



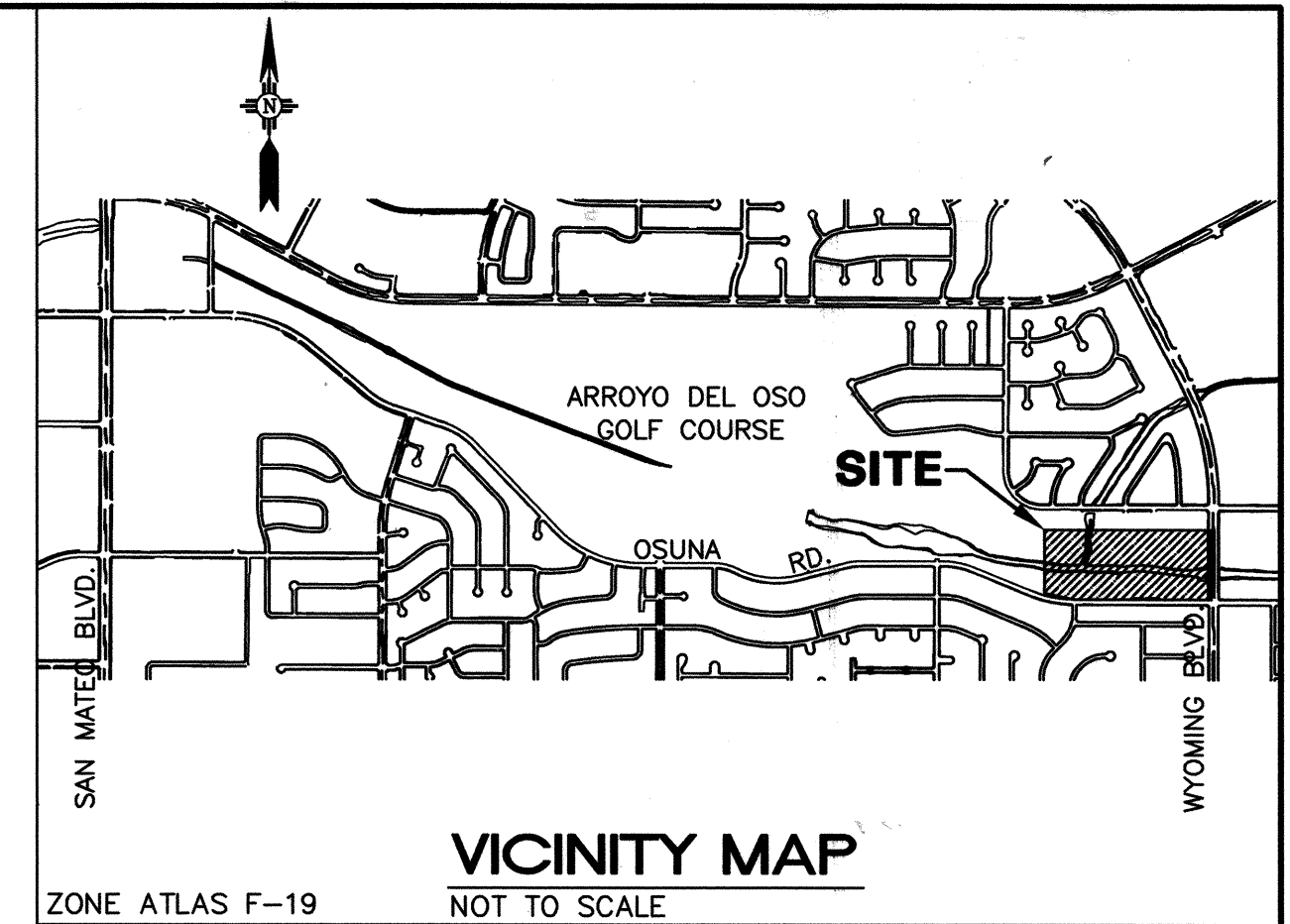
CONSTRUCTION PLANS FOR BEAR CANYON ARROYO IMPROVEMENTS

WEST OF WYOMING

DECEMBER, 1997

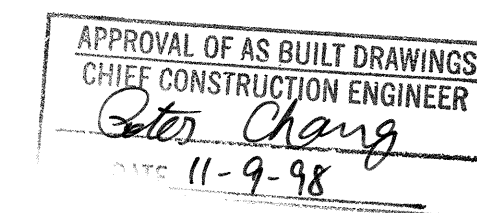
INDEX TO DRAWINGS

SHEET NO.	DESCRIPTION
1	TITLE SHEET
2	PLAN & PROFILE
3	DETAILS
4	CROSS SECTIONS



GENERAL NOTES

- ALL WORK DETAILED ON THESE PLANS TO BE PERFORMED UNDER THIS CONTRACT SHALL, EXCEPT AS OTHERWISE STATED OR PROVIDED FOR HEREIN, BE CONSTRUCTED IN ACCORDANCE WITH THE CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1986, EDITION AS AMENDED WITH UPDATE NO. 6.
- CONTRACTOR SHALL NOTIFY THE PROJECT 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 BEAR THE EXPENSE OF REPLACING ANY THAT MAY BE DISTURBED WITHOUT PERMISSION. REPLACEMENT SHALL BE DONE ONLY BY THE CITY SURVEY SECTION WHEN A CHANGE IS MADE IN 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 4.4 OF GENERAL CONDITIONS OF THE CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION.
- FIVE (5) WORKING DAYS PRIOR TO BEGINNING CONSTRUCTION, THE CONTRACTOR SHALL SUBMIT TO THE CONSTRUCTION COORDINATION DIVISION A DETAILED CONSTRUCTION SCHEDULE. TWO (2) WORKING DAYS PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL OBTAIN A BARRICADE PERMIT FROM THE CONSTRUCTION COORDINATION DIVISION. CONTRACTOR SHALL NOTIFY BARRICADE DIVISION ENGINEER (768-2551) PRIOR TO OCCUPYING AN INTERSECTION. SEE SECTION 19 OF THE SPECIFICATIONS.
- ALL EXISTING UTILITIES SHOWN HERE WERE TAKEN AS ACCURATELY AS POSSIBLE FROM RECORD DRAWINGS AND SURFACE INDICATIONS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PROTECT, MAINTAIN IN SERVICE, AND VERIFY EXACT LOCATIONS OF ALL AFFECTED UTILITIES DURING CONSTRUCTION OF THIS PROJECT.
- TWO (2) WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT LINE LOCATING SERVICE, (260-1990) FOR LOCATION OF EXISTING UTILITIES.
- PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL OBSTRUCTIONS AND EXISTING PAVEMENT. SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE ENGINEER OR SURVEYOR SO THAT THE CONFLICT CAN BE RESOLVED WITH MINIMUM AMOUNT OF DELAY.
- UTILITY RELOCATION AND NEW UTILITIES INSTALLATIONS REQUIRED BY THE CONSTRUCTION OF THIS PROJECT ARE TO BE COORDINATED BY THE CONTRACTOR DURING CONSTRUCTION. THE CONTRACTOR MAY BE REQUIRED TO RESCHEDULE HIS ACTIVITIES TO ALLOW UTILITY CREWS TO PERFORM THEIR REQUIRED WORK. ALL UTILITIES AND UTILITY SERVICE LINES SHALL BE INSTALLED PRIOR TO PAVING.
- 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.
- ALL DISTURBED AREAS LEFT EXPOSED AFTER THE COMPLETION OF CONSTRUCTION SHALL BE SEEDED PER SECTION 1012 OF THE SPECIFICATIONS.
- THE CONTRACTOR SHALL DISPOSE OF ALL UNSUITABLE MATERIAL IN AN ENVIRONMENTALLY ACCEPTABLE MANNER AT A LOCATION ACCEPTABLE TO THE PROJECT MANAGER. THERE WILL BE NO DIRECT COMPENSATION FOR THIS WORK.
- CONTRACTOR IS RESPONSIBLE FOR SUPPORTING ANY EXISTING UTILITIES EXPOSED DURING REQUIRED EXCAVATIONS.
- BACKFILL SHALL BE COMPACTED TO A RELATIVE DENSITY NOT LESS THAN 95% AS DETERMINED BY ASTM D1557, METHOD A.
- ALL STORM DRAINAGE FACILITIES SHALL BE COMPLETED PRIOR TO FINAL ACCEPTANCE.
- SUBSTANTIAL CONCRETE DEBRIS EXISTS ON-SITE, PER SPEC SECTION 109.4.3. THIS MATERIAL MAY BE USED FOR RIP RAP, IF IT MEETS THE REQUIREMENTS OF SPEC 109. THE REMAINING DEBRIS WITHIN THE PROJECT MAY BE BURIED BELOW FINISH GRADE AS PART OF GRADING OPERATION TO RAISE THE ARROYO FLOW LINE. MOVEMENT OF CONCRETE RUBBLE WILL BE PAID UNDER ITEM NO. 601.010. THE CONTRACTOR FOR PROJECT 581491 IS PLACING FILL AND DEBRIS (ESTIMATED AT 4700 CY) IN THIS PROJECT FILL AREA.
- PROJECT 581491 IS UNDER CONSTRUCTION TO PROVIDE IMPROVEMENTS TO THE BEAR ARROYO TRIBUTARY (SEE SHEET 2). THE CONTRACTOR SHALL COORDINATE OPERATIONS WITH THE CONTRACTOR FOR PROJECT 581491. PROJECT 581491 IS SCHEDULED FOR COMPLETION ON 4/7/98.
- BACKFILL IS AVAILABLE FROM THE BEAR CANYON ARROYO WITHIN 0.5 MILE DOWNSTREAM OF STATION 7+00, AS DIRECTED BY ENGINEER.



