

CITY OF ALBUQUERQUE

Planning Department
Brennon Williams, Director



Mayor Timothy M. Keller

October 12, 2020

Ronald Bohannon, P.E.
Tierra West, LLC
5571 Midway Park Place NE
Albuquerque, NM, 87109

**RE: Rio Grande & I-40
1100 Rio Grande Blvd NW
Conceptual Grading & Drainage Plan
Engineer's Stamp Date: 09/29/20
Hydrology File: H13D109**

Dear Mr. Bohannon:

PO Box 1293

Albuquerque

NM 87103

www.cabq.gov

Based upon the information provided in your submittal received 10/02/2020, the Conceptual Grading & Drainage Plan **is not** approved for action by the DRB on Site Plan for Building Permit. The following comments need to be addressed for approval of the above referenced project:

1. Please provide an engineer's stamp with a signature and date on all sheets.
2. Please add the word "Conceptual" to the sheets title and add a note stating "Not for Construction".
3. The site must demonstrate adequate downstream capacity per § 14-5-2-12(G) of the Albuquerque Code of Ordinances. This site is attempting to drain into a MRGCD facility, Alameda Drain please see comment #5.
4. Since this site is in the Valley region, please follow Article 6-5 Valley Drainage Criteria of the DPM. The following conditions must be applied to the site:
 - The maximum percent impervious of the lot and the contributing area may not be greater than 45%.
 - Pad elevation shall be a minimum of one (1) foot above the 100 year 10-day stormwater surface elevation.
 - The flow between the front yard and back yard cannot be obstructed. The stormwater must be allowed to equalize to the same level between the front yard and back yard.
 - A permanent perimeter wall or barrier around the development is required to contain the 100 year 24 hour storm developed runoff.
 - The high point of the street should be four inches above the 100 year 10-day stormwater surface elevation.

CITY OF ALBUQUERQUE

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5. Since this project is attempting to drain into a Middle Rio Grande Conservancy District (MRGCD) facility, approval and licensing agreement by MRGCD will be need prior to Hydrology approval. Please contact Alicia Lopez P.E., Engineering and Mapping Manager (alicia@mrgcd.us or 505-263-0983).
6. For all sections, please provide a line showing the property line and label MRGCD's Alameda Drain.
7. In the proposed drive at the property line between this property and the existing Range Café, please provide a water block so that the drainage from the proposed development does not enter the existing drainage of the Range Café.
8. As a reminder, if the project total area of disturbance (including the staging area and any work within the adjacent Right-of-Way) is 1 acre or more, then an Erosion and Sediment Control (ESC) Plan and Owner's certified Notice of Intent (NOI) is required to be submitted to the Stormwater Quality Engineer (Doug Hughes, PE, jhughes@cabq.gov , 924-3420) 14 days prior to any earth disturbance.
9. Standard review fee of \$300 (for DRB Site) will be required at the time of resubmittal.

PO Box 1293

Albuquerque

If you have any questions, please contact me at 924-3995 or rbrissette@cabq.gov.

NM 87103

Sincerely,

Renée C. Brissette

www.cabq.gov

Renée C. Brissette, P.E. CFM
Senior Engineer, Hydrology
Planning Department



City of Albuquerque

Planning Department
Development & Building Services Division

DRAINAGE AND TRANSPORTATION INFORMATION SHEET (REV 6/2018)

Project Title: Rio Grande & I-40 **Building Permit #:** _____ **Hydrology File #:** _____
DRB#: _____ **EPC#:** _____ **Work Order#:** _____
Legal Description: TRS 230A, 230B, 230C, 231A1, 231A2, 231B1, 231B2, 231B3, & 234A
City Address: 1100 Rio Grande Blvd NW Albuquerque NM

Applicant: Tierra West, LLC **Contact:** Luis Noriega
Address: 5571 Midway Park NE Albuquerque NM 87109
Phone#: 505-858-3100 **Fax#:** 505-858-1118 **E-mail:** lnoriega@tierrawestllc.com

Other Contact: _____ **Contact:** _____
Address: _____
Phone#: _____ **Fax#:** _____ **E-mail:** _____

TYPE OF DEVELOPMENT: _____ PLAT (# of lots) _____ RESIDENCE ☒ DRB SITE _____ ADMIN SITE _____

IS THIS A RESUBMITTAL? _____ Yes ☒ No

DEPARTMENT _____ TRANSPORTATION ☒ HYDROLOGY/DRAINAGE

Check all that Apply:

TYPE OF SUBMITTAL:

- ☐ ENGINEER/ARCHITECT CERTIFICATION
- ☐ PAD CERTIFICATION
- ☐ CONCEPTUAL G & D PLAN
- ☒ GRADING PLAN
- ☒ DRAINAGE REPORT
- ☐ DRAINAGE MASTER PLAN
- ☐ FLOODPLAIN DEVELOPMENT PERMIT APPLIC
- ☐ ELEVATION CERTIFICATE
- ☐ CLOMR/LOMR
- ☐ TRAFFIC CIRCULATION LAYOUT (TCL)
- ☐ TRAFFIC IMPACT STUDY (TIS)
- ☐ STREET LIGHT LAYOUT
- ☐ OTHER (SPECIFY) _____
- ☐ PRE-DESIGN MEETING?

