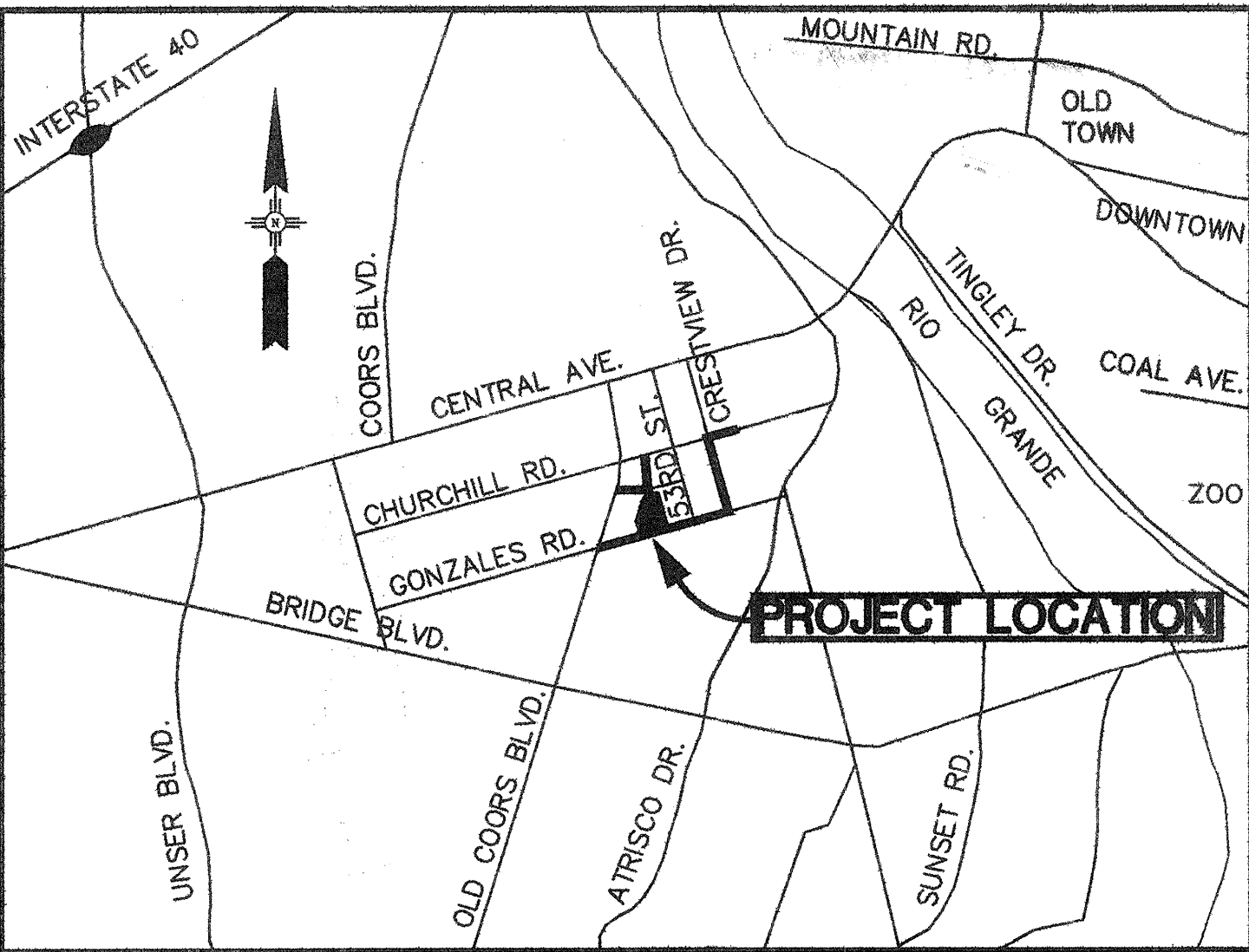
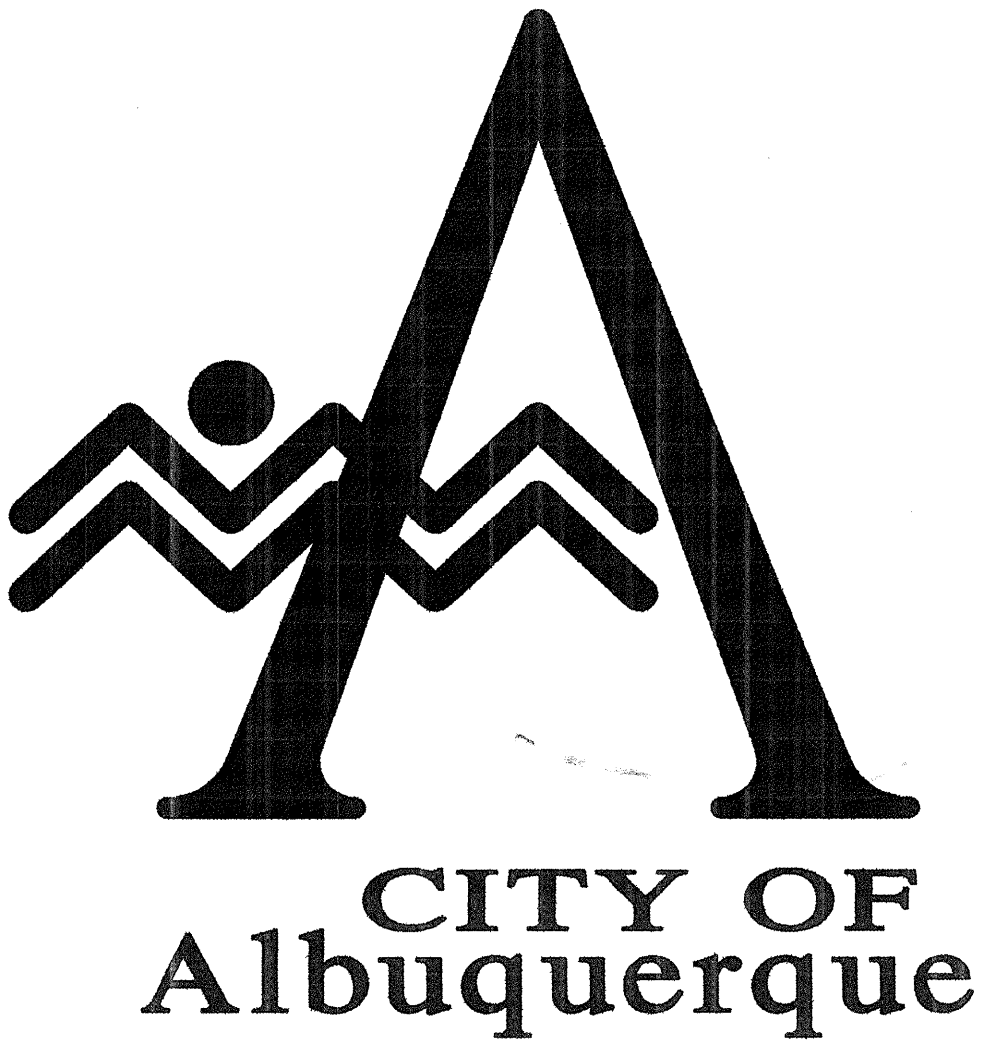


CONSTRUCTION PLANS FOR
GONZALES POND IMPROVEMENTS
CITY PROJECT NO. 4750.91



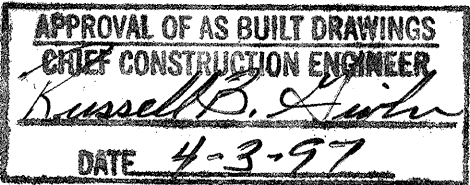
LOCATION MAP
CITY ZONE MAP NO. K-11



INDEX

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2	FILING SHEET - PHASE I	21	P&P, CRESTVIEW DRIVE - STA. 29+40 TO STA. 34+20
3	FILING SHEET - PHASE II (NOT FOR CONSTRUCTION)	22	P&P, CRESTVIEW DRIVE - STA. 34+20 TO STA. 38+60
4	FILING SHEET - PHASE III (NOT FOR CONSTRUCTION)	23	P&P, CHURCHILL ROAD - STA. 38+60 TO STA. 43+14
5	GENERAL NOTES AND LEGEND	24	P&P, CHURCHILL ALLEY - STA. 10+00 TO STA. 14+00
6	OVERALL MAP	25	P&P, CHURCHILL ALLEY - STA. 14+00 TO STA. 15+35/ CUSTER ALLEY - STA. 10+00 TO STA. 12+09
7	SURVEY CONTROL MAP	26-32	STREET CROSS SECTIONS/TRENCH DETAILS
8	GONZALES DETENTION POND - PLAN VIEW	33	SANITARY SEWER IMPROVEMENT PLAN/WATER SHUTOFF PLAN
9	POND CROSS SECTIONS	34	SIGNING AND CONSTRUCTION CONTROL STANDARDS
10	POND CROSS SECTIONS/DETAILS	35	TYPICAL TRAFFIC CONTROL AND SIGNING EXAMPLES 1
11	POND CROSS SECTIONS	36	CONSTRUCTION PHASE I TRAFFIC CONTROL
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15	CONTROL STRUCTURE PAD/LOW FLOW CHANNEL DETAILS		
16	INTERSECTION DETAILS		
17	P&P, GONZALES ROAD - STA. 10+00 TO STA. 15+00		
18	P&P, GONZALES ROAD, - STA. 15+00 TO STA. 19+80		
19	P&P, GONZALES ROAD, - STA. 19+80 TO STA. 24+60		

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
26-19750.91 01/97

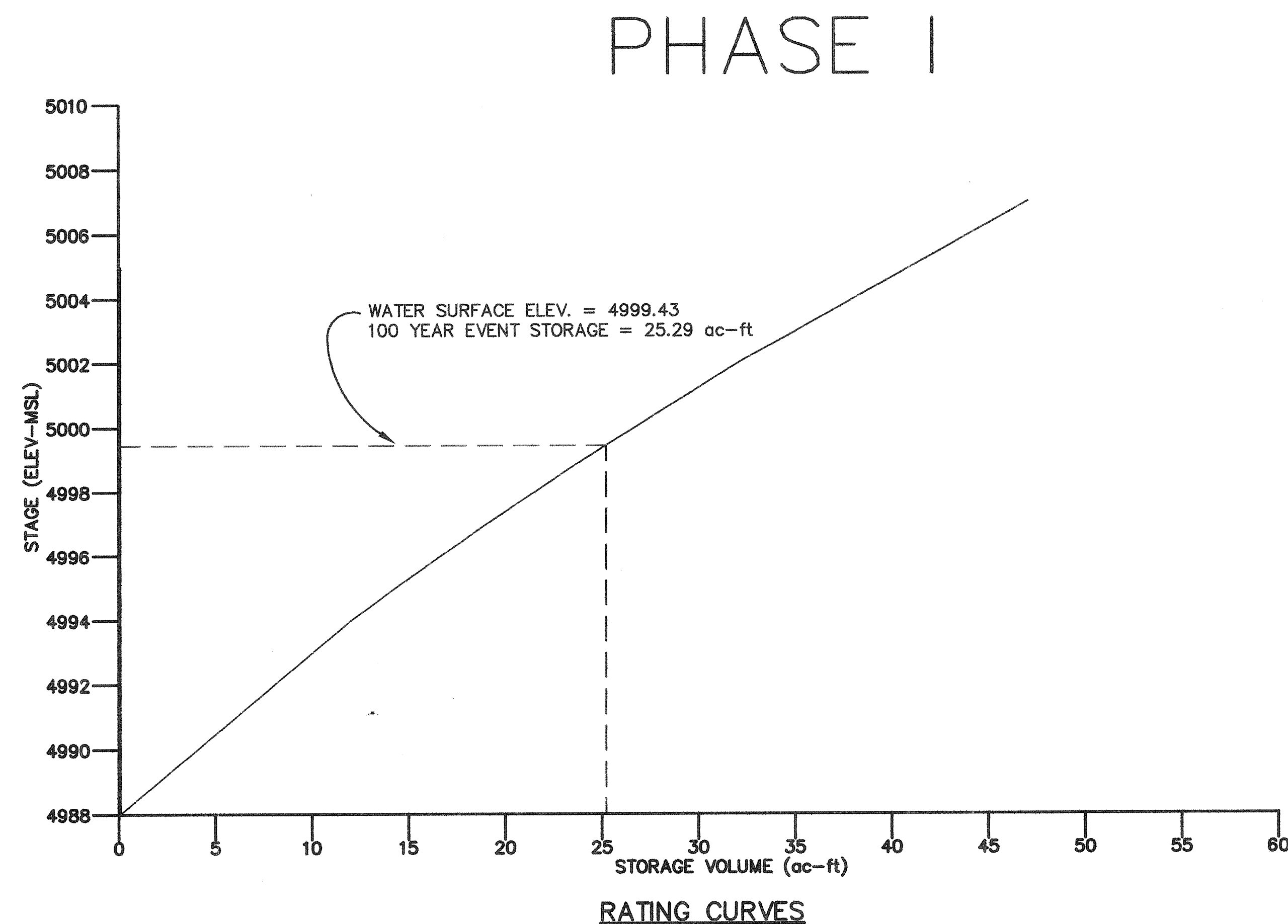


RECORD DRAWING
Drawing revised to reflect the
best information available. Do
not use without field verification.

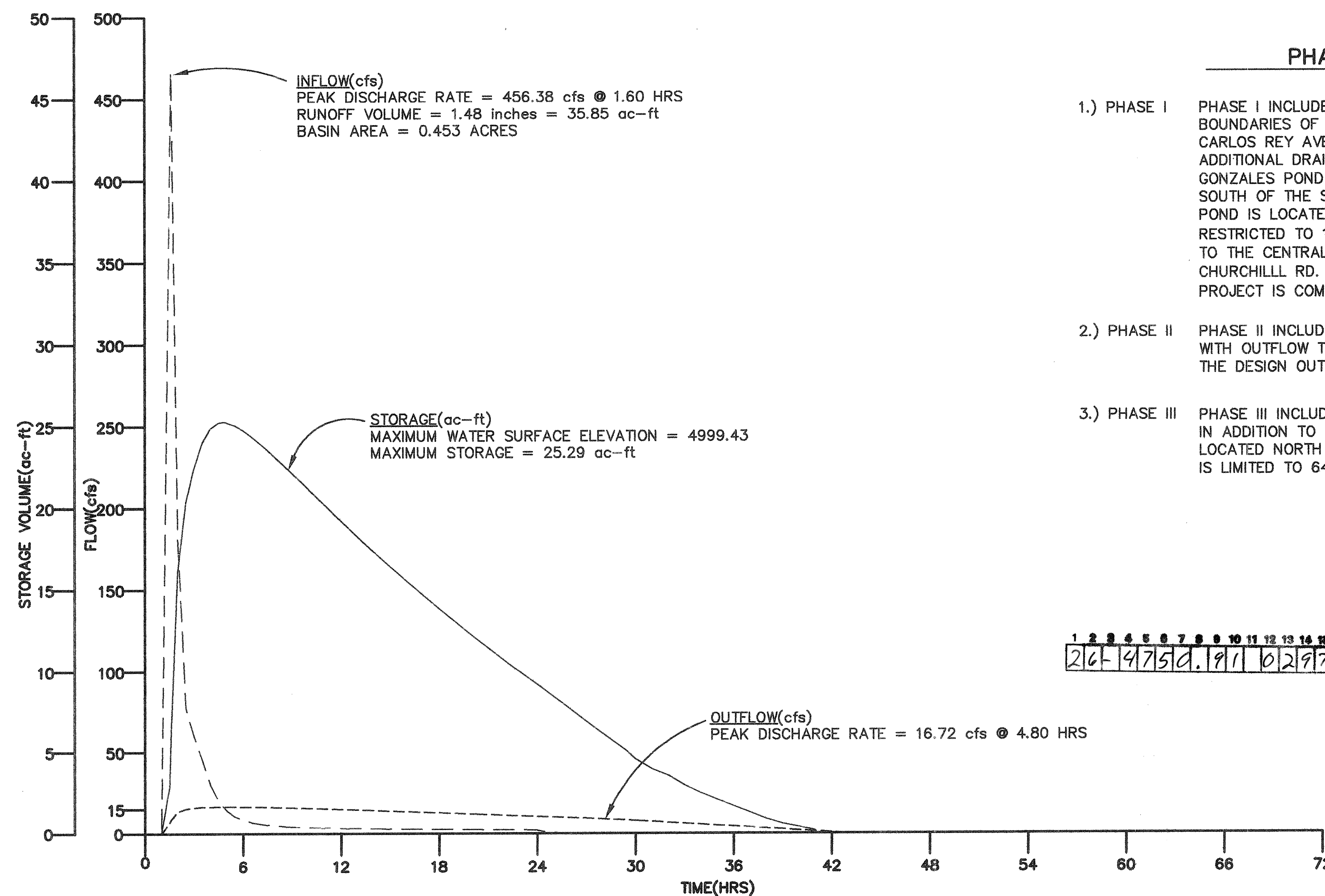
REV.	SHEETS	CITY ENGINEER	DATE	USER DEPARTMENT	DATE	USER DEPARTMENT	DATE
ENGINEERS STAMP & SIGNATURE		APPROVALS		ENGINEER	DATE	*****	
		DRC Chairman	<i>Bill H. H. H.</i>	1-1-96	APPROVED FOR CONSTRUCTION		
		Transportation	<i>John M. Stumbo</i>	12-18-95			
		Water/Wastewater	<i>John M. Stumbo</i>	12-18-95			
		Hydrology	<i>John M. Stumbo</i>	12-18-95			
		Parks	<i>John M. Stumbo</i>	12-18-95			
Constr. Mngmt.							
CITY PROJECT No. 4750.91						Sheet 1 of 37	



100 YEAR STORM: HYDROGRAPH TABLE							
TIME (HRS)	INFLOW (CFS)	OUTFLOW (CFS)	STORAGE (AC-FT)	TIME (HRS)	INFLOW (CFS)	OUTFLOW (CFS)	STORAGE (AC-FT)
.00	.00	.00	.000	14.50	3.00	13.95	16.903
.50	.00	.00	.000	15.00	2.93	13.73	16.454
1.00	.00	.00	.000	15.50	2.87	13.51	16.011
1.50	340.50	6.63	2.625	16.00	2.81	13.29	15.575
1.60	456.38	8.07	5.380	16.50	2.75	13.07	15.145
2.00	191.30	13.49	15.974	17.00	2.70	12.91	14.721
2.50	78.50	15.46	20.393	17.50	2.64	12.77	14.301
3.00	60.00	16.13	22.507	18.00	2.59	12.63	13.885
3.50	45.45	16.51	24.070	18.50	2.54	12.49	13.472
4.00	30.20	16.65	24.926	19.00	2.49	12.35	13.063
4.50	20.49	16.71	25.268	19.50	2.46	12.22	12.657
4.80	16.84	16.72	25.294	20.00	2.41	12.08	12.256
5.00	14.41	16.71	25.288	20.50	2.37	11.93	11.858
5.50	10.60	16.68	25.108	21.00	2.33	11.73	11.466
6.00	8.33	16.63	24.897	21.50	2.29	11.54	11.080
6.50	7.14	16.57	24.438	22.00	2.25	11.35	10.701
7.00	6.15	16.50	24.029	22.50	2.21	11.16	10.328
7.50	5.44	16.40	23.587	23.00	2.18	10.98	9.961
8.00	4.94	16.28	23.126	23.50	2.15	10.80	9.601
8.50	4.56	16.16	22.652	24.00	2.11	10.62	9.246
9.00	4.28	16.04	22.169	24.50	1.26	10.44	8.882
9.50	4.07	15.89	21.681	25.00	.74	10.25	8.495
10.00	3.89	15.73	21.192	25.50	.47	10.05	8.099
10.50	3.74	15.57	20.703	26.00	.31	9.85	7.704
11.00	3.62	15.41	20.215	26.50	.20	9.66	7.312
11.50	3.51	15.24	19.729	27.00	.13	9.46	6.923
12.00	3.40	15.07	19.245	27.50	.09	9.27	6.541
12.50	3.31	14.88	18.765	28.00	.05	9.08	6.165
13.00	3.22	14.65	18.290	28.50	.04	8.90	5.795
13.50	3.14	14.41	17.821	29.00	.02	8.72	5.432
14.00	3.07	14.18	17.359	29.50	.01	8.54	5.076



STAGE-STORAGE TABLE				
ELEV	AREA		DEPTH	STORAGE (cc-ft)
	SF	AC		
4988	60023	1.4	0	0.0
4989	86642	2.0	1	1.7
4990	91052	2.1	2	3.5
4991	92382	2.1	3	5.6
4992	95330	2.2	4	7.7
4993	98310	2.3	5	10.0
4994	101323	2.3	6	12.3
4995	104535	2.4	7	14.7
4996	107501	2.5	8	17.1
4997	108322	2.5	9	19.2
4998	113747	2.6	10	22.3
4999	111148	2.6	11	24.4
5000	117674	2.7	12	27.4
5001	118743	2.7	13	30.0
5002	119088	2.8	14	32.4
5003	122136	2.8	15	35.3
5004	126531	2.9	16	38.4
5005	128499	2.9	17	41.3



PHASING PLAN

- 1.) PHASE I PHASE I INCLUDES DRAINAGE BASINS WITHIN THE BOUNDARIES OF CENTRAL AVE., BATAAN DR., CARLOS REY AVE., AND OLD COORS DR. SW. ADDITIONAL DRAINAGE BASINS CONTRIBUTING TO GONZALES POND INCLUDES A RESIDENTIAL AREA SOUTH OF THE SITE AND THE BASIN WHERE THE POND IS LOCATED. THE DESIGN OUTFLOW IS RESTRICTED TO 17 CFS. THE OUTFLOW IS CONVEYED TO THE CENTRAL AVE. SYSTEM AT 51ST ST. AND CHURCHILL RD. UNTIL THE OSAGE/LA MEDIA PROJECT IS COMPLETE.
- 2.) PHASE II PHASE II INCLUDES THE PHASE I DRAINAGE BASINS WITH OUTFLOW TO THE OSAGE/LA MEDIA PROJECT. THE DESIGN OUTFLOW IS LIMITED TO 64 CFS.
- 3.) PHASE III PHASE III INCLUDES THE PHASE I DRAINAGE BASINS IN ADDITION TO THE PROPOSED UPPER CENTRAL BASINS LOCATED NORTH OF CENTRAL AVE. THE DESIGN OUTFLOW IS LIMITED TO 64 CFS.



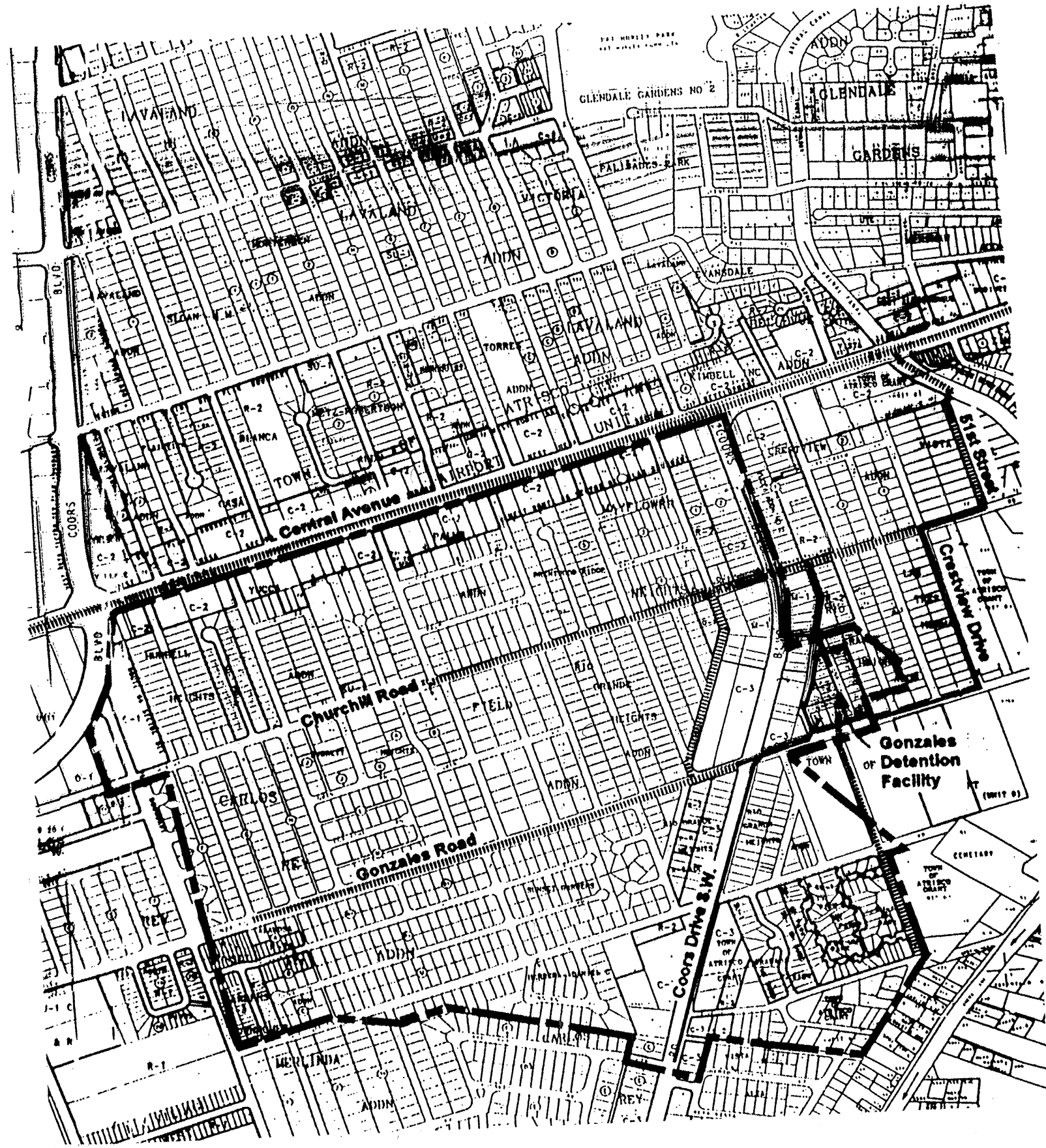
Gannett Fleming West, Inc.
ENGINEERS AND PLANNERS

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE: GONZALES POND IMPROVEMENTS
FILING SHEET - PHASE I

Design Review Committee 	City Engineer Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.
City Project No. 4750.91	Zone Map No. K-11	Sheet 2	Of 37	

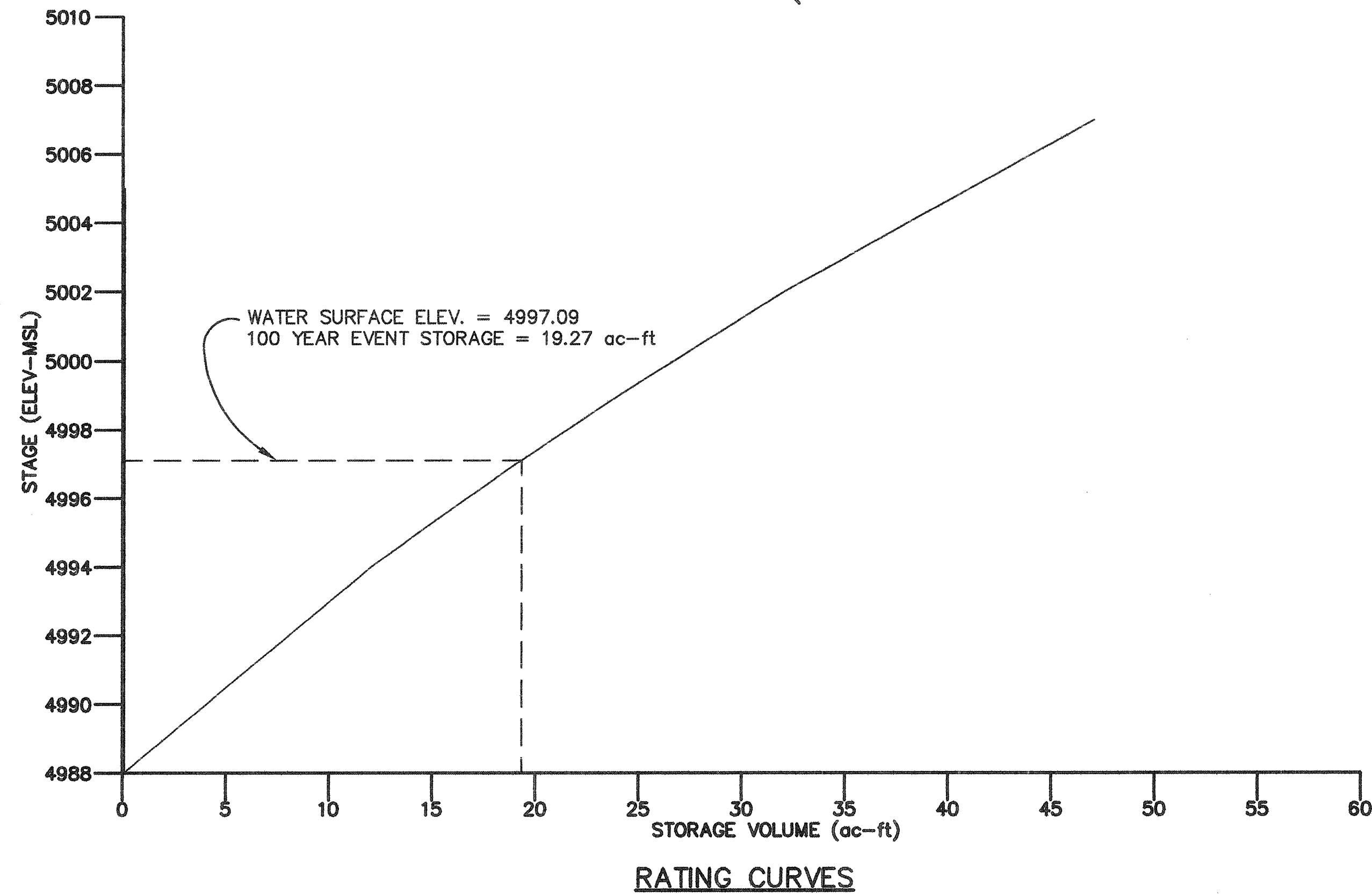
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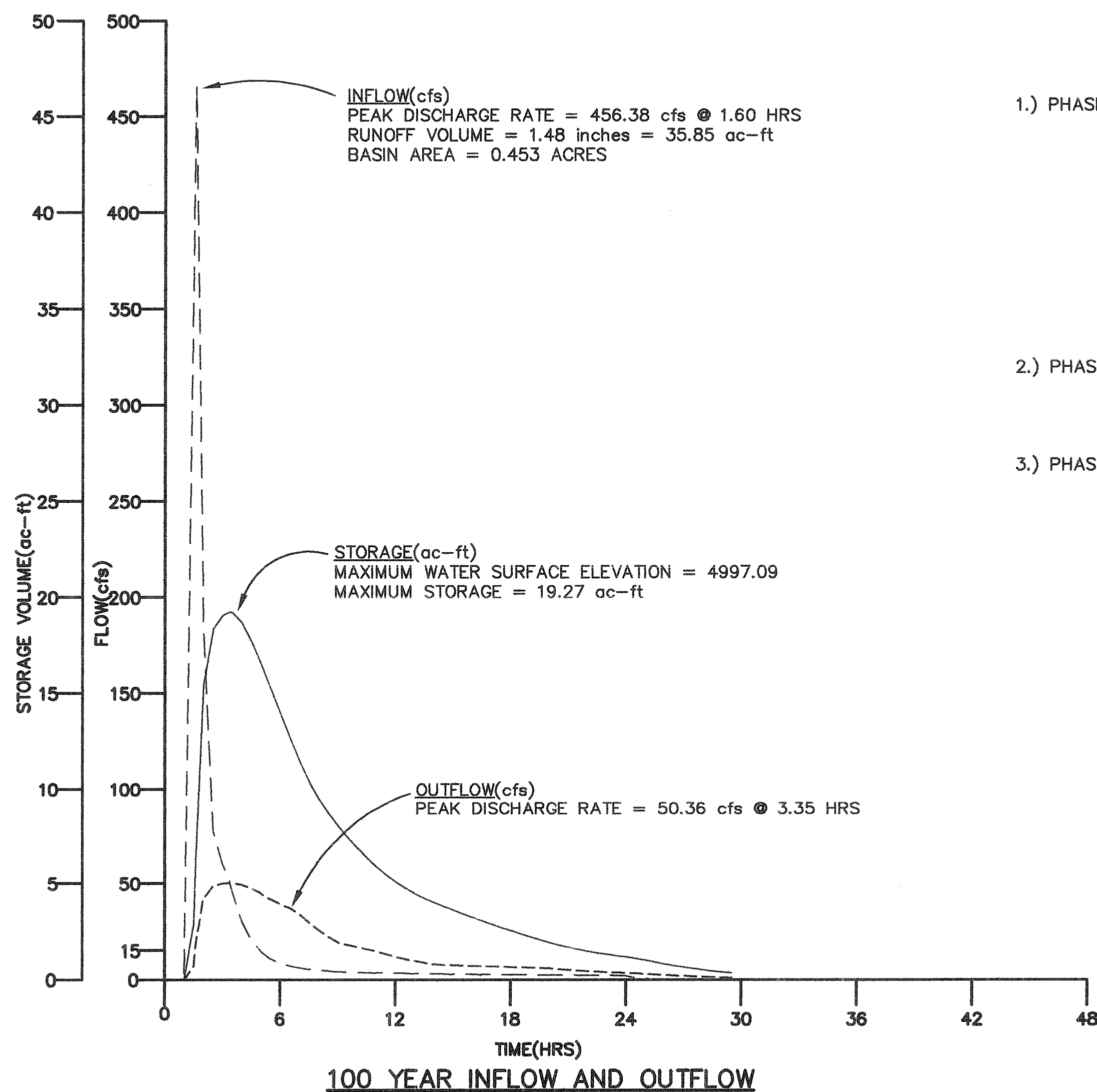
100 YEAR STORM DRAINAGE AREA

100 YEAR STORM: HYDROGRAPH TABLE							
TIME (HRS)	INFLOW (CFS)	OUTFLOW (CFS)	STORAGE (AC-FT)	TIME (HRS)	INFLOW (CFS)	OUTFLOW (CFS)	STORAGE (AC-FT)
.00	.00	.00	.000	14.50	3.00	7.82	3.817
.50	.00	.00	.000	15.00	2.93	7.62	3.621
1.00	.00	.00	.000	15.50	2.87	7.43	3.430
1.50	340.50	6.63	2.625	16.00	2.81	7.24	3.244
1.60	456.38	13.74	5.240	16.50	2.75	7.06	3.064
2.00	191.30	41.72	15.289	17.00	2.70	6.89	2.888
2.50	78.50	48.80	18.401	17.50	2.64	6.72	2.717
3.00	60.00	50.16	19.117	18.00	2.59	6.55	2.551
3.35	49.82	50.36	19.27	18.50	2.54	6.39	2.390
3.50	45.45	50.37	19.26	19.00	2.49	6.23	2.233
4.00	30.20	49.50	18.749	19.50	2.46	6.08	2.081
4.50	20.49	47.55	17.773	20.00	2.41	5.80	1.935
5.00	14.41	44.92	16.570	20.50	2.37	5.41	1.802
5.50	10.60	41.72	15.290	21.00	2.33	5.05	1.683
6.00	8.33	39.34	14.006	21.50	2.29	4.73	1.576
6.50	7.14	37.24	12.741	22.00	2.25	4.44	1.481
7.00	6.15	34.11	11.528	22.50	2.21	4.18	1.395
7.50	5.44	29.79	10.448	23.00	2.18	3.95	1.317
8.00	4.94	25.81	9.513	23.50	2.15	3.74	1.248
8.50	4.56	22.23	8.718	24.00	2.11	3.56	1.185
9.00	4.28	19.21	8.046	24.50	2.07	3.34	1.114
9.50	4.07	17.91	7.454	25.00	2.04	3.06	1.021
10.00	3.89	16.80	6.902	25.50	2.01	2.77	.925
10.50	3.74	15.77	6.387	26.00	2.00	2.50	.832
11.00	3.62	14.68	5.908	26.50	2.00	2.23	.745
11.50	3.51	13.18	5.480	27.00	2.00	1.99	.664
12.00	3.41	11.97	5.106	27.50	2.00	1.77	.591
12.50	3.31	10.72	4.778	28.00	2.00	1.57	.525
13.00	3.22	9.72	4.492	28.50	2.00	1.40	.465
13.50	3.14	8.84	4.240	29.00	2.00	1.24	.412
14.00	3.07	8.07	4.019	29.50	2.00	1.09	.365

PHASE II (Not for construction)



STAGE-STORAGE TABLE				
ELEV	AREA	DEPTH	STORAGE	
	SF	AC	ft	(ac-ft)
4988	60023	1.4	0	0.0
4989	86642	2.0	1	1.7
4990	91052	2.1	2	3.5
4991	92382	2.1	3	5.6
4992	95330	2.2	4	7.7
4993	98310	2.3	5	10.0
4994	101323	2.3	6	12.3
4995	104430	2.4	7	14.7
4996	107503	2.5	8	17.1
4997	108322	2.5	9	19.2
4998	113747	2.6	10	22.3
4999	111148	2.6	11	24.4
5000	117674	2.7	12	27.4
5001	118743	2.7	13	30.0
5002	119088	2.7	14	32.4
5003	122136	2.8	15	35.3
5004	126531	2.9	16	38.4
5005	128499	2.9	17	41.3



PHASING PLAN

- 1.) PHASE I PHASE I INCLUDES DRAINAGE BASINS WITHIN THE BOUNDARIES OF CENTRAL AVE., BATAAN DR., CARLOS REY AVE., AND OLD COORS DR. SW. ADDITIONAL DRAINAGE BASINS CONTRIBUTING TO GONZALES POND INCLUDES A RESIDENTIAL AREA SOUTH OF THE SITE AND THE BASIN WHERE THE POND IS LOCATED. THE DESIGN OUTFLOW IS RESTRICTED TO 17 CFS. THE OUTFLOW IS CONVEYED TO THE CENTRAL AVE. SYSTEM AT 51ST ST. AND CHURCHILL RD. UNTIL THE OSAGE/LA MEDIA PROJECT IS COMPLETE.
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- 3.) PHASE III PHASE III INCLUDES THE PHASE I DRAINAGE BASINS IN ADDITION TO THE PROPOSED UPPER CENTRAL BASINS LOCATED NORTH OF CENTRAL AVE. THE DESIGN OUTFLOW IS LIMITED TO 64 CFS.

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
26-4750.91 0397



CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE: GONZALES POND IMPROVEMENTS
FILING SHEET - PHASE II

Design Review Committee City Engineer Approval

Mo./Day/Yr. Mo./Day/Yr.