URS Greiner

5971 JEFFERSON BLVD. NE
SUITE 101
ALBUQUERQUE, NM 87109
(505) 345-3999

UTILITY COMPANY CONTACTS

CITY OF ALBUQUERQUE
(WATER & SANITARY SEWER)
GREG OLSON
PWD/UTILITY DESIGN
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ALBUQUERQUE, NM 87103
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JIM VANN
4201 EDITH BLVD., NE
ALBUQUERQUE, NM 87107
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PNM GAS SERVICES
DEBBIE O'CALLAGHAN
4625 EDITH BLVD., NE
ALBUQUERQUE, NM 87107
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US WEST COMMUNICATIONS
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ALBUQUERQUE, NM 87103
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AT&T
ART MARQUEZ
111 THIRD STREET, NW
ALBUQUERQUE, NM 87103
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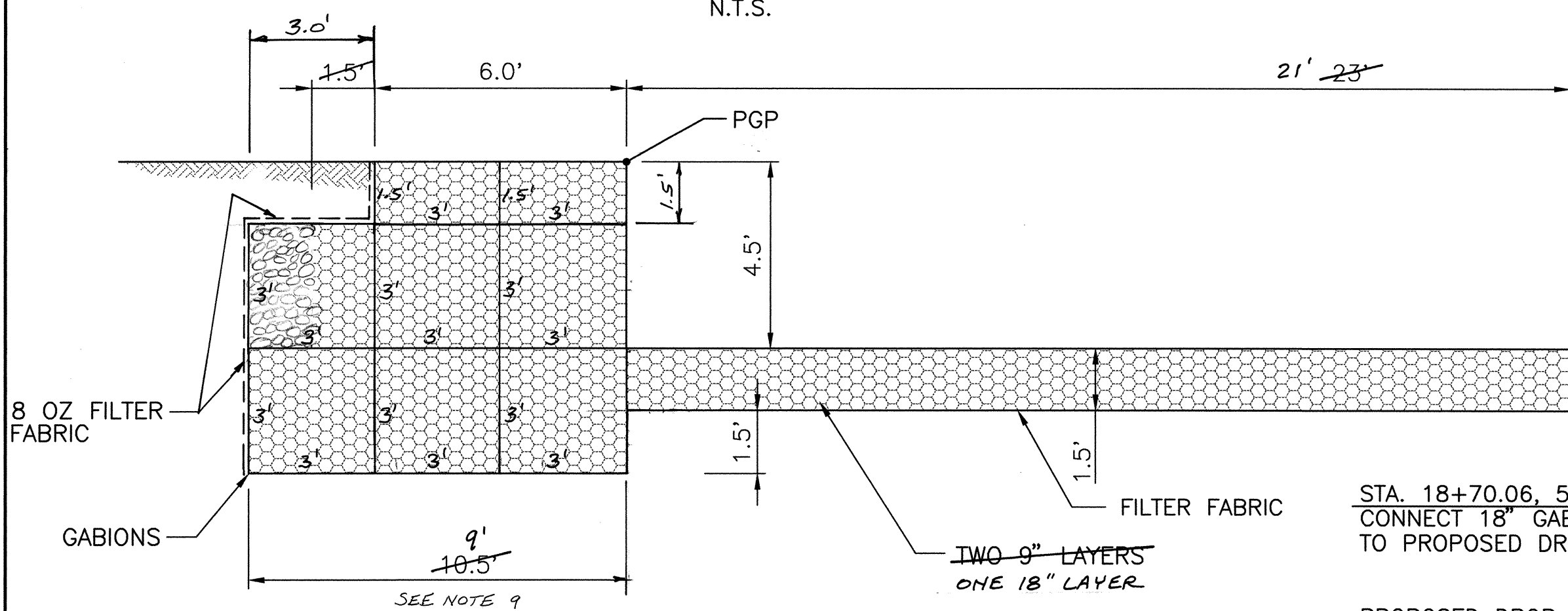
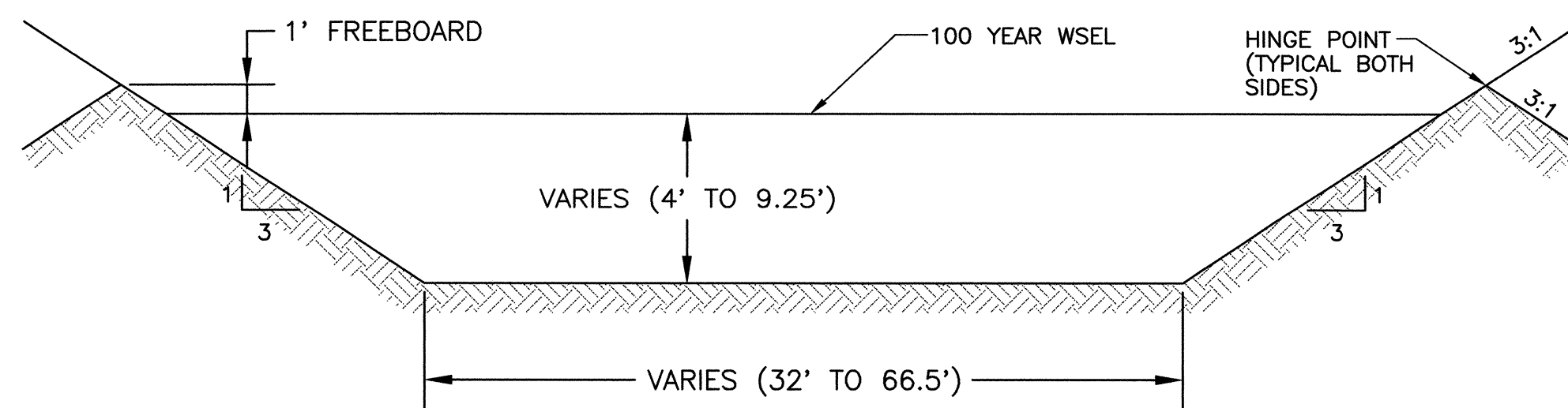
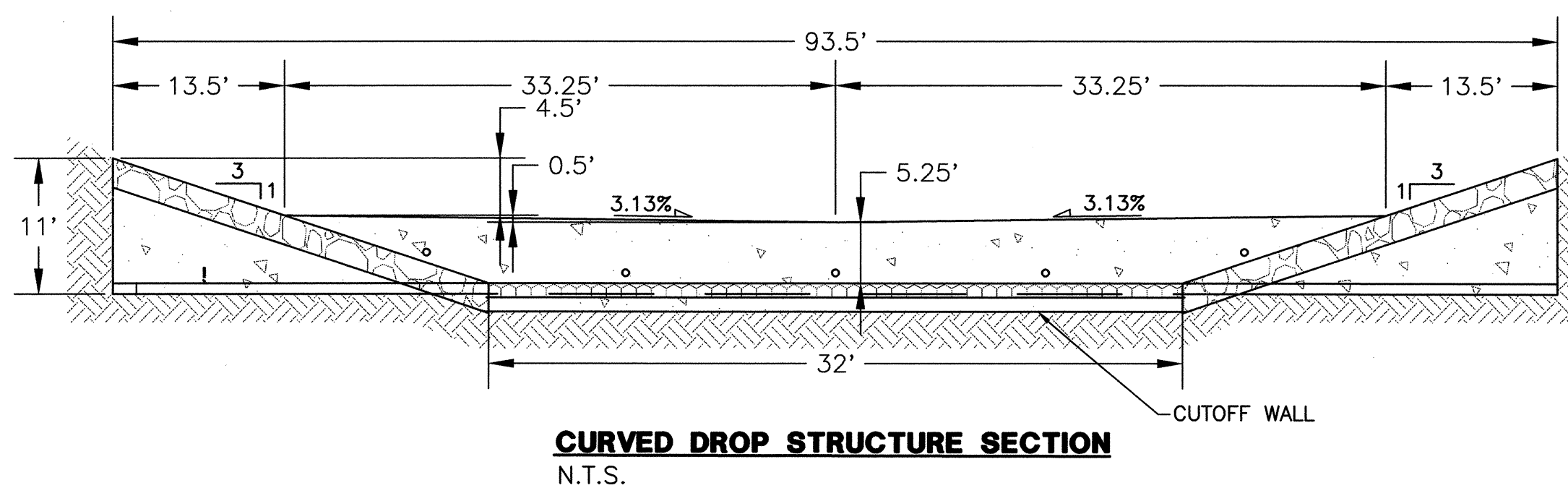
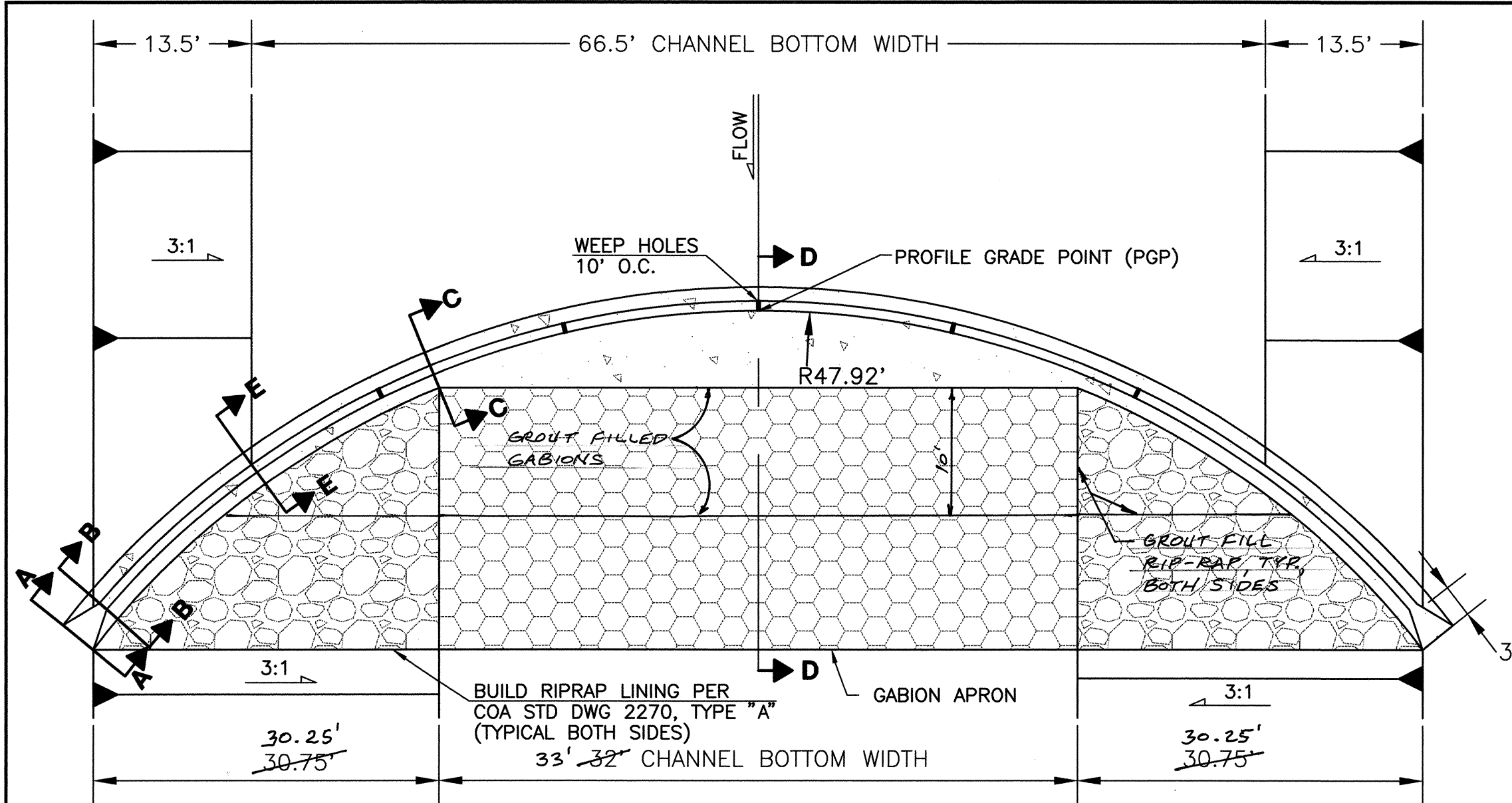
JONES INTERCABLE
KAREN SHORE
4611 MONTBEL PL., NE
P.O. BOX 27138
ALBUQUERQUE, NM 87125-7138
(505) 761-6220

