

NEW MEXICO UTILITIES, INC WATERLINE EXTENSIONS

WITHIN

GOLF COURSE ROAD, N. W.

PREPARED FOR

NEW MEXICO UTILITIES, INC.

4700 IRVING N.W. - SUITE 201

ALBUQUERQUE, NEW MEXICO

INDEX TO SHEETS

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GENERAL NOTES:

1. ALL WORK DETAILED ON THESE PLANS TO BE PERFORMED UNDER CONTRACT SHALL, EXCEPT AS OTHERWISE STATED OR PROVIDED FROM HEREON, BE CONSTRUCTED IN ACCORDANCE WITH THE CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1986.
2. ALL WORK DETAILED ON THESE PLANS TO BE PERFORMED UNDER CONTRACT SHALL, EXCEPT AS OTHERWISE STATED OR PROVIDED FROM HEREON, BE CONSTRUCTED IN ACCORDANCE WITH NEW MEXICO UTILITIES, INC. (NMUI) STANDARD SPECIFICATIONS. IF NMUI SPECIFICATIONS ARE IN CONFLICT WITH THE CITY SPECIFICATIONS, NMUI SPECIFICATIONS SHALL TAKE PRIORITY.
3. TWO (2) WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT LINE LOCATING SERVICE, 260-1990, FOR LOCATION OF EXISTING UTILITIES.
4. 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.
5. THE CONTRACTOR SHALL FURNISH EMDS ON ALL WATER AND SEWER SERVICE STUBS, CAPS AND PLUGS.
6. 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 OF 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 THE GENERAL CONDITIONS, CITY OF ALBUQUERQUE SPECIFICATIONS.
7. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING A "BARRICADING PERMIT" PRIOR TO COMMENCEMENT OF CONSTRUCTION. REFER TO SECTION 19 OF THE CITY OF ALBUQUERQUE SPECIFICATIONS.

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 LIMITED 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 THEREFORE. 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.

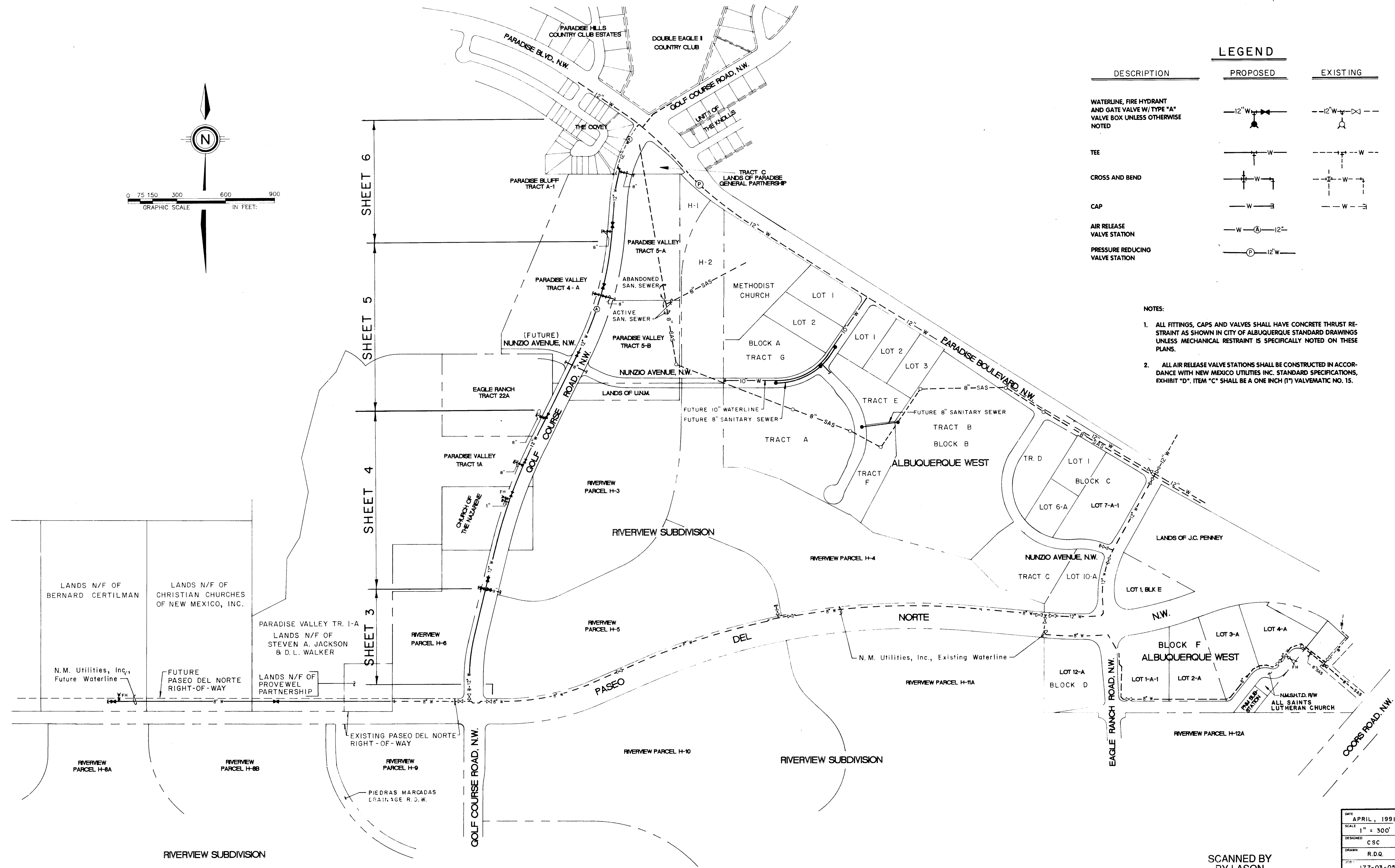
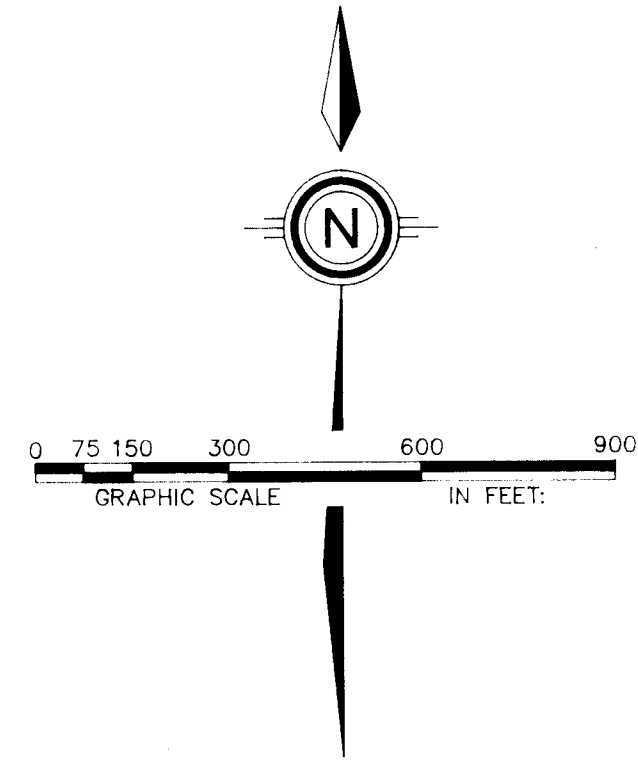
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
26 41 13 9 0 0 1 9 1 1

