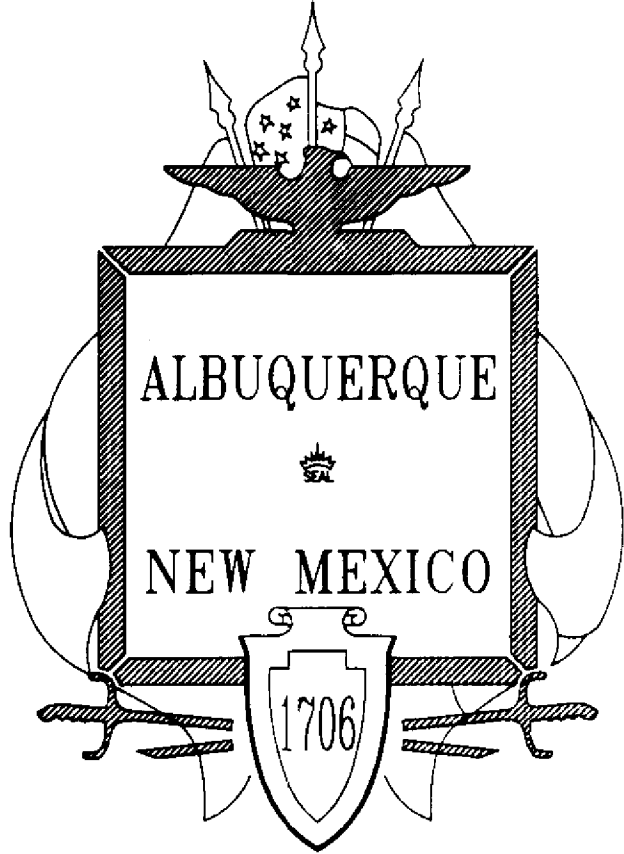


GENERAL NOTES

1. ALL WORK DETAILED ON THIS PROJECT SHALL BE PERFORMED IN ACCORDANCE WITH CURRENT "CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION", 1986 INCLUDING UPDATE NO. 5 AND ADDITIONS IN THE SUPPLEMENTAL SPECIFICATIONS IN THE CONTRACT DOCUMENTS.
2. ALL WORK ON THIS PROJECT SHALL BE PERFORMED IN ACCORDANCE WITH APPLICABLE FEDERAL, STATE, AND LOCAL LAWS, RULES, AND REGULATIONS CONCERNING CONSTRUCTION SAFETY AND HEALTH.
3. ALL EXISTING UTILITIES SHOWN HERE WERE OBTAINED AS ACCURATELY AS POSSIBLE FROM RECORD DRAWINGS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PROTECT, MAINTAIN IN SERVICE, AND VERIFY EXACT LOCATIONS OF ALL AFFECTED UTILITIES DURING CONSTRUCTION OF THIS PROJECT.
4. THE CONTRACTOR SHALL NOTIFY ALL UTILITY COMPANIES WHEN WORKING NEAR THEIR SYSTEMS. TWO DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT NEW MEXICO ONE-CALL SYSTEM (260-1990) FOR LOCATION OF EXISTING UTILITIES.
5. THE CONTRACTOR SHALL CONFINE HIS WORK TO WITHIN THE CONSTRUCTION LIMITS AND/OR RIGHTS-OF-WAY TO PRESERVE EXISTING VEGETATION AND PRIVATE PROPERTY. OVERNIGHT PARKING OF CONTRACTOR'S EQUIPMENT SHALL NOT OBSTRUCT ACCESS ROADS OR DESIGNATED TRAFFIC LANES.
6. ACCESS TO ADJACENT BUSINESS AND RESIDENCES SHALL BE KEPT OPEN AT ALL TIMES. TEMPORARY ACCESS CLOSURES, IF REQUIRED, SHALL BE SCHEDULED AT LEAST TWENTY-FOUR (24) HOURS IN ADVANCE WITH PROPERTY OWNER AND APPROVED BY THE PROJECT MANAGER.
7. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL OBSTRUCTIONS. SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE PROJECT MANAGER SO THAT THE CONFLICT CAN BE RESOLVED WITH MINIMUM AMOUNT OF DELAY.
8. CONTRACTOR IS RESPONSIBLE FOR SUPPORTING ANY EXISTING UTILITIES EXPOSED DURING REQUIRED EXCAVATIONS.
9. CONTRACTOR SHALL NOTIFY THE ENGINEER NOT LESS THAN SEVEN (7) DAYS PRIOR TO STARTING WORK IN ORDER THAT THE ENGINEER MAY TAKE NECESSARY MEASURES TO INSURE THE PRESERVATION OF SURVEY MONUMENTS. CONTRACTOR SHALL NOT DISTURB PERMANENT SURVEY MONUMENTS WITHOUT THE CONSENT OF THE ENGINEER AND SHALL NOTIFY THE ENGINEER AND BEAR THE EXPENSE OF REPLACING ANY THAT MAY BE DISTURBED WITHOUT PERMISSION. REPLACEMENT SHALL BE DONE ONLY BY THE CITY SURVEY DEPARTMENT. WHEN A CHANGE IS MADE IN THE FINISHED ELEVATION OF THE PAVEMENT OF ANY ROADWAY IN WHICH A PERMANENT SURVEY MONUMENT IS LOCATED, CONTRACTOR SHALL, AT HIS OWN EXPENSE, ADJUST THE MONUMENT COVER TO THE NEW GRADE UNLESS OTHERWISE SPECIFIED. REFER TO SECTION 4.4 OF THE GENERAL CONDITIONS OF THE STANDARD SPECIFICATIONS.
10. WHEN MATCHING NEW PAVING TO EXISTING PAVEMENT, THE CONTRACTOR SHALL SAW CUT THE EXISTING PAVING ON A RIGHT ANGLE OR AS DIRECTED BY THE PROJECT MANAGER TO REMOVE ANY BROKEN, RAVELED, OR CRACKED PAVING. THE COST OF THIS WORK SHALL BE CONSIDERED INCIDENTAL TO CONSTRUCTION.
11. ALL STREET STRIPING ALTERED OR DESTROYED SHALL BE REPLACED IN KIND BY CONTRACTOR. REPLACEMENT SHALL BE OF THE SAME QUALITY MATERIAL AND IN THE SAME LOCATION AS EXISTING OR AS INDICATED BY THIS PLAN SET.
12. CURB AND GUTTER SHOWN AS EXISTING AND NOT TO BE REMOVED UNDER THIS CONTRACT, WHICH IS DAMAGED OR DISPLACED BY THE CONTRACTOR OR HIS SUBCONTRACTORS, SHALL BE REPLACED BY THE CONTRACTOR AT HIS EXPENSE.
13. ALL UTILITIES AND UTILITY SERVICE LINES SHALL BE INSTALLED PRIOR TO PAVING.
14. TACK COAT REQUIREMENTS SHALL BE DETERMINED BY THE CITY ENGINEER.
15. WATER SHUT-OFF PLANS ARE FOR CITY USE ONLY. CONTRACTOR IS REQUIRED TO NOTIFY WATER SYSTEMS THREE (3) WORKING DAYS PRIOR TO ANY REQUIRED OPERATIONS (857-8200). WATER DISTRIBUTION SYSTEM SHUT-OFFS AND TURN-ONS SHALL BE AS PER SECTION 18.3 OF THE GENERAL CONDITIONS.
16. REMOVALS SHALL BE DISPOSED OF OFF-SITE AND SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
17. THE CONTRACTOR SHALL DISPOSE OF ALL UNSUITABLE MATERIAL IN AN ENVIRONMENTALLY ACCEPTABLE MANNER AT A LOCATION ACCEPTABLE TO THE PROJECT MANAGER. THERE WILL BE NO DIRECT COMPENSATION FOR THIS WORK.
18. CONTRACTOR SHALL PROVIDE A TEMPORARY STORM DRAINAGE SYSTEM (SUBJECT TO APPROVAL BY THE CITY HYDROLOGY DIVISION AND THE CITY CONSTRUCTION PROJECT MANAGER) FOR ALL WORK ON THIS PROJECT. THE TEMPORARY SYSTEM SHALL BE CAPABLE OF SAFELY CONVEYING EXISTING RUNOFF ACROSS THE PROJECT AND DISCHARGING INTO THE EXISTING DRAINAGE SYSTEM.
19. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING A TOP SOIL DISTURBANCE PERMIT PRIOR TO ISSUANCE OF A NOTICE TO PROCEED, AS PER REGULATION NO. 8 OF THE ALBUQUERQUE - BERNALILLO COUNTY AIR QUALITY CONTROL BOARD FOR AIRBORNE PARTICULATE MATTER - ORDINANCE 6-16 R01974, AS AMENDED. STRICT ADHERENCE TO THE ORDINANCE WILL BE REQUIRED. RE-SEEDING REQUIREMENTS FOR NATIVE GRASSES IN SANDY SOILS SHALL BE FOLLOWED AS PER CITY OF ALBUQUERQUE PUBLIC WORKS DEPT. SECTION 1012 - NATIVE GRASS SEEDING.
20. CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO LANDSCAPING AND IRRIGATION SYSTEMS WITHIN WORK AREA NOT COVERED IN THE PLANS.
21. ALL STORM DRAIN PIPE SHALL BE REINFORCED CONCRETE PIPE UNLESS OTHERWISE NOTED.
22. THREE (3) WORKING DAYS PRIOR TO BEGINNING CONSTRUCTION, THE CONTRACTOR SHALL SUBMIT A DETAILED CONSTRUCTION SCHEDULE TO THE CITY CONSTRUCTION COORDINATION DIVISION. TWO (2) DAYS PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL OBTAIN A BARRICADE PERMIT FROM THE CONSTRUCTION COORDINATION DIVISION. CONTRACTOR SHALL NOTIFY BARRICADE ENGINEER (768-2551) PRIOR TO OCCUPYING AN INTERSECTION. REFER TO SECTION 19 OF SPECIFICATIONS.

AMOLE DEL NORTE
STORM DIVERSION FACILITIES
TIERRA BAYITA DRAINAGE FACILITIES
FOR
CITY OF ALBUQUERQUE - PUBLIC WORKS DEPARTMENT

PHASE IIIC



CITY OF ALBUQUERQUE, NEW MEXICO

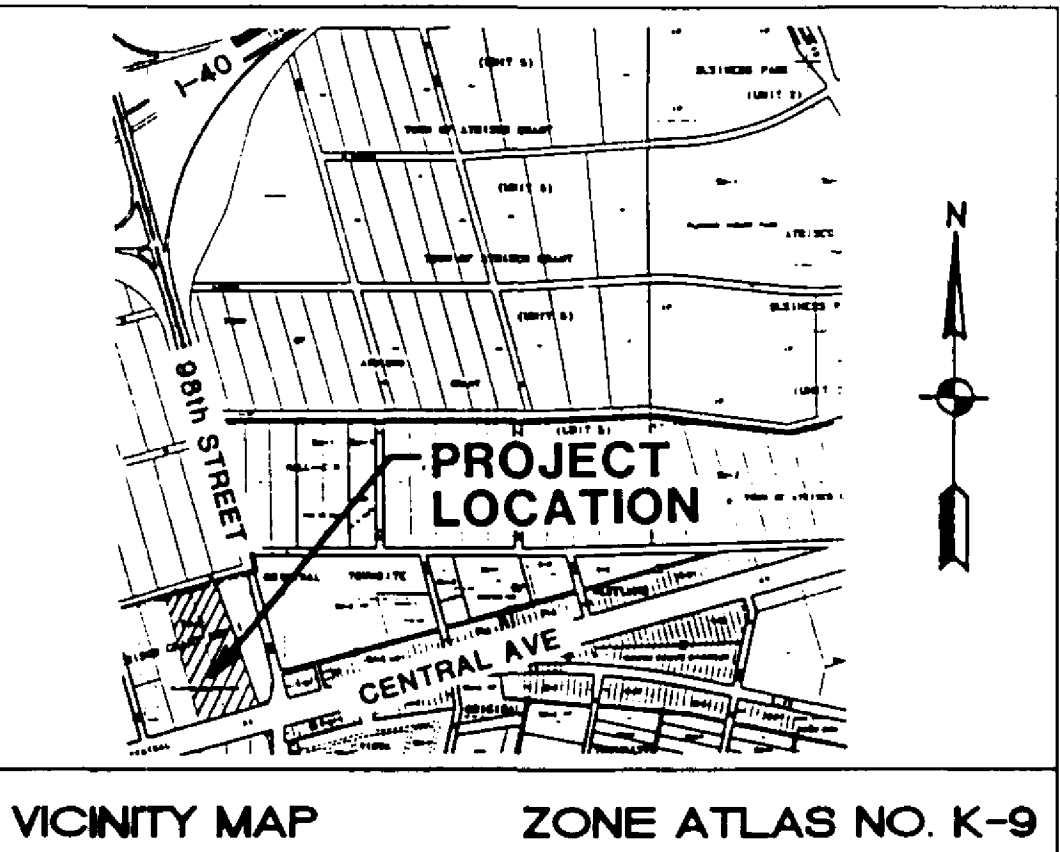
JUNE 1995

INDEX TO DRAWINGS

NO.	DESCRIPTION
1	TITLE SHEET
2	SHEET LAYOUT & LEGEND
3	DRAINAGE BASIN MAP - EXISTING
4	DRAINAGE BASIN MAP - ULTIMATE
5	NORTH AND SOUTH POND - EXISTING HYDROLOGY INFORMATION
6	NORTH POND - ULTIMATE DEVELOPMENT HYDROLOGY INFORMATION
7	SOUTH POND - ULTIMATE DEVELOPMENT HYDROLOGY INFORMATION
8	POND SYSTEM PLAN
9	98TH ST. STA. 3+85 TO STA. 13+66 STORM DRAIN
10	MISCELLANEOUS PROFILES & SECTIONS I
11	MISCELLANEOUS PROFILES & SECTIONS II
12	SOUTH POND OUTLET DETAILS
13	TRAFFIC CONTROL & MISCELLANEOUS DETAILS
14 & 15	TRAFFIC CONTROL PLANS

RECORD DRAWINGS
THESE DRAWINGS HAVE BEEN REVISED TO REFLECT AS CONSTRUCTED CONDITIONS FOR STORM DIVERSION FACILITIES IN ACCORDANCE WITH INFORMATION FURNISHED BY THE CONTRACTOR (CHAVA TRUCKING) AND THE CITY OF ALBUQUERQUE WHICH IS PERFORMED ON-SITE INSPECTION AND SURVEY DURING CONSTRUCTION.

11-15-97



MAP
of the
AMOLE DEL NORTE PHASE IIIC DETENTION DAMS

CITY OF ALBUQUERQUE, APPLICANT, LOCATED IN BERNALILLO COUNTY, STATE OF NEW MEXICO.

SCALE OF MAP, 1 IN. = 50 FEET.
THE UNDERSIGNED, CITY OF ALBUQUERQUE, CLAIMANT, WHOSE POST OFFICE ADDRESS IS: P.O. BOX 1293, CITY OF ALBUQUERQUE, COUNTY OF BERNALILLO, STATE OF NEW MEXICO, HAS CAUSED TO BE LOCATED BY A QUALIFIED REGISTERED PROFESSIONAL ENGINEER THE AMOLE DEL NORTE PHASE IIIC DETENTION DAMS AS HEREINAFTER DESCRIBED AND INDICATED, HEREBY MAKES THESE SEVERAL STATEMENTS RELATIVE THERETO AND OFFERS THESE MAPS AND STATEMENTS FOR ACCEPTANCE AND FILING IN COMPLIANCE WITH THE LAWS OF THE STATE OF NEW MEXICO.

THE HEADWALL OF THE OUTLET PIPE IS LOCATED IN TOWNSHIP 10N, RANGE 2E, N.M.P.M., AT A POINT WHOSE MODIFIED STATE PLANE COORDINATE NM CENTRAL ZONE IS STATE PLANE GEODETIC COORDINATES ARE N = 1,482,131.628 S = 352,466.031

AMOLE DEL NORTE PHASE IIIC DETENTION DAMS HAVE THE FOLLOWING PROPERTIES:

	NORTH POND	SOUTH POND
MAXIMUM HEIGHT ABOVE FOUNDATION	9 FT	7.5 FT
MAXIMUM LENGTH	460 FT	632 FT
MAXIMUM WIDTH AT BASE	137 FT	55 FT
CREST WIDTH	18 FT	10 FT
SLOPE OF UPSTREAM FACE	3H:1V	3H:1V
SLOPE OF DOWNSTREAM FACE	3H:1V	3H:1V
ELEVATION OF SPILLWAY CREST	5223	5212
ELEVATION OF BOTTOM OF OUTLET CONDUIT AT UPSTREAM FACE OF DAM	5204.21	5201.00
WIDTH OF SPILLWAY	18 FT	10 FT
DISCHARGE CAPACITY OF SPILLWAY AT TOP OF DAM	4715 CFS	7096 CFS
OUTLET CONDUIT	30" RCP	36" RCP
	EXISTING WITH ORIFICE PLATE/ ULTIMATE WITHOUT ORIFICE PLATE	
OUTLET CONDUIT CAPACITY	70 CFS	13 CFS/ 98 CFS
EVACUATION TIME	19.3 HRS	64.4 HRS/ 19.8 HRS
DRAINAGE AREA	510.1 AC.	679.2 AC.
HAZARD CLASSIFICATION	C	C

BOTH DAMS ARE FLOOD CONTROL DAMS, AN ELEVATION-CAPACITY-DISCHARGE TABLE IS SHOWN ON SHEET 5. DEAD STORAGE BELOW RESERVOIR FLOW-LINE EQUALS ZERO ACRE-FEET
THE TOTAL ESTIMATED COST OF AMOLE DEL NORTE PHASE IIIC DETENTION DAMS IS \$ _____

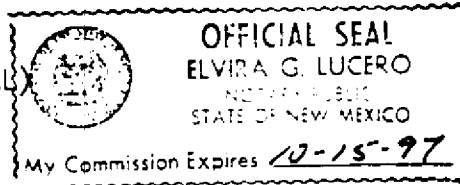
STATE OF NEW MEXICO
COUNTY OF BERNALILLO
I, STEVE BOBERG, JR. ON BEHALF OF THE CITY OF ALBUQUERQUE, BEING FIRST DULY SWORN, UPON MY OATH, STATE THAT I HAVE READ AND EXAMINED THE ACCOMPANYING MAPS AND STATEMENTS (MAPS AND STATEMENTS CONSISTING OF 15 SHEETS) AND KNOW THE CONTENTS THEREOF AND REPRESENTATIONS THEREON, AND STATE THAT THE SAME ARE TRUE TO THE BEST OF MY KNOWLEDGE AND BELIEF.

