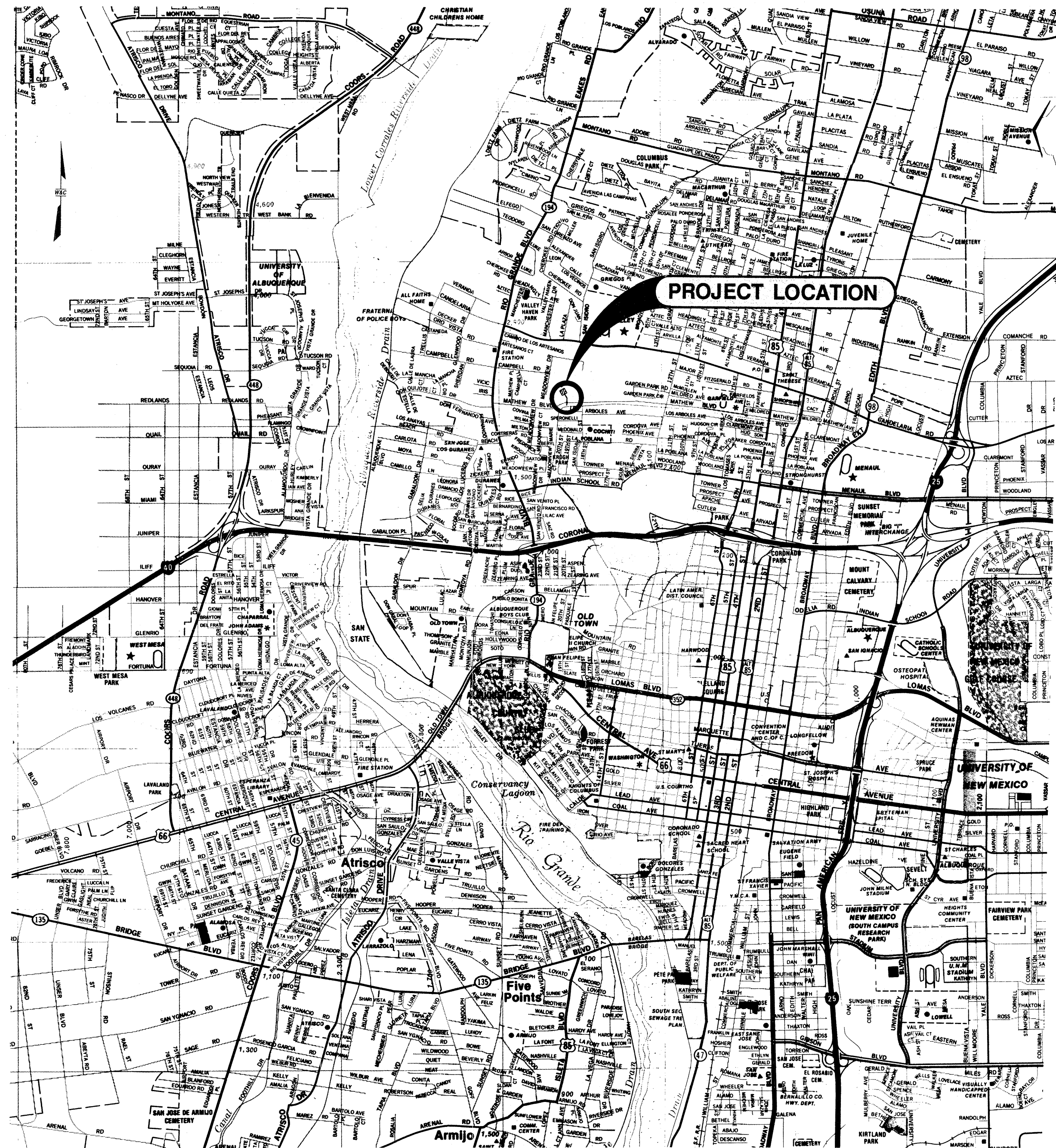




PROJECT LOCATION MAP

Not to Scale

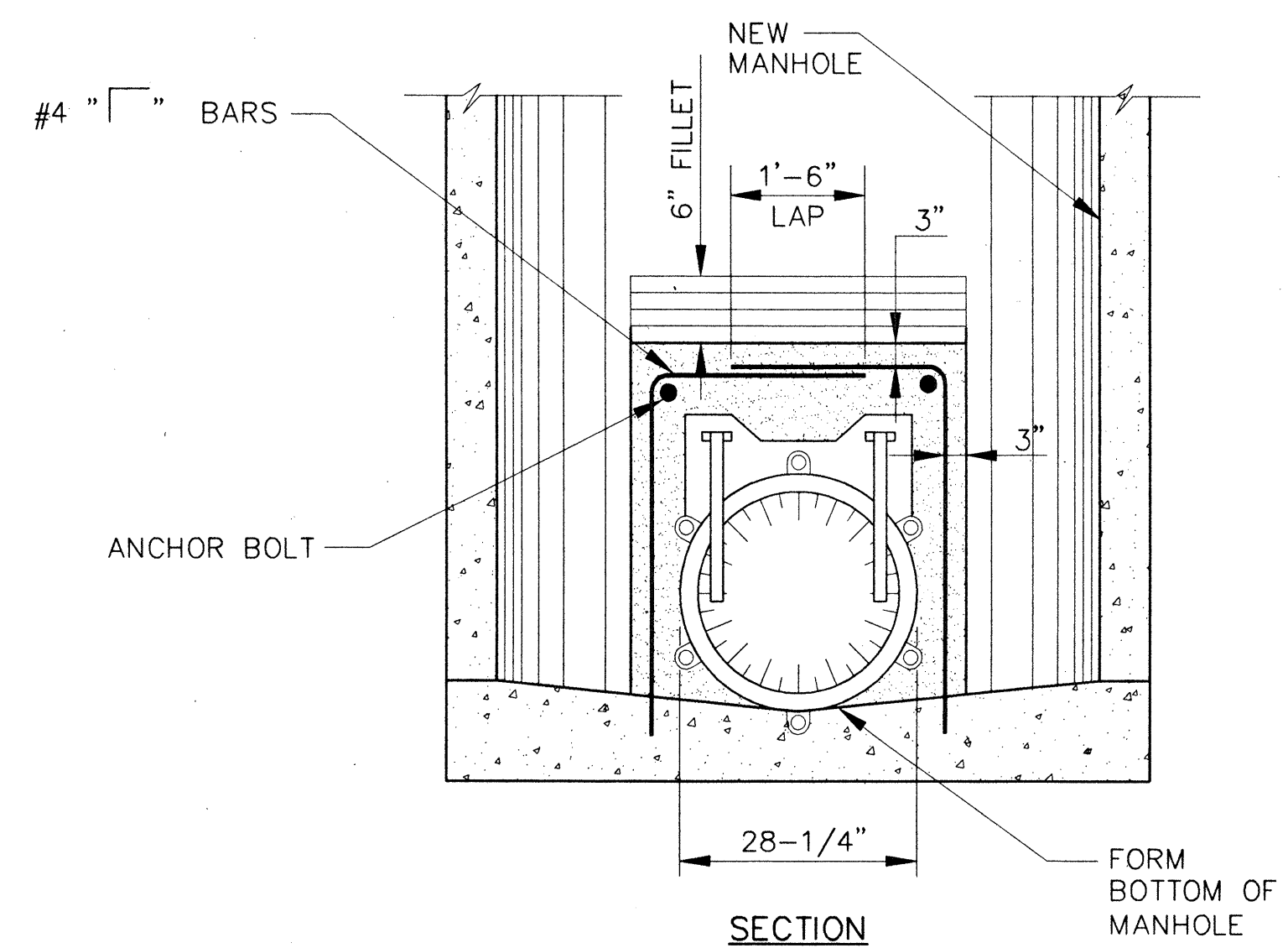
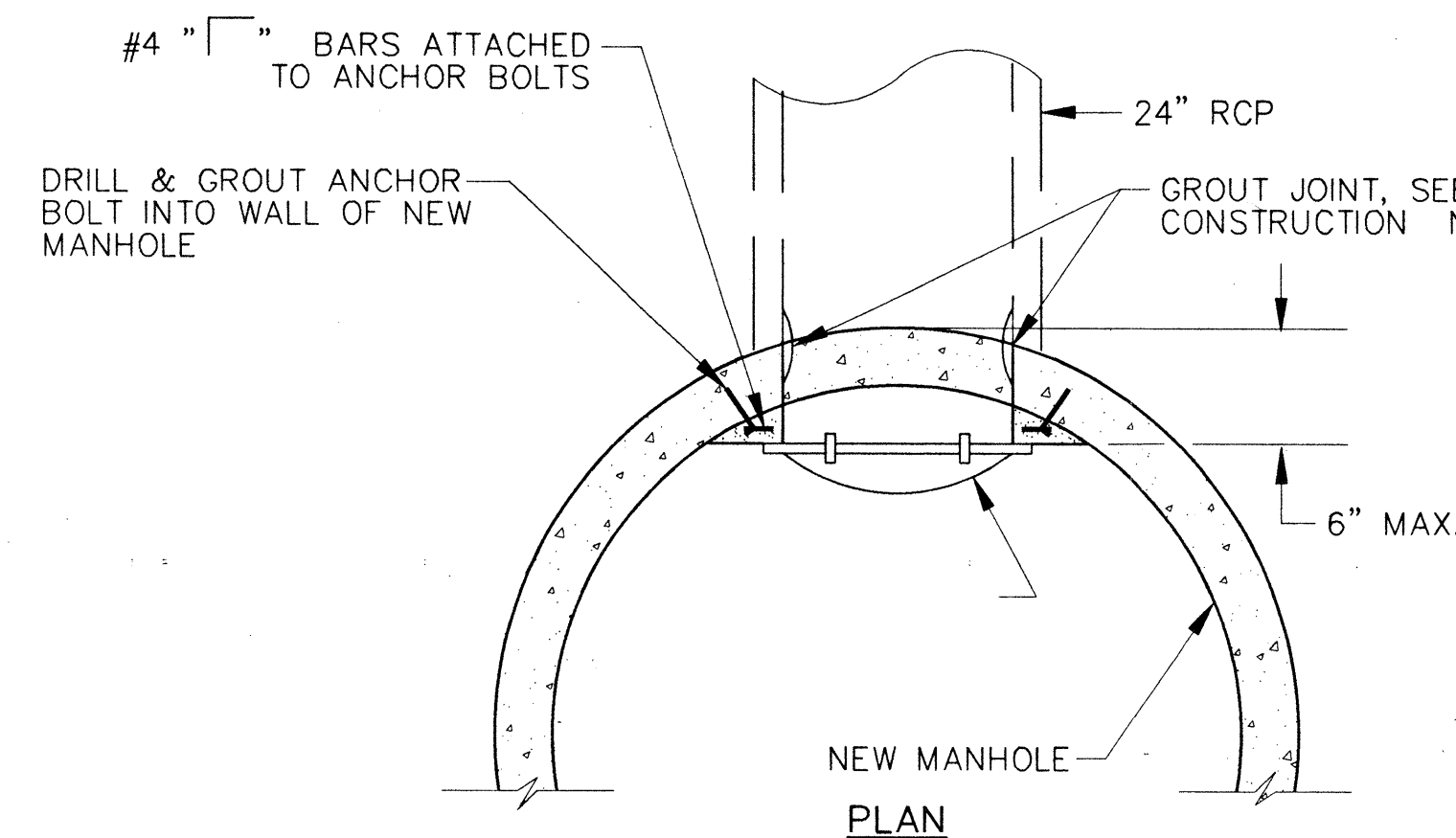
ENGINEER'S SEAL			SURVEY INFORMATION		BENCH MARKS		AS BUILT INFORMATION	
			FIELD NOTES				CONTRACTOR	
			NO.	DATE			WORK	DATE
							INSPECTOR'S	DATE
							ACCEPTANCE BY	DATE
							VERIFICATION BY	DATE
REMARKS							DRAWINGS	
BY							BY	
WILSON & COMPANY ENGINEERS & ARCHITECTS							MICRO-FILM INFORMATION	
DESIGNED BY A.O.B.							RECORDED BY	
DRAWN BY P.A.S.							NO	
CHECKED BY W.F.Z.								

