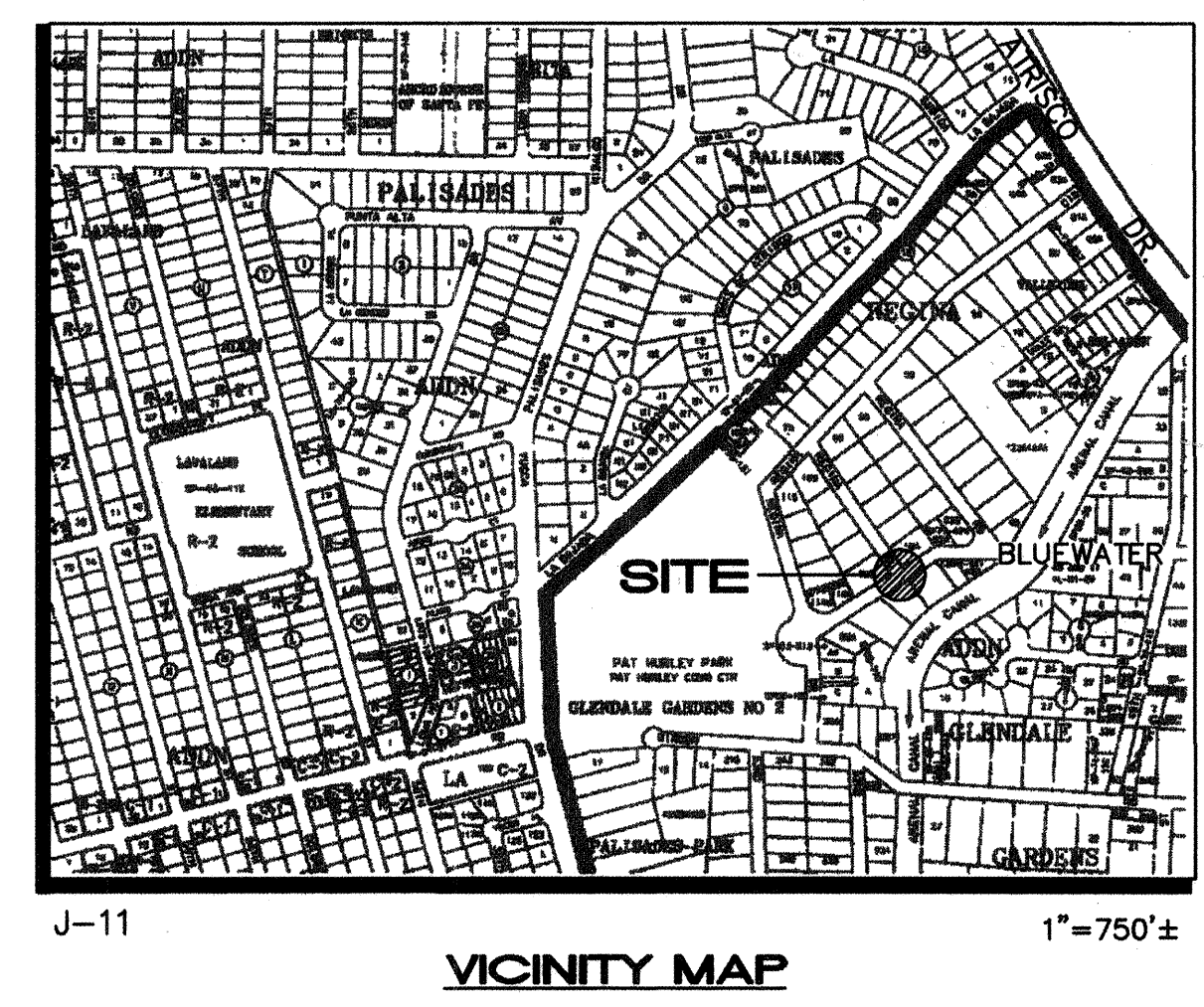


CONSTRUCTION PLANS
FOR
BLUEWATER/REGINA PLACE STORM DRAIN INLET
PUBLIC WORKS DEPARTMENT
CITY OF ALBUQUERQUE



INDEX TO DRAWINGS

SHEET NO.	TITLE
1	COVER SHEET
2	STORM DRAIN INLET & VALLEY GUTTER PLAN

GENERAL NOTES

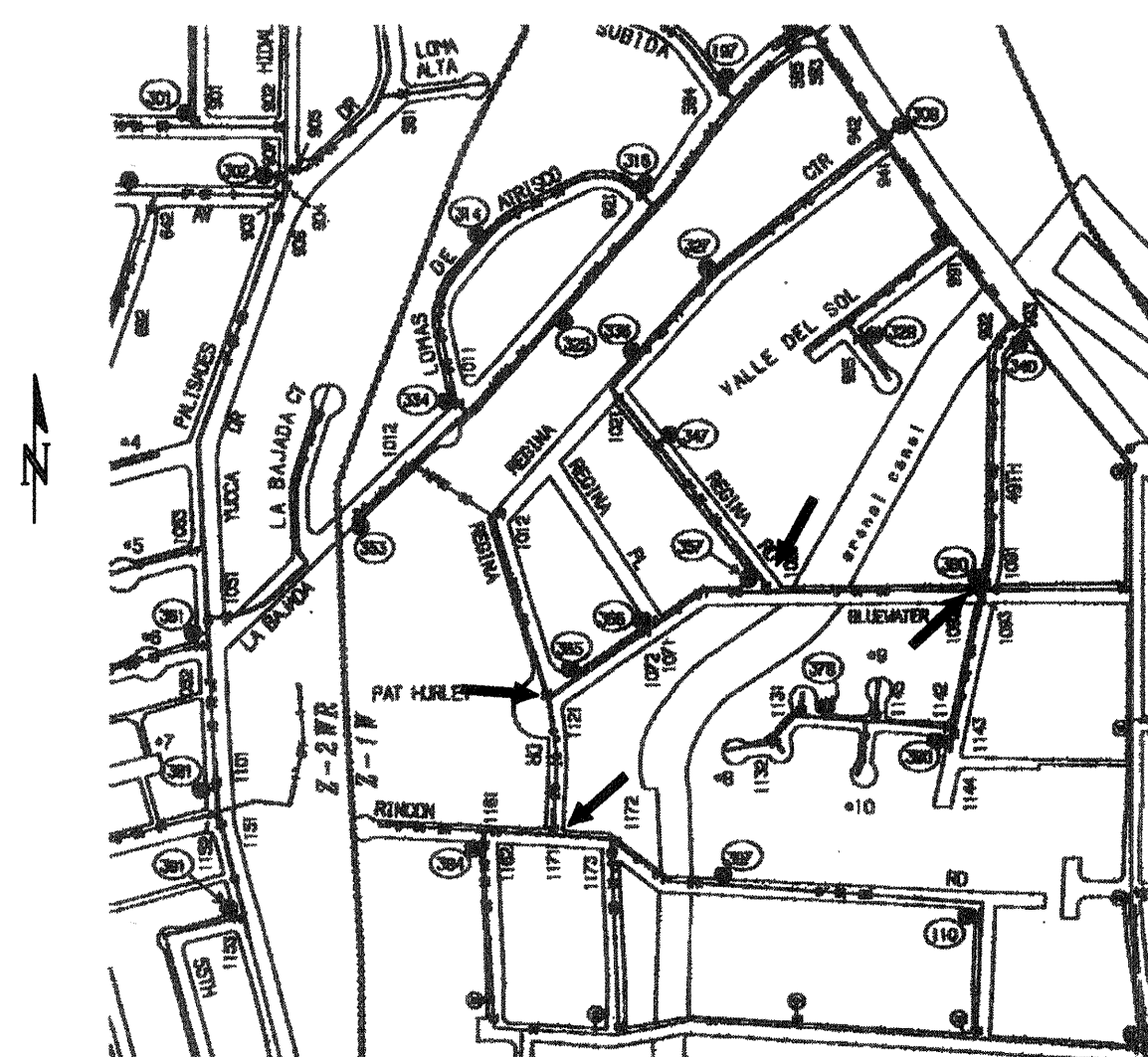
- ALL WORK DETAILED ON THESE PLANS TO BE PERFORMED UNDER CONTRACT SHALL, EXCEPT AS OTHERWISE STATED OR PROVIDED FOR HEREON, BE CONSTRUCTED IN ACCORDANCE WITH THE CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION 1986 EDITION AS AMENDED WITH UPDATE NO. 6.
- ALL WORK ON THIS PROJECT SHALL BE PERFORMED IN ACCORDANCE WITH APPLICABLE FEDERAL, STATE, AND LOCAL LAWS, RULES, AND REGULATIONS CONCERNING CONSTRUCTION SAFETY AND HEALTH.
- PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE & 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 DELAY.
- TWO (2) WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT LINE LOCATING SERVICE © 260-1990 FOR LOCATION OF EXISTING UTILITIES.
- CONTRACTOR SHALL CONDUCT HIS OPERATIONS IN A MANNER WHICH WILL MINIMIZE INTERFERENCE WITH LOCAL TRAFFIC. CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE LAWS, ORDINANCES, RULES, REGULATIONS, AND ORDERS OF ANY PUBLIC BODY HAVING JURISDICTION FOR THE SAFETY OF PERSONS OR PROPERTY, AND