOUT THE WRITTEN AUTHORIZATION OF EASTERLING & ASSOCIATES, INC. IN THE EVENT OF UNAUTHORIZED USE, THE USER ASSUMES ALL RESPONSIBILITY AND LIABILITY WHICH RESULTS.
- REMOVAL OF EXISTING CURB AND GUTTER, SIDEWALK, OR RUNDOWN SHALL BE TO THE NEAREST JOINT OR SAW CUT.
- ALL CONCRETE SHALL BE 4000 PSI 28 DAY STRENGTH IN ACCORDANCE WITH PROJECT SPECIFICATIONS UNLESS OTHERWISE NOTED.
- FIVE (5) WORKING DAYS PRIOR TO CONSTRUCTION IN THE VICINITY OF THE EXISTING BURIED ELECTRIC CABLES, THE CONTRACTOR SHALL CONTACT JIM VANN ENGINEERING SUPERVISOR WITH PNM AT 848-3426 TO DE-ENERGIZE THE LINES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTION AND SUPPORT OF THE CABLES IN ACCORDANCE WITH PNM REQUIREMENTS DURING CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO THE CABLE AS A RESULT OF CONSTRUCTION.
- THE CONTRACTOR SHALL HAVE THE C.O.A. INSTALL THE 4" METER PRIOR TO CONSTRUCTING THE REMAINING DOWNSTREAM PORTION OF THE LINE OR THE METER VAULT.
- THE CONTRACTOR SHALL PROVIDE THRUST RESTRAINT FOR ALL PIPE JOINTS, BENDS, TEES, AND FITTINGS PER SECTION 801 OF THE CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1986 EDITION.
- THE DAM BREACH PORTIONS OF THE PROJECT MUST BE COMPLETED BETWEEN OCTOBER 15 AND MAY 15. NO COMPROMISE OF THE EMBANKMENT AND DAM CAPACITY WILL BE ALLOWED DURING THE FLOOD SEASON.
- BREACHING OF THE DAM SHOULD NOT BEGIN IF THERE IS A NATIONAL WEATHER SERVICE FORECAST FOR MEASURABLE PRECIPITATION DURING THE PERIOD WHEN THE DAM WILL BE BREACHED.
- EMERGENCY CONSTRUCTION EQUIPMENT MUST BE AVAILABLE AT THE CONSTRUCTION SITE AT ALL TIMES TO REPAIR OR REPLACE ANY EMBANKMENT EXCAVATED SHOULD A STORM THREATEN DAM SAFETY. THE POWER TO ENFORCE EMERGENCY EMBANKMENT REPLACEMENT MUST BE GRANTED TO THE DAM OWNER (THE CITY OF ALBUQUERQUE) AND THE NEW MEXICO STATE ENGINEER.
- THE CITY OF ALBUQUERQUE, AMAFCA, AND THE NEW MEXICO STATE ENGINEER MUST BE NOTIFIED OF THE DATE AND TIME FOR MAXIMUM BREACH EXCAVATION AT LEAST 72 HOURS ADVANCE NOTICE MUST BE PROVIDED.



1 2 3 4 5 6 7 8 9 10 11 12 13 14
26 4000.91 91/01/91

VICINITY MAP
ZONE ATLAS MAP NO. D-11/E-II



SHEET INDEX

- SHEET 1 OF 3 TITLE
SHEET 2 OF 3 UTILITY DAM PENETRATION PLAN & PROFILE
SHEET 3 OF 3 UTILITY DAM PENETRATION DETAILS

REV.	SHEETS	CITY ENGINEER	DATE	USER DEPARTMENT	DATE	USER DEPARTMENT	DATE
APPROVAL OF REVISIONS							

	EASTERLING & ASSOCIATES, INC. CONSULTING ENGINEERS 5643 PARADISE BLVD. N.W. ALBUQ., N.M., 87114 OFFICE (505) 898-8021 FAX (505) 898-8501	APPROVED FOR CONSTRUCTION CITY ENGINEER 4-8-91 DATE
	PROJECT NUMBER 4000.91	SHEET 1 OF 3

ENGINEERS SEAL		AS BUILT INFORMATION		BENCH MARKS	
		SURVEY INFORMATION			
		FIELD NOTES			
		NO.	BY	DATE	
		1	GEOSURVEY INC.	12/7/90	
REMARKS		CONTRACTOR		J. R. HALE	
DESIGN		WORK STARTED BY		CITY	
DESIGNED BY DSH		DATE		1-91	
DRAWN BY BRG		DATE		1-91	
CHECKED BY DSH / BRG		DATE		1-91	
REVISIONS		FIELD NO.		INSTRUMENT	
		NO.		DATE	
		BY		DATE	
		CORRECTED BY		DATE	
		MICRO-FILM INFORMATION		RECORDED BY	
				DATE	
				NO.	