NON-CITY PROJECT

BY: R. GREENE

SCANNED BY
BY LASON

ENGINEER'S SEAL <i>Michael J. Frost</i> 4/15/91	DATE: 4-91 SCALE: N/A DESIGNED: M K S DRAWN: M K S JOB NO: 17-03-050	community sciences corporation LAND PLANNING P.O. Box 1328 ENGINEERING Corrales, N.M. 87048 SURVEYING	APPROVED FOR CONSTRUCTION <i>[Signature]</i> NEW MEXICO UTILITIES, INC. DATE: June 6, 1991
	PROJECT NO. 4113.91	SHEET 1 OF 6	



LEGEND		
DESCRIPTION	PROPOSED	EXISTING
WATERLINE, FIRE HYDRANT AND GATE VALVE W/TYPE "A" VALVE BOX UNLESS OTHERWISE NOTED		
TEE		
CROSS AND BEND		
CAP		
AIR RELEASE VALVE STATION		
PRESSURE REDUCING VALVE STATION		

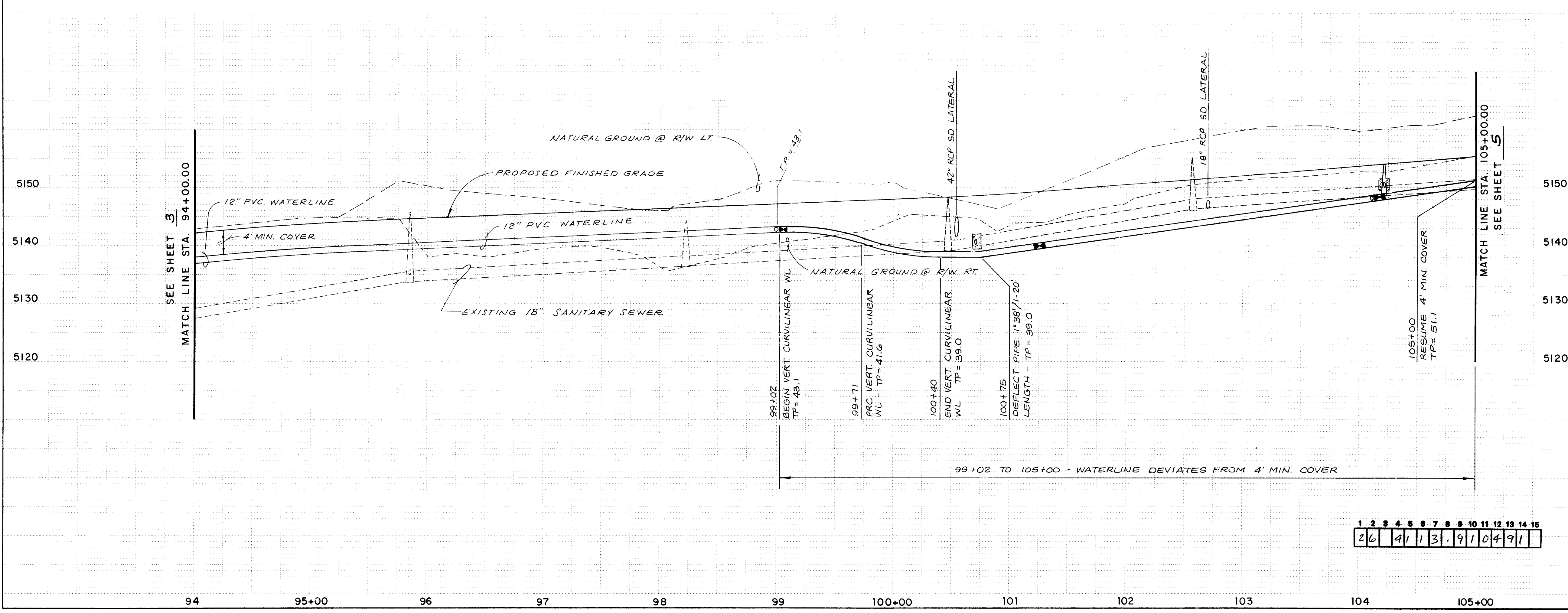
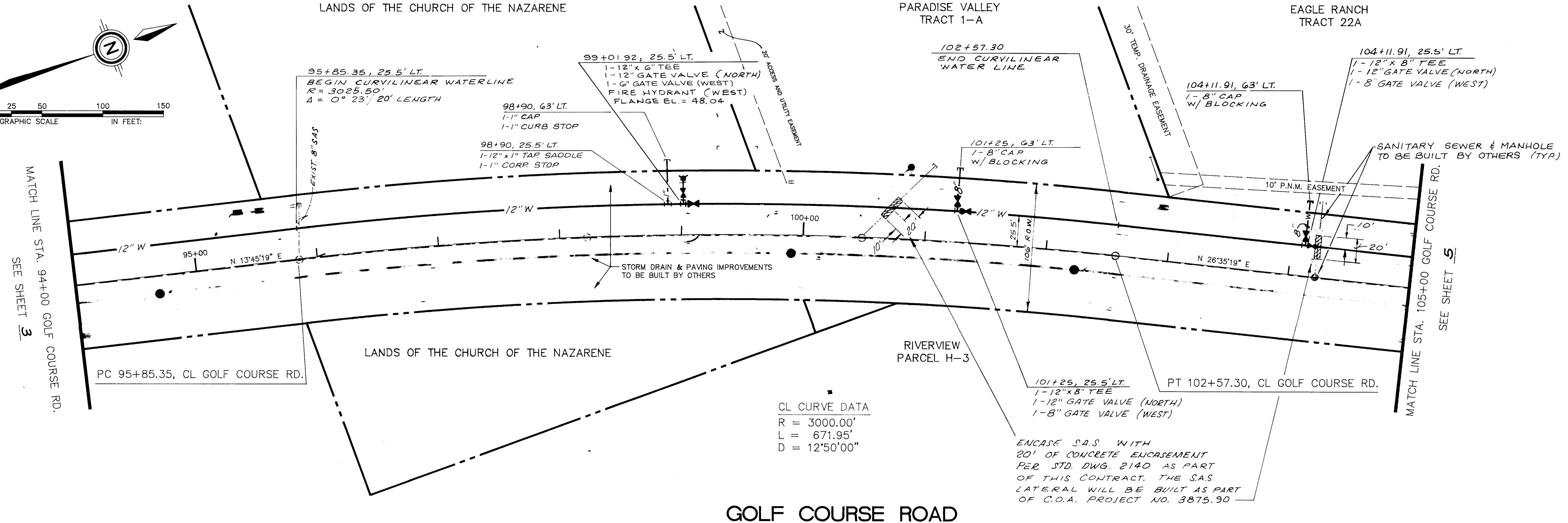
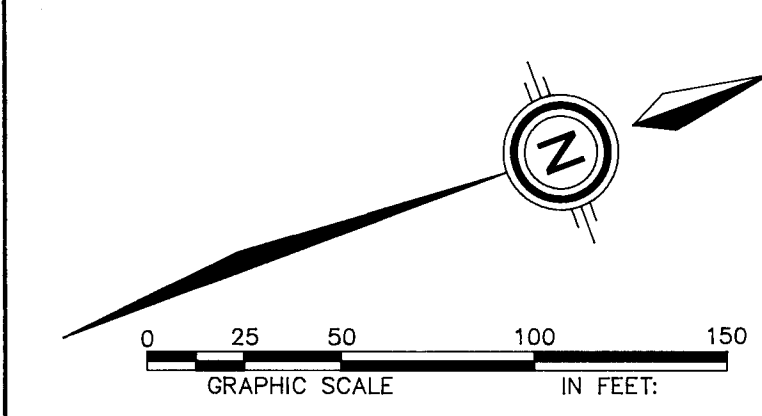
- NOTES:
1. ALL FITTINGS, CAPS AND VALVES SHALL HAVE CONCRETE THRUST RESTRAINT AS SHOWN IN CITY OF ALBUQUERQUE STANDARD DRAWINGS UNLESS MECHANICAL RESTRAINT IS SPECIFICALLY NOTED ON THESE PLANS.
 2. ALL AIR RELEASE VALVE STATIONS SHALL BE CONSTRUCTED IN ACCORDANCE WITH NEW MEXICO UTILITIES INC. STANDARD SPECIFICATIONS, EXHIBIT "D". ITEM "C" SHALL BE A ONE INCH (1") VALVEMATIC NO. 15.

