

## CITY OF ALBUQUERQUE, NEW MEXICO PUBLIC WORKS DEPARTMENT

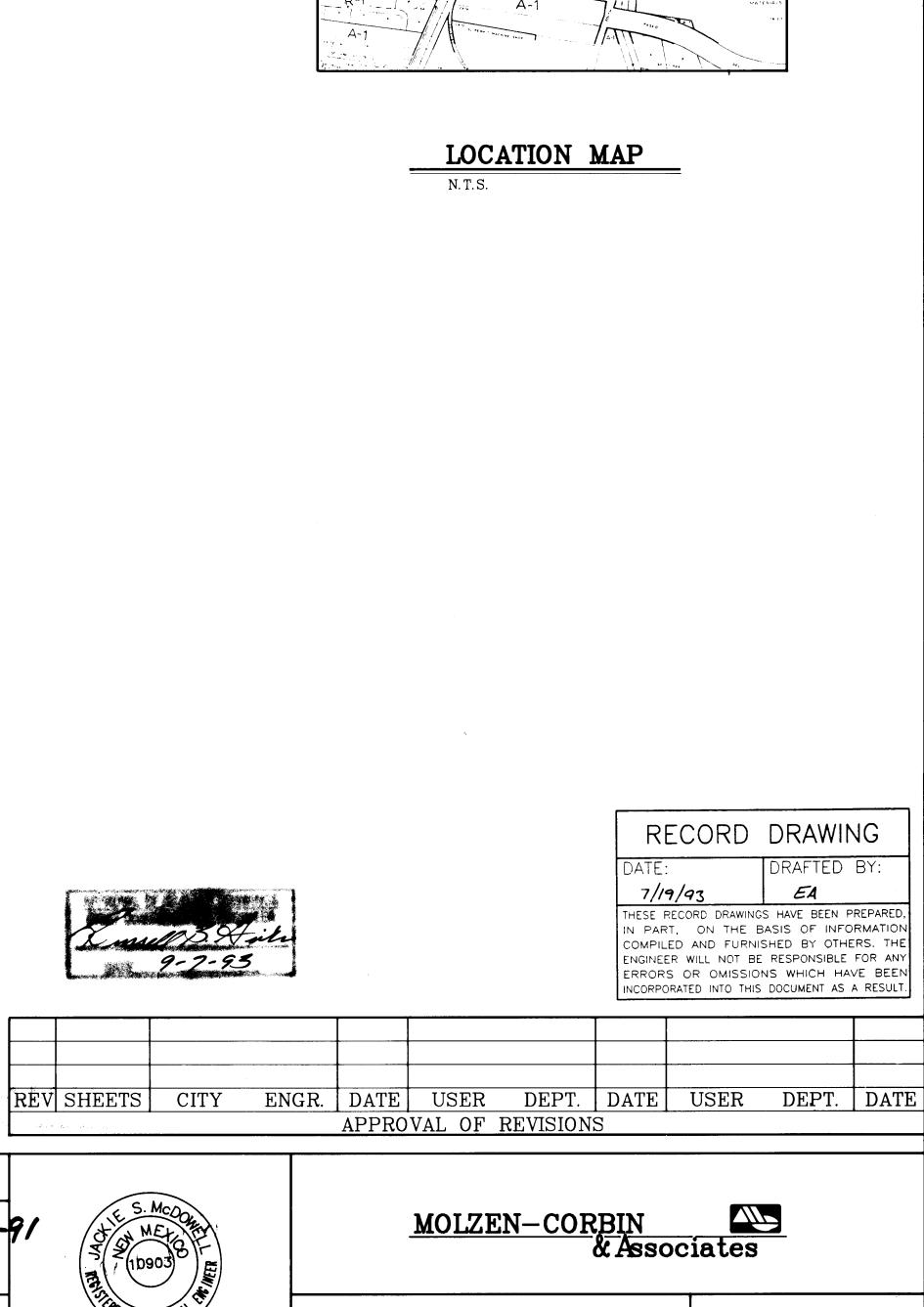
PLANS FOR CONSTRUCTION OF

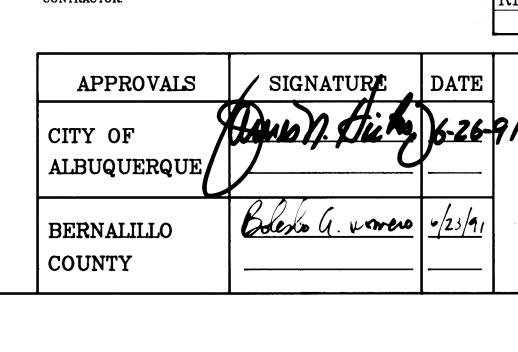