City Project No. 4750.91 Zone Map No. K-11

Sheet 3 Of 37

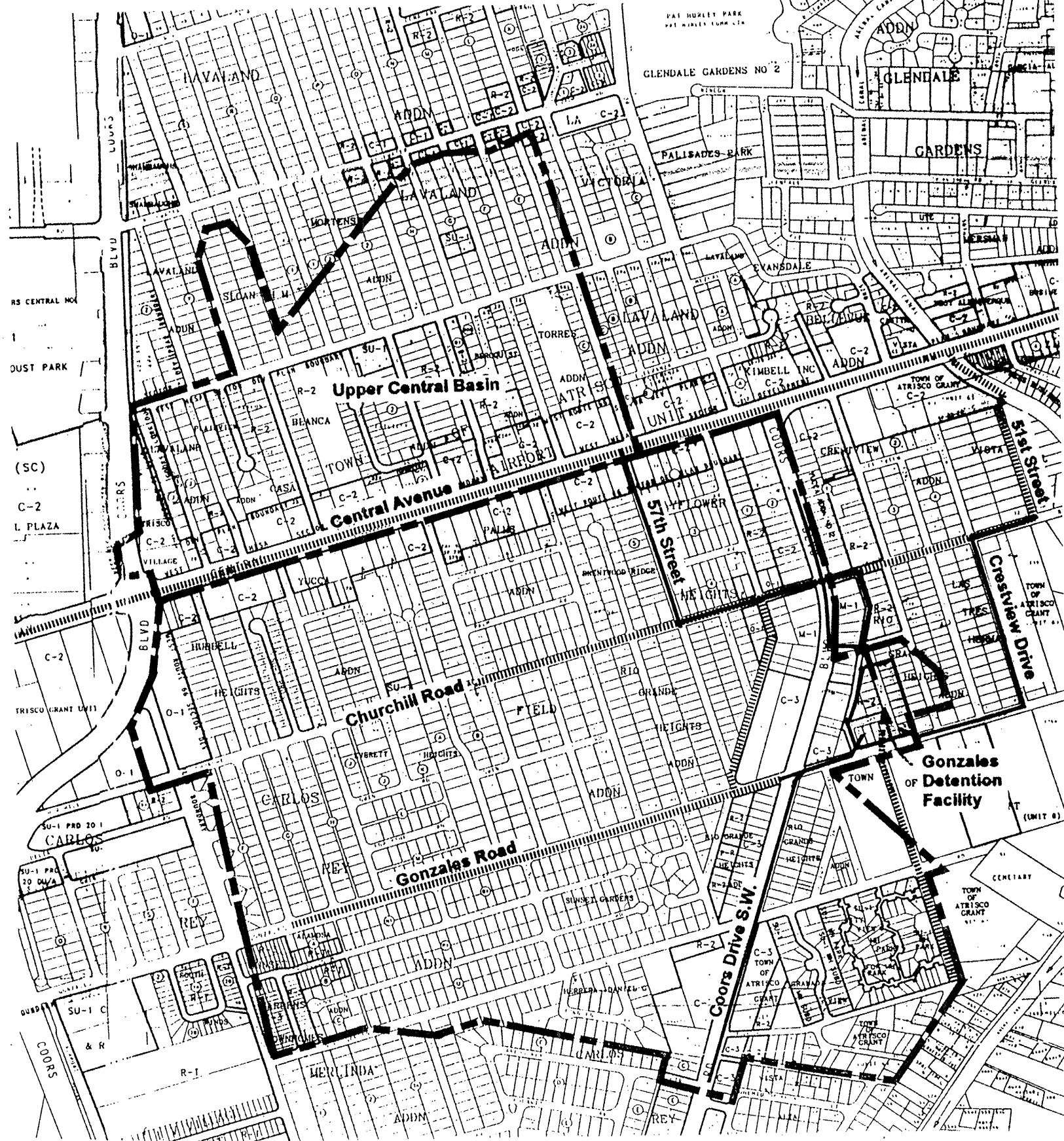
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CONTRACTOR R.M.C.I., INC. DATE 2/97
STATIONED BY R.M.C.I., INC. DATE 2/97
FIELD ACCEPTANCE BY C.O.A. DATE 2/97
DRAWINGS BY C.O.A. DATE 2/97
CORRECTED BY GFW DATE 2/97
RECORDED BY DATE

BENCH MARKS
NM45-3A, CITY OF ALBUQUERQUE BENCH MARK STATION
IS A 3/4" ALUMINUM TABLE STAMPED "NM-3A, 1984"
SET FLUSH WITH THE ROAD. THE STATION IS LOCATED
31' SOUTH OF THE INTERSECTION OF OLD COORS BLVD.
AND GONZALES ROAD ALONG THE CENTERLINE OF COORS.
X=366206.41, Y=1483333.25 ELEVATION = 5017.927

SURVEY INFORMATION
FIELD NOTES
NO. 1
BY GFW
DATE 10-9-95

ENGINEER'S SEAL
J. R. STUMP III
REGISTERED PROFESSIONAL ENGINEER
NO. 1320
DATE 10/11/21

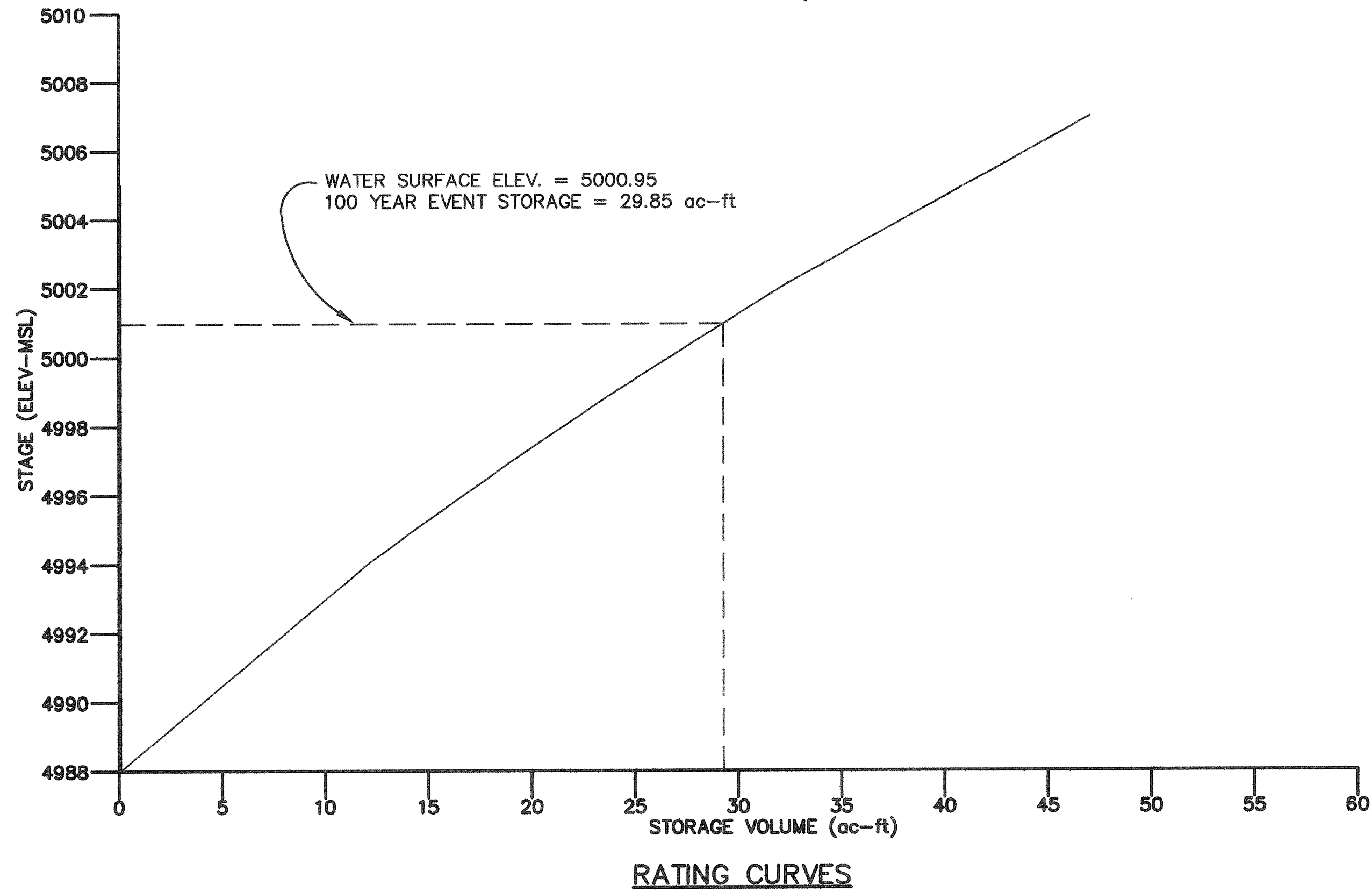
REVISIONS
NO. DATE BY
DESIGNED BY JOM DATE DEC. 1995
DRAWN BY JTN DATE DEC. 1995
CHECKED BY JMS DATE DEC. 1995



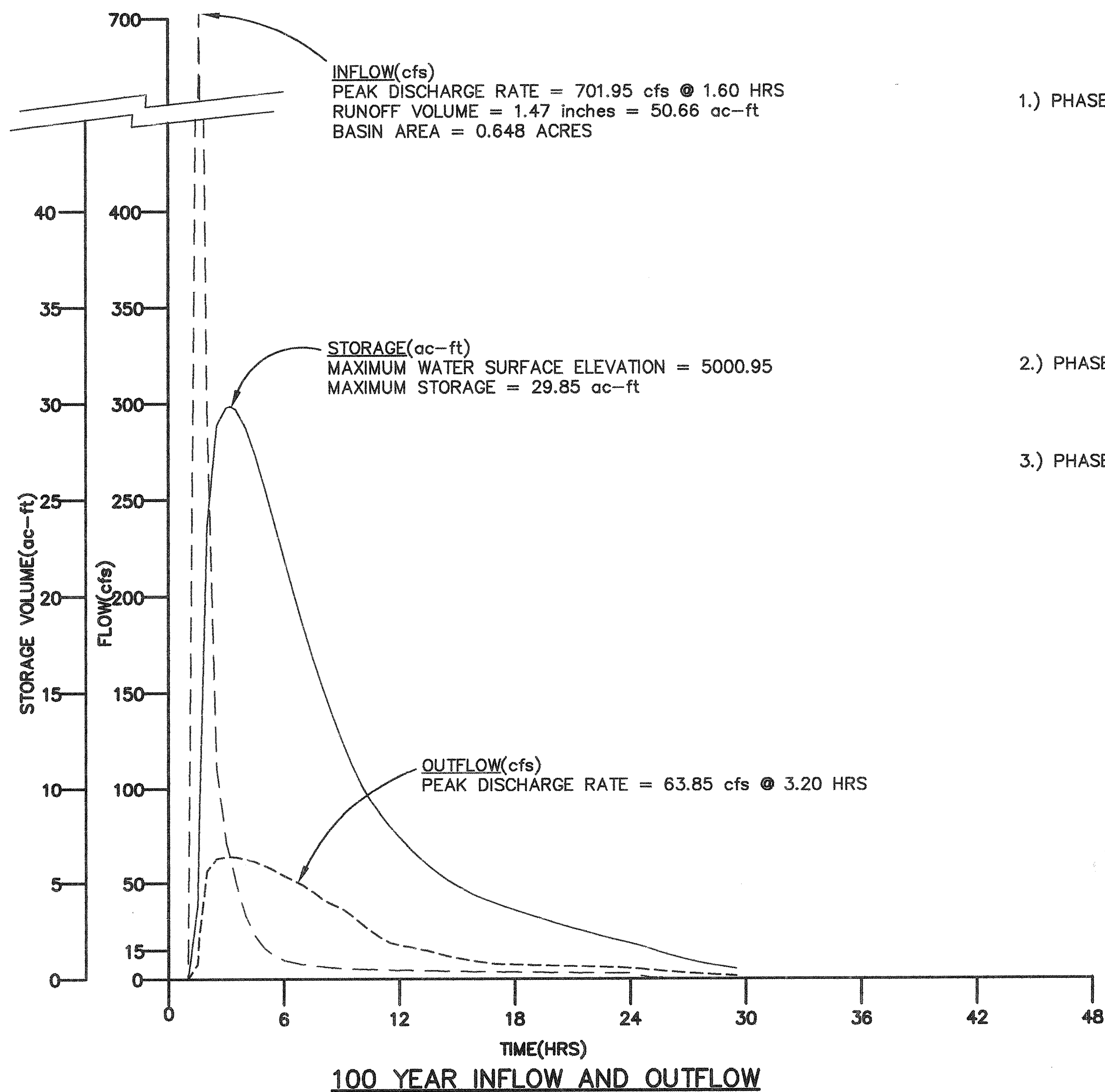
100 YEAR STORM DRAINAGE AREA
(INCLUDES UPPER CENTRAL BASIN)

100 YEAR STORM: HYDROGRAPH TABLE							
TIME (HRS)	INFLOW (CFS)	OUTFLOW (CFS)	STORAGE (AC-FT)	TIME (HRS)	INFLOW (CFS)	OUTFLOW (CFS)	STORAGE (AC-FT)
.00	.00	.00	.000	14.50	4.07	12.08	5.165
.50	.00	.00	.000	15.00	3.98	10.99	4.855
1.00	.00	.00	.000	15.50	3.90	10.04	4.584
1.50	533.92	7.76	3.761	16.00	3.81	9.21	4.346
1.60	701.95	17.50	7.739	16.50	3.73	8.48	4.137
2.00	300.95	56.48	23.653	17.00	3.67	7.95	3.952
2.50	111.28	62.89	28.885	17.50	3.59	7.78	3.777
3.00	70.67	63.63	29.828	18.00	3.52	7.61	3.606
3.20	62.40	63.85	29.853	18.50	3.45	7.44	3.439
3.50	50.00	63.72	29.719	19.00	3.39	7.28	3.277
4.00	33.04	62.79	28.793	19.50	3.34	7.12	3.118
4.50	22.47	61.36	27.356	20.00	3.27	6.96	2.964
5.00	16.03	59.20	25.647	20.50	3.22	6.81	2.813
5.50	12.10	56.74	23.825	21.00	3.16	6.67	2.666
6.00	9.86	53.98	21.987	21.50	3.11	6.52	2.523
6.50	8.78	51.59	20.189	22.00	3.05	6.38	2.384
7.00	7.79	48.90	18.450	22.50	3.00	6.25	2.248
7.50	7.04	45.51	16.804	23.00	2.96	6.12	2.116
8.00	6.48	41.70	15.282	23.50	2.92	5.96	1.987
8.50	6.04	38.12	13.875	24.00	2.87	5.80	1.868
9.00	5.71	36.91	12.547	24.50	2.82	5.60	1.741
9.50	5.46	33.26	11.315	25.00	.84	4.75	1.583
10.00	5.24	29.00	10.251	25.50	.51	4.27	1.424
10.50	5.04	25.06	9.347	26.00	.33	3.82	1.274
11.00	4.89	21.65	8.589	26.50	.21	3.41	1.136
11.50	4.74	18.91	7.954	27.00	.14	3.03	1.010
12.00	4.62	17.78	7.389	27.50	.09	2.69	.896
12.50	4.49	16.73	6.865	28.00	.05	2.38	.795
13.00	4.37	15.75	6.377	28.50	.04	2.11	.704
13.50	4.27	14.73	5.924	29.00	.02	1.87	.623
14.00	4.17	13.32	5.519	29.50	.01	1.65	.551

PHASE III (Not for construction)



STAGE-STORAGE TABLE				
ELEV	AREA SF	AC	DEPTH ft	STORAGE (ac-ft)
4988	60023	1.4	0	0.0
4989	86642	2.0	1	1.7
4990	91052	2.1	2	3.5
4991	92382	2.1	3	5.6
4992	95330	2.2	4	7.7
4993	98310	2.3	5	10.0
4994	101323	2.3	6	12.3
4995	104430	2.4	7	14.7
4996	107503	2.5	8	17.1
4997	108322	2.5	9	19.2
4998	113747	2.6	10	22.3
4999	111148	2.6	11	24.4
5000	117674	2.7	12	27.4
5001	118743	2.7	13	30.0
5002	119088	2.7	14	32.4
5003	122136	2.8	15	35.3
5004	126531	2.9	16	38.4
5005	128499	2.9	17	41.3



PHASING PLAN

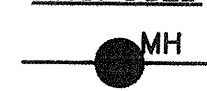
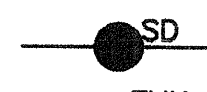
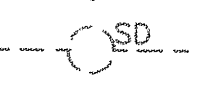
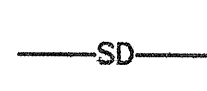
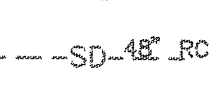
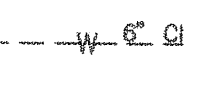
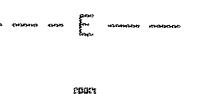
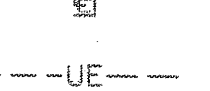
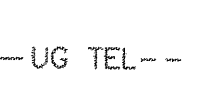
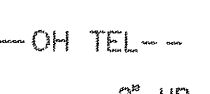
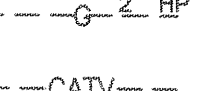
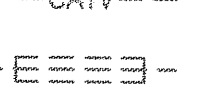
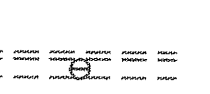
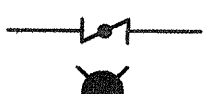
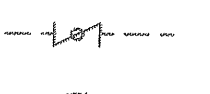
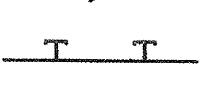
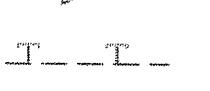
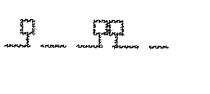
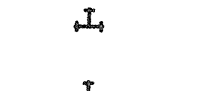
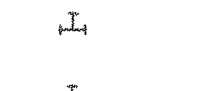
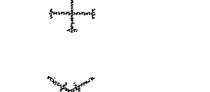
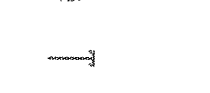
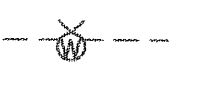
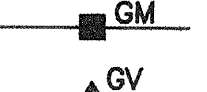
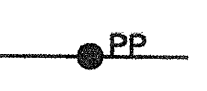
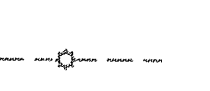
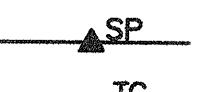
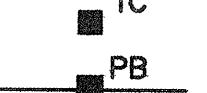
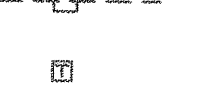
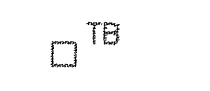
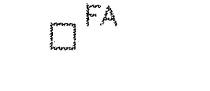
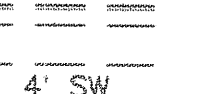
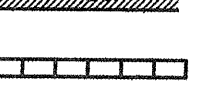
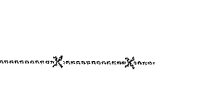
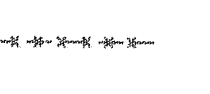
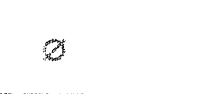
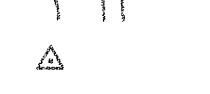
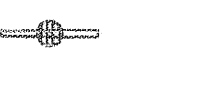
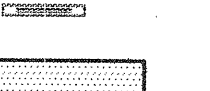
- 1.) PHASE I PHASE I INCLUDES DRAINAGE BASINS WITHIN THE BOUNDARIES OF CENTRAL AVE., BATAAN DR., CARLOS REY AVE., AND OLD COORS DR. SW. ADDITIONAL DRAINAGE BASINS CONTRIBUTING TO GONZALES POND INCLUDES A RESIDENTIAL AREA SOUTH OF THE SITE AND THE BASIN WHERE THE POND IS LOCATED. THE DESIGN OUTFLOW IS RESTRICTED TO 17 CFS. THE OUTFLOW IS CONVEYED TO THE CENTRAL AVE. SYSTEM AT 51ST ST. AND CHURCHILL RD. UNTIL THE OSAGE/LA MEDIA PROJECT IS COMPLETE.
- 2.) PHASE II PHASE II INCLUDES THE PHASE I DRAINAGE BASINS WITH OUTFLOW TO THE OSAGE/LA MEDIA PROJECT. THE DESIGN OUTFLOW IS LIMITED TO 64 CFS.
- 3.) PHASE III PHASE III INCLUDES THE PHASE I DRAINAGE BASINS IN ADDITION TO THE PROPOSED UPPER CENTRAL BASINS LOCATED NORTH OF CENTRAL AVE. THE DESIGN OUTFLOW IS LIMITED TO 64 CFS.

26-4750.91 01/04/97

Gannett Fleming West, Inc.
ENGINEERS AND PLANNERS

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP
TITLE: **GONZALES POND IMPROVEMENTS
FILING SHEET - PHASE III**

Design Review Committee City Engineer Approval
City Project No. **4750.91** Zone Map No. **K-11** Sheet **4** Of **37**

PROPOSED	EXISTING	DESCRIPTION
		SANITARY SEWER MANHOLE
		STORM DRAIN MANHOLE
		TELEPHONE MANHOLE
		MANHOLE
		SANITARY SEWER LINE w/SIZE & TYPE
		STORM DRAIN LINE w/SIZE & TYPE
		WATER LINE w/SIZE & TYPE
		OVERHEAD ELECTRICAL LINE
		ELECTRICAL RISER
		UNDERGROUND ELECTRICAL/TRAFFIC CONTROL
		UNDERGROUND TELEPHONE
		OVERHEAD TELEPHONE
		GAS LINE w/SIZE & TYPE
		CABLE TELEVISION LINE
		ENCASEMENT
		STORM INLET (GRADE ELEVATION GIVEN IN PLANS IN PLANS IS EXTENDED FLOW LINE)
		WATER RISER
		WATER VALVE
		BUTTERFLY VALVE
		FIRE HYDRANT
		REDUCER
		SAS SERVICE CONNECTION
		WATER SERVICE CONNECTION
		TEES
		CROSSES
		BENDS
		CAPS & PLUGS
		WATER METER
		GAS METER
		GAS RISER
		VALVE BOX
		POWER POLE
		TRAFFIC SIGNAL
		TRAFFIC CONTROL BOX
		PULL BOX
		TELEPHONE RISER
		TELEPHONE BOOTH
		FIRE ALARM BOX
		CURB & GUTTER
		SIDEWALK
		BLOCK WALL
		CHAIN LINK FENCE
		FIELD FENCE
		RIGHT OF WAY LINES
		PROPERTY LINES(SIDE)
		PUBLIC EASEMENT
		POWER POLE W/LIGHT
		DRIVEPAD
		MOBILITY IMPAIRED ACCESS RAMP
		C.O.A. PROJECT CONTROL POINT OR A.C.S. MONUMENT DO NOT DISTURB
		TEST BORING
		HORIZ. & VERT. CONTROL
		SIGN OR BILLBOARD
		PARKING BUMPER
		EXISTING PAVEMENT
		MATERIAL TO BE REMOVED

GENERAL NOTES:

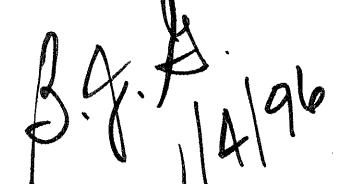
- ITEMS DESIGNATED FOR REMOVAL WITHOUT SALVAGE, UNSUITABLE CONSTRUCTION MATERIALS AND DEBRIS FROM CLEANING AND GRUBBING, ARE TO BE PLACED IN AN ENVIRONMENTALLY SUITABLE DISPOSAL SITE SECURED AND COORDINATED BY THE CONTRACTOR, WITH THE APPROPRIATE REGULATORY AGENCIES. THE CONTRACTOR SHALL NOTIFY THE PROJECT MANAGER, IN WRITING, OF THE DETAILS OF THE DISPOSAL OPERATIONS. BORROW MATERIAL, ROCK WASTE, VEGETATIVE DEBRIS, ETC. SHALL NOT BE PLACED IN WETLAND AREAS OR AREAS WHICH MAY IMPACT ENDANGERED SPECIES OR ARCHAEOLOGICAL RESOURCES. AN ARCHAEOLOGICAL SURVEY AND ENVIRONMENTAL CLEARANCE SHALL BE OBTAINED BY THE CONTRACTOR BEFORE DISPOSAL SITES ARE ACCEPTED.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPORTING ANY CLEANUP OF SPILLS ASSOCIATED WITH PROJECT CONSTRUCTION AND SHALL REPORT AND RESPOND TO SPILLS OF HAZARDOUS MATERIALS SUCH AS GASOLINE, DIESEL, MOTOR OILS, SOLVENTS, CHEMICALS, TOXIC AND CORROSIVE SUBSTANCES, AND OTHER MATERIALS WHICH MAY BE A THREAT TO PUBLIC HEALTH OR THE ENVIRONMENT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPORTING PAST SPILLS ENCOUNTERED DURING CONSTRUCTION AND OF CURRENT SPILLS NOT ASSOCIATED WITH CONSTRUCTION. REPORTS SHALL BE MADE IMMEDIATELY TO THE NEW MEXICO ENVIRONMENTAL DEPARTMENT EMERGENCY RESPONSE TEAM AT 827-4308 OR 470-3657 AND TO THE PROJECT MANAGER.
- ALL WORK IN THE VICINITY OF LIVE STREAMS, WATER IMPOUNDMENTS, WETLANDS OR IRRIGATION SUPPLIES SHALL BE EFFECTED IN SUCH A MANNER AS TO MINIMIZE VEGETATION REMOVAL, SOIL DISTURBANCE AND EROSION. CROSSINGS OF LIVE STREAMS WITH HEAVY EQUIPMENT SHALL BE MINIMIZED, AS DETERMINED BY THE PROJECT MANAGER. EQUIPMENT REFUELING, MAINTENANCE AND CEMENT DUMPING IN THE VICINITY OF WATER COURSES IS STRICTLY PROHIBITED AND SHALL BE PERFORMED IN PROPER CONTAINMENT AREAS.
- THE CONTRACTOR SHALL PROVIDE INGRESS AND EGRESS TO LOCAL BUSINESSES AND RESIDENCES FOR THE DURATION OF THE PROJECT. THE CONTRACTOR SHALL ADVISE OF AND SCHEDULE ACCESS CLOSURES, AT LEAST 24 HOURS IN ADVANCE, WITH PROPERTY OWNERS AND THE PROJECT MANAGER.
- NO MATERIAL PITS HAVE BEEN DESIGNATED FOR THIS PROJECT. THE CONTRACTOR MAY OBTAIN SPECIFICATION FOR BORROW OR SURFACING MATERIAL FROM ANY ACCEPTABLE SOURCE.
- THE CONTRACTOR SHALL PROPERLY HANDLE AND DISPOSE OF ALL ASPHALT PAVEMENT MATTER REMOVED ON THE PROJECT BY: HAULING TO AN APPROVED LANDFILL IN ACCORDANCE WITH REGULATIONS OF THE NEW MEXICO SOLID WASTE ACT.
- THE CONTRACTOR SHALL CLEAN ALL EXISTING STRUCTURES THAT ARE TO REMAIN OPERATIONAL. STRUCTURES SHALL BE CLEAN AT THE TIME OF FINAL PROJECT ACCEPTANCE. THIS WORK WILL BE CONSIDERED AS INCIDENTAL TO THE COMPLETION OF THE PROJECT AND NO SEPARATE MEASUREMENT OR PAYMENT WILL BE MADE THEREFORE.
- THE CONTRACTOR SHALL BE REQUIRED TO COMPLY WITH ALL PERTINENT CITY ORDINANCES, PARTICULARLY RELATED TO NOISE. THE CITY PERMIT REVIEW ENGINEER MAY BE CONTACTED AT (505) 768-2637 FOR MORE INFORMATION.
- THE AIR POLLUTION CONTROL REGULATIONS OF THE ALBUQUERQUE-BERNALILLO COUNTY AIR QUALITY BOARD LIMIT EMISSION OF PARTICULATE MATTER AND THE USE OF CUT BACK ASPHALT. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO CLARIFY THESE RESTRICTIONS WITH THE ENVIRONMENT HEALTH DEPARTMENT PRIOR TO SUBMITTAL OF BIDS TO AVOID CONFLICT WITH THE REGULATIONS. FOR MORE INFORMATION CALL (505) 768-2600.
- THE CONTRACTOR SHALL BE RESTRICTED TO THE USE OF 35 TON NON-VIBRATING ROLLER MAXIMUM TO OBTAIN THE REQUIRED COMPACTION IN EMBANKMENT AND SUBGRADES IN URBAN AREAS WHERE THE USE OF HEAVIER EQUIPMENT COULD DAMAGE UNDERGROUND UTILITIES OR OTHER PERMANENT STRUCTURES.
- ALL WORK DETAILED ON THESE PLANS TO BE PERFORMED UNDER THIS 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, UPDATE NO. 6, OR AS MODIFIED BY THE PROJECT SPECIFICATIONS ENTITLED GONZALES POND IMPROVEMENTS, WHICHEVER IS MORE STRINGENT.
- THREE (3) 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 BARRICADING PERMIT FROM THE CONSTRUCTION COORDINATION DIVISION. CONTRACTOR SHALL NOTIFY BARRICADE ENGINEER (768-2551) PRIOR TO OCCUPYING AN INTERSECTION.

- TWO (2) WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT N.M. ONE-CALL SYSTEM, 260-1990, FOR LOCATION OF EXISTING UTILITIES.
- ALL NEW STREET PAVING, CURB AND GUTTER, SIDEWALKS OR DRIVEPADS SHALL MATCH THE ELEVATIONS OF ABUTTING EXISTING AREAS.
- THE CONTRACTOR SHALL COORDINATE HIS CONSTRUCTION ACTIVITIES WITH ALL OTHER CONTRACTORS AND UTILITY COMPANIES WORKING IN THE SAME AREA. THE CONTRACTOR MAY BE REQUIRED TO RESCHEDULE THEIR ACTIVITIES TO ALLOW ADDITIONAL CREWS TO PERFORM THEIR REQUIRED WORK. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR DELAYS OR INCONVENIENCE CAUSED BY UTILITY COMPANY WORK CREWS.
- WHEN ABUTTING NEW PAVEMENT TO EXISTING, CONTRACTOR SHALL SAW CUT EXISTING PAVEMENT TO A NEAT, STRAIGHT LINE, AS REQUIRED, TO REMOVE ANY BROKEN OR CRACKED PAVEMENT AND MATCH NEW TO EXISTING.
- CONTRACTOR IS RESPONSIBLE FOR REMOVAL AND DISPOSAL OF ALL DEMOLITION DEBRIS. SALVAGE OF ANY MATERIAL SHALL BE IDENTIFIED BY THE ENGINEER. WORK MATERIALS SHALL BE DISPOSED OF IN CITY APPROVED WASTE AREAS SECURED BY AND AT THE EXPENSE OF THE CONTRACTOR.
- THE CONTRACTOR SHALL ASSUME RESPONSIBILITY FOR ANY DAMAGE TO EXISTING PAVEMENTS, CURB AND GUTTER, OR SIDEWALK DURING CONSTRUCTION, APART FROM THOSE SECTIONS INDICATED FOR REMOVAL ON THE PLANS, AND SHALL REPAIR OR REPLACE SAME AT HIS OWN EXPENSE.
- CONTRACTOR SHALL BE RESPONSIBLE FOR ACQUIRING ALL PERMITS NECESSARY FOR CONSTRUCTION WHICH SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT PRICE.
- IMPROVEMENTS IN THIS PLAN SET ARE FUNDED BY THE CITY OF ALBUQUERQUE AND ARE NON-STATE/FEDERAL PARTICIPATING.
- ALL REFERENCES TO STANDARD DRAWINGS REFER TO CITY OF ALBUQUERQUE STANDARD DRAWINGS AS CONTAINED IN THE CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1986 EDITION, AS AMENDED UP TO UPDATE NO. 6.
- ALL WORK IMPACTING AN ARTERIAL ROADWAY WILL REQUIRE 24-HR CONSTRUCTION IN ACCORDANCE WITH THE CITY OF ALBUQUERQUE'S ORANGE BARREL POLICY.
- IN ACCORDANCE WITH THE ENVIRONMENTAL DOCUMENT ENTITLED "OSAGE/LA MEDIA STORM DRAINAGE PROJECT" PREPARED FOR THE CITY OF ALBUQUERQUE (JUNE 1995), THERE SHALL BE NO STOCKPIILING OF EXCAVATED MATERIAL FROM THE POND OR NEW STORM DRAIN LINES OUTSIDE OF EXISTING RIGHT-OF-WAY AS SHOWN IN THE SPECIAL PROVISIONS OF THE CONTRACT DOCUMENTS. IN ADDITION, THERE SHALL BE NO EXCAVATION OUTSIDE OF RIGHT-OF-WAY LIMITS.
- THE CONTRACTOR SHALL PROVIDE TEMPORARY WATER SERVICE FOR RESIDENTS ON 52nd AND 53rd STREET AS SHOWN ON SHEET 33 OF 37.
- CONTRACTOR SHALL REMOVE AND RECONSTRUCT THE EXISTING CMU WALL ALONG EAST PROPERTY BOUNDARY OF THE DETENTION POND 8" INSIDE CITY RIGHTS-OF-WAY.
- CAPPING OF THE NEW STORM DRAIN PIPE SHALL BE CONSIDERED INCIDENTAL TO STORM DRAIN PIPE CONSTRUCTION IN ACCORDANCE WITH THE CONTRACT PRICE AND NO ADDITIONAL PAYMENT WILL BE MADE.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPLACING ANY TRAFFIC SIGNS, SIGNALS, OR CONTROL DEVICES THAT ARE REMOVED DURING CONSTRUCTION. THIS SHALL BE CONSIDERED INCIDENTAL TO THE TRENCHING, BACKFILL, AND COMPACTION BID ITEM IN ACCORDANCE WITH THE CONTRACT PRICE AND NO ADDITIONAL PAYMENT SHALL BE MADE.
- CONTRACTOR SHALL INSTALL TRAFFIC BARRIERS, SIGNING AND OTHER DEVICES IN ACCORDANCE WITH ARCHAEOLOGICAL CLEARANCE AS DISCUSSED IN THE SPECIAL PROVISIONS. THIS WORK SHALL BE PAID FOR UNDER THE TRAFFIC CONTROL ALLOWANCE.
- CONTRACTOR SHALL NOTIFY CITY WATER SYSTEMS (857-8250) A MINIMUM OF FIVE (5) WORKING DAYS PRIOR TO SHUT OFF.
- ALL COMPACTION TO BE PERFORMED DURING THIS PROJECT SHALL BE 95% OF THE MODIFIED PROCTOR PER ASTM D-1557.
- ALL CONSTRUCTION, CONTROL, AND EXPANSION JOINTS SHALL BE CONSIDERED INCIDENTAL TO CONCRETE WORK IN ACCORDANCE WITH CONTRACT PRICE.
- ALL MANHOLES ON NEW 36" RCP OUTFALL LINE SHALL BE CONSTRUCTED WITH PRESSURE TYPE LOCKABLE LIDS WHICH SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT PRICE.



CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE: **GONZALES POND IMPROVEMENTS
GENERAL NOTES AND LEGEND**

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

City Project No. **4750.91** Zone Map No. **K-11** Sheet **5** Of **37**

RECORD DRAWING
Drawing revised to reflect the best information available. Do not use without field verification.

AS BUILT INFORMATION				BENCH MARKS				SURVEY INFORMATION				ENGINEER'S SEAL			
CONTRACTOR	R.A.C.I. INC.	DATE 2/97		CONTRACTOR	R.A.C.I. INC.	DATE 2/97		NO.	1	BY	GFW	DATE	10-9-95	DATE	10-9-95
STANDARD	R.A.C.I. INC.	DATE 2/97		STANDARD	R.A.C.I. INC.	DATE 2/97		DATE	10-9-95	DATE	10-9-95	DATE	10-9-95	DATE	10-9-95
FIELD	R.A.C.I. INC.	DATE 2/97		FIELD	R.A.C.I. INC.	DATE 2/97		NO.	1	BY	GFW	DATE	10-9-95	DATE	10-9-95
REVISIONS	R.A.C.I. INC.	DATE 2/97		REVISIONS	R.A.C.I. INC.	DATE 2/97		NO.	1	BY	GFW	DATE	10-9-95	DATE	10-9-95
DESIGNED BY	JCM	DATE DEC. 1995		DESIGNED BY	JCM	DATE DEC. 1995		NO.	1	BY	GFW	DATE	10-9-95	DATE	10-9-95
DRAWN BY	JTN	DATE DEC. 1995		DRAWN BY	JTN	DATE DEC. 1995		NO.	1	BY	GFW	DATE	10-9-95	DATE	10-9-95
CHECKED BY	JMS	DATE DEC. 1995		CHECKED BY	JMS	DATE DEC. 1995		NO.	1	BY	GFW	DATE	10-9-95	DATE	10-9-95

DATE: 12-04-95
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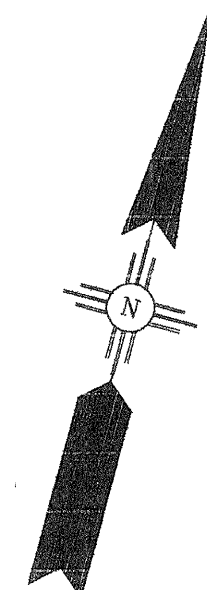
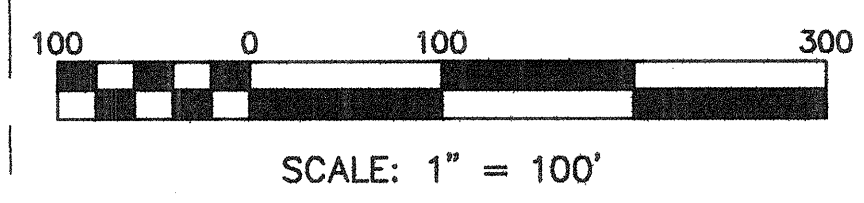
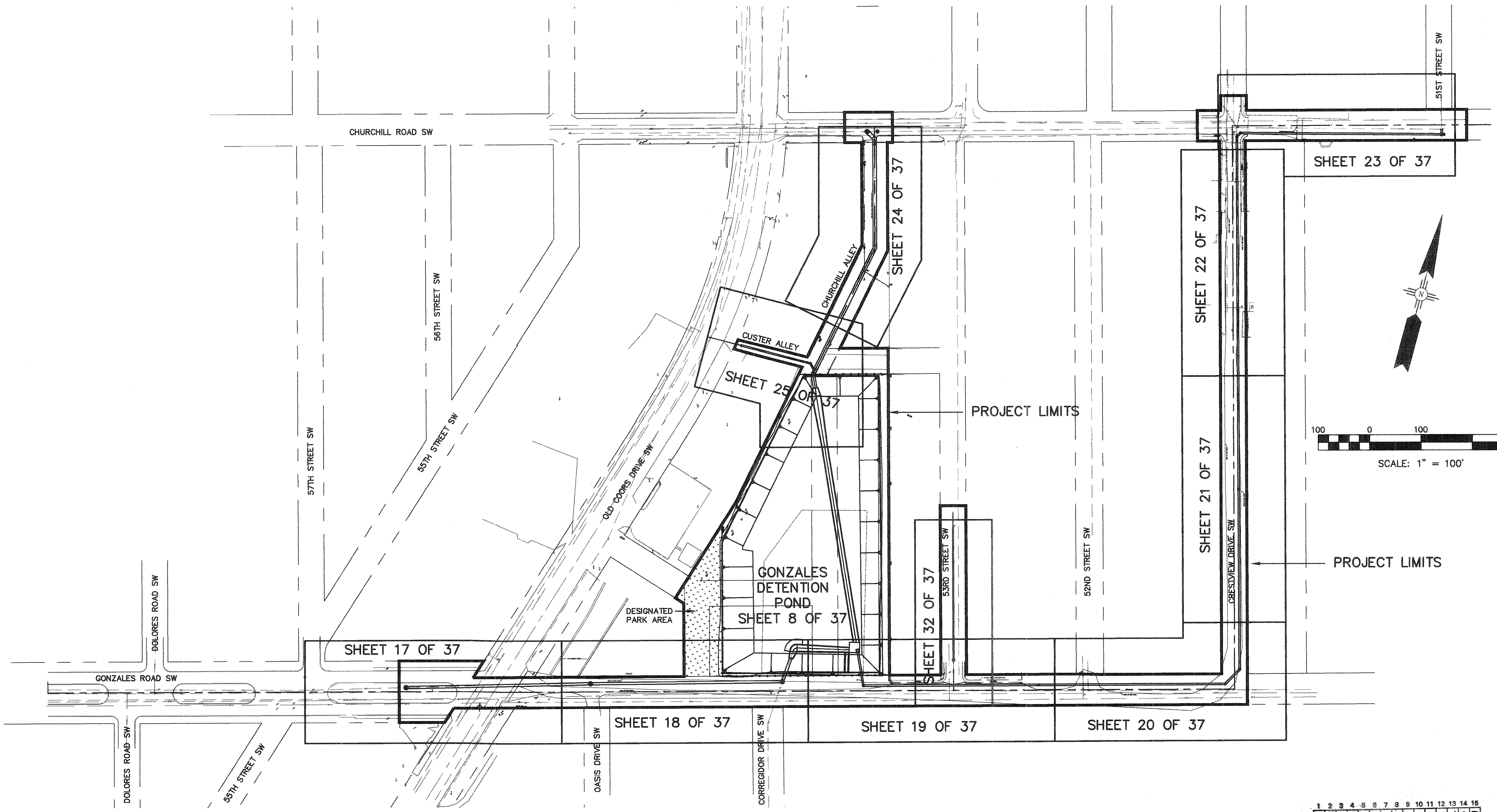
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NOTE: IN NO CASE SHALL THE CONTRACTOR, AGENTS,
OR SUBCONTRACTORS STOCKPILE MATERIAL EXCAVATED
FROM THE POND OR NEW STORM DRAINS OUTSIDE THE
LIMITS OF THIS PROJECT. REFER TO SPECIAL PROVISIONS
FOR FURTHER RESTRICTIONS AND BARRICADING REQUIREMENTS.