TO PROTECT THEM FROM DAMAGE, INJURY, OR LOSS. CONTRACTOR SHALL ERECT AND MAINTAIN, AS REQUIRED BY THE CONDITIONS AND PROGRESS OF THE WORK, ALL NECESSARY SAFEGUARDS FOR SAFETY CONTINUOUSLY AND NOT LIMITED TO NORMAL WORKING HOURS, THROUGHOUT THE DURATION OF THE PROJECT. CONTRACTOR SHALL ADHERE TO SECTION 19 OF THE GENERAL CONDITIONS OF THE CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1986, AS AMENDED WITH UPDATE NO. 6.
- THE CONTRACTOR AGREES THAT HE SHALL ASSUME THE SOLE AND COMPLETE RESPONSIBILITY FOR THE JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY; THAT THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS; AND THAT THE CONTRACTOR SHALL DEFEND, INDEMNIFY, AND HOLD HARMLESS THE OWNER & ENGINEER FROM ANY AND ALL LIABILITY REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF THE OWNER OR ENGINEER.
- TRAFFIC CONTROL: 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 ENGINEER (768-2551) PRIOR TO OCCUPYING AN INTERSECTION. 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 SHOWN IN THIS PLAN SET.
- WHEN ABUTTING EXISTING PAVEMENT TO NEW, SAWCUT EXISTING PAVEMENT TO A STRAIGHT EDGE AND AT A RIGHT ANGLE, OR AS APPROVED BY THE FIELD ENGINEER. REMOVAL OF BROKEN OR CRACKED PAVEMENT WILL ALSO BE REQUIRED.
