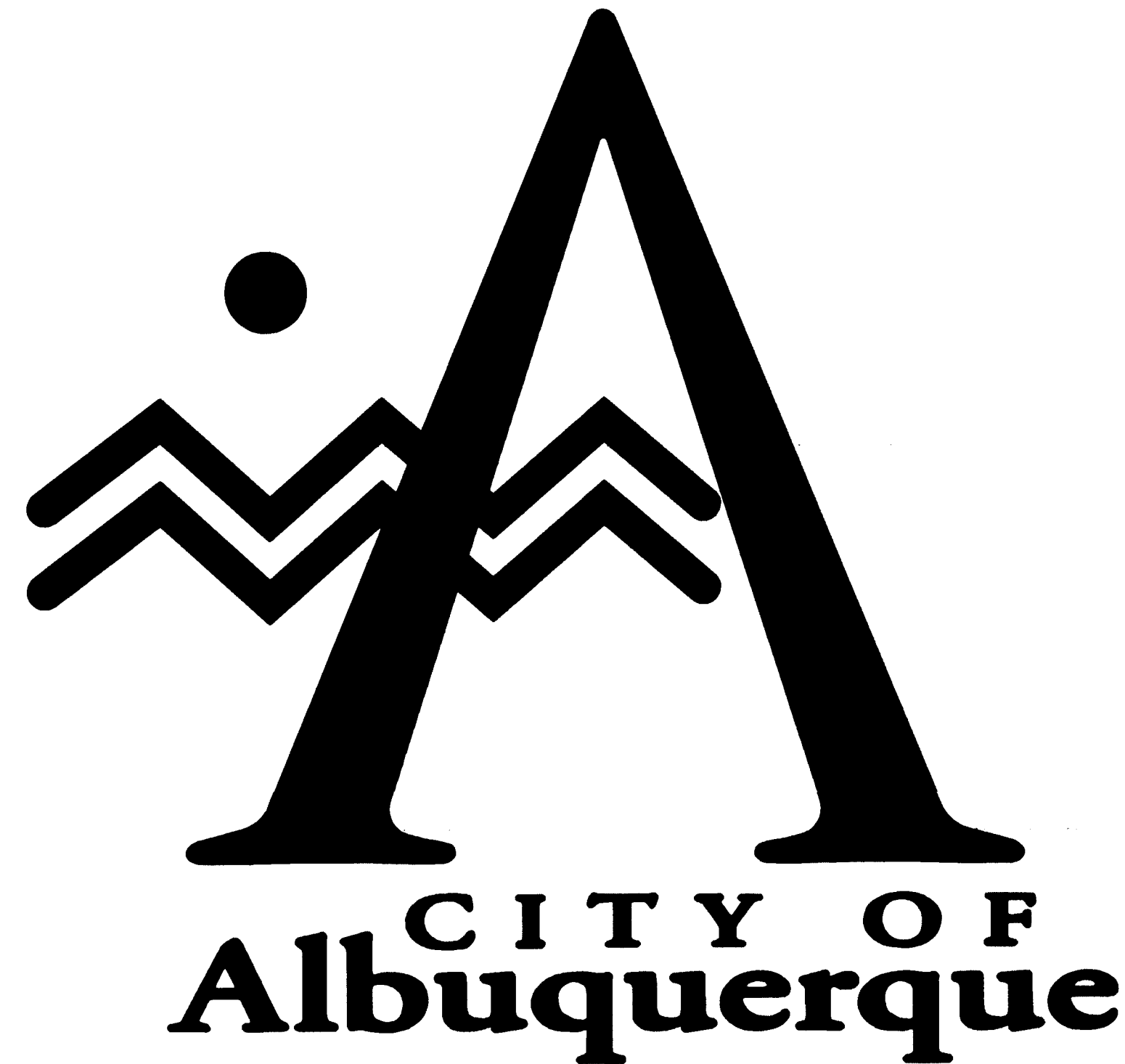
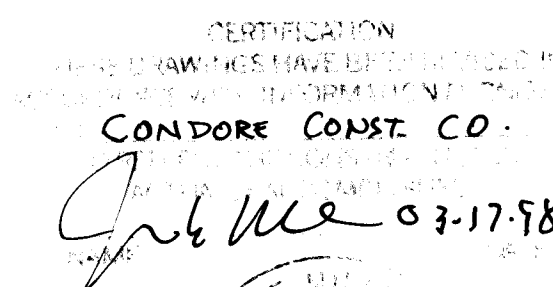
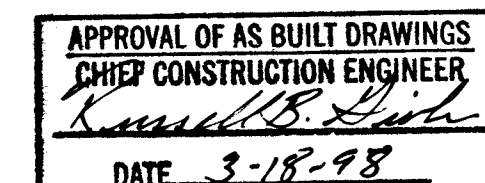