# NORTH VALLEY SEWER CONTRACT VIII—A

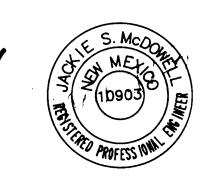
MAY 1991

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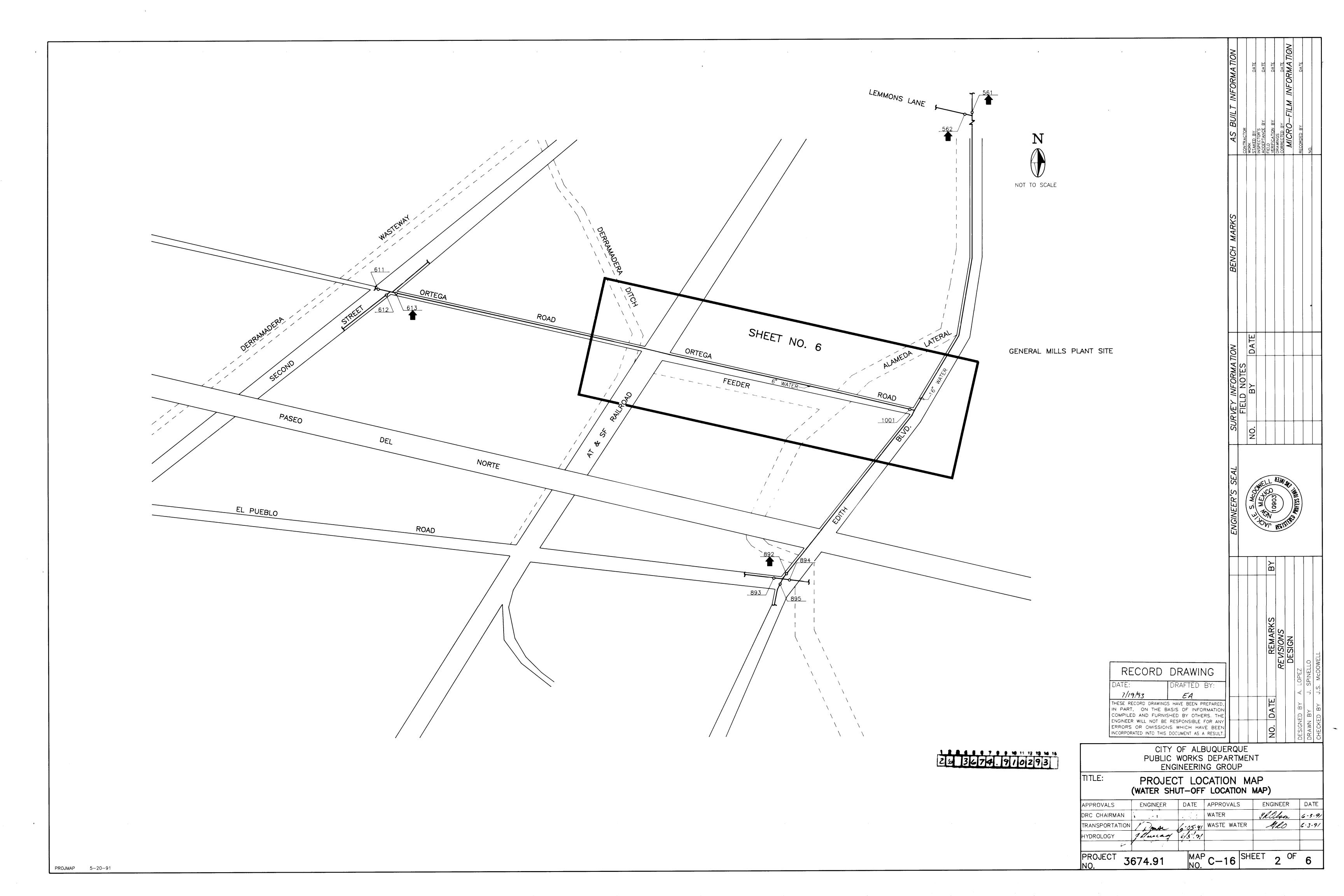