RECORD DRAWING
Drawing revised to reflect the
best information available. Do
not use without field verification.

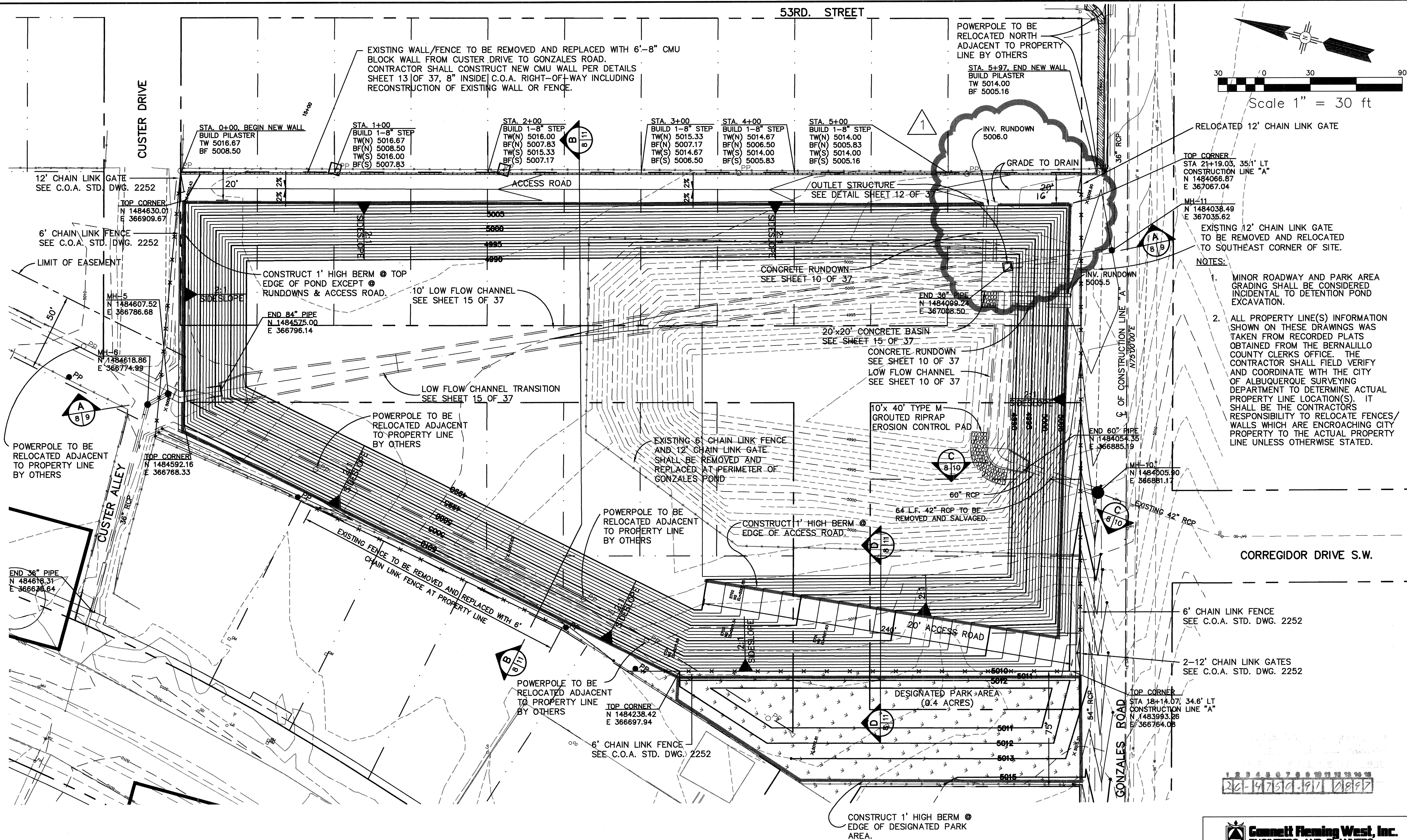


CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING DEVELOPMENT GROUP	
TITLE: GONZALES POND IMPROVEMENTS OVERALL MAP	
Design Review Committee	City Engineer Approval
City Project No. 4750.91	
Zone Map No. K-11	
Sheet 6 Of 37	



ENGINEER'S SEAL		SURVEY INFORMATION		BENCH MARKS		AS BUILT INFORMATION	
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NO. DATE		BY		DATE		WORK	
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REMARKS		REVISIONS		DESIGNED BY JCM		DESIGNED BY JCM	
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CHECKED BY JMS		CHECKED BY JMS		DATE DEC. 1995		DATE DEC. 1995	
MICRO-FILM INFORMATION		MICRO-FILM INFORMATION		MICRO-FILM INFORMATION		MICRO-FILM INFORMATION	
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DATE		DATE		DATE		DATE	

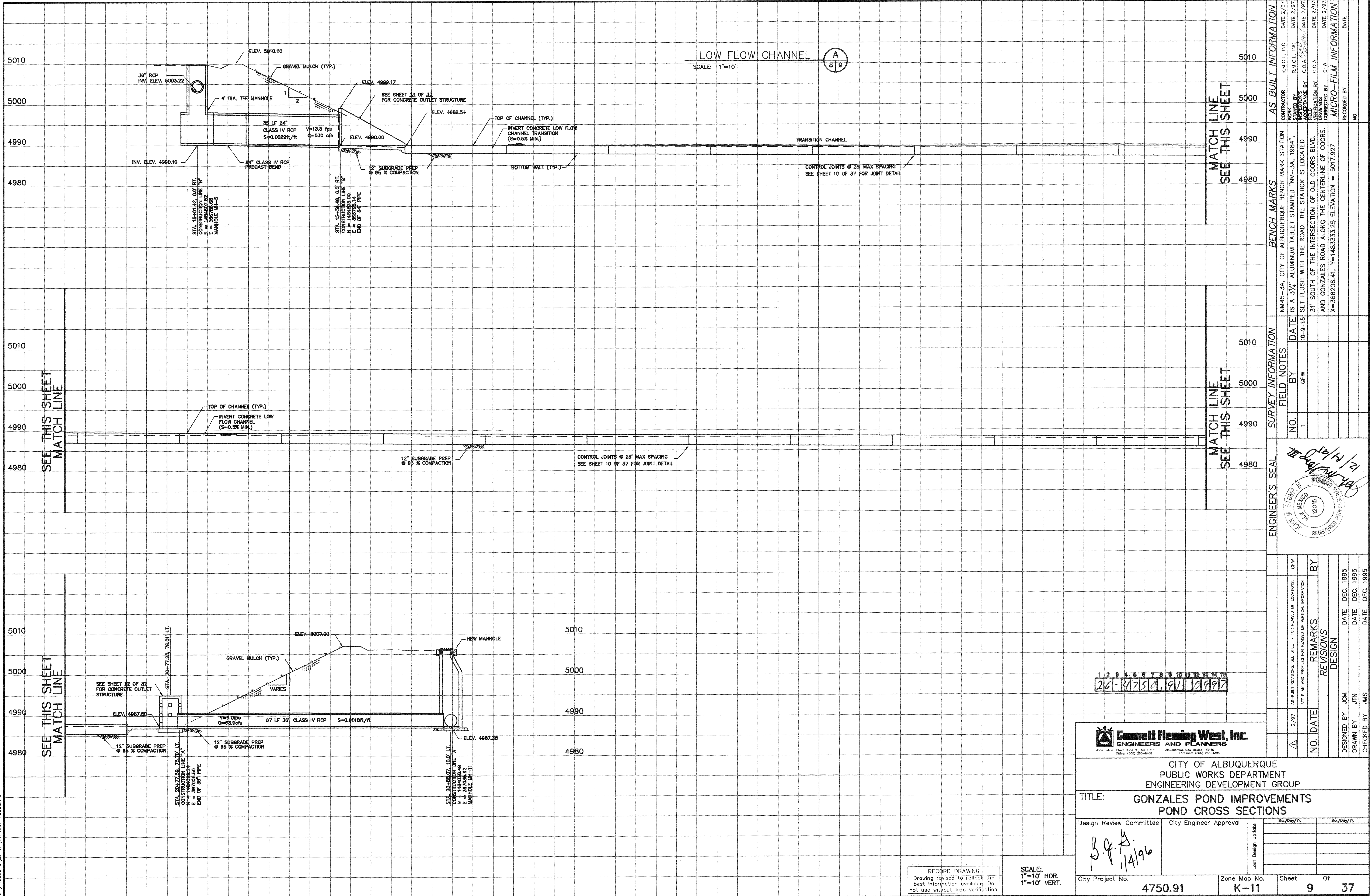
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CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING DEVELOPMENT GROUP	
TITLE: GONZALES POND IMPROVEMENTS GONZALES DETENTION POND - PLAN VIEW	
Design Review Committee	City Engineer Approval
City Project No. 4750.91	Zone Map No. K-11
Sheet 8	Of 37

RECORD DRAWING
Drawing revised to reflect the
best information available. Do
not use without field verification.

DATE: 12-04-95
K:\PROJECTS\2977\01\2977003.DWG



RECORD DRAWING
Drawing revised to reflect the best information available. Do not use without field verification.

SCALE:
1"=10' HOR.
1"=10' VERT.



CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP
TITLE: GONZALES POND IMPROVEMENTS
POND CROSS SECTIONS

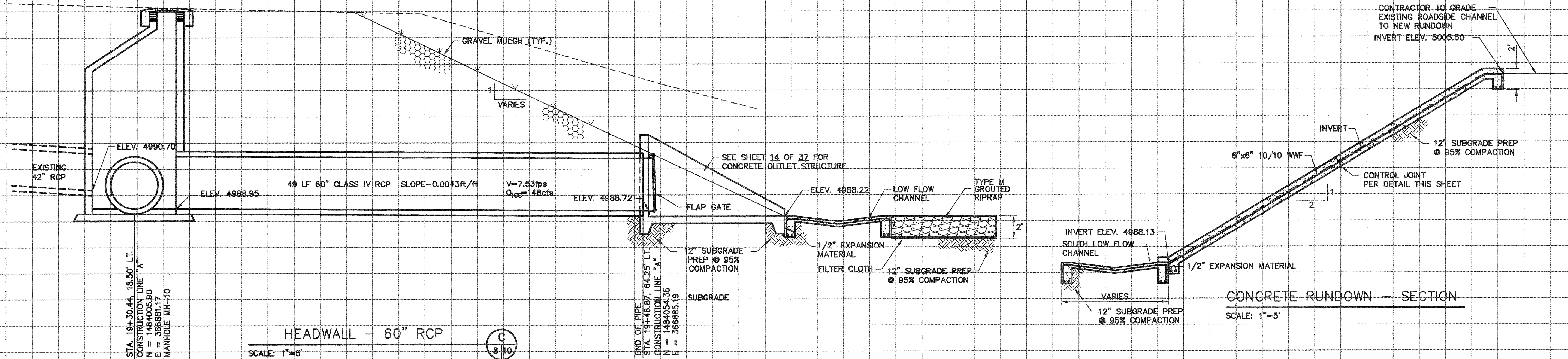
Design Review Committee City Engineer Approval

B.G.F.
1/4/96

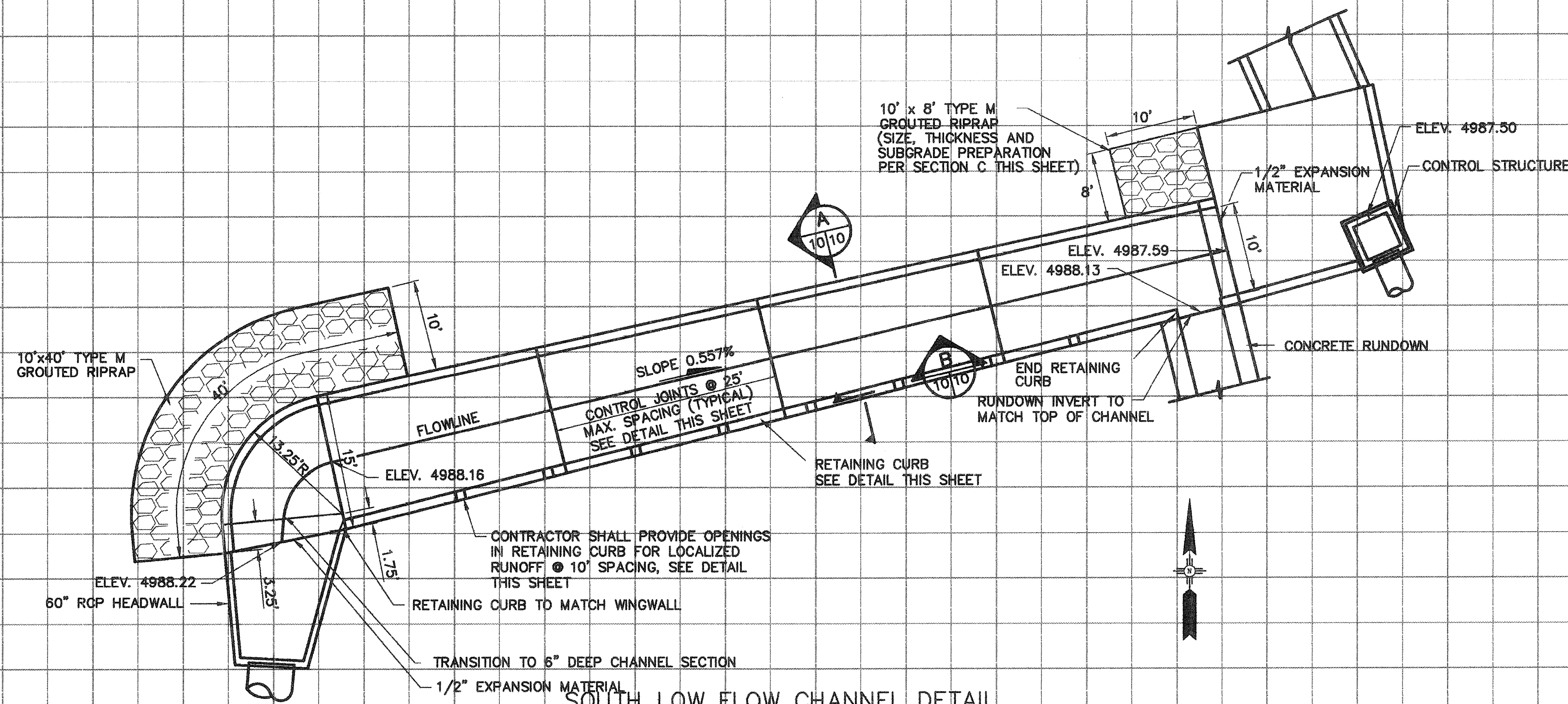
City Project No. 4750.91 Zone Map No. K-11 Sheet 9 of 37

		ENGINEER'S SEAL		SURVEY INFORMATION		BENCH MARKS		AS BUILT INFORMATION	
				FIELD NOTES		NM45-3A, CITY OF ALBUQUERQUE BENCH MARK STATION IS A 3/4" ALUMINUM TABLET STAMPED "NM-3A, 1984", SET FLUSH WITH THE ROAD. THE STATION IS LOCATED 31' SOUTH OF THE INTERSECTION OF OLD COORS BLVD. AND GONZALES ROAD ALONG THE CENTERLINE OF COORS.		CONTRACTOR R.M.C.I., INC. DATE 2/97	
						STARTED BY GFW DATE 2/97			
						INSPECTOR'S FIELD VERIFICATION BY C.O.A. DATE 2/97		REVISIONS	
						DRAWINGS BY GFW DATE 2/97		DESIGN	
						CHECKED BY JMS		MICRO-FILM INFORMATION	
						RECORDED BY		DATE	
						NO.			

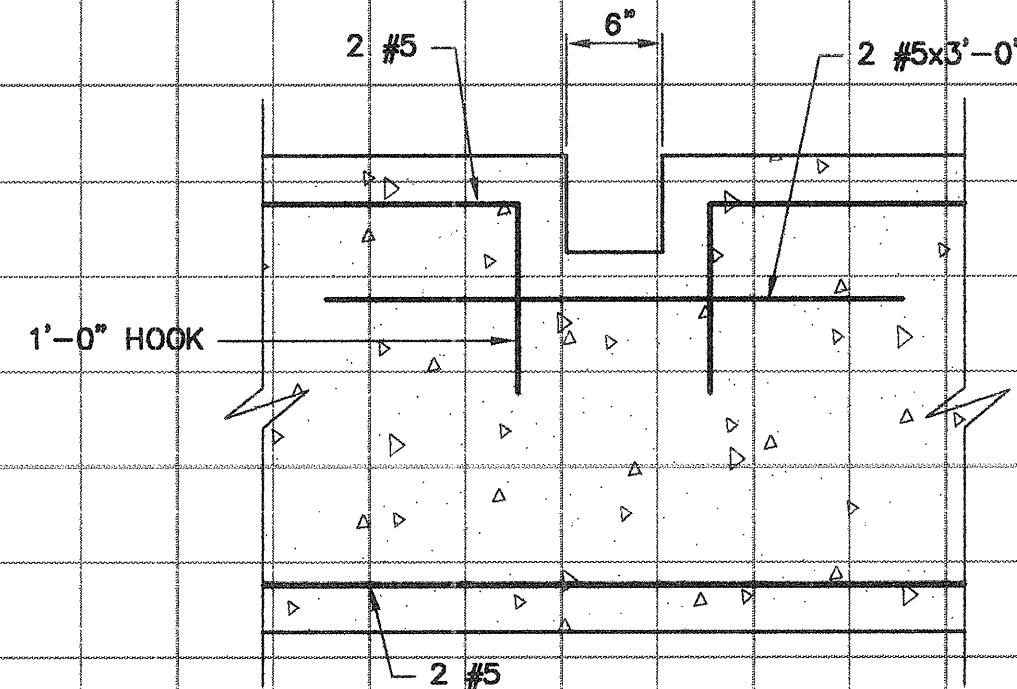
DATE: 12-04-95
C:\PROJECTS\29717\011\29717C01.DWG



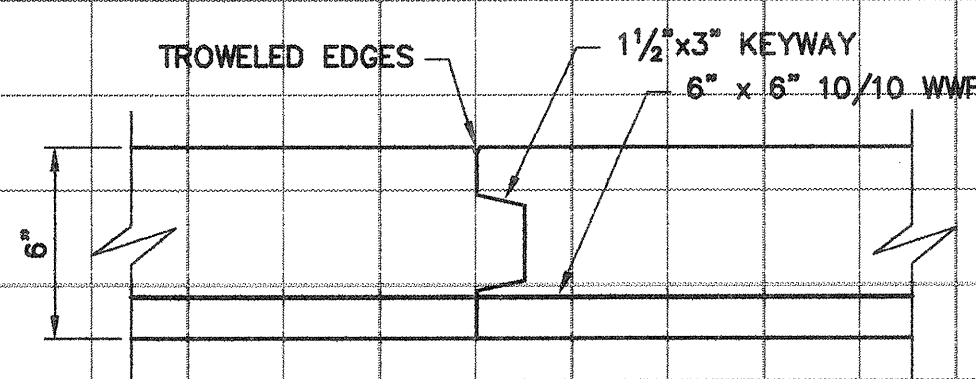
HEADWALL - 60" RCP
SCALE: 1"=5'



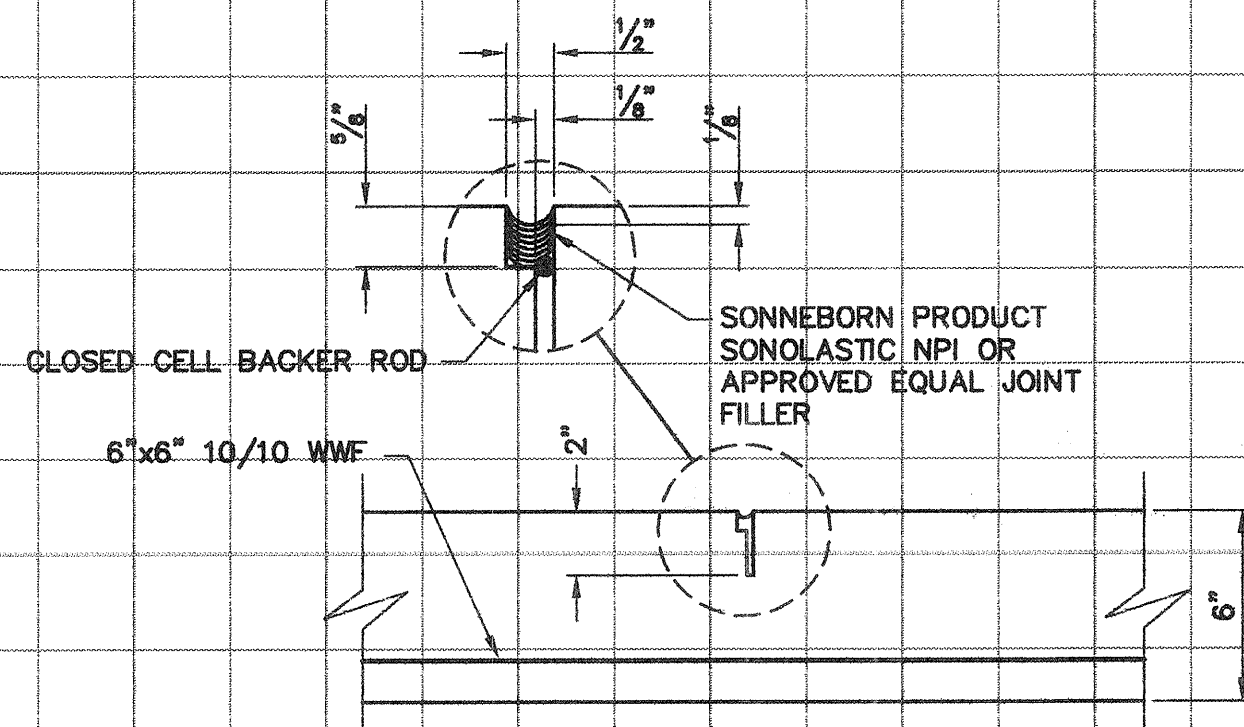
SOUTH LOW FLOW CHANNEL DETAIL
SCALE: 1"=10'



OPENING FOR LOCALIZED RUNOFF
SCALE: 1"=1'

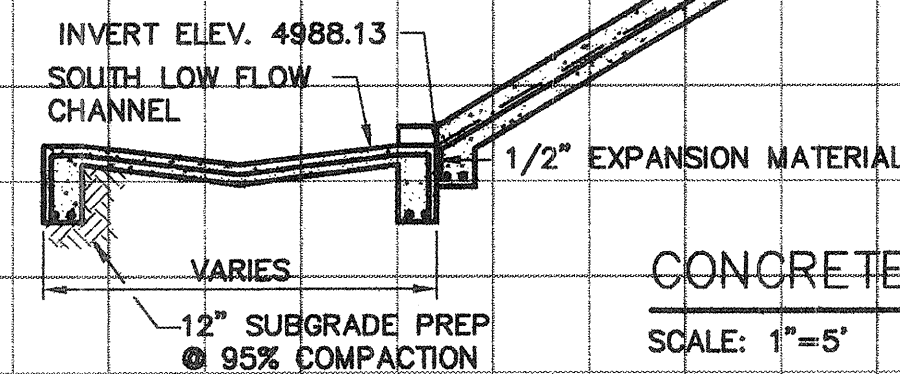


CONSTRUCTION JOINT DETAIL
SCALE: 1"=1/2'

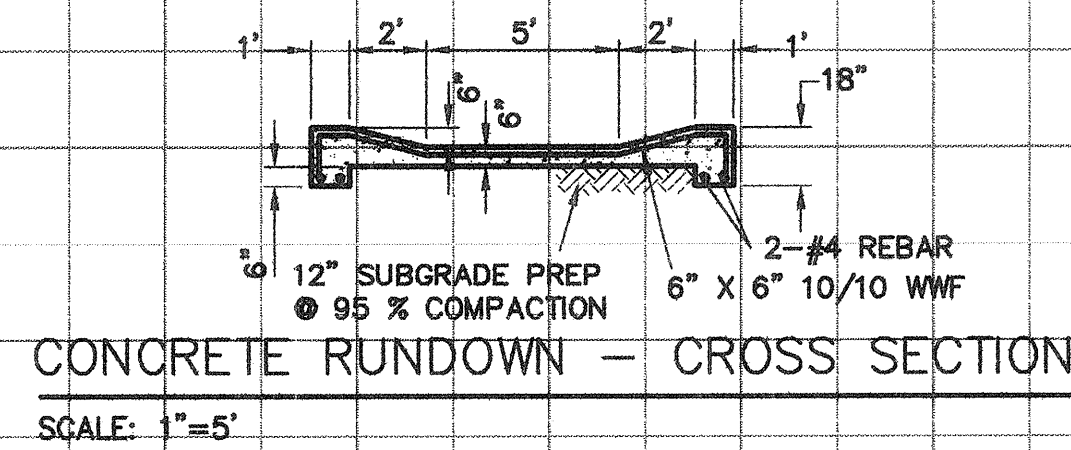


SAWED CONTROL JOINT DETAIL
SCALE: 1"=1/2'

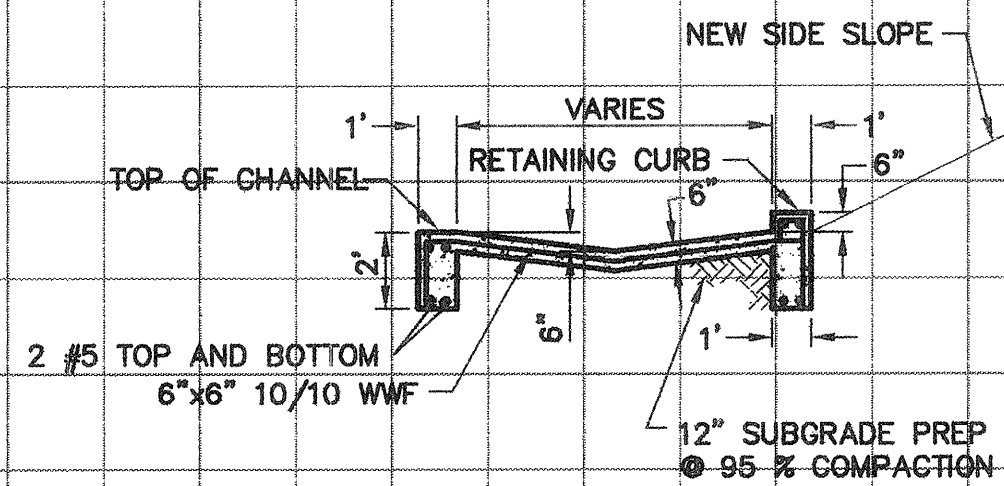
- NOTES: 1. ADDITIONAL WIDTH FOR SEALANT RESERVOIR MAY BE SAWED AT THE SAME TIME OR AT A LATER DATE. A SHAPE FACTOR OF 1" x 1" MUST BE MAINTAINED.
2. CLOSED CELL BACKER ROD JOINTS TO BE FILLED WITH JOINT FILLER TO 1/8" OF THE SURFACE.



CONCRETE RUNDOWN - SECTION
SCALE: 1"=5'



CONCRETE RUNDOWN - CROSS SECTION
SCALE: 1"=5'



SOUTH LOW FLOW CHANNEL SECTION
SCALE: 1"=5'



CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP
TITLE: GONZALES POND IMPROVEMENTS
POND CROSS SECTIONS/DETAILS

Design Review Committee City Engineer Approval

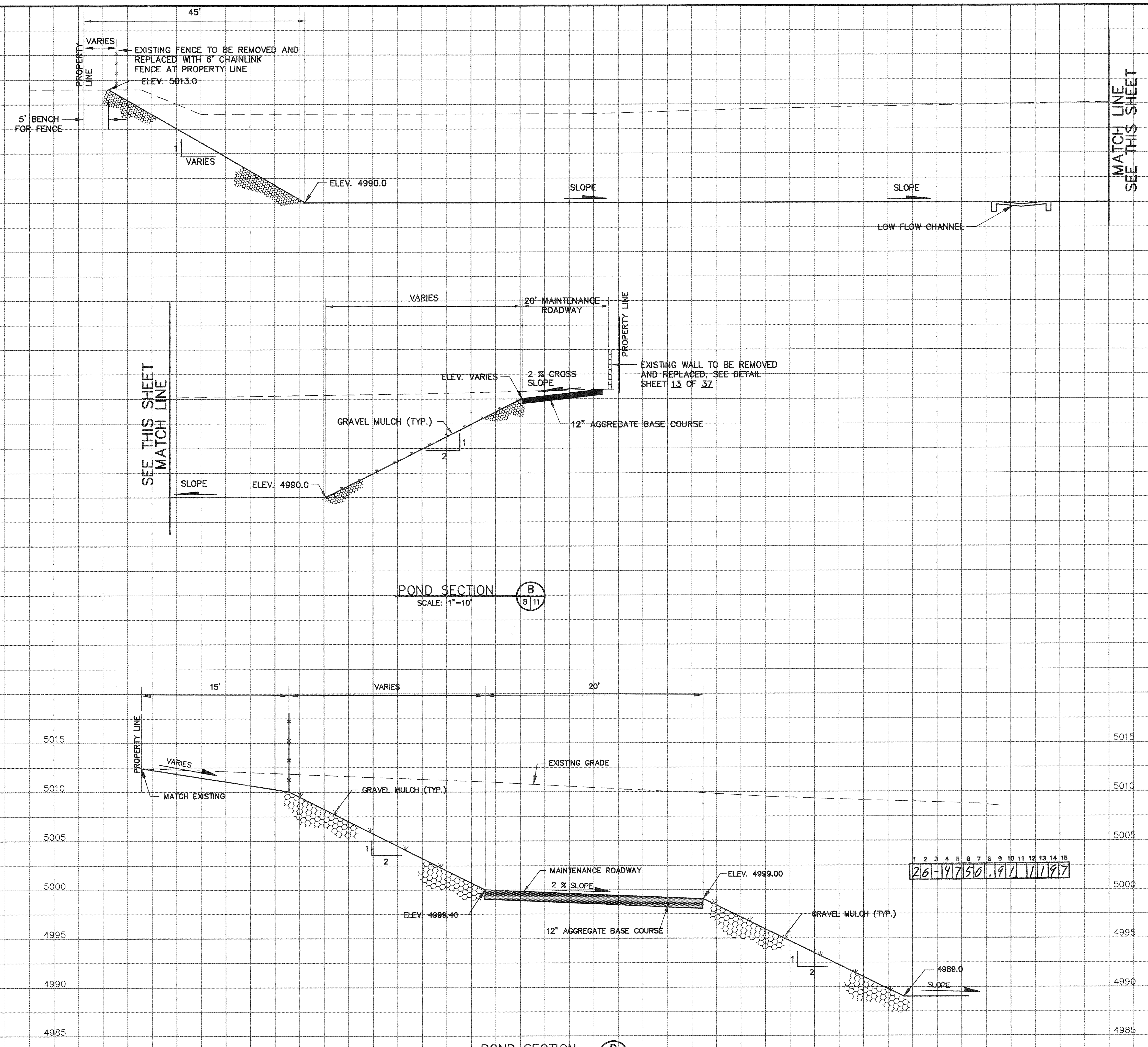
City Project No. 4750.91

Zone Map No. K-11

Sheet 10 Of 37

BENCH MARKS				AS BUILT INFORMATION			
NM45-3A, CITY OF ALBUQUERQUE BENCH MARK STATION				CONTRACTOR	R.M.C.L., INC.	DATE	2/97
IS A 3/4" ALUMINUM TABLET STAMPED "NM-3A, 1984",				WORK			
SET FLUSH WITH THE ROAD. THE STATION IS LOCATED				STARTED BY	R.M.C.L., INC.	DATE	2/97
31' SOUTH OF THE INTERSECTION OF OLD COORS BLVD.				INSPECTOR'S	C.O.A.	DATE	2/97
AND GONZALES ROAD ALONG THE CENTERLINE OF COORS.				FIELD			
X=366206.41, Y=1483333.25 ELEVATION = 5017.927				VERIFICATION BY	C.O.A.	DATE	2/97
				CORRECTED BY	GFW	DATE	2/97
				MICRO-FILM INFORMATION			
				RECORDED BY		DATE	
				NO.			

DATE: 12-04-95
K:\PROJECTS\28717\01\28717C04.DWG



POND SECTION
SCALE: 1"=10'
B
8 11

POND SECTION
SCALE: 1"=5'
D
8 11

NOTE:
ALL PROPERTY LINE(S) INFORMATION SHOWN ON THESE DRAWINGS WAS TAKEN FROM RECORDED PLATS OBTAINED FROM THE BERNALILLO COUNTY CLERKS OFFICE. THE CONTRACTOR SHALL FIELD VERIFY AND COORDINATE WITH THE CITY OF ALBUQUERQUE SURVEYING DEPARTMENT TO DETERMINE ACTUAL PROPERTY LINE LOCATION(S). IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO RELOCATE FENCES/ WALLS WHICH ARE ENCRoACHING CITY PROPERTY TO THE ACTUAL PROPERTY LINE UNLESS OTHERWISE STATED.



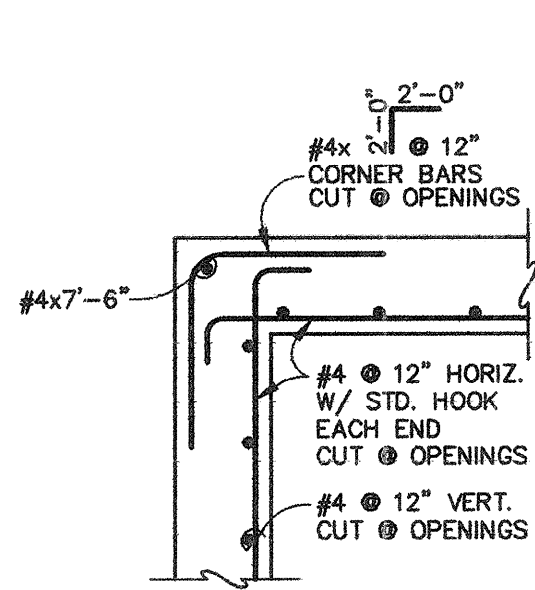
CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP
**TITLE: GONZALES POND IMPROVEMENTS
POND CROSS SECTIONS**