Steve Boberg, Jr.
CLAIMANT

SUBSCRIBED AND SWORN TO BEFORE ME THIS 30th DAY OF May, 1995

Elvira C. Lucero
NOTARY PUBLIC

MY COMMISSION EXPIRES 12-15-97

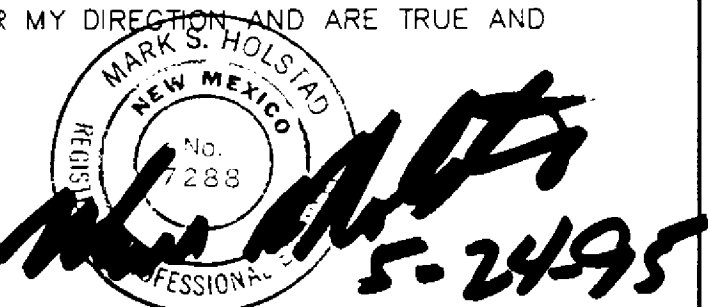


STATE OF NEW MEXICO,
COUNTY OF BERNALILLO
I, MARK HOLSTAD, P.E. BEING FIRST DULY SWORN, UPON MY OATH STATE THAT I AM THE REGISTERED PROFESSIONAL ENGINEER QUALIFIED IN CIVIL/HYDRAULIC ENGINEERING AND THAT THE ACCOMPANYING PLANS AND SPECIFICATIONS OF THE AMOLE DEL NORTE PHASE IIIC DETENTION DAMS (CONSISTING OF 15 SHEETS) WERE PREPARED BY ME OR UNDER MY DIRECTION AND ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

Mark Holstad
REGISTERED PROFESSIONAL ENGINEER

LICENSE NO. 7288

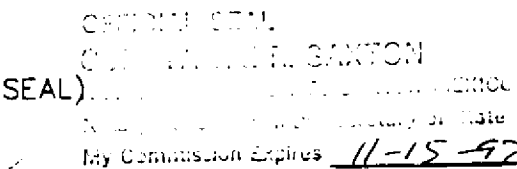
(SEAL)



SUBSCRIBED AND SWORN TO BEFORE ME THIS 24th DAY OF May, 1995

Constance R. Houston
NOTARY PUBLIC

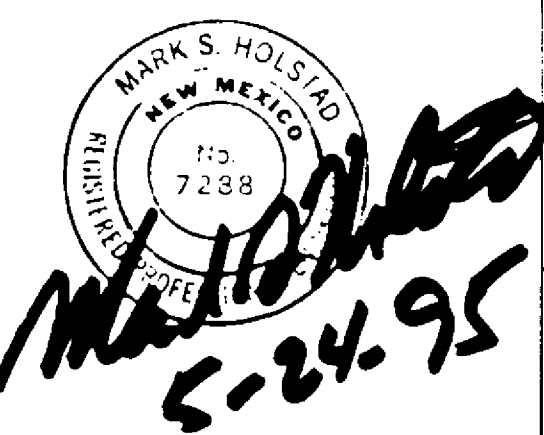
MY COMMISSION EXPIRES 11-15-97



STATE OF NEW MEXICO
COUNTY OF SANTA FE
I HEREBY CERTIFY THAT THE ACCOMPANYING PLANS AND SPECIFICATIONS HAVE BEEN DULY EXAMINED BY ME AND APPROVED AS TO FORM AND CONTENT, AND WERE DULY ACCEPTED FOR FILING ON THE 16th DAY OF June, 1995.

Donald T. Lopez
STATE ENGINEER

REV	SHEETS	CITY ENGR	DATE	USER DEPT.	DATE	USER DEPT.	DATE
APPROVAL OF REVISIONS							



Greiner, Inc.

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

APPROVED FOR
CONSTRUCTION

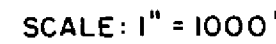
5/18/95

DRAWING NO.

CITY PROJECT # 4076.92

SHEET 1 OF 15

ADAM M. GILBERT, D.D.
1905



**DRAINAGE
BOUNDARY**

-ACS 10-L-9

ACS 9-L-9

-AMOLE 12

PROJECT BENCH MARKS

ACS 10-L-9 ALUMINUM CAP SET IN CONCRETE CURB ON THE
NORTHEASTERLY TURN ISLAND IN THE INTERSECTION
OF 98th STREET AND CENTRAL AVENUE.

N = 1,482,085.203 E = 352,792.376

ELEV = 5204.425

ACS 9-L-9 ALUMINUM CAP SET IN 3" PIPE APPROXIMATELY 30'
EAST OF THE EDGE OF PAVEMENT ON 98th STREET
AND APPROXIMATELY 1/4 MILE SOUTH OF CENTRAL
AVENUE.

N = 1,480,156.190 E = 353,052.967

ELEV = HORIZONTAL CONTROL ONLY

TBM-AMOLE 12 BRASS CAP SET ALONG THE SOUTH SIDE OF BRIDGE
BLVD. RIGHT-OF-WAY APPROXIMATELY 255' EAST OF
86TH STREET AND APPROXIMATELY 35' SOUTH OF
CENTER OF DIRT ROAD.

N = 1,482,132.666 E = 356,719.146

ELEV = 5111.080

PROJECT LEGEND

DESCRIPTION	EXISTING	NEW
RIGHT-OF-WAY LINE	---	---
CONTOUR	~ 5090 ~	
SPOT ELEVATION	X 89.5	5201
CONTROL POINT	◇	
GUARD RAIL	—●—●—●—●—	
BUILDING		
SIGN	+ S	
POWER POLE	○	
LIGHT POLE	◇	
TRAFFIC LIGHT	● TL	
FIRE HYDRANT	⌵	
TELEPHONE RISER	○	
FENCE	—X—X—	
WALL	—W—W—	
WATER METER	□	
WATER VALVE	⊞	
SANITARY MANHOLE	⊙	
STORM DRAIN MANHOLE	⊙	⊙
TELEPHONE MANHOLE	⊙	
SANITARY SEWER LINE	—SAS—	
WATER LINE	—W—	
STORM DRAIN LINE	—SD—	—SD—
GAS LINE	—G—	
CABLE TV LINE	—CATV—	
OVERHEAD ELECTRIC LINE	—OE—	
UNDERGROUND TELEPHONE	—UGT—	
CONCRETE CHANNEL		
CONCRETE BOX CULVERT		
SOIL CEMENT		

RECORD DRAWINGS
THESE DRAWINGS HAVE BEEN REVISED TO
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STORM DIVERSION FACILITIES IN ACCORDANCE
WITH INFORMATION FURNISHED BY THE
CONTRACTOR (CHAVA TRUCKING) AND THE
CITY OF ALBUQUERQUE WHICH PERFORMED
ON-SITE INSPECTION AND SURVEY DURING
CONSTRUCTION.

12-15-97

SECTION IDENTIFICATION

SECTION

SHEET WHERE SECTION IS LOCATED

ENGINEER'S SEAL

L

BY _____

1

1

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: AMOLE DEL NORTE STORM DIVERSION FACILITIES - PHASE IIIC
TIERRA BAYITA DRAINAGE FACILITIES

SHEET LAYOUT & LEGEND

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC. CHAIRMAN	<i>A. J. Doolittle</i>	5-12-95	WATER	<i>Ray H.</i>	5/19/95
TRANSPORTATION	<i>L. Hawk</i>	4-26-95	WASTE WATER	"	5/17/95
HYDROLOGY	<i>S. Bolger</i>	4-24-95			

DRAWING NO.	4076.92	MAP NO.	K-9	SHEET	2	OF	15
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APPLICATION NO. 4-29
RECEIVED

STATE ENGINEER
JULY 1994



NOT FOR CONSTRUCTION
FOR INFORMATION ONLY

MAP IS A COMPOSITE OF FEMA FLOODWAY MAPS,
ALBUQUERQUE, NEW MEXICO, BERNALILLO COUNTY
PANELS 26, 27, & 32.

LEGEND

- 109 BASIN IDENTIFICATION
— BASIN BOUNDARY

SURVEY INFORMATION		BENCH MARKS		AS BUILT INFORMATION	
NO.	FIELD NOTES	DATE	BY	CONTRACTOR	CHAVA TRUCKING
	NO.			DATE	
				INSPECTOR'S	DATE
				FILED	DATE
				VERIFICATION BY COA	DATE
				FILED	DATE
				RECORDED BY DESG	DATE
				FILED	DATE
				RECORDED BY	DATE
				FILED	DATE

ENGINEER'S SEAL
Handwritten Signature
4-25-95

RECORD DRAWINGS
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WITH INFORMATION FURNISHED BY THE
CONTRACTOR (CHAVA TRUCKING) AND THE
CITY OF ALBUQUERQUE WHICH PERFORMED
ON-SITE INSPECTION AND SURVEY DURING
CONSTRUCTION.

Handwritten Signature
Greiner, Inc.

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: AMOLE DEL NORTE STORM DIVERSION FACILITIES—PHASE IIIC
TERRA BAYITA DRAINAGE FACILITIES

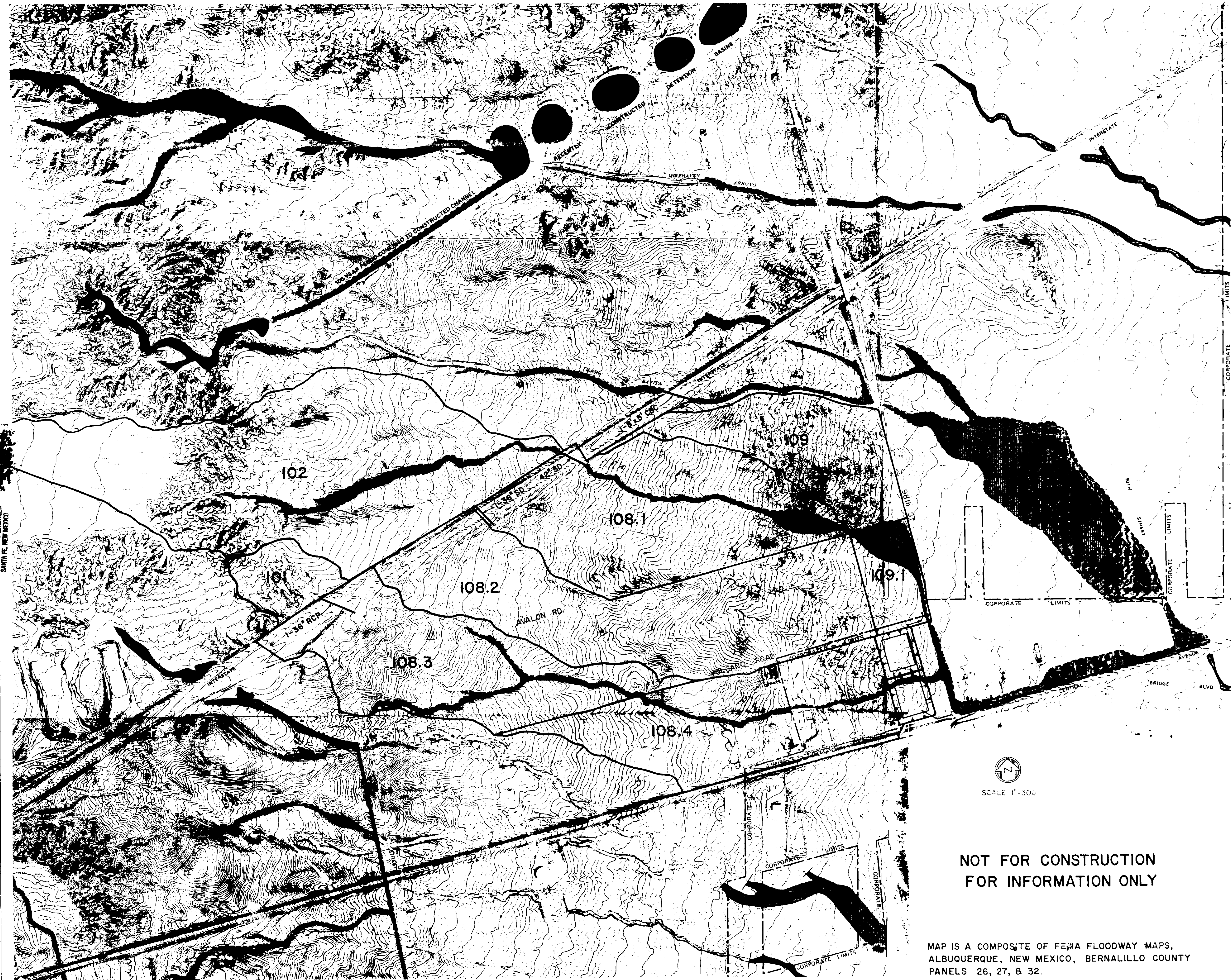
DRAINAGE BASIN MAP—EXISTING

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN			WATER		
TRANSPORTATION			WASTE WATER		
HYDROLOGY					

PROJECT NO. 4076.92 MAP NO. K-9 SHEET 3 OF 15

4/29
RECEIVED

OFFICE OF THE ENGINEER
SANTA FE, NEW MEXICO



MAP IS A COMPOSITE OF FEMA FLOODWAY MAPS,
ALBUQUERQUE, NEW MEXICO, BERNALILLO COUNTY
PANELS 26, 27, & 32.

LEGEND

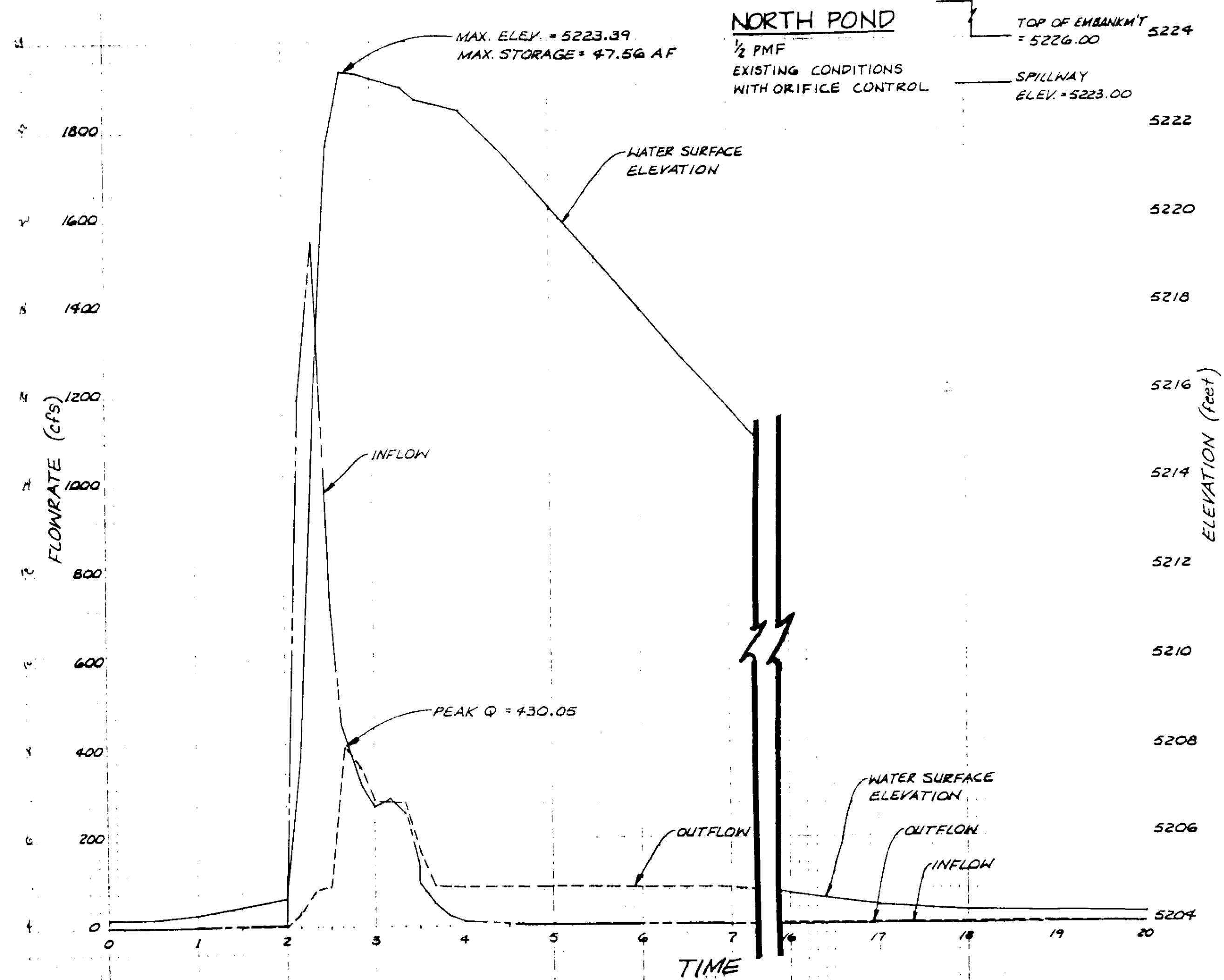
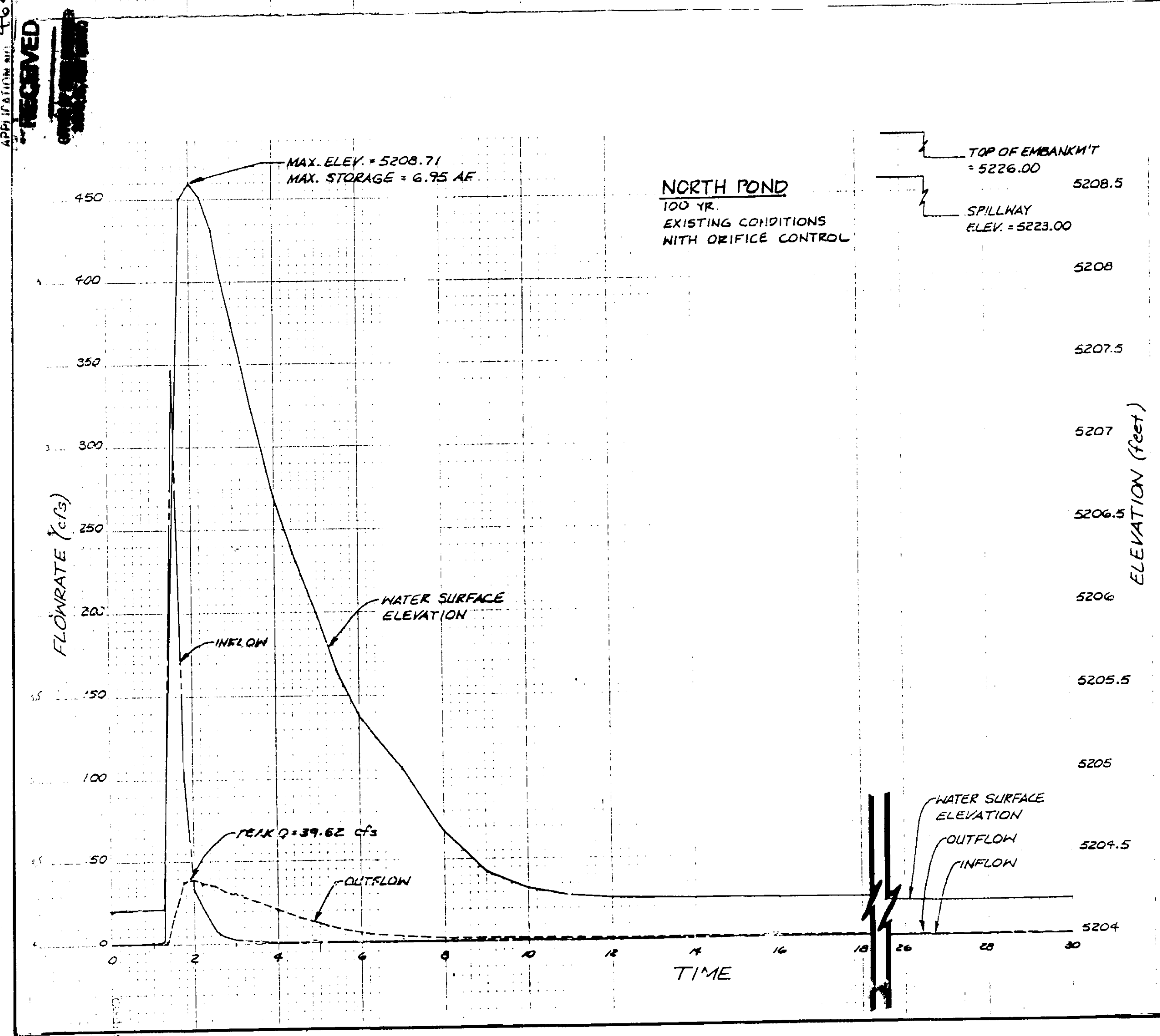
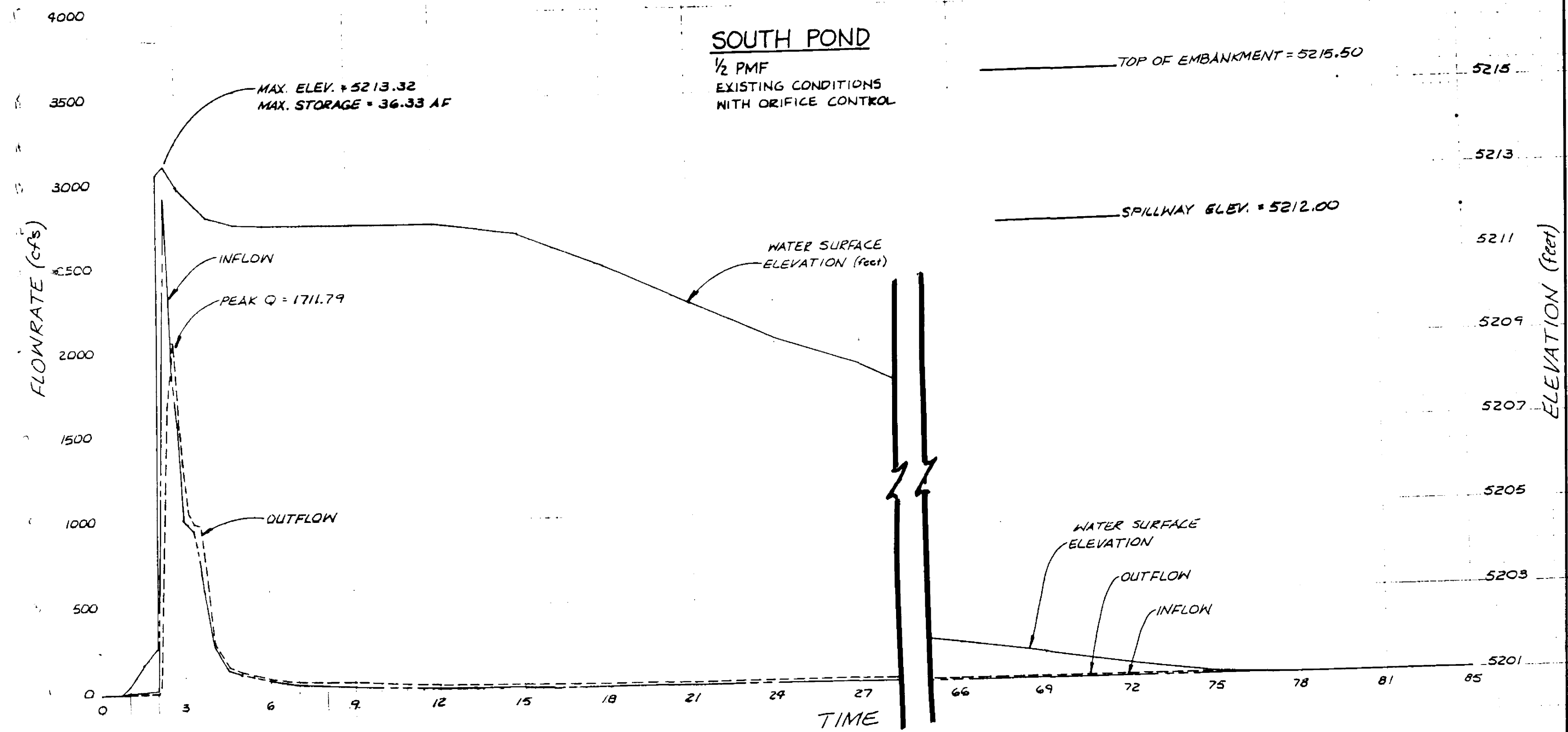
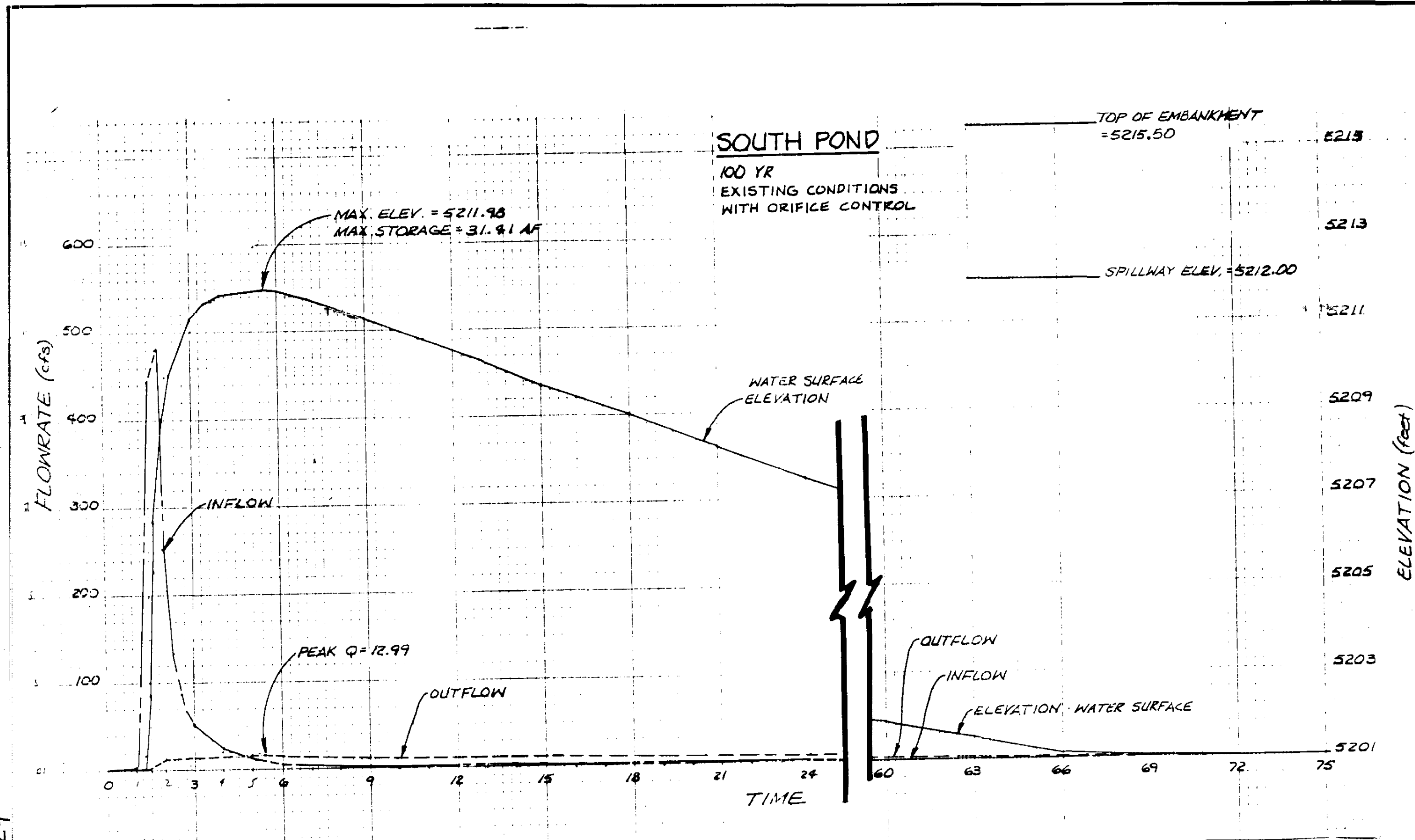
- 109 BASIN IDENTIFICATION
- BASIN BOUNDARY