3674.91 SHEET 1 OF 6

TITLE8A 5-20-91



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		MANHOLE	DEPTH (FT.)	
LOCATION	STATION	NUMBER	ESTIMATE	FINAL
ORTEGA ROAD	3+10.00	1	14.40	
ORTEGA ROAD	6+63.83	2	13 <b>.3</b> 0	
ORTEGA ROAD	11+56.97	3	11.50	
ORTEGA ROAD	14+75.00	4	9.50	

- 1. ALL WORK DETAILED ON THESE PLANS TO BE PERFORMED UNDER CONTRACT SHALL, EXCEPT AS OTHERWISE STATED OR PROVIDED HEREON, BE CONSTRUCTED IN ACCORDANCE WITH THE "CITY OF ALBUQUERQUE, STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1986" (COA STND).
- 2. TWO (2) WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT N.M. ONE-CALL SYSTEM. 260-1990. FOR LOCATION OF EXISTING UTILITIES.
- 3. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL CONTACT MR. ROBERT WHITE M.R.G.C.D. ALBUQUERQUE DIVISION MANAGER @ 243-6796. TO NOTIFY HIM OF THE SCHEDULE FOR CONSTRUCTION AT/OR NEAR M.R.G.C.D. DRAINS OR LATERALS.
- 4. THE CONTRACTOR SHALL NOTIFY THE BERNALILLO COUNTY PUBLIC WORKS DEPARTMENT, TRAFFIC CONTROL MANAGER, THE SHERIFF, AND FIRE DEPARTMENT IN WRITING, A MINIMUM OF FIVE (5) WORKING DAYS PRIOR TO ANY STREET CLOSURES AND PRIOR TO ANY WORK WITHIN COUNTY RIGHT-OF-WAY.
- 5. 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 MINIMUM AMOUNT OF DELAY.
- 6. NOTE THAT ALL EXISTING UTILITIES MAY NOT BE SHOWN HEREON AND THAT ANY EXISTING UTILITIES THAT ARE SHOWN, ARE IN AN APPROXIMATE LOCATION ONLY. IT SHALL BE SOLE RESPONSIBILITY OF THE CONTRACTOR TO CONTACT ALL THE UTILITY OWNERS, AND CONDUCT ALL NECESSARY FIELD INVESTIGATIONS PRIOR TO ANY EXCAVATIONS TO DETERMINE THE ACTUAL LOCATION OF UTILITIES AND OTHER IMPROVEMENTS. THE CONTRACTOR IS FULLY RESPONSIBLE FOR ANY AND ALL DAMAGE CAUSED BY HIS FAILURE TO LOCATE, IDENTIFY AND PRESERVE ANY AND ALL EXISTING UTILITIES, PIPELINES, AND UNDERGROUND UTILITY
- ALL WATER VALVE BOXES AND SEWER MANHOLES WITHIN THE NEW PAVEMENT ARE TO BE ADJUSTED TO FINISH GRADE PER COA STND. DETAILS. (INCIDENTAL TO
- 8. IT SHALL BE THE CONTRACTOR'S SOLE RESPONSIBILITY TO DISPOSE OF ALL WATER FROM TRENCH DEWATERING ACTIVITIES (IF ANY) IN A PLACE AND IN A MANNER - WHICH WILL NOT CREATE A NUISANCE OR HARM PUBLIC OR PRIVATE PROPERTY. IF ANY SUCH WATER IS TO BE DISPOSED OF IN DITCHES OR DRAINS UNDER THE JUR'SDICTION OF THE M'DDLE RIO GRANDE CONSERVANCY DISTRICT (MRGCD), IT SHALL BE THE CONTRACTOR'S SOLE RESPONSIBILITY OF MAKE ALL NECESSARY ARRANGEMENTS WITH THE MRGOL FOR THE USE OF THESE DITCHES OR DRAINS.