CITY OF ALBUQUERQUE					
PUBLIC WORKS DEPARTMENT					
PROJECT LOCATION MAP & GENERAL NOTES					
ABANDONMENT OF MATTHEW PUMP STATION NO. 34					
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC Chair			Liquid Waste	Robert Kame	4-30-90
Trans. Dev.			Traffic	N.A. Dwyer	5/1/90
Utility Dev.			Water	Robert Kame	4-30-90
DRAWING NO. 3891 MAP NO. G-13S SHEET 2 OF 4					

GENERAL NOTES

- CURB AND GUTTER SHOWN AS EXISTING AND NOT TO BE REMOVED UNDER THIS CONTRACT WHICH IS DAMAGED OR DISPLACED BY THE CONTRACTOR SHALL BE REMOVED AND REPLACED BY THE CONTRACTOR AT HIS EXPENSE.
- WHEN ABUTTING NEW PAVEMENT TO EXISTING, SAW CUT EXISTING PAVEMENT TO A STRAIGHT LINE AS REQUIRED TO REMOVE ANY BROKEN OR CRACKED PAVEMENT AND MATCH NEW TO EXISTING.
- WHEN REMOVAL OF EXISTING CURB AND GUTTER OR SIDEWALK IS REQUIRED, REMOVE TO NEAREST JOINT.
- ALL GAS VALVE BOXES, GAS MANHOLES, ELECTRICAL MANHOLES, AND TELEPHONE MANHOLES WILL BE ADJUSTED TO GRADE BY OWNERS, BEFORE OR IN CONJUNCTION WITH THE PROJECT CONSTRUCTION.
- TWO (2) WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT NM ONE CALL SYSTEM, 260-1990, FOR LOCATION OF EXISTING UTILITIES.
- CONTRACTOR IS TO EXERCISE DUE CARE TO AVOID DISTURBING ANY EXISTING UNDERGROUND UTILITIES. IT SHALL BE HIS RESPONSIBILITY TO COORDINATE WITH THE UTILITY COMPANIES IN ORDER TO PREVENT ANY SERVICE DISRUPTION THAT MIGHT RESULT FROM PROJECT CONSTRUCTION. IT SHALL BE HIS RESPONSIBILITY TO PROTECT AND PRESERVE UTILITY EQUIPMENT AFFECTED BY PROJECT CONSTRUCTION. SIZE AND LOCATION OF UNDERGROUND UTILITY LINES AS HEREON SHOWN, ARE FROM THE RECORDS OF THE CITY OF ALBUQUERQUE PUBLIC WORKS DEPT., NEW MEXICO GAS COMPANY, PUBLIC SERVICE OF NEW MEXICO AND U.S. WEST COMMUNICATIONS. PRIOR TO CONSTRUCTION OF EACH PHASE OF WORK, THE CONTRACTOR SHALL EXCAVATE AND VERIFY THE HORIZONTAL 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.
- SUBGRADE PREPARATION UNDER CURB AND GUTTER, DRIVEPADS AND SIDEWALK SHALL BE CONSIDERED INCIDENTAL TO THE CONSTRUCTION OF SUCH AND SHALL BE INCLUDED IN THE BID PRICE FOR SUCH ITEMS.
- A DISPOSAL SITE, COMPLYING WITH ALL CITY ORDINANCES, SHALL BE OBTAINED BY THE CONTRACTOR FOR THE DISPOSAL OF ALL EXCESS EXCAVATION MATERIAL, UNSUITABLE MATERIAL, ASPHALTIC PAVEMENT AND OTHER WASTE MATERIALS. THE CONTRACTOR SHALL NOTIFY THE THE CITY OF ALBUQUERQUE OF THE LOCATION OF THE DISPOSAL SITE PRIOR TO THE REMOVAL OF ACTUAL DISPOSAL MATERIAL. ALL COSTS IN OBTAINING A DISPOSAL SITE AND HAUL THERETO SHALL BE CONSIDERED INCIDENTAL TO COMPLETION OF THE PROJECT AND NO DIRECT PAYMENT WILL BE MADE THEREFOR.