- EXISTING CURB AND GUTTER NOT TO BE REMOVED UNDER THE CONTRACT WHICH IS DAMAGED OR DISPLACED BY THE CONTRACTOR SHALL BE REMOVED AND REPLACED BY THE CONTRACTOR AT HIS EXPENSE.
- ALL FINAL BACKFILL FOR TRENCHES SHALL BE COMPACTED TO A MINIMUM 90% MAXIMUM DENSITY PER ASTM D-1557 AND AS DIRECTED BY SECTION 701.14.2 AND STANDARD DRAWING NUMBER 2315.
- THE CONTRACTOR SHALL PROMPTLY CLEAN UP ANY MATERIAL EXCAVATED WITHIN THE PUBLIC RIGHT-OF-WAY OR PRIVATE ROADWAY EASEMENTS SO THAT THE EXCAVATED MATERIAL IS NOT SUSCEPTIBLE TO BEING WASHED DOWN THE STREET OR INTO ANY PUBLIC DRAINAGE FACILITY.
- CONTRACTOR SHALL SUPPORT ALL EXISTING, UNDERGROUND UTILITY LINES WHICH BECOME EXPOSED DURING CONSTRUCTION.
- CONTRACTOR SHALL ASSIST THE ENGINEER/INSPECTOR IN THE RECORDING OF DATA ON ALL UTILITY LINES AND ACCESSORIES AS REQUIRED BY THE CITY OF ALBUQUERQUE FOR THE PREPARATION OF RECORD DRAWINGS. CONTRACTOR SHALL NOT COVER UTILITY LINES AND ACCESSORIES UNTIL ALL DATA HAS BEEN RECORDED.
- WARNING--EXISTING UTILITY LINE LOCATIONS ARE SHOWN IN AN APPROXIMATE MANNER ONLY, AND SUCH LINES MAY EXIST WHERE NONE ARE SHOWN. THE LOCATION OF ANY SUCH EXISTING LINES IS BASED UPON INFORMATION PROVIDED BY THE UTILITY COMPANY, THE OWNER, OR BY OTHERS, AND THE INFORMATION MAY BE INCOMPLETE OR MAY BE OBSOLETE BY THE TIME CONSTRUCTION COMMENCES.