- 9. NEW JEWER SERVICE INFO OCATIONS, BOTH VERTICAL AND HORIZONITAL, ARE TO BE DETERMINED BY THE OWNER, ENGINEER, AND PROPERTY OWNER, IN THE FIELD THE TIME THE CONTRACTION, AN BUILT MEDRIATION, PROVIDED BY THE CHAMPAIN REGERAL CONTROL OF MERCHANISM AND CONTROL OF SERVICE LINE & INJERT. Company of the company of the
- on of the contradictive order of Arthresh to the trick, ordering attroops by the form BASE OF BARRES, AND BENCH MARK CORKING THE FLAMS, OR MODIFIED IN THE RELEASE THE ENGINEER, REPORT ALL TEMS OF WORK WHICH REQUIRE CONSTRUCTION TAKING AND SURPERMENT OF HALL BE THE CONTRACTOR'S SOLE RESPONSIBILITY JUREESTABLE THE ALLE MESING REFERENCE POINTS REQUIRED FOR THE CONSTRUCTION OF THIS PRODUCT THE ACTION SHALL MOLUDE BUT NOT BE LIMITED TO, ALL SEWER LINES, WATER LITER, ATAL SERVICE LITERLAND COSTS INCURRED IN PROVIDING SUCH DUNITROCTOR CLARITYS AND PREYING WORK SHALL BE CONSIDERED INCIDENTAL 10 145 PROJECT.
- 11. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING, IN ADVANCE OF HIS CONSTRUCTION OPERATIONS, IF OVERHEAD UTILITY LINES, SUPPORT STRUCTURES, POLES, GUYS, ETC., ARE AN OBSTRUCTION TO CONSTRUCTION OPERATIONS. IF ANY OBSTRUCTION TO CONSTRUCTION OPERATIONS IS EVIDENT, THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING WITH THE APPROPRIATE UTILITY OWNER TO REMOVE OR SUPPORT THE UTILITY OBSTRUCTION ANY COST ASSOCIATED WITH THIS EFFORT SHALL BE THE RESPONSIBILITY OF THE
- 12. THERE ARE EXISTING FENCES AND WALLS LOCATED THROUGHOUT THE LIMITS OF THIS PROJECT. ANY FENCES OR WALLS DAMAGED OR REMOVED BY THE CONTRACTOR DURING THE CONSTRUCTION ACTIVITIES SHALL BE REINSTALLED OR REPLACED BY THE CONTRACTOR TO AN EQUAL OR BETTER CONDITION AT NO ADDITIONAL COST TO THE OWNER.
- 13. THE CONTRACTOR SHALL COORDINATE ANY WATER VALVE SHUT-OFF OPERATION WITH THE WATER SYSTEMS DIVISION (857-8200) NOT LESS THAN THREE (3) WORKING DAYS PRIOR TO INITIATING ANY WORK AFFECTING EXISTING WATER UTILITIES. SEE SECTION 18 OF THE GENERAL CONDITIONS.
- 14. THIS PROJECT IS TO BE CONSTRUCTED UNDER, AND IS SUBJECT TO, THE TERMS AND CONDITIONS OF THE MASTER UTILITY EASEMENT AND RIGHT-OF-WAY AGREEMENT ENTERED INTO BETWEEN THE COUNTY OF BERNALILLO AND THE CITY OF ALBUQUERQUE, EFFECTIVE DATE 8/20/90.
- 14A CONTRACTOR SHALL MAINTAIN ACCESS TO ALL PROPERTIES