- THE CONTRACTOR WILL BE REQUIRED TO CONFINE HIS WORK WITHIN THE CONSTRUCTION LIMITS AND OR R.O.W. TO PRESERVE EXISTING VEGETATION AND PRIVATE PROPERTY. OVERNIGHT PARKING OF CONSTRUCTION EQUIPMENT SHALL NOT OBSTRUCT DRIVEWAY OPENINGS OR DESIGNATED TRAFFIC LANES. THE CONTRACTOR SHALL PROVIDE ACCESS TO PRIVATE PROPERTY AT ALL TIMES.
- FIFTY (50) TON ROLLER OPERATION SHALL NOT BE USED IN THE PROJECT WHERE UNDERGROUND UTILITIES ARE PRESENT. THE REQUIRED COMPACTION AT THESE LOCATIONS SHALL BE EFFECTED BY OTHER MEANS.
- ALL EXCAVATIONS FOR STORM DRAINS, AND OTHER EXCAVATIONS AS NECESSARY, SHALL BE GOVERNED BY THE OSHA, SAFETY & HEALTH REGULATIONS FOR CONSTRUCTION (TITLE 29, CFR, PART 1926.650 SUBPART P AND PART 1910 AS APPLICABLE TO CONSTRUCTION WORK - PUBLISHED IN THE FEDERAL REGISTER ON OCTOBER 31, 1989).
- CONSTRUCTION SIGNING SHALL BE BY CONTRACTOR.
- ALL TRAFFIC CONTROL DEVICES SHALL COMPLY WITH THE CURRENT EDITION OF "MANUAL FOR UNIFORM TRAFFIC CONTROL DEVICES."
- ALL TRAFFIC CONTROL SIGNS MUST BE INSTALLED BEFORE CONSTRUCTION BEGINS FOR EACH PHASE OF THE WORK AND DIRECTED BY THE FIELD ENGINEER. ALL SIGN LOCATIONS WILL BE SELECTED IN THE FIELD AND APPROVED BY THE FIELD ENGINEER. SIGN HEIGHT SHALL BE 7 FT. ABOVE THE SIDEWALK LEVEL TO THE BOTTOM OF SIGN.
- ALL DRUMS USED FOR TRAFFIC CONTROL MAY BE FILLED WITH SAND OR WATER BALLAST LIMITED TO 100 LBS. MAXIMUM PER DRUM.
- THE CONTRACTOR SHALL PROVIDE AND MAINTAIN A SAFE AND ADEQUATE MEANS OF CHANNELING PEDESTRIAN TRAFFIC AROUND ALL WORK AREAS THROUGHOUT THE CONSTRUCTION PERIOD.
- ALL ADVANCE WARNING SIGNS AND AND ALL BARRICADES SHALL BE EQUIPPED WITH FLASHING WARNING LIGHTS, TYPE A, EXCEPT ALL CHANNELIZING BARRICADES SHALL HAVE STEADY BURNING WARNING LIGHTS, TYPE C.
- MANHOLE RIM ELEVATIONS SHOWN ON THESE PLANS ARE APPROXIMATE AND WILL VARY IN ACCORDANCE WITH FINISHED PAVEMENT ELEVATIONS.
- THE CONTRACTOR SHALL ADHERE TO SECTION 19 OF THE CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS - 1986 FOR PUBLIC WORKS CONSTRUCTION.
- FIVE (5) WORKING DAYS PRIOR TO BEGINNING CONSTRUCTION, THE CONTRACTOR SHALL SUBMIT TO CONSTRUCTION COORDINATIONS DIVISION A DETAILED CONSTRUCTION SCHEDULE. TWO (2) WORKING DAYS PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL OBTAIN A BARRICADING PERMIT FROM THE CONSTRUCTION COORDINATION DIVISION. THE CONTRACTOR SHALL NOTIFY BARRICADE ENGINEER (768-2551) PRIOR TO OCCUPYING AN INTERSECTION. REFER TO SECTION 19 OF THE GENERAL CONDITIONS OF THE STANDARD SPECIFICATIONS.
- THE CONTRACTOR SHALL MEASURE AND BE PAID FOR ALL FILL CONSTRUCTION WITH IN-PLACE CROSS SECTIONS. ALL BORROW REQUIRED TO COMPLETE THE WORK WILL ALSO BE MEASURED AND PAID FOR BY FINAL CROSS SECTIONS. SHRINK WILL NOT BE ACCOUNTED FOR OR BE PAID FOR SEPERATELY.