THE ENGINEER HAS UNDERTAKEN NO FIELD VERIFICATION OF THE LOCATION, DEPTH, SIZE, OR TYPE OF EXISTING UNDERGROUND UTILITY LINES. MAKES NO REPRESENTATION PERTAINING THERETO, AND ASSUMES NO RESPONSIBILITY OR LIABILITY THEREFOR. THE CONTRACTOR SHALL INFORM ITSELF OF THE LOCATION OF ANY UTILITY LINE IN OR NEAR THE AREA OF THE WORK IN ADVANCE OF AND DURING EXCAVATION WORK. THE CONTRACTOR IS FULLY RESPONSIBLE FOR ANY AND ALL DAMAGE CAUSED BY ITS FAILURE TO LOCATE, IDENTIFY, AND PRESERVE ANY AND ALL EXISTING UTILITIES. THE CONTRACTOR SHALL COMPLY WITH STATE STATUTES, MUNICIPAL AND LOCAL ORDINANCES, RULES AND REGULATIONS PERTAINING TO THE LOCATION OF THESE LINES AND FACILITIES, IN PLANNING AND CONDUCTING EXCAVATION, WHETHER BY CALLING OR NOTIFYING THE UTILITIES, COMPLYING WITH "BLUE STAKES" PROCEDURES, OR OTHERWISE.
- ALL STREET STRIPING ALTERED OR DESTROYED SHALL BE REPLACED BY THE CONTRACTOR TO EXISTING PATTERNS. REPLACEMENT SHALL BE WITH PLASTIC REFLECTORIZED PAVEMENT MARKINGS. ANY SUCH STRIPING SHALL BE CONSIDERED INCIDENTAL TO PAVEMENT CONSTRUCTION AND NO SEPARATE PAYMENT SHALL BE MADE THEREFOR.
- GRADED ACCESS FOR RESIDENTS ACROSS THE CONSTRUCTION ZONE SHALL BE MAINTAINED DURING CONSTRUCTION. ON RESIDENTIAL STREETS, ONE LANE OF TRAFFIC MUST BE MAINTAINED AT ALL TIMES.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING UTILITIES FOR ANY ADJUSTMENT OR RELOCATION OF EXISTING UTILITIES REQUIRED BY CONSTRUCTION. THE CONTRACTOR MAY BE REQUIRED TO RESCHEDULE HIS ACTIVITIES TO ALLOW UTILITY CREWS TO PERFORM THEIR WORK. NO ADDITIONAL COSTS WILL BE ALLOWED FOR DELAYS OR INCONVENIENCE CAUSED BY UTILITY COMPANY CREWS.
- THE CONTRACTOR SHALL CONFINE HIS WORK WITHIN THE STREET RIGHT-OF-WAY. OVERNIGHT PARKING OF THE CONTRACTOR'S EQUIPMENT SHALL NOT OBSTRUCT ACCESS ROADS OR TRAFFIC LANES.
- THE REMOVAL AND REPLACEMENT OF ALL SIGNS, POSTS, FENCES, MAIL BOXES AND ROAD MARKINGS SHALL BE CONSIDERED INCIDENTAL TO STORM DRAIN LINE CONSTRUCTION.
- ALL PIPE BEDDING SHALL CONFORM TO CLASS C BEDDING AS DEFINED IN SECTION 701 OF THE SPECIFICATIONS.
- THERE SHALL BE A MINIMUM CLEARANCE BETWEEN UTILITY LINES OF 0.5 FEET. WHERE THIS IS NOT POSSIBLE, TWO LAYERS OF 1/2" EXPANSION JOINT MATERIAL SHALL BE PLACED BETWEEN UTILITY LINES. THE COST OF PROVIDING AND PLACING EXPANSION JOINT MATERIAL SHALL BE CONSIDERED INCIDENTAL TO STORM DRAIN LINE CONSTRUCTION AND NO SEPARATE PAYMENT SHALL BE MADE THEREFOR.
- ALL EXCAVATION, TRENCHING AND SHORING ACTIVITIES MUST BE ACCOMPLISHED IN ACCORDANCE WITH OSHA 29CFR 1926.650 SUBPART P.
- CONTRACTOR TO NOTIFY RESIDENTS 48 HOURS IN ADVANCE OF ANY ROAD CLOSURES.
- OPEN EXCAVATIONS SHALL BE TIGHTLY BARRICADED AT THE COMPLETION OF EACH DAY AND ALL OPEN EXCAVATIONS SHALL BE BACKFILLED OVER WEEKENDS.
- ALL ROADWAYS SHALL BE OPENED TO TRAFFIC AT THE END OF EACH DAY.
- CONTRACTOR SHALL MAINTAIN A GRAFFITI-FREE WORK SITE. CONTRACTOR SHALL PROMPTLY REMOVE ANY AND ALL GRAFFITI FROM EQUIPMENT, WHETHER PERMANENT OR TEMPORARY.