RECORD DRAWINGS

THESE DRAWINGS HAVE BEEN REVISED TO REFLECT AS-CONSTRUCTED CONDITIONS IN ACCORDANCE WITH INFORMATION FURNISHED BY THE CONTRACTOR (DEMENNO CONSTRUCTION) AND THE CITY OF ALBUQUERQUE, WHICH PERFORMED ON-SITE INSPECTION DURING CONSTRUCTION AND CONSTRUCTION SURVEYS.

10/10/98
9-22-98

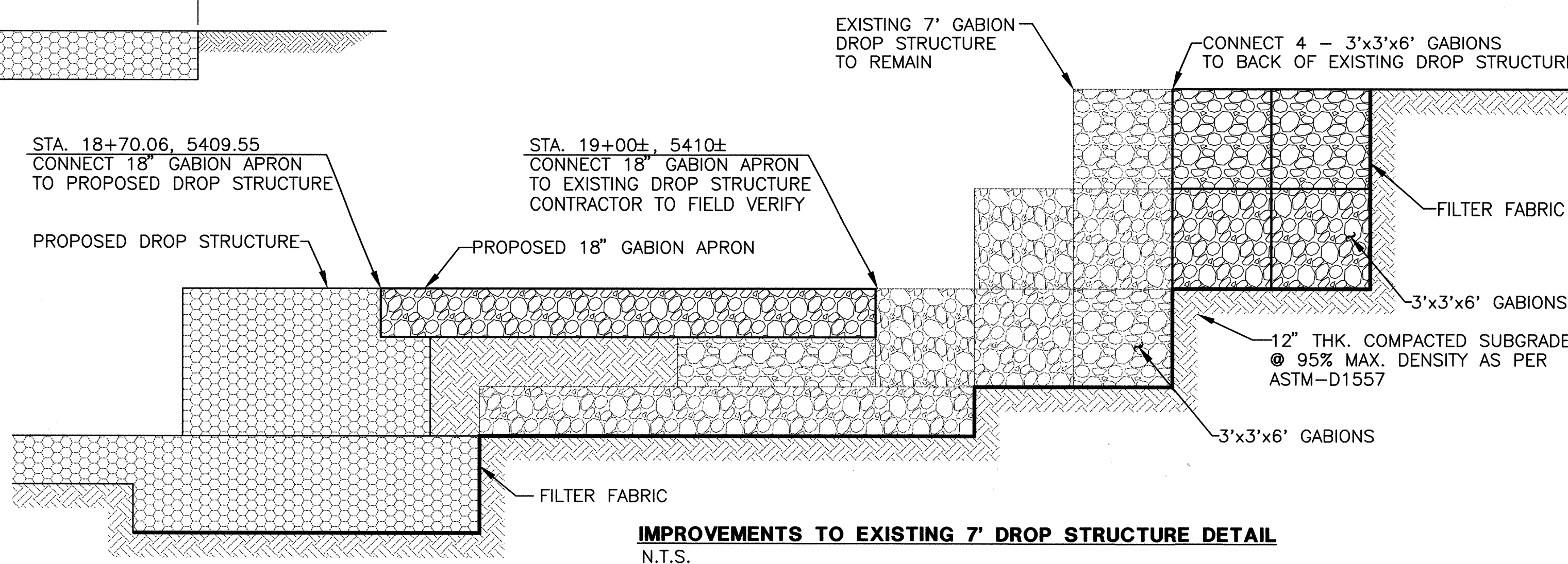
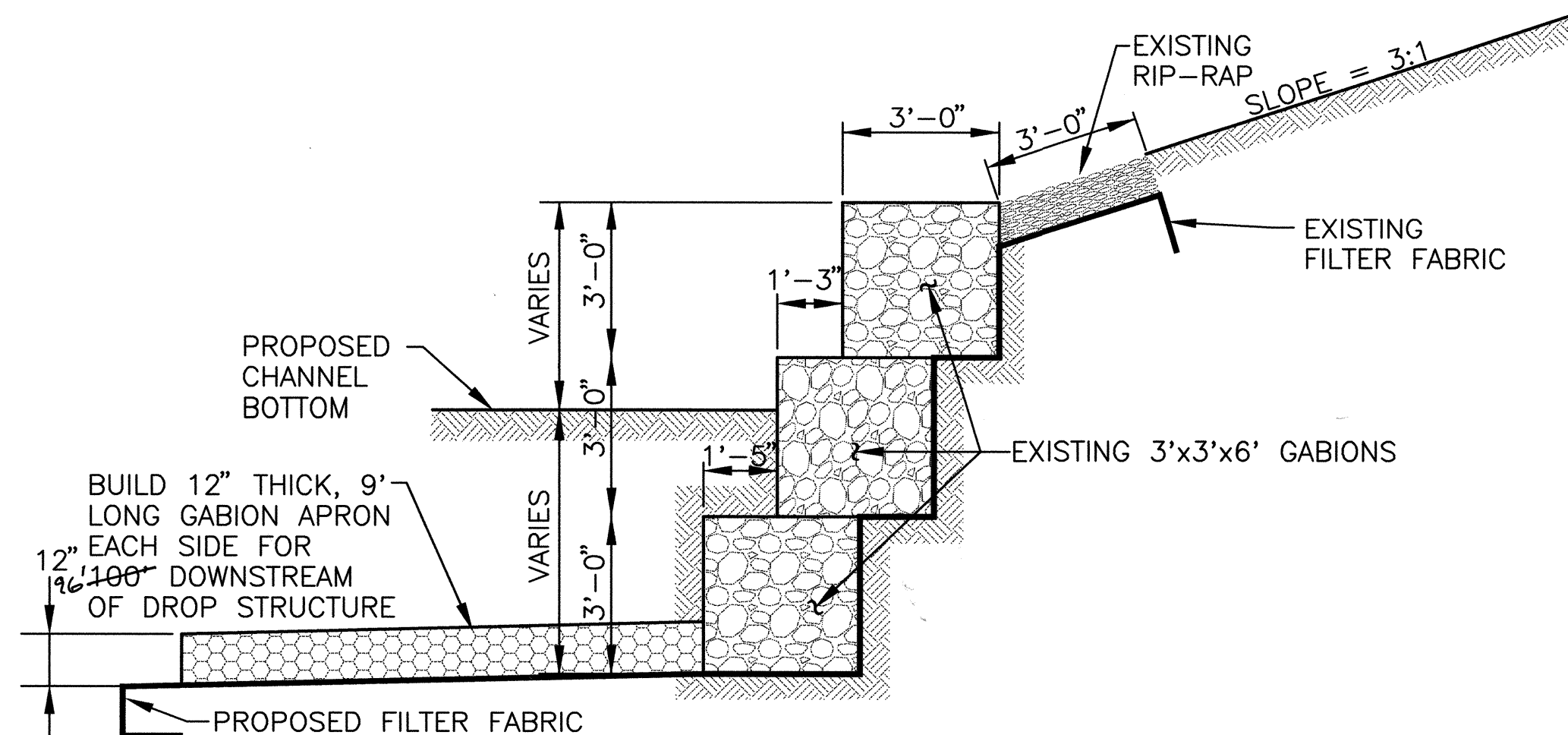
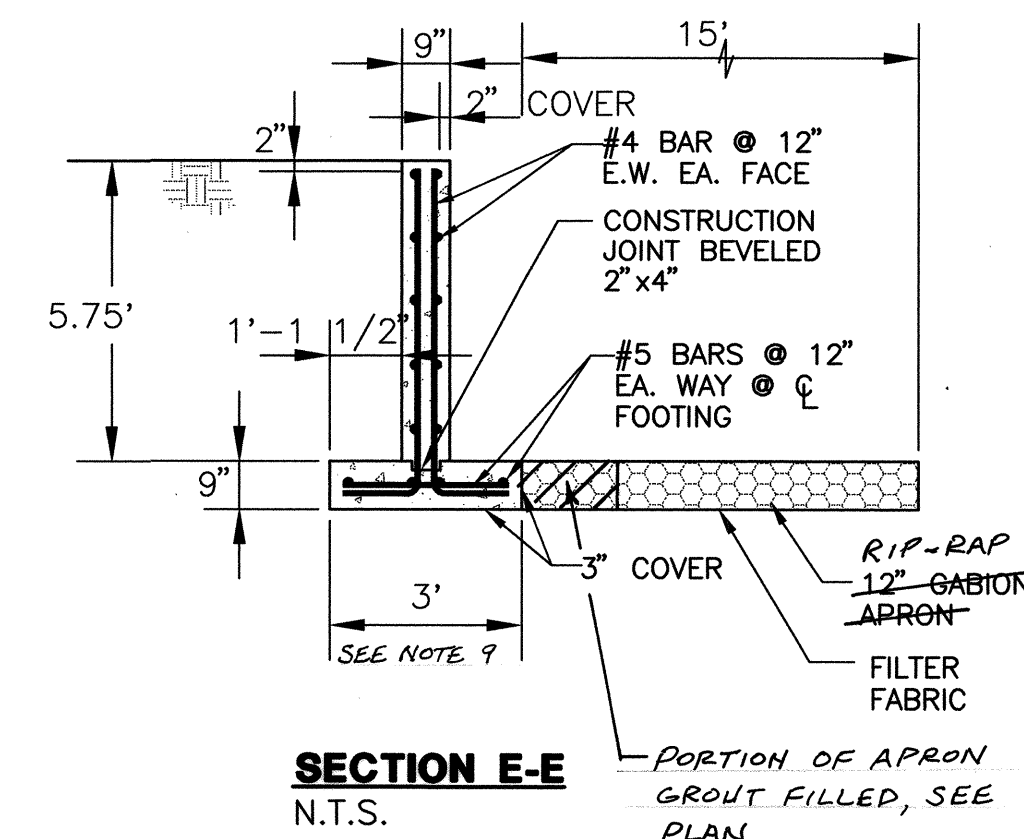
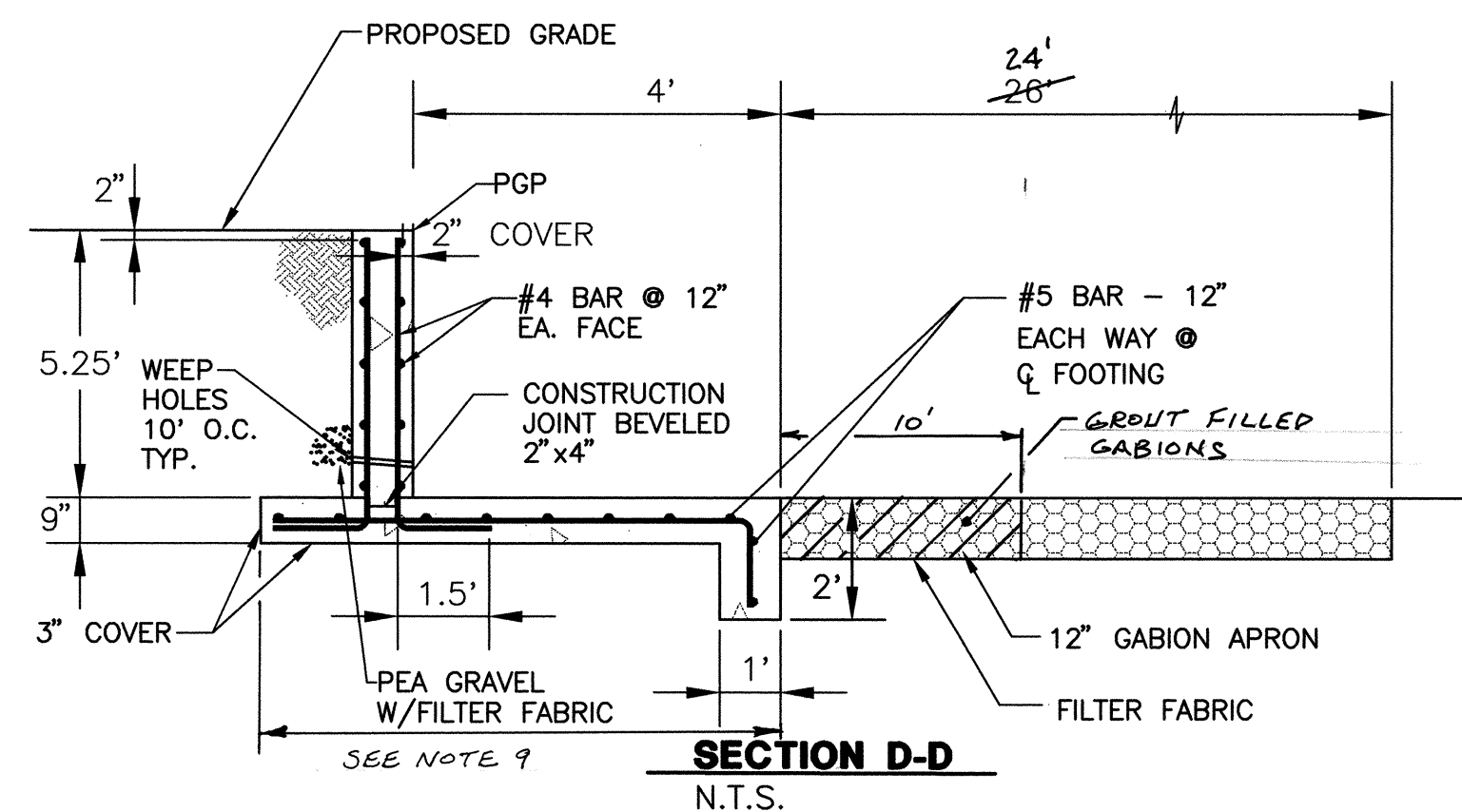
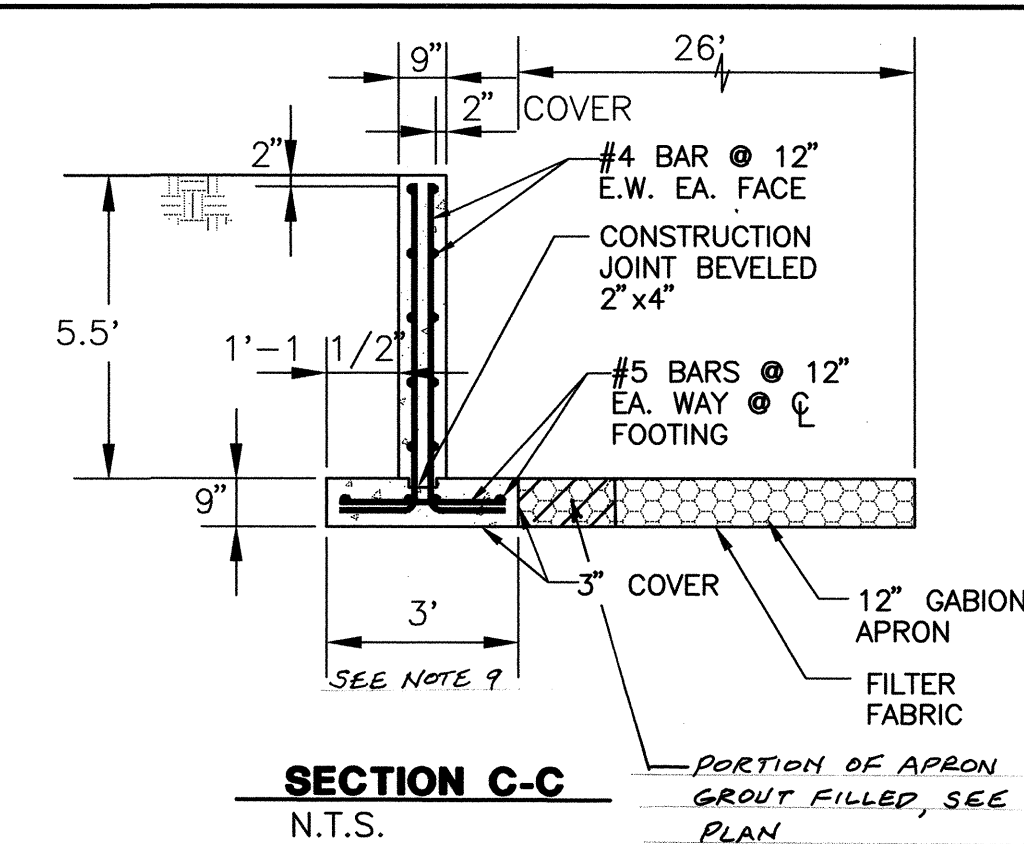