- 15. STREET CENTERLINE GRADES SHALL BE RESTORED BY THE CONTRACTOR TO THE EXISTING CENTERLINE GRADES UNLESS OTHERWISE DIRECTED BY THE ENGINEER. MINOR ADJUSTMENTS TO THE STREET GRADES MAY BE NECESSARY AND WILL BE DIRECTED BY THE ENGINEER. MINOR ADJUSTMENTS TO STREET GRADES WILL BE CONSIDERED INCIDENTAL TO THE PAVING BID ITEMS. SMOOTH TRANSITIONS SHALL BE MADE BETWEEN EXISTING PAVEMENT WHICH REMAINS IN PLACE AND PAVEMENT WHICH IS BEING REPLACED. WHEN ABUTTING NEW PAVEMENT TO EXISTING, SAWCUT BACK EXISTING PAVEMENT TO A NEAT, STRAIGHT LINE AS REQUIRED TO REMOVE ANY BROKEN OR CRACKED PAVEMENT. THE FULL WIDTH OF PAVEMENT SHALL BE REPLACED ON ALL EXISTING PAVED STREETS WITHIN THE LIMITS OF THIS PROJECT. THE PAVEMENT SECTION SHALL BE IN ACCORDANCE WITH BERNALILLO COUNTY STANDARD DRAWING 2405A, SEE DETAIL ON SHT. 4). TRAFFIC CONTROL DEVICES, INCLUDING PAVEMENT MARKINGS, MUST BE RESTORED TO THE SAME OR BETTER CONDITION AS BEFORE CONSTRUCTION. ANY EARTHWORK NECESSARY TO COMPLETE THE PAVING SECTIONS REQUIRED SHALL BE CONSIDERED INCIDENTAL TO THE PAVING BID ITEM AND NO SEPERATE MEASUREMENT OR PAYMENT WILL BE MADE.
- 16. ANY AC PIPE WHICH MUST BE DISPOSED OF IS TO BE DONE IN A MANNER AND LOCATION THAT HAS BEEN APPROVED BY THE APPROPRIATE AUTHORITIES.
- 17. IT IS EXTREMELY IMPORTANT THAT THE CONTRACTOR COORDINATE ALL STREET CLOSURES AND TRAFFIC CONTROL OPERATIONS WITH THE AREA SCHOOL TRANSPORTATION OFFICIALS.
- 18. AFTER BACKFILLING TRENCH AND PRIOR TO ASPHALT SURFACING, ALL ROADS SHALL BE CONTINUALLY MAINTAINED INCLUDING ANY WATERING NECESSARY TO CONTROL DUST. FINAL PAVEMENT SURFACING ACTIVITIES SHALL BE DELAYED UNTIL SUCH TIME THAT THE ENTIRE LENGTH OF THE ROADWAY IS READIED FOR SURFACE COURSE.
- 19. CONTRACTOR IS TO SUPPORT AND MAINTAIN THE INTEGRITY OF ALL UNDERGROUND TELEPHONE AND CABLE TELEVISION UTILITIES AT NO ADDITIONAL COST TO THE OWNER. CABLE IS TO BE SUPPORTED EVERY 15' (MINIMUM).
- 20. CONTRACTOR SHALL SUPPORT AND MAINTAIN THE INTEGRITY OF ALL GAS LINES NOT OTHERWISE INDICATED AS BEING RELOCATED ON THE PLANS, NO ADDITIONAL PAYMENT WILL BE MADE FOR THIS SUPPORT. UTILITY LINES WHICH MUST BE RELOCATED ARE TO BE COORDINATED WITH THE UTILITY OWNER FOR RELOCATION.
- 21. ALL TEMPORARY WATERLINE AND TEMPORARY CAPPING AND BLOCKING OF EXISTING WATERLINE REQUIRED FOR THE INSTALLATION OF THE NEW WATERLINE SHALL BE CONSIDERED INCIDENTAL TO THE PROJECT
- 22. FOR THE CONTRACTOR'S CONVENIENCE, A SANITARY SEWER MANHOLE SCHEDULE HAS BEEN PROVIDED ON THIS SHEET, WHICH SHOWS THE DEPTH OF ALL NEW SAN'TARY SEWER MANHOLES, THESE DEPTHS SCHEDULED ARE FROM INVERT TO RIM ELEVATION. ANY FIELD CHANGES OR MINOR DEVIATION FROM THE EXISTING PROFILE WILL AFFECT THESE DIMENSIONS. THEREFORE, THE CONTRACTOR SHALL USE THESE MEASUREMENTS AS A GUIDE, BUT SHOULD ALLOW FOR MINOR ADJUSTMENTS.
- 23. SANITARY SEWER LINE MATERIAL MUST BE PVC, SDR-35 IF SLOPE IS LESS THAN .6%.
- 24. THE CONTRACTOR WILL NEED TO SUBMIT EVIDENCE OF INSURANCE & A \$5000.00 EXCAVATION BOND TO THE BERNALILLO COUNTY PUBLIC WORKS DEPARTMENT BEFORE CONSTRUCTION STARTS.
- 25. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING ALL TRENCHES IN A SAFE CONDITION. A BARRICADING & TRAFFIC CONTROL PLAN WILL NEED TO BE SUBMITTED TO THE BERNALILLO COUNTY PUBLIC WORKS DEPARTMENT FOR APPROVAL FROM THE TRAFFIC DEPARTMENT. A NO--COST EXCAVATION PERMIT WILL BE REQUIRED PRIOR TO CONSTRUCTION