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CONSTRUCTION.

12-15-97
Greiner, Inc.

CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING GROUP			
TITLE AMOLE DEL NORTE STORM DIVERSION FACILITIES—PHASE IIIC TIERRA BAYITA DRAINAGE FACILITIES			
DRAINAGE BASIN MAP—ULTIMATE			
DESIGNED BY	DATE	DESIGNED BY	DATE
DR. CHAIRMAN	3/94	DR. CHAIRMAN	3/94
TRANSPORTATION	5/94	TRANSPORTATION	5/94
HYDROLOGY	5/94	HYDROLOGY	5/94
PROJECT NO.	4076.92	MAP NO.	K-9
SHEET 4		OF 15	

ENGINEER'S SEAL		SURVEY INFORMATION		BENCH MARKS		AS BUILT INFORMATION	
NO. DATE		FIELD NOTES		ACCS 10-L-9 ALUMINUM CAP SET IN CONCRETE CURB ON THE NORTHEASTLY TURN ISLAND IN THE INTERSECTION OF 98TH STREET AND CENTRAL AVENUE		CHAVA TRUCKING	
REMARKS		BY		N = 1,402,005.203 E = 352,792.376 ELEV = 5204.425		DATE	
DESIGNED BY SKJ		DATE 3/94		DATE		DATE	
DRAWN BY JAK, MLS		DATE 5/94		DATE		DATE	
CHECKED BY MSH		DATE 5/94		DATE		DATE	



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CITY OF ALBUQUERQUE WHICH PERFORMED
ON-SITE INSPECTION AND SURVEY DURING
CONSTRUCTION.

4-25-95

Greiner, Inc.

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION

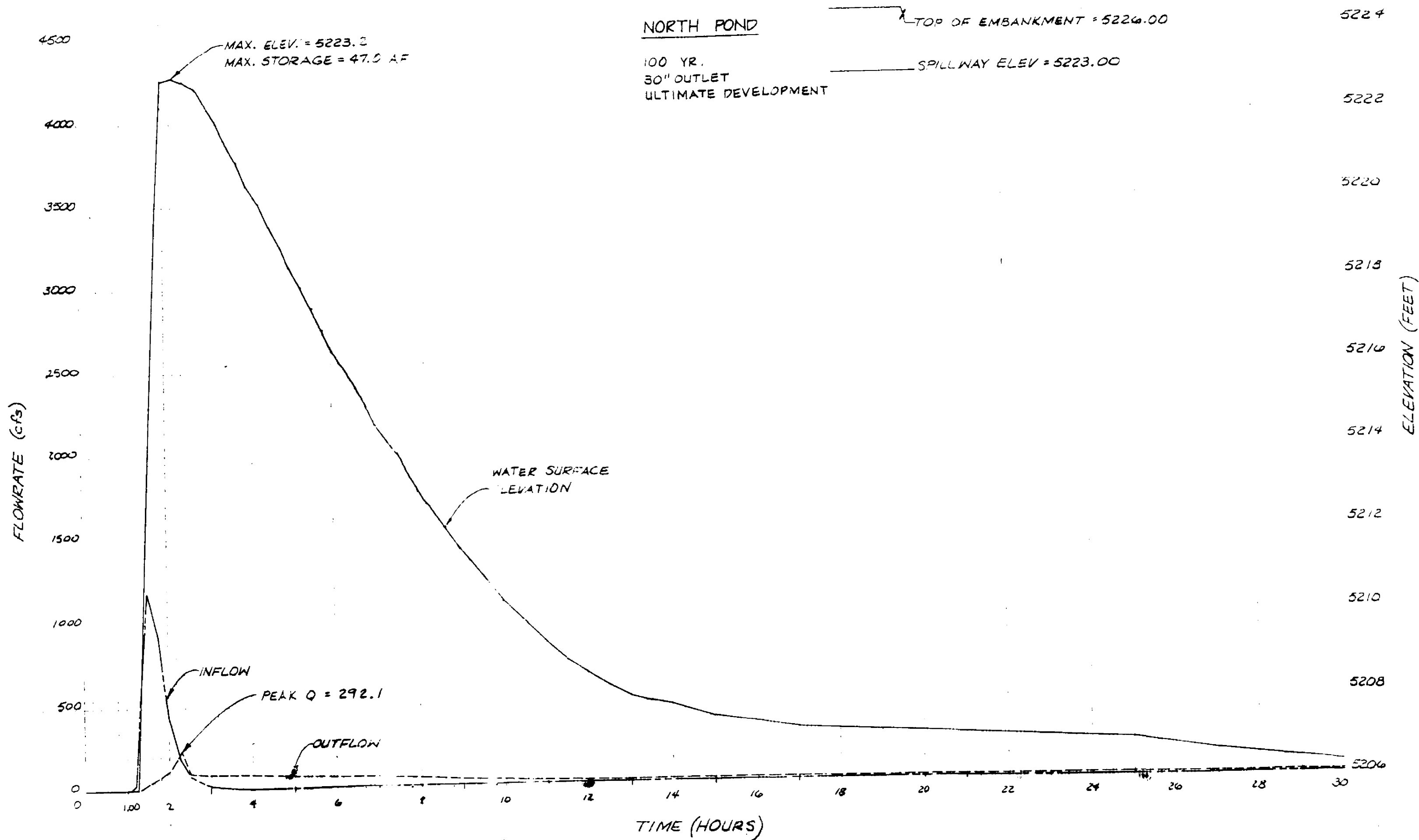
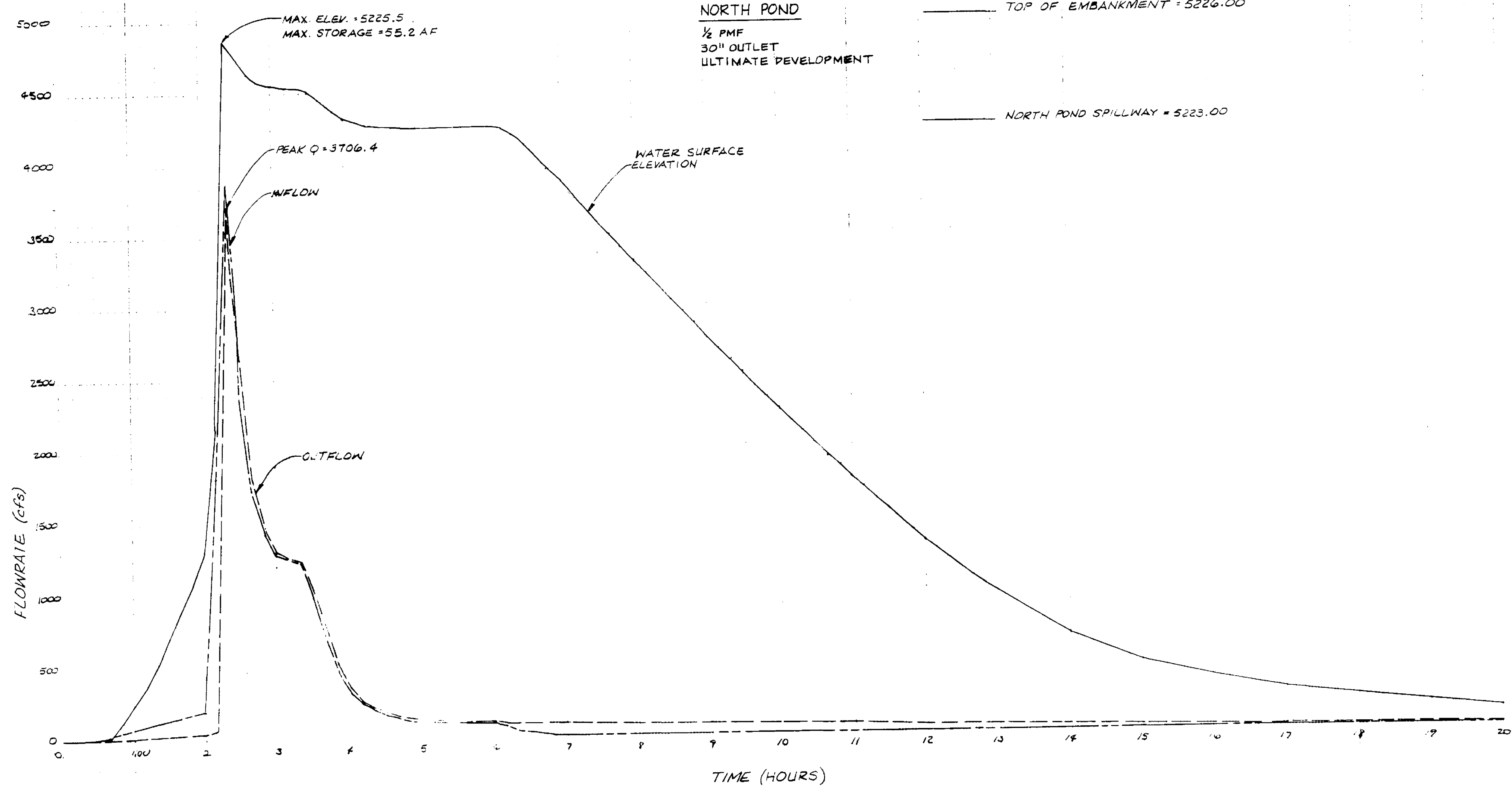
TITLE AMOLE DEL NORTE STORM DIVERSION FACILITIES-PHASE IIIC
TERRA BATTA DRAINAGE FACILITIES

NORTH & SOUTH POND - EXISTING HYDROLOGY INFORMATION

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
D.R.C. Chairman	J. J. Greiner	5-12-95	Water	N/A	N/A
Transportation	N/A	4-24-95	Wastewater	N/A	N/A
Hydrology	S. J. Greiner	4-24-95			