TYPE OF APPROVAL/ACCEPTANCE SOUGHT:

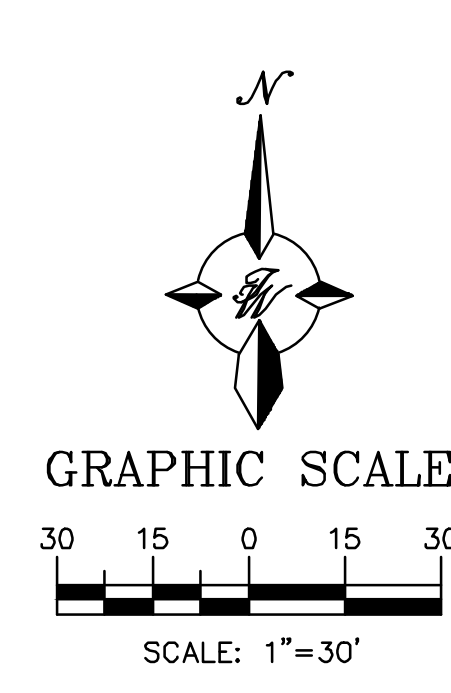
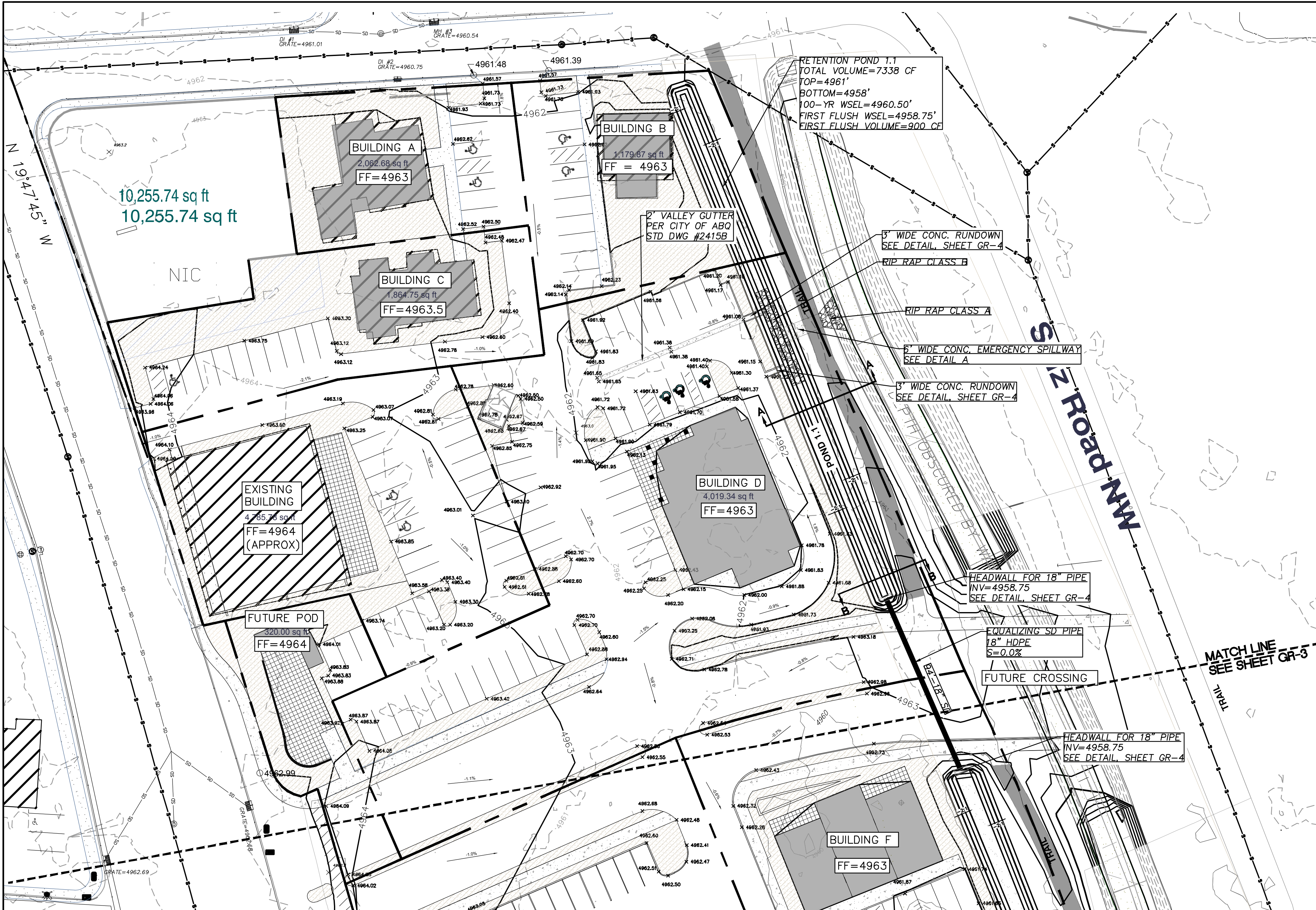
- ☐ BUILDING PERMIT APPROVAL
- ☐ CERTIFICATE OF OCCUPANCY
- ☐ PRELIMINARY PLAT APPROVAL
- ☐ SITE PLAN FOR SUB'D APPROVAL
- ☐ SITE PLAN FOR BLDG. PERMIT APPROVAL
- ☐ FINAL PLAT APPROVAL
- ☐ SIA/ RELEASE OF FINANCIAL GUARANTEE
- ☐ FOUNDATION PERMIT APPROVAL
- ☐ GRADING PERMIT APPROVAL
- ☐ SO-19 APPROVAL
- ☐ PAVING PERMIT APPROVAL
- ☐ GRADING/ PAD CERTIFICATION
- ☐ WORK ORDER APPROVAL
- ☐ CLOMR/LOMR
- ☐ FLOODPLAIN DEVELOPMENT PERMIT
- ☐ OTHER (SPECIFY) _____