- ANY WORK TO BE PERFORMED WITHIN THE MIDDLE RIO GRANDE CONSERVANCY DISTRICT (M.R.G.C.D.) RIGHT-OF-WAY SHALL BE CLOSELY COORDINATED WITH THE M.R.G.C.D. ENGINEERING DEPARTMENT AND APPROPRIATE FIELD OFFICE. PHONE: (505) 247-0234.
- NO WORK IS TO BE DONE ON FACILITIES OR STRUCTURES BELONGING TO, OR OPERATED BY, THE M.R.G.C.D. BETWEEN MARCH 1 AND OCTOBER 31 INCLUSIVE. HOWEVER, WORK MAY BE PERMITTED BY THE M.R.G.C.D. IF IT CAN BE SHOWN THAT THE WORK WILL NOT INTERFERE WITH OPERATIONS OF THE M.R.G.C.D. FACILITY. ALL WORK TO BE DONE WITHIN THE M.R.G.C.D. FACILITIES MUST BE APPROVED BY THE M.R.G.C.D. ENGINEER PRIOR TO COMMENCING WORK.
- THE CONTRACTOR SHALL NOT STORE EQUIPMENT, NEW MATERIALS OR DEBRIS WITHIN DISTRICT RIGHT-OF-WAY WHICH MAY INTERFERE WITH OPERATIONS AND MAINTENANCE OF THE M.R.G.C.D. FACILITY.
- THE CONTRACTOR SHALL NOT SERVICE VEHICLES OR EQUIPMENT WITHIN M.R.G.C.D. RIGHT-OF-WAY.
- SEEDING OF DISTURBED AREAS WITHIN M.R.G.C.D. RIGHT-OF-WAYS IS REQUIRED PER THE M.R.G.C.D. SEEDING SPECIFICATIONS.
- THE CONTRACTOR MUST MAINTAIN A MINIMUM COVER OF 3' OVER ALL CULVERT CROSSINGS USED FOR ACCESS TO THE PROJECT SITE.
- THE CONTRACTOR IS RESPONSIBLE FOR REPAIRING AND/OR REPLACEMENT OF DAMAGED STRUCTURE/STRUCTURES WITHIN M.R.G.C.D. RIGHT-OF-WAYS THAT MAY OCCUR DUE TO THE CONTRACTORS ACTIVITIES.
- ALL DAMAGED CULVERT CROSSINGS MUST BE RESTORED AND/OR REPLACED TO THE SATISFACTION OF THE M.R.G.C.D..
- ALL SALVAGEABLE CULVERTS, IRRIGATION GATES, ETC. MUST BE RETURNED TO THE M.R.G.C.D..
- THE CONTRACTOR IS RESPONSIBLE FOR EXECUTING A "SPECIAL USE LICENSE AGREEMENT" WITH THE M.R.G.C.D. PRIOR TO CONSTRUCTION.