DRAWING NO. 4076.92 MAP NO. K-9 SHEET 5 OF 15

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OFFICE OF CITY ENGINEER
SANTA FE, NEW MEXICO



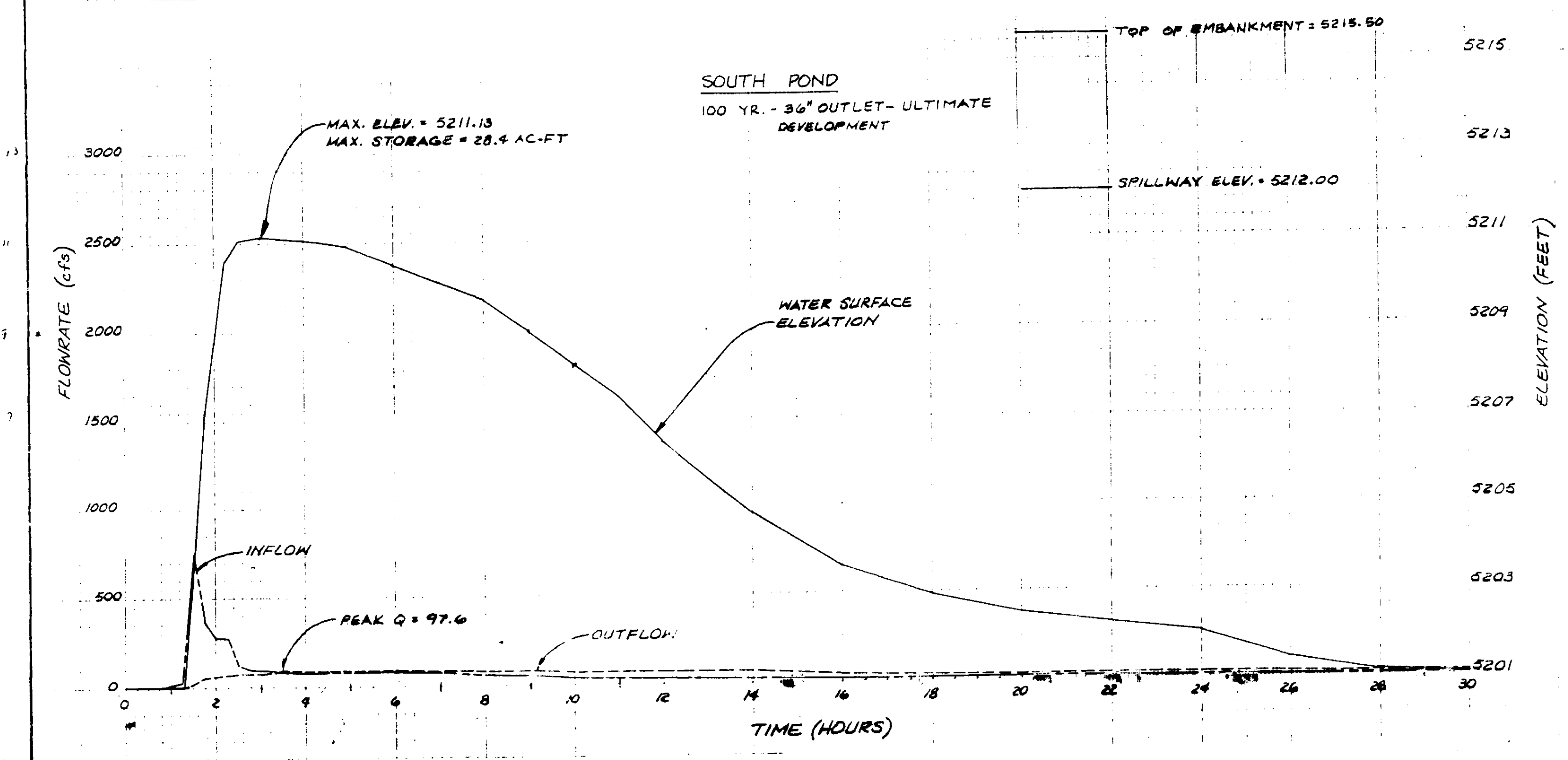
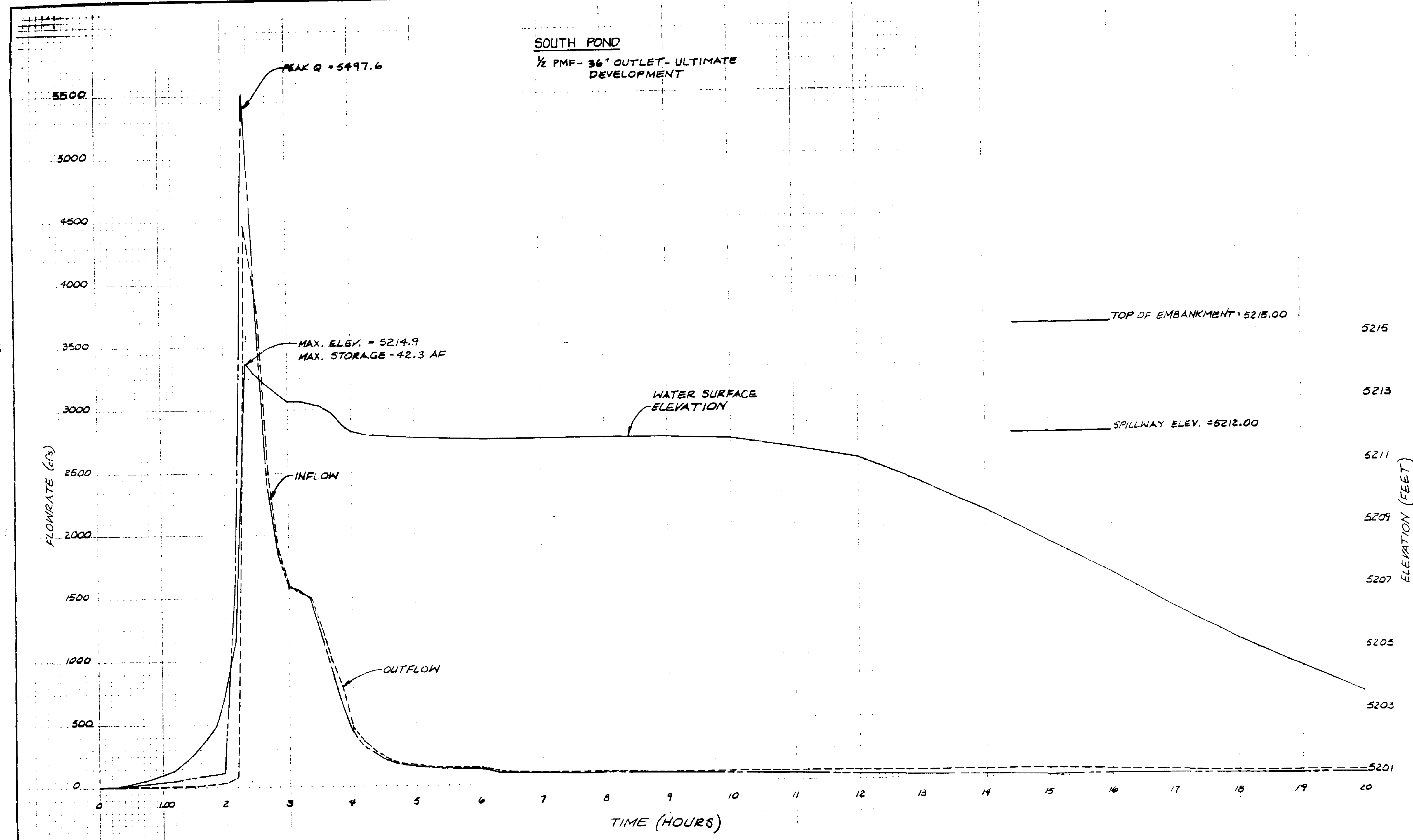
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Greiner, Inc.

CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING DIVISION					
TITLE AMOLE DEL NORTE STORM DIVERSION FACILITIES-PHASE IIC TERRA BATTA DRAINAGE FACILITIES					
NORTH POND - ULTIMATE DEVELOPEMENT HYDROLOGY INFORMATION					
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
D.R.C. Chairman	<i>S. B. Boling</i>	5-12-95	Water	<i>W. A. [Signature]</i>	
Transportation	<i>W. A. [Signature]</i>	4-26-95	Wastewater	<i>W. A. [Signature]</i>	
Hydrology	<i>S. B. Boling</i>	4-24-95			
DRAWING NO. 4076.92		MAP NO. K-9	SHEET 6 OF 15		

RECEIVED

OFFICE OF STATE ENGINEER
SANTA FE, NEW MEXICO



RECORD DRAWINGS
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12-15-97

Greiner, Inc.

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION

TITLE AMOLE DEL NORTE STORM DIVERSION FACILITIES-PHASE IIC
TIERRA BATTA DRAINAGE FACILITIES

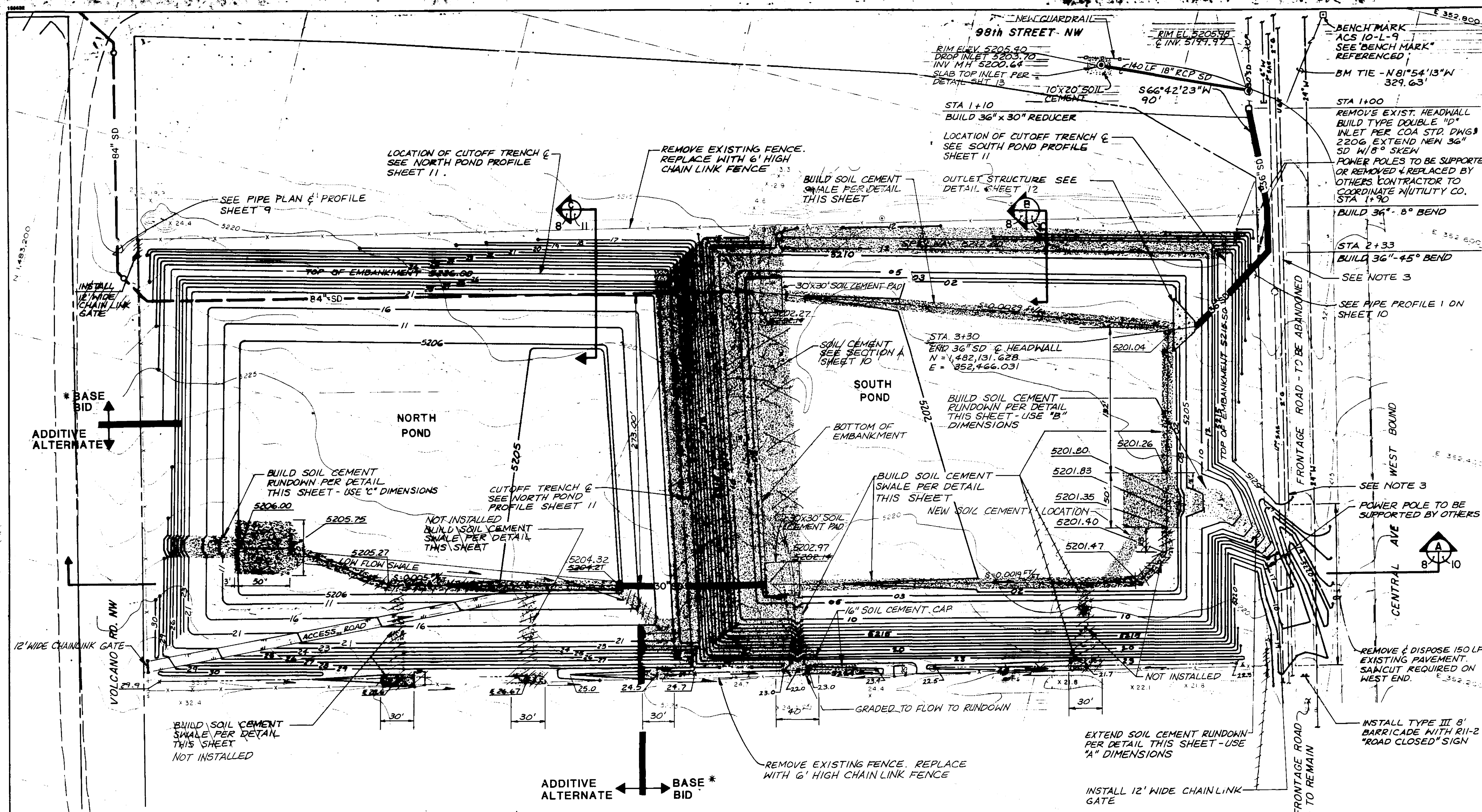
SOUTH POND - ULTIMATE DEVELOPMENT HYDROLOGY INFORMATION

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
J.R.C. Chairman	<i>[Signature]</i>	5-2-95	Water	<i>[Signature]</i>	
Transportation	<i>[Signature]</i>	4-26-95	Wastewater	<i>[Signature]</i>	
Hydrology	<i>[Signature]</i>	4-24-95			

DRAWING NO. **4076.92** MAP NO. **K-9** 7 15

ENGINEER'S SEAL		SURVEY INFORMATION		AS BUILT INFORMATION	
		FIELD NOTES		CONTRACTOR CHAVA TRUCKING	
		NO.	BY	DATE	DATE
		AC 10-L-1 ALUMINUM CAP SET IN CONCRETE CURB ON THE NORTHEASTLY TURN ISLAND IN THE INTERSECTION OF 98th STREET AND CENTRAL AVENUE		NO. 10-L-1	DATE
		N = 1,492,085.203 E = 352,792.378 ELEV. = 5204.425		NO. 10-L-1	DATE
REMARKS		REVISIONS		MICRO-FILM INFORMATION	
DESIGN		DESIGN		RECORDED BY	
DATE: 10/90		DATE: 10/90		DATE	
DRAWN BY: J.A.K.		DRAWN BY: J.A.K.		DATE	
CHECKED BY:		CHECKED BY:		DATE	

APPROVED FOR CONSTRUCTION
RECEIVED
OFFICE OF STATE ENGINEER
N.M.A.V.



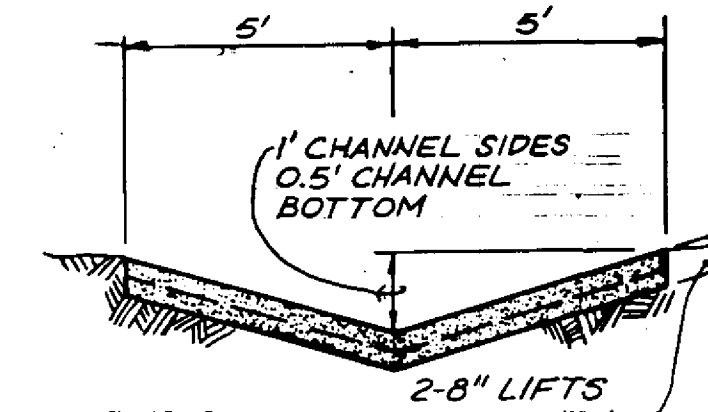
CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT SHALL LOCATE A NEW PERMANENT MONUMENT AT NORTHEAST CORNER OF PROJECT. CONTRACTOR TO COORDINATE WITH CITY.

HAZARD CLASS: C-HIGH
SIZE: SMALL

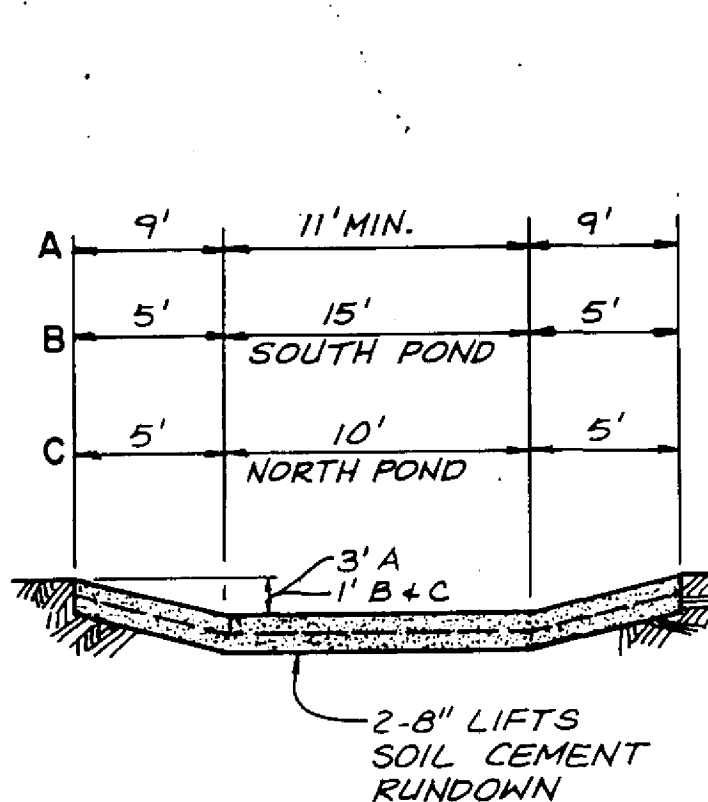
ELEVATION/STORAGE/DISCHARGE TABLE					
North Pond			South Pond		
Elevation (ft.)	Storage (Ac. ft.)	Outflow (cfs)	Elevation (ft.)	Storage (Ac. ft.)	Outflow (cfs)
5204.21	0	0	5201	0	0
5205	0.287	3	5202	0.934	5
5206	1.532	13	5203	3.359	6
5207	3.486	25	5204	6.080	27
5209	7.543	42	5206	11.813	43
5211	11.939	52	5208	17.946	55
5213	16.689	64	5210	24.492	64
5215	21.805	72	5212*	31.465	72
5217	27.301	80	5213	35.115	1137
5219	33.189	88	5214	38.877	3122
5221	39.483	90	**52.15.50	44.733	7217
5223*	46.197	91			
5224	49.715	968			
5225	53.343	2615			
5226**	57.082	4809			

* SPILLWAY ELEVATION
** TOP OF DAM ELEVATION

*BASE BID
THE BASE BID INCLUDES ALL ITEMS SHOWN ON THIS SHEET EXCEPT NORTH POND EXCAVATION TO ELEV. 5206. IF THE BASE BID ONLY IS CONSTRUCTED, AREAS WITHIN NORTH POND BELOW ELEV. 5223 SHALL BE FILLED PER SECTION 601 OF THE SPECIFICATIONS AND GRADED TO ALLOW DRAINAGE OVER THE CENTRAL EMBANKMENT AT ELEV. 5223. SEE SECTIONS A & C FOR CLARIFICATION.



SOIL CEMENT SWALE



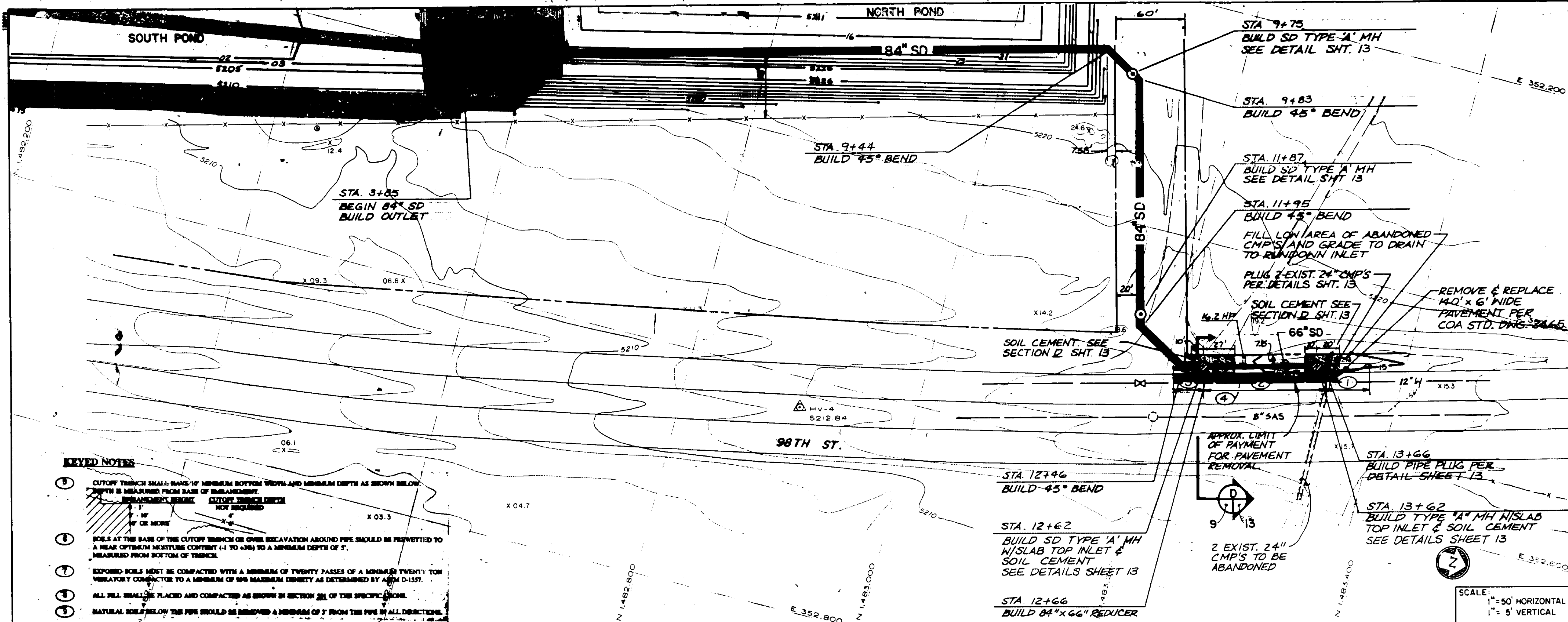
SOIL CEMENT RUNDOWN

- NOTE:
- STATIONING IS ALONG C OF PIPES
 - EARTHWORK PROCEDURES ARE DESCRIBED IN SECTIONS 501 AND 501 OF THE SPECIFICATIONS
 - CONTRACTOR SHALL USE EXTREME CAUTION WHEN EXCAVATING IN AREA OF EXISTING FIBER OPTICS CABLE.