Design Review Committee City Engineer Approval

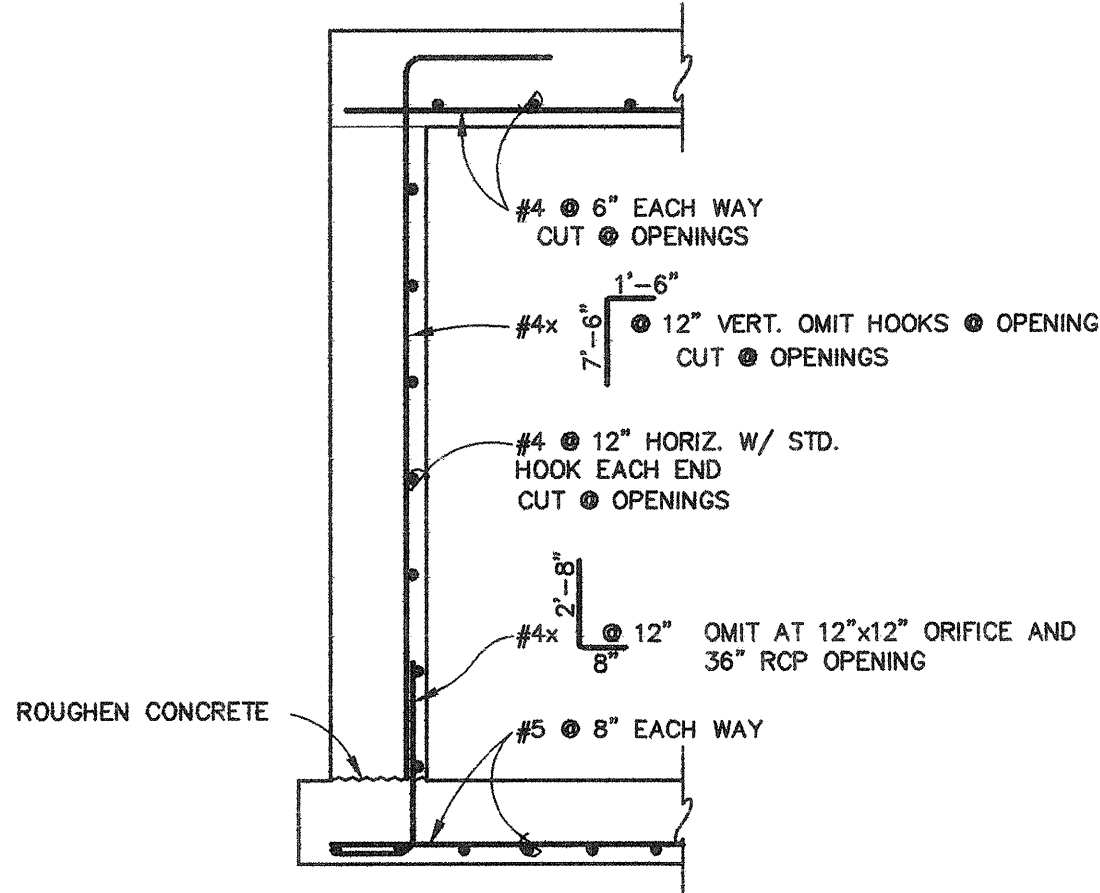
B.G.
1/14/96

City Project No. **4750.91** Zone Map No. **K-11**

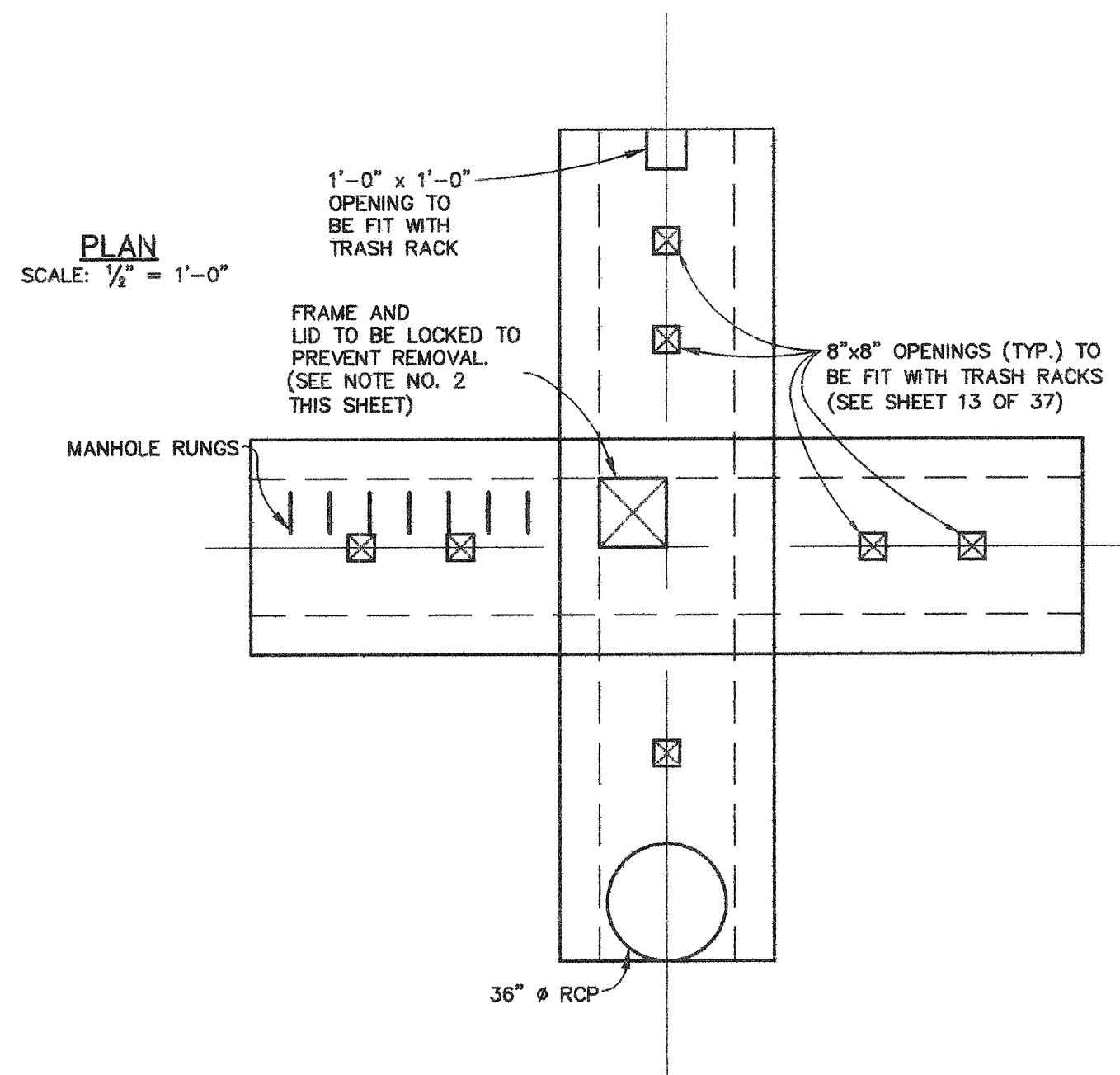
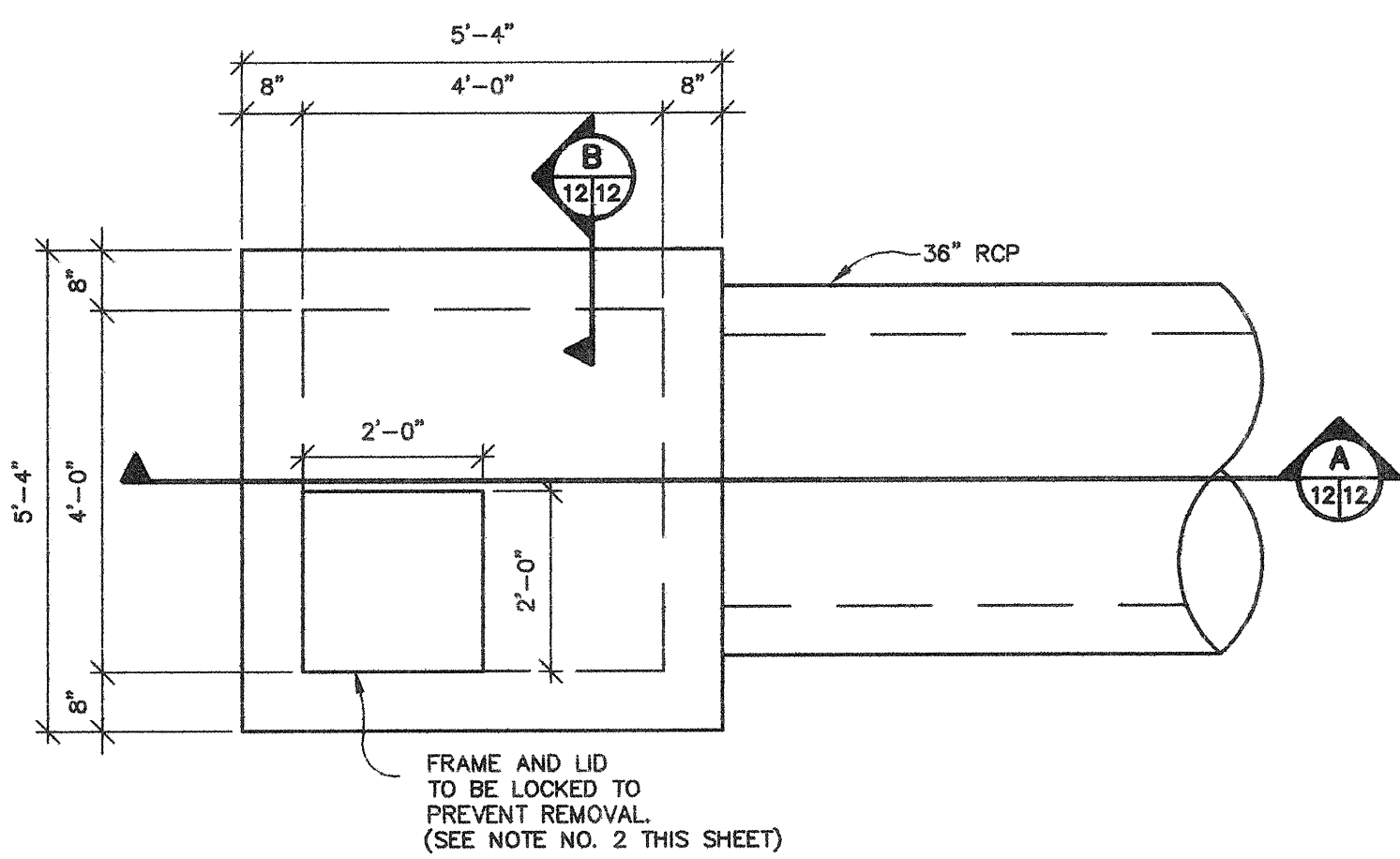
AS BUILT INFORMATION				BENCH MARKS				SURVEY INFORMATION				ENGINEER'S SEAL				REVISIONS				DESIGN			
CONTRACTOR	R.M.C.I., INC.	DATE	2/97	MARK	NM45-3A, CITY OF ALBUQUERQUE BENCH MARK STATION	NO.	1	NO.	1	BY	GFW	DATE	10-9-95	BY	GFW	NO.	DATE	BY	DATE	NO.	DATE	BY	DATE
INSPECTOR'S	R.M.C.I., INC.	DATE	2/97	STATION	IS A 3/4" ALUMINUM TABLET STAMPED "NM-3A, 1984"	NO.	1	NO.	1	BY	GFW	DATE	10-9-95	BY	GFW	NO.	DATE	BY	DATE	NO.	DATE	BY	DATE
FIELD ENGINEER	C.O.A. / J.M.C.	DATE	2/97	LOCATED	SET FLUSH WITH THE ROAD. THE STATION IS LOCATED	NO.	1	NO.	1	BY	GFW	DATE	10-9-95	BY	GFW	NO.	DATE	BY	DATE	NO.	DATE	BY	DATE
VERIFICATION BY	C.O.A.	DATE	2/97	31' SOUTH OF THE INTERSECTION OF OLD COORS BLVD.		NO.	1	NO.	1	BY	GFW	DATE	10-9-95	BY	GFW	NO.	DATE	BY	DATE	NO.	DATE	BY	DATE
CORRECTED BY	GFW	DATE	2/97	AND GONZALES ROAD ALONG THE CENTERLINE OF COORS.		NO.	1	NO.	1	BY	GFW	DATE	10-9-95	BY	GFW	NO.	DATE	BY	DATE	NO.	DATE	BY	DATE
MICRO-FILM INFORMATION		DATE		X=366206.41, Y=1483333.25 ELEVATION = 5017.927		NO.	1	NO.	1	BY	GFW	DATE	10-9-95	BY	GFW	NO.	DATE	BY	DATE	NO.	DATE	BY	DATE
RECORDED BY		DATE				NO.	1	NO.	1	BY	GFW	DATE	10-9-95	BY	GFW	NO.	DATE	BY	DATE	NO.	DATE	BY	DATE



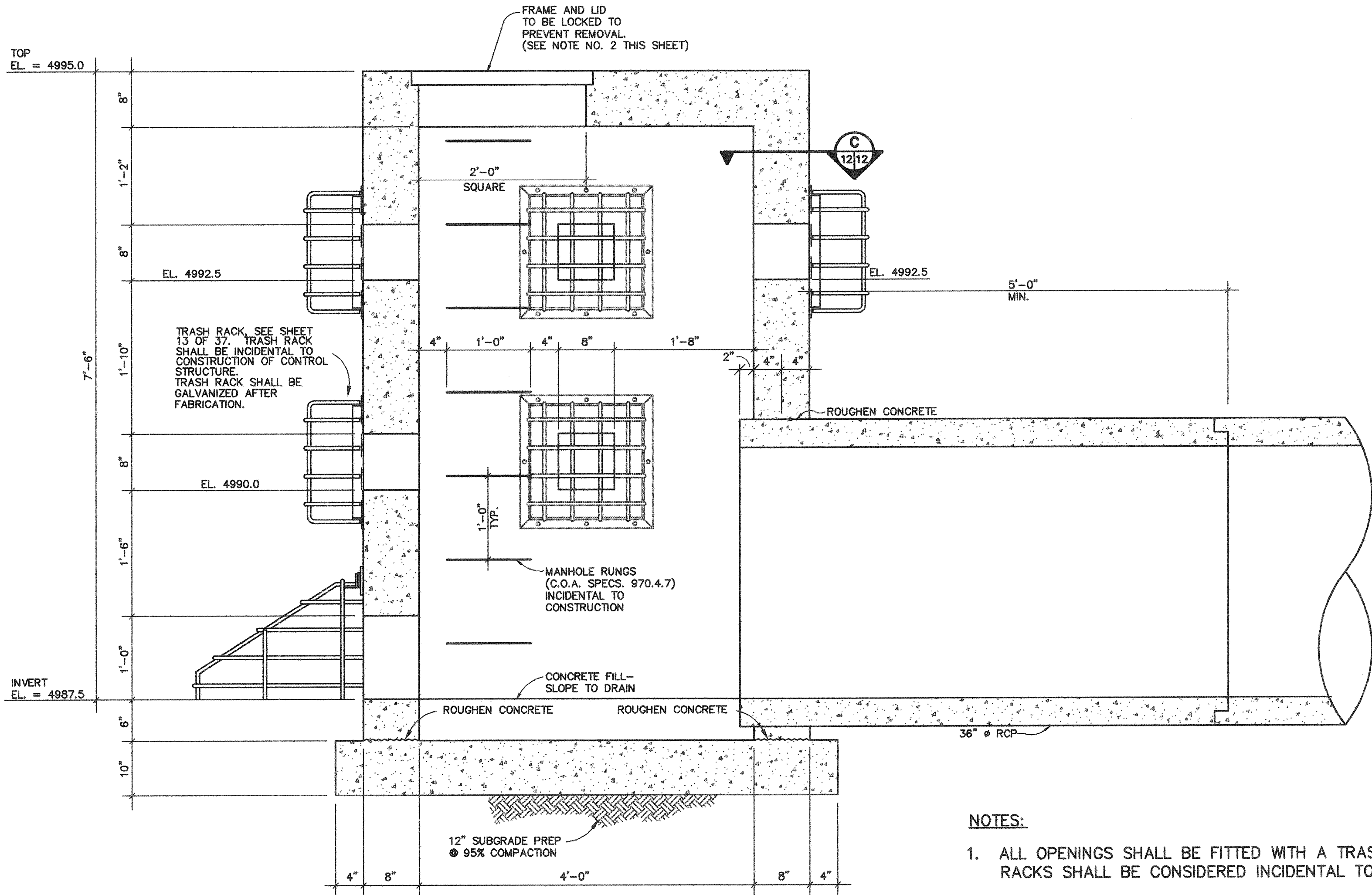
TYPICAL CORNER REINFORCING DETAIL (C)
SCALE: 1/2" = 1'-0"



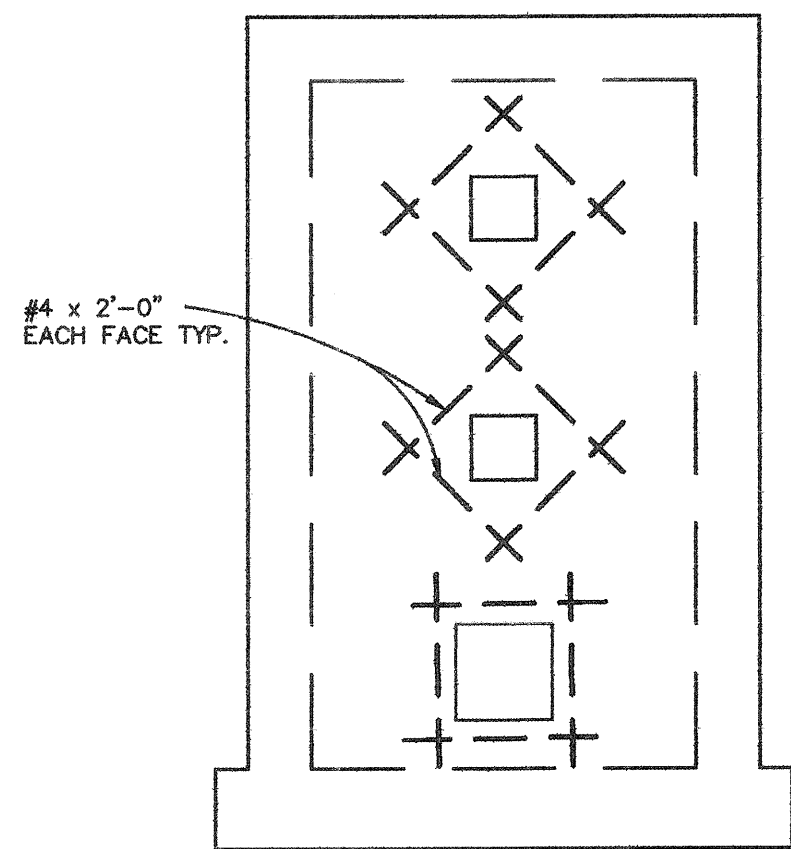
TYPICAL REINFORCING DETAIL (B)
SCALE: 1/2" = 1'-0"



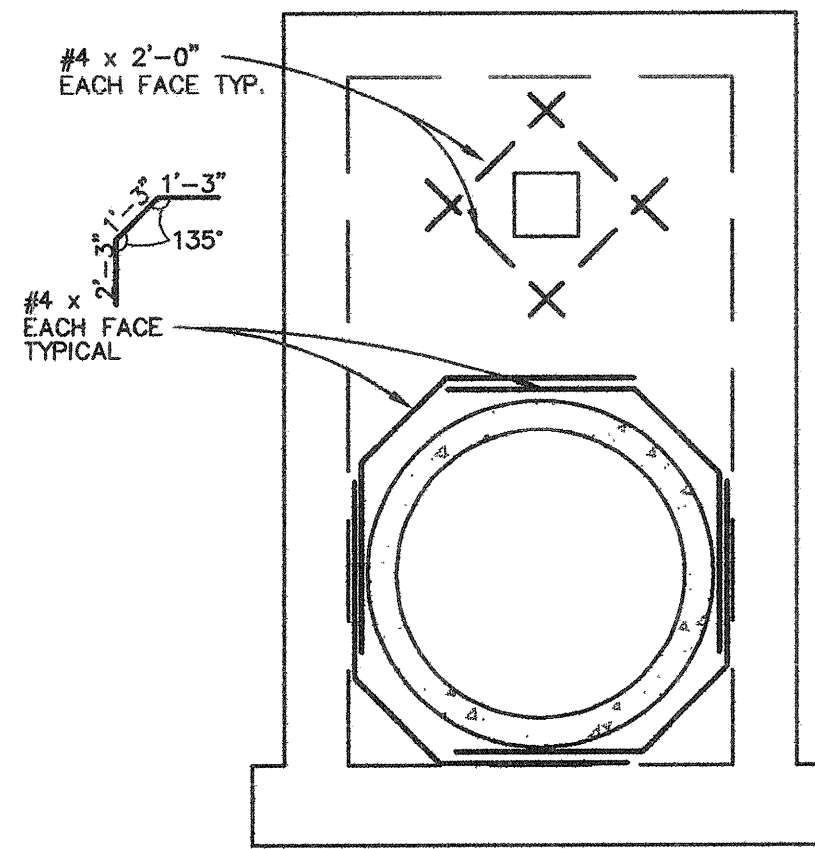
CONTROL STRUCTURE DEVELOPED VIEW
SCALE: 1/2" = 1'-0"



CONTROL STRUCTURE SECTION (A)
SCALE: 1" = 1'-0"



FRONT WALL



BACK WALL

NOTE:
HORIZONTAL AND VERTICAL REINFORCEMENT SHALL BE TIED TO ADDITIONAL REINFORCEMENT AT OPENINGS.

ADDITIONAL REINFORCING AT OPENINGS
SCALE: 1/2" = 1'-0"

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
26-9750-19111297

NOTES:

- ALL OPENINGS SHALL BE FITTED WITH A TRASH RACK AS SHOWN ON SHEET 13 OF 37. THE TRASH RACKS SHALL BE CONSIDERED INCIDENTAL TO CONTROL STRUCTURE CONTRACT PRICE.
- CHECKER BOARD ALUMINUM FRAME AND LID TO BE CONSTRUCTED TO HANDLE VARYING UPLIFT PRESSURE, DEAD, AND LIVE LOADS. CONTRACTOR SHALL SUBMIT STRUCTURAL CALCULATIONS FOR FRAME AND LID. LID SHALL BE CONSTRUCTED WITH TWO LOCKS (MIN). CONTRACTOR SHALL PROVIDE LOCKS AND KEYS IN ACCORDANCE WITH CITY STANDARDS WHICH SHALL BE CONSIDERED INCIDENTAL TO CONTROL STRUCTURE CONTRACT PRICE. ALUMINUM FRAME AND LID SHALL BE HALLIDAY MODEL F1R2424, OR APPROVED EQUAL.

RECORD DRAWING
Drawing revised to reflect the best information available. Do not use without field verification.

AS BUILT INFORMATION			
CONTRACTOR	R.M.C.I., INC.	DATE	2/97
INSPECTOR'S	R.M.C.I., INC.	DATE	2/97
FIELD	COA	DATE	2/97
VERIFICATION BY	COA	DATE	2/97
CORRECTED BY	GFV	DATE	2/97
MICRO-FILM INFORMATION			
RECORDED BY	NO.	DATE	
ENGINEER'S SEAL JOHN A. STANLEY, III REGISTERED PROFESSIONAL ENGINEER STATE OF NEW MEXICO 2015			
SURVEY INFORMATION			
BENCH MARKS			
NM45-3A, CITY OF ALBUQUERQUE BENCH MARK STATION IS A 3/4" ALUMINUM TABLET STAMPED "NM-3A, 1984". SET FLUSH WITH THE ROAD. THE STATION IS LOCATED 31' SOUTH OF THE INTERSECTION OF OLD COORS BLVD. AND GONZALES ROAD ALONG THE CENTERLINE OF COORS. X=366206.41, Y=1463333.25 ELEVATION = 5017.927			
FIELD NOTES			
NO.	BY	DATE	
1	GFV	10-9-95	
REVISIONS			
NO.	DATE	REMARKS	BY
1	2/97	AS-BUILT REVISIONS	GFV
2	2/97	AS-BUILT REVISIONS	GFV
3	2/97	AS-BUILT REVISIONS	GFV
4	2/97	AS-BUILT REVISIONS	GFV
5	2/97	AS-BUILT REVISIONS	GFV
6	2/97	AS-BUILT REVISIONS	GFV
7	2/97	AS-BUILT REVISIONS	GFV
8	2/97	AS-BUILT REVISIONS	GFV
9	2/97	AS-BUILT REVISIONS	GFV
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12	2/97	AS-BUILT REVISIONS	GFV
13	2/97	AS-BUILT REVISIONS	GFV
14	2/97	AS-BUILT REVISIONS	GFV
15	2/97	AS-BUILT REVISIONS	GFV
DESIGNED BY JCM DATE DEC. 1995 DRAWN BY JTN DATE DEC. 1995 CHECKED BY JMS DATE DEC. 1995			

Gannett Fleming West, Inc.
ENGINEERS AND PLANNERS
4501 Indian School Road NE, Suite 101 Albuquerque, New Mexico 87110
Office: (505) 263-8468 Fax: (505) 263-1294

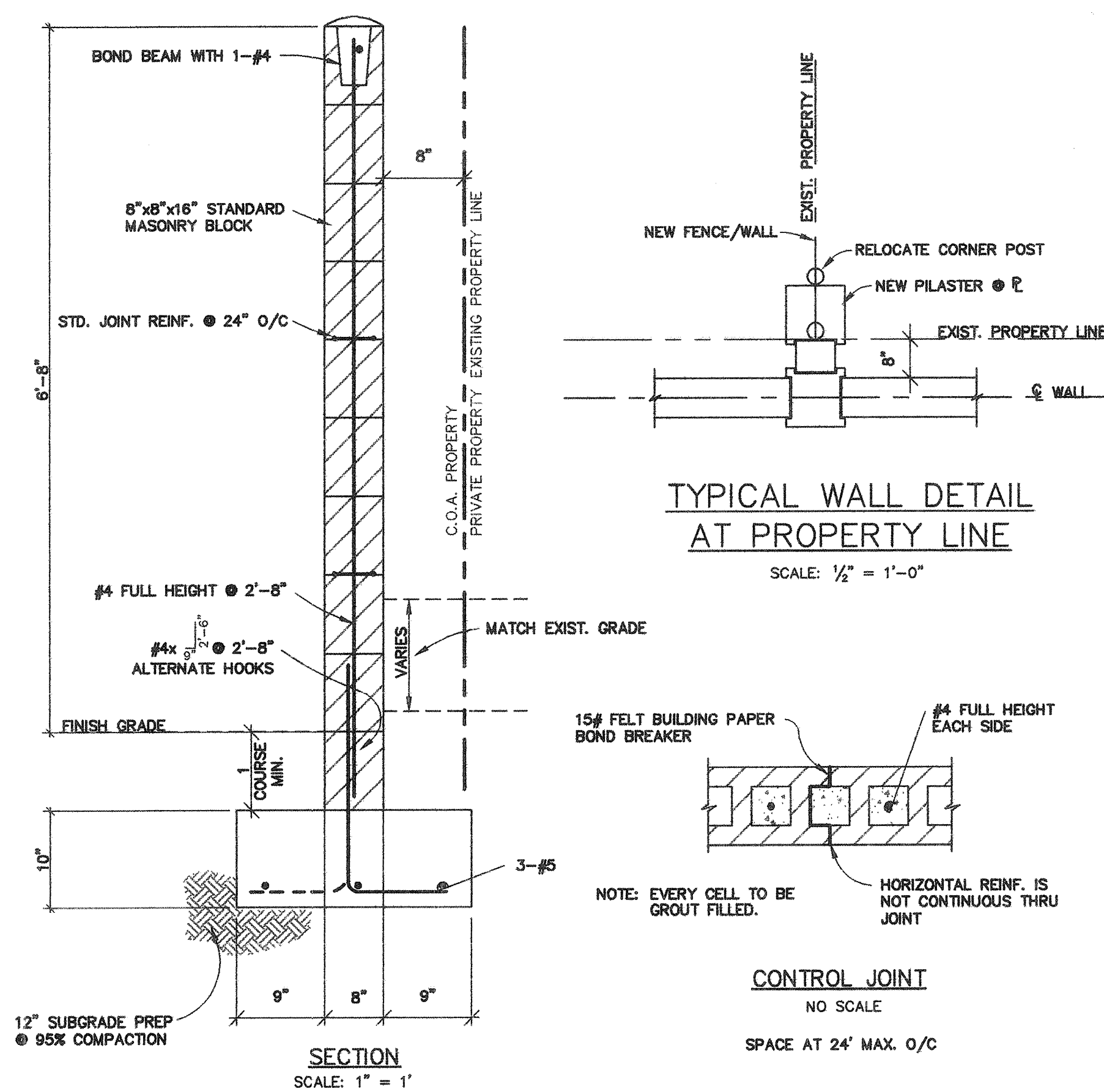
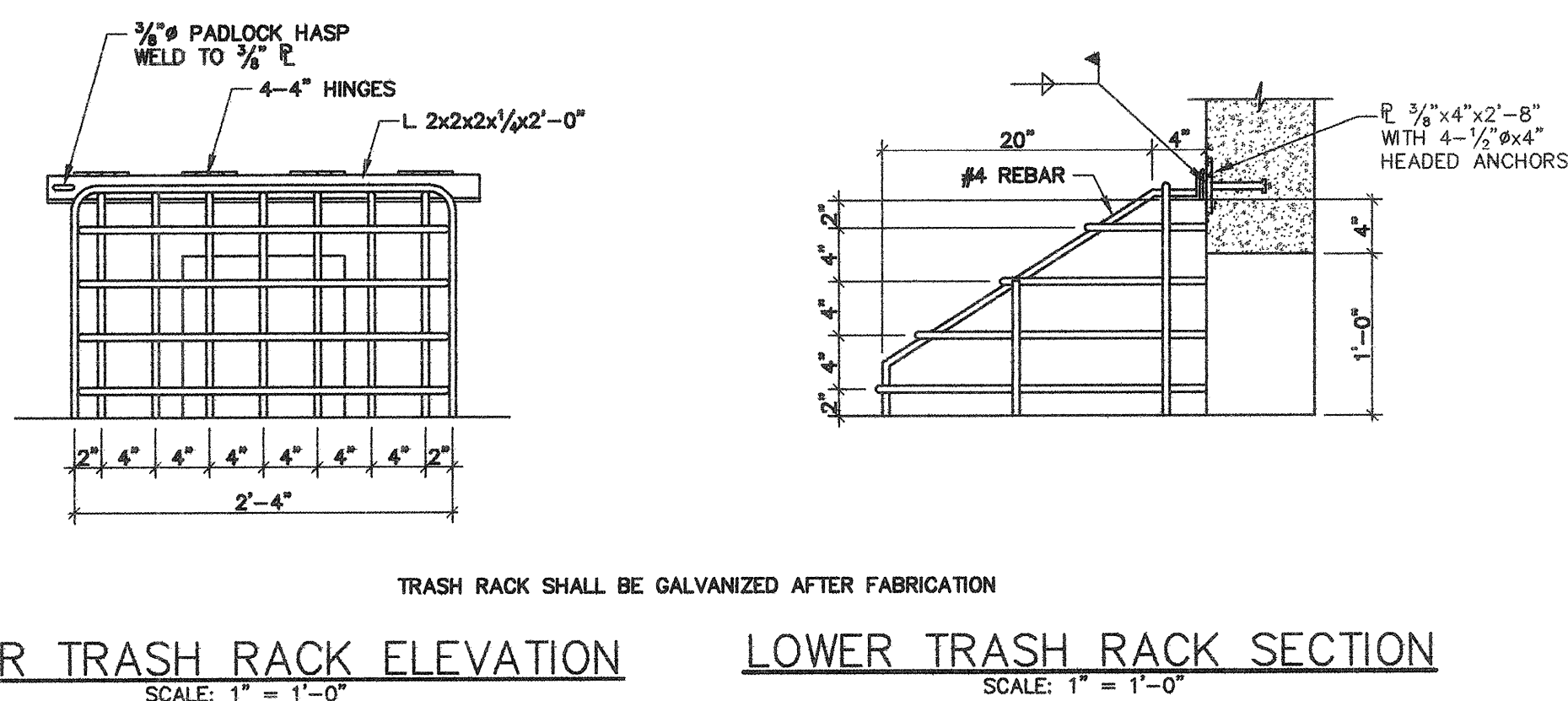
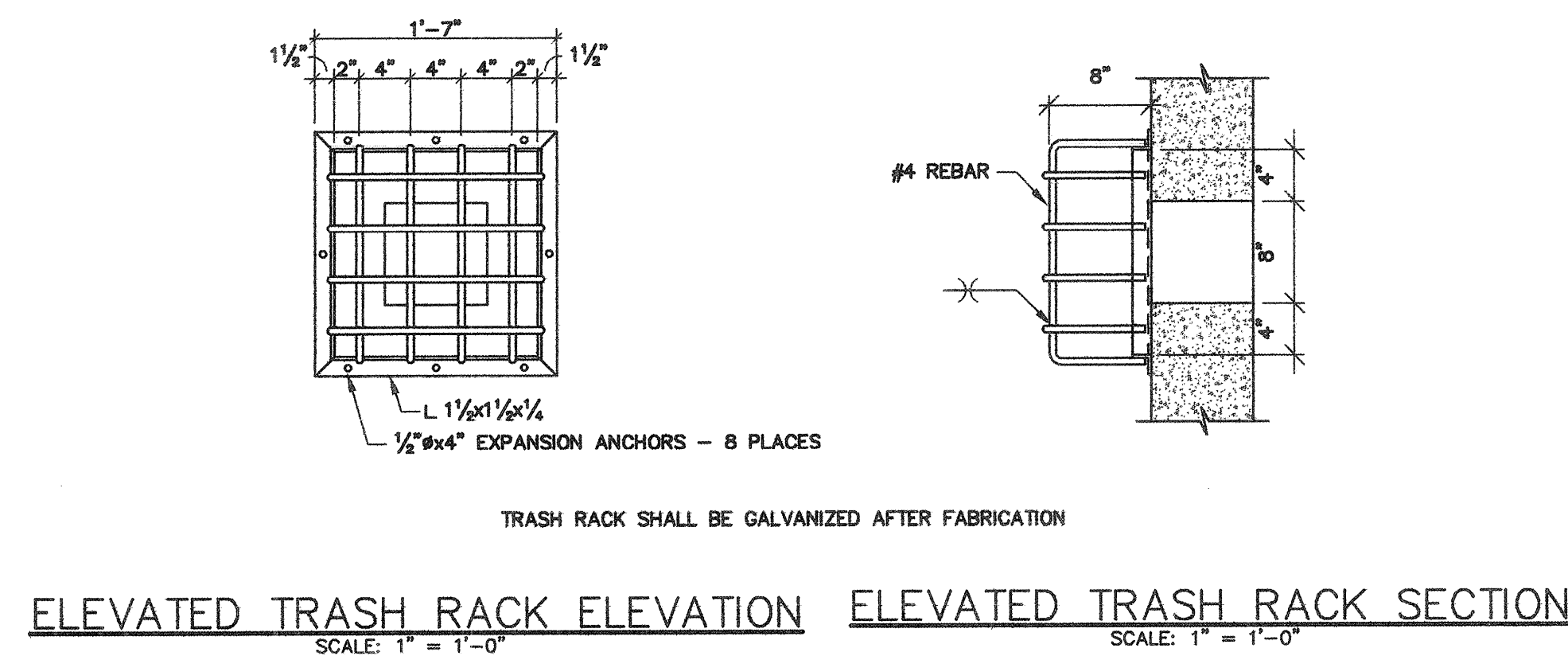
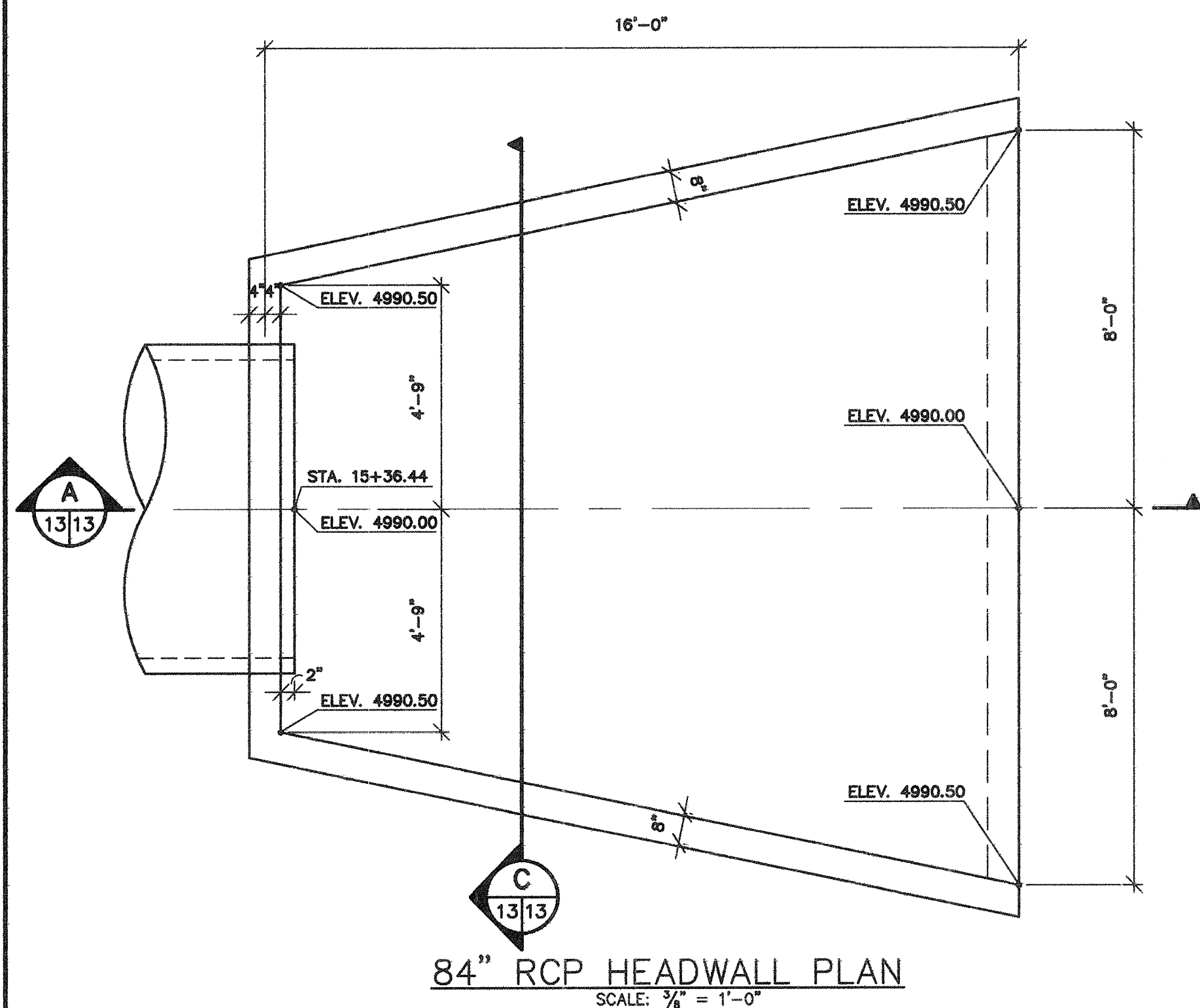
CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE: **GONZALES POND IMPROVEMENTS
CONTROL STRUCTURE DETAILS**

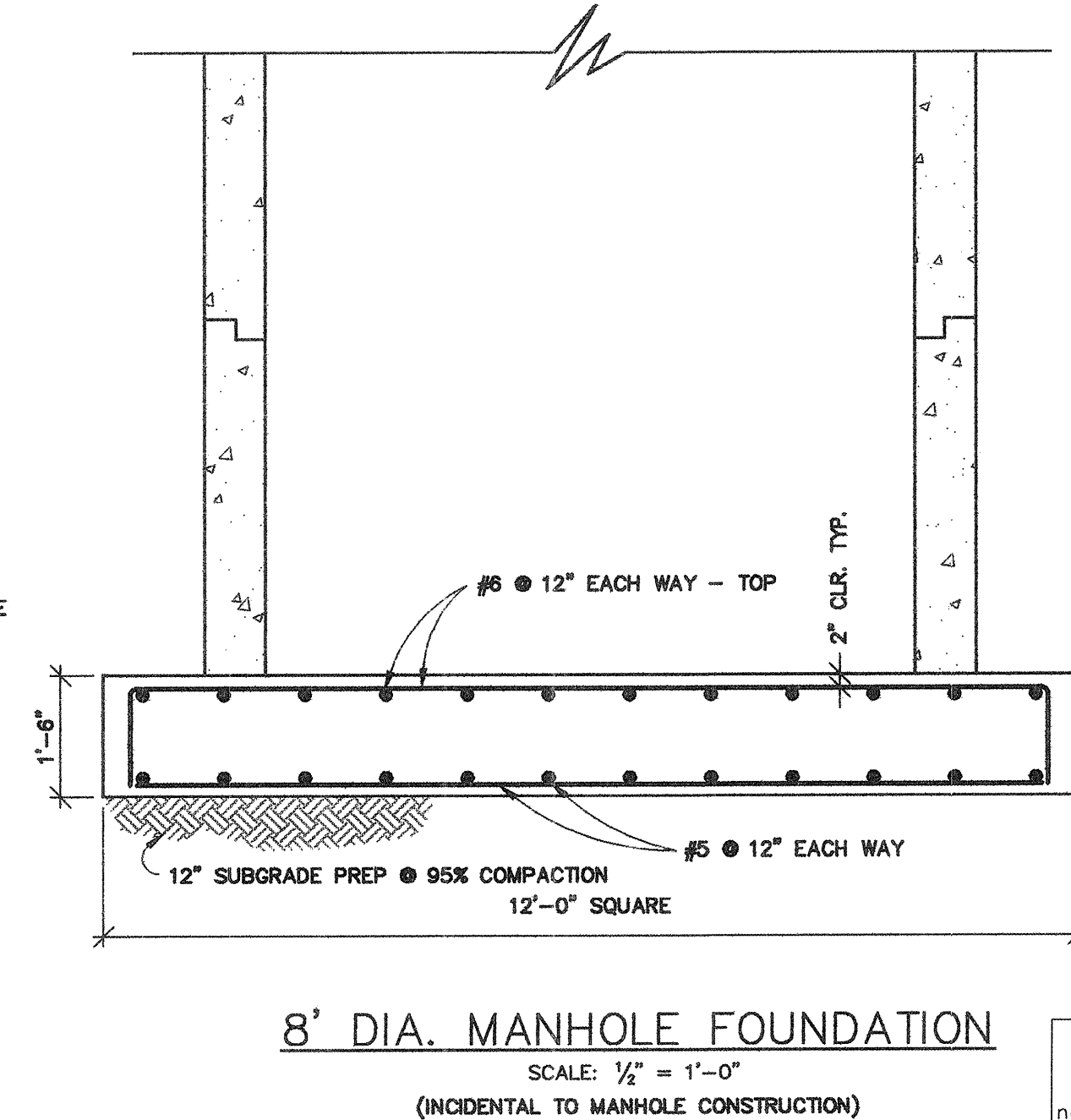
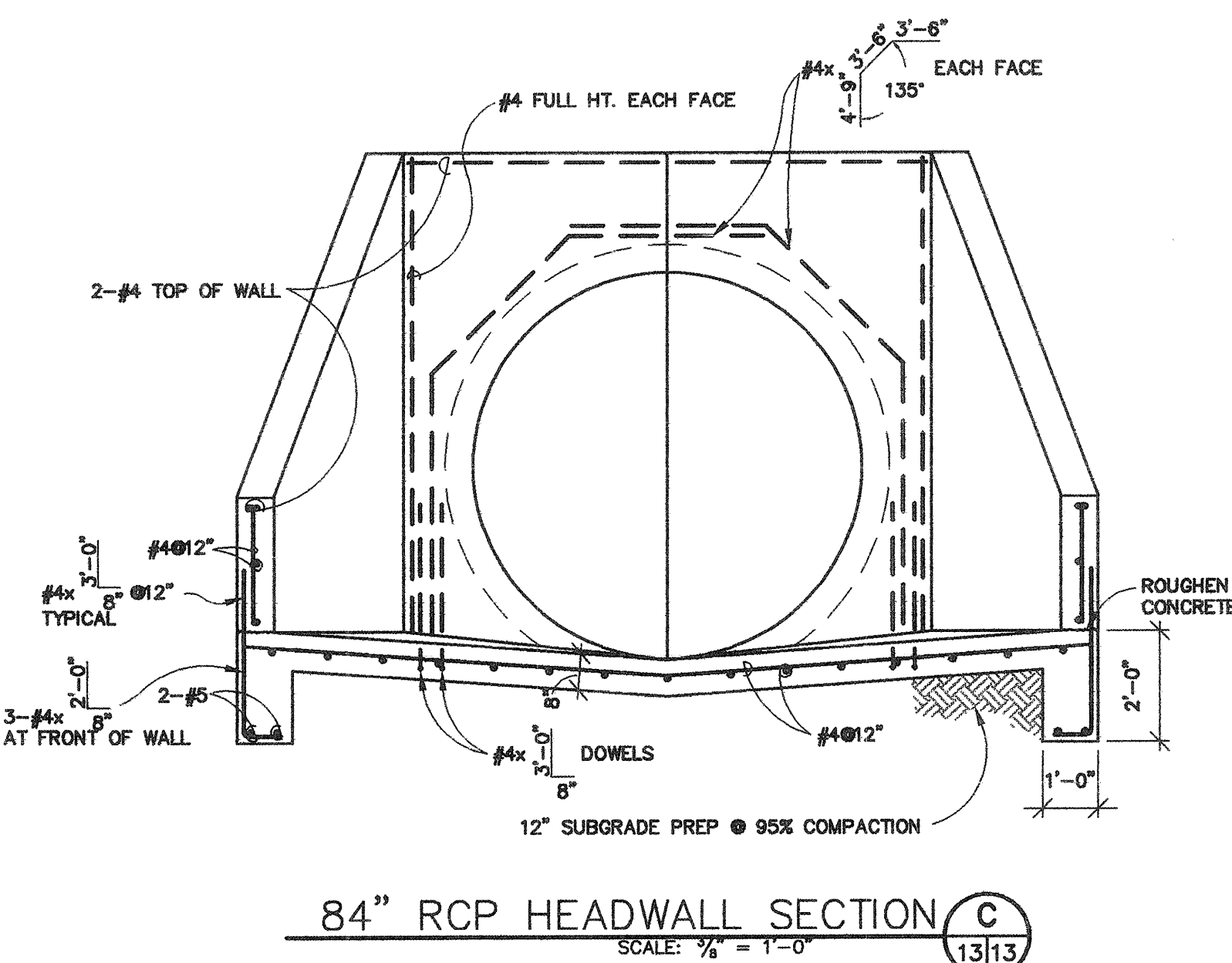
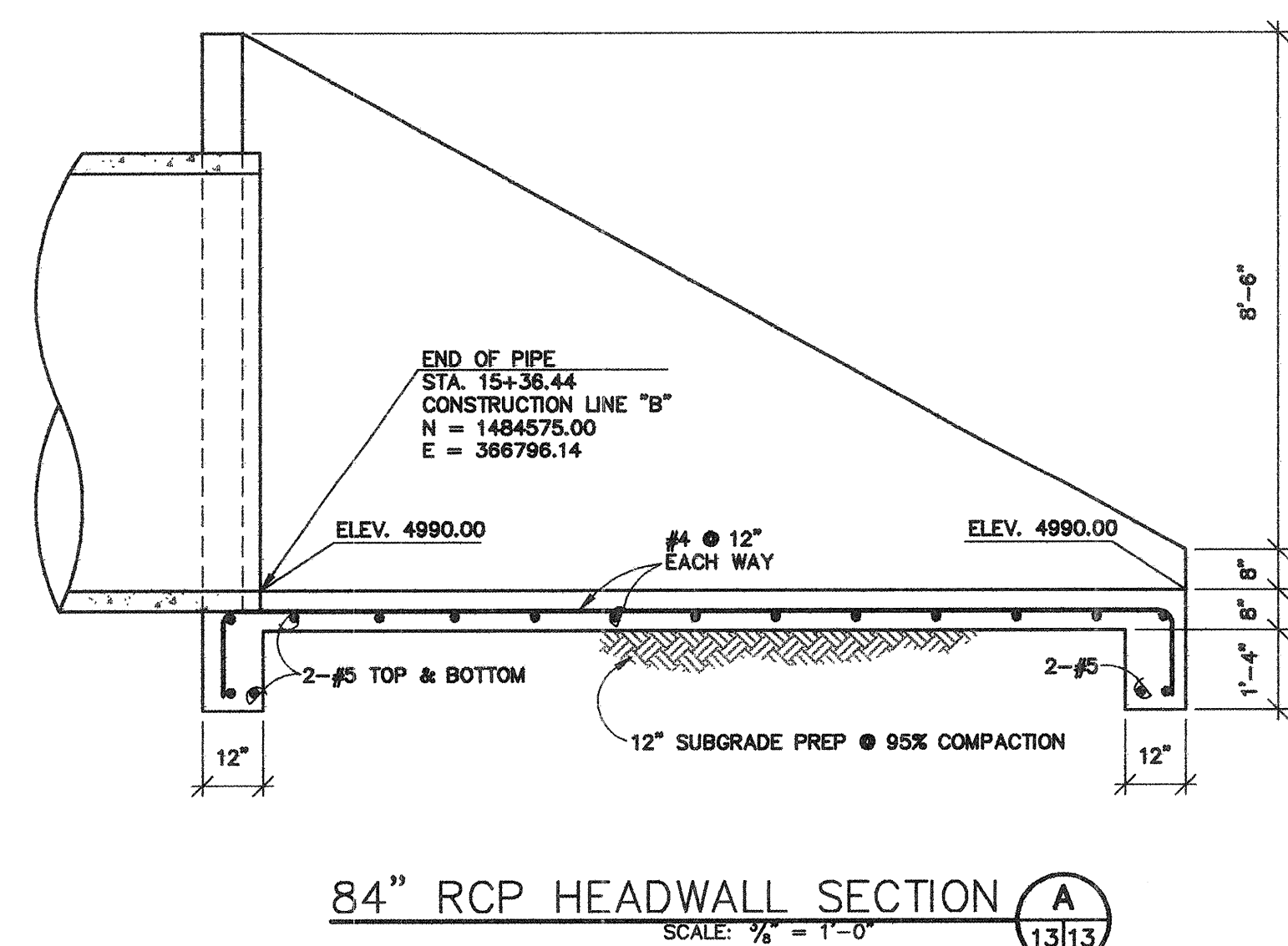
Design Review Committee City Engineer Approval

Mo./Day/Yr. Mo./Day/Yr.