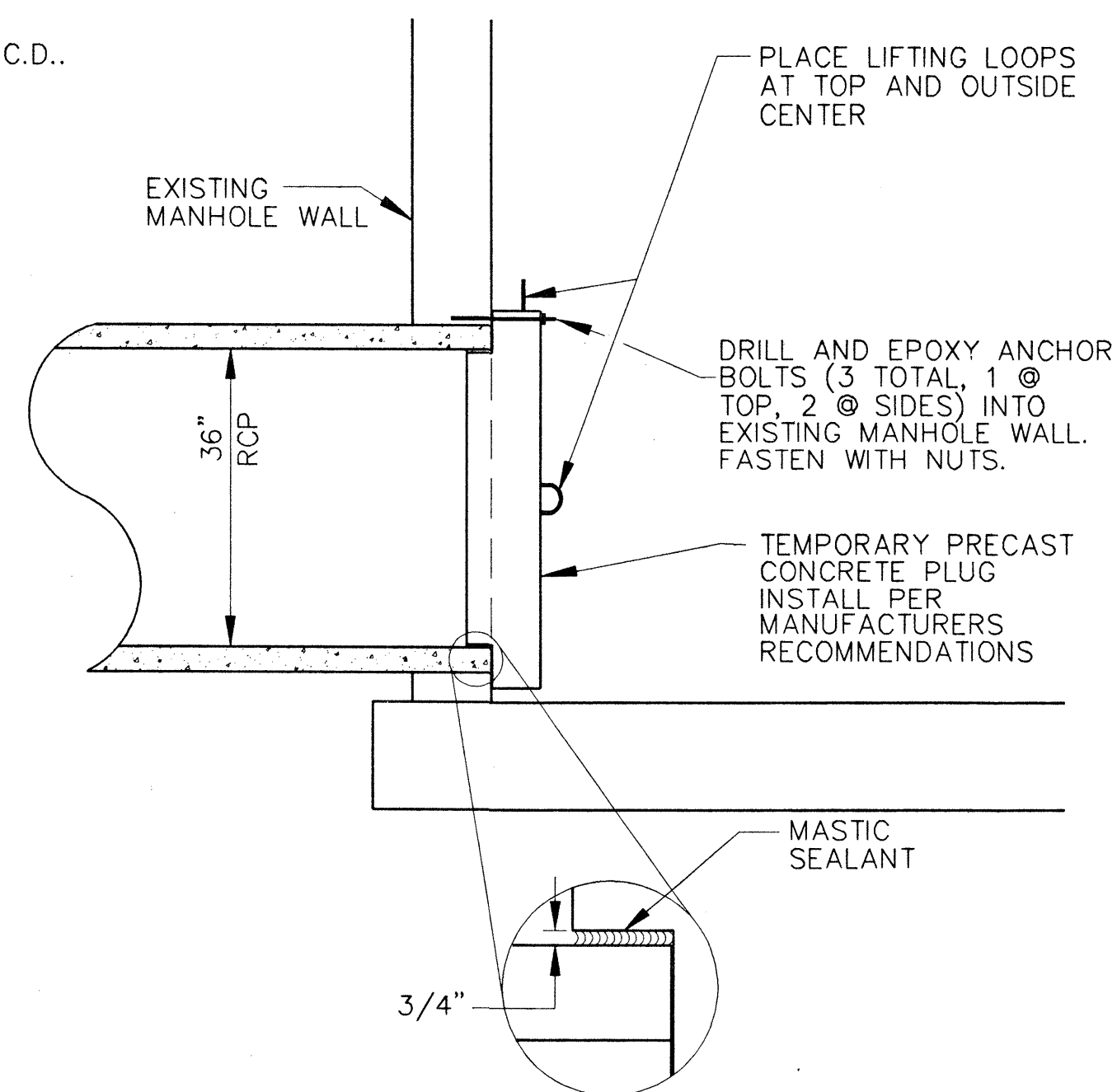
FLAP VALVE DETAIL
N.T.S.

INCIDENTAL ITEMS

THE FOLLOWING ARE INCIDENTAL ITEMS TO THE COMPLETION OF THE PROJECT AND NO SEPARATE PAYMENT WILL BE MADE THEREFORE. THIS LIST IS NOT NECESSARILY ALL INCLUSIVE. THE CONTRACTOR WILL VERIFY WITH THE ENGINEER ITEMS CONSIDERED INCIDENTAL.

BASE BID

- SUBGRADE PREP UNDER CURB & GUTTER, DRIVE PADS, AND SIDEWALKS.
- GENERAL NOTES 8, 21.



DRAIN PIPE PLUG DETAIL
N.T.S.

CONSTRUCTION NOTES:

- SUPPORT ANCHORS SHALL BE DRILLED INTO MANHOLE WALL, ALLOWING REINFORCEMENT BARS TO BE TIED TO ANCHOR. COORDINATE ANCHOR TYPE WITH ENGINEER PRIOR TO CONSTRUCTION.
- 24" PIPE EXTENSION SHALL BE FORMED CONCRETE. INSIDE JOINT TO BE GROUTED WITH NON-SHRINK GROUT.
- BOTTOM OF MANHOLE SHALL BE FORMED AS NECESSARY TO ACCOMMODATE VALVE PLACEMENT AND OPERATION.
- REINFORCEMENT BARS SHALL BE DRILLED AND GROUTED INTO BOTTOM OF MANHOLE.
- CAST IN PLACE CONCRETE SHALL INCLUDE NO LESS THAN 4 ANCHOR BOLTS FOR FLAP INSTALLATION.
- FLAP VALVE SHALL BE A NEENAH R-5050 TYPE SF WITH ALUMINIUM COVER OR APPROVED EQUAL.