APPROVAL OF AS BUILT DRAWINGS
CHIEF CONSTRUCTION ENGINEER
Cheng
DATE 9-24-99
PWC 99-1

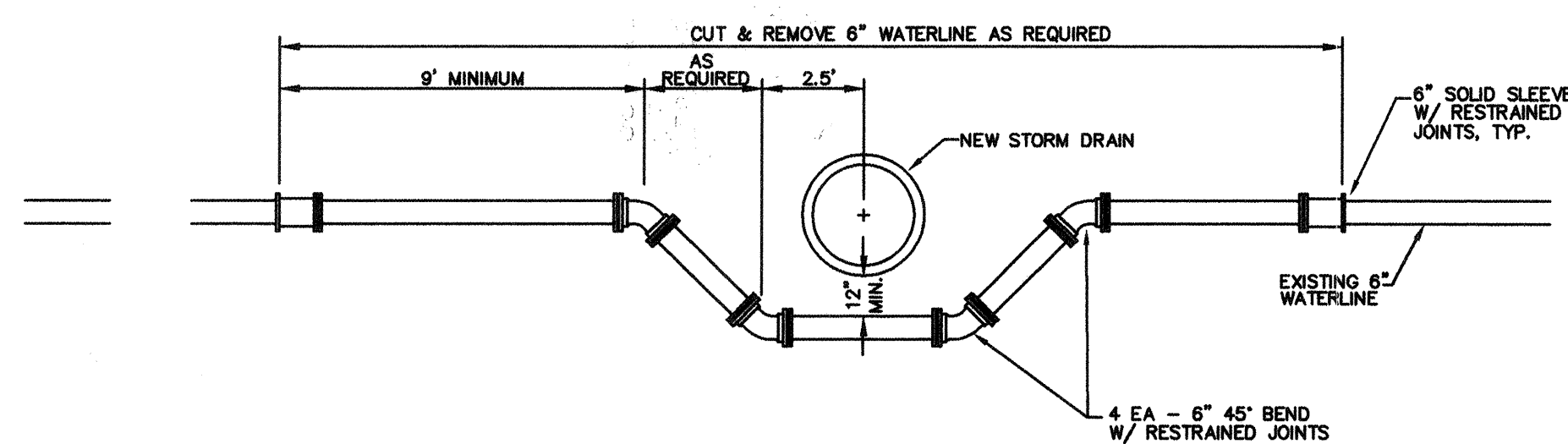
ISAACSON & ARFMAN, P.A.
Consulting Engineering Associates
128 Monroe Street N.E.
Albuquerque New Mexico
93415CVR.DWGsdv 06/25/98

REV.	SHEETS	CITY ENGINEER	DATE	USER DEPARTMENT	DATE	USER DEPARTMENT	DATE
ENGINEERS STAMP & SIGNATURE		APPROVALS		ENGINEER	DATE	*****	
		DRC Chairman				APPROVED FOR CONSTRUCTION	
		Transportation					
		Water/Wastewater					
		Hydrology					
		CIP					
		Constr. Mngmt.				City Engineer	Date
		Constr. Coord.					
		City Project No.				Sheet	1 Of 2
		59779.9/		PWC 99-1			