City Project No. 4750.91 Zone Map No. K-11 Sheet 12 Of 37



- NOTES:
- CONTRACTOR SHALL REMOVE AND RELOCATE THE CORNER FENCE POST AT LOCATIONS WHERE EXISTING FENCES WILL ABUT NEW WALL. THE CONTRACTOR SHALL CONSTRUCT NEW PILASTER AT INTERSECTION OF PROPERTY LINES IN ACCORDANCE WITH THE DETAIL AND SHALL BE CONSIDERED INCIDENTAL TO THE CONSTRUCTION OF THE NEW WALL.
 - AT LOCATIONS WHERE A CMU WALL SEPARATES ADJOINING PROPERTY LINES, THE CONTRACTOR SHALL REMOVE AND RECONNECT THE EXISTING CMU WALL TO MATCH NEW WALL AND SHALL BE CONSIDERED INCIDENTAL TO CONSTRUCTION OF THE NEW WALL.
 - THE CONTRACTOR SHALL CONSTRUCT A NEW PILASTER AT ALL PROPERTY LINES WHICH SHALL BE CONSIDERED INCIDENTAL TO CONSTRUCTION OF THE NEW WALL.
 - WHERE EXISTING POWER POLES CONFLICT WITH NEW FOOTER, THE FOOTER SHALL BE MODIFIED TO ALLOW FOR CONSTRUCTION ADJACENT TO POWER POLES. SUPPORTING POWER POLES, IF REQUIRED, SHALL BE CONSIDERED INCIDENTAL TO CONSTRUCTION OF THE NEW FOOTER.
 - CONTROL JOINTS SHALL BE INSTALLED AT 24'-FT ON CENTERS AND SHALL BE CONSIDERED INCIDENTAL TO CONSTRUCTION OF THE NEW WALL.
 - WALL AREA FOR MEASUREMENT AND PAYMENT SHALL BE MEASURED FROM TOP OF FOOTING TO TOP OF WALL ALONG THE ENTIRE LENGTH OF THE NEW WALL.



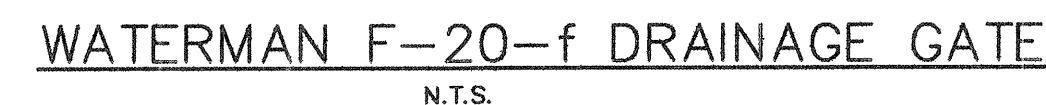
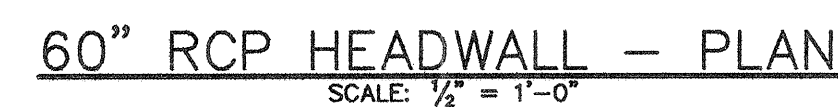
RECORD DRAWING
Drawing revised to reflect the best information available. Do not use without field verification.

AS BUILT INFORMATION										BENCH MARKS										SURVEY INFORMATION										ENGINEER'S SEAL										REVISIONS										DESIGN																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
CONTRACTOR					R.M.C.I., INC.					DATE 2/97					STATION					NM45-3A, CITY OF ALBUQUERQUE BENCH MARK STATION					DATE					10-9-95					NO.					BY					GFW					REMARKS					DATE					2/97					AS-BUILT REVISIONS: SEE SHEET 7 FOR REVISED MH LOCATIONS, SEE PLAN AND PROFILES FOR REVISED MH VERTICAL INFORMATION					DATE					DEC. 1995					DRAWN BY					JTN					DATE					DEC. 1995					CHECKED BY					JMS					DATE					DEC. 1995																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
INSPECTOR'S					R.M.C.I., INC.					DATE 2/97					FIELD					SET FLUSH WITH THE ROAD. THE STATION IS LOCATED					DATE					10-9-95					NO.					BY					GFW																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	

Gannett Fleming West, Inc.
ENGINEERS AND PLANNERS
4901 Indian School Road NE, Suite 101
Albuquerque, New Mexico 87110
Office: (505) 265-6468 Fax: (505) 265-1394

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP
TITLE: **GONZALES POND IMPROVEMENTS
HEADWALL DETAILS**

Design Review Committee City Engineer Approval
City Project No. **4750.91** Zone Map No. **K-11** Sheet **13** Of **37**



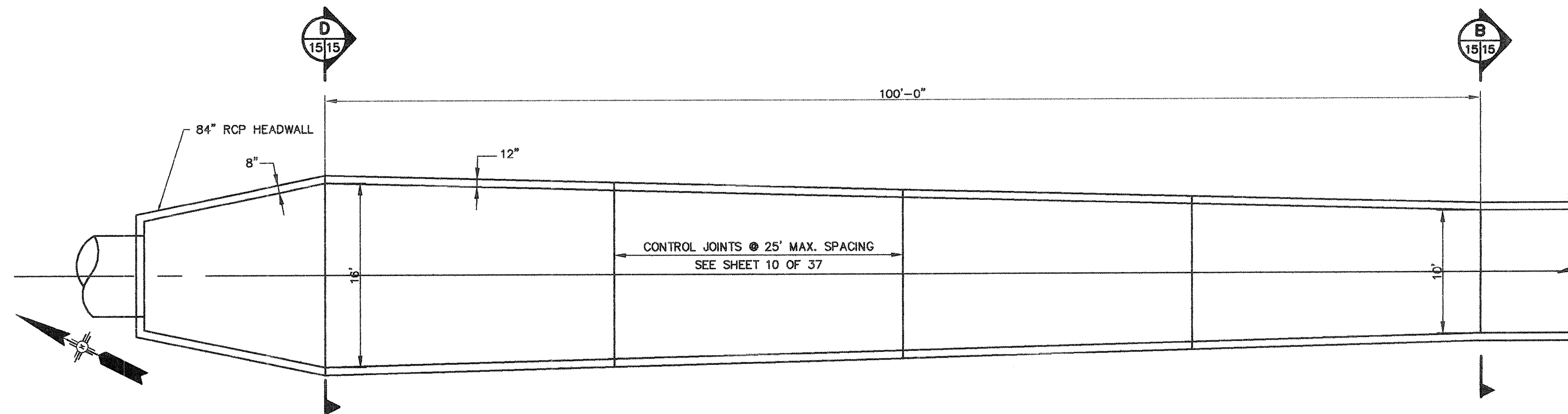
1. THE GATE SHALL BE MOUNTED DIRECTLY TO THE CONCRETE HEADWALL USING ANCHOR BOLTS.
2. THE ATTACHING ANCHOR BOLTS AND HARDWARE SHALL BE 304 STAINLESS STEEL.
3. THE SEATING MATERIAL SHALL BE A BRONZE SEAT SECURELY MOUNTED AND ATTACHED TO FRAME WITH NEOPRENE SEAT BONDED INTO DOVETAIL GROOVE IN COVER TO CUSHION COVER ON CLOSING.
4. ALL ASSEMBLY HARDWARE SHALL BE 304 STAINLESS STEEL.
5. ALL CAST IRON SHALL BE COATED WITH A COAL TAR EPOXY.
6. ALL HARDWARE, ANCHOR BOLTS, ASSEMBLY HARDWARE SHALL BE CONSIDERED INCIDENTAL TO GATE.
7. CONTRACTOR SHALL CONSTRUCT GATE PER THESE PLANS INCLUDING ALL LABOR, EQUIPMENT, HARDWARE, MATERIALS COMPLETE IN PLACE. PAYMENT SHALL BE MADE PER CONTRACT PRICE.

FRAME AND COVER - CAST IRON PER ASTM A-126, CLASS B
PIVOT LUG - DUCTILE IRON PER ASTM A-536, GR. 65-45-12
HINGE LINK - STRUCTURAL STEEL PER ASTM A-36, GALVANIZED PER ASTM A-123
BRONZE BUSHINGS AND WASHERS - COMMERCIAL BRONZE
ASSEMBLY HARDWARE AND PINS - 304 STAINLESS STEEL

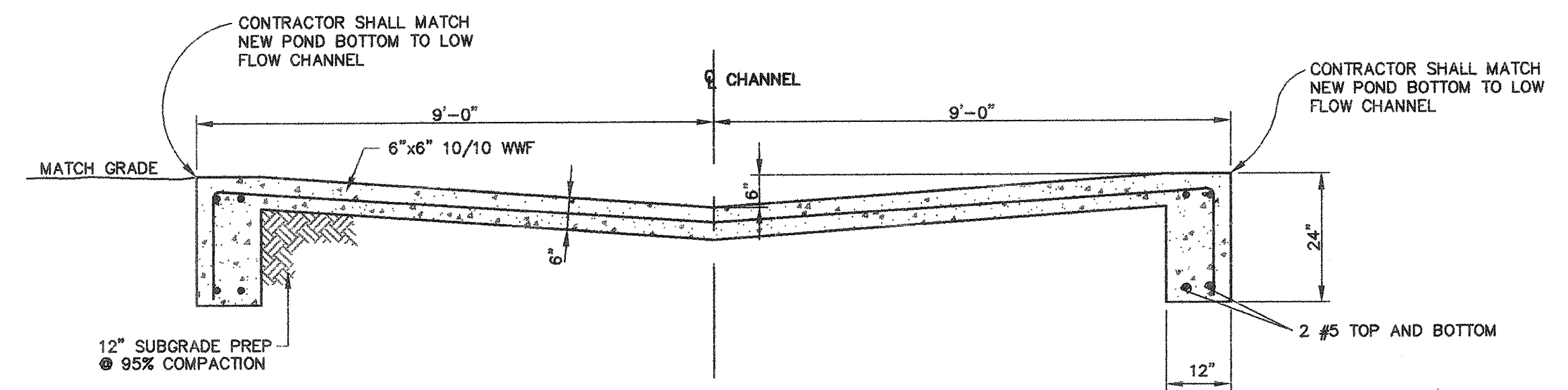
SEATING HEAD (ft.): 10
UNSEATING HEAD (ft.): 10



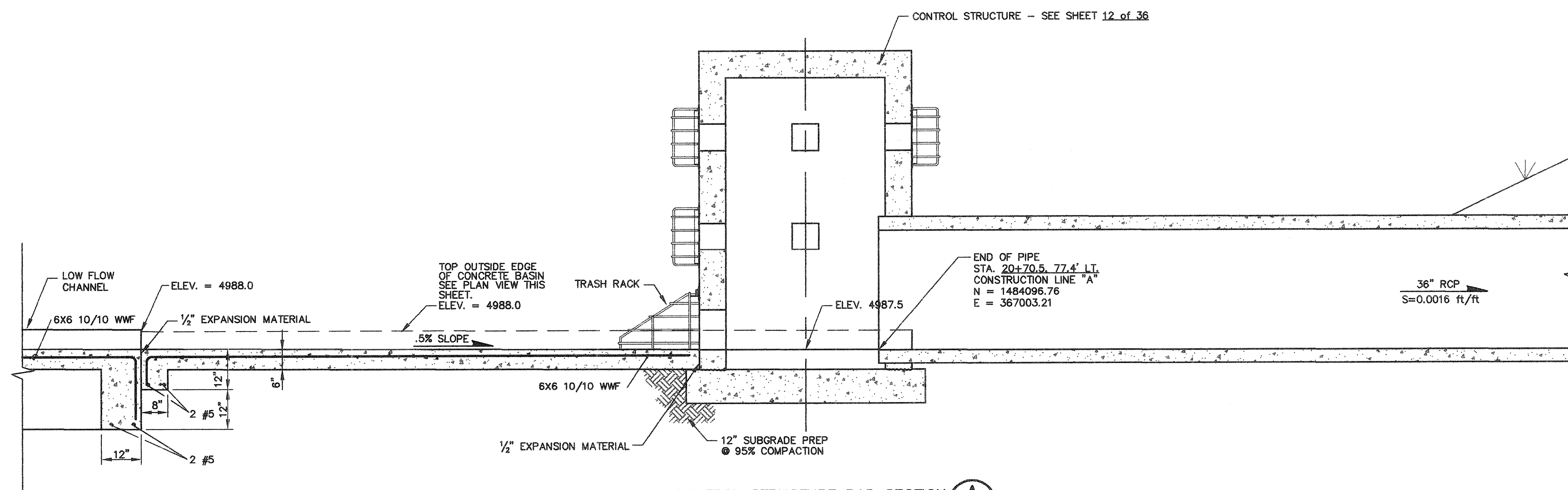
AS-BUILT REVISIONS, SEE SHEET 7 FOR REVISED MH LOCATIONS.		2/97	BY	DATE	DESIGNED BY	JCM	DATE	DEC. 1995
SEE PLAN AND PROFILES FOR REVISED MH VERTICAL INFORMATION			BY	DATE	DRAWN BY	JTN	DATE	DEC. 1995
REMARKS			BY	DATE	CHECKED BY	JMS	DATE	DEC. 1995
NO. DATE								
REVISIONS								
DESIGN								
ENGINEER'S SEAL					56/12/12/12 Jose M. Lopez			
SURVEY INFORMATION		FIELD NOTES			BENCH MARKS			
NO.		BY	DATE	NM45-3A, CITY OF ALBUQUERQUE BENCH MARK STATION IS A 3/4" ALUMINUM TABLET STAMPED "NM-3A, 1984", SET FLUSH WITH THE ROAD. THE STATION IS LOCATED 31' SOUTH OF THE INTERSECTION OF OLD COORS BLVD. AND GONZALES ROAD ALONG THE CENTERLINE OF COORS. X=366206.41, Y=1483333.25 ELEVATION = 5017.927				
AS BUILT INFORMATION		WORK			CONTRACTOR			
NO.		BY	DATE	R.M.C.I., INC. DATE 2/97 STAKED BY DATE 2/97 FIELD ADJUSTED BY C.O.A. DATE 2/97 CORRECTED BY C.O.A. DATE 2/97 DRAWINGS BY GFW DATE 2/97				
MICRO-FILM INFORMATION		RECORDED BY			DATE			
NO.								



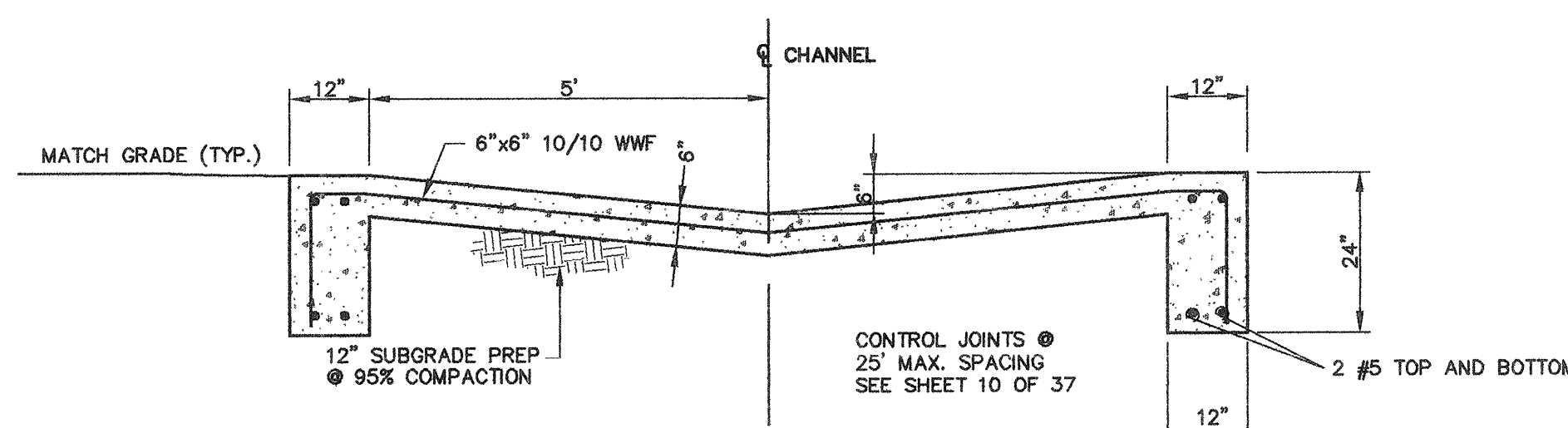
LOW FLOW CHANNEL TRANSITION DETAIL
SCALE: 1/8" = 1'-0"



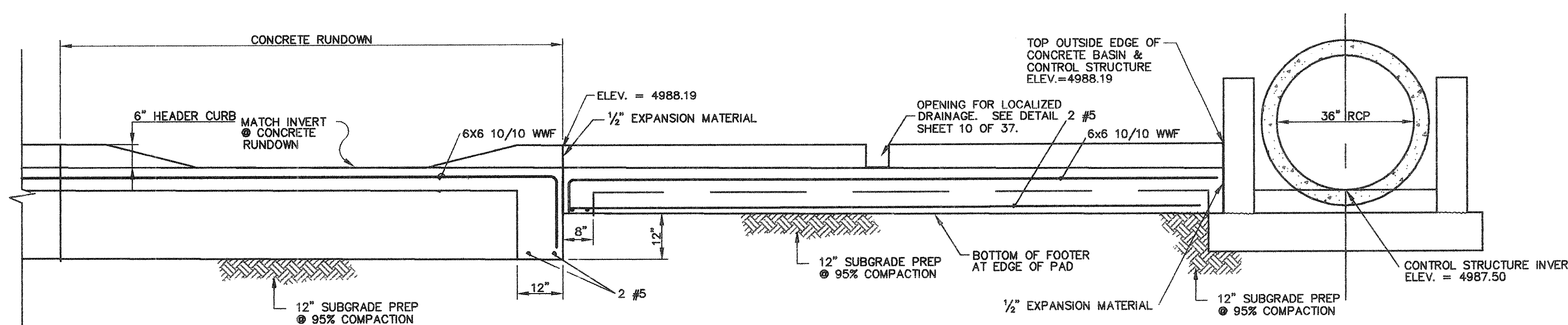
LOW FLOW CHANNEL TRANSITION SECTION
SCALE: 1/2" = 1'-0"



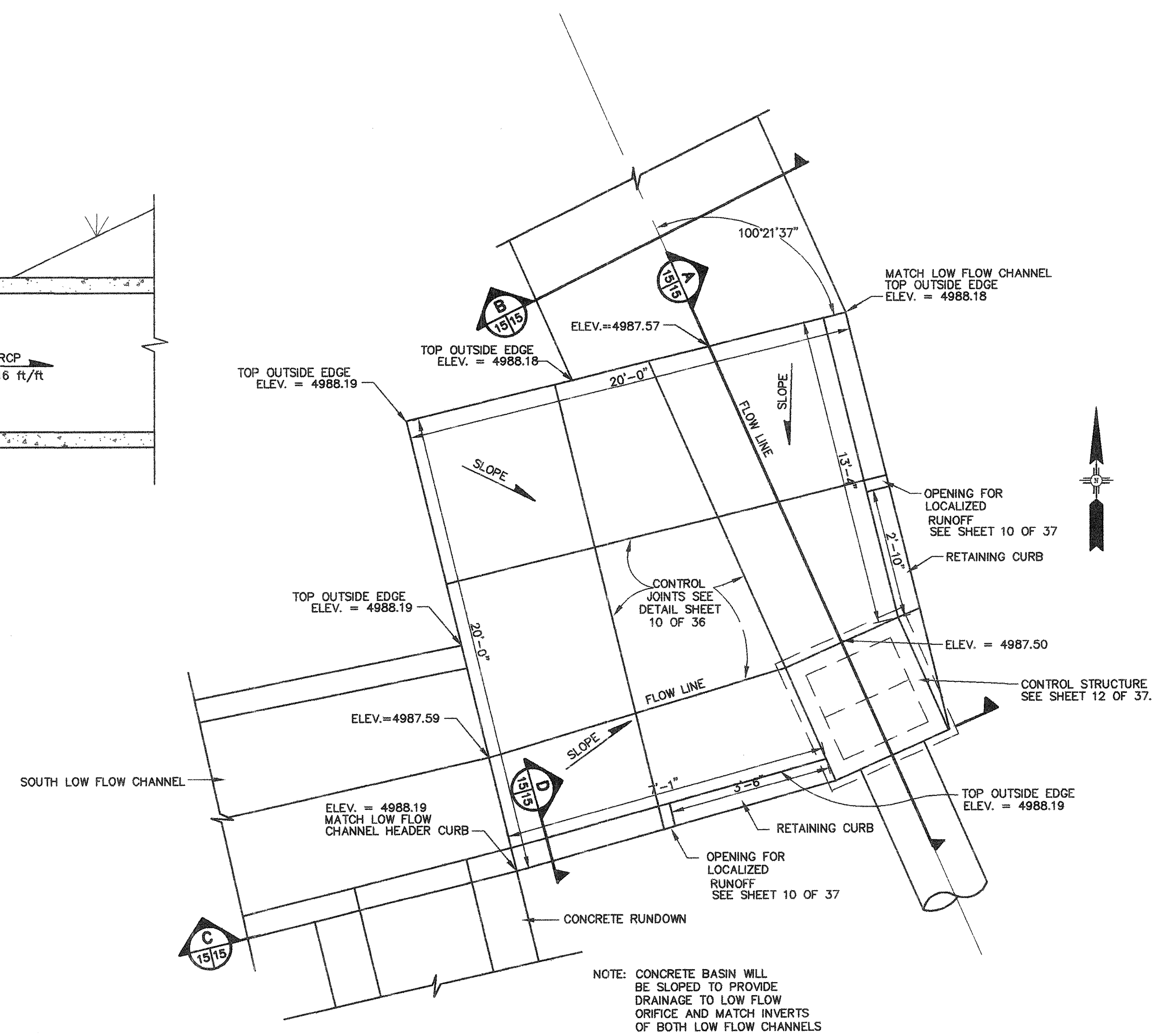
CONTROL STRUCTURE PAD SECTION
SCALE: 1/2" = 1'-0"



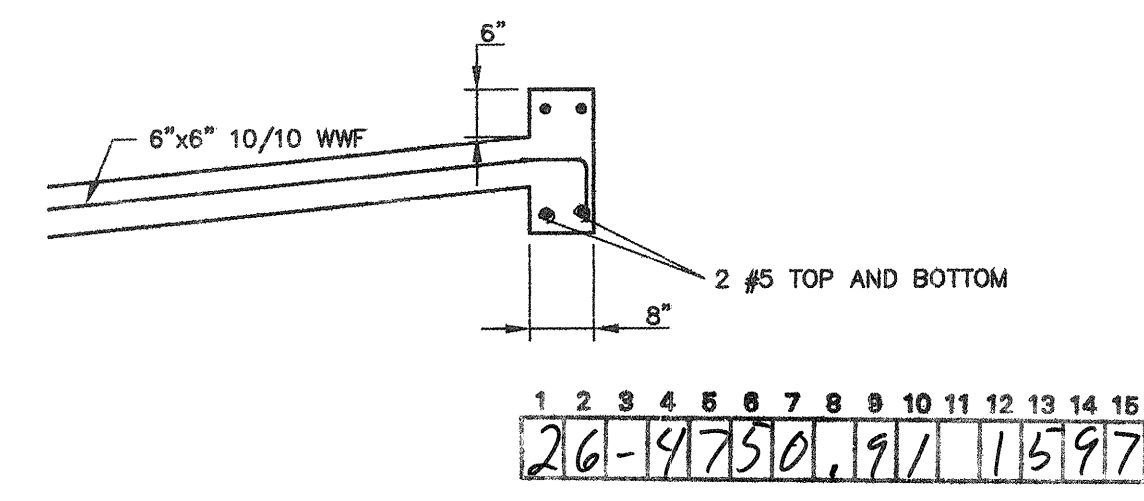
LOW FLOW CHANNEL SECTION
SCALE: 1/2" = 1'-0"



CONTROL PAD/36" RCP SECTION
SCALE: 1/2" = 1'-0"



CONCRETE PAD AT CONTROL STRUCTURE - PLAN
SCALE: 1/4" = 1'-0"



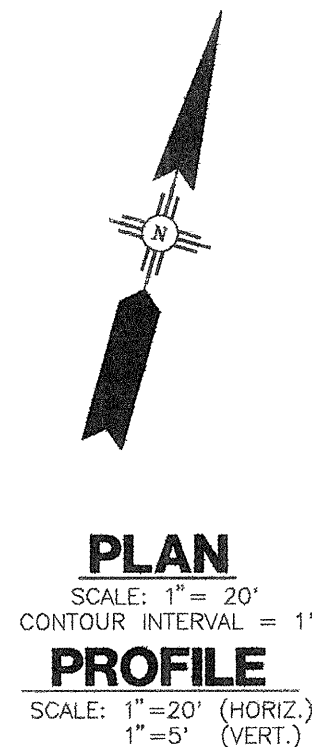
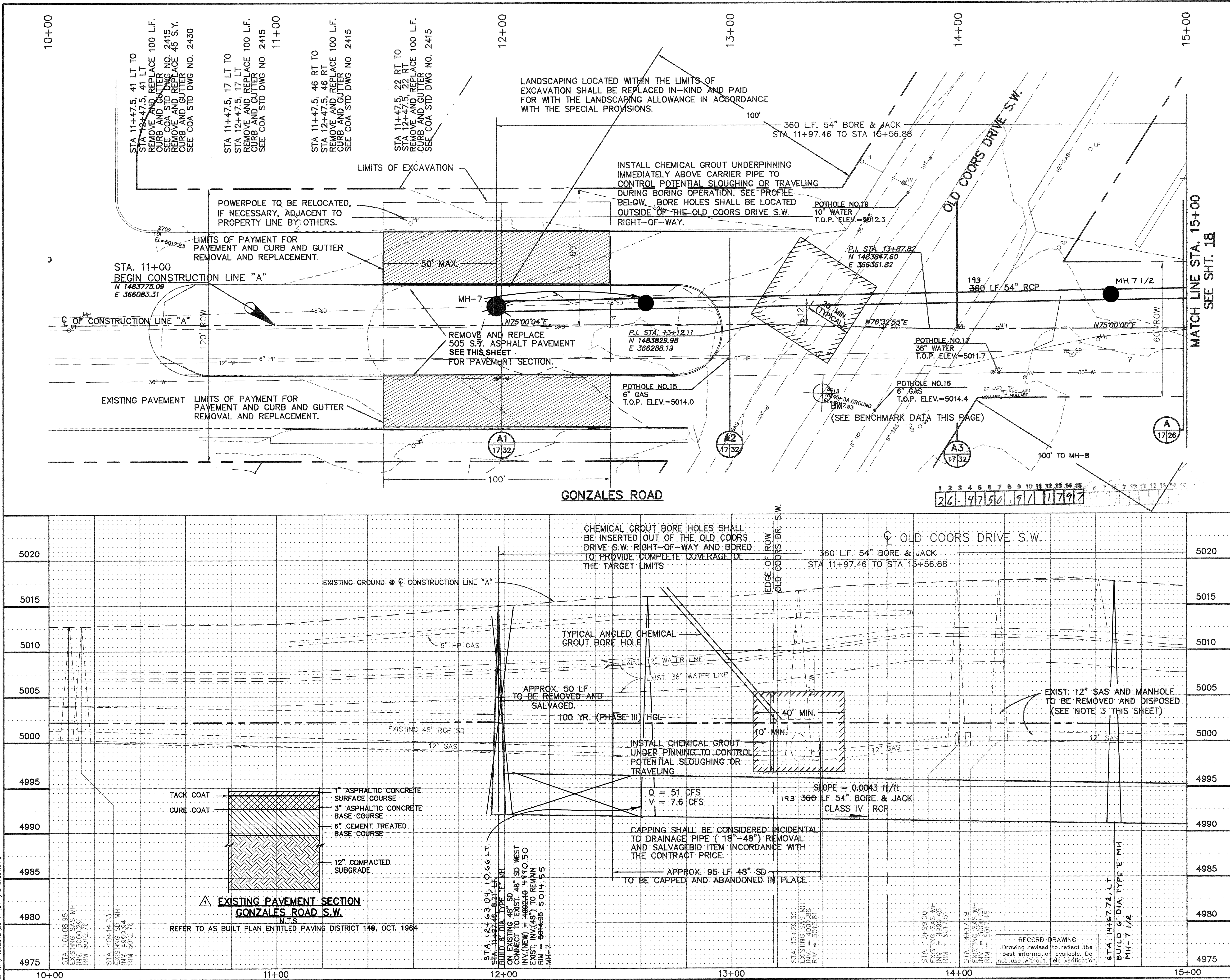
HEADER CURD SECTION
SCALE: 1/2" = 1'-0"



CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING DEVELOPMENT GROUP	
TITLE: GONZALES POND IMPROVEMENTS CONTROL STRUCTURE PAD/LOW FLOW CHANNEL DETAILS	
Design Review Committee	City Engineer Approval
City Project No. 4750.91	Zone Map No. K-11
Sheet 15	Of 37

ELEMENTS CHANNEL DETAILS										ENGINEER'S SEAL										FIELD NOTES										CONTRACTOR INFORMATION																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
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DATE: 11-28-95
Filename: K:\PROJECTS\29717\01\RP01001.DWG



- NOTES:
- ALL PROPERTY LINE(S) INFORMATION SHOWN ON THESE DRAWINGS WAS TAKEN FROM RECORDED PLATS OBTAINED FROM THE BERNALILLO COUNTY CLERKS OFFICE. THE CONTRACTOR SHALL FIELD VERIFY AND COORDINATE WITH THE CITY OF ALBUQUERQUE SURVEYING DEPARTMENT TO DETERMINE ACTUAL PROPERTY LINE LOCATION(S). IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO RELOCATE FENCES/ WALLS WHICH ARE ENCRANCHING CITY PROPERTY TO THE ACTUAL PROPERTY LINE UNLESS OTHERWISE STATED.
 - SAS IMPROVEMENTS ON 53RD STREET MUST BE COMPLETED PRIOR TO REMOVAL AND DISPOSAL OF EXISTING 12" SAS AND MANHOLES.
 - THE CONTRACTOR SHALL REMOVE AND DISPOSE OF EXISTING 12" SAS LINE, MANHOLES AND ALL APPURTENANCES IN GONZALES ROAD S.W. FROM STA 14+17 TO STA 28+07 INCLUDING BUT NOT LIMITED TO DISPOSAL OF STORED SEWAGE, PERMITS, FEES, TRANSPORTATION, PUMPING, TRENCH BACKFILL AND COMPACTION, LABOR, MATERIALS, AND EQUIPMENT, COMPLETE.
 - SEE SHEET 33 OF 37 FOR SAS IMPROVEMENTS AND WATER SHUTOFF PLAN FOR 53RD STREET S.W.
 - THE CONTRACTOR SHALL REMOVE AND REPLACE IN-KIND EXISTING IRRIGATION COMPONENTS, LANDSCAPING, WALLS, CONCRETE SLABS, SIGNS, TREES, LIGHTING, INCLUDING BUT NOT LIMITED TO REMOVAL, TRANSPORTATION, DISPOSAL, PERMITS, SURVEYING, FEES, SAWCUTTING, COORDINATION WITH PROPERTY OWNERS, STORAGE, LABOR, MATERIALS AND EQUIPMENT, COMPLETE AND SHALL BE PAID FOR BY THE LANDSCAPING ALLOWANCE IN ACCORDANCE WITH THE SPECIAL PROVISIONS. THE CONTRACTOR SHALL SURVEY ALL EXISTING FEATURES AND SUBMIT TO OWNER FOR APPROVAL PRIOR TO REMOVAL.
 - CONTRACTOR SHALL NOT ENTER COORS RIGHT-OF-WAY.