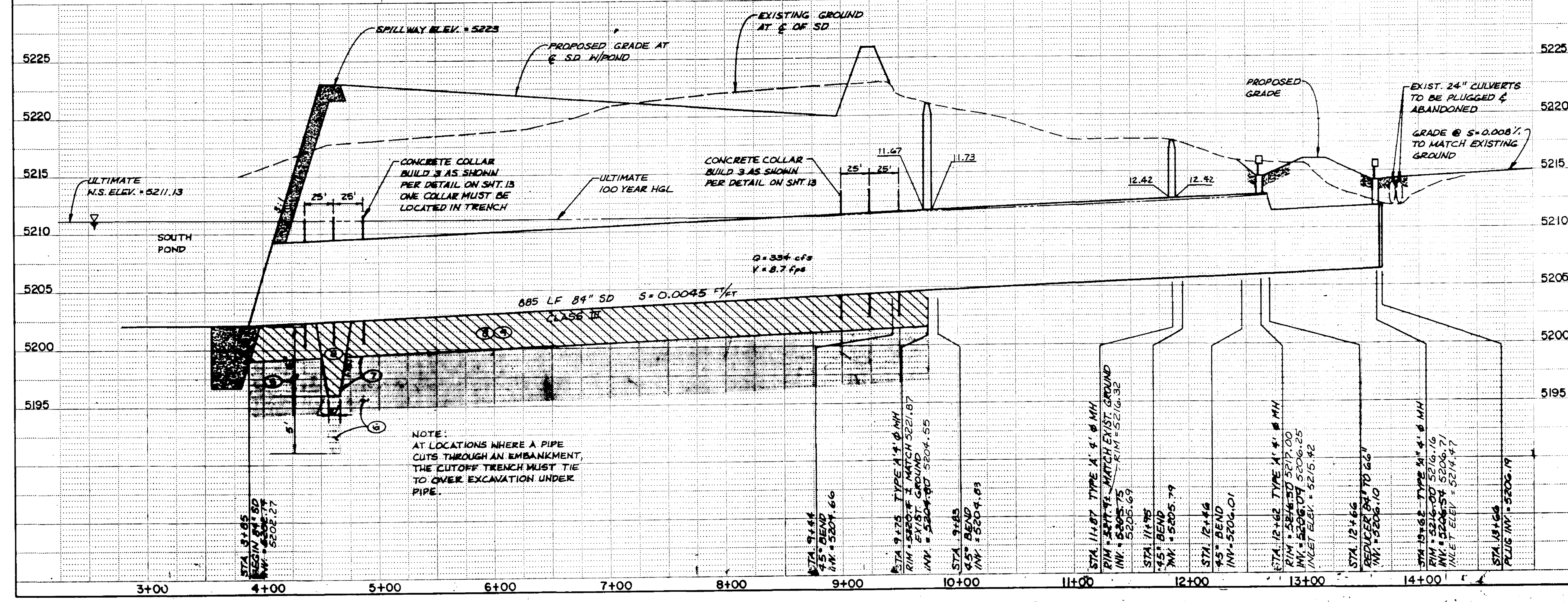
AS BUILT INFORMATION				BENCH MARKS				SURVEY INFORMATION			
CONTRACTOR	CHAVA TRUCKING	WORK STARTED BY	COA	DATE	DATE	DATE	DATE	NO.	BY	DATE	DATE
WORK	CHAVA TRUCKING	COA	CHAVA TRUCKING	6-790	7-790	7-790	7-790	1880	GREINER	6-790	7-790
FIELD	CHAVA TRUCKING	CHAVA TRUCKING	CHAVA TRUCKING	7-790	7-790	7-790	7-790	1885	GREINER	7-790	7-790
DATE	CHAVA TRUCKING	CHAVA TRUCKING	CHAVA TRUCKING	7-790	7-790	7-790	7-790	1886	GREINER	7-790	7-790
DATE	CHAVA TRUCKING	CHAVA TRUCKING	CHAVA TRUCKING	7-790	7-790	7-790	7-790	1887	GREINER	7-790	7-790
DATE	CHAVA TRUCKING	CHAVA TRUCKING	CHAVA TRUCKING	7-790	7-790	7-790	7-790	1888	GREINER	7-790	7-790
DATE	CHAVA TRUCKING	CHAVA TRUCKING	CHAVA TRUCKING	7-790	7-790	7-790	7-790	1889	GREINER	7-790	7-790
DATE	CHAVA TRUCKING	CHAVA TRUCKING	CHAVA TRUCKING	7-790	7-790	7-790	7-790	1890	GREINER	7-790	7-790
DATE	CHAVA TRUCKING	CHAVA TRUCKING	CHAVA TRUCKING	7-790	7-790	7-790	7-790	1891	GREINER	7-790	7-790
DATE	CHAVA TRUCKING	CHAVA TRUCKING	CHAVA TRUCKING	7-790	7-790	7-790	7-790	1892	GREINER	7-790	7-790
DATE	CHAVA TRUCKING	CHAVA TRUCKING	CHAVA TRUCKING	7-790	7-790	7-790	7-790	1893	GREINER	7-790	7-790
DATE	CHAVA TRUCKING	CHAVA TRUCKING	CHAVA TRUCKING	7-790	7-790	7-790	7-790	1894	GREINER	7-790	7-790
DATE	CHAVA TRUCKING	CHAVA TRUCKING	CHAVA TRUCKING	7-790	7-790	7-790	7-790	1895	GREINER	7-790	7-790
DATE	CHAVA TRUCKING	CHAVA TRUCKING	CHAVA TRUCKING	7-790	7-790	7-790	7-790	1896	GREINER	7-790	7-790
DATE	CHAVA TRUCKING	CHAVA TRUCKING	CHAVA TRUCKING	7-790	7-790	7-790	7-790	1897	GREINER	7-790	7-790
DATE	CHAVA TRUCKING	CHAVA TRUCKING	CHAVA TRUCKING	7-790	7-790	7-790	7-790	1898	GREINER	7-790	7-790
DATE	CHAVA TRUCKING	CHAVA TRUCKING	CHAVA TRUCKING	7-790	7-790	7-790	7-790	1899	GREINER	7-790	7-790
DATE	CHAVA TRUCKING	CHAVA TRUCKING	CHAVA TRUCKING	7-790	7-790	7-790	7-790	1900	GREINER	7-790	7-790
DATE	CHAVA TRUCKING	CHAVA TRUCKING	CHAVA TRUCKING	7-790	7-790	7-790	7-790	1901	GREINER	7-790	7-790
DATE	CHAVA TRUCKING	CHAVA TRUCKING	CHAVA TRUCKING	7-790	7-790	7-790	7-790	1902	GREINER	7-790	7-790
DATE	CHAVA TRUCKING	CHAVA TRUCKING	CHAVA TRUCKING	7-790	7-790	7-790	7-790	1903	GREINER	7-790	7-790
DATE	CHAVA TRUCKING	CHAVA TRUCKING	CHAVA TRUCKING	7-790	7-790	7-790	7-790	1904	GREINER	7-790	7-790
DATE	CHAVA TRUCKING	CHAVA TRUCKING	CHAVA TRUCKING	7-790	7-790	7-790	7-790	1905	GREINER	7-790	7-790
DATE	CHAVA TRUCKING	CHAVA TRUCKING	CHAVA TRUCKING	7-790	7-790	7-790	7-790	1906	GREINER	7-790	7-790
DATE	CHAVA TRUCKING	CHAVA TRUCKING	CHAVA TRUCKING	7-790	7-790	7-790	7-790	1907	GREINER	7-790	7-790
DATE	CHAVA TRUCKING	CHAVA TRUCKING	CHAVA TRUCKING	7-790	7-790	7-790	7-790	1908	GREINER	7-790	7-790
DATE	CHAVA TRUCKING	CHAVA TRUCKING	CHAVA TRUCKING	7-790	7-790	7-790	7-790	1909	GREINER	7-790	7-790
DATE	CHAVA TRUCKING	CHAVA TRUCKING	CHAVA TRUCKING	7-790	7-790	7-790	7-790	1910	GREINER	7-790	7-790
DATE	CHAVA TRUCKING	CHAVA TRUCKING	CHAVA TRUCKING	7-790	7-790	7-790	7-790	1911	GREINER	7-790	7-790
DATE	CHAVA TRUCKING	CHAVA TRUCKING	CHAVA TRUCKING	7-790	7-790	7-790	7-790	1912	GREINER	7-790	7-790
DATE	CHAVA TRUCKING	CHAVA TRUCKING	CHAVA TRUCKING	7-790	7-790	7-790	7-790	1913	GREINER	7-790	7-790
DATE	CHAVA TRUCKING	CHAVA TRUCKING	CHAVA TRUCKING	7-790	7-790	7-790	7-790	1914	GREINER	7-790	7-790
DATE	CHAVA TRUCKING	CHAVA TRUCKING	CHAVA TRUCKING	7-790	7-790	7-790	7-790	1915	GREINER	7-790	7-790
DATE	CHAVA TRUCKING	CHAVA TRUCKING	CHAVA TRUCKING	7-790	7-790	7-790	7-790	1916	GREINER	7-790	7-790
DATE	CHAVA TRUCKING	CHAVA TRUCKING	CHAVA TRUCKING	7-790	7-790	7-790	7-790	1917	GREINER	7-790	7-790
DATE	CHAVA TRUCKING	CHAVA TRUCKING	CHAVA TRUCKING	7-790	7-790	7-790	7-790	1918	GREINER	7-790	7-790
DATE	CHAVA TRUCKING	CHAVA TRUCKING	CHAVA TRUCKING	7-790	7-790	7-790	7-790	1919	GREINER	7-790	7-790
DATE	CHAVA TRUCKING	CHAVA TRUCKING	CHAVA TRUCKING	7-790	7-790	7-790	7-790	1920	GREINER	7-790	7-790
DATE	CHAVA TRUCKING	CHAVA TRUCKING	CHAVA TRUCKING	7-790	7-790	7-790	7-790	1921	GREINER	7-790	7-790
DATE	CHAVA TRUCKING	CHAVA TRUCKING	CHAVA TRUCKING	7-790	7-790	7-790	7-790	1922	GREINER	7-790	7-790
DATE	CHAVA TRUCKING	CHAVA TRUCKING	CHAVA TRUCKING	7-790	7-790	7-790	7-790	1923	GREINER	7-790	7-790
DATE	CHAVA TRUCKING	CHAVA TRUCKING	CHAVA TRUCKING	7-790	7-790	7-790	7-790	1924	GREINER	7-790	7-790
DATE	CHAVA TRUCKING	CHAVA TRUCKING	CHAVA TRUCKING	7-790	7-790	7-790	7-790	1925	GREINER	7-790	7-790
DATE	CHAVA TRUCKING	CHAVA TRUCKING	CHAVA TRUCKING	7-790	7-790	7-790	7-790	1926	GREINER	7-790	7-790
DATE	CHAVA TRUCKING	CHAVA TRUCKING	CHAVA TRUCKING	7-790	7-790	7-790	7-790	1927	GREINER	7-790	7-790
DATE	CHAVA TRUCKING	CHAVA TRUCKING	CHAVA TRUCKING	7-790	7-790	7-790	7-790	1928	GREINER	7-790	7-790
DATE	CHAVA TRUCKING	CHAVA TRUCKING	CHAVA TRUCKING	7-790	7-790	7-790	7-790	1929	GREINER	7-790	7-790
DATE	CHAVA TRUCKING	CHAVA TRUCKING	CHAVA TRUCKING	7-790	7-790	7-790	7-790	1930	GREINER	7-790	7-790
DATE	CHAVA TRUCKING	CHAVA TRUCKING	CHAVA TRUCKING	7-790	7-790	7-790	7-790	1931	GREINER	7-790	7-790
DATE	CHAVA TRUCKING	CHAVA TRUCKING	CHAVA TRUCKING	7-790	7-790	7-790	7-790	1932	GREINER	7-790	7-790
DATE	CHAVA TRUCKING	CHAVA TRUCKING	CHAVA TRUCKING	7-790	7-790	7-790	7-790	1933	GREINER	7-790	7-790
DATE	CHAVA TRUCKING	CHAVA TRUCKING	CHAVA TRUCKING	7-790	7-790	7-790	7-790	1934	GREINER	7-790	7-790
DATE	CHAVA TRUCKING	CHAVA TRUCKING	CHAVA TRUCKING	7-790	7-790	7-790	7-790	1935	GREINER	7-790	7-790
DATE	CHAVA TRUCKING	CHAVA TRUCKING	CHAVA TRUCKING	7-790	7-790	7-790	7-790	1936	GREINER	7-790	7-790
DATE	CHAVA TRUCKING	CHAVA TRUCKING	CHAVA TRUCKING	7-790	7-790	7-790	7-790	1937	GREINER	7-790	7-790
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DATE	CHAVA TRUCKING	CHAVA TRUCKING	CHAVA TRUCKING	7-790	7-790	7-790	7-790	1939	GREINER	7-790	7-790
DATE	CHAVA TRUCKING	CHAVA TRUCKING	CHAVA TRUCKING	7-790	7-790	7-790	7-790	1940	GREINER	7-790	7-790
DATE	CHAVA TRUCKING	CHAVA TRUCKING	CHAVA TRUCKING	7-790	7-790	7-790	7-790	1941	GREINER	7-790	7-790
DATE	CHAVA TRUCKING	CHAVA TRUCKING	CHAVA TRUCKING	7-790	7-790	7-790	7-790	1942	GREINER	7-790	7-790
DATE	CHAVA TRUCKING	CHAVA TRUCKING	CHAVA TRUCKING	7-790	7-790	7-790	7-790	1943	GREINER	7-790	7-790
DATE	CHAVA TRUCKING	CHAVA TRUCKING	CHAVA TRUCKING	7-790	7-790	7-790	7-790	1944	GREINER	7-790	7-790
DATE	CHAVA TRUCKING	CHAVA TRUCKING	CHAVA TRUCKING	7-790	7-790	7-790	7-790	1945	GREINER	7-790	7-790
DATE	CHAVA TRUCKING	CHAVA TRUCKING	CHAVA TRUCKING	7-790	7-790	7-790	7-790	1946	GREINER	7-790	7-790
DATE	CHAVA TRUCKING	CHAVA TRUCKING	CHAVA TRUCKING	7-790	7-790	7-790	7-790	1947	GREINER	7-790	7-790
DATE	CHAVA TRUCKING	CHAVA TRUCKING	CHAVA TRUCKING	7-790	7-790	7-790	7-790	1948	GREINER	7-790	7-790
DATE	CHAVA TRUCKING	CHAVA TRUCKING	CHAVA TRUCKING	7-790	7-790	7-790	7-790	1949	GREINER	7-790	7-790
DATE	CHAVA TRUCKING	CHAVA TRUCKING	CHAVA TRUCKING	7-790	7-790	7-790	7-790	1950	GREINER	7-790	7-790
DATE	CHAVA TRUCKING	CHAVA TRUCKING	CHAVA TRUCKING	7-790	7-790	7-790	7-790	1951	GREINER	7-790	7-790
DATE	CHAVA TRUCKING	CHAVA TRUCKING	CHAVA TRUCKING	7-790	7-790	7-790	7-790	1952	GREINER	7-790	7-790
DATE	CHAVA TRUCKING	CHAVA TRUCKING	CHAVA TRUCKING	7-790	7-790	7-790	7-790	1953	GREINER	7-790	7-790
DATE	CHAVA TRUCKING	CHAVA TRUCKING	CHAVA TRUCKING	7-790	7-790	7-790	7-790	1954	GREINER	7-790	7-790
DATE	CHAVA TRUCKING	CHAVA TRUCKING	CHAVA TRUCKING	7-790	7-790	7-790	7-790	1955	GREINER	7-790	7-790
DATE	CHAVA TRUCKING	CHAVA TRUCKING	CHAVA TRUCKING	7-790	7-790	7-790	7-790	1956	GREINER	7-790	7-790
DATE	CHAVA TRUCKING	CHAVA TRUCKING	CHAVA TRUCKING	7-790	7-790	7-790	7-790	1957	GREINER	7-790	7-790
DATE	CHAVA TRUCKING	CHAVA TRUCKING	CHAVA TRUCKING	7-790	7-790	7-790	7-790	1958	GREINER	7-790	7-790
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DATE	CHAVA TRUCKING	CHAVA TRUCKING	CHAVA TRUCKING	7-790	7-790	7-790	7-790	1960	GREINER	7-790	7-790
DATE	CHAVA TRUCKING	CHAVA TRUCKING	CHAVA TRUCKING	7-790	7-790	7-790	7-790	1961	GREINER	7-790	7-790
DATE	CHAVA TRUCKING	CHAVA TRUCKING	CHAVA TRUCKING	7-790	7-790	7-790	7-790	1962	GREINER	7-790	7-790
DATE	CHAVA TRUCKING	CHAVA TRUCKING	CHAVA TRUCKING	7-790	7-790	7-790	7-790	1963	GREINER	7-790	7-790
DATE	CHAVA TRUCKING	CHAVA TRUCKING	CHAVA TRUCKING	7-790	7-790	7-790	7-790	1964	GREINER	7-790	7-790
DATE	CHAVA TRUCKING	CHAVA TRUCKING	CHAVA TRUCKING	7-790	7-790	7-790	7-790	1965	GREINER	7-790	7-790
DATE	CHAVA TRUCKING	CHAVA TRUCKING	CHAVA TRUCKING	7-790	7-790	7-790	7-790	1966	GREINER	7-790	7-790
DATE	CHAVA TRUCKING	CHAVA TRUCKING	CHAVA TRUCKING	7-790	7-790	7-790	7-790	1967	GREINER	7-790	7-790
DATE	CHAVA TRUCKING	CHAVA TRUCKING	CHAVA TRUCKING	7-790	7-790	7-790	7-790	1968	GREINER	7-790	7-790
DATE	CHAVA TRUCKING	CHAVA TRUCKING	CHAVA TRUCKING	7-790	7-790	7-790	7-790	1969	GREINER	7-790	7-790
DATE	CHAVA TRUCKING	CHAVA TRUCKING	CHAVA TRUCKING	7-790	7-790	7-790	7-790	1970	GREINER	7-790	7-790
DATE	CHAVA TRUCKING	CHAVA TRUCKING	CHAVA TRUCKING	7-790	7-790	7-790</					

APPROVED 4-25-95
RECEIVED

OFFICE OF STATE ENGINEER
SANTO DOMINGO, N.M.

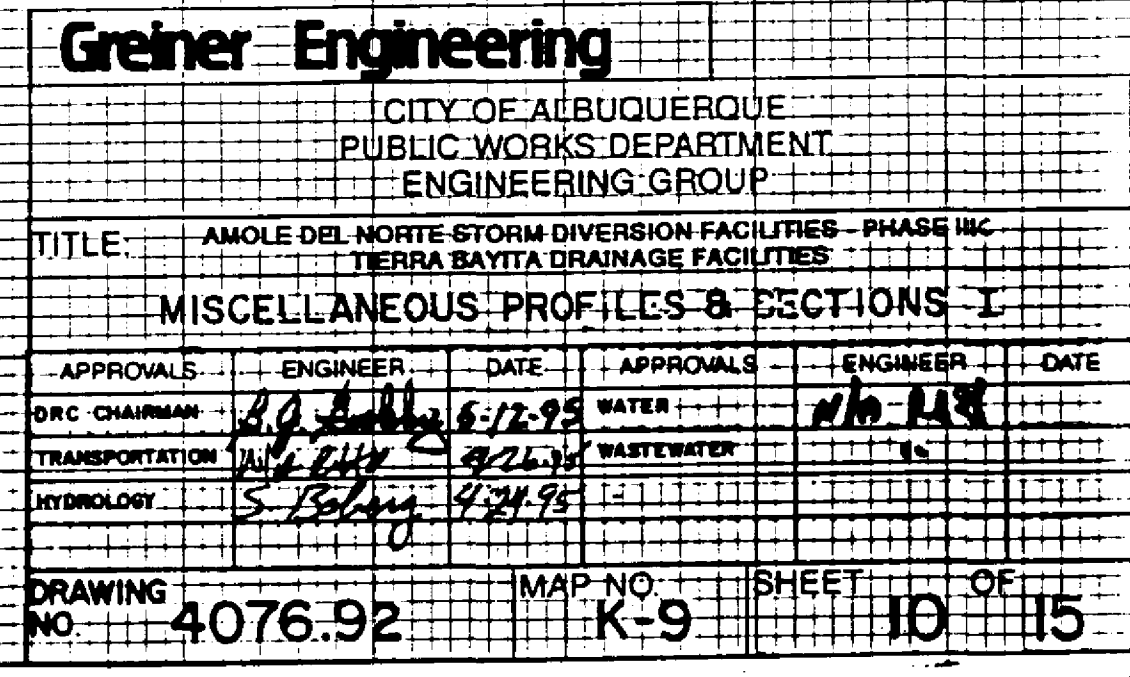


- KEYED NOTES**
- 1. CUTOFF TRENCH SHALL HAVE 12" MINIMUM BOTTOM WIDTH AND MINIMUM DEPTH AS SHOWN BELOW. DEPTH IS MEASURED FROM BASE OF EMBANKMENT.
 - 2. SOILS AT THE BASE OF THE CUTOFF TRENCH OR OVER EXCAVATION AROUND PIPE SHOULD BE PERMITTED TO A NEAR OPTIMUM MOISTURE CONTENT (-1 TO +3%) TO A MINIMUM DEPTH OF 5". MEASURED FROM BOTTOM OF TRENCH.
 - 3. EXPOSED SOILS MUST BE COMPACTED WITH A MINIMUM OF TWENTY PASSES OF A MINIMUM TWENTY TON VIBRATORY COMPACTOR TO A MINIMUM OF 98% MAXIMUM DENSITY AS DETERMINED BY ASTM D-1557.
 - 4. ALL FILL SHALL BE PLACED AND COMPACTED AS SHOWN IN SECTION 22 OF THE SPECIFICATIONS.
 - 5. NATURAL SOIL BELOW THE PIPE SHOULD BE REMOVED A MINIMUM OF 7' FROM THE PIPE IN ALL DIRECTIONS.