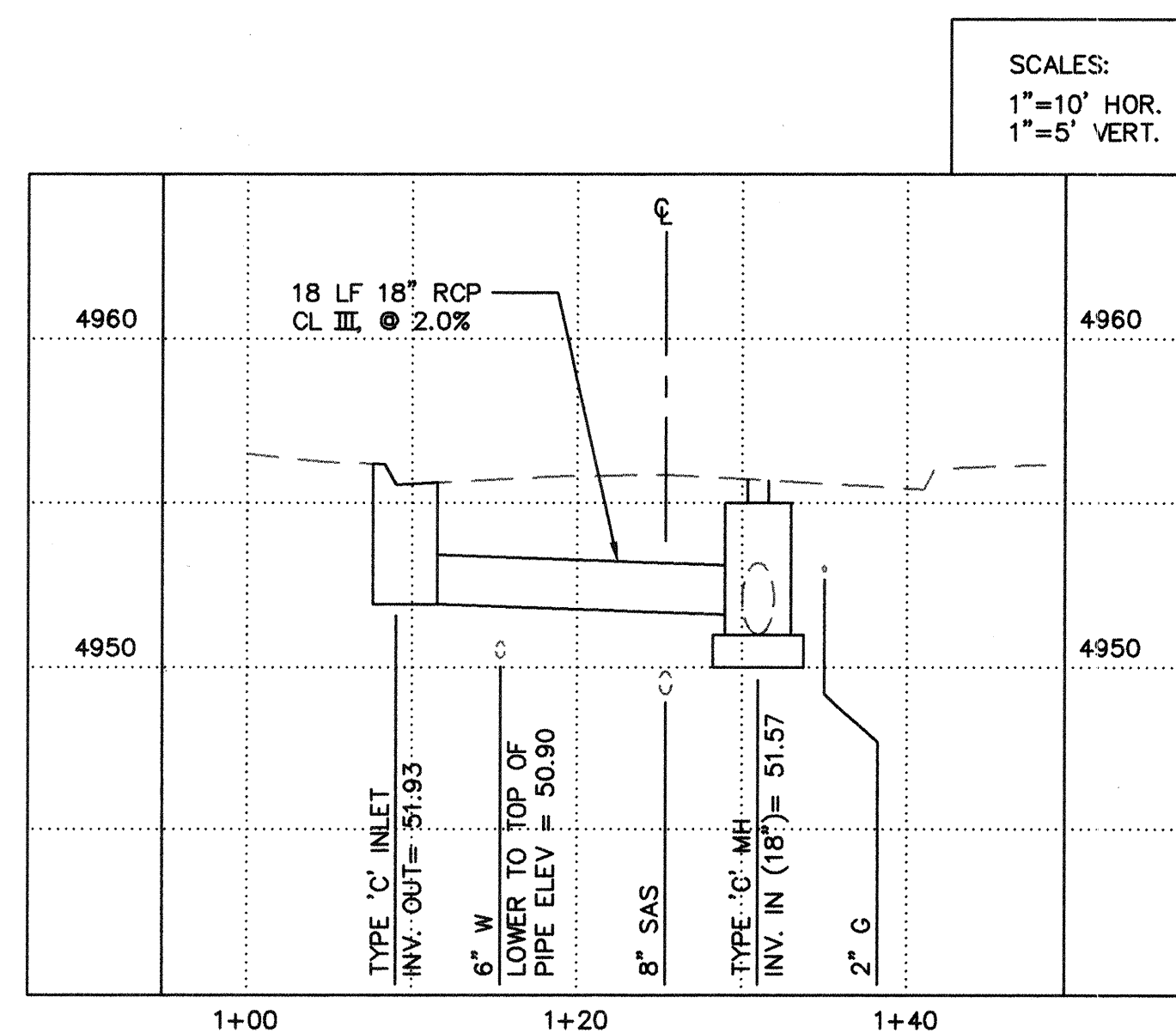


WATER SHUTOFF PLAN
SCALE: 1"=600'