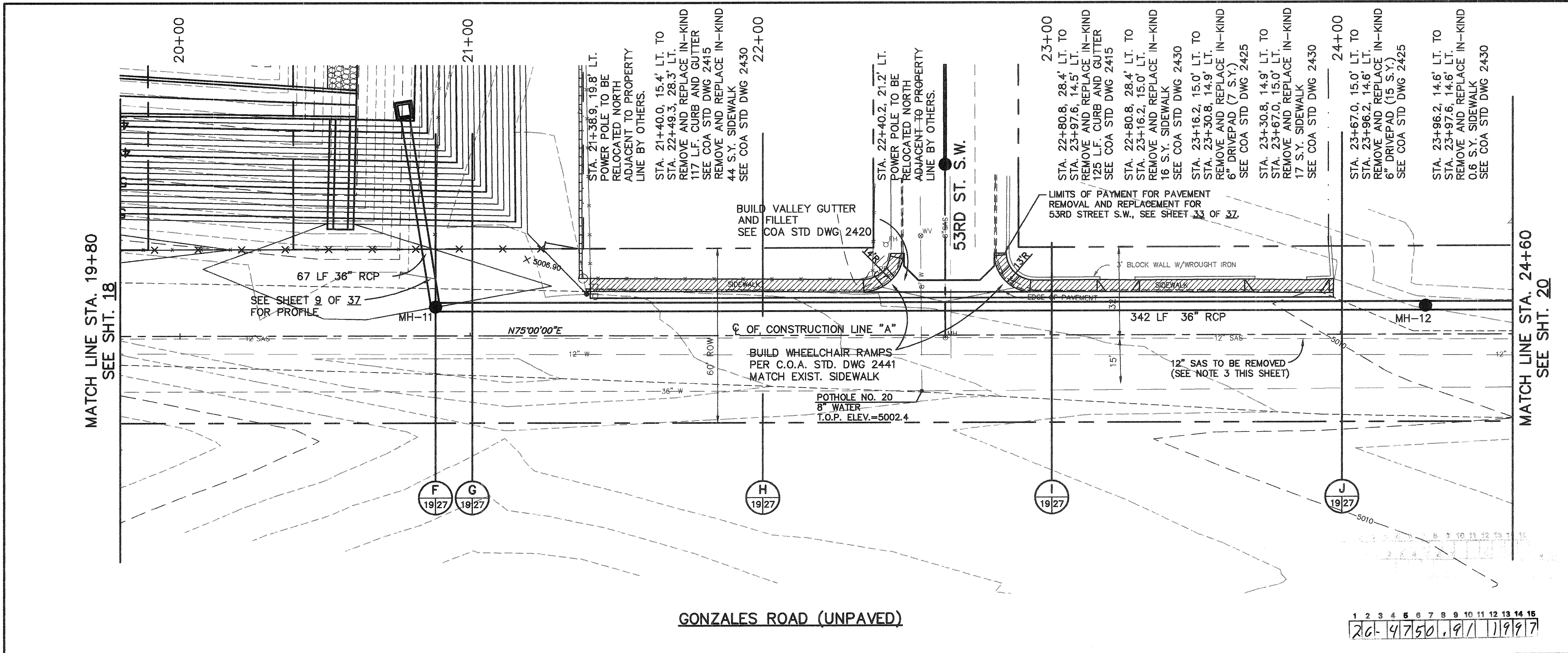
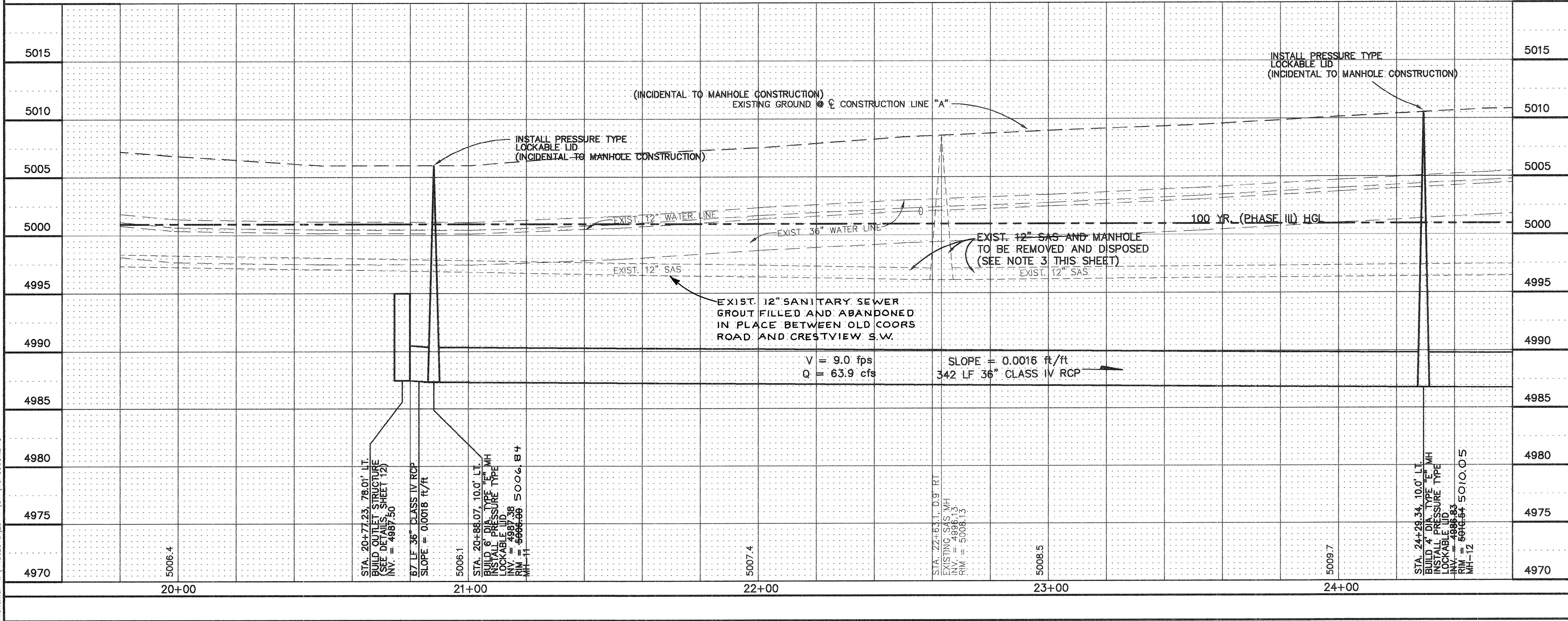
CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE: **GONZALES POND IMPROVEMENTS**
GONZALES ROAD - STA. 10+00 TO STA. 15+00

Design Review Committee City Engineer Approval

City Project No. **4750.91** Zone Map No. **K-11** Sheet **17** Of **37**

AS BUILT INFORMATION				BENCH MARKS				SURVEY INFORMATION				ENGINEER'S SEAL			
CONTRACTOR	R.M.C.I., INC.	DATE	2/97	WORK	ALBUQUERQUE BENCH MARK STATION	DATE	2/97	FIELD NOTES	NO.	BY	DATE	NO.	BY	DATE	NO.
STATIONED BY	R.M.C.I., INC.	DATE	2/97	SET A 3/4" ALUMINUM TABLET STAMPED "NM-3A, 1984"	IS A 3/4" ALUMINUM TABLET STAMPED "NM-3A, 1984"	DATE	2/97	NO. 1	1	GFV	10-9-95	NO. 1	GFV	10-9-95	NO. 1
APPROVED BY	R.M.C.I., INC.	DATE	2/97	31' SOUTH OF THE INTERSECTION OF OLD COORS BLVD.	31' SOUTH OF THE INTERSECTION OF OLD COORS BLVD.	DATE	2/97								
APPROVED BY	R.M.C.I., INC.	DATE	2/97	AND GONZALES ROAD ALONG THE CENTERLINE OF COORS	AND GONZALES ROAD ALONG THE CENTERLINE OF COORS	DATE	2/97								
APPROVED BY	R.M.C.I., INC.	DATE	2/97	X=366206.41, Y=148333.25 ELEVATION = 5017.927	X=366206.41, Y=148333.25 ELEVATION = 5017.927	DATE	2/97								
APPROVED BY	R.M.C.I., INC.	DATE	2/97			DATE	2/97								
APPROVED BY	R.M.C.I., INC.	DATE	2/97			DATE	2/97								



PLAN

SCALE: 1" = 20'

CONTOUR INTERVAL = 1'

PROFILE

SCALE: 1" = 20' (HORIZ.)

1" = 5' (VERT.)

NOTES:

1. ALL PROPERTY LINE(S) INFORMATION SHOWN ON THESE DRAWINGS WAS TAKEN FROM RECORDED PLATS OBTAINED FROM THE BERNALILLO COUNTY CLERKS OFFICE. THE CONTRACTOR SHALL FIELD VERIFY AND COORDINATE WITH THE CITY OF ALBUQUERQUE SURVEYING DEPARTMENT TO DETERMINE ACTUAL PROPERTY LINE LOCATION(S). IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO RELOCATE FENCES/ WALLS WHICH ARE ENCRANCHING CITY PROPERTY TO THE ACTUAL PROPERTY LINE UNLESS OTHERWISE STATED.

2. SAS IMPROVEMENTS ON 53RD STREET MUST BE COMPLETED PRIOR TO REMOVAL AND DISPOSAL OF EXISTING 12" SAS AND MANHOLES.

3. THE CONTRACTOR SHALL REMOVE AND DISPOSE OF EXISTING 12" SAS LINE, MANHOLES AND ALL APPURTENANCES IN GONZALES ROAD S.W. FROM STA 14+17 TO STA 28+07 INCLUDING BUT NOT LIMITED TO DISPOSAL OF STORED SEWAGE, PERMITS, FEES, TRANSPORTATION, PUMPING, TRENCH BACKFILL AND COMPACTION, LABOR, MATERIALS, AND EQUIPMENT, COMPLETE.

4. SEE SHEET 33 OF 37 FOR SAS IMPROVEMENTS AND WATER SHUTOFF PLAN FOR 53RD STREET S.W.

5. THE CONTRACTOR SHALL REMOVE AND REPLACE IN-KIND EXISTING IRRIGATION COMPONENTS, LANDSCAPING, WALLS, CONCRETE SLABS, SIGNS, TREES, LIGHTING, INCLUDING BUT NOT LIMITED TO REMOVAL, TRANSPORTATION, DISPOSAL, PERMITS, SURVEYING, FEES, SAWCUTTING, COORDINATION WITH PROPERTY OWNERS, STORAGE, LABOR, MATERIALS AND EQUIPMENT, COMPLETE AND SHALL BE PAID FOR BY THE LANDSCAPING ALLOWANCE IN ACCORDANCE WITH THE SPECIAL PROVISIONS. THE CONTRACTOR SHALL SURVEY ALL EXISTING FEATURES AND SUBMIT TO OWNER FOR APPROVAL PRIOR TO REMOVAL.

6. ALL MANHOLES ON NEW 36" OUTFALL LINE SHALL BE CONSTRUCTED WITH PRESSURE TYPE LOCKABLE LIDS WHICH SHALL BE CONSIDERED INCIDENTAL TO 4-FT DIA MANHOLE CONSTRUCTION IN ACCORDANCE WITH THE CONTRACT PRICE.

ENGINEER'S SEAL

NO. DATE

REMARKS

DESIGN

BY

DESIGNED BY JCM

DRAWN BY JTN

CHECKED BY JMS

DATE DEC. 1995

DATE DEC. 1995

DATE DEC. 1995

CITY OF ALBUQUERQUE

PUBLIC WORKS DEPARTMENT

ENGINEERING DEVELOPMENT GROUP

TITLE: GONZALES POND IMPROVEMENTS

GONZALES ROAD - STA. 19+80 TO STA. 24+60

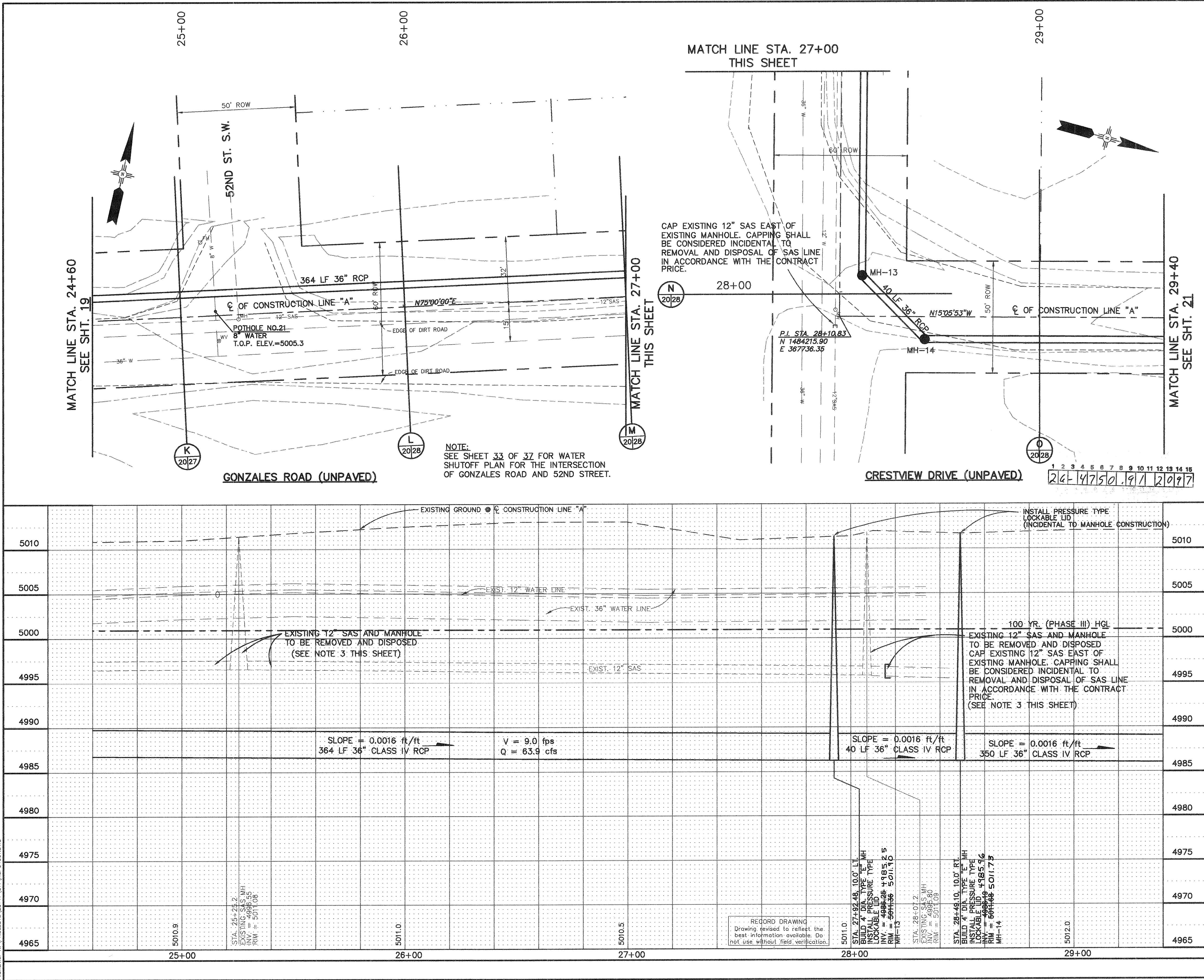
Design Review Committee City Engineer Approval

City Project No. 4750.91

Zone Map No. K-11

Sheet 19

Of 37



PLAN
SCALE: 1" = 20'
CONTOUR INTERVAL = 1'

PROFILE
SCALE: 1" = 20' (HORIZ.)
1" = 5' (VERT.)

NOTES:

1. ALL PROPERTY LINE(S) INFORMATION SHOWN ON THESE DRAWINGS WAS TAKEN FROM RECORDED PLATS OBTAINED FROM THE BERNALILLO COUNTY CLERKS OFFICE. THE CONTRACTOR SHALL FIELD VERIFY AND COORDINATE WITH THE CITY OF ALBUQUERQUE SURVEYING DEPARTMENT TO DETERMINE ACTUAL PROPERTY LINE LOCATION(S). IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO RELOCATE FENCES/WALLS WHICH ARE ENCRONCHING CITY PROPERTY TO THE ACTUAL PROPERTY LINE UNLESS OTHERWISE STATED.
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4. SEE SHEET 33 OF 37 FOR SAS IMPROVEMENTS AND WATER SHUTOFF PLAN FOR 53RD STREET S.W.
5. THE CONTRACTOR SHALL REMOVE AND REPLACE IN-KIND EXISTING IRRIGATION COMPONENTS, LANDSCAPING, WALLS, CONCRETE SLABS, SIGNS, TREES, LIGHTING, INCLUDING BUT NOT LIMITED TO REMOVAL, TRANSPORTATION, DISPOSAL, PERMITS, SURVEYING, FEES, SAWCUTTING, COORDINATION WITH PROPERTY OWNERS, STORAGE, LABOR, MATERIALS AND EQUIPMENT, COMPLETE AND SHALL BE PAID FOR BY THE LANDSCAPING ALLOWANCE IN ACCORDANCE WITH THE SPECIAL PROVISIONS. THE CONTRACTOR SHALL SURVEY ALL EXISTING FEATURES AND SUBMIT TO OWNER FOR APPROVAL PRIOR TO REMOVAL.
6. ALL MANHOLES ON NEW 36" OUTFALL LINE SHALL BE CONSTRUCTED WITH PRESSURE TYPE LOCKABLE LIDS WHICH SHALL BE CONSIDERED INCIDENTAL TO 4-FT DIA MANHOLE CONSTRUCTION IN ACCORDANCE WITH THE CONTRACT PRICE.



CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE: **GONZALES POND IMPROVEMENTS**
GONZALES RD. AND CRESTVIEW DRIVE
STA. 24+60 TO STA. 29+40

Design Review Committee City Engineer Approval

3.4.8
1/14/96

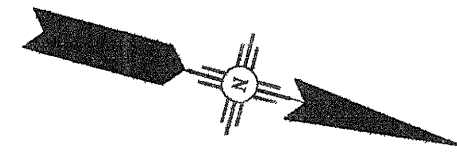
City Project No. **4750.91** Zone Map No. **K-11** Sheet **20** Of **37**

								ENGINEER'S SEAL		SURVEY INFORMATION		BENCH MARKS		AS BUILT INFORMATION	
										FIELD NOTES		NM45-3A, CITY OF ALBUQUERQUE BENCH MARK STATION IS A 3 1/2" ALUMINUM TABLET STAMPED "NM-3A, 1984", SET FLUSH WITH THE ROAD. THE STATION IS LOCATED 31' SOUTH OF THE INTERSECTION OF OLD COORS BLVD. AND GONZALES ROAD ALONG THE CENTERLINE OF COORS. X=366206.41, Y=1483333.25 ELEVATION = 5017.927		CONTRACTOR R.M.C.I., INC. DATE 2/97 WORK STAMPED BY R.M.C.I., INC. DATE 2/97 ACCEPTANCE BY C.O.A. AS DATE 2/97 FIELD VERIFICATION BY C.O.A. DATE 2/97 CORRECTED BY GFW DATE 2/97 MICRO-FILM INFORMATION RECORDED BY DATE NO.	

DATE: 12-11-95
Filename: K:\PROJECTS\28717\01\RCPO6001.DWG

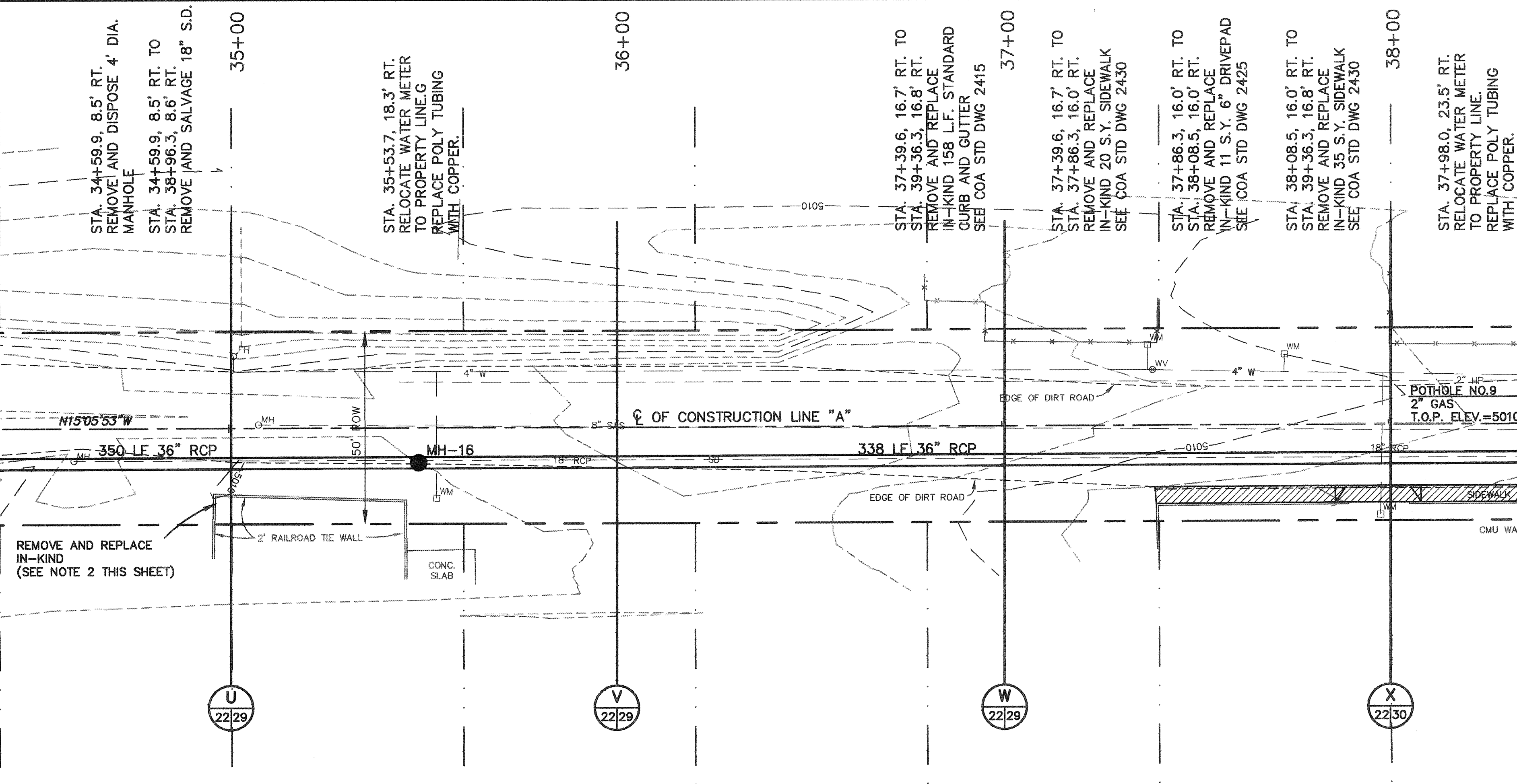
MATCH LINE STA. 34+20
SEE SHT. 21

MATCH LINE STA. 38+60
SEE SHT. 23



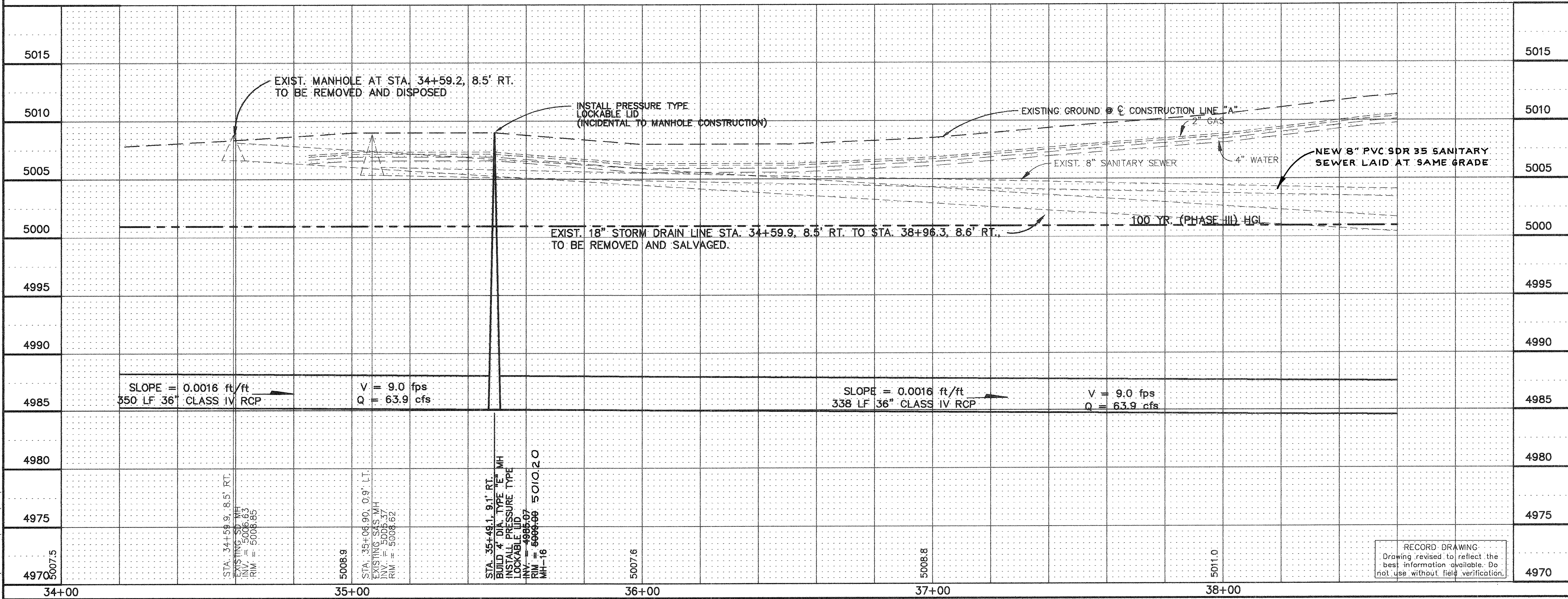
PLAN
SCALE: 1" = 20'
CONTOUR INTERVAL = 1'

PROFILE
SCALE: 1" = 20' (HORIZ.)
1" = 5' (VERT.)



CRESTVIEW DRIVE (UNPAVED)

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
26-14750.19/1 2297



NOTES:

- ALL PROPERTY LINE(S) INFORMATION SHOWN ON THESE DRAWINGS WAS TAKEN FROM RECORDED PLATS OBTAINED FROM THE BERNALILLO COUNTY CLERKS OFFICE. THE CONTRACTOR SHALL FIELD VERIFY AND COORDINATE WITH THE CITY OF ALBUQUERQUE SURVEYING DEPARTMENT TO DETERMINE ACTUAL PROPERTY LINE LOCATION(S). IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO RELOCATE FENCES/ WALLS WHICH ARE ENCRANCHING CITY PROPERTY TO THE ACTUAL PROPERTY LINE UNLESS OTHERWISE STATED.
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- ALL MANHOLES ON NEW 36" OUTFALL LINE SHALL BE CONSTRUCTED WITH PRESSURE TYPE LOCKABLE LIDS WHICH SHALL BE CONSIDERED INCIDENTAL TO 4-FT DIA MANHOLE CONSTRUCTION IN ACCORDANCE WITH THE CONTRACT PRICE.
- CONTRACTOR SHALL PROVIDE TEMPORARY WATER SERVICE (IF NECESSARY) PRIOR TO OR DURING RELOCATION OF WATER METERS. THIS SHALL BE CONSIDERED INCIDENTAL TO WATER METER RELOCATION COST.



CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE: **GONZALES POND IMPROVEMENTS
CRESTVIEW DRIVE STA. 34+20 TO STA. 38+60**

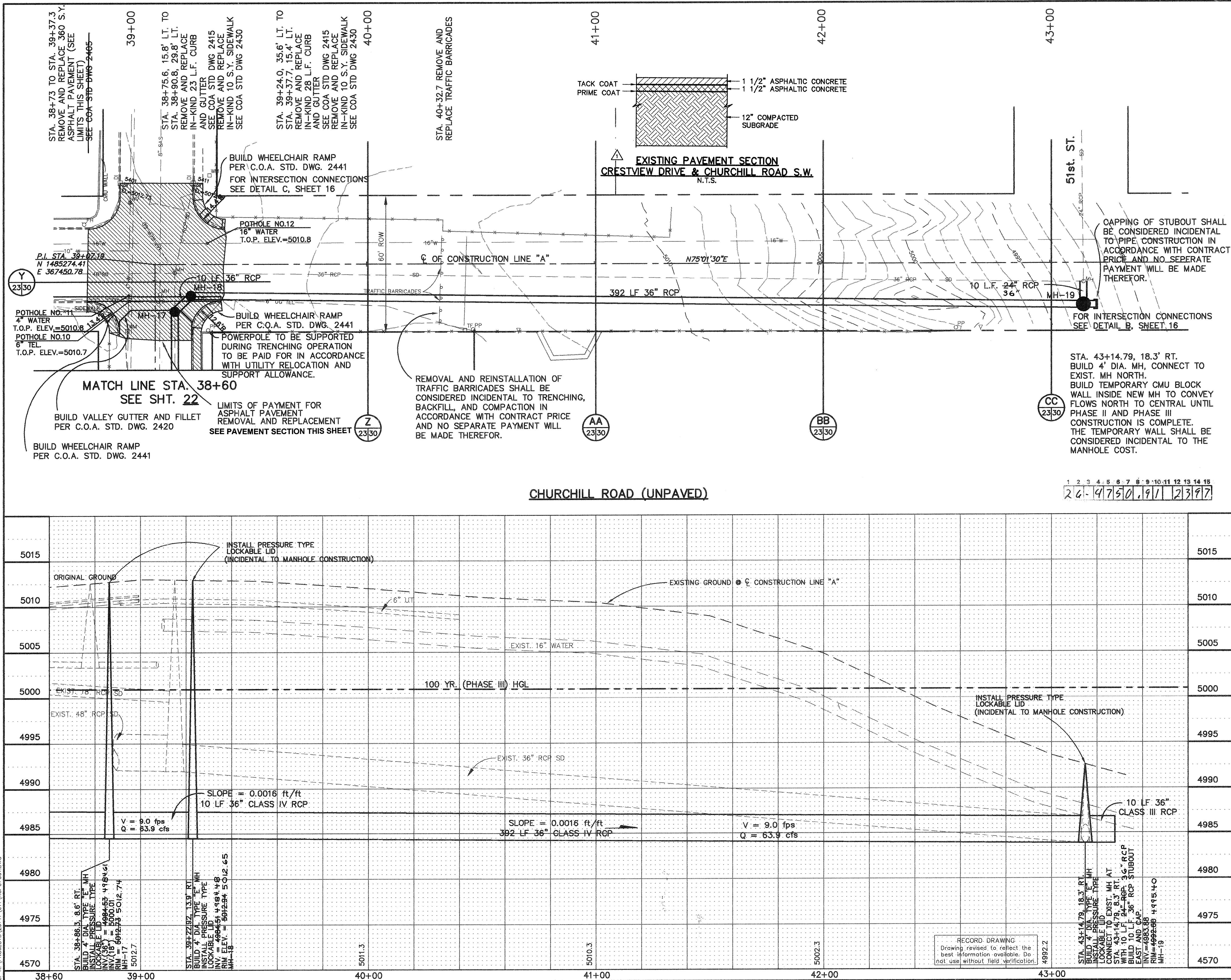
Design Review Committee City Engineer Approval

1/4/96

City Project No. **4750.91** Zone Map No. **K-11** Sheet **22** Of **37**

AS BUILT INFORMATION			
CONTRACTOR	R.M.C.I., INC.	DATE	2/97
INSPECTED BY	R.M.C.I., INC.	DATE	2/97
FIELD ENGINEER	C.O.A. 1509	DATE	2/97
VERIFICATION BY	C.O.A.	DATE	2/97
CORRECTED BY	GFW	DATE	2/97
MICRO-FILM INFORMATION			
RECORDED BY		NO.	
SURVEY INFORMATION			
FIELD NOTES		DATE	10-9-95
NO.	1	BY	GFW
BENCH MARKS			
NW45-3A, CITY OF ALBUQUERQUE BENCH MARK STATION IS A 3/4" ALUMINUM TABLET STAMPED "NM-3A, 1984". SET FLUSH WITH THE ROAD. THE STATION IS LOCATED 31' SOUTH OF THE INTERSECTION OF OLD COORS BLVD. AND GONZALES ROAD ALONG THE CENTERLINE OF COORS. X=366206.41, Y=148333.25 ELEVATION = 5017.927			
ENGINEER'S SEAL			
JOHN M. STUMP III REGISTERED PROFESSIONAL ENGINEER 12/11/95			
REVISIONS			
NO.	DATE	REMARKS	DESIGN
1	2/97	AS-BUILT REVISIONS, SEE SHEET 7 FOR REVISED MH LOCATIONS.	
DESIGNED BY	JCM	DATE	DEC. 1995
DRAWN BY	JTN	DATE	DEC. 1995
CHECKED BY	JMS	DATE	DEC. 1995

DATE: 12-11-95
Filename: K:\PROJECTS\2871\01\RCPO700.DWG



- NOTES:
- ALL PROPERTY LINE(S) INFORMATION SHOWN ON THESE DRAWINGS WAS TAKEN FROM RECORDED PLATS OBTAINED FROM THE BERNALILLO COUNTY CLERKS OFFICE. THE CONTRACTOR SHALL FIELD VERIFY AND COORDINATE WITH THE CITY OF ALBUQUERQUE SURVEYING DEPARTMENT TO DETERMINE ACTUAL PROPERTY LINE LOCATION(S). IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO RELOCATE FENCES/ WALLS WHICH ARE ENCRANCHING CITY PROPERTY TO THE ACTUAL PROPERTY LINE UNLESS OTHERWISE STATED.
 - THE CONTRACTOR SHALL REMOVE AND REPLACE IN-KIND EXISTING IRRIGATION COMPONENTS, LANDSCAPING, WALLS, CONCRETE SLABS, SIGNS, TREES, LIGHTING, INCLUDING BUT NOT LIMITED TO REMOVAL, TRANSPORTATION, DISPOSAL, PERMITS, SURVEYING, FEES, SAWCUTTING, COORDINATION WITH PROPERTY OWNERS, STORAGE, LABOR, MATERIALS AND EQUIPMENT, COMPLETE AND SHALL BE PAID FOR BY THE LANDSCAPING ALLOWANCE IN ACCORDANCE WITH THE SPECIAL PROVISIONS. THE CONTRACTOR SHALL SURVEY ALL EXISTING FEATURES AND SUBMIT TO OWNER FOR APPROVAL PRIOR TO REMOVAL.
 - ALL MANHOLES ON NEW 36" OUTFALL LINE SHALL BE CONSTRUCTED WITH PRESSURE TYPE LOCKABLE LIDS WHICH SHALL BE CONSIDERED INCIDENTAL TO 4-FT DIA MANHOLE CONSTRUCTION IN ACCORDANCE WITH THE CONTRACT PRICE.
 - CONTRACTOR SHALL PROVIDE TEMPORARY WATER SERVICE (IF NECESSARY) PRIOR TO OR DURING RELOCATION OF WATER METERS. THIS SHALL BE CONSIDERED INCIDENTAL TO WATER METER RELOCATION COST.



CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE: GONZALES POND IMPROVEMENTS
CHURCHILL ROAD STA. 38+60 TO STA. 43+14

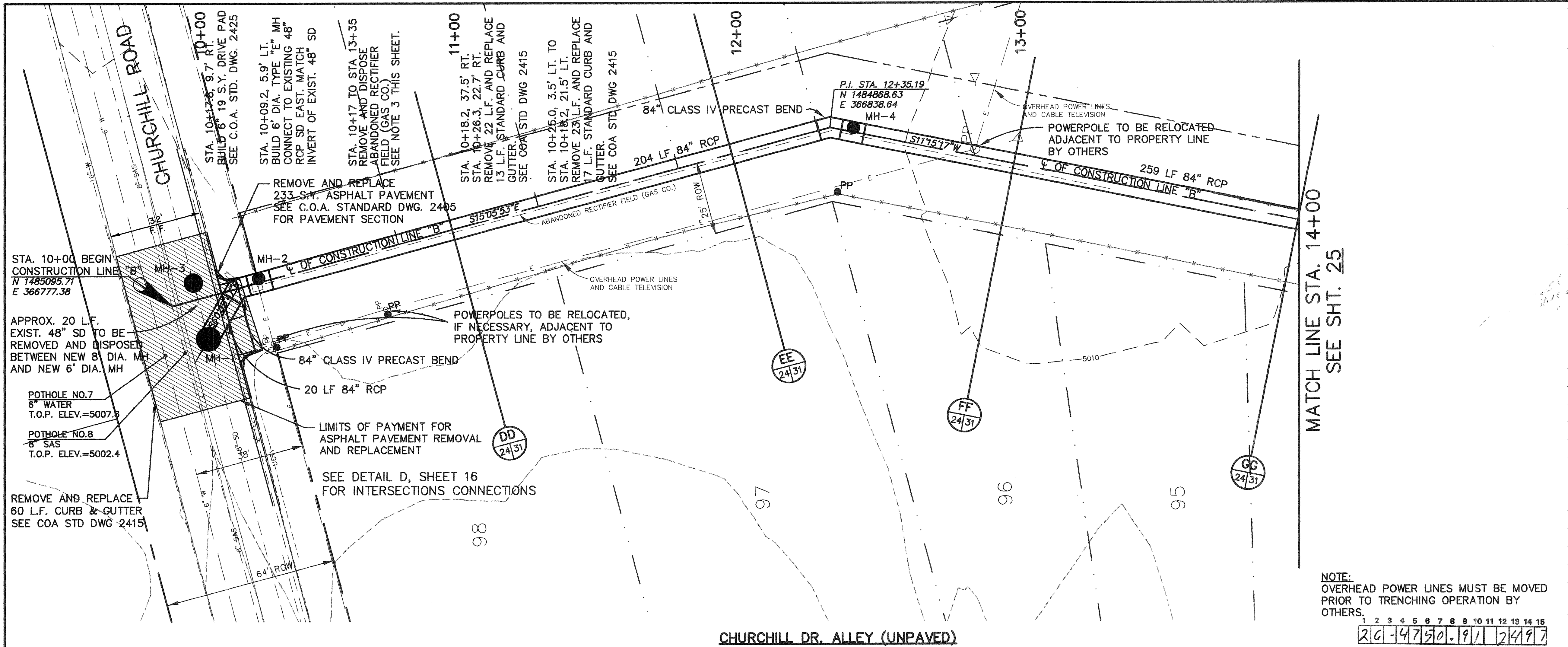
Design Review Committee City Engineer Approval

City Project No. 4750.91 Zone Map No. K-11 Sheet 23 Of 37

REVISIONS

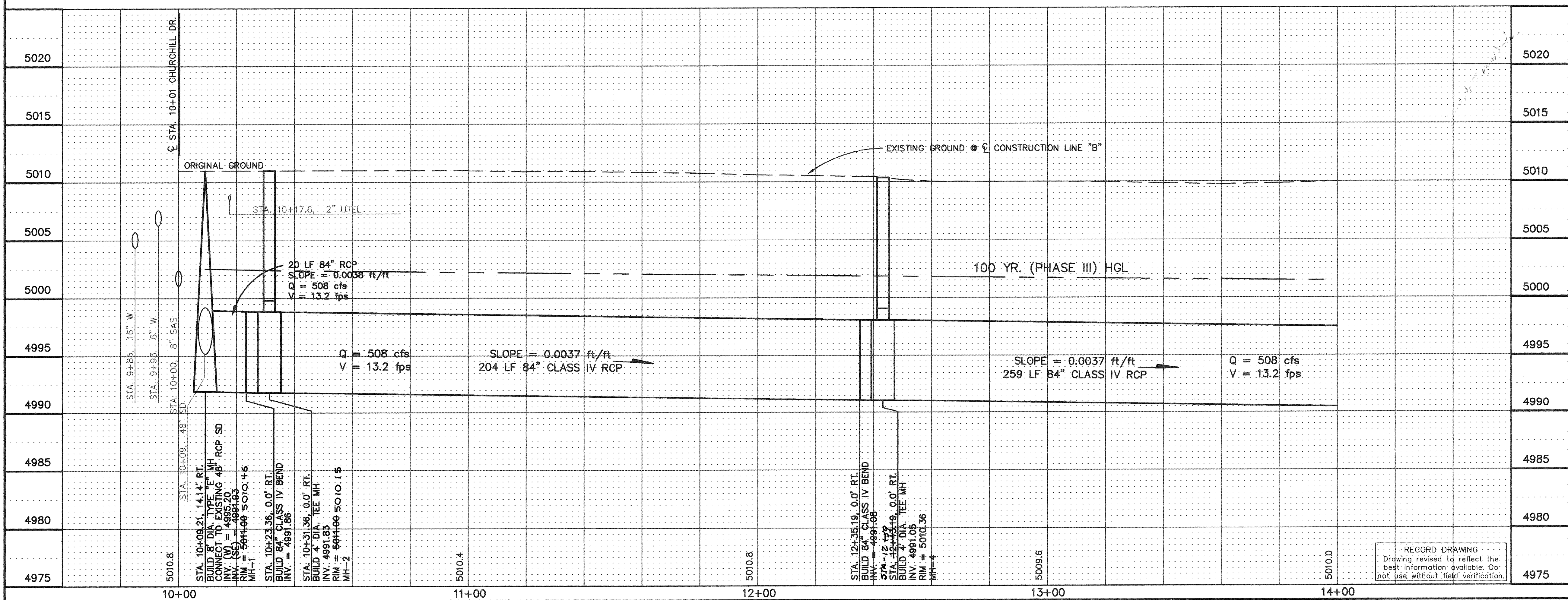
NO.	DATE	REMARKS
1	12/22/95	ADDITION OF PAVEMENT SECTION

DESIGNED BY JCM DATE DEC. 1995
DRAWN BY JTN DATE DEC. 1995
CHECKED BY JMS DATE DEC. 1995



NOTE:
OVERHEAD POWER LINES MUST BE MOVED
PRIOR TO TRENCHING OPERATION BY
OTHERS.