AS BUILT INFORMATION			BENCH MARKS			SURVEY INFORMATION			ENGINEER'S SEAL		
CONTRACTOR	WORK ORDER NO.	DATE	CONTRACTOR	WORK ORDER NO.	DATE	NO.	BY	DATE			
INSPECTOR	INSPECTION BY	DATE	INSPECTOR	INSPECTION BY	DATE	1	CSC	5/7/89			
FIELD	FIELD	DATE	FIELD	FIELD	DATE						
DRAWINGS BY			DRAWINGS BY			REVISIONS			BY		
MICRO-FILM INFORMATION			MICRO-FILM INFORMATION			DESIGN			DATE		
RECORDED BY			RECORDED BY			RDQ			DATE		
NO			NO			MAY			DATE		

SCANNED BY
BY LASON

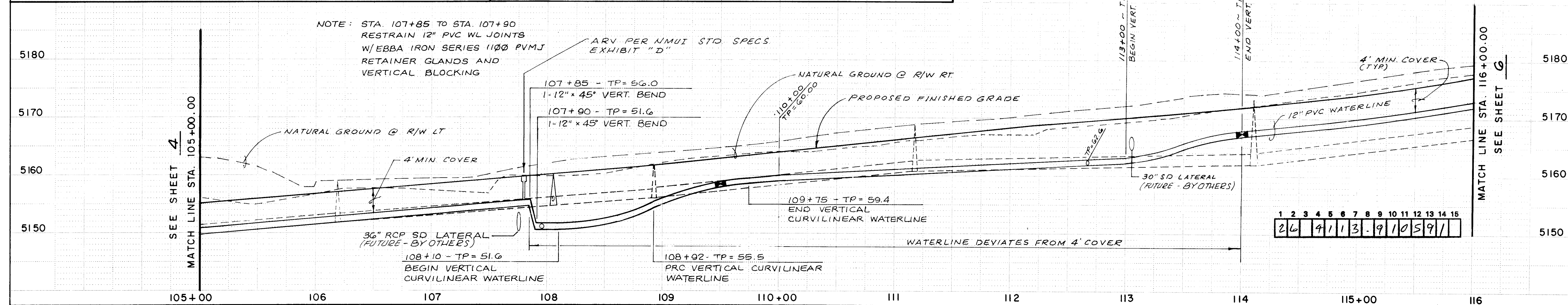
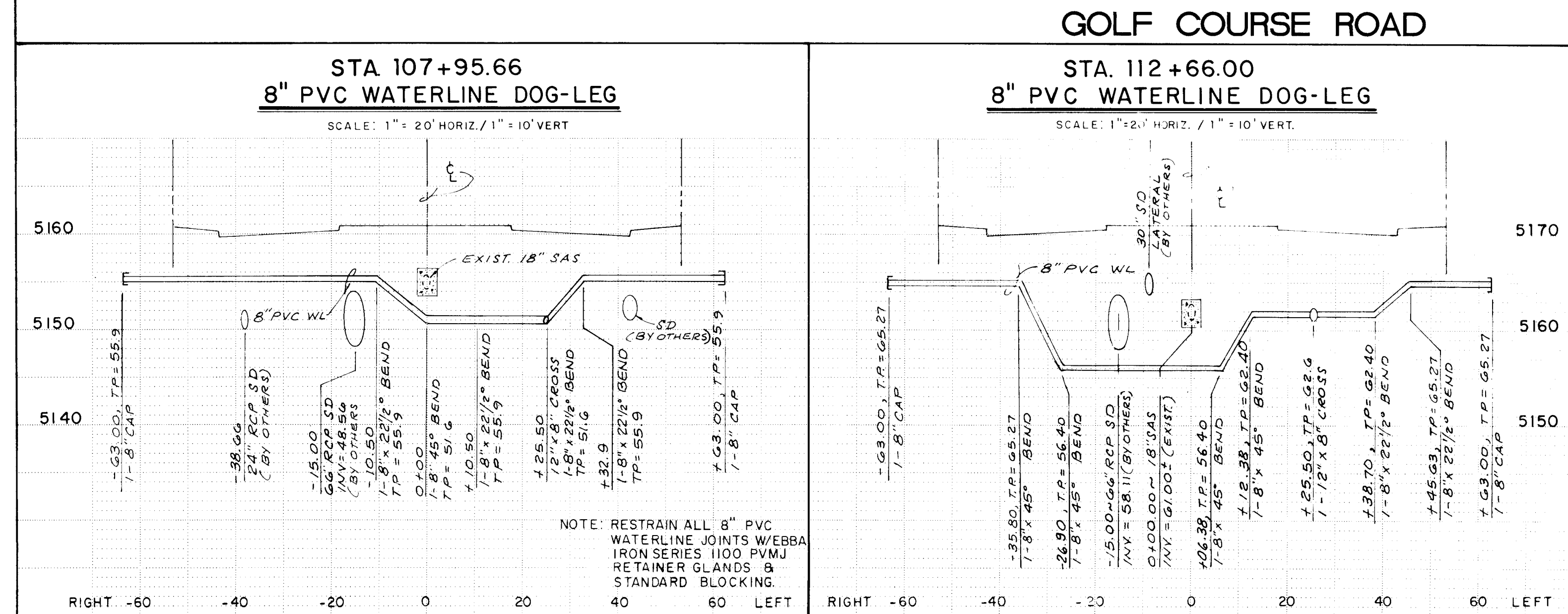
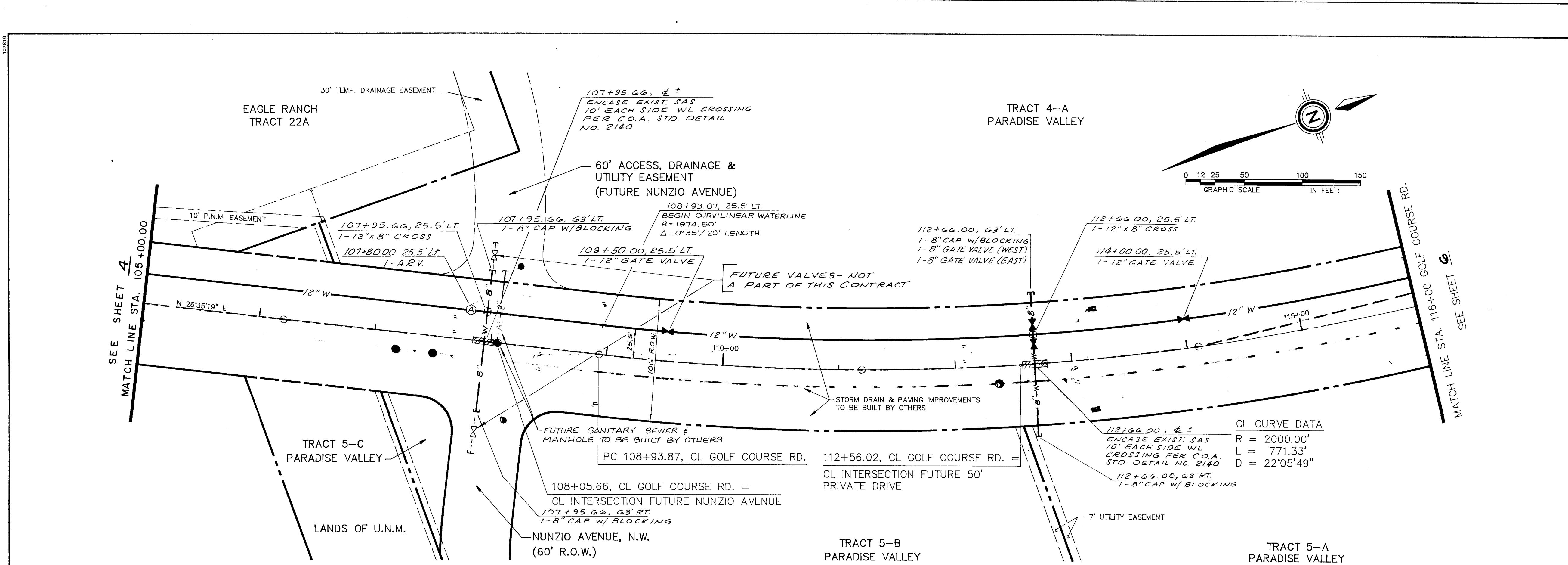
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
2 6 4 1 1 3 . 9 1 0 2 9 1