DATE SUBMITTED: 9/29/20 **By:** Luis Noriega

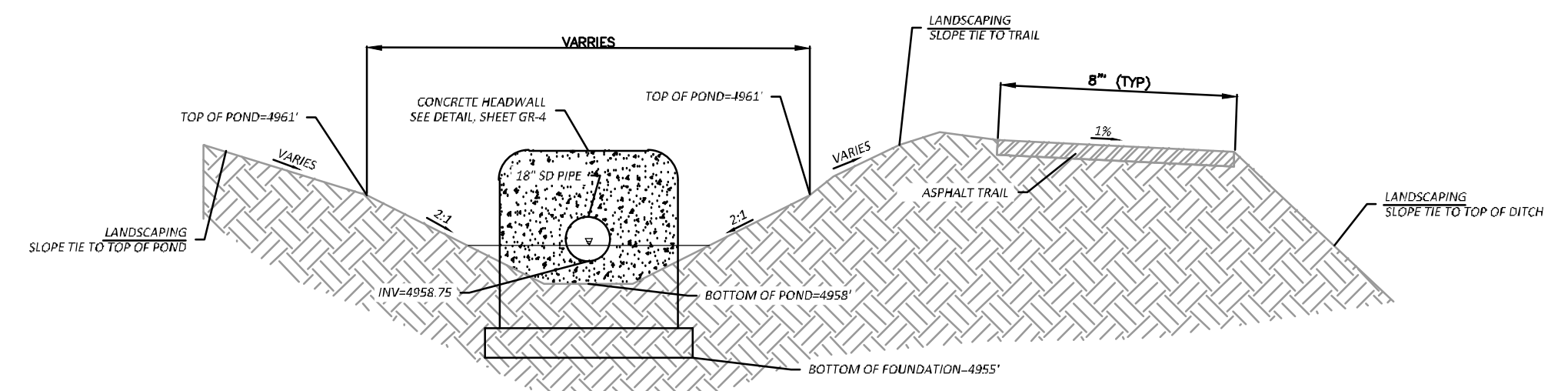
COA STAFF:

ELECTRONIC SUBMITTAL RECEIVED: _____

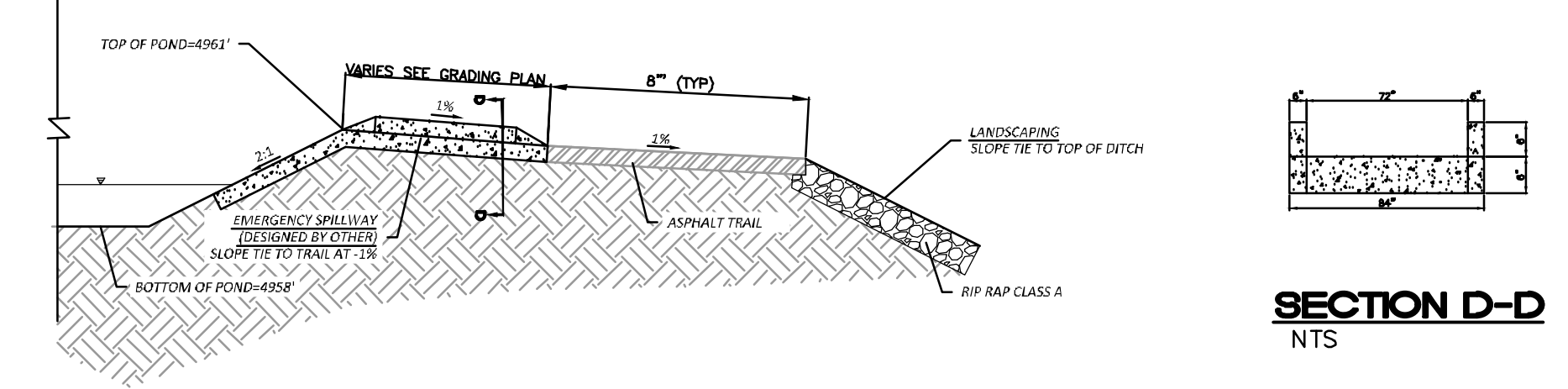
FEE PAID: _____



LEGEND	
	BOUNDARY LINE
	CONCRETE SIDEWALK
	LANDSCAPING
	TEXTURED PAVEMENT
	PROPOSED CONTOUR MAJOR
	PROPOSED CONTOUR MINOR
	PROPOSED SPOT ELEVATION
	PROPOSED FLOW ARROW
	CURB & GUTTER
	EX. STORM DRAIN MANHOLE
	EX. STORM DRAIN INLET
	EX. STORM DRAIN UTILITY LINE
	EXISTING CONTOUR MAJOR
	EXISTING CONTOUR MINOR
	EXISTING SPOT ELEVATION

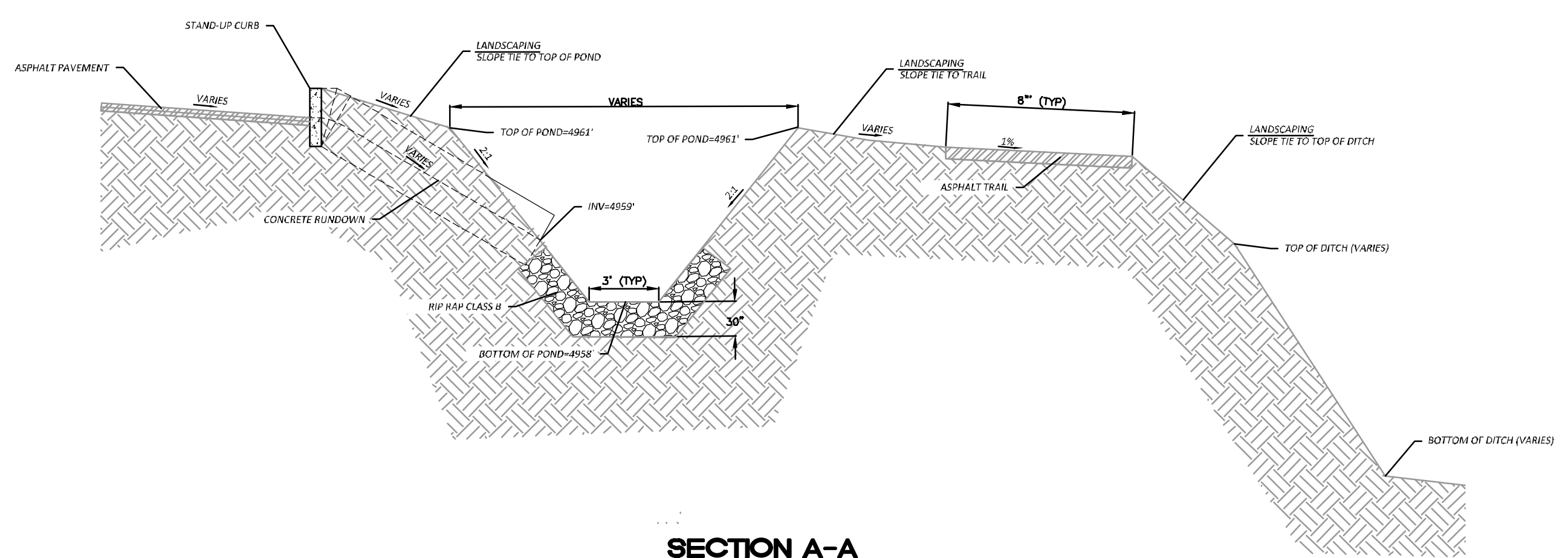


SECTION B-B
NTS



SECTION D-D
NTS

DETAIL A-POND 11 - 12 TYPICAL SPILLWAY DETAIL
NTS



SECTION A-A
NTS

EROSION CONTROL NOTES:

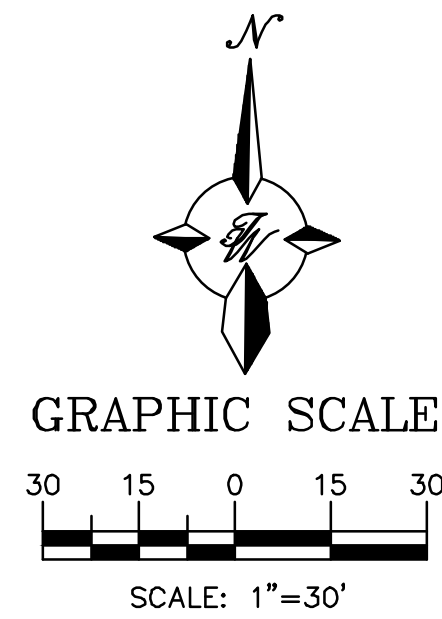
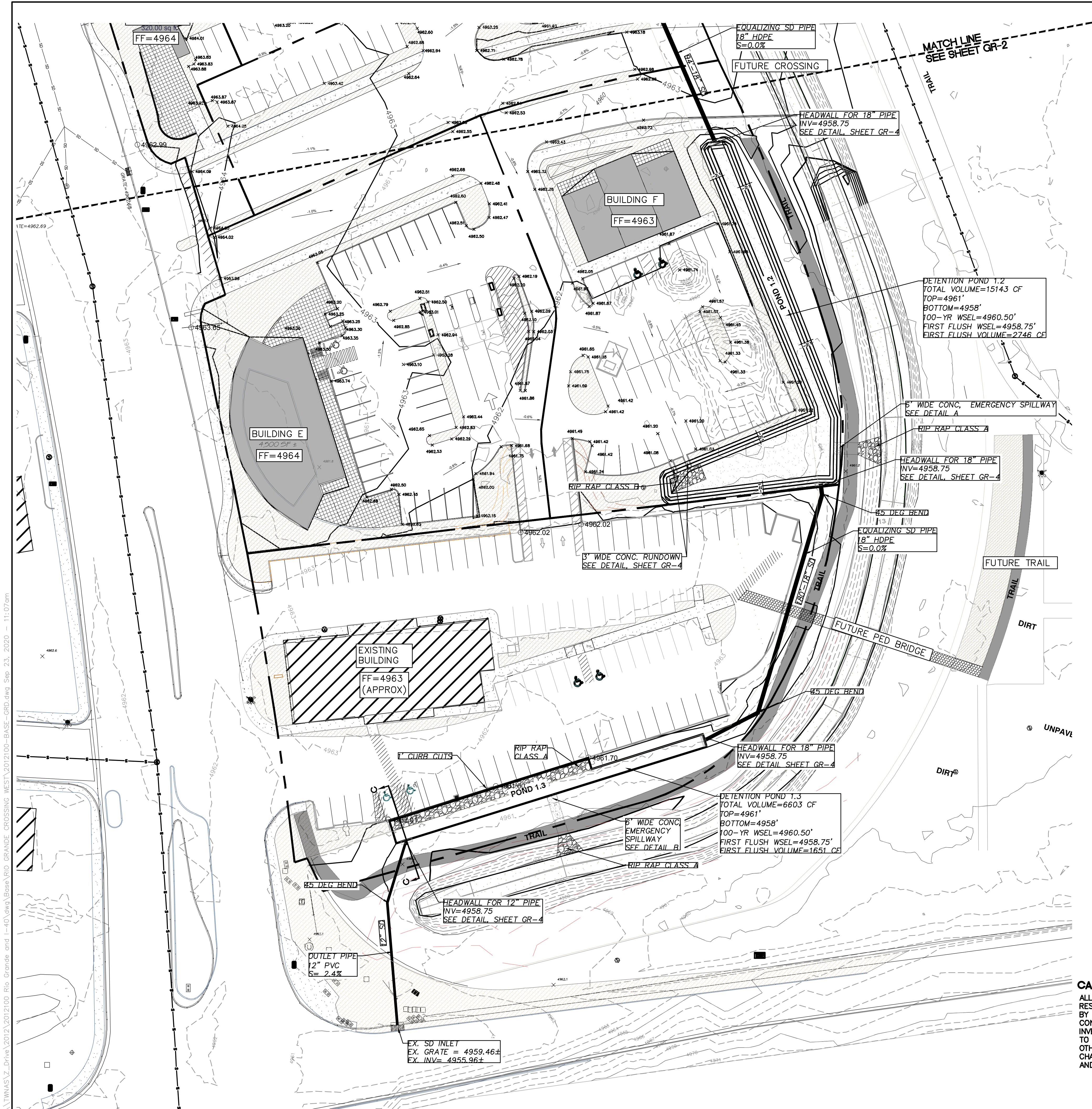
1. CONTRACTOR IS RESPONSIBLE FOR OBTAINING A TOPSOIL DISTURBANCE PERMIT PRIOR TO BEGINNING WORK.
2. CONTRACTOR IS RESPONSIBLE FOR MAINTAINING RUN-OFF ON SITE DURING CONSTRUCTION.
3. CONTRACTOR IS RESPONSIBLE FOR CLEANING ALL SEDIMENT THAT GETS INTO EXISTING RIGHT-OF-WAY.
4. REPAIR OF DAMAGED FACILITIES AND CLEANUP OF SEDIMENT ACCUMULATIONS ON ADJACENT PROPERTIES AND IN PUBLIC FACILITIES IS THE RESPONSIBILITY OF THE CONTRACTOR.
5. ALL EXPOSED EARTH SURFACES MUST BE PROTECTED FROM WIND AND WATER EROSION PRIOR TO FINAL (CITY) ACCEPTANCE OF ANY PROJECT.