PRAXAIR NITROGEN PLANT SAN DIEGO AVE. NE INFRASTRUCTURE IMPROVEMENTS WATER AND SANITARY SEWER

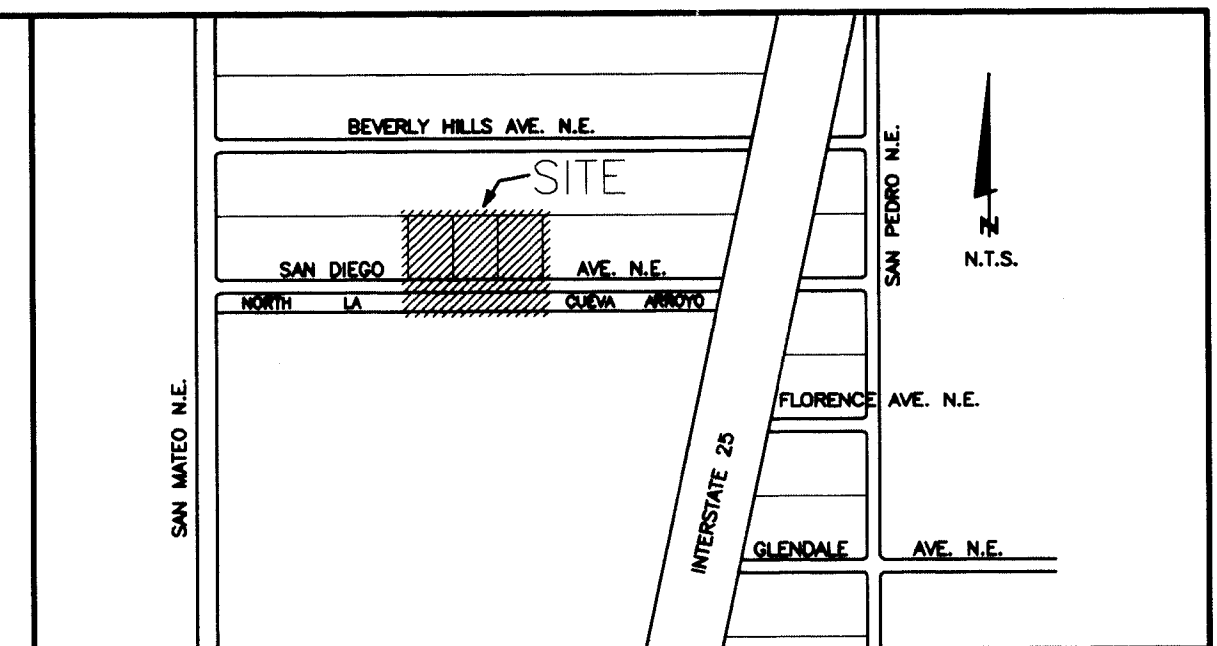
INDEX OF DRAWINGS

SHEET	TITLE
1	TITLE SHEET, INDEX, GENERAL NOTES, LEGEND, AND ABBREVIATIONS
2	PUBLIC WATER, SAS, AND SD INFRASTRUCTURE
3	STORM DRAIN DETAILS



SCANNED BY
BY LASON

DRB NO. 96-526



VICINITY MAP B-18

GENERAL NOTES

- AN EXCAVATION/CONSTRUCTION PERMIT WILL BE REQUIRED BEFORE BEGINNING ANY WORK WITHIN CITY RIGHT-OF-WAY. AN APPROVED COPY OF THESE PLANS MUST BE SUBMITTED AT THE TIME OF APPLICATION FOR THIS PERMIT.
- ALL WORK DETAILED ON THESE PLANS TO BE PERFORMED, EXCEPT AS OTHERWISE STATED OR PROVIDED HEREON, SHALL BE CONSTRUCTED IN ACCORDANCE WITH CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1986 EDITION AS REVISED THROUGH UPDATE #6.
- TWO 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 PERTINENT EXISTING UTILITIES. SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE ENGINEER SO THAT THE CONFLICT CAN BE RESOLVED WITH A MINIMUM AMOUNT OF DELAY.
- FIVE WORKING DAYS PRIOR TO BEGINNING CONSTRUCTION THE CONTRACTOR SHALL SUBMIT TO THE CONSTRUCTION COORDINATION DIVISION A DETAILED CONSTRUCTION SCHEDULE. TWO WORKING DAYS PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL OBTAIN A BARRICADING PERMIT FROM THE CONSTRUCTION COORDINATION DIVISION. CONTRACTOR SHALL NOTIFY BARRICADE ENGINEER (765-2551) PRIOR TO OCCUPYING PUBLIC RIGHT-OF-WAY. SEE SECTION 19 OF THE SPECIFICATIONS.
- ALL STREET STRIPING ALTERED OR DESTROYED SHALL BE REPLACED WITH PLASTIC REFLECTORIZED PAVEMENT MARKINGS BY CONTRACTOR TO LOCATION AS EXISTING OR AS INDICATED BY THIS PLAN SET.
- CONTRACTOR SHALL COORDINATE WITH WATER SYSTEMS DIVISION (857-8200) FIVE WORKING DAYS IN ADVANCE OF ANY WORK THAT MAY AFFECT EXISTING PUBLIC WATER OR SEWER UTILITIES.
- EXISTING VALVES TO BE OPERATED BY CITY PERSONNEL ONLY. CONTRACTOR SHALL CONTACT THE WATER SYSTEMS DIVISION (857-8200) THREE DAYS PRIOR TO NEEDING VALVES TURNED ON OR OFF.
- CONTRACTOR SHALL RECORD DATA ON ALL UTILITY LINES AND ACCESSORIES AS REQUIRED BY THE CITY OF ALBUQUERQUE FOR THE PREPARATION OF "AS CONSTRUCTED" DRAWINGS. CONTRACTOR SHALL NOT COVER UTILITY LINES AND ACCESSORIES UNTIL ALL DATA HAS BEEN RECORDED.
- CONTRACTOR SHALL NOTIFY THE ENGINEER NOT LESS THAN SEVEN (7) DAYS PRIOR TO STARTING WORK IN ORDER THAT THE CITY SURVEYOR MAY TAKE NECESSARY MEASURES TO INSURE THE PRESERVATION OF SURVEY MONUMENTS. CONTRACTOR SHALL NOT DISTURB PERMANENT SURVEY MONUMENTS WITHOUT THE CONSENT OF THE CITY SURVEYOR AND SHALL NOTIFY THE CITY SURVEYOR AND BEAR THE EXPENSE OF REPLACING ANY THAT MAY BE DISTURBED.
- ANY WORK OCCURRING WITHIN AN ARTERIAL ROADWAY REQUIRES 24 HOURS CONSTRUCTION.

LEGEND

DESCRIPTION	EXISTING	NEW
ASPHALT		
DEMOLITION		
ASPHALT CURB		
PROPERTY LINE		
CONSTRUCTION BASE LINE		

ABBREVIATIONS

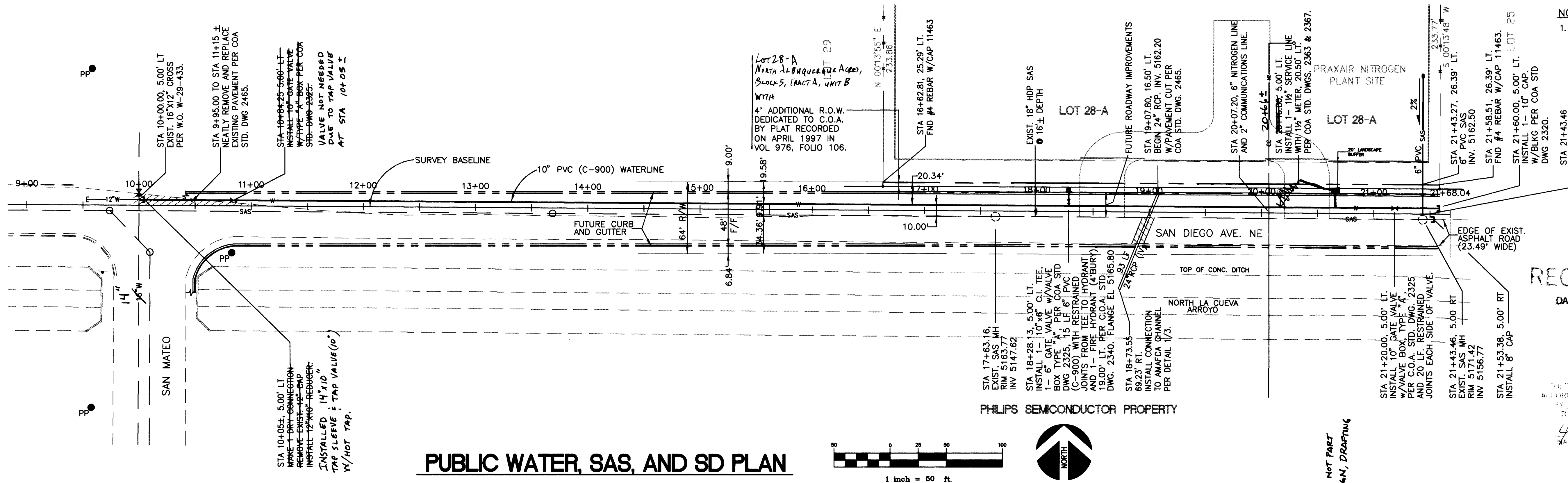
LF = LINEAR FEET	STA = STATION
L = LEFT	RAD. = RADIUS
R = RIGHT	TYP. = TYPICAL
TC = TOP OF CURB	PC = POINT OF CURVATURE
FL = FLOWLINE	PT = POINT OF TANGENT
EXIST = EXISTING	TA = TOP OF ASPHALT