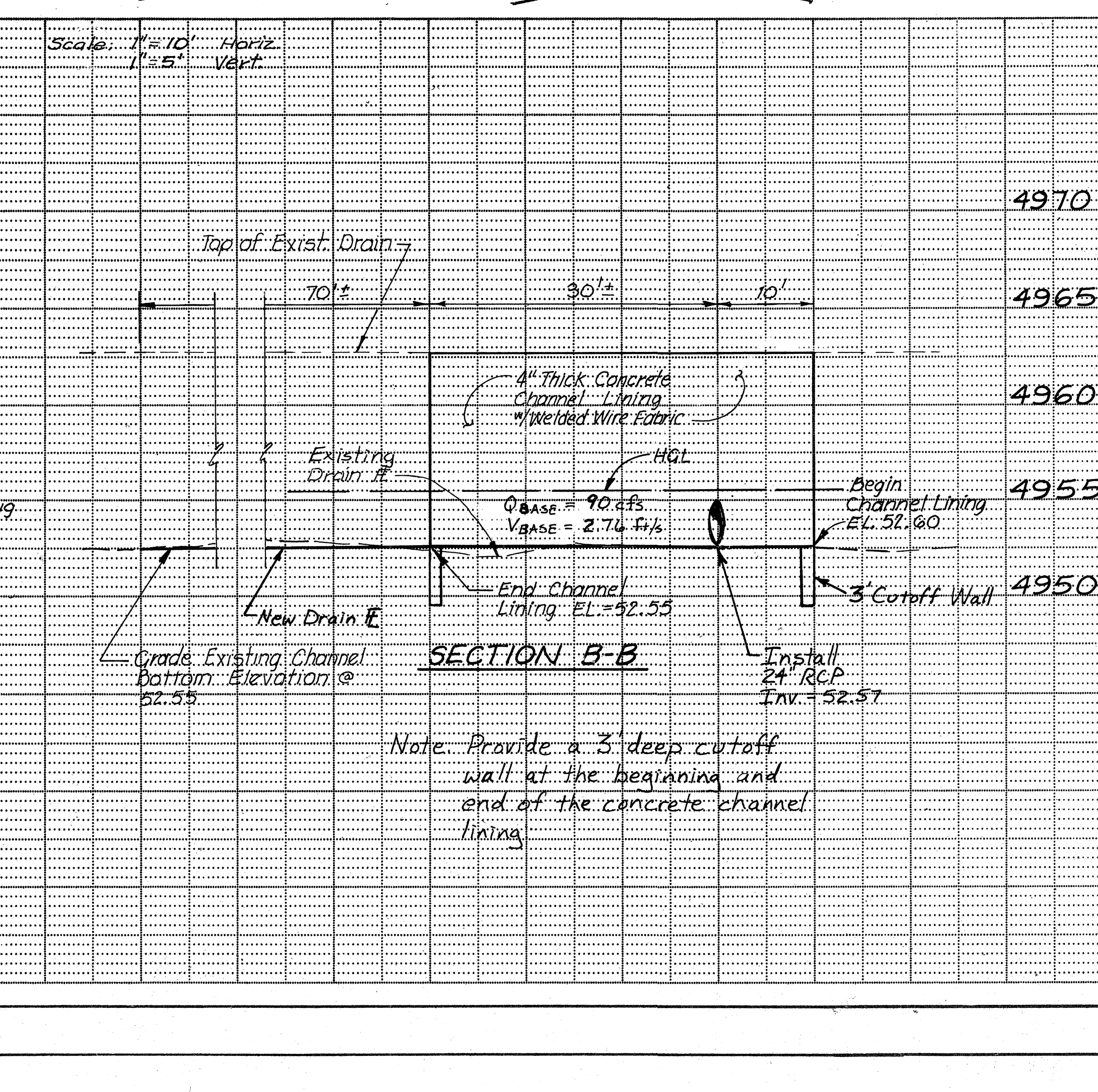
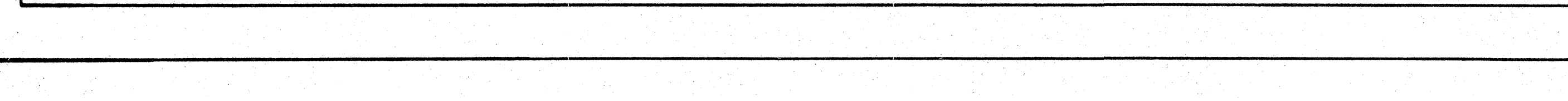
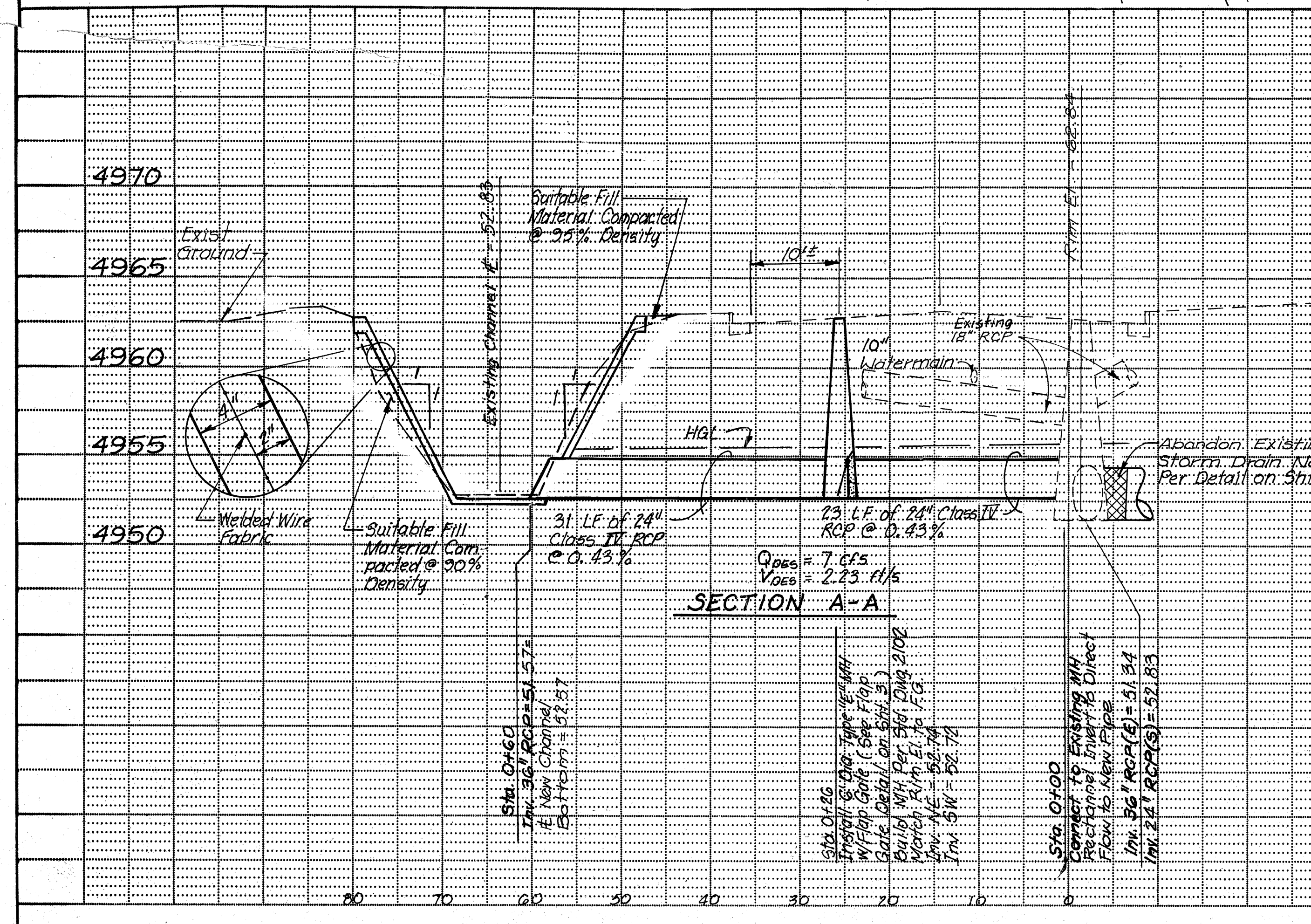
WILSON & COMPANY