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
20-4750-191 2497



- NOTES:
- ALL PROPERTY LINE(S) INFORMATION SHOWN ON THESE DRAWINGS WAS TAKEN FROM RECORDED PLATS OBTAINED FROM THE BERNALILLO COUNTY CLERKS OFFICE. THE CONTRACTOR SHALL FIELD VERIFY AND COORDINATE WITH THE CITY OF ALBUQUERQUE SURVEYING DEPARTMENT TO DETERMINE ACTUAL PROPERTY LINE LOCATION(S). IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO RELOCATE FENCES/WALLS WHICH ARE ENCRDACHING CITY PROPERTY TO THE ACTUAL PROPERTY LINE UNLESS OTHERWISE STATED.
 - THE CONTRACTOR SHALL REMOVE AND REPLACE IN-KIND EXISTING IRRIGATION COMPONENTS, LANDSCAPING, WALLS, CONCRETE SLABS, SIGNS, TREES, LIGHTING, INCLUDING BUT NOT LIMITED TO REMOVAL, TRANSPORTATION, DISPOSAL, PERMITS, SURVEYING, FEES, SAWCUTTING, COORDINATION WITH PROPERTY OWNERS, STORAGE, LABOR, MATERIALS AND EQUIPMENT, COMPLETE AND SHALL BE PAID FOR BY THE LANDSCAPING ALLOWANCE IN ACCORDANCE WITH THE SPECIAL PROVISIONS. THE CONTRACTOR SHALL SURVEY ALL EXISTING FEATURES AND SUBMIT TO OWNER FOR APPROVAL PRIOR TO REMOVAL.
 - THE CONTRACTOR SHALL REMOVE AND DISPOSE THE ABANDONED RECTIFIER FIELD. THIS SHALL BE CONSIDERED INCIDENTAL TO THE COST OF TRENCHING, BACKFILL AND COMPACTION IN ACCORDANCE WITH THE CONTRACT PRICE AND NO ADDITIONAL PAYMENT WILL BE MADE THEREFOR.

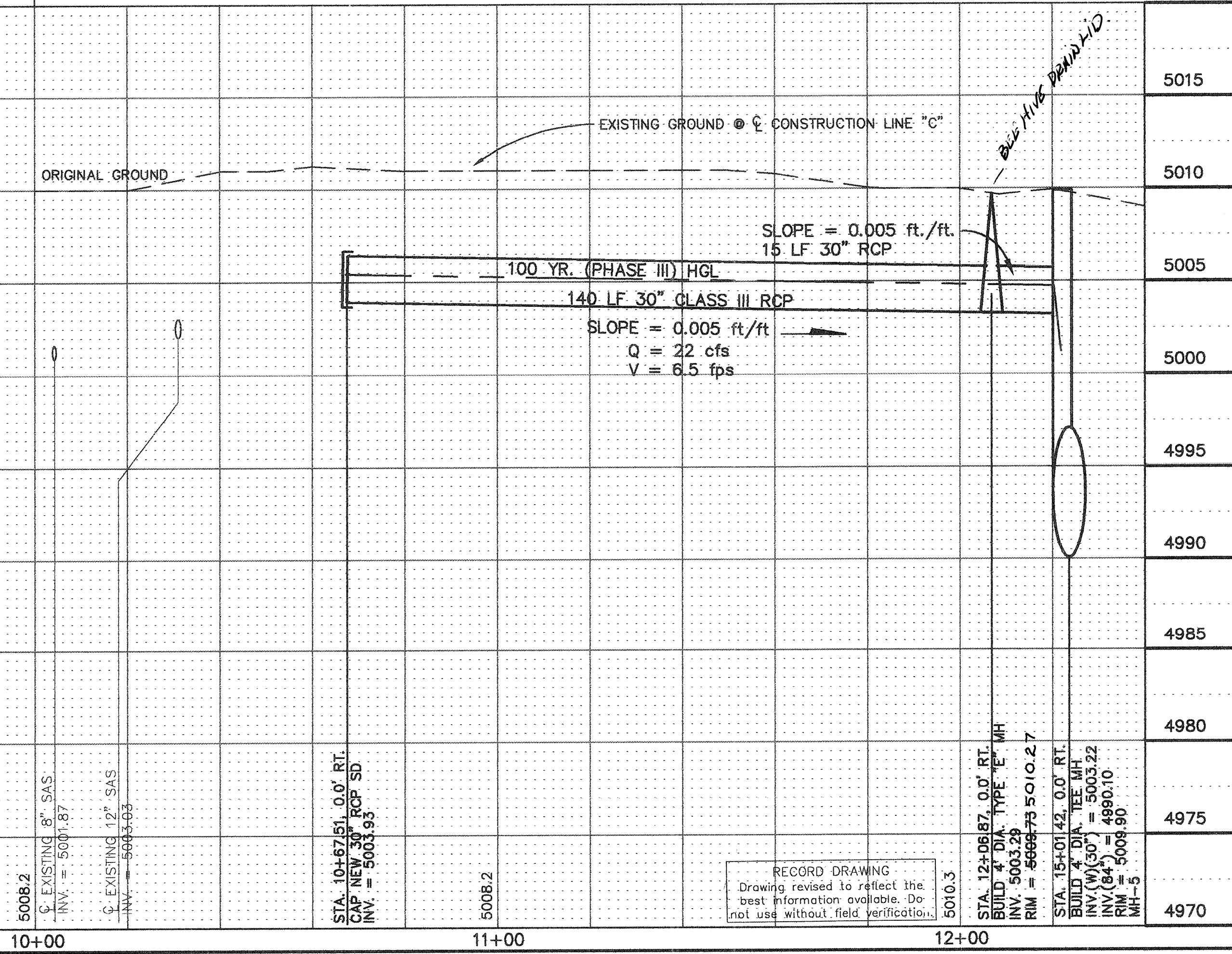
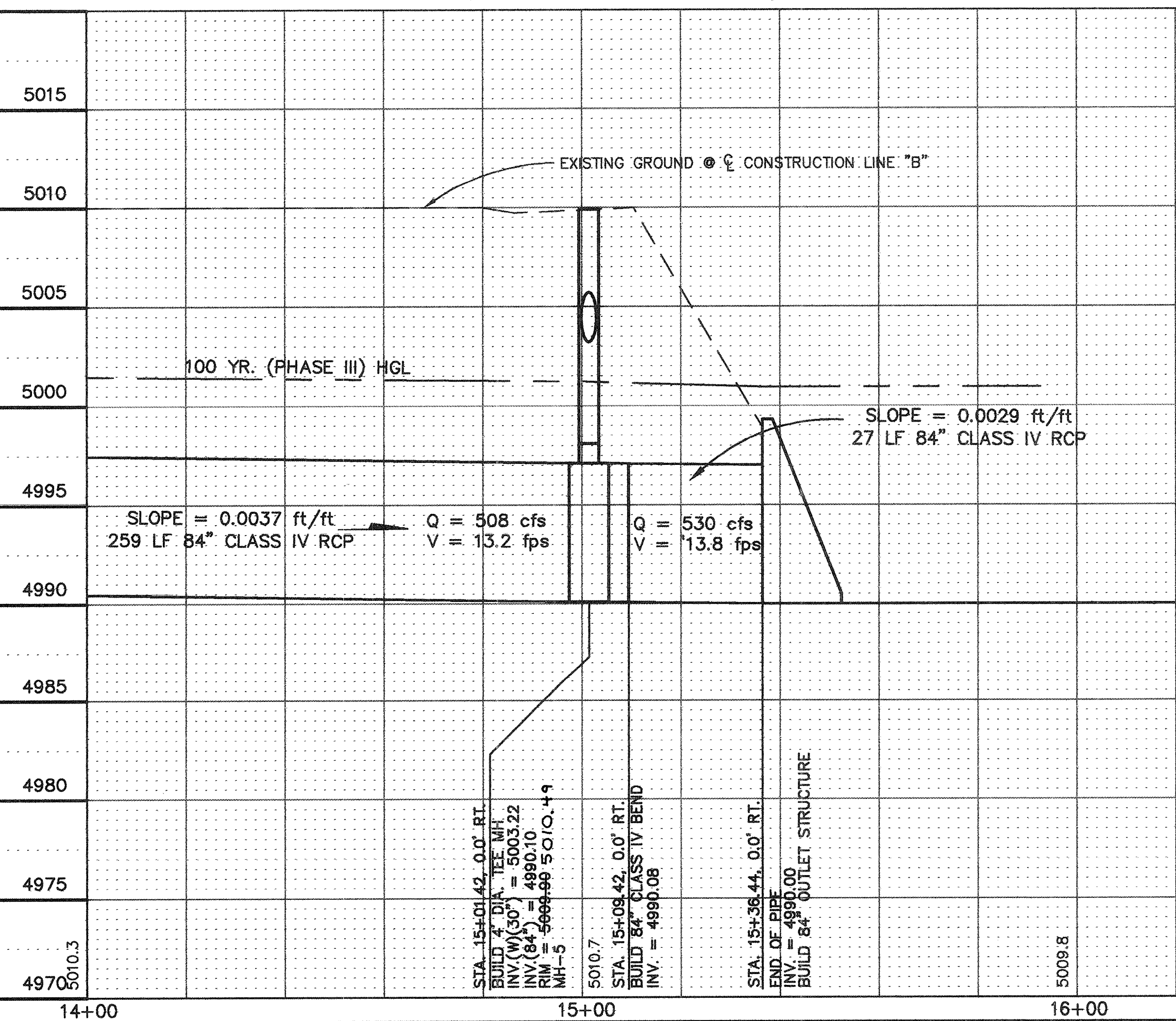


CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING DEVELOPMENT GROUP	
TITLE: GONZALES POND IMPROVEMENTS CHURCHILL ALLEY - STA. 10+00 TO 14+00	
Design Review Committee	City Engineer Approval
Last Design Update	
City Project No. 4750.91	
Zone Map No. K-11	
Sheet 24 of 37	

AS BUILT INFORMATION			
CONTRACTOR	WORK	DATE	DATE
INSPECTOR	DATE	DATE	DATE
FIELD	DATE	DATE	DATE
VERIFICATION	DATE	DATE	DATE
CORRECTED	DATE	DATE	DATE
MICRO-FILM INFORMATION			
RECORDED BY	DATE	NO.	NO.

SURVEY INFORMATION			
FIELD NOTES	DATE	DATE	DATE
NO.	BY	DATE	DATE
1	GF	10-9-95	

BENCH MARKS			
WM45-3A	CITY OF ALBUQUERQUE BENCH MARK STATION	DATE	DATE
IS A 3/4" ALUMINUM TABLET STAMPED "NM-3A, 1984"	THE STATION IS LOCATED	DATE	DATE
SET FLUSH WITH THE ROAD. THE STATION IS LOCATED	31' SOUTH OF THE INTERSECTION OF OLD COORS BLVD.	DATE	DATE
AND GONZALES ROAD ALONG THE CENTERLINE OF COORS	CORRECTED BY	DATE	DATE
X=366206.41, Y=1483333.25 ELEVATION = 5017.927	NO.	NO.	NO.



CITY OF ALBUQUERQUE				
PUBLIC WORKS DEPARTMENT				
ENGINEERING DEVELOPMENT GROUP				
TITLE: GONZALES POND IMPROVEMENTS				
CHURCHILL ALLEY STA. 14+00 TO 15+35				
CUSTER ALLEY STA. 10+00 TO 12+09				
Design Review Committee		City Engineer Approval		Mo./Day/Yr.
				Mo./Day/Yr.
				Mo./Day/Yr.
				Mo./Day/Yr.
				Mo./Day/Yr.
				Mo./Day/Yr.
City Project No.		Zone Map No.	Sheet	Of
4750.91		K-11	25	37

						ENGINEER'S SEAL		SURVEY INFORMATION		BENCH MARKS		AS BUILT INFORMATION	
								FIELD NOTES		NM45-3A, CITY OF ALBUQUERQUE BENCH MARK STATION IS A 3 1/4" ALUMINUM TABLET STAMPED "NM-3A, 1984". SET FLUSH WITH THE ROAD. THE STATION IS LOCATED 31' SOUTH OF THE INTERSECTION OF OLD COORS BLVD. AND GONZALES ROAD ALONG THE CENTERLINE OF COORS. X=366208.41, Y=1483333.28 ELEVATION = 5017.927		CONTRACTOR R.M.C.I., INC. DATE 2/97	
								NO.		BY DATE		INSPECTED BY C.O.A. # DATE 2/97	
								1		GFW		FIELD DISTANCE BY C.O.A. # DATE 2/97	
												VERIFICATION BY C.O.A. # DATE 2/97	
												CORRECTIONS BY GFW DATE 2/97	
												MICRO-FILM INFORMATION	
												RECORDED BY DATE	
												NO.	

John M. Stoum
12/14/97

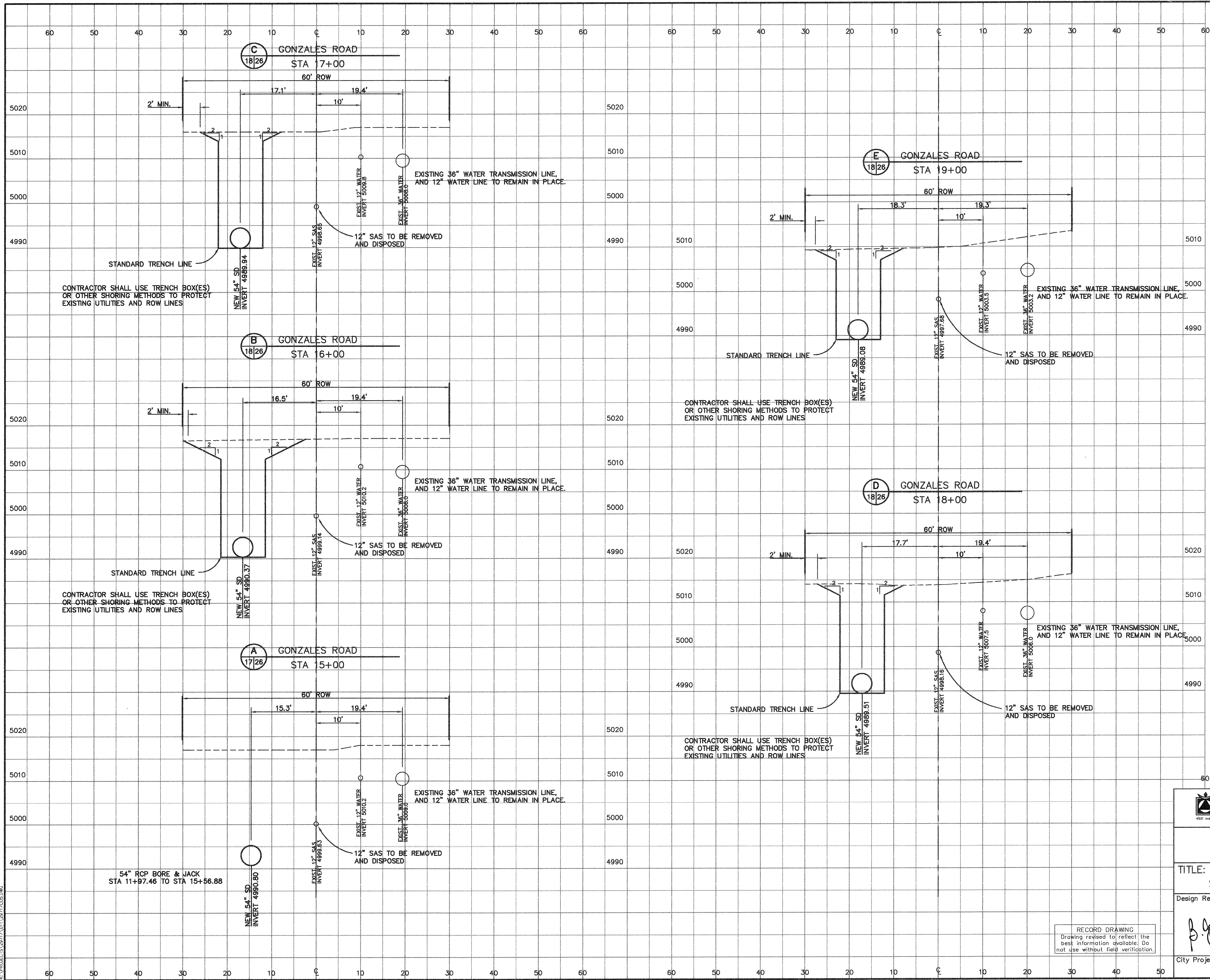
REVISIONS

NO.	DATE	REMARKS
DESIGN		
DESIGNED BY	JCM	DATE DEC. 1995
DRAWN BY	JTN	DATE DEC. 1995
CHECKED BY	JMS	DATE DEC. 1995

MOVEMENTS
 -00 TO 15+35
 +0 TO 12+09

No. _____	Sheet _____ Of _____
-----------	----------------------

DATE: 11-29-95
K:\PROJETS\2717\G11\2717035.DWG



RECORD DRAWING
Drawing revised to reflect the
best information available. Do
not use without field verification.

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
26-4750.91 2697

NOTE:
CROSS SECTIONS SHOWN AFTER
INSTALLATION OF TRENCH SUPPORT.
ACTUAL SIDE SLOPES DURING
INSTALLATION OF TRENCH SUPPORT
WILL VARY. THE CONTRACTOR IS
RESPONSIBLE FOR FIELD INSTALLATION
IN ACCORDANCE WITH THESE DRAWINGS
AND ALL APPLICABLE SAFETY
REGULATIONS.



CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP
TITLE: GONZALES POND IMPROVEMENTS
STREET CROSS SECTIONS/TRENCH DETAILS

Design Review Committee City Engineer Approval

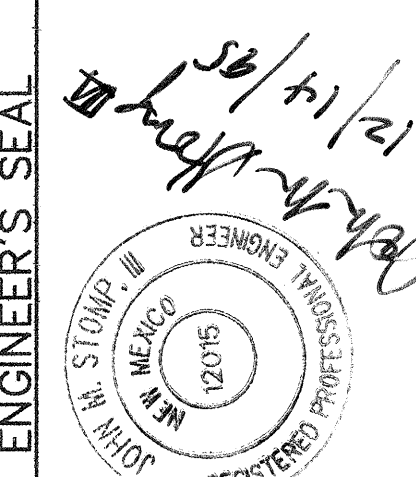
Mo./Day/Yr. Mo./Day/Yr.
Last Design Update

City Project No. 4750.91 Zone Map No. K-11 Sheet 26 Of 37

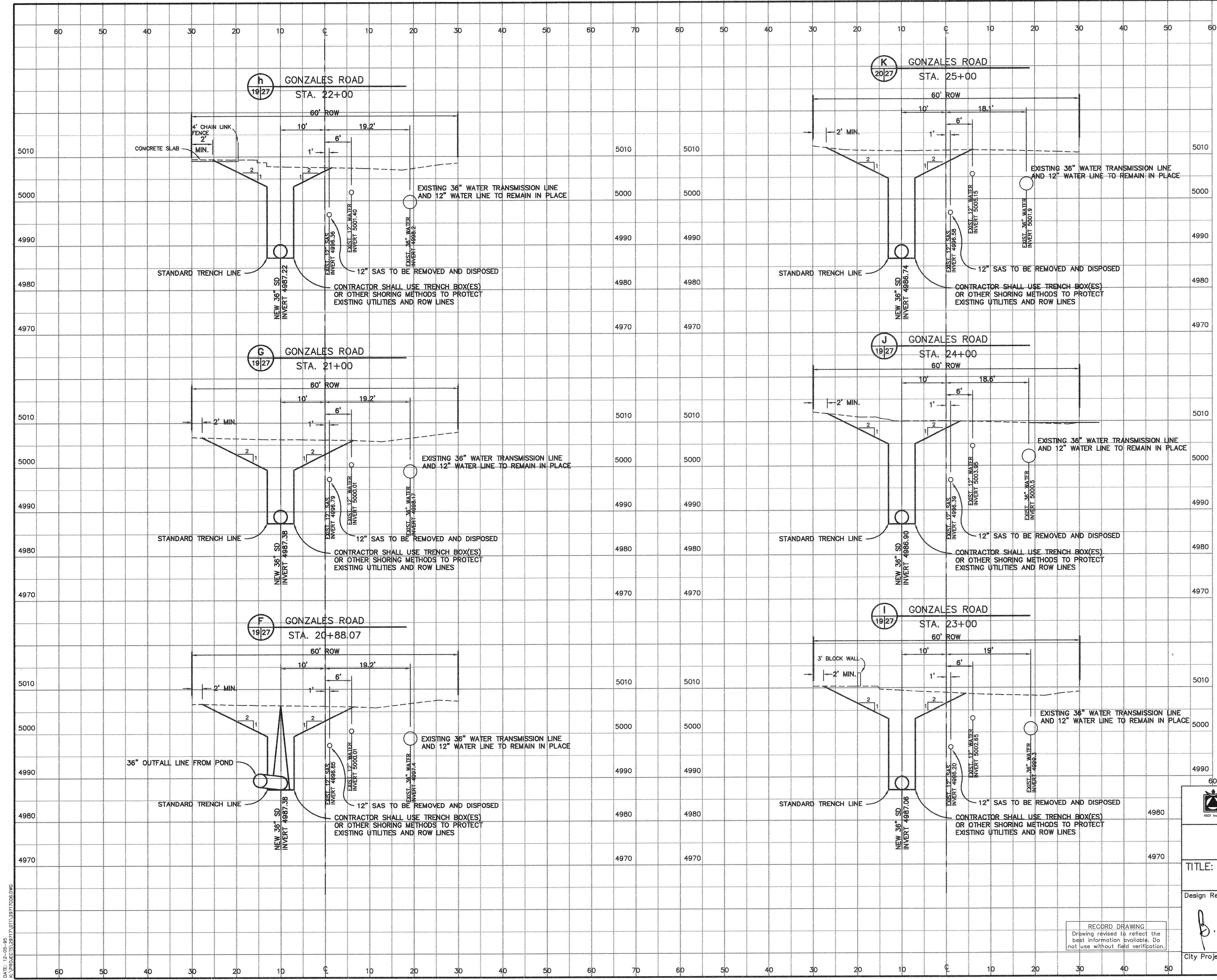
AS BUILT INFORMATION			
CONTRACTOR	R.M.C.I., INC.	DATE	2/97
INSPECTOR'S	R.M.C.I., INC.	DATE	2/97
FIELD ENGINEER	C.O.A. JAD	DATE	2/97
VERIFICATION BY	C.O.A. JAD	DATE	2/97
CORRECTED BY	GFW	DATE	2/97
MICRO-FILM INFORMATION			
RECORDED BY		DATE	
NO.			

BENCH MARKS			
NM45-3A, CITY OF ALBUQUERQUE BENCH MARK STATION	IS A 3/4" ALUMINUM TABLET STAMPED "NM-3A, 1984".	DATE	10-9-95
SET FLUSH WITH THE ROAD. THE STATION IS LOCATED	31' SOUTH OF THE INTERSECTION OF OLD COORS BLVD.	BY	GFW
AND GONZALES ROAD ALONG THE CENTERLINE OF COORS.	X=366206.41, Y=1483333.25 ELEVATION = 5017.927		

SURVEY INFORMATION			
FIELD NOTES	NO.	BY	DATE
1	GFW		10-9-95



ENGINEER'S SEAL			
AS-BUILT REVISIONS, SEE SHEET 7 FOR REVISED MH LOCATIONS.	GFW	BY	DATE
SEE PLAN AND PROFILES FOR REVISED MH VERTICAL INFORMATION.			
NO. DATE	REMARKS	DESIGN	
2/97			
DESIGNED BY	JCM	DATE	DEC. 1995
DRAWN BY	SJM	DATE	DEC. 1995
CHECKED BY	JMS	DATE	DEC. 1995



NOTE:
CROSS SECTIONS SHOWN AFTER
INSTALLATION OF TRENCH SUPPORT.
ACTUAL SIDE SLOPES DURING
INSTALLATION OF TRENCH SUPPORT
WILL VARY. THE CONTRACTOR IS
RESPONSIBLE FOR FIELD INSTALLATION
IN ACCORDANCE WITH THESE DRAWINGS
AND ALL APPLICABLE SAFETY
REGULATIONS.

20-4750-191 2797



CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE: **GONZALES POND IMPROVEMENTS
STREET CROSS SECTIONS/TRENCH DETAILS**

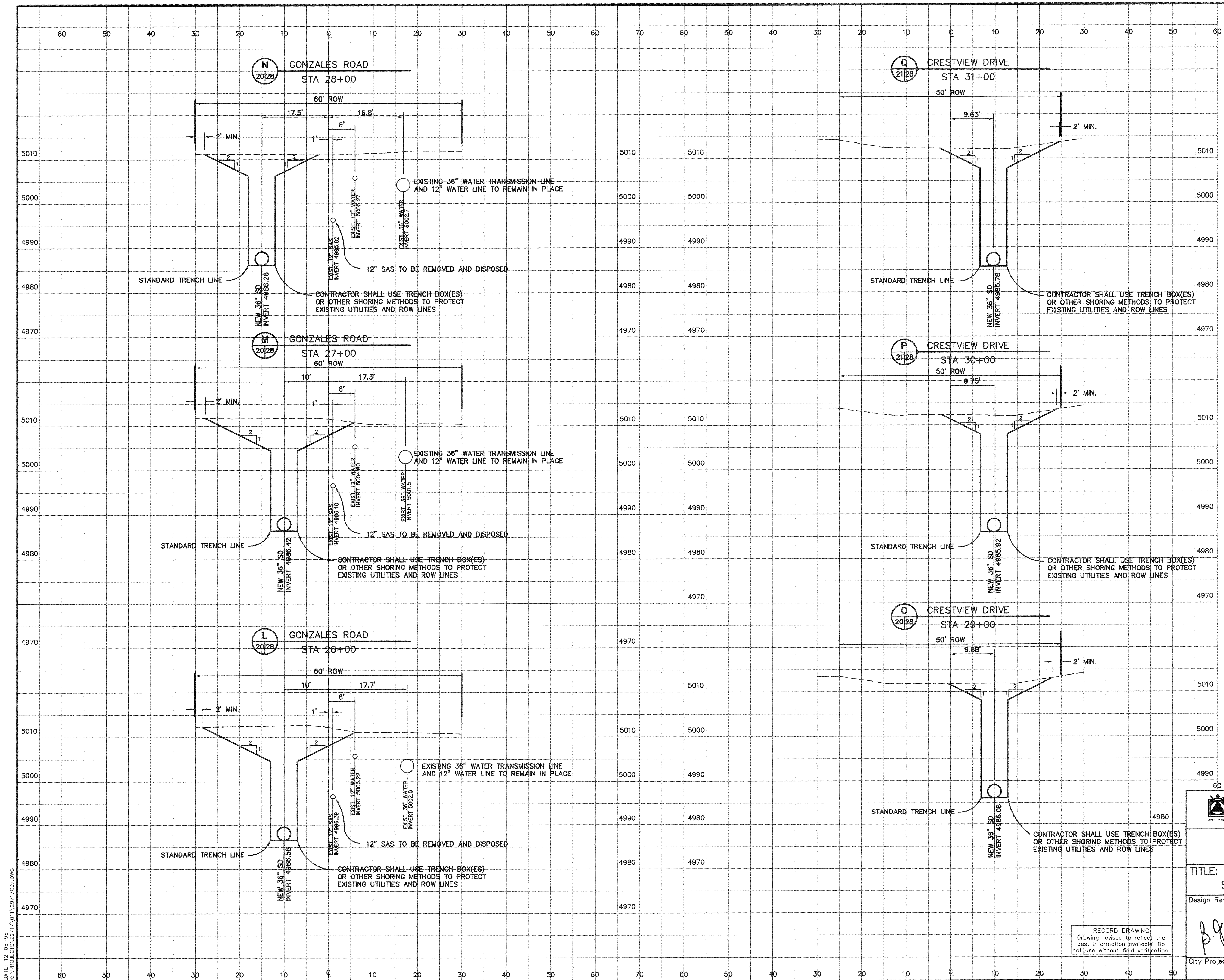
Design Review Committee City Engineer Approval

P. G. S.
1/4/96

City Project No. **4750.91** Zone Map No. **K-11** Sheet **27** Of **37**

AS BUILT INFORMATION				BENCH MARKS				SURVEY INFORMATION				ENGINEER'S SEAL				REVISIONS			
CONTRACTOR	R.M.C.I., INC.	DATE	2/97	CONTRACTOR	CONTRACTOR	DATE	2/97	NO.	1	BY	GFW	NO.	1	BY	GFW	NO.	1	BY	GFW
WORK	STAMPED BY	DATE	2/97	WORK	STAMPED BY	DATE	2/97	NO.	1	BY	GFW	NO.	1	BY	GFW	NO.	1	BY	GFW
INSPECTOR	INSPECTOR	DATE	2/97	INSPECTOR	INSPECTOR	DATE	2/97	NO.	1	BY	GFW	NO.	1	BY	GFW	NO.	1	BY	GFW
FIELD	FIELD	DATE	2/97	FIELD	FIELD	DATE	2/97	NO.	1	BY	GFW	NO.	1	BY	GFW	NO.	1	BY	GFW
VERIFICATION BY	VERIFICATION BY	DATE	2/97	VERIFICATION BY	VERIFICATION BY	DATE	2/97	NO.	1	BY	GFW	NO.	1	BY	GFW	NO.	1	BY	GFW
CORRECTED BY	CORRECTED BY	DATE	2/97	CORRECTED BY	CORRECTED BY	DATE	2/97	NO.	1	BY	GFW	NO.	1	BY	GFW	NO.	1	BY	GFW
MICRO-FILM INFORMATION				MICRO-FILM INFORMATION				MICRO-FILM INFORMATION				MICRO-FILM INFORMATION				MICRO-FILM INFORMATION			
RECORDED BY	RECORDED BY	DATE		RECORDED BY	RECORDED BY	DATE		RECORDED BY	RECORDED BY	DATE		RECORDED BY	RECORDED BY	DATE		RECORDED BY	RECORDED BY	DATE	
NO.	NO.	DATE		NO.	NO.	DATE		NO.	NO.	DATE		NO.	NO.	DATE		NO.	NO.	DATE	

DATE: 12-05-95
K:\PROJECTS\29717\01\29717007.DWG



1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
26-19750.9/1 2897

NOTE:
CROSS SECTIONS SHOWN AFTER
INSTALLATION OF TRENCH SUPPORT.
ACTUAL SIDE SLOPES DURING
INSTALLATION OF TRENCH SUPPORT
WILL VARY. THE CONTRACTOR IS
RESPONSIBLE FOR FIELD INSTALLATION
IN ACCORDANCE WITH THESE DRAWINGS
AND ALL APPLICABLE SAFETY
REGULATIONS.



CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING DEVELOPMENT GROUP	
TITLE: GONZALES POND IMPROVEMENTS STREET CROSS SECTIONS/TRENCH DETAILS	
Design Review Committee	City Engineer Approval
City Project No. 4750.91	
Zone Map No. K-11	
Sheet 28 of 37	

AS BUILT INFORMATION			
CONTRACTOR	R.M.C.I., INC.	DATE	2/97
WORK	AS BUILT	DATE	2/97
INSPECTOR'S	R.M.C.I., INC.	DATE	2/97
FIELD	C.O.A.	DATE	2/97
VERIFICATION BY	C.O.A.	DATE	2/97
CORRECTED BY	GFW	DATE	2/97
MICRO-FILM INFORMATION			
RECORDED BY		DATE	
NO.			

BENCH MARKS			
NM45-3A, CITY OF ALBUQUERQUE BENCH MARK STATION	IS A 3/4" ALUMINUM TABLET STAMPED "NM-3A, 1984"	DATE	10-9-95
SET FLUSH WITH THE ROAD. THE STATION IS LOCATED	31' SOUTH OF THE INTERSECTION OF OLD COORS BLVD.	BY	GFW
AND GONZALES ROAD ALONG THE CENTERLINE OF COORS.	X=366206.41, Y=1483333.25 ELEVATION = 5017.927		

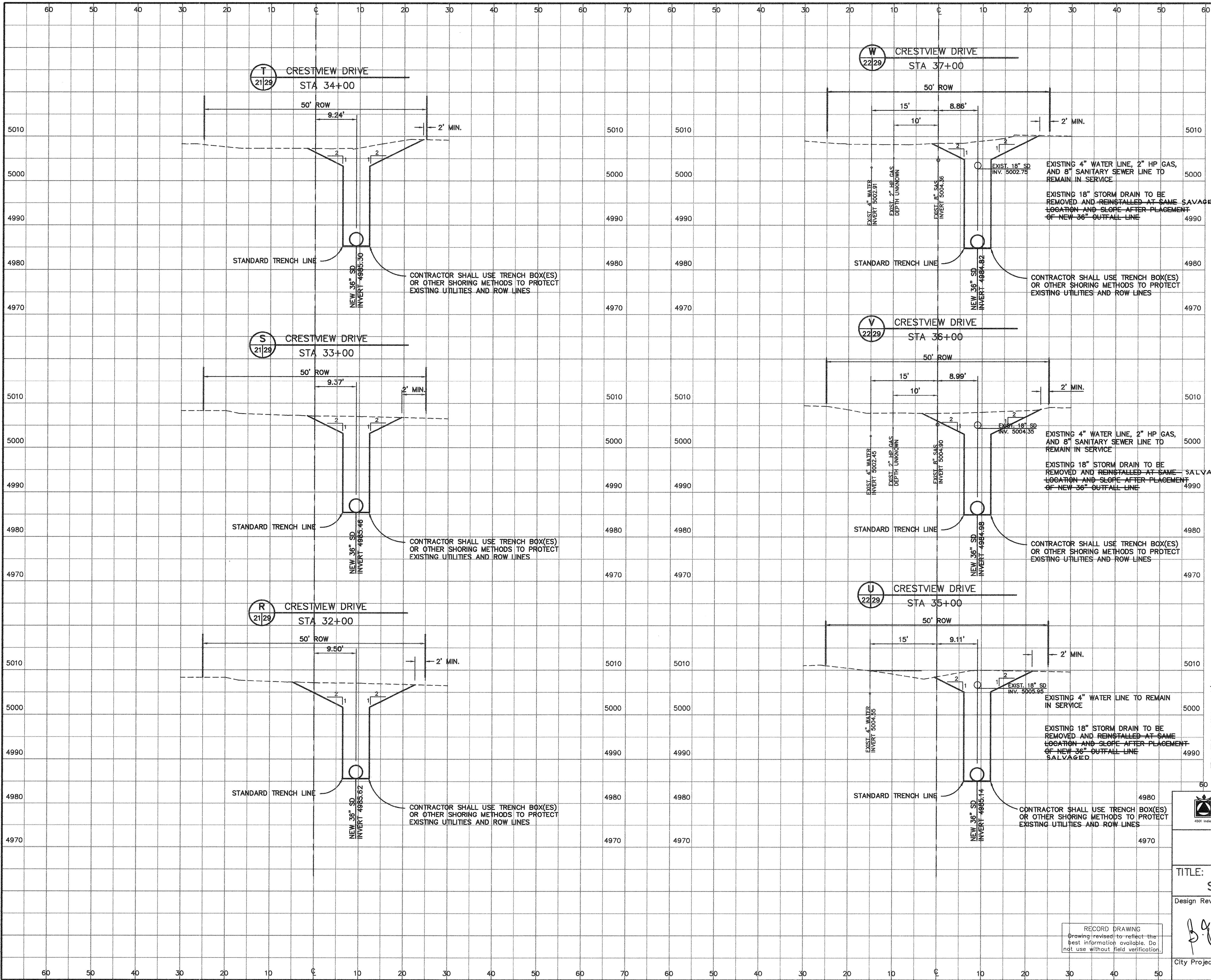
SURVEY INFORMATION			
NO.	1	BY	GFW
DATE	10-9-95		

ENGINEER'S SEAL			
NEW MEXICO	REGISTERED PROFESSIONAL ENGINEER	DATE	12/1/97

REVISIONS			
NO.	DATE	REMARKS	BY
1	12/1/97	DESIGN	JCM
2	12/1/97	DESIGN	JTN
3	12/1/97	DESIGN	JMS

DESIGNED BY	JCM	DATE	DEC. 1995
DRAWN BY	JTN	DATE	DEC. 1995
CHECKED BY	JMS	DATE	DEC. 1995

DATE: 12-05-95
K:\PROJECTS\2977\01\2977C08.DWG



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20-0750-91 2997

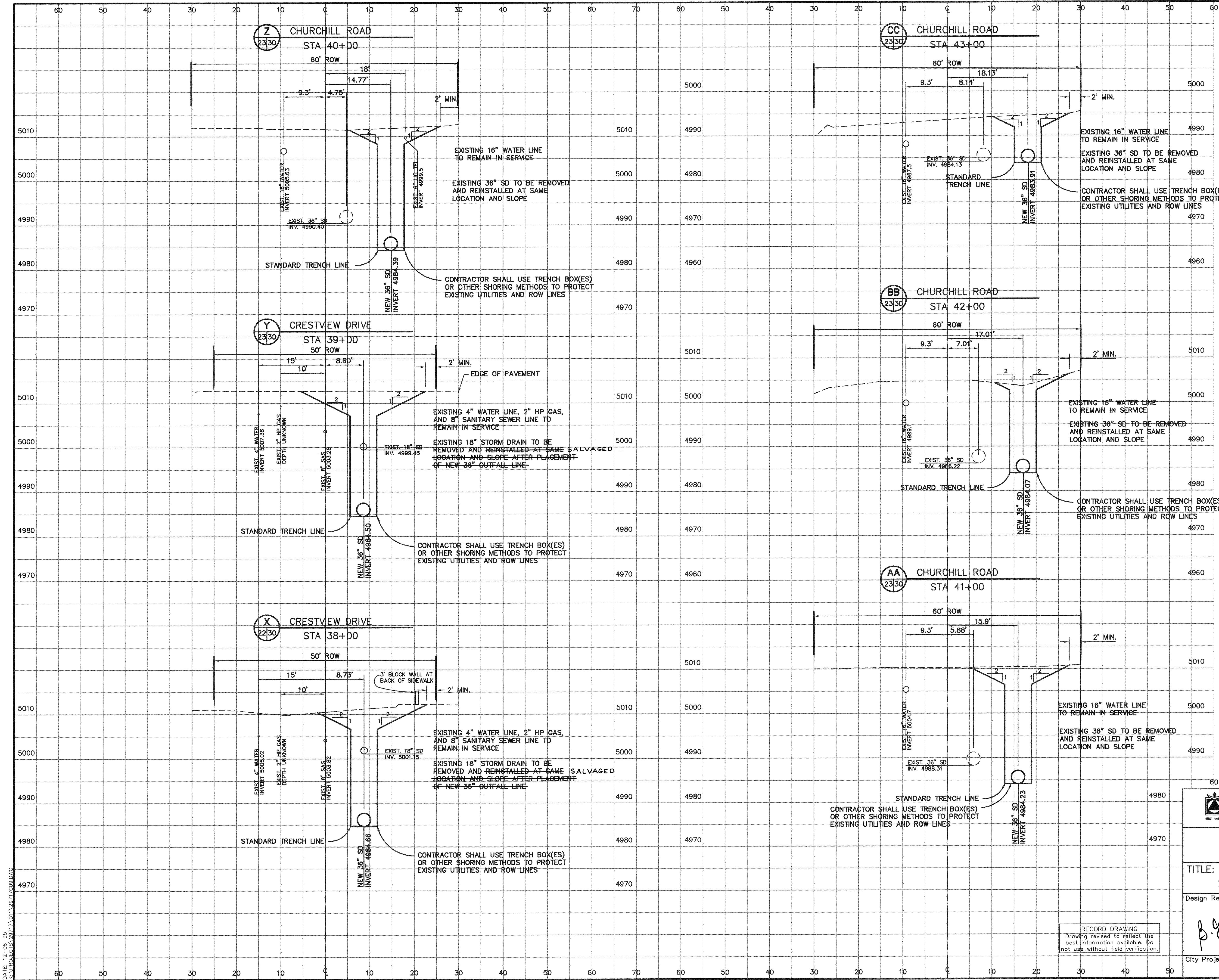
NOTE:
CROSS SECTIONS SHOWN AFTER
INSTALLATION OF TRENCH SUPPORT.
ACTUAL SIDE SLOPES DURING
INSTALLATION OF TRENCH SUPPORT
WILL VARY. THE CONTRACTOR IS
RESPONSIBLE FOR FIELD INSTALLATION
IN ACCORDANCE WITH THESE DRAWINGS
AND ALL APPLICABLE SAFETY
REGULATIONS.



CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING DEVELOPMENT GROUP	
TITLE: GONZALES POND IMPROVEMENTS STREET CROSS SECTIONS/TRENCH DETAILS	
Design Review Committee	City Engineer Approval
City Project No. 4750.91	Zone Map No. K-11
Sheet 29	Of 37

ENGINEER'S SEAL		SURVEY INFORMATION		AS BUILT INFORMATION	
		FIELD NOTES		CONTRACTOR	
		NO. 1	DATE 10-9-95	R.M.C.I., INC.	
REVISIONS		BY GFW		DATE 2/97	
DESIGN		BY GFW		DATE 2/97	
DATE DEC. 1995		DATE DEC. 1995		DATE 2/97	
DRAWN BY JTN		DRAWN BY GFW		DATE 2/97	
CHECKED BY JWS		CHECKED BY GFW		DATE 2/97	

DATE: 12-08-95
PROJECT: 2217.011-19817028.DWG



1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
20-97570.91 3097

NOTE:
CROSS SECTIONS SHOWN AFTER
INSTALLATION OF TRENCH SUPPORT.
ACTUAL SIDE SLOPES DURING
INSTALLATION OF TRENCH SUPPORT
WILL VARY. THE CONTRACTOR IS
RESPONSIBLE FOR FIELD INSTALLATION
IN ACCORDANCE WITH THESE DRAWINGS
AND ALL APPLICABLE SAFETY
REGULATIONS.



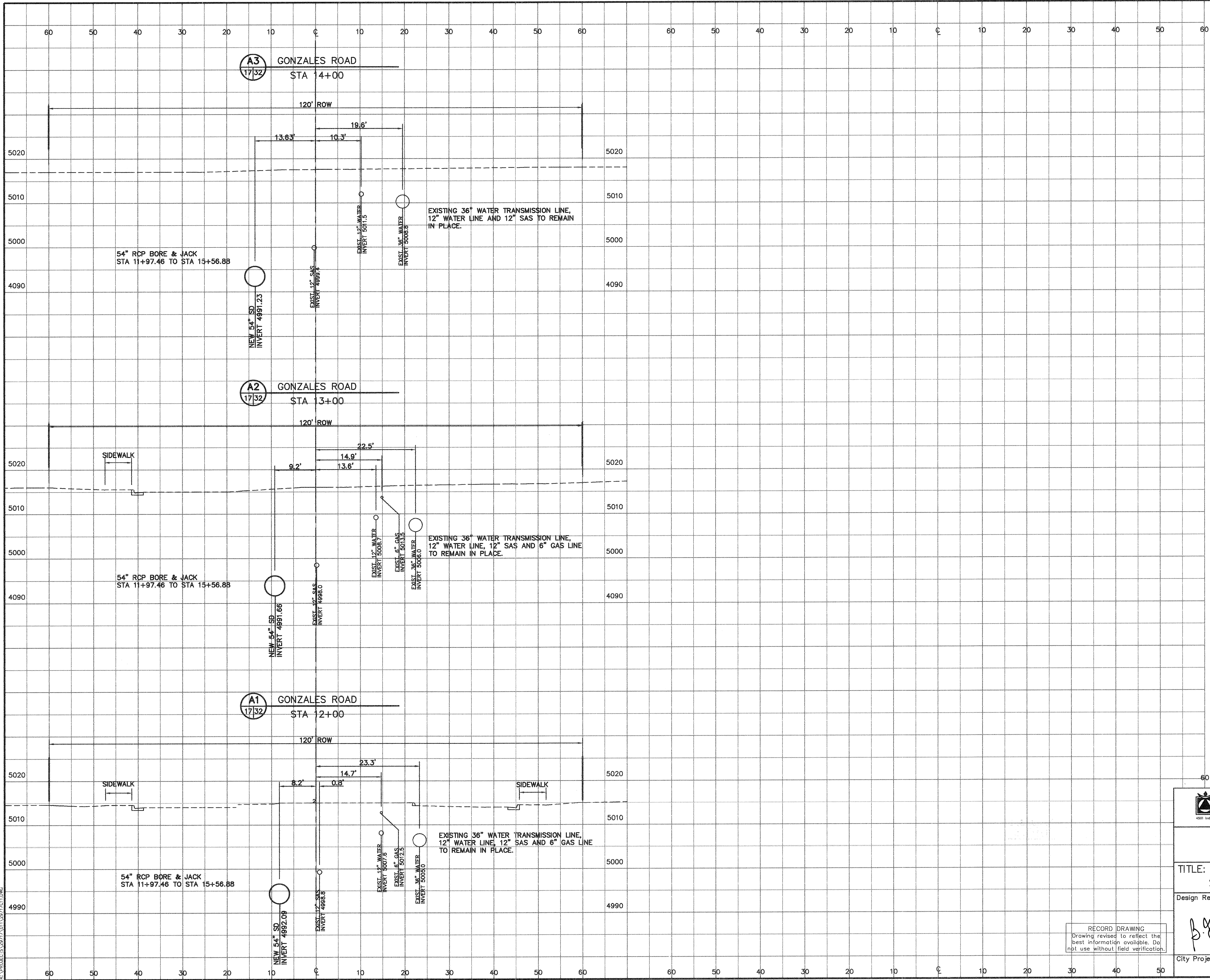
CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP
TITLE: GONZALES POND IMPROVEMENTS
STREET CROSS SECTIONS/TRENCH DETAILS

Design Review Committee City Engineer Approval

City Project No. 4750.91 Zone Map No. K-11 Sheet 30 Of 37

						ENGINEER'S SEAL		SURVEY INFORMATION		BENCH MARKS		AS BUILT INFORMATION	
													
								FIELD NOTES					
								NO.		BY		DATE	
								1		GFW		10-9-95	
												NM45-3A, CITY OF ALBUQUERQUE BENCH MARK STATION IS A 3/4" ALUMINUM TABLET STAMPED "NM-3A, 1984", SET FLUSH WITH THE ROAD. THE STATION IS LOCATED 31' SOUTH OF THE INTERSECTION OF OLD COORS BLVD. AND GONZALES ROAD ALONG THE CENTERLINE OF COORS. X=366206.41, Y=1483333.25 ELEVATION = 5017.927	

DATE: 12-05-95
K:\PROJETS\2717\G1\2717C1.DWG



1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
20-14750, 19/1 3297

NOTE:
CROSS SECTIONS SHOWN AFTER
INSTALLATION OF TRENCH SUPPORT.
ACTUAL SIDE SLOPES DURING
INSTALLATION OF TRENCH SUPPORT
WILL VARY. THE CONTRACTOR IS
RESPONSIBLE FOR FIELD INSTALLATION
IN ACCORDANCE WITH THESE DRAWINGS
AND ALL APPLICABLE SAFETY
REGULATIONS.

RECORD DRAWING
Drawing revised to reflect the
best information available. Do
not use without field verification.



CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE: GONZALES POND IMPROVEMENTS
STREET CROSS SECTIONS/TRENCH DETAILS

Design Review Committee City Engineer Approval

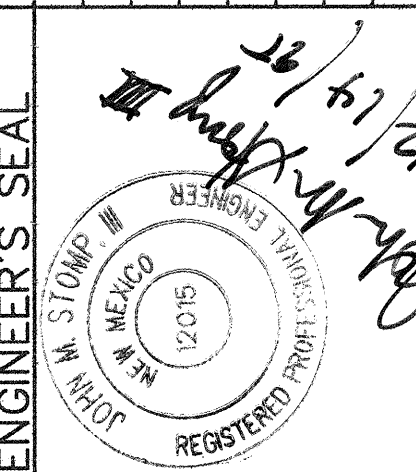
Mo./Day/Yr. Mo./Day/Yr.
B.G.B. 1/4/96

City Project No. 4750.91 Zone Map No. K-11 Sheet 32 Of 37

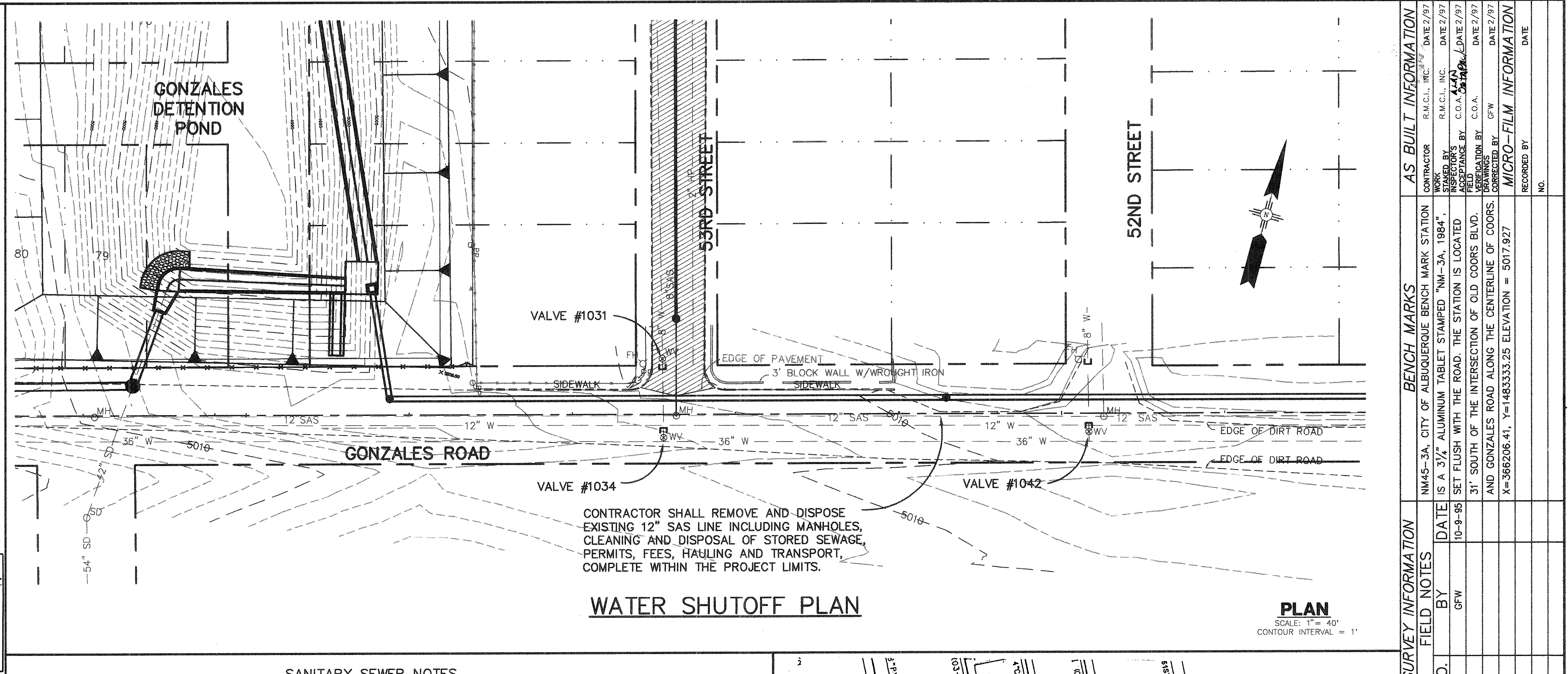
AS BUILT INFORMATION			
CONTRACTOR	R.M.C.I., INC.	DATE	2/97
INSPECTOR'S	R.M.C.I., INC.	DATE	2/97
FIELD	C.O.A.	DATE	2/97
VERIFICATION BY	C.O.A.	DATE	2/97
CORRECTED BY	GFW	DATE	2/97
MICRO-FILM INFORMATION			
RECORDED BY		DATE	
NO.			

BENCH MARKS			
NM45-3A, CITY OF ALBUQUERQUE BENCH MARK STATION IS A 3/4" ALUMINUM TABLET STAMPED "NM-3A, 1984". SET FLUSH WITH THE ROAD. THE STATION IS LOCATED 31' SOUTH OF THE INTERSECTION OF OLD COORS BLVD. AND GONZALES ROAD ALONG THE CENTERLINE OF COORS. X=366206.41, Y=1483333.25 ELEVATION = 5017.927			

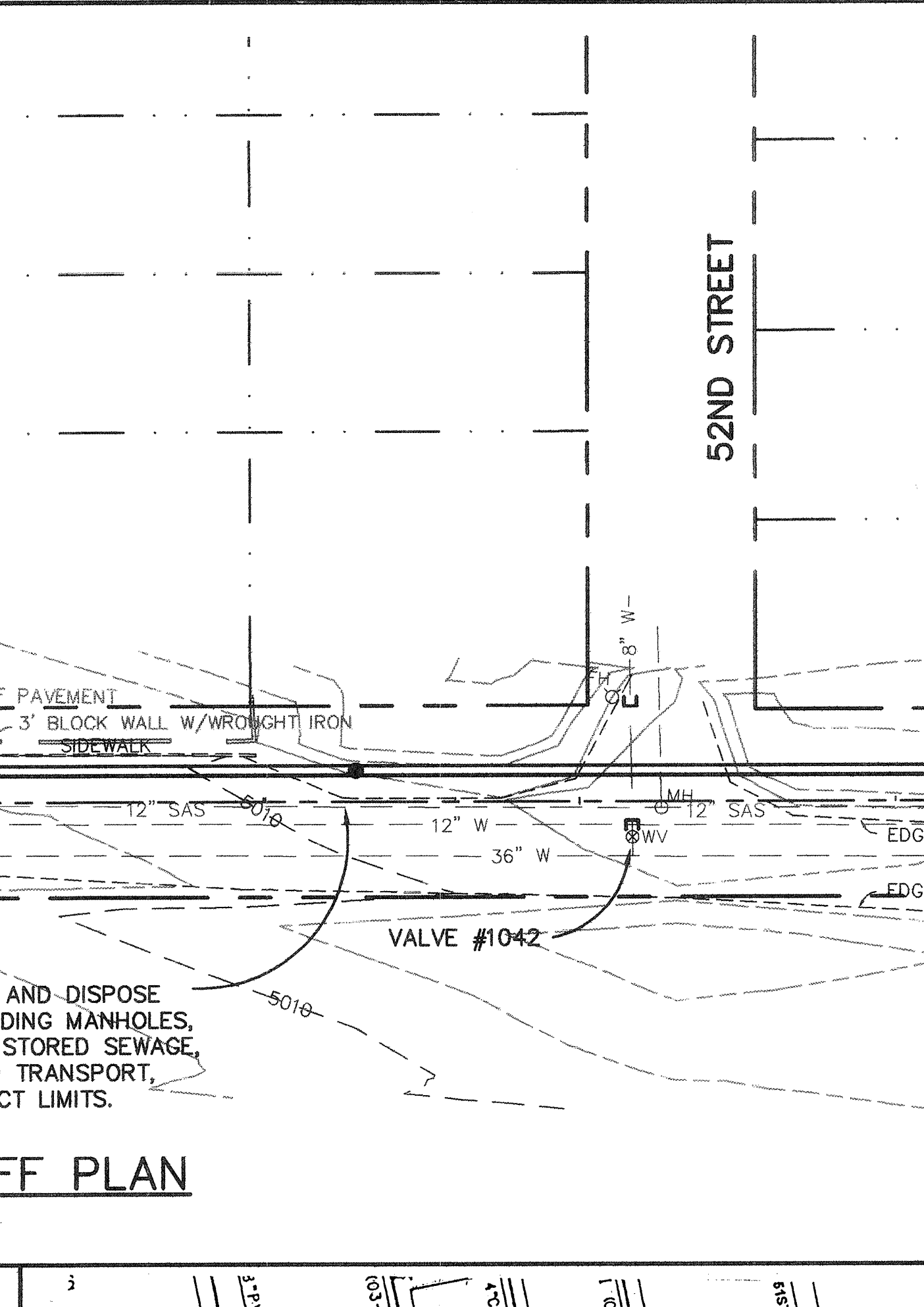
SURVEY INFORMATION			
FIELD NOTES		DATE	BY
NO.	1	10-9-95	GFW



ENGINEER'S SEAL		REVISIONS	BY
AS-BUILT REVISIONS, SEE SHEET 7 FOR REVISED MH LOCATIONS. SEE PLAN AND PROFILES FOR REVISED MH VERTICAL INFORMATION.	GFW	NO. DATE	DESIGN
DESIGNED BY	JCM	DATE	DEC. 1995
DRAWN BY	JTN	DATE	DEC. 1995
CHECKED BY	JWS	DATE	DEC. 1995



-
- GONZALES DETENTION POND**
- GONZALES ROAD**
- 53RD STREET**
- VALVE #1031**
- VALVE #1034**
- SIDWALK**
- CONTRACTOR SHALL CLEAN AND DISPOSE OF ALL EXISTING 12" SAS LINE PERMITS, FEES, HAUL COMPLETE WITHIN THE**
- WATER SH**



-
- This is a technical sanitary sewer map. At the top left, a large area is labeled "GONZALES DETENTION POND" with a hatched pattern. Below this, a sewer line runs horizontally, featuring a manhole and a valve labeled "VALVE #1031". To the right of the valve is a "SIDEWALK" and another valve labeled "VALVE #1032". The map shows "GONZALES ROAD" at the bottom, with a "12' SAS" (Sanitary Sewer) line and a "12' W" (Water) line. A "36' W" (Water) line is also indicated. The map includes various contour lines and a north arrow pointing towards the top right. The title "SANITARY SEWER MAP" is at the bottom center.

53RD STREET

EDGE OF PAVEMENT

3' BLOCK WALL W/WROUGHT IRON

SIDWALK

12" SAS

36" WV

VALVE #1042

50'0"

12" W

36" W

53RD STREET

SEWER SHUTOFF PLAN

FOR THE REMOVAL AND DISPOSAL OF STORED SEWAGE, FEES, HAULING AND TRANSPORT, WITHIN THE PROJECT LIMITS.

CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING DEVELOPMENT GROUP	
TITLE: GONZALES POND IMPROVEMENTS SANITARY SEWER IMPROVEMENT PLAN/WATER SHUTOFF PLAN	
Design Review Committee	City Engineer Approval
City Project No. 4750.91	
Zone Map No. K-11	
Sheet 33 Of 37	

CONTRACTOR R.M.C.L., INC. DATE 2/97		AS BUILT INFORMATION	
INSPECTOR'S R.M.C.L., INC. DATE 2/97		BENCH MARKS	
ASSISTANCE BY C.O.A. DATE 2/97		SURVEY INFORMATION	
VERIFICATION BY C.O.A. DATE 2/97		FIELD NOTES	
DRAWINGS BY GFW		ENGINEER'S SEAL	
CHECKED BY GFW		NO. 1	
DATE 2/97		BY GFW	
MICRO-FILM INFORMATION		DATE 10-9-95	
RECORDED BY		GFW	
DATE		10-9-95	
NO.		1	
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		10-9-95	
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		10-9-95	
		GFW	
		10-9-95	
		GFW	
		10-9-95	
		GFW	
		10-9-95	

CONSTRUCTION TRAFFIC CONTROL GENERAL NOTES

1. CONTRACTOR MUST OBTAIN FROM CONSTRUCTION COORDINATION AN EXCAVATION/BARRICADING PERMIT BEFORE ENGAGING IN ANY CONSTRUCTION, MAINTENANCE OR REPAIR WORK IN ANY OF THE CITY OF ALBUQUERQUE'S RIGHTS-OF-WAY. EMERGENCY WORK THAT WOULD PRESERVE LIFE OR PROPERTY IS EXCLUDED WITH THE UNDERSTANDING, THAT A PERMIT SHALL BE OBTAINED WITHIN 24 TO 48 HOURS.

2. CONTRACTOR SHALL AT THE TIME OF PERMIT REQUEST, SUBMIT FOR APPROVAL BY CONSTRUCTION COORDINATION, A TRAFFIC CONTROL PLAN DETAILING ALL EXISTING TOPOGRAPHY SUCH AS LANE WIDTHS, DRIVEWAYS, AND BUSINESS/RESIDENTIAL ACCESSES. THE TRAFFIC CONTROL PLAN SHALL INCLUDE ALL PHASES OF WORK AND SCHEDULES INVOLVED IN THE CONSTRUCTION PROJECT. ANY SEPARATE PHASES OF A CONSTRUCTION PROJECT SHALL BE GIVEN AN INDIVIDUAL PERMIT EACH. BLANKET PERMITS WILL NOT BE ISSUED.

3. THESE TYPICAL TRAFFIC CONTROL PLANS DO NOT REFLECT THE EXISTING TOPOGRAPHY SUCH AS DRIVEWAYS, LANE WIDTHS, AND BUSINESS/RESIDENTIAL ACCESSES. EVERY LOCATION THAT REQUIRES CONSTRUCTION TRAFFIC CONTROL SHALL HAVE A DETAILED TRAFFIC CONTROL PLAN SHOWING ALL EXISTING TOPOGRAPHY.

4. CONSTRUCTION SHALL NOT BEGIN UNLESS A TRAFFIC CONTROL PLAN HAS BEEN APPROVED AND VERIFIED BY CONSTRUCTION COORDINATION.

5. CONSTRUCTION COORDINATION SHALL BE NOTIFIED 48 HOURS PRIOR TO ANY TRAFFIC CONTROL CHANGES NEEDED BY CONTRACTOR, THAT WERE NOT PREVIOUSLY APPROVED. THESE TRAFFIC CONTROL CHANGES SHALL BE REQUESTED IN WRITING ACCOMPANIED WITH A TRAFFIC CONTROL PLAN REFLECTING SUCH CHANGES.

6. ALL CONSTRUCTION TRAFFIC CONTROL DEVICES SHALL COMPLY TO THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), LATEST EDITION. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO INSTALL, SERVICE AND MAINTAIN ALL TRAFFIC CONTROL DEVICES. TRAFFIC CONTROL DEVICES SHALL NOT BE REMOVED OR ALTERED IN ANY WAY WITHOUT THE APPROVAL OF CONSTRUCTION COORDINATION, PER SECTION 6A-4 OF THE MUTCD, LATEST EDITION.

7. THE CONSTRUCTION TRAFFIC CONTROL INITIAL SET-UP SHALL BE BY AN AMERICAN TRAFFIC SAFETY SERVICES ASSOCIATION (ATSSA) CERTIFIED WORKSITE TRAFFIC SUPERVISOR. THE MAINTENANCE AND SERVICING SHALL ALSO BE DONE BY AN ATSSA CERTIFIED WORKSITE TRAFFIC SUPERVISOR OR EQUIVALENT.

8. CONTRACTOR IS RESPONSIBLE TO MAINTAIN AND SERVICE ALL TRAFFIC CONTROL DEVICES 24 HOURS A DAY, 7 DAYS A WEEK THROUGHOUT LENGTH OF PROJECT. CONTRACTOR IS RESPONSIBLE THAT ALL TRAFFIC CONTROL DEVICES COMPLY WITH THE MUTCD, LATEST EDITION.

9. ALL ADVANCE WARNING SIGNS SHALL BE DOUBLE INDICATED WHENEVER THERE ARE MULTI-LANE TRAFFIC IN ANY ONE GIVEN DIRECTION AND THERE IS SUFFICIENT MEDIAN SPACE.

10. ALL BARRICADES IN ALL TAPERS AND TANGENTS SHALL BE PLACED APART, A DISTANCE MEASURED IN FEET, EQUAL TO THAT OF THE POSTED SPEED LIMIT. NO EXCEPTIONS UNLESS APPROVED BY CONSTRUCTION COORDINATION PER MUTCD SECTION 6A-4.

11. CONTRACTOR SHALL NOT BEGIN WORK BEFORE 8:30 A.M. OR END WORK AFTER 4:00 P.M. WITHOUT THE APPROVAL OF CONSTRUCTION COORDINATION.

12. CONTRACTOR IS RESPONSIBLE TO PROVIDE CONSTRUCTION COORDINATION, A WEEKLY LOG OF DAILY INSPECTIONS OF BARRICADE AND MAINTENANCE SCHEDULES ON PROJECTS THAT ARE OVER ONE WEEK DURATION.

13. EQUIPMENT OR MATERIALS SHALL NOT BE STORED WITHIN 15 FEET OF A TRAVELLED TRAFFIC LANE DURING NON-WORKING HOURS WITHOUT THE APPROVAL OF CONSTRUCTION COORDINATION.

14. CONTRACTOR SHALL PROVIDE AND MAINTAIN A SAFE AND ADEQUATE MEANS OF CHANNELLING PEDESTRIAN TRAFFIC AROUND AND THROUGH THE CONSTRUCTION AREA.

15. CONTRACTOR IS RESPONSIBLE FOR OBLITERATION OF ANY CONFLICTING STRIPING AND RESPONSIBLE FOR ALL TEMPORARY STRIPING.

16. CONTRACTOR SHALL MAINTAIN ACCESS TO ALL FACILITIES, BUSINESSES AND/OR RESIDENTS AT ALL TIMES.

17. CONTRACTOR SHALL PROVIDE ACCESS SIGNS FOR BUSINESSES LOCATED WITHIN THE CONSTRUCTION AREA UNDER THE SUPERVISION OF CONSTRUCTION COORDINATION. EACH ACCESS SIGN SHALL HAVE 5 INCH, WHITE OPAQUE LETTERING ON BLUE REFLECTORIZED BACKGROUND. ACCESS SIGNS SHALL BE CONSIDERED INCIDENTAL TO THE BID AND NOT PART OF THE CONTRACT UNLESS OTHERWISE STATED. NO MORE THAN 3 BUSINESSES SHALL BE LISTED ON A ACCESS SIGN. SHOPPING CENTERS AND MALLS SHALL BE LISTED AS SUCH.

18. ALL ADVANCE WARNING SIGNS SHALL MEET THE MINIMUM REFLECTIVE INTENSITY REQUIREMENTS SET FORTH BY THE CITY OF ALBUQUERQUE. CONSTRUCTION COORDINATION SHALL DETERMINE ALL REQUIREMENTS AND APPROVE OR DISAPPROVE ANY ADVANCE WARNING SIGN PER SECTION 6A-4 OF THE MUTCD, LATEST EDITION.

19. 24 HOURS PRIOR TO OCCUPYING OR CLOSING OF A RIGHT-OF-WAY, CONTRACTOR SHALL NOTIFY: POLICE, FIRE DEPARTMENT, SCHOOLS, HOSPITALS, TRANSIT AUTHORITY, BUSINESSES AND/OR RESIDENTS THAT WILL BE AFFECTED BY THE CONSTRUCTION.

20. ANY FIELD ADJUSTMENTS SHALL BE APPROVED BY CONSTRUCTION COORDINATION.

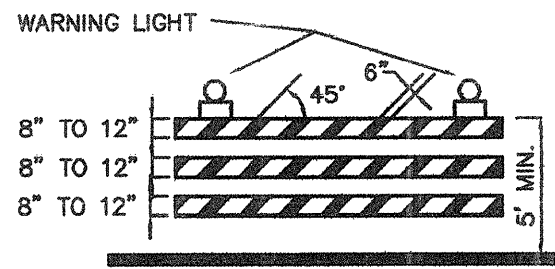
21. EXCAVATIONS SHALL BE PLATED, TEMPORARILY PATCHED OR RESURFACED PRIOR TO OPENING OF TRAFFIC. A MINIMUM OF 11 FEET SHALL BE PROVIDED FOR TRAFFIC IN ANY GIVEN DIRECTION. CONTRACTOR IS RESPONSIBLE FOR ANY WORK INVOLVED IN SATISFYING THESE REQUIREMENTS.

22. CONTRACTOR SHALL AT ALL TIMES COMPLY WITH THE FOLLOWING:
1. STANDARDS AND REQUIREMENTS SET FORTH IN THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, LATEST EDITION.
2. THE CITY OF ALBUQUERQUE TRAFFIC CODE, LATEST EDITION.
3. SECTION 19 OF THE CITY OF ALBUQUERQUE'S STANDARD SPECIFICATIONS FOR PUBLIC WORK CONSTRUCTION, AS WELL AS OTHER SECTIONS.

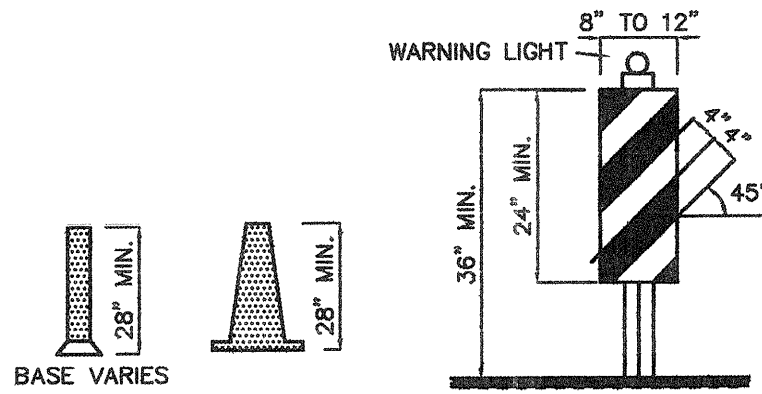
23. FAILURE TO COMPLY WITH ANY OF THE ABOVE MENTIONED, WILL BE ADEQUATE CAUSE TO CEASE ALL WORK ON ANY CONSTRUCTION PROJECT. WORK WILL NOT RESUME UNTIL ALL REQUIREMENTS ARE ADDRESSED AND APPROVED BY CONSTRUCTION COORDINATION.

24. ALL TRAFFIC CONTROL DEVICES SHALL BE KEPT IN NEW-CLEAN CONDITION. WASHING OF EQUIPMENT IS INCIDENTAL TO IT'S PLACEMENT AND MAINTENANCE.

25. TRAFFIC CONTROL STANDARDS APPLY ONLY WHERE THE CONSTRUCTION TRAFFIC CONTROL PLANS ARE NOT SPECIFIC.



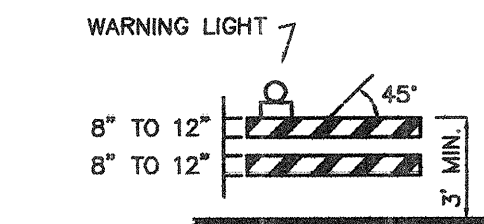
TYPE III BARRICADE



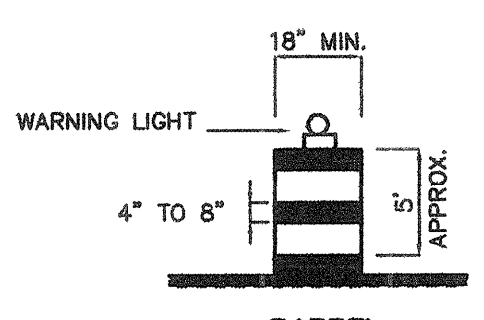
CONES

VERTICAL PANEL

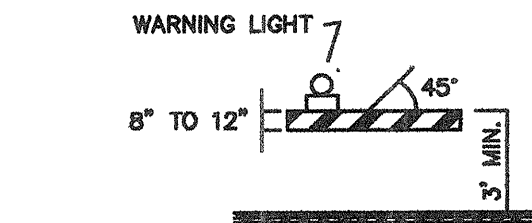
HIGH LEVEL WARNING DEVICE



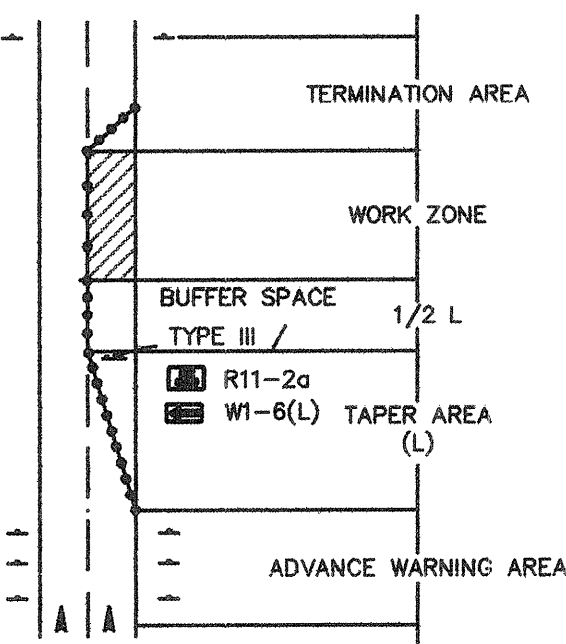
TYPE II BARRICADE COLLAPSIBLE



BARREL



TYPE I BARRICADE COLLAPSIBLE



TRAFFIC CONTROL ELEMENTS

LEGEND

- WORK AREA
- BARRICADE - TYPE I, TYPE II, OR BARREL
- BARRICADE - TYPE III
- VERTICAL PANEL
- WARNING SIGN
- DISTANCE BETWEEN SIGNS - A DISTANCE MEASURED IN FEET EQUAL TO A VALUE OF TEN TIMES THE SPEED LIMIT OF THE STREET
- FLAGMAN POSITION
- SPACING BETWEEN BARRICADES- A DISTANCE MEASURED IN FEET EQUAL TO THE SPEED LIMIT OF THE STREET
- TAPER LENGTH - SEE CHART BELOW
- THE TANGENT LENGTH IS EQUAL TO THE TAPER LENGTH FOR A GIVEN STREET.

TAPER REQUIREMENTS

SPEED LIMIT (MPH)	TAPER LENGTH (L) (FEET)			MINIMUM NUMBER OF DEVICES FOR TAPER	MAXIMUM DEVICE SPACING IN FEET(D)	
	10' LANE	11' LANE	12' LANE		ALONG TAPER	AFTER TAPER
20	70	75	80	5	20	20
25	105	115	125	6	25	25
30	150	165	180	7	30	30
35	205	225	245	8	35	35
40	270	295	320	9	40	40
45	450	495	540	13	45	45
50	500	550	600	13	50	50
55	550	605	660	13	55	55

RECOMMENDED SIGN SPACING FOR ADVANCE WARNING SIGN SERIES

SPEED LIMIT (MPH)	MINIMUM DISTANCE IN FEET FROM LAST SIGN TO TAPER	MINIMUM DISTANCE IN FEET FROM LAST SIGN TO TAPER
0-20	10 X SPEED LIMIT	10 X SPEED LIMIT
25-30	10 X SPEED LIMIT	10 X SPEED LIMIT
30-35	10 X SPEED LIMIT	10 X SPEED LIMIT
40-45	10 X SPEED LIMIT	10 X SPEED LIMIT
50-60	10 X SPEED LIMIT	10 X SPEED LIMIT

TAPER CRITERIA

TYPE OF TAPER	TAPER LENGTH
UPSTREAM TAPER:	
MERGING TAPER	L MINIMUM
SHIFTING TAPER	1/2 L MINIMUM
SHOULDER TAPER	1/2 L MINIMUM
TWO-WAY TRAFFIC TAPER	100 FEET MAXIMUM
DOWNSTREAM TAPERS	100 FEET PER LANE

TAPER LENGTH COMPUTATION

SPEED LIMIT	L = WS ² / 60
40 MPH OR LESS	
45 MPH OR GREATER	L = W x S

L = TAPER LENGTH
W = WIDTH OF OFFSET IN FEET
S = POSTED SPEED OR OFF-PEAK 85-PERCENTILE SPEED IN MPH

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
26	47	50	91	134	97									

SIGN FACE DETAILS

W1-1(R) 30 MPH or LESS, W1-1(L) 30 MPH or LESS, W1-2(R) 30 MPH or GREATER, W1-2(L) 30 MPH or GREATER, W1-3(R) 30 MPH or LESS, W1-3(L) 30 MPH or LESS, W1-4(R) 30 MPH or GREATER, W1-4(L) 30 MPH or GREATER, W1-6(R), W1-6(L), W3-1

W4-2(R), W4-2(L), W6-3, W8-1, W8-3, W8-3A, W8-7, W13-1, W12-1, W8-9a, W14-2, W3-1A

W20-1, W20-2, W20-3, W20-4, W20-5(R), W20-5(L), W20-5(2R), W20-5(2L), W20-5(C), W20-7, W20-7a

R1-1, R1-2, R2-1, R2-5a, R2-5b, R3-1, R3-2, R3-3, R3-7(R), R3-7(L), R4-7b, R4-7b(L)

R5-1, R5-1a, R6-1(R), R6-1(L), R7-1, R11-2, R11-2a, R11-4, M4-8a, M4-9(R), M4-9(L), M4-9

SPECIAL SIGN 10, SPECIAL SIGN 20, SPECIAL SIGN 30, ACCESS TO

ALL CONSTRUCTION WARNING SIGNS SHALL HAVE A BLACK LEGEND ON A ORANGE BACKGROUND.

ALL ADVANCE WARNING SIGNS SHALL BE A MINIMUM OF FORTY EIGHT (48) INCHES BY FORTY EIGHT (48) INCHES IN SIZE AND SHALL HAVE ONE WARNING LIGHT.

RECORD DRAWING
Drawing revised to reflect the best information available. Do not use without field verification.

AS BUILT INFORMATION

CONTRACTOR: NM45-3A, CITY OF ALBUQUERQUE BENCH MARK STATION

DATE: 2/97

INSPECTOR'S SIGNATURE: [Signature]

DATE: 2/97

FIELD ENGINEER'S SIGNATURE: [Signature]

DATE: 2/97

VERIFICATION BY: C.O.A.

DATE: 2/97

RECORDED BY: C.O.A.

DATE: 2/97

NO. 1

DATE 1/14/12

REVISIONS

DESIGNED BY: C.O.A. STANDARDS

DRAWN BY: [Signature]

CHECKED BY: [Signature]

CITY OF ALBUQUERQUE

PUBLIC WORKS DEPARTMENT

ENGINEERING DEVELOPMENT GROUP

TITLE: GONZALES POND IMPROVEMENTS

SIGNING AND CONSTRUCTION TRAFFIC CONTROL STANDARDS

Design Review Committee: [Signature]

City Engineer Approval: [Signature]

City Project No. 4750.91

Zone Map No. K-11

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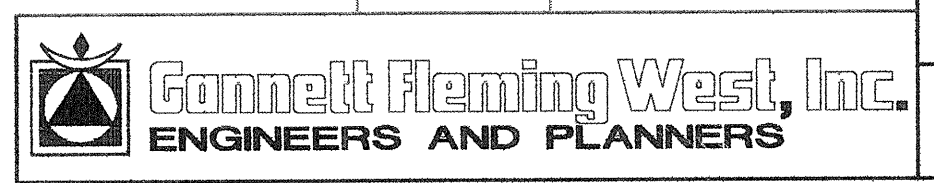
DATE: 12/11/95
FILE NAME: K:\PROJECTS\28717\G1\28717104

- Phase and Work Description Summary**
- Phase I - Gonzales Road**
Consists of all work to be completed within Gonzales Road, Sta 11+97 to Sta 15+55, Construction Line "A"
 - Phase II - Gonzales Road**
Consists of all work to be completed within Gonzales Road, Sta 15+55 to Sta 28+50, Construction Line "A", including SAS improvements at 53rd Street
 - Phase III - Crestview Drive**
Consists of all work to be completed within Crestview Drive, Sta 28+50 to Sta 39+23, Construction Line "A"
 - Phase IV - Churchill Road**
Consists of all work to be completed within Churchill Road, Sta 10+00 to Sta 10+25, Construction Line "B"

NOTE:
THE CONTRACTOR SHALL PROVIDE AS MANY TYPE III BARRICADES AT ALL ROAD CLOSINGS TO COMPLETELY CLOSE OFF TRAFFIC. A MINIMUM OF ONE (1) TYPE III BARRICADE FOR EVERY EIGHT (8) FT IN ROADWAY WIDTH SHALL BE PROVIDED.

PHASE I CONSTRUCTION TRAFFIC CONTROL PLAN

RECORD DRAWING
Drawing revised to reflect the best information available. Do not use without field verification.



CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE: **GONZALES POND IMPROVEMENTS
CONSTRUCTION PHASE I
TRAFFIC CONTROL**

Design Review Committee City Engineer Approval

Design Review Committee City Engineer Approval
B. F. B.
1/4/96

City Project No. 4750.91

Zone Map No. K-11

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ENGINEER'S SEAL		SURVEY INFORMATION		BENCH MARKS		AS BUILT INFORMATION	
		NO.		FIELD NOTES		CONTRACTOR	
		BY		DATE		R.M.C.I., INC.	
ADDITION OF TRAFFIC CONTROL NOTE		JMS		WORK DONE BY SUPERVISOR		DATE 2/97	
NO. DATE		REMARKS		FIELD ACCEPTANCE BY		DATE 2/97	
REVISIONS		BY		DRAWINGS		DATE 2/97	
DESIGN				CORRECTED BY		DATE 2/97	
DESIGNED BY RDW		DATE DEC. 1995		RECORDED BY		DATE	
DRAWN BY CAS		DATE DEC. 1995		NO.			
CHECKED BY JMS		DATE DEC. 1995					
						</	