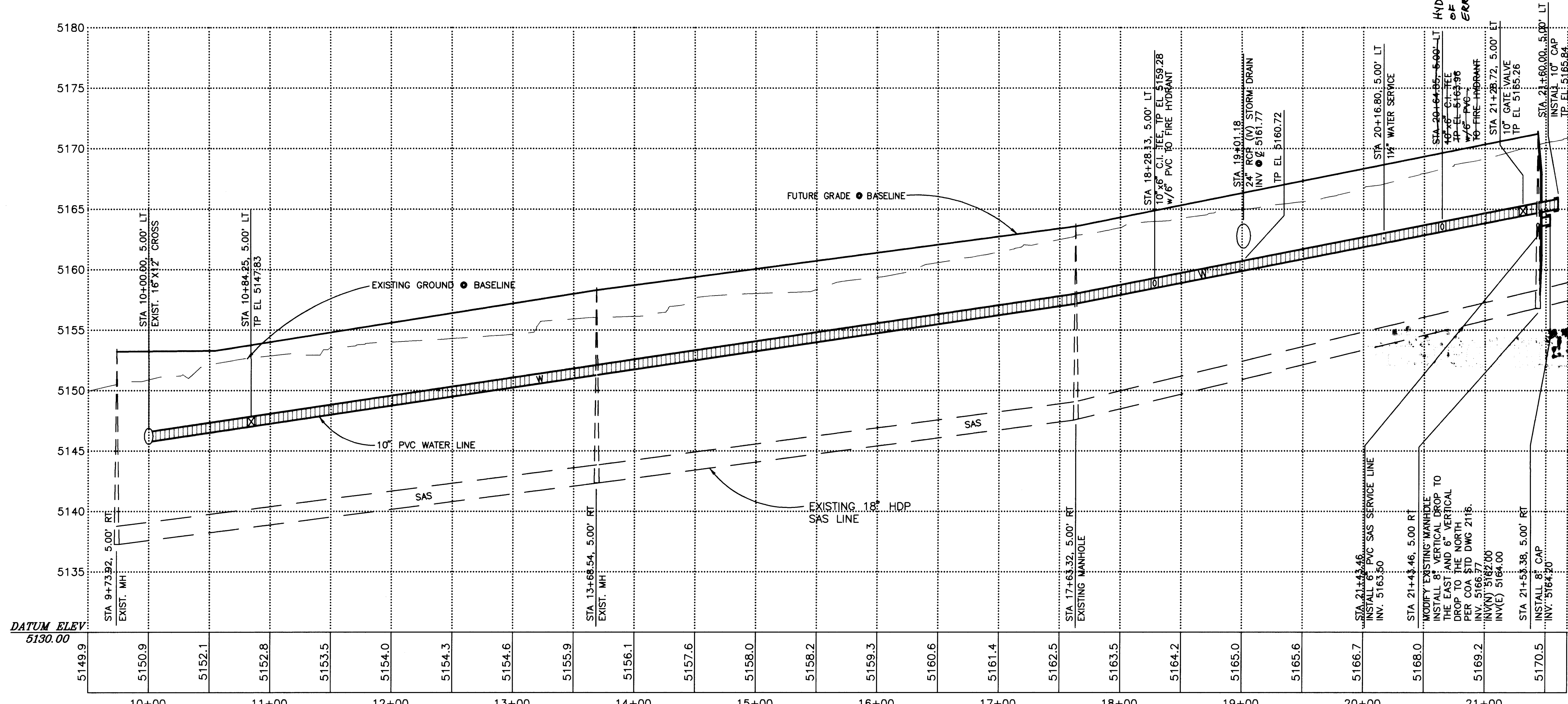
5639 JEFFERSON STREET N.E. • ALBUQUERQUE, NEW MEXICO 87109
PHONE (505) 344-4080 • FAX (505) 343-8759

26-55981.01 01/98

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PUBLIC WATER, SAS, AND SD PLAN



