ORO REAL STORM DRAIN

PUBLIC WORKS DEPARTMENT CITY OF ALBUQUERQUE

STORM DRAINAGE IMPROVEMENTS AND CHANNEL REHABILITATION

MARCH 1991

PREPARED BY:

ISAACSON & ARFMAN, P.A. 128 MONROE STREET N.E. ALBUQUERQUE, N.M. 87108 (505) 268-8828

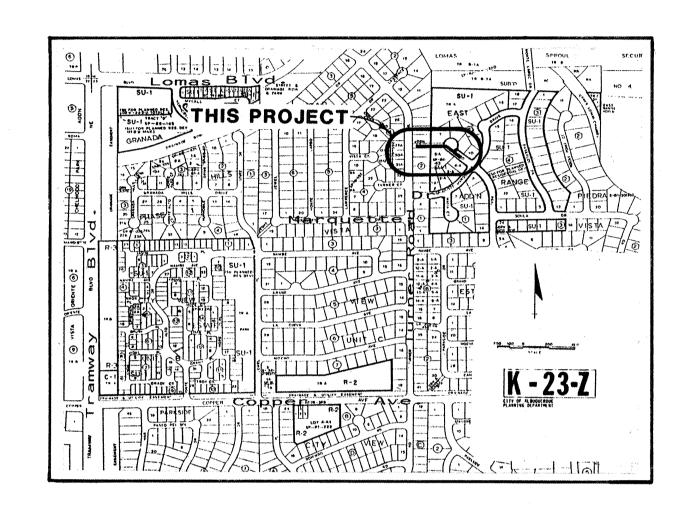
INDEX TO DRAWINGS:

- 1. COVER SHEET W/ GENERAL NOTES
- 2. PLAN & PROFILE
- 3. DETAILS

GENERAL NOTES

- 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.
- 2. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE & 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.
- 3. Two (2) working days prior to any excavation, Contractor must contact Line Locating Service a 260-1990 for Location of existing utilities.
- 4. WATER SYSTEMS SHALL BE CONTACTED @ 857-8200, 2 WEEKS PRIOR TO ANY SHUT-OFFS. ALL SHUT-OFFS SHALL BE AS PER SECTION 18.3 OF THE GENERAL CONDITIONS.
- 5. CONTRACTOR SHALL SUPPORT ALL EXISTING, UNDERGROUND UTILITY LINES AND SERVICES WHICH BECOME EXPOSED DURING CONSTRUCTION. PAYMENT FOR SUPPORTING WORK OR REPLACING AT THE CONTRACTOR'S OPTION SHALL BE INCIDENTAL TO CONSTRUCTION.
- 6. ALL STORM DRAIN STATIONING REFERS TO THE SURVEY CENTER-LINE STATIONING WITH STA. 1+00 AT THE CENTERLINE OF TURNER DRIVE N.E.
- 7. CONTRACTOR SHALL CONDUCT HIS OPERATIONS IN A MANNER WHICH WILL MINIMIZE INTERFERENCE WITH LOCAL TRAFFIC. CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE LAWS, JRDINANCES, RULES, REGULATIONS, AND ORDERS OF ANY PUBLIC BODY HAVING JURISDICTION FOR THE SAFETY OF PERSONS OR PROPERTY, AND TO PROTECT THEM FROM DAMAGE, INJURY, OR LOSS. CONTRACTOR SHALL ERECT AND MAINTAIN, AS REQUIRED BY THE CONDITIONS AND PROGRESS OF THE WORK, ALL NECESSARY SAFEGUARDS FOR SAFETY CONTINUOUSLY AND NOT LIMITED TO NORMAL WORKING HOURS, THROJGHOUT THE DURATION OF THE PROJECT. CONTRACTOR SHALL ADHERE TO SECTION 19 OF THE GENERAL CONDITIONS OF THE CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1986.
- AND COMPLETE RESPONSIBILITY FOR THE JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY; THAT THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS; AND THAT THE CONTRACTOR SHALL DEFEND, INDEMNIFY, AND HOLD HARMLESS THE OWNER & ENGINEER FROM ANY AND ALL LIABILITY REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF THE OWNER OR ENGINEER.
- 9. TRENCH WIDTHS FROM THE BOTTOM OF THE PIPE TO A POINT 12" ABOVE THE PIPE SHALL BE A MINIMUM OF THE PIPE OUTSIDE DIAMETER PLUS 16 INCHES AND A MAXIMUM OF THE PIPE OUTSIDE DIAMETER PLUS 24 INCHES. ALL TRENCHES TO CONFORM TO 0.S.H.A. REQUIREMENTS FOR CLASS "C" SOIL.
- 10. THE BEDDING CLASS FOR STORM DRAIN LINES SHALL BE CLASS B.
- 11. GRADED ACCESS TO RESIDENTS ACROSS CONSTRUCTION ZONE
 SHALL BE MAINTAINED DURING CONSTRUCTION. THE MAXIMUM
 DURATION OF IMPASSE TO ANY RESIDENCE SHALL BE TWO DAYS
- 12. ALL CONCRETE USED FOR EXPOSED SURFACE (CURB & GUTTER, SIDEWALKS, DRIVEPADS, ETC.) SHALL MEET THE REQUIREMENTS OF SECTION 602 OF THE SPECIFICATIONS.