DATE: APRIL, 1991		community sciences corporation	
SCALE: 1" = 300'			
DESIGNED: CSC			
DRAWN: R.D.Q.			
JOB: 177-03-050			
NEW MEXICO UTILITIES, INC.			
TITLE: COMPOSITE PLAN			
APPROVALS	ENGINEER	DATE	APPROVALS
J.L.C. State	Reg. A.P.	7-1-91	Water & Waste
Transportation	A. Neustadt	7-1-91	
DRAWING NO.	4113.91	MAP NO.	C-12,C-13
SHEET	2	OF	6



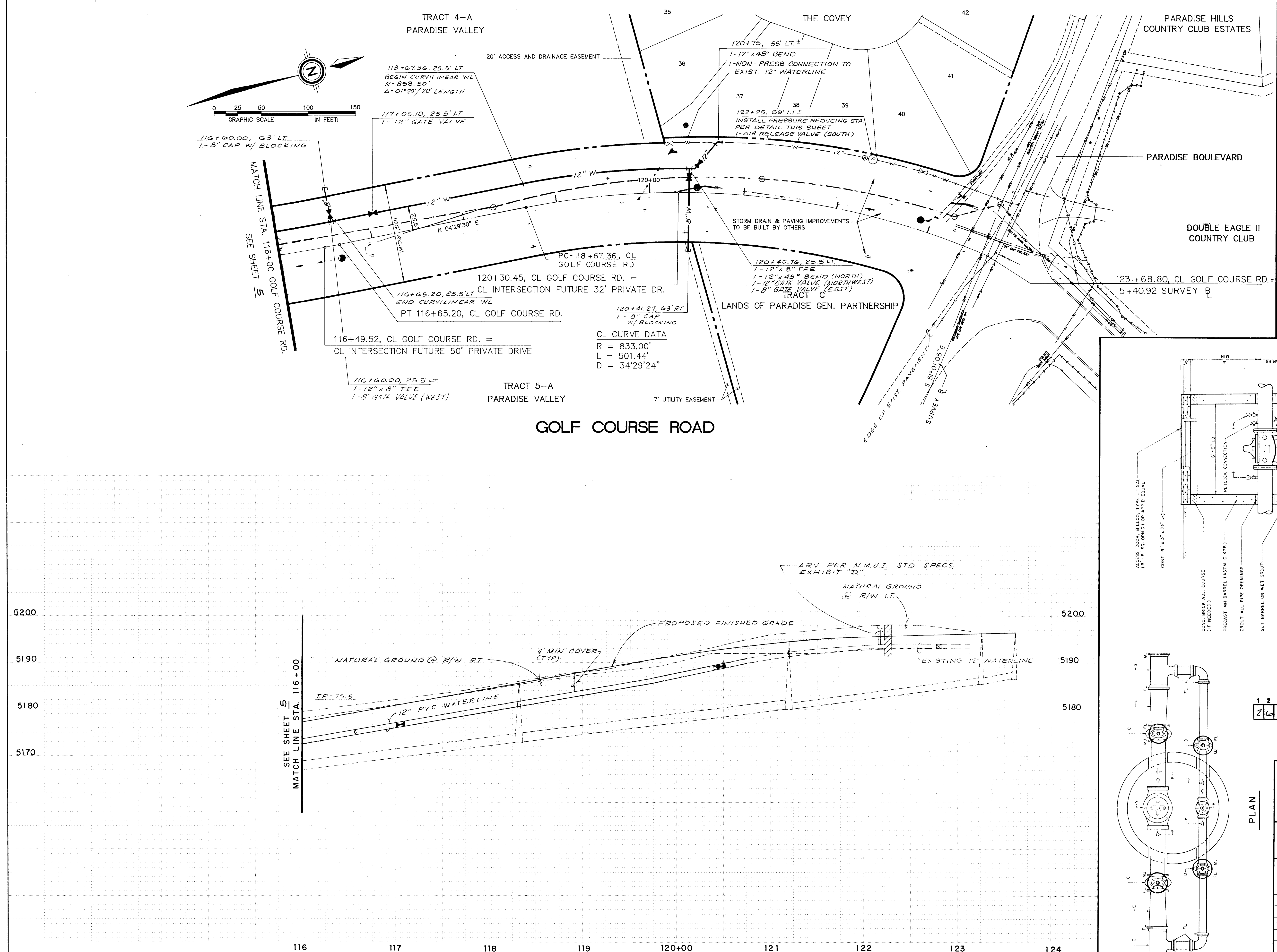
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AS BUILT INFORMATION			BENCH MARKS			SURVEY INFORMATION			ENGINEER'S SEAL								
CONTRACTOR			BENCH MARKS			FIELD NOTES			ENGINEER'S SEAL REVISIONS DESIGN DATE 4-90 DATE 4-90 DATE APRIL 1991								
WORK ORDER BY			BENCHMARK USED FOR THIS PLAT IS A.C.S. "3-D-11", AN "X" CHISEL ON TOP OF THE CURB AT THE S.S.-E. CURB RETURN LOCATED AT THE SOUTHEAST QUADRANT OF THE INTERSECTION OF TAYLOR RANCH DRIVE, N.W. AND CALLE NORTENA, N.W. ELEVATION 5198.95. (REVISED EL. = 5200.01 FT., MARCH, 1987).			NO.						BY					
INSPECTOR'S			DATE 5/89			CSC						NO.			DATE		
DATE																	
MICRO-FILM INFORMATION			DRAWINGS BY			DATE			DESIGNED BY			CSC			DATE 4-90		
RECORDED BY			NO.						DRAWN BY			RDQ, MKS			DATE 4-90		
									CHECKED BY			ALJ.			DATE APRIL 1991		
NEW MEXICO UTILITIES, INC.																	
TITLE: GOLF COURSE ROAD 12" WATERLINE																	
APPROVALS			ENGINEER			DATE			APPROVALS			ENGINEER			DATE		
DRC CHAIRMAN			7-1-91			WATER			7-1-91								
TRANSPORTATION			7-2-91			WASTE WATER			7-2-91								
HYDROLOGY			7-3-91			7-3-91			7-3-91								
DRAWING NO.			4113.97			MAP NO.			C-12, C-13			SHEET 4			OF 6		