PUBLIC WATER, SAS, AND SD PROFILE

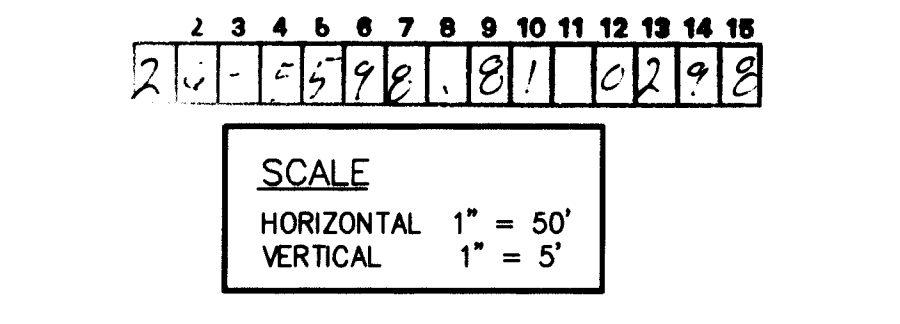
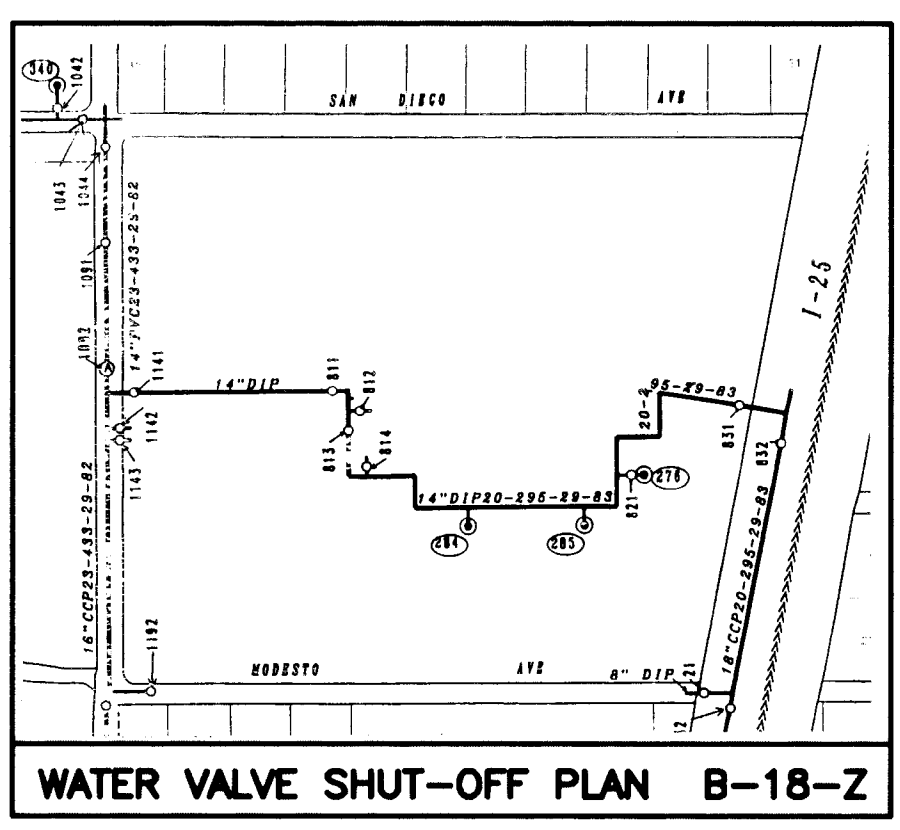
- NOTES**
1. A LICENSE AGREEMENT WITH AMAFCA HAS BEEN OBTAINED FOR PENETRATING THE AMAFCA CHANNEL. ALL WORK IN THE AMAFCA R/W SHALL CONFORM WITH THAT AGREEMENT.

RECORD DRAWING
DATE: 3/17/1998

CERTIFICATION
THESE DRAWINGS HAVE BEEN PREPARED IN
ACCORDANCE WITH THE PROFESSIONAL ENGINEERING
AND SURVEYING ACTS OF THE STATE OF NEW MEXICO
AND I HEREBY CERTIFY THAT I AM A LICENSED
PROFESSIONAL ENGINEER.
John G. Muller 03/17/98
NAME

WATER SHUTOFF REQUIREMENTS:
THE CONTRACTOR SHALL BE RESPONSIBLE FOR TIMING
AND COORDINATION OF WATER SHUTOFF. AT LEAST
FIVE (5) WORKING DAYS PRIOR TO CONSTRUCTION,
CONTRACTOR SHALL CONTACT THE WATER SYSTEMS
DIVISION, 857-8200, TO INITIATE IMPLEMENTATION OF
THE NON-PRESSURIZED CONNECTION PLAN. IN ORDER
TO COMPLETE THIS CONNECTION, THE FOLLOWING
PERSONNEL:

VALVES TO CLOSE: "1043" AND "1044"



CHAVEZ • GRIEVES
CONSULTING ENGINEERS, INC.
5639 JEFFERSON STREET, N.E. • ALBUQUERQUE, NEW MEXICO 87109
PHONE (505) 344-4080 • FAX (505) 343-8759