AS BUILT INFORMATION			BENCH MARKS			SURVEY INFORMATION			ENGINEER'S SEAL		
CONTRACTOR CHAVA TRUCKING			ACB 10-1-9			DATE 4-25-95			NO. 7288		
WORK BY COA			THE NORTHEASTERN TURNPIKE IN THE INTERSECTION OF			BY GREINER			REMARKS		
DATE			98TH STREET AND CENTRAL AVENUE			DATE 4-25-95			DESIGN		
FIELD			N = 1,422,000.333 E = 362,782.376			DATE 4-25-95			DRAWN BY JAE		
DATE			ELEV = 8804.435			DATE 4-25-95			CHECKED BY MSH/PO		
DATE			ELEV = 8804.435			DATE 4-25-95			CITY OF ALBUQUERQUE		
DATE			ELEV = 8804.435			DATE 4-25-95			PUBLIC WORKS DEPARTMENT		
DATE			ELEV = 8804.435			DATE 4-25-95			ENGINEERING GROUP		
DATE			ELEV = 8804.435			DATE 4-25-95			TITLE: AMOLE DEL NORTE STORM DIVERSION FACILITIES - PHASE III		
DATE			ELEV = 8804.435			DATE 4-25-95			98TH ST. STA. 3+85 TO STA. 13+66		
DATE			ELEV = 8804.435			DATE 4-25-95			STORM DRAIN		
DATE			ELEV = 8804.435			DATE 4-25-95			APPROVALS		
DATE			ELEV = 8804.435			DATE 4-25-95			ENGINEER		
DATE			ELEV = 8804.435			DATE 4-25-95			DATE		
DATE			ELEV = 8804.435			DATE 4-25-95			DRC CHAIRMAN		
DATE			ELEV = 8804.435			DATE 4-25-95			TRANSPORTATION		
DATE			ELEV = 8804.435			DATE 4-25-95			HYDROLOGY		
DATE			ELEV = 8804.435			DATE 4-25-95			DRAWING NO. 4076.92		
DATE			ELEV = 8804.435			DATE 4-25-95			MAP NO. K-9		
DATE			ELEV = 8804.435			DATE 4-25-95			SHEET 9		
DATE			ELEV = 8804.435			DATE 4-25-95			OF 15		

**SEE SECTIONS 501 & 601 OF THE SPECIFICATIONS
FOR ALL EARTHWORK PROCEDURES**



**SEE SECTIONS 501 & 601 OF THE SPECIFICATIONS
FOR ALL EARTHWORK PROCEDURES**



- # CUT OFF TRENCH NORTH POND PROFILE

CUT OFF TRENCH SOUTH POND PROFILE

SECTION

SCALE: HORIZ. 1" = 20'
VERT. 1" = 5'

BENCH MARK
ACS 10-L-9 ALUMINUM CAP SET IN
CONCRETE—CURB ON THE
NORTHEASTERLY TURN ISLAND IN
THE INTERSECTION OF 90th STREET
AND CENTRAL AVENUE.
N = 1,482,085.203 E = 352,792.376
ELEV. = 5204.425

Greiner Engineering

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: AMOLE DEL NORTE STORM DIVERSION FACILITIES - PHASE I & C
TIERRA BAYTA DRAINAGE FACILITIES
MISCELLANEOUS PROFILES & SECTIONS II

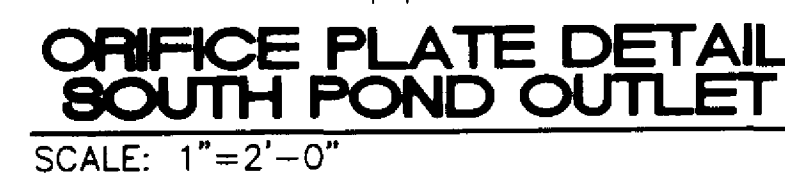
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN	R.P. Soling	5/2/95	WATER	W.A. Pugh	
TRANSPORTATION	N.B. Pugh	9/26/95	WASTEWATER		
HYDROLOGY	S. Boling	4/24/95			

DRAWING NO.	4076.92	MAP NO.	K-9	SHEET	11	OF	15
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RECEIVED

OFFICE OF STATE ENGINEER

C:\CADD\G1108POND



WEIR WALL OPENING
NOT TO SCALE



1. PAINT TRASH RACK AND ORIFICE PLATES DARK BROWN.
2. EXPOSED STRUCTURAL CONCRETE SHALL BE TINTED PER SPEC. SECTION 180.
3. ORIFICE PLATE SHALL BE 1/2" STEEL AND BOLTED TO WALL.

3. RECORD DRAWINGS
THESE DRAWINGS HAVE BEEN REVISED TO REFLECT AS-CONSTRUCTED CONDITIONS FOR STORM DIVERSION FACILITIES IN ACCORDANCE WITH INFORMATION FURNISHED BY THE CONTRACTOR (CHAVA TRUCKING) AND THE CITY OF ALBUQUERQUE WHICH PERFORMED ON-SITE INSPECTION AND SURVEY DURING CONSTRUCTION.

12-15-97

Greiner, Inc.

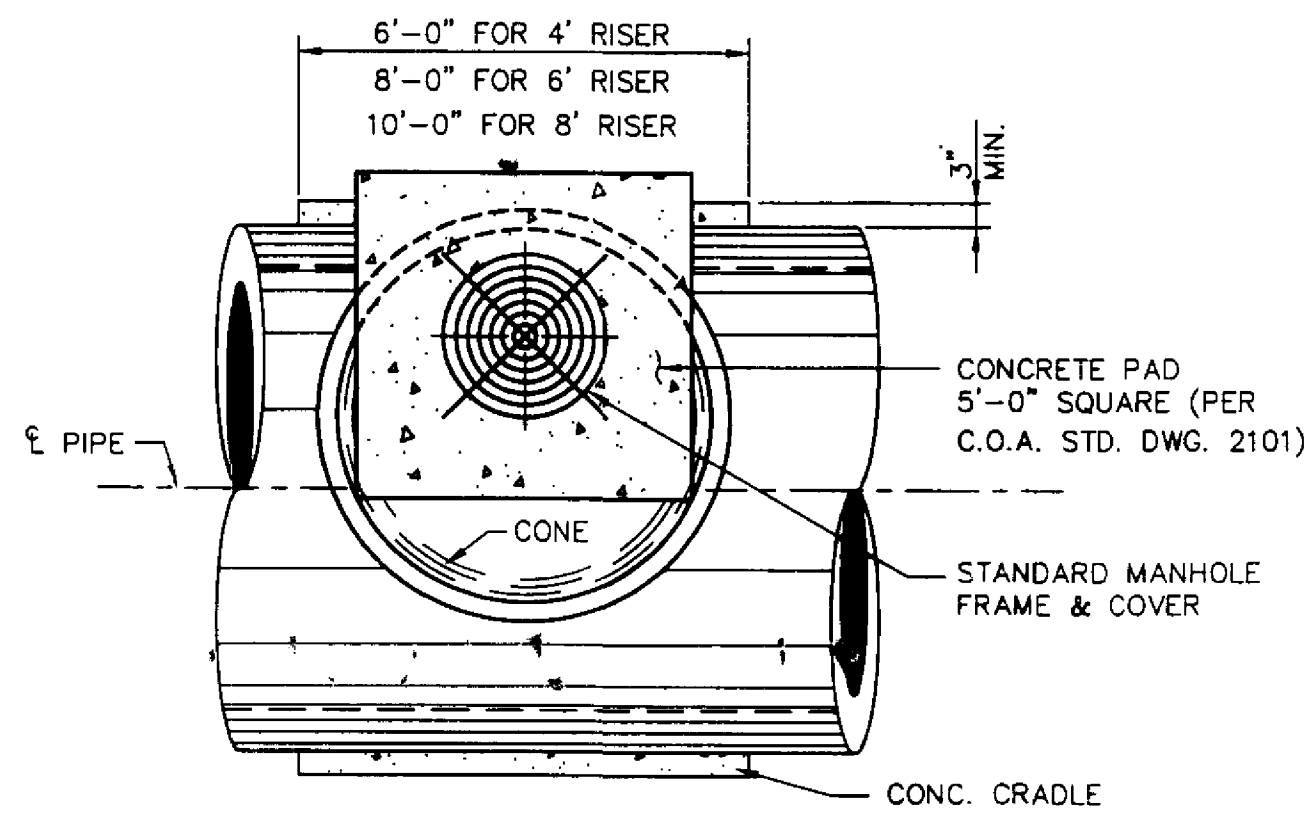
CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: AMOLE DEL NORTE STORM DIVERSION FACILITIES-PHASE III
TIERRA BAYITA DRAINAGE FACILITIES

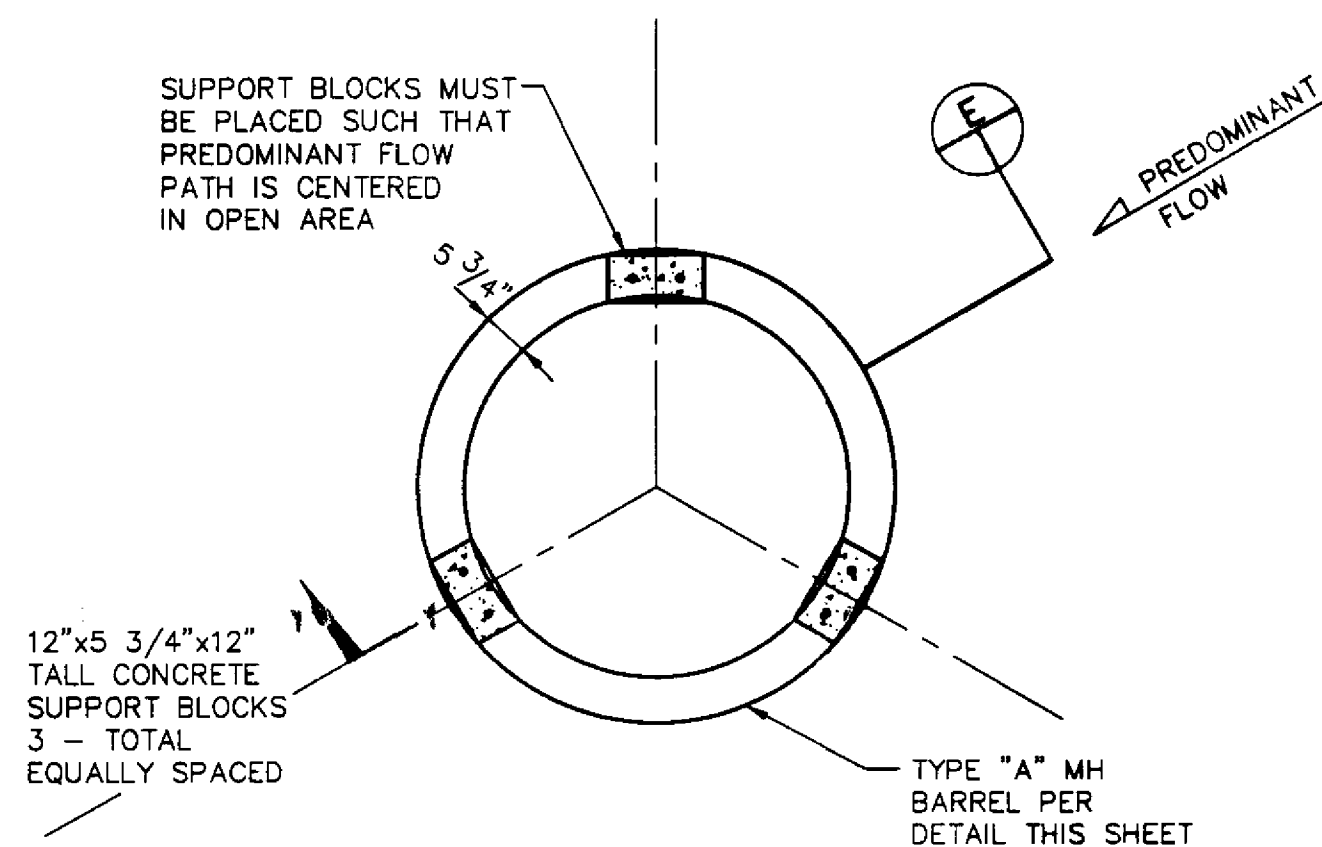
SOUTH POND OUTLET DETAILS

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC Chairman	<i>B. G. Goble</i>	<i>5-12-95</i>	Water	<i>MA 028</i>	
Transportation	<i>MA 140</i>	<i>4-26-95</i>	Waste Water	"	
Hydrology	<i>S. Boling</i>	<i>4-24-95</i>	"		

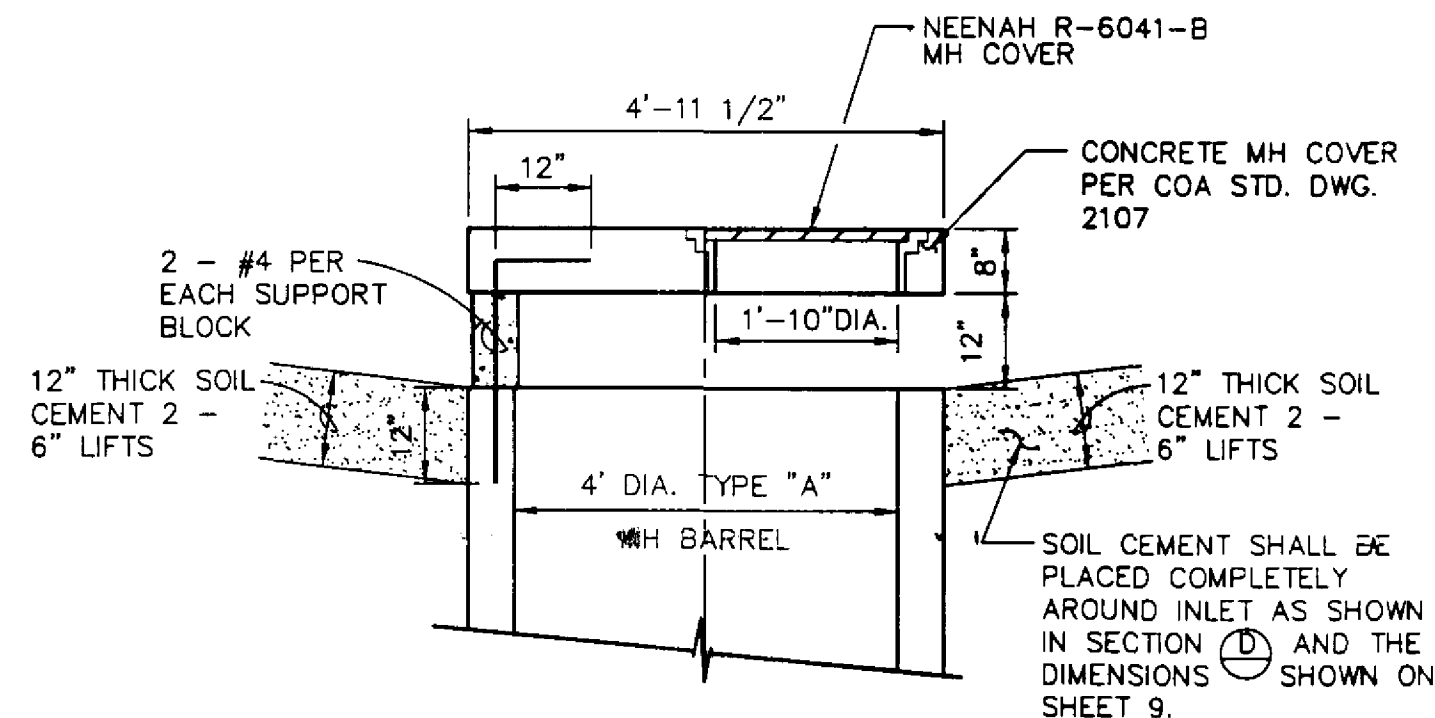
DRAWING NO.	4076.92	MAP NO. K-9	SHEET 12 OF 15
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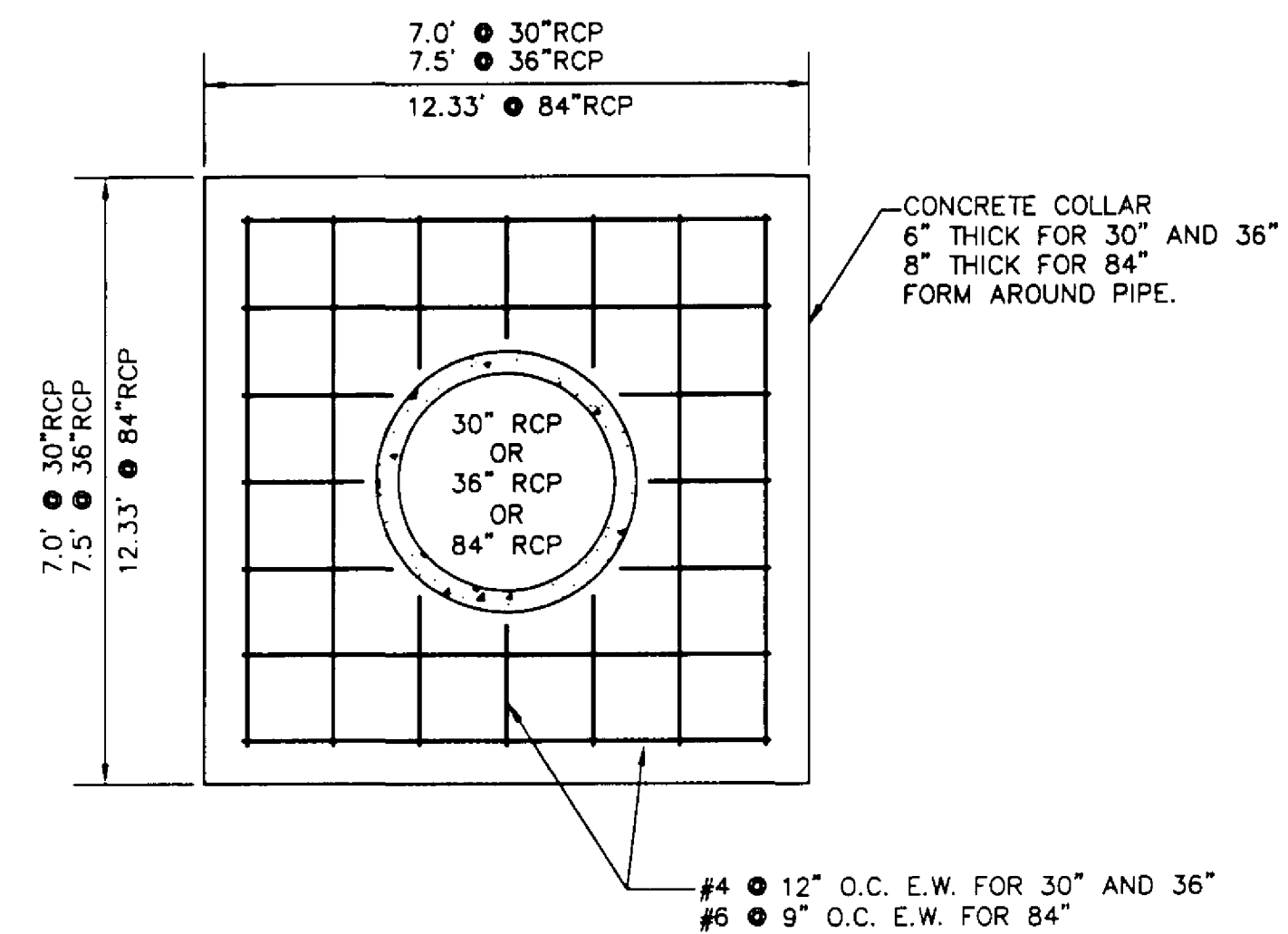
TYPE 'A' MANHOLE PLAN
NOT TO SCALE