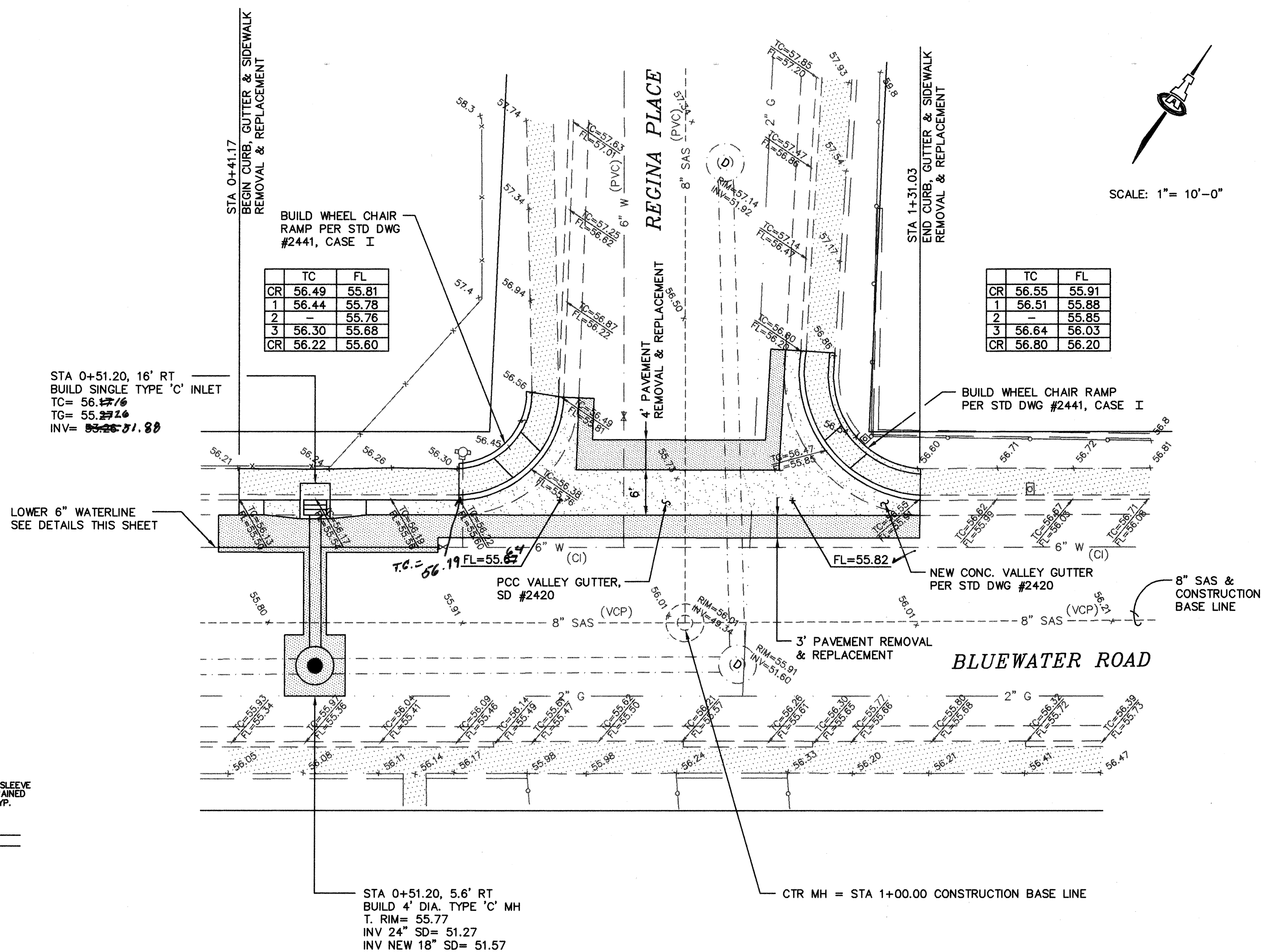
NOTE:
CLOSE VALVES MARKED WITH
ARROWS (←). VALVE CLOSURES
SHALL BE MADE BY DWD/WATER
SYSTEMS PERSONNEL ONLY.