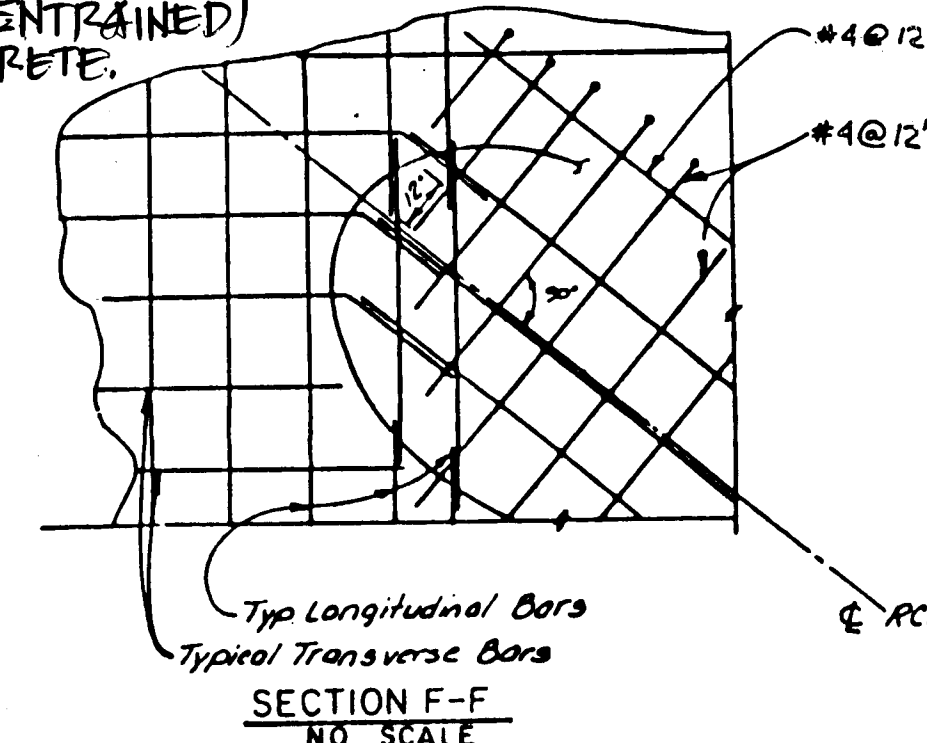
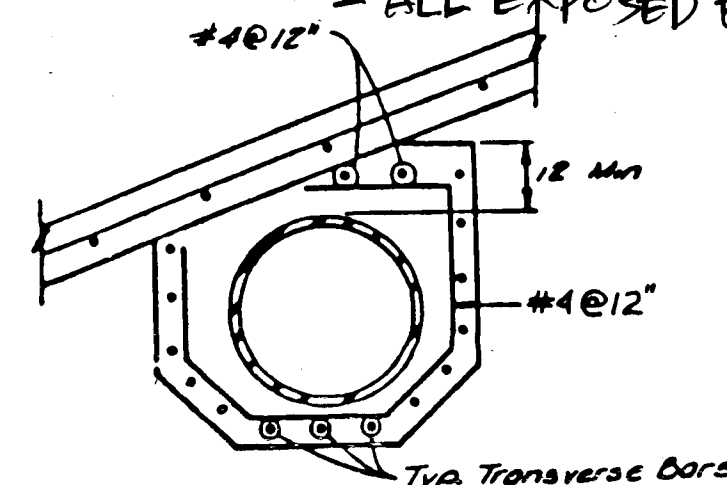
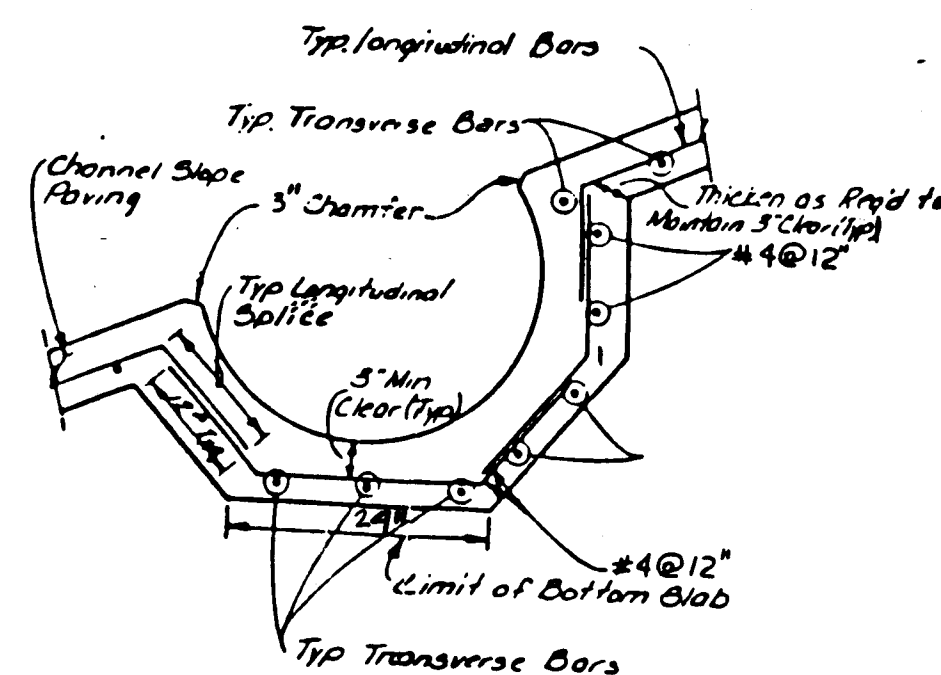
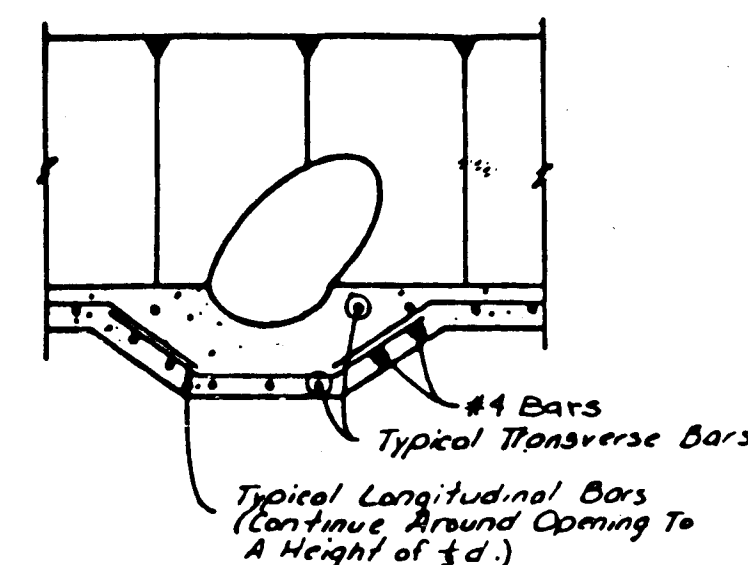
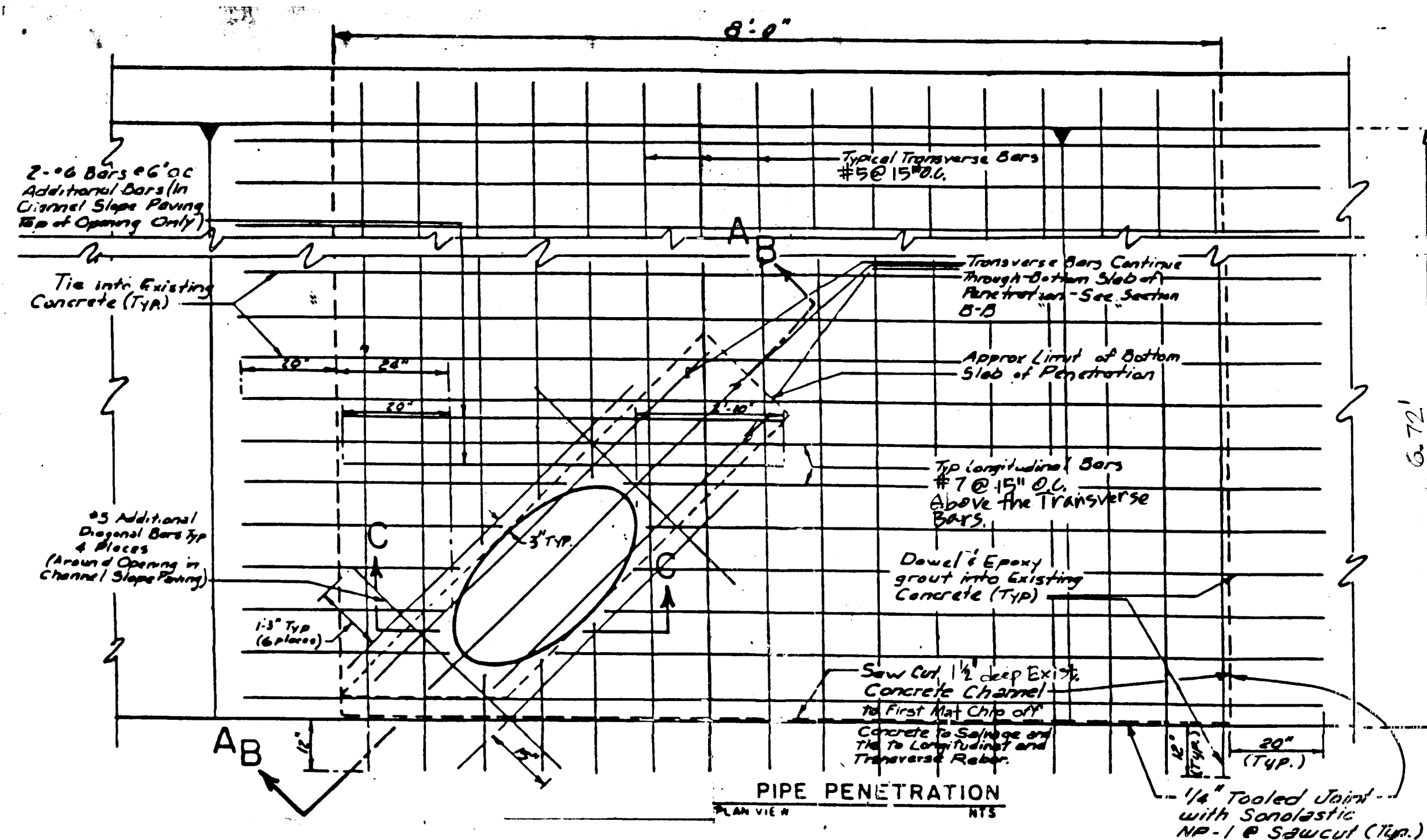
CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