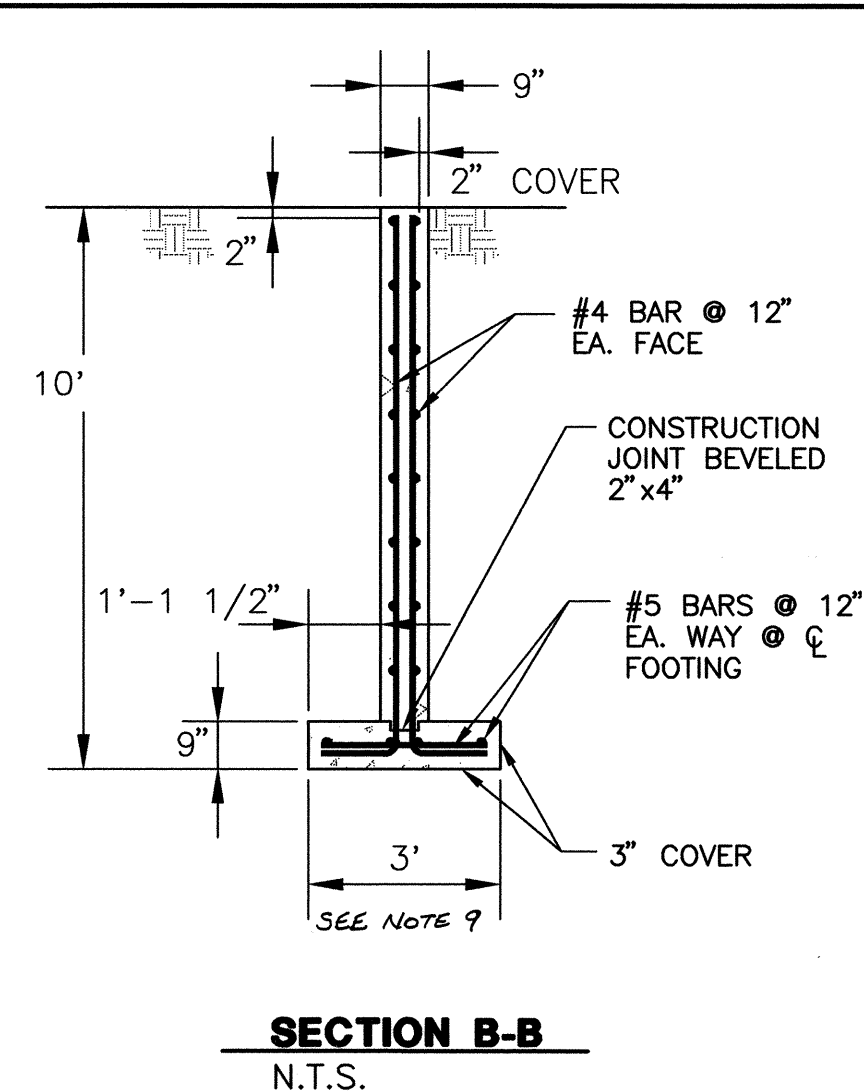
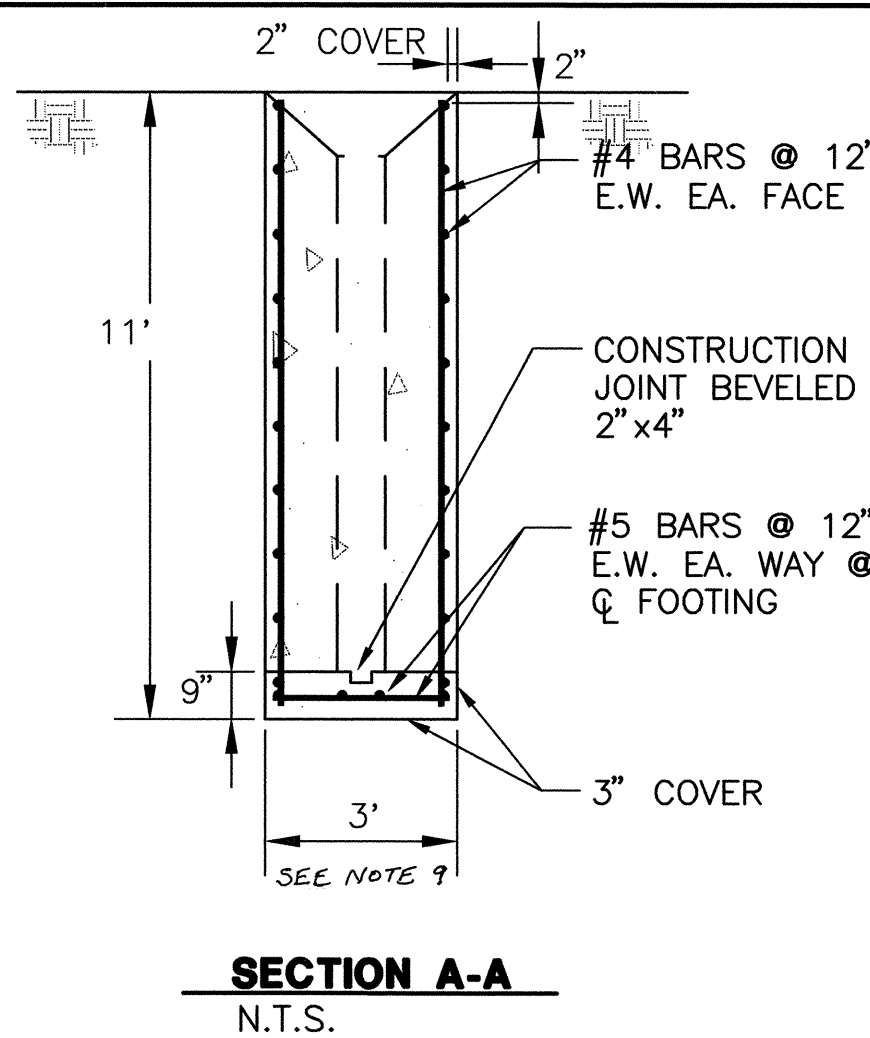
REV.	SHEETS	CITY ENGINEER	DATE	USER DEPARTMENT	DATE	USER DEPARTMENT	DATE
1	1,3						
ENGINEER'S STAMP & SIGNATURE		APPROVALS	ENGINEER	DATE	*****		
		DRC Chairman	Billy G. Sanabaly	1/12/98	APPROVED FOR CONSTRUCTION		
		Transportation		1/12/98			
		Water/Wastewater		1/12/98			
		Hydrology		1/12/98			
		CIP		1/12/98			
		Constr. Mngmt.					
		City Project No. 5273.25			Sheet 1 of 4		