CAUTION:

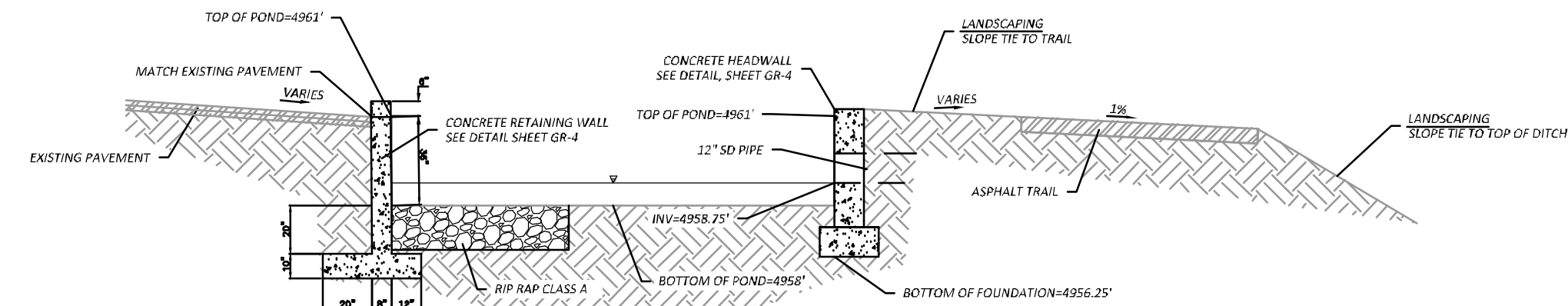
ALL EXISTING UTILITIES SHOWN WERE OBTAINED FROM RESEARCH, AS-BUILTS, SURVEYS OR INFORMATION PROVIDED BY OTHERS. IT SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO CONDUCT ALL NECESSARY FIELD INVESTIGATIONS PRIOR TO AND INCLUDING ANY EXCAVATION, TO DETERMINE THE ACTUAL LOCATION OF UTILITIES AND OTHER IMPROVEMENTS, PRIOR TO STARTING THE WORK. ANY CHANGES FROM THIS PLAN SHALL BE COORDINATED WITH AND APPROVED BY THE ENGINEER.

	ENGINEER'S SEAL	RIO GRANDE CROSSING WEST		DRAWN BY RG
	GRADING & DRAINAGE PLAN A	GRADING & DRAINAGE PLAN A		DATE 9-9-2020
		TERRA WEST, LLC 5571 MIDWAY PARK PL NE ALBUQUERQUE, NEW MEXICO 87109 (505) 858-3100 www.tierrawestllc.com		DRAWING 2012100-BASE-GRD
	RONALD R. BOHANNAN P.E. #7868	SHEET # GR-2		JOB # 2012100

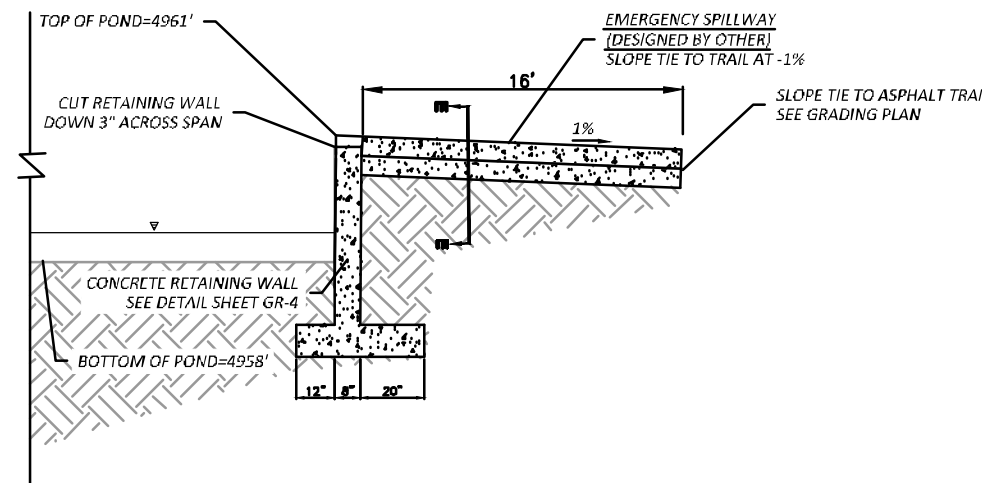
\\TNWASVZ Drive\2012\2012100 Rio Grande and I-40\Drawings\Rio Grande Crossing West\2012100--BASE--GRD.dwg, Sep 23, 2020 - 11:07am



LEGEND	
	BOUNDARY LINE
	CONCRETE SIDEWALK
	LANDSCAPING
	TEXTURED PAVEMENT
	PROPOSED CONTOUR MAJOR
	PROPOSED CONTOUR MINOR
	PROPOSED SPOT ELEVATION
	PROPOSED FLOW ARROW
	CURB & GUTTER
	EX. STORM DRAIN MANHOLE
	EX. STORM DRAIN INLET
	EX. STORM DRAIN UTILITY LINE
	EXISTING CONTOUR MAJOR
	EXISTING CONTOUR MINOR
	EXISTING SPOT ELEVATION