**TITLE: PRAXAIR NITROGEN PLANT
PUBLIC WATER, SAS, AND SD INFRASTRUCTURE**

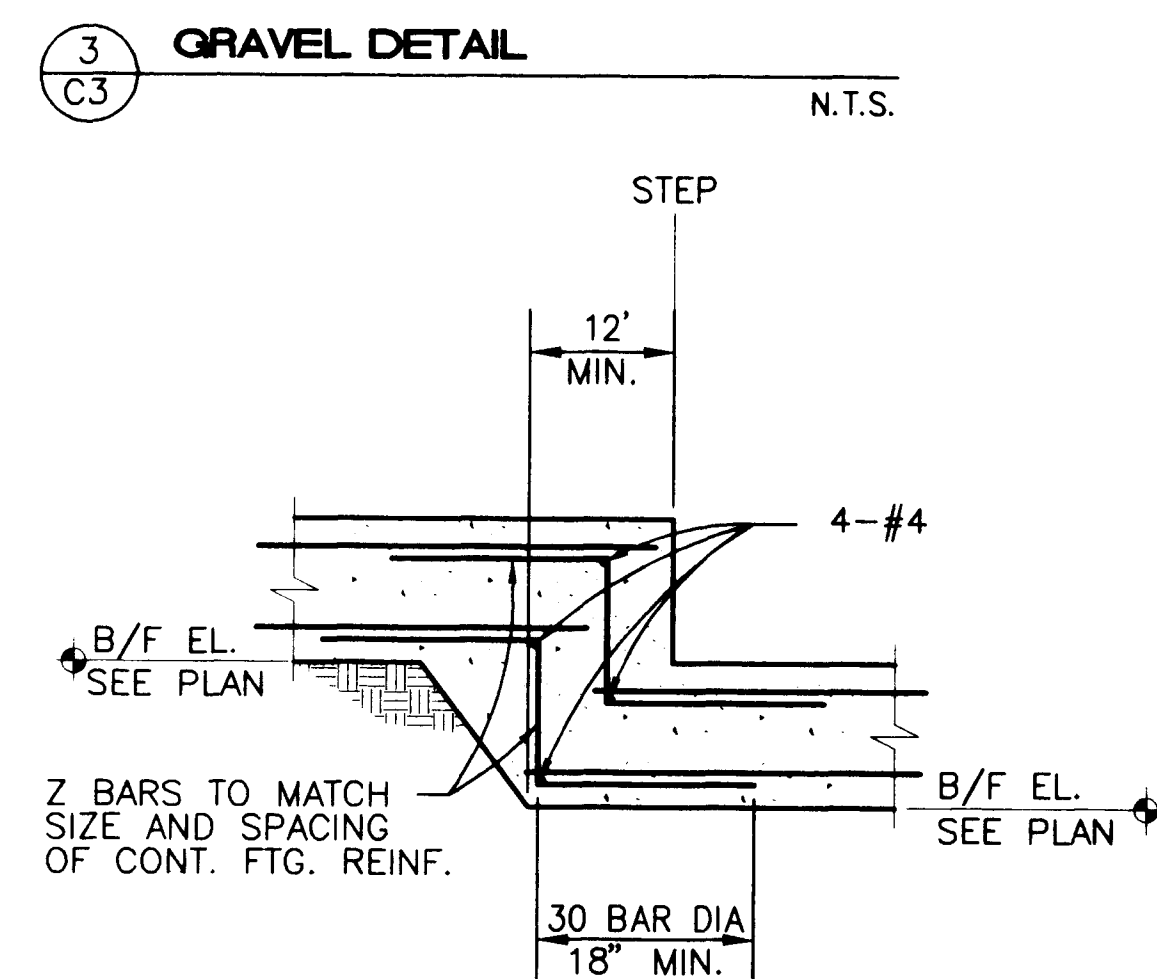
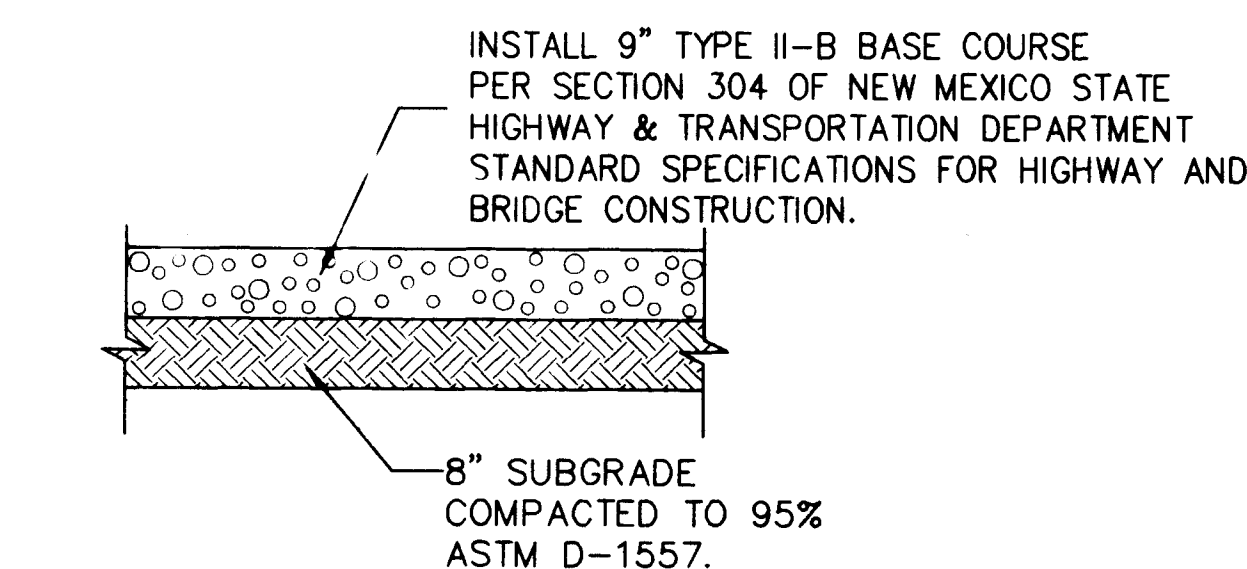
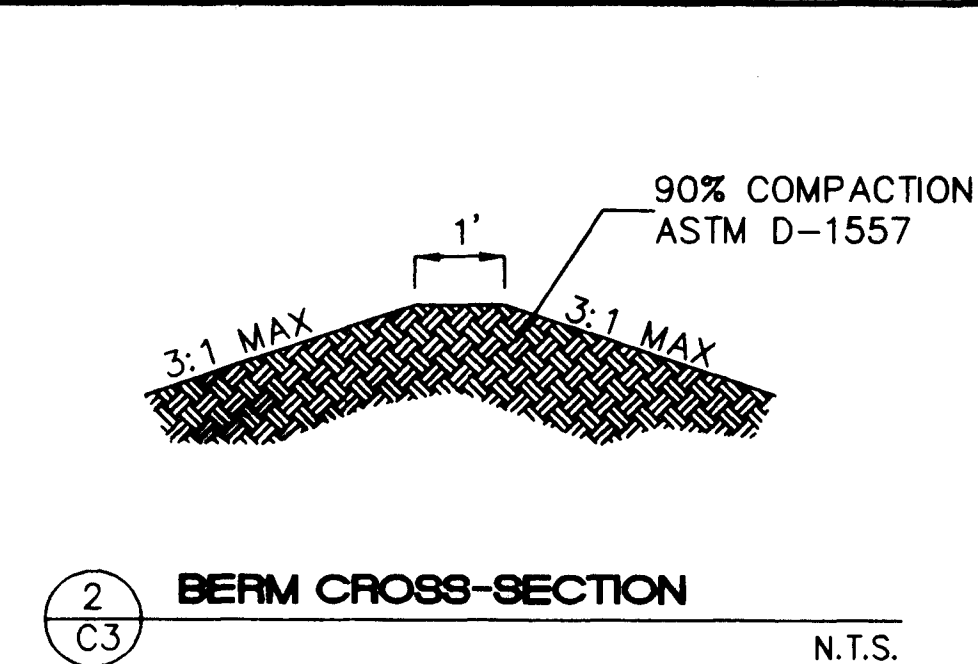
Design Review Committee	City Engineer Approval	No./Day/Yr.	No./Day/Yr.
APPROVED			
DESIGN REVIEW COMMITTEE			