4775 Indian School Road, N.E.,
Suite 200
Albuquerque, New Mexico
87110
Ph. (505)-254-4000

CITY OF ALBUQUERQUE
HYDROLOGY DIVISION

MATTHEW PUMP STATION
GENERAL NOTES & MISCELLANEOUS DETAILS

Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.
City Project No.	MAP NO.	SHEET	3	OF 4
3891.90	G-13			



4. Materials that do not have salvageable value will be disposed of by the Contractor at no additional cost to the Owner.
5. Contractor to Contact Bernie Gutierrez (823-4250) for review of items to be salvaged.

ERQUE		
ARTMENT		
PROFILE		
MP STATION NO. 34		
ROVALS	ENGINEER	DATE
Waste	<i>Robert Kane</i>	<i>4-30-92</i>
	<i>NA DWI</i>	<i>5/1/92</i>
	<i>Robert Kane</i>	<i>4-30-92</i>
3S	SHEET 4	OF 4
ENY ECTS	WCEA 86-532	

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC Chair			Liquid Waste	Robert Kane	4-30-90
Trans. Dev.			Traffic	NA DWH	5/1/90
Utility Dev.			Water	Robert Kane	4-30-90

HYDROLOGY		Steve Bohay 4/19/90			
DRAWING NO. 3891		MAP NO. G-13S		SHEET 4 OF 4	

WILSON & COMPANY
ENGINEERS & ARCHITECTS
ALBUQUERQUE NEW MEXICO