RECORD DRAWINGS

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MM 8/11 9-12-98



CONSTRUCTION NOTES

- ALL CONCRETE SHALL BE 4000 PSI CONCRETE.
- ALL STEEL SHALL BE GRADE 60 DEFORMED BARS.
- ALL STRUCTURES SHALL HAVE 12" THICK SUBGRADE COMPACTED TO A RELATIVE DENSITY NOT LESS THAN 95% AS DETERMINED BY ASTM D 1557, METHOD A.
- CONTRACTOR SHALL PLACE FILTER FABRIC UNDERNEATH ALL RIP RAP, GABION AND MATTRESS STRUCTURES.
- ALL WIRE-ENCLOSED RIPRAP SHALL BE BUILT PER COA STD DWG 2270, TYPE "A", AND COA STANDARD SPECIFICATIONS FOR PUBLIC WORKS. COA STD DWG 2270 DIMENSIONS: A = 0, B = 0, C = 2' AND D VARIES (SEE BUILD NOTES).
- CONTRACTOR SHALL INSTALL GABION DROP STRUCTURES WITHIN EXISTING GABION SIDE-LINED AREA AT LOCATIONS SHOWN ON SHEET C2.
- CONTRACTOR SHALL INSTALL CONCRETE DROP STRUCTURES WITHIN EXISTING EARTH SIDE-LINED AREA AT LOCATIONS SHOWN ON SHEET C2.
- CONTRACTOR SHALL BUILD GABIONS AND RENO MATTRESSES PER MOST CURRENT STANDARD SPECIFICATIONS PROVIDED BY MACCAFERRI GABIONS, INC. (OR APPROVED EQUIVALENT).
- REMOVE CONCRETE RUBBLE BELOW DROP STRUCTURES AS NOTED ON DETAILS.

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CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE: **BEAR CANYON ARROYO IMPROVEMENTS**

DETAIL SHEET

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	MO./DAY/YR.	MO./DAY/YR.
JAN 12 1998			
DESIGN REVIEW COMMITTEE			
CITY PROJECT NO.	ZONE MAP NO.	SHEET	OF
5273.25	F-19	3	4

AS-BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		ENGINEER'S SEAL	
CONTRACTOR	DATE	B.M. 4-F19	DATE	NO.	DATE	NO.	DATE
DEMENNO	8/98	BRASS TABLET LOCATED 0.25 MILES WEST OF WYOMING BLVD. & 0.5' NORTH OF CURB ON OSUNA ROAD. ELEVATION 5403.39	4/10/97	URS GREINER	4/10/97	MARK S. HOLSTAD	12-30-97
COAC SPENCER	8/98			URS GREINER	10/10/97		
COAC SPENCER	8/98			URS GREINER	12/15/97		
URS	9/98	BRASS TABLET LOCATED AT NORTHWEST QUADRANT OF OSUNA RD. & WYOMING BLVD. SET IN TOP OF CONCRETE POST ABOUT 0.2' BELOW T11E T.C. ELEV. 5440.56					
MICRO-FILM INFORMATION							
RECORDED BY	DATE						