City Project No. 559881
Zone Map No. B-18
Sheet 2 of 3

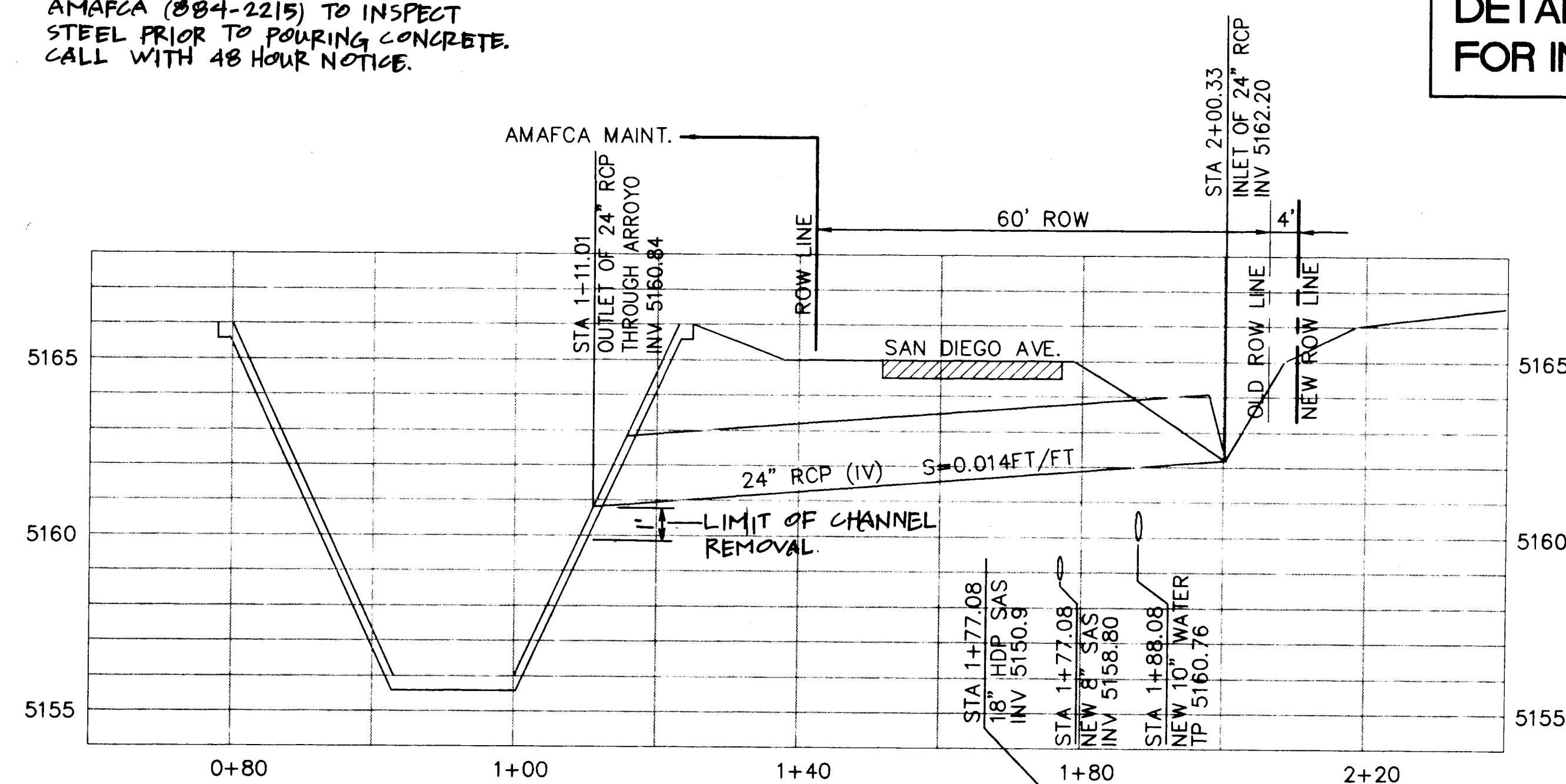
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NO.	DATE	STANDARD	MINISC BRASS TABLET STAMPED	CONTRACTOR	CONDOR CONST. CO.
CLINT SHERILL & ASSOCIATES.		"MINISC 125-11, 1969"	ELEV. 5206.936 (SLD 1929)	WORK BY	CLINT SHERILL DATE 12/04/97
				INSPECTION	INSPECTION DATE 11/16/97
				ACCEPTANCE BY	ACCEPTANCE BY DATE 11/16/97
				VERIFICATION BY	VERIFICATION BY DATE 11/16/97
				DRAWINGS	DRAWINGS DATE 11/16/97
				CHECKED BY	CHECKED BY DATE 11/16/97
				MICRO-FILM INFORMATION	MICRO-FILM INFORMATION
				RECORDED BY	RECORDED BY
				DATE	DATE