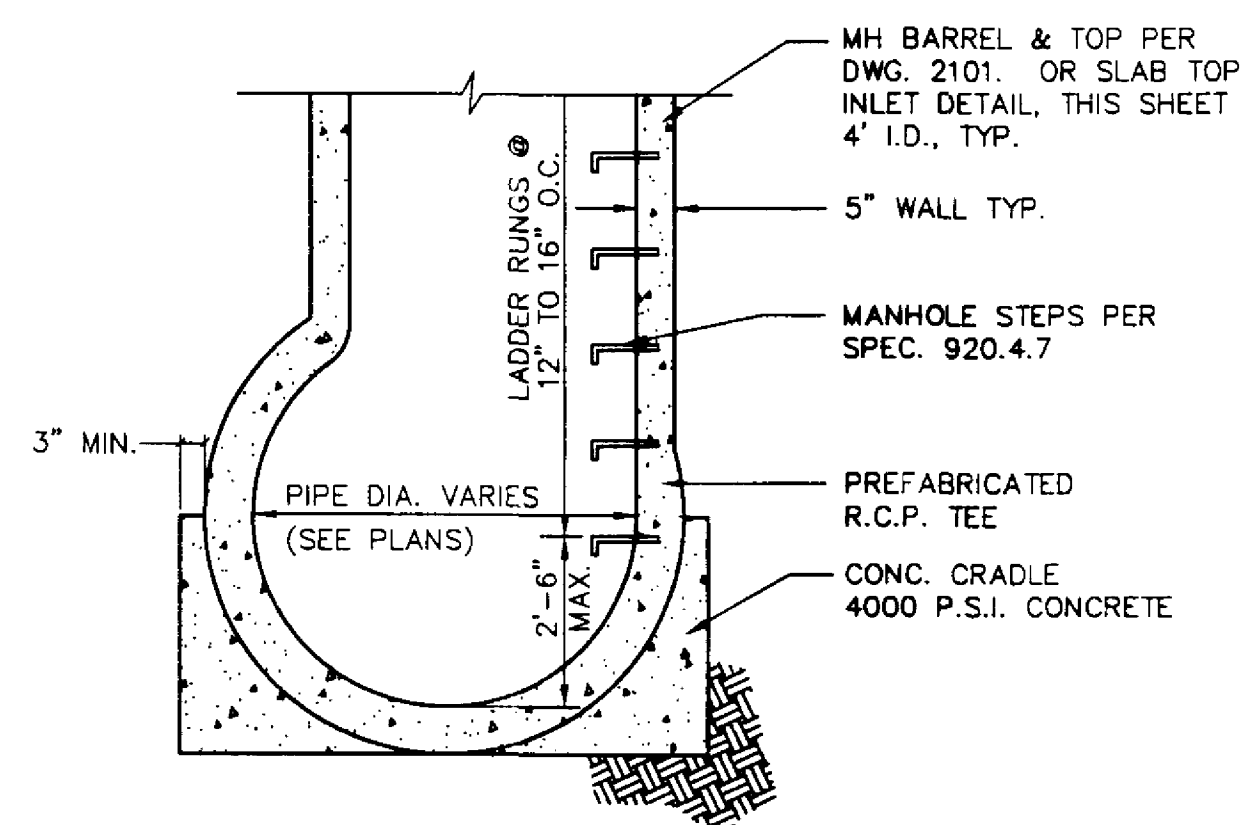
SLAB TOP INLET DETAIL
SCALE: 1" = 2'



SECTION
SCALE: 1" = 2'

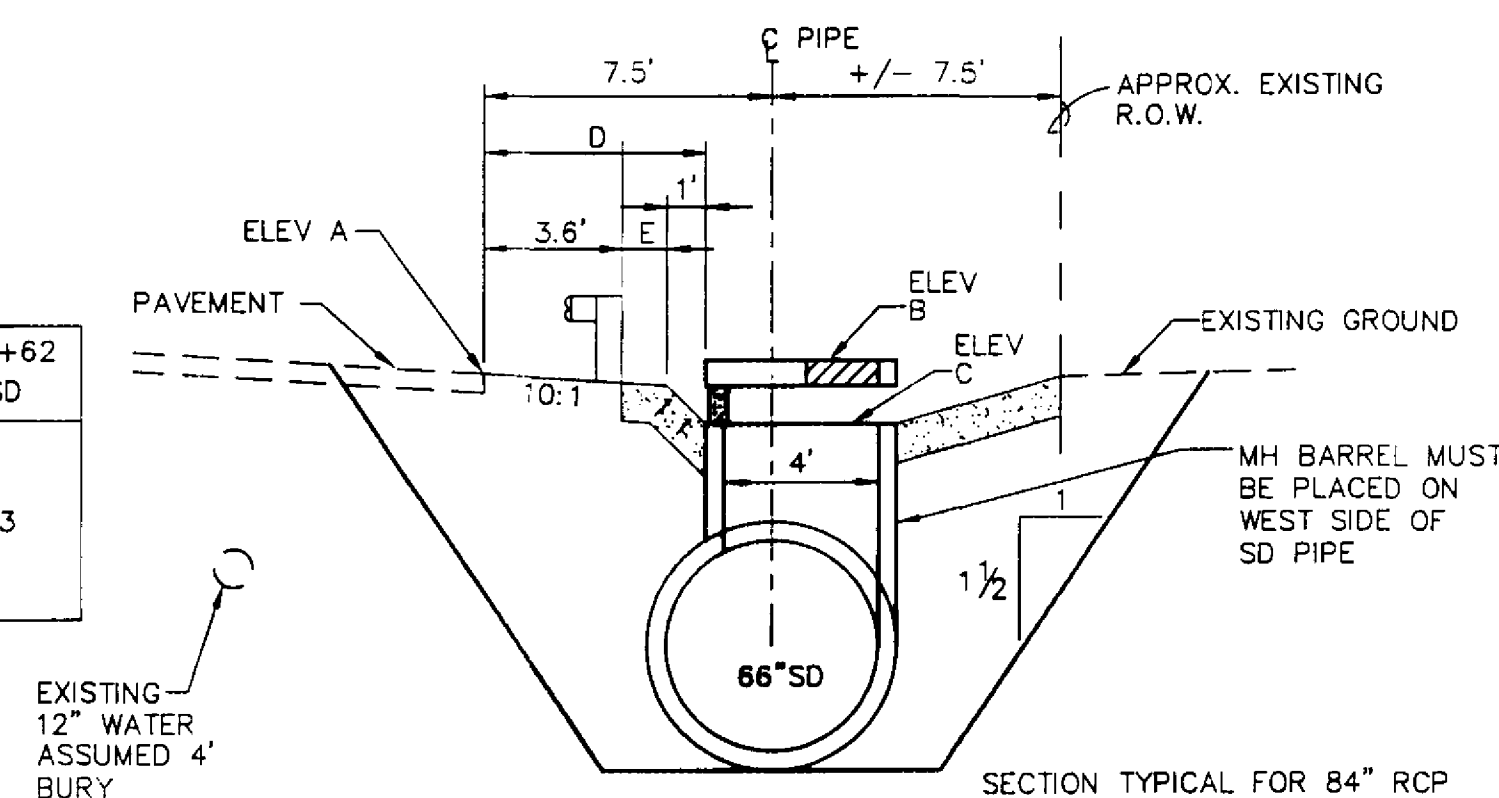


CONCRETE COLLAR DETAIL
NOT TO SCALE

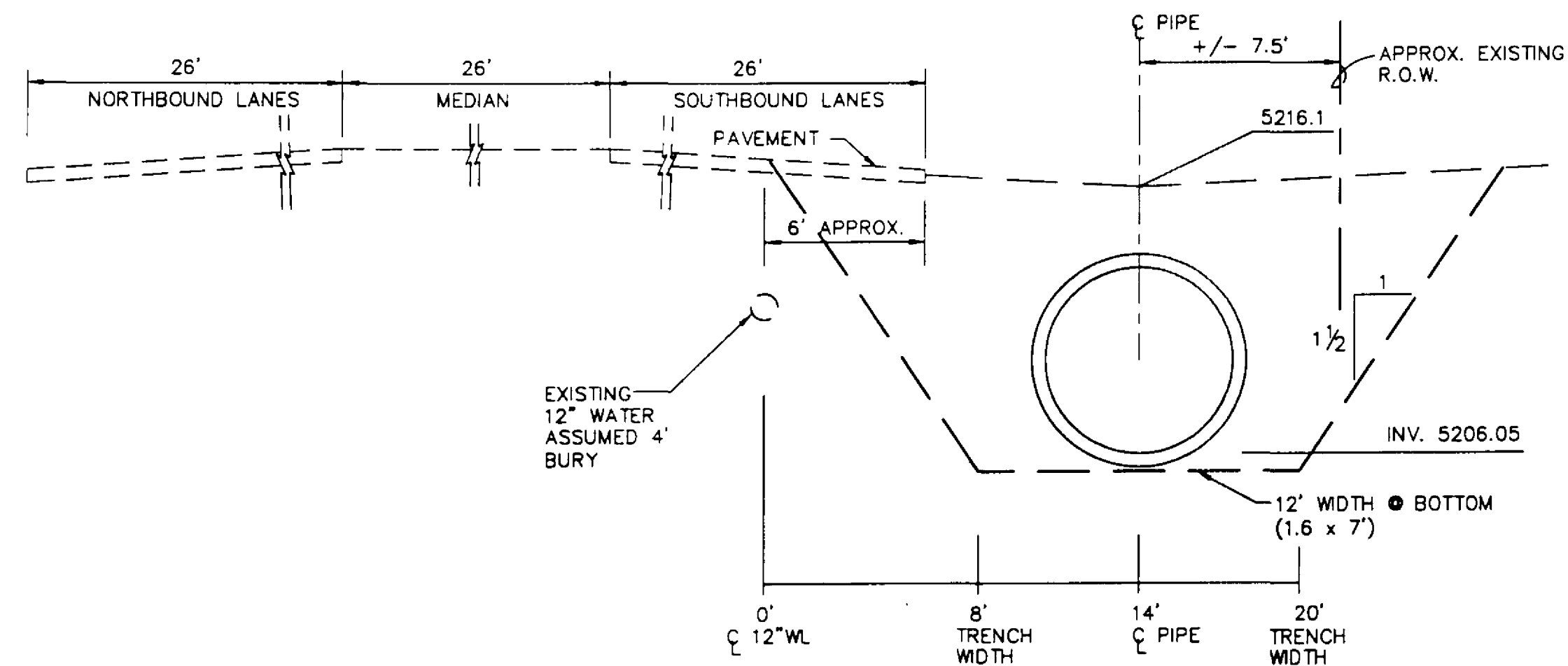


TYPE 'A' MANHOLE PROFILE
NOT TO SCALE

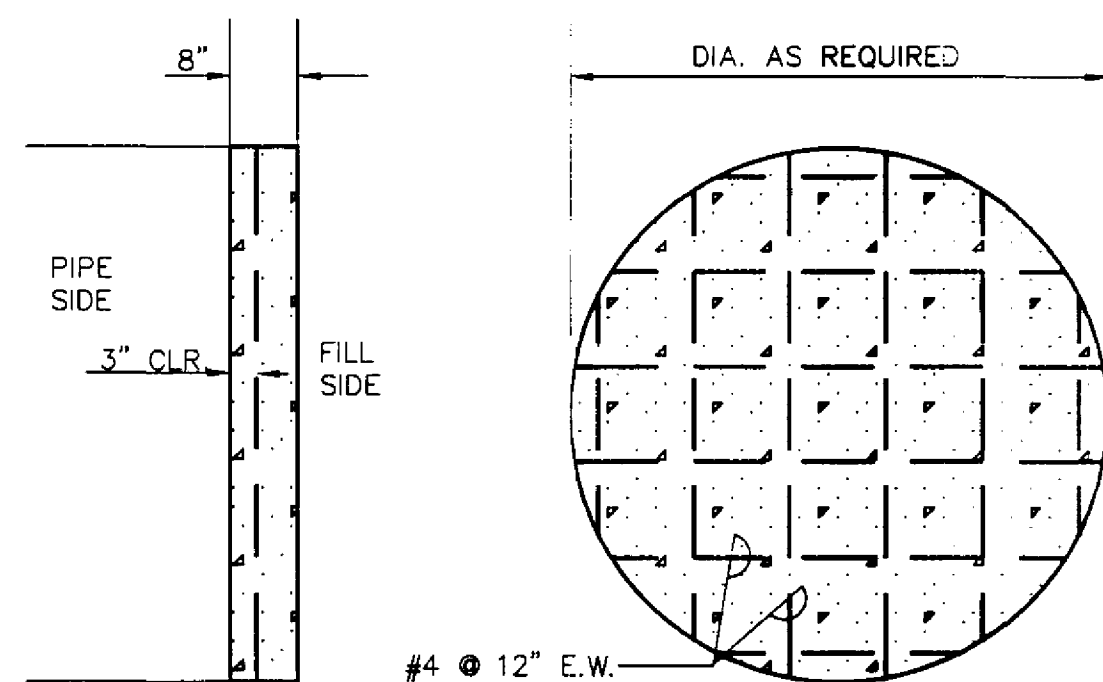
	STA. 12+62 @ 84"SD	STA. 13+62 @ 66"SD
A	5216.1	5215.8
B	5216.3	5216.0
C	5214.63	5214.33
D	6.52'	5.77'
E	1.92'	1.17'



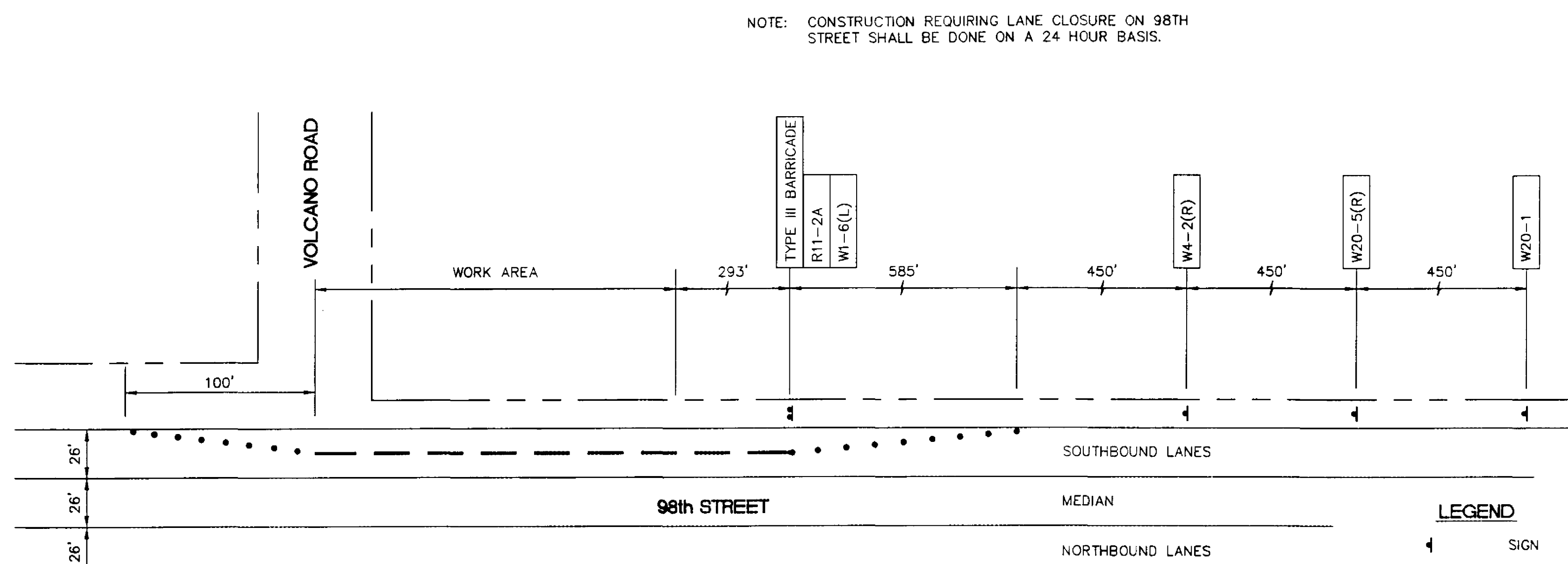
GUARDRAIL/INLET PLACEMENT
SCALE: HZ. 1" = 5'
VT. 1" = 5'



SECTION
SCALE: 1" = 5'



PIPE PLUG DETAIL
SCALE: 1/2" = 1'



**98th STREET AT VOLCANO ROAD
RIGHT LANE CLOSURE**
SCALE: 1" = 50'

LEGEND

1	SIGN
•	BARRICADE - TYPE I, TYPE II, OR A BARREL
1	BARRICADE - TYPE III
---	PRECAST CONC. WALL BARRIER PER NMSHTD SERIAL CWB-75

RECORD DRAWINGS
THESE DRAWINGS HAVE BEEN REVISED TO REFLECT AS-CONSTRUCTED CONDITIONS FOR STORM DIVERSION FACILITIES IN ACCORDANCE WITH INFORMATION FURNISHED BY THE CONTRACTOR (CHAVA TRUCKING) AND THE CITY OF ALBUQUERQUE WHICH PERFORMED ON-SITE INSPECTION AND SURVEY DURING CONSTRUCTION.

Mark 12-15-97

Greiner, Inc.

CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING DIVISION					
TITLE: AMOLE DEL NORTE STORM DIVERSION FACILITIES-PHASE IIIC TERRA BAYITA DRAINAGE FACILITIES					
TRAFFIC CONTROL & MISCELLANEOUS DETAILS					
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
D.R.C. Chairman	<i>[Signature]</i>	5-12-95	Water	<i>[Signature]</i>	
Transportation	<i>[Signature]</i>	4-24-96	Wastewater		
Hydrology	<i>[Signature]</i>	4-24-95			
DESIGNED BY: M.S.H. DATE: 10/90					
DRAWN BY: J.L.R./P.J.R./P.D.S. DATE: 3/94					
CHECKED BY: M.S.H./P.O. DATE: 2/95					
DRAWING NO.	4076.92	MAP NO.	K-9	SHEET	13 OF 15

APPLICATION NO. 412-9

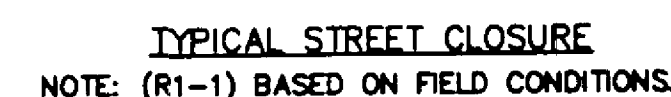
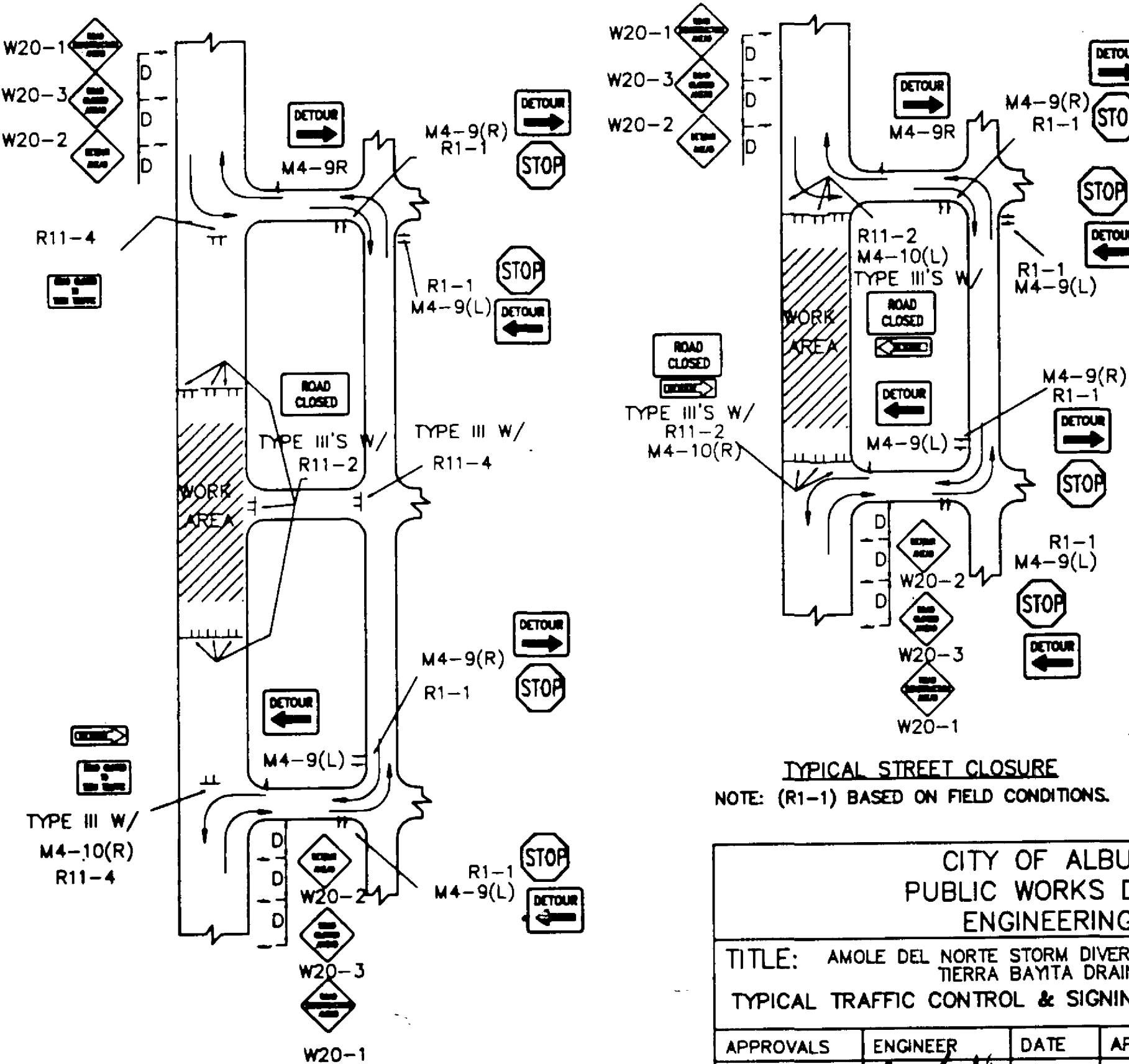
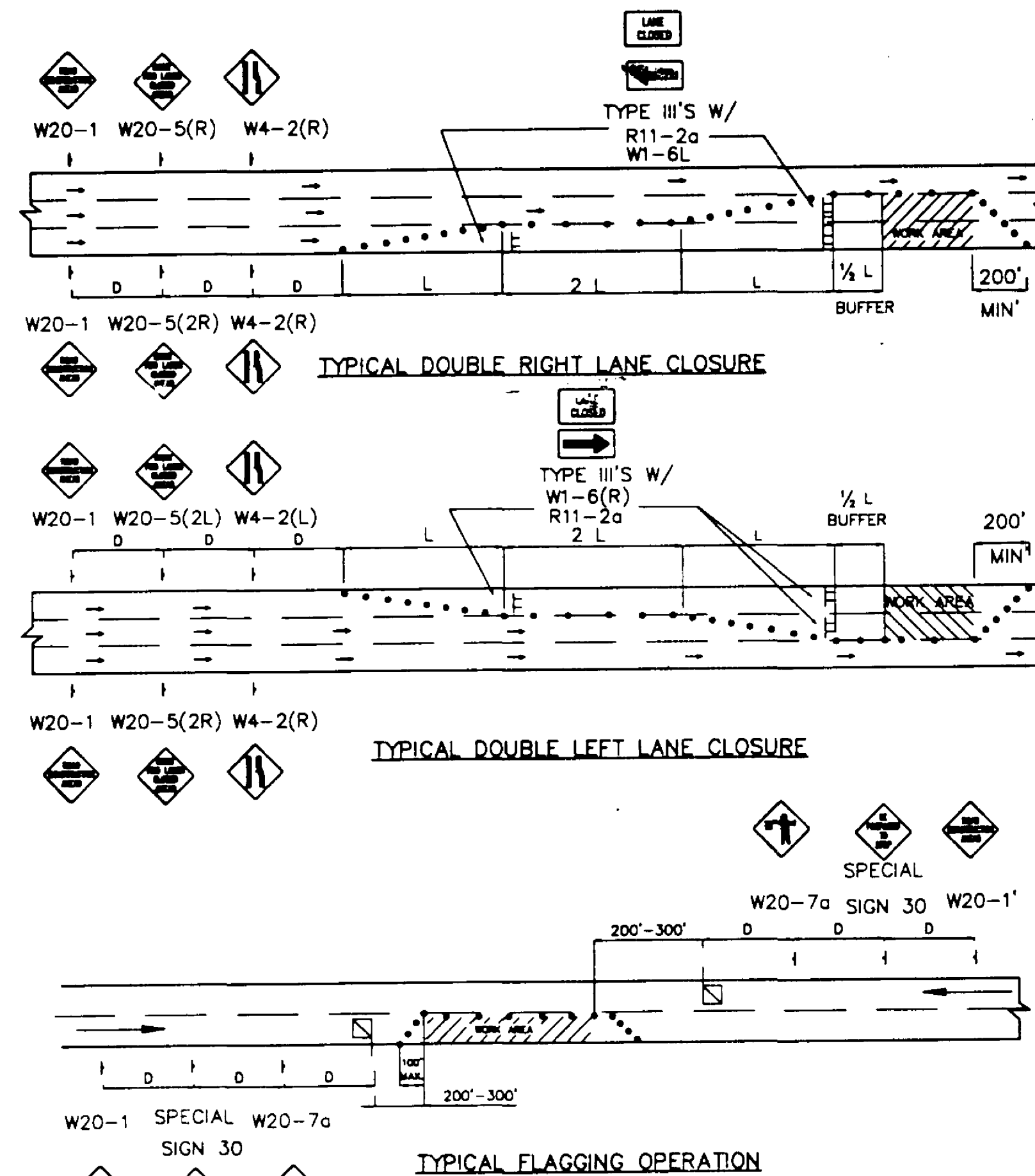
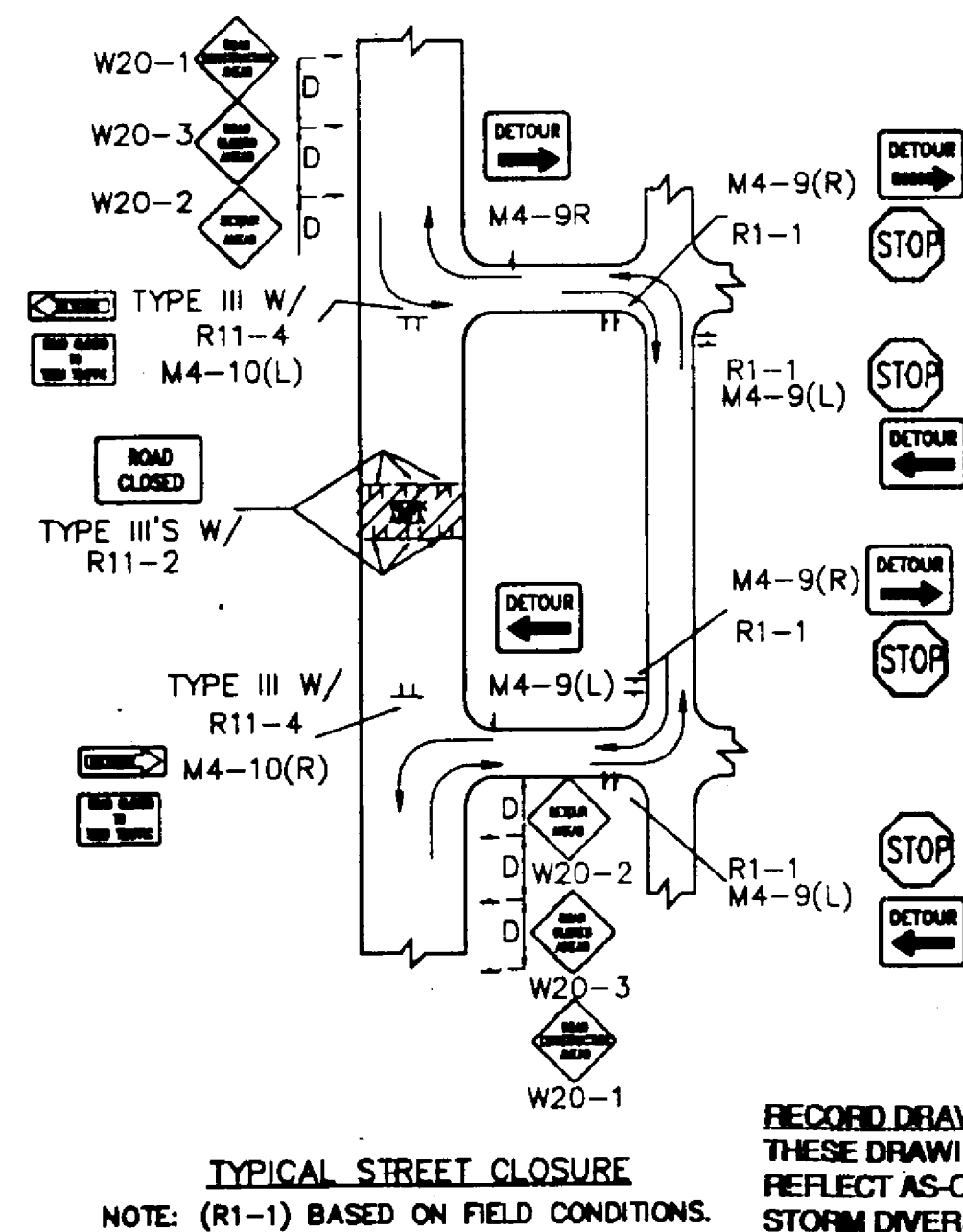
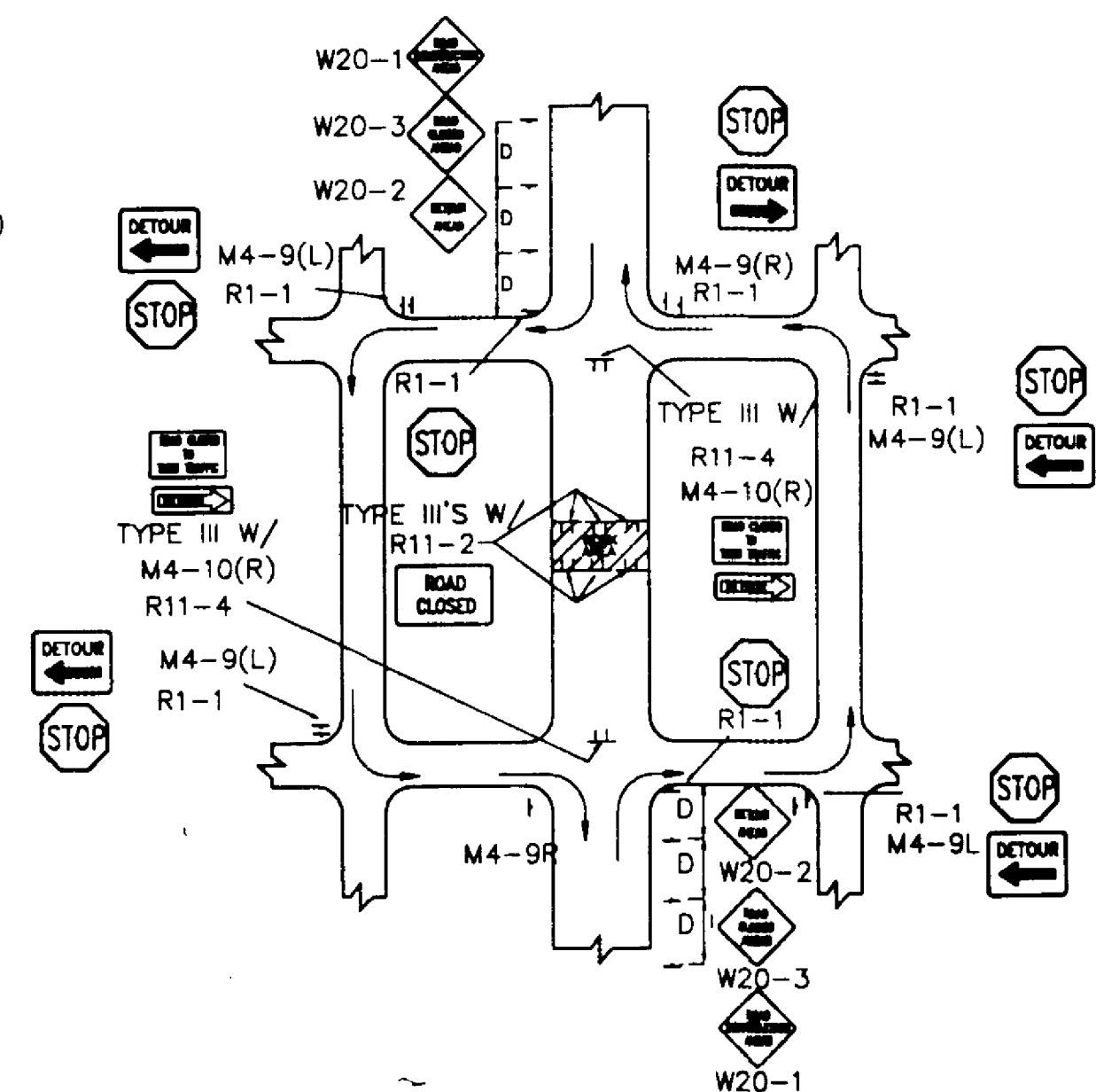
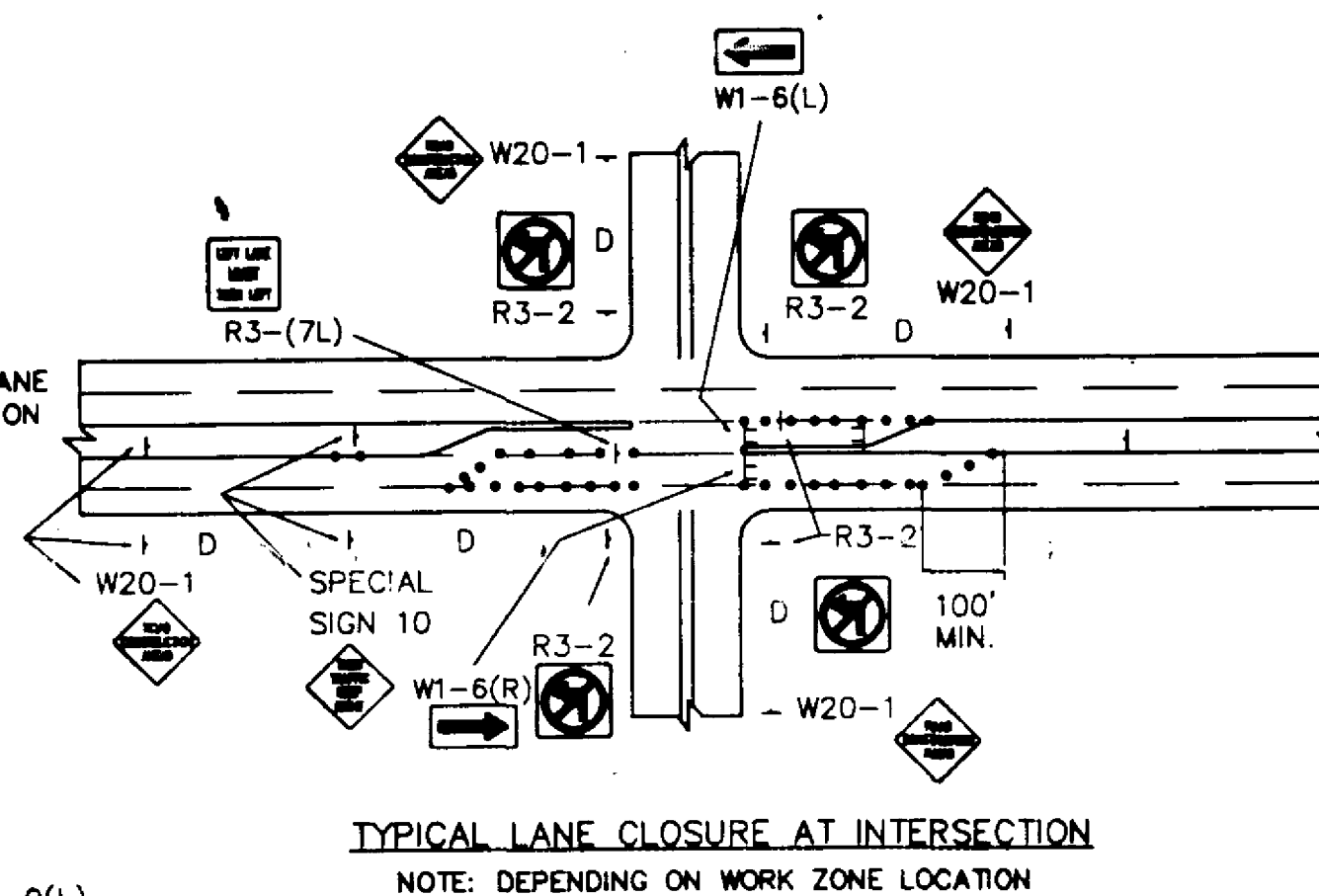
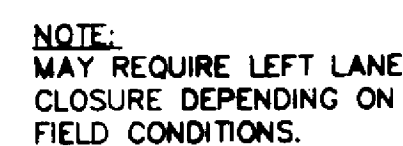
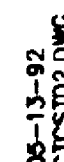
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CITY OF ALBUQUERQUE

P:\ADP\G110627

APPLICATION NO 4629
RECEIVED
OFFICE OF STATE ENGINEER
STATE OF NEW YORK

- 88-11-92

CITY OF ALBUQUERQUE					
PUBLIC WORKS DEPARTMENT					
ENGINEERING GROUP					
TITLE: AMOLE DEL NORTE STORM DIVERSION FACILITIES--PHASE IIIC TERRA BAYITA DRAINAGE FACILITIES					
SIGNING AND CONSTRUCTION TRAFFIC CONTROL STANDARDS					
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
ORC CHAIRMAN	<i>S. G. Boley</i>	5-12-95	WATER	<i>NA</i>	
TRANSPORTATION	<i>NA</i>	4-26-95	WASTE WATER	"	
HYDROLOGY	<i>S. Boley</i>	4-24-95			
PROJECT NO.		MAP NO.		SHEET OF	
4076.92		K-9		14 15	



RECORD DRAWINGS
THESE DRAWINGS HAVE BEEN REVISED TO REFLECT AS-CONSTRUCTED CONDITIONS FOR STORM DIVERISION FACILITIES IN ACCORDANCE WITH INFORMATION FURNISHED BY THE CONTRACTOR (GILHAUS TRUCKING) AND THE CITY OF ALBUQUERQUE WHICH PERFORMED ON-SITE INSPECTION AND SURVEY DURING CONSTRUCTION.

TYPICAL STREET CLOSURE
(R1-1) BASED ON FIELD CONDITIONS.

QUERQUE PARTMENT GROUP		ON FACILITIES—PHASE IIIC GE FACILITIES EXAMPLES (REF. M.U.T.C.D.)	
ROVALS ER TE WATER	ENGINEER 	DATE	
NO. DATE REMARKS BY		DESIGN	
REVISIONS		DESIGNED BY RICARDO ROYBAL, P.E. DATE NOV. 1991 DRAWN BY C.A.D.D./M.L.B./A.F.V. DATE NOV. 1991	
ENGINEER'S SEAL 		SURVEY INFORMATION FIELD NOTES NO. BY DATE	
BENCH MARKS		AS BUILT INFORMATION CONTRACTOR CHAVEZ TRACKING DATE SIGNED BY COA DATE INSPECTOR'S DATE PHOTO TAKEN BY COA DATE INFORMATION BY COA DATE CORRECTED BY ZIRSG DATE 8/97 MICRO-FILM INFORMATION RECORDED BY DATE NO.	