### CONSTRUCTION PLANS FOR

# OCTOPUS CAR WASH

7 BAR RANCH, TRACT C-3-B

### UTILITY, NMSR 528 MEDIAN AND CHANNEL IMPROVEMENTS

#### **GENERAL NOTES**

**ABBREVIATIONS** 

- 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, AS AMENDED THROUGH UPDATE NO. 4.
- CONTACT ONE CALL SYSTEM, INC., 260-1990, FOR LOCATION OF EXISTING UTILITIES. CONTACT NEW MEXICO UTILITY INC. FOR WATER AND SEWER LOCATION. CONTRACTOR SHALL COORDINATE ALL UTILITY WORK INCLUDING SHUTOFF OF EXISTING UTLITIES 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 THESE DRAWINGS. 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.
- 5. 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.
- CONTRACTOR SHALL BE RESPONSIBLE FOR APPLYING FOR AND OBTAINING ALL APPLICABLE PERMITS REQUIRED FOR CONSTRUCTION OF THE IMPROVEMENTS FROM THE CITY OF ALBUQUERQUE, AND THE NEW MEXICO STATE HIGHWAY AND TRANSPORTATION DEPARTMENT. ALL PERMITS SHALL BE OBTAINED BEFORE BEGINNING ANY WORK.
- 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.

- ASBESTOS CEMENT

- BASELINE

CI

- CONSTRUCT

- CAST IRON

- CENTERLINE

- AIR/VACUUM RELEASE VALVE DIP

- BEGIN CROWN TRANSITION

- COMBINATION AIR VALVE

CONCRETE CYLINDER PIPE

- DEFLECT DOWN

- DEFLECT UP

- EXISTING

F-F - FACE TO FACE

FH - FIRE HYDRANT

**ELEV - ELEVATION** 

F/F - FEET/FOOT

- DUCTILE IRON PIPE

ECT - END CROWN TRANSITION

- 9. ALL AREAS DISTURBED BY CONTRACTORS WORK SHALL BE REVEGETATED IN ACCORDANCE WITH CITY OF ALBUQUERQUE TECHNICAL SECTION 1012.
- IO. DISPOSAL OF ALL WASTE MATERIAL SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AS SPECIFIED IN SECTION 6.14 OF THE GENERAL CONDITIONS OF
- II. 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 AND APPROVED BY THE FIELD ENGINEER. 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.
- 12. 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.
- 13. CONTRACTOR SHALL MAINTAIN ACCESS TO ADJACENT PROPERTIES DURING CONSTRUCTION. REFER TO SECTION 19 OF THE SPECIFICATIONS.
- 14. CONTRACTOR SHALL COORDINATE WITH NEW MEXICO UTILITIES, INC., A MINIMUM OF THREE (3) WORKING DAYS PRIOR TO IMPLEMENTING ANY PROPOSED WATER VALVE SHUT-OFF AND PRIOR TO INITIATING ANY WORK AFFECTING ANY EXISTING PUBLIC OR PRIVATE UTILITY. NMUI SHALL PERFORM ALL VALVE SHUTOFFS.
- 15. 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.
- 16. A MINIMUM OF THREE (3) WORKING DAYS PRIOR TO COMMENCING CONSTRUCTION, THE CONTRACTOR SHALL SUBMIT A DETAILED CONSTRUCTION SCHEDULE AND A CONSTRUCTION SIGNING AND BARRICADE PLAN TO CONSTRUCTION COORDINATION. 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 (768-2551) PRIOR TO OCCUPYING AN INTERSECTION. REFER TO SECTION 19 OF THE SPECIFICATIONS.

- FIBER OPTIC CABLE

NMUI - NEW MEXICO UTILITIES. INC.

- POINT OF CURVATURE

- HIGH PRESSURE

FO

- GAS

- INSTALL

- MANHOLE

- LIGHT POLE

- 17. THE CONTRACTOR SHALL PLACE THE PERMANENT PAVEMENT MARKINGS AS SHOWN ON THE DRAWING. ALL CONFLICTING EXISTING STRIPING SHALL BE
- 18. THIS DOCUMENT, AND THE IDEAS AND DESIGNS INCORPORATED HEREIN, ARE 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.
- 19. CONTRACTOR SHALL NOTIFY THE ENGINEER NOT LESS THAN SEVEN (7) DAYS PRIOR TO STARTING WORK IN ORDER THAT THE ENGINEER MAY TAKE NECESSARY MEASURES TO INSURE THE PRESERVATION OF SURVEY MONUMENTS. CONTRACTOR SHALL NOT DISTURB PERMANENT SURVEY MONUMENTS WITHOUT THE CONSENT OF THE ENGINEER AND SHALL NOTIFY THE ENGINEER AND BEAR THE EXPENSE OF REPLACING ANY THAT MAY BE DISTURBED WITHOUT PERMISSION. REPLACEMENT SHALL BE DONE ONLY BY THE ENGINEER. WHEN A CHANGE IS MADE IN THE FINISHED ELEVATION OF THE PAVEMENT OR ANY ROADWAY IN WHICH A PERMANENT SURVEY MONUMENT IS LOCATED, CONTRACTOR SHALL, AT HIS OWN EXPENSE, ADJUST THE MONUMENT COVER TO THE NEW GRADE UNLESS OTHERWISE SPECIFIED. REFER TO SECTION 44 OF THE SPECIFICATIONS.
- [X] ALL UTILITIES AND UTILITY SERVICE LINES SHALL BE INSTALLED PRIOR TO
- [X] BACKFILL, COMPACTION AND PAVING SHALL BE ACCORDING TO C.O.A. STD. DWG.
- [X] TACK COAT REQUIREMENTS SHALL BE DETERMINED BY THE FIELD ENGINEER.
- [X] SIDEWALKS AND WHEELCHAIR RAMPS WITHIN THE CURB RETURNS SHALL BE CONSTRUCTED WHEREVER A NEW CURB RETURN IS CONSTRUCTED.
- [ ] IF CURB IS DEPRESSED FOR A HANDICAP RAMP, THE RAMP SHALL BE CONSTRUCTED PRIOR TO ACCEPTANCE OF THE CURB AND GUTTER.
- [X] ALL STORM DRAINAGE FACILITIES SHALL BE COMPLETED PRIOR TO FINAL ACCEPTANCE.

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 4709.900194

- STORM DRAIN

- TOP OF CURB

- TRAFFIC LIGHT

- TELEPHONE

- TOP OF PIPE

VER - VERIFY LOCATION

SAS

SD

- POINT OF REVERSE CURVATURE

- PRESSURE RELIEF VALVE

- POINT OF TANGENCY

PUE - PUBLIC UTILITY EASEMENT

R/REL - REMOVE & RELOCATE

R/RPLC - REMOVE & REPLACE

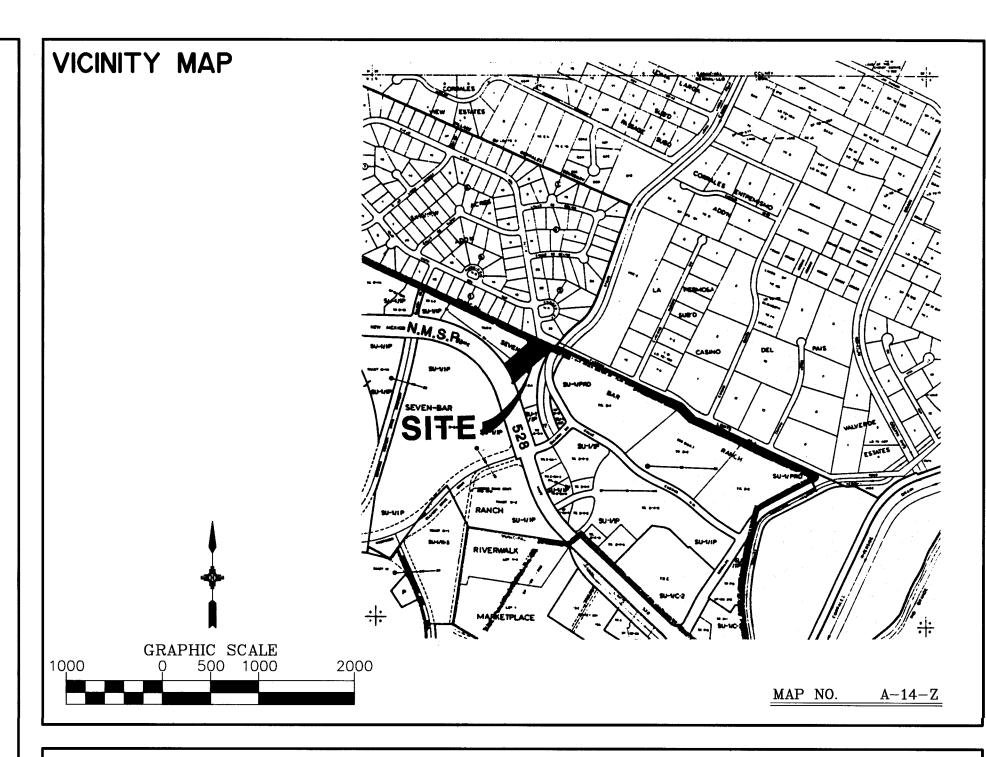
PVC - POLY VINYL CHLORIDE

R - REMOVE

- SANITARY SEWER UE - UNDERGROUND ELECTRIC - VITRIFIED CLAY PIPE

CHIEF CONSTRUCTION ENGINEER

DATE 4-22-94



## SHEET INDEX

COVER

WATER & SEWER IMPROVEMENTS NMSR 528 MEDIAN IMPROVEMENTS

CHANNEL & CROSSING STRUCTURE PLAN, PROFILE & DETAILS

RECORD DRAWING - MEDIAN IMPROVEMENTS

I, Ronald P. Bohannan, hereby certify that these drawings have been revised in accordance with the information furnished by Surv-Tek, Inc. to approximately reflect the NM 528 median



CP Behauman Date: 4/14/94 Ronald P. Bohannan, P.E. N.M.P.E. No. 9814

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US WEST COMMUNICATIONS

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

**EAI JOB NO. 3530.1** 

EASTERLING & ASSOCIATES, INC. — CONSUL TING ENGINEERS — 10131 COORS RD., NW, SUITE H - 7 ALBUQUERQUE, NEW MEXICO 87114 (505) 898-802I FAX (505) 898-850I

PROJECT NUMBER

APPROVED FOR CONSTRUCTION Richer BRay 1/28/94 CITY ENGINEER / ' / DATE

SHEET\_ I OF 3

SCANNED BY

BY LASON

4709.90

SCANNED BY

FL - FLOW LINE ROW - RIGHT-OF-WAY W OR WL - WATERLINE - CITY OF ALBUQUERQUE - POINT ON CURVE X - CROSSING PP - POWER POLE

- POINT OF COMPOUND CURVATURE REL – RELOCATE

BY LASON