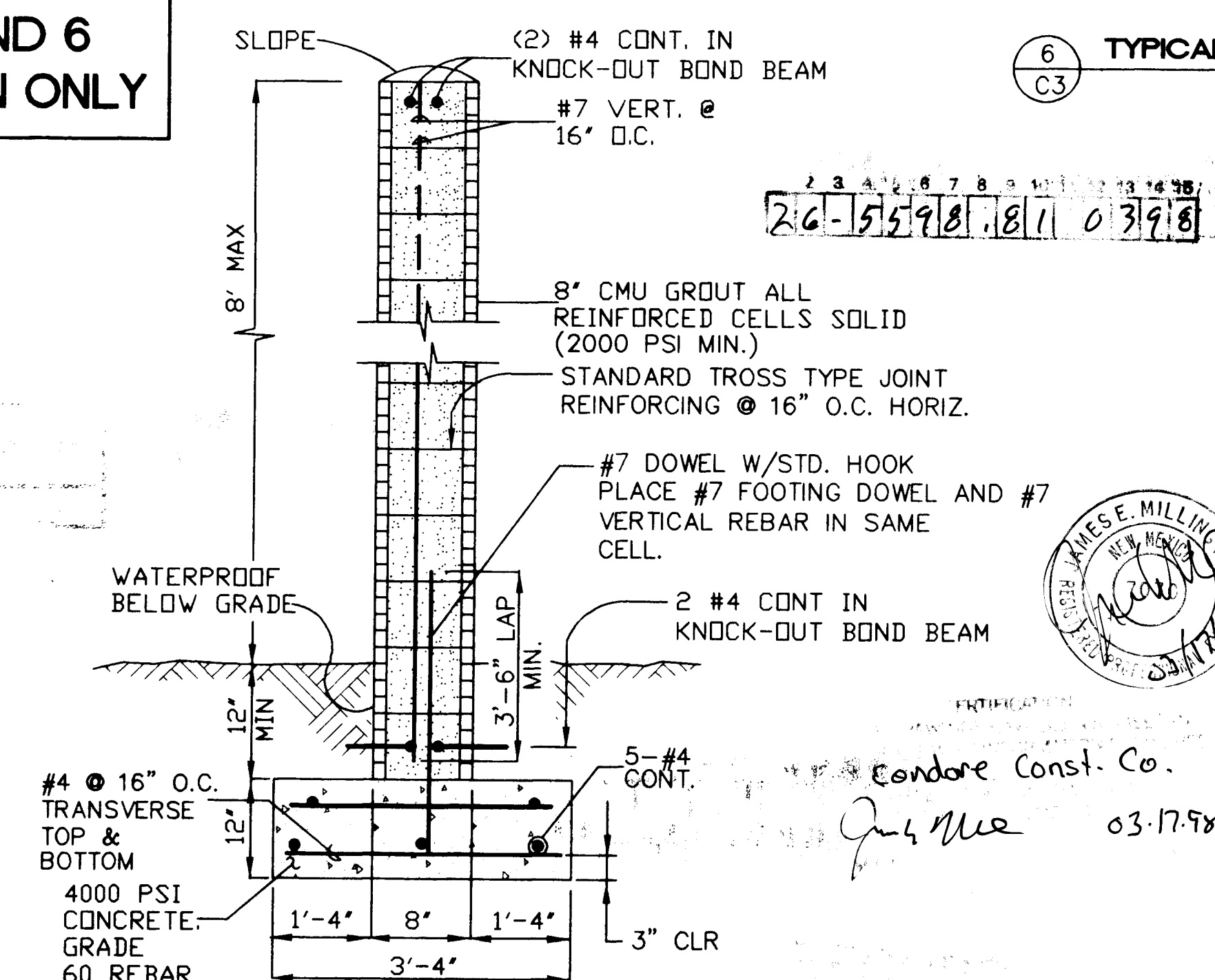
NOTE
ALL CONCRETE SHALL CONFORM TO THE SPECIFICATIONS FOR STRUCTURAL CONCRETE, ACI 301-89.
NORMAL WEIGHT CONCRETE: 25% FLYASH BY WEIGHT
FC = 4000 PSI @ 28 DAYS (AIR ENTRAINED)
- ALL EXPOSED EXTERIOR CONCRETE.



NOTE:
AMAFCA (884-2215) TO INSPECT
STEEL PRIOR TO POURING CONCRETE.
CALL WITH 48 HOUR NOTICE.



**DETAILS 2, 3, 5 AND 6
FOR INFORMATION ONLY**



CHANNEL CONNECTION ONLY
APPROVED BY
John Kelly
AMAFCA
9/29/97
DATE



CHAVEZ • GRIEVES
CONSULTING ENGINEERS, INC.

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE: PRAXAIR NITROGEN PLANT
STORM DRAIN DETAILS

Design Review Committee	City Engineer Approval	Date	Mo./Day/Yr.
APPROVED			

	Design Upon	_____ _____ _____
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[illegible]

J E	
M ENT	
G ROUP	
E N PLANT	
D ETAILS	
No./Day/Yr.	No./Day/Yr.
S e. Sheet	B y
3	3
SHEET C3	