#### ------ COORDINATION WITH PUBLIC -----

#### SPECIAL NOTICES:

HAND DELIVER SPECIAL NOTICES TO EACH RESIDENCE AND BUSINESS ADJAGENT TO THE CONSTRUCTION AREA OR TO THOSE WHICH MAY BE AFFECTED BY CONSTRUCTION ACTIVITIES. SPECIAL NOTICES ARE TO INFORM RESIDENTS AND BUSINESSES IN WRITING WHENEVER ACCESS OR WATER SERVICE TO THEIR PROPERTY WILL BE IMPAIRED. THE CONTRACTOR IS RESPONSIBLE FOR THE FOLLOWING:

#### BEFORE CONSTRUCTION:

- 1. SPECIAL NOTICE IS TO BE DELIVERED NOT MORE THAN SEVEN CALENDAR DAYS NOR LESS THAN FOUR CALENDAR DAYS PRIOR TO ACTUAL PHYSICAL CONSTRUCTION ON EACH LINE SEGMENT.
- 2. CORRECTED NOTICES ARE TO BE DELIVERED IF CONSTRUCTION DOES NOT START WITHIN 48 HOURS OF DATE GIVEN IN NOTICE.
- 3. THE WRITTEN NOTICE IS TO STATE a. CONTRACTOR'S NAME, ADDRESS, AND LOCAL TELEPHONE NUMBER.
- b. NATURE OF WORK TO BE DONE c. DISRUPTION RESIDENCES OR BUSINESSES MIGHT EXPECT

1. GIVE ADDRESS OF THE HOUSE OR BUSINESS TO BE SERVED.

- d. EXPECTED DURATION OF CONSTRUCTION. e. CONTRACTOR'S LOCAL TELEPHONE NUMBER TO WHICH COMPLAINTS MAY BE MADE
- DURING NORMAL WORKING HOURS. f. CONTRACTOR'S LOCAL TELEPHONE NUMBER TO WHICH EMERGENCY CONDITIONS CAN BE REPORTED DURING NON-WORKING PERIODS.

#### DURING CONSTRUCTION:

- AT LEAST SEVEN (7) CALENDAR DAYS PRIOR TO THE INSTALLATION OF EACH SERVICE LINE, THE CONTRACTOR SHALL DISTRIBUTE A NOTICE TO EACH EXISTING RESIDENCE OR BUSINESS TO BE SERVICED BY THE LINE. SUCH NOTICE SHALL
- 2. STATE THAT A SEWER LINE SERVICE IS TO BE INSTALLED FOR THAT HOUSE OR BUSINESS. 3. INCLUDE A SKETCH WHICH CLEARLY SHOWS THE TERMINATION POINT OF THE PROPOSED
- 4. REQUEST THE RESIDENT OR BUSINESS OWNER REVIEW THE PROPOSED LOCATION TO DETERMINE IF IT IS SATISFACTORY.
- 5. REQUEST THE OCCUPANT OF THE HOUSE OR BUSINESS TO IMMEDIATELY FORWARD THE NOTICE TO THE PROPERTY OWNER IF THEY DO NOT OWN THE PROPERTY SO THE OWNER MAY REVIEW THE NOTICE. COPIES OF THE NOTICES AND SKETCHES SHALL BE KEPT BY THE CONTRACTOR AND COPIES SHALL BE SENT TO THE ENGINEER AT THE SAME TIME THEY ARE DISTRIBUTED.

ALL PARCELS OF LAND WHERE A RESPONSE HAS NOT BEEN RECIEVED AND ALL PARCELS OF LAND UNOCCUPIED OR UNDERDEVELOPED WILL BE FURNISHED A SEWER SERVICE CONNECTION AT THE LOCATION SELECTED BY THE CONSTRUCTION PROJECT ENGINEER AND IN ACCORDANCE WITH THE CURRENT STANDARD SPECIFICATIONS.

#### AFTER CONSTRUCTION:

- 1. A NOTICE SHALL BE DELIVERED NOT MORE THAN SEVEN CALENDAR DAYS
- FOLLOWING CONSTRUCTION COMPLETION ON EACH LINE SEGMENT. 2. THE WRITTEN NOTICE IS TO STATE:
- a. CONTRACTOR'S NAME, ADDRESS, AND TELEPHONE NUMBER. b. THANK RESIDENTS AND BUSINESSES FOR COOPERATION AND REPORT WORK IS COMPLETED IN THE APPROPRIATE AREA.

PK & S

M.H.

-----GENERAL LEGEND-----

\_.....R/W

\_\_\_\_\_\_ CENTER LINE OF SURVEY

—(G)—— . . . . . . . . . . . . EXISTING GAS LINE

Tug .... EXISTING UNDERGROUND TELEPHONE LINE

. . . . . . . . . . . . NEW SANITARY SEWER

. . . . . . . . . . . . EXISTING WATER VALVE

. . . . . . . . . . . . NEW WATER VALVE

. . . . . . . . . . . . EXISTING WATER METER

. . . . . . . . . . . . EXISTING GAS METER

EXISTING FIRE HYDRANT

. . . . . . . . . . . . NEW FIRE HYDRANT

. . . . . . . . . . . . EXISTING MANHOLE

.... MANHOLE

. . . . . . . . . . . . . EXISTING GAS VALVE

. . . . . . . . . . . . . . EXISTING CABLE TELEVISION CAN

EXISTING TELEPHONE CAN

. . . . . . . . . . . NAIL AND SHINER . . . . . . . . . . . . . CONC. NAIL AND SHINER . . . . . . . . . . . . REFERENCE POINT . . . . . . . . . . . . . MANHOLE

. . . . . . . . . . . BENCH MARK

. . . . . . . . . . . RIGHT - OF - WAY . . . . . . . . . . . . MIDDLE RIO GRANDE CONSERVANCY DISTRICT MRGCD . . . . . . . . . . . . HUB AND TACK

. . . . . . . . . . . . POINT OF INTERSECTION P.I. . . . . . . . . . . . BEGINING OF SURVEY B.O.S.

. . . . . . . . . . . . END OF LINE E.O.L. . . . . . . . . . . . DIAMETER

. . . . . . . . . . . . . CORRUGATED METAL PIPE CMP . . . . . . . . . . . . . CONCRETE PIPE C.P.

1 2 8 4 5 6 7 6 5 50 1 1 1 1 1 1 1 1 1 26 3674.910393

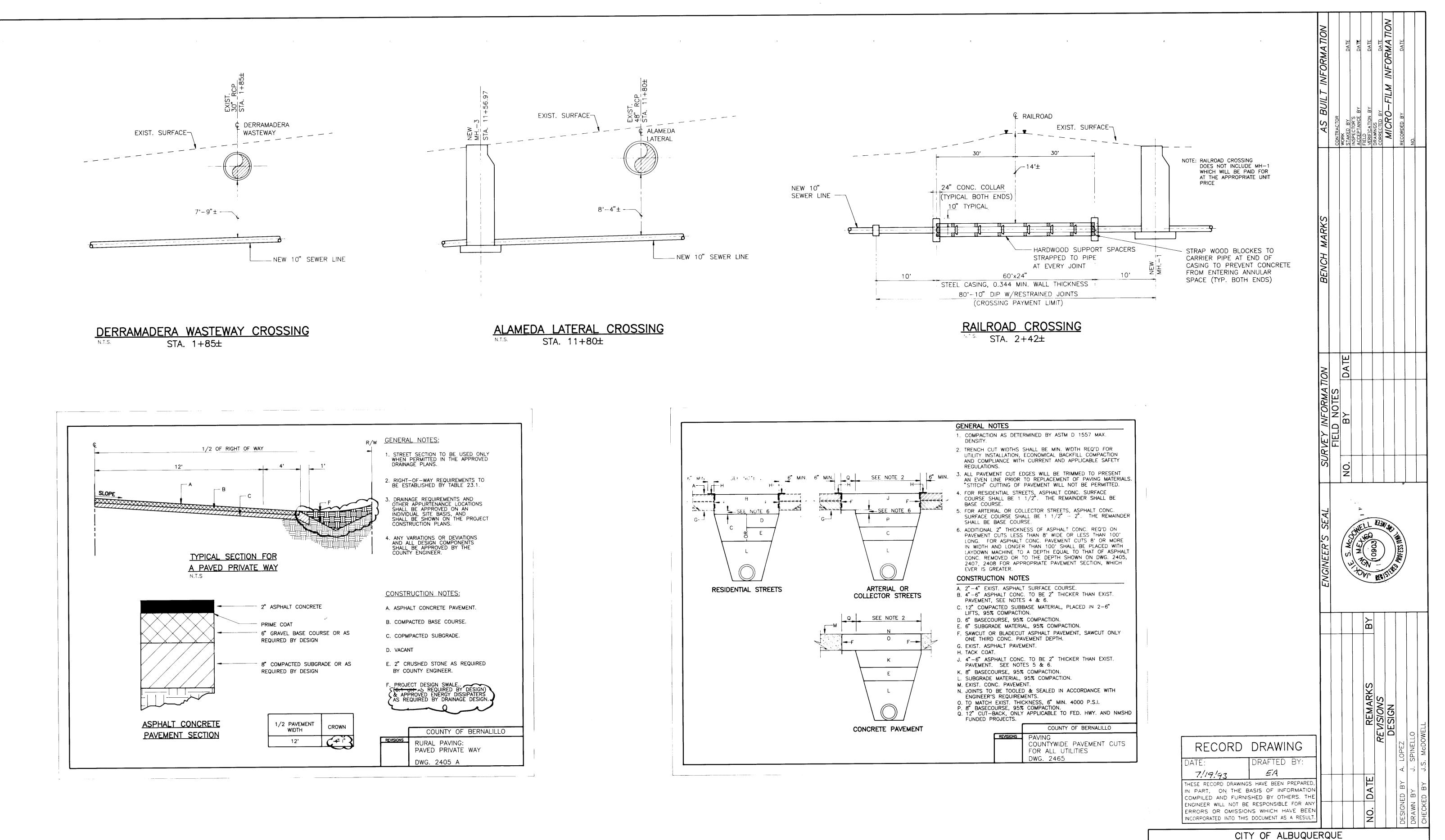
> RECORD DRAWING DRAFTED BY 7/19/93 EA THESE RECORD DRAWINGS HAVE BEEN PREPARED, IN PART, ON THE BASIS OF INFORMATION COMPILED AND FURNISHED BY OTHERS. TH ENGINEER WILL NOT BE RESPONSIBLE FOR ANY

INCORPORATED INTO THIS DOCUMENT AS A RESULT.

CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING GROUP TITLE: LEGEND, GENERAL NOTES & MANHOLE SCHEDULE ENGINEER APPROVALS ENGINEER | DATE | APPROVALS

INFORMA .

.R.V. CHAIR Allera 6-3.91 WATEL WASTE WATER Alaka RANS. DEV. 6.05.7/ Hydrology filming 3/5/50 ERRORS OR OMISSIONS WHICH HAVE BEEN DRAWING MAP NO. SHEET OF 3674.91



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PUBLIC WORKS DEPARTMENT ENGINEERING GROUP M.R.G.C.D. CROSS-SECTIONS & MISCELLANEOUS DETAILS ENGINEER DATE DATE APPROVALS APPROVALS ENGINEER AKO Son 6-3-91 WATER DRC CHAIRMAN 6.05.91 WASTE WATER Aldkar 6-3-91 TRANSPORTATION HYDROLOGY PROJECT 3674.91

XSEC8A 5-20-91