- 13. DEPTHS SHOWN ON PROFILE FOR EXISTING UTILITIES ARE ASSUMED AND ACTUAL DEPTHS MAY VARY SUBSTANTIALLY.
- 14. Two (2) WORKING DAYS PRIOR TO THE COMMENCEMENT OF EACH PHASE OF CONSTRUCTION, CONTRACTOR SHALL OBTAIN A BARRICADING PERMIT FOR THE NEXT PHASE FRO THE CONSTRUCTION COORDINATOR.
- 15. PAVING REPLACEMENT FOR PAVEMENT CUTS FOR UTILITIES AND STORM DRAINS SHALL CONFORM TO STANDARD DRAWING No. 2465 FOR RESIDENTIAL STREETS WITH THE PAVING SECTION CONSISTING OF A $4\frac{1}{2}$ " THICKNESS OF 1500 LB. STABILITY ASPHALTIC CONCRETE BASE COURSE AND A $1\frac{1}{2}$ " THICKNESS OF 1800 LB. ASPHALTIC CONCRETE SURFACE COURSE.
- 16. CONSTRUCTION ACCESS TO ALL WORK ON THE ORO REAL DRAINAGE CHANNEL/STORM DRAIN IS LIMITED TO THE AREAS INSIDE THE EXISTING CHANNEL SIDEWALLS FOR THAT PORTION ADJACENT TO LOTS 5-A AND 7, BLOCK 2, EAST RANGE SUBDIVISION AND LIMITED TO THE 40' DRAINAGE & UTILITY R.O.W. ADJACENT TO LOTS 5 & 6, BLOCK 2, CIUDAD VISTA SUBDIVISION.

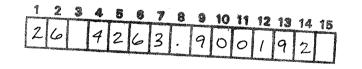


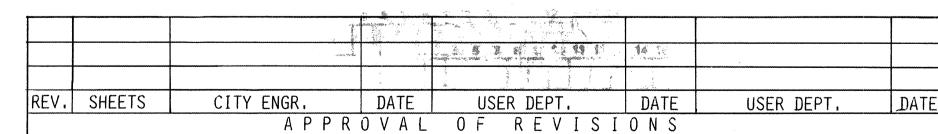
VICINITY MAP

WARNING-EXISTING UTILITY LINE LOCATIONS ARE SHOWN IN AN APPROXIMATE MANNER ONLY, AND SUCH LINES MAY EXIST WHERE NONE ARE SHOWN. THE LOCATION OF ANY SUCH EXISTING LINES IS BASED UPON INFORMATION PROVIDED BY THE UTILITY COMPANY, THE OWNER, OR BY OTHERS, AND THE INFORMATION MAY BE INCOMPLETE OR MAY BE OBSOLETE BY THE TIME CONSTRUCTION COMMENCES.

THE ENGINEER HAS UNDERTAKEN NO FIELD VERIFICATION OF THE LOCATION, DEPTH, SIZE, OR TYPE OF EXISTING UNDERGROUND UTILITY LINES, MAKES NO REPRESENTATION PERTAINING THERETO, AND ASSUMES NO RESPONSIBILITY OR LIABILITY THEREFOR. THE CONTRACTOR SHALL INFORM ITSELF OF THE LOCATION OF ANY UTILITY LINE IN OR NEAR THE AREA OF THE WORK IN ADVANCE OF AND DURING EXCAVATION WORK. THE CONTRACTOR IS FULLY RESPONSIBLE FOR ANY AND ALL DAMAGE CAUSED BY ITS FAILURE TO LOCATE, IDENTIFY, AND PRESERVE ANY AND ALL EXISTING UTILITIES. THE CONTRACTOR SHALL COMPLY WITH STATE STATUTES, MUNICIPAL AND LOCAL ORDINANCES, RULES AND REGULATIONS PERTAINING TO THE LOCATION OF THESE LINES AND FACILITIES, IN PLANNING AND CONDUCTING EXCAVATION, WHETHER BY CALLING OR NOTIFYING THE UTILITIES, COMPLYING WITH "BLUE STAKES" PROCEDURES, OR OTHERWISE.









Isaacson & Arfman, P.A.

CONSULTING ENGINEERING ASSOCIATES

Albuquerque, New Mexico

DRAWING NO. 4263.90 S-3-9/ SHEET 1 OF 3

APPROVED FOR CONSTRUCTION