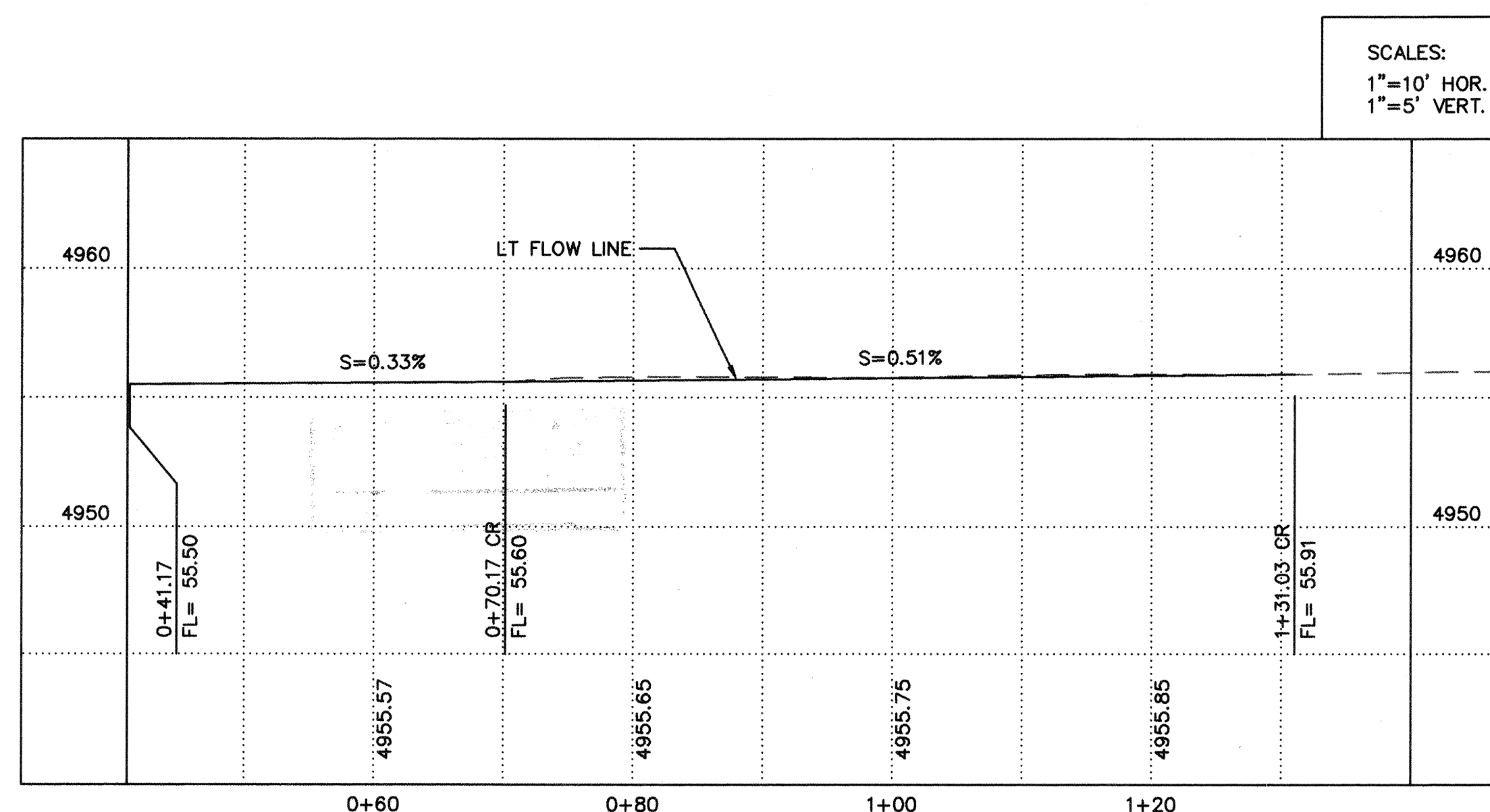
TYPICAL WATERLINE LOWERING
SCALE: 1"=4'























SD INLET PROFILE



BLUEWATER ROAD




LEFT FLOW LINE PROFILE

LEGEND	
	TOP CURB FLOWLINE
	SPOT ELEVATION
	CONCRETE CURB
	CONCRETE/SIDEWALK
	WALL OR HEAD WALL
	SIGN
	CHAIN LINK FENCE
	WOOD FENCE
	SANITARY SEWER MANHOLE
	WATER VALVE
	FIRE HYDRANT
	WATER METER
	LIGHT POLE
	STORM MANHOLE
	EXISTING WATERLINE
	EXISTING GAS LINE
	EXISTING SANITARY SEWER
	EXISTING STORM DRAIN
	PROPOSED STORM DRAIN
	PROPOSED SD MANHOLE

AS-BUILT INFORMATION	
CONTRACTOR	<i>Carcon</i>
WORK STARTED BY	<i>C.A.A.</i> DATE <i>9/69</i>
INSPECTOR'S FIELD VERIFICATION BY	<i>Bobby Smith</i> DATE <i>9/69</i>
DRAWINGS CORRECTED BY	<i>Bobby Smith</i> DATE <i>9/69</i>
MICRO-FILM INFORMATION	
RECORDED BY	DATE
NO.	

[illegible]

ENGINEER'S SEAL	SURVEY INFORMATION
	FIELD NOTES

[illegible]

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 128 Monroe Street N.E.
 Albuquerque New Mexico
 93415UTL.DWGDdiv 09/29/98

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: **BLUEWATER / REGINA PLACE
STORM DRAIN INLET & VALLEY GUTTER PLAN**

Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.

City Project No.	Zone Map No.	Sheet	Of
597991 -	J-11	2	2