SECTION C-C
NTS



SECTION E-E
NTS

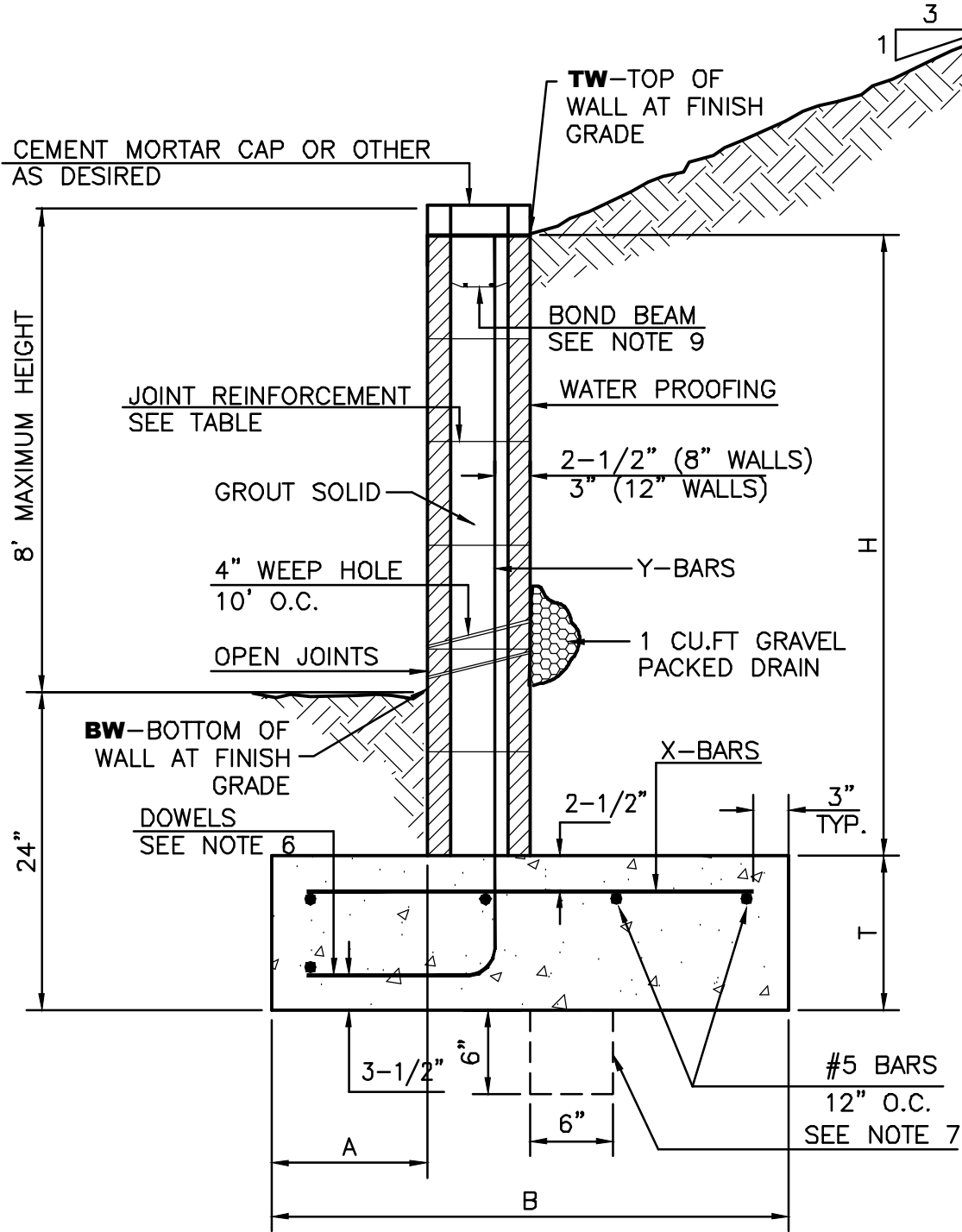
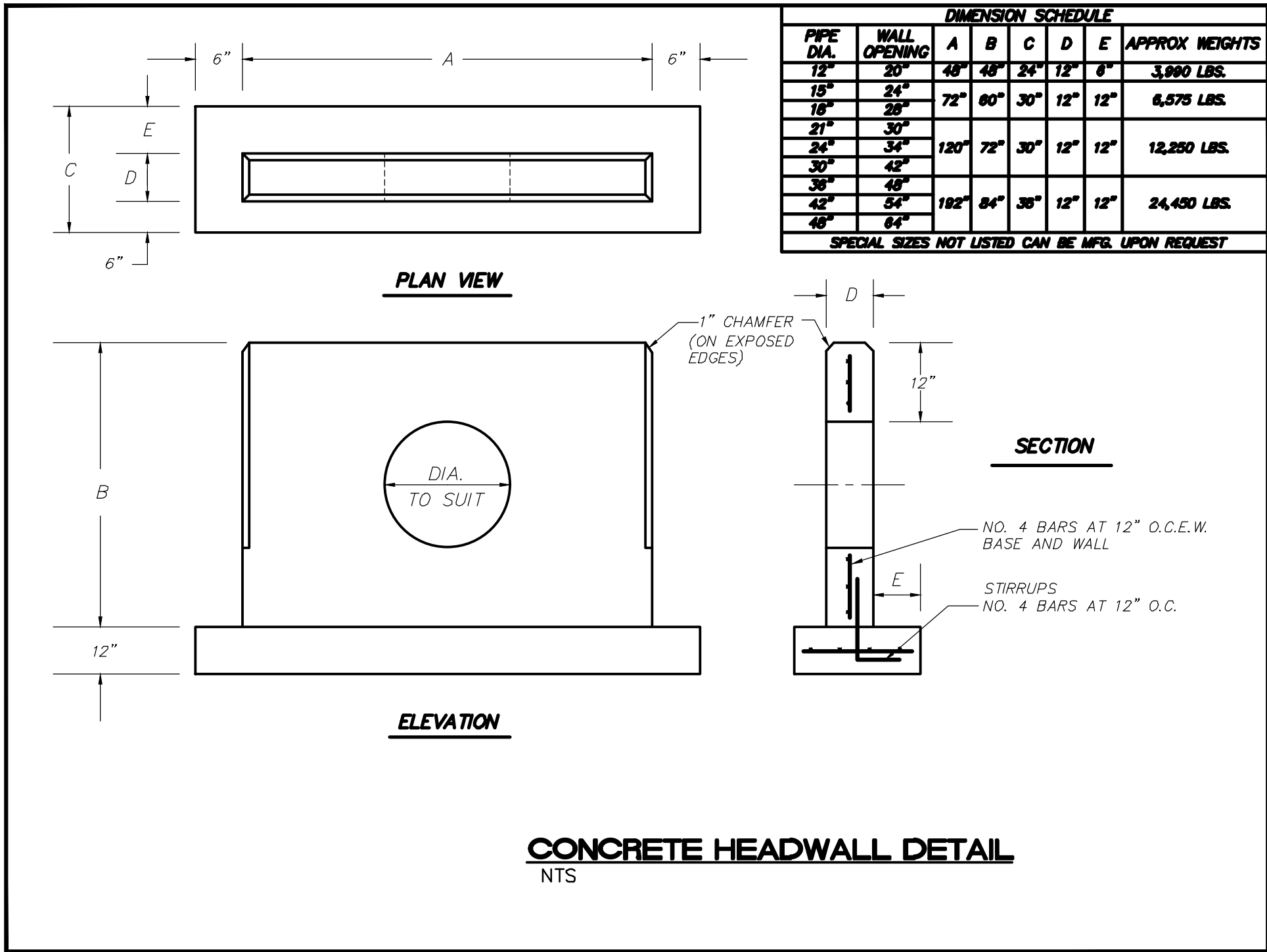
DETAIL B - POND 1.3 SPILLWAY DETAIL
NTS

EROSION CONTROL NOTES

1. CONTRACTOR IS RESPONSIBLE FOR OBTAINING A TOPSOIL DISTURBANCE PERMIT PRIOR TO BEGINNING WORK.
2. CONTRACTOR IS RESPONSIBLE FOR MAINTAINING RUN-OFF ON SITE DURING CONSTRUCTION.
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	RIO GRANDE CROSSING WEST	DRAWN BY RG
	GRADING & DRAINAGE PLAN B	DATE 9-9-2020
		DRAWING 2012100--BASE--GRD
	5571 MIDWAY PARK PL NE ALBUQUERQUE, NEW MEXICO 87109 (505) 858-3100 www.terrawestllc.com	SHEET # GR-3 JOB # 2012100



RETAINING WALL DETAIL
NTS

8 INCH REINFORCED CONCRETE MASONRY WALL

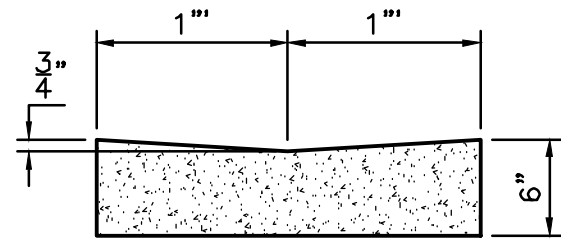
H	A	B	T	Y-BARS	X-BARS
ft.-in.	in.	ft.-in.	in.		
2'-0"	8"	2'-0"	9"	#4 @32" O.C.	#4 @24" O.C.
2'-8"	8"	2'-0"	9"	#4 @32" O.C.	#4 @24" O.C.
3'-4"	8"	2'-4"	9"	#4 @32" O.C.	#4 @24" O.C.
4'-0"	10"	2'-8"	9"	#4 @32" O.C.	#4 @24" O.C.
4'-8"	12"	3'-4"	10"	#5 @32" O.C.	#4 @18" O.C.
5'-4"	14"	3'-10"	10"	#6 @16" O.C.	#4 @18" O.C.
6'-0"	16"	4'-8"	12"	#6 @ 8" O.C.	#4 @12" O.C.

12 INCH REINFORCED CONCRETE MASONRY WALL