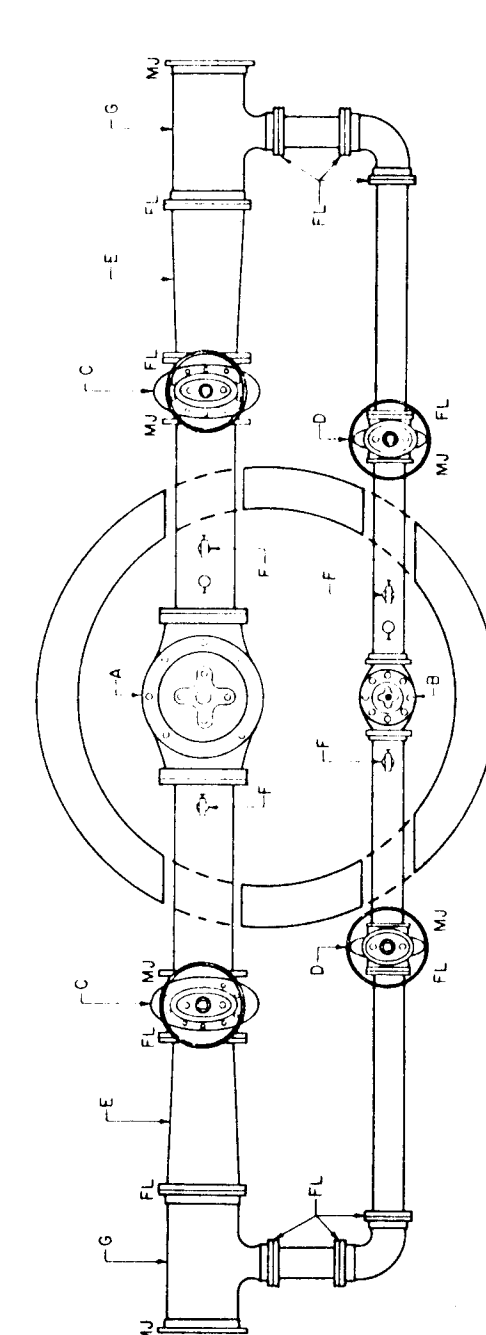
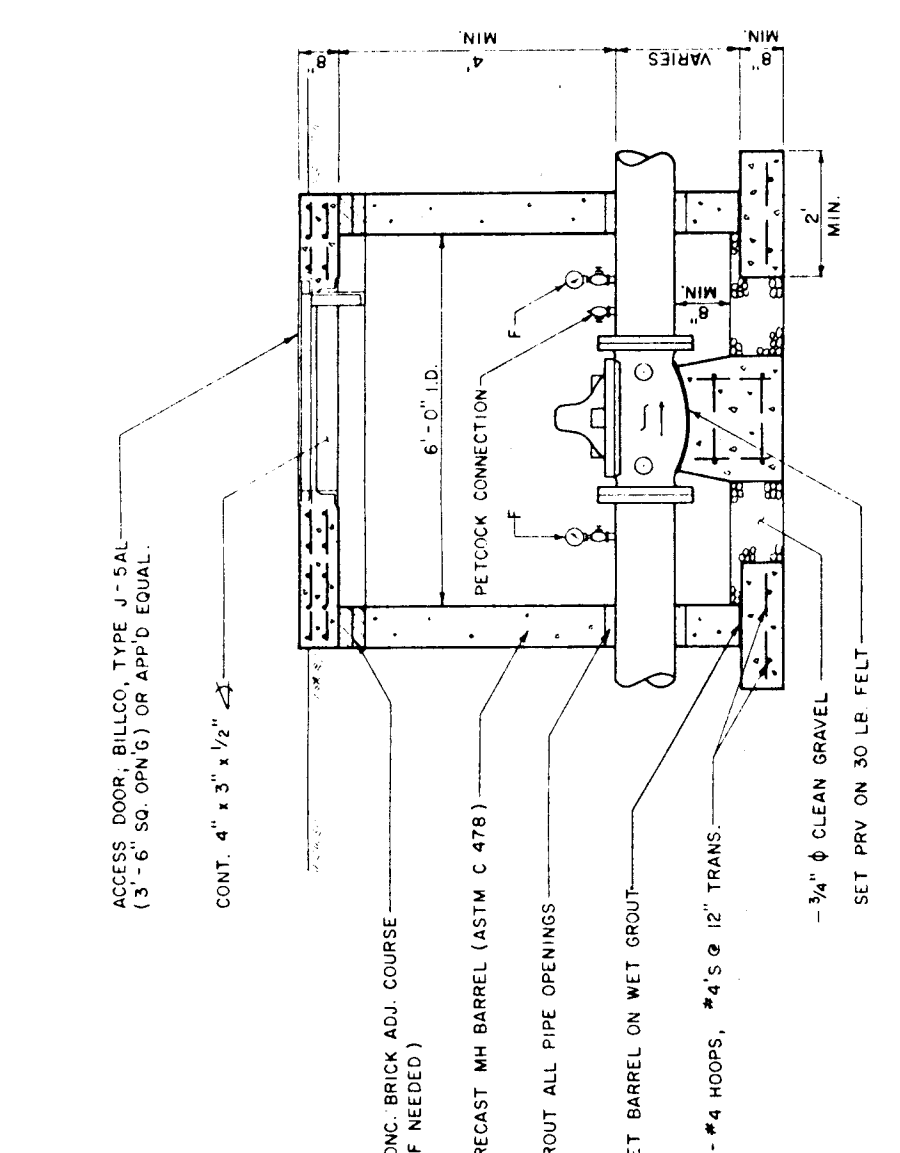
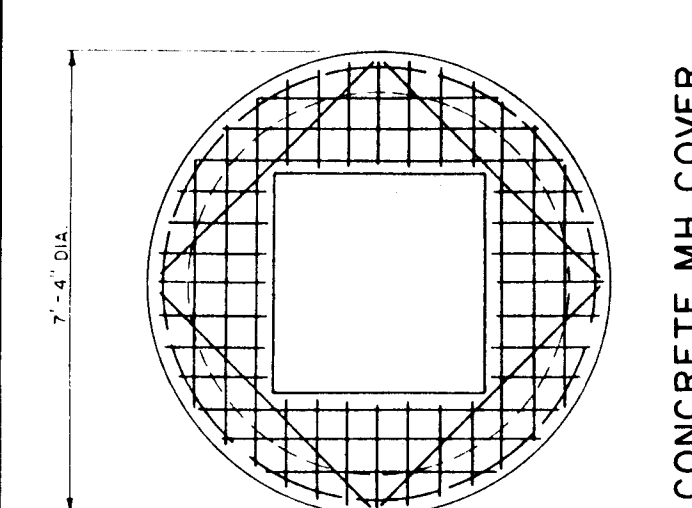


ENGINEER'S SEAL			REVISIONS			DESIGN			DATE		
BY			DATE			DATE			DATE		
MICHAEL J. YOST			4/15/91			APRIL 1991					
SCANNED BY LASON			community sciences corporation			NEW MEXICO UTILITIES, INC.			TITLE: GOLF COURSE ROAD 12" WATERLINE		
SCALE: 1" = 50' HORIZ. 1" = 10' VERT.			APPROVALS			ENGINEER			DATE		
APPROVALS			ENGINEER			DATE			DATE		
DRC CHAIRMAN			7-1-91			WATER			7-1-91		
TRANSPORTATION			7-1-91			WASTE WATER			7-1-91		
HYDROLOGY			7-3-91			7-3-91			7-3-91		
DRAWING NO. 4113.91			MAP NO. C-12, C-13			SHEET 5 OF 6					

110844



- KEYED NOTES:
- A. 10" PRESSURE REDUCING VALVE, 150, FL/FL
 - B. 4" PRESSURE REDUCING VALVE, 150, FL/FL
 - C. 10" GATE VALVE, FL/MJ, W/TYP
 - D. 4" GATE VALVE, FL/MJ, W/TYP
 - E. 12" x 10" REDUCER FL/FL
 - F. PRESSURE GAUGES W/1/2" PETCOCK CONNECTIONS (FREEZE PROOF, INSTRUMENTS OR APPROVED EQUAL)
 - G. 12" x 4" TEE MJ/FL/FL
 - H. 4" BEND, 90° FL/FL
- ALL CONNECTING PIECES SHALL BE DUCTILE IRON PIPE



SCANNED BY
BY LASON

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
2	4	1	3	9	1	0	6	9	1					

SCALE:
1" = 50'
HORIZ.
1" = 10'
VERT.

community sciences corporation

NEW MEXICO UTILITIES, INC.

TITLE: GOLF COURSE ROAD 12" WATERLINE

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN	<i>Richard D...</i>	7-1-91	WATER	<i>W.D.</i>	7-1-91
TRANSPORTATION	<i>...</i>	7-3-91	WASTE WATER	<i>...</i>	"
HYDROLOGY	<i>...</i>	7-3-91	WWT	<i>...</i>	6-20-91

DRAWING NO. 4113.91 MAP NO. C-12,C-13 SHEET 6 OF 6

SURVEY INFORMATION			FIELD NOTES			BENCH MARKS			AS BUILT INFORMATION		
NO.	BY	DATE	NO.	BY	DATE	BENCH MARK	MARKS	DATE	CONTRACTOR	DATE	DATE
1	CSC	5/89				BENCHMARK USED FOR THIS PLAN IS A.C.S. "3-D-11", AN "X" CHISEL ON TOP OF THE CURB AT THE S.S.E. CURB RETURN LOCATED AT THE SOUTHEAST QUADRANT OF THE INTERSECTION OF TAYLOR RANCH DRIVE, N.W. AND CALLE NORTE, N.W. ELEVATION 5198.95. (REVISED EL. = 5200.01 FT., MARCH, 1987).					
REVISIONS			REVISIONS			REVISIONS			REVISIONS		
NO.	DATE	BY	NO.	DATE	BY	NO.	DATE	BY	NO.	DATE	BY
DESIGNED BY	CSC		DESIGNED BY	CSC		DESIGNED BY	CSC		DESIGNED BY	CSC	
DRAWN BY	RDQ, MKS		DRAWN BY	RDQ, MKS		DRAWN BY	RDQ, MKS		DRAWN BY	RDQ, MKS	
CHECKED BY	MLJ.		CHECKED BY	MLJ.		CHECKED BY	MLJ.		CHECKED BY	MLJ.	
DATE	4-90		DATE	4-90		DATE	4-90		DATE	4-90	
DATE	APRIL 1991		DATE	APRIL 1991		DATE	APRIL 1991		DATE	APRIL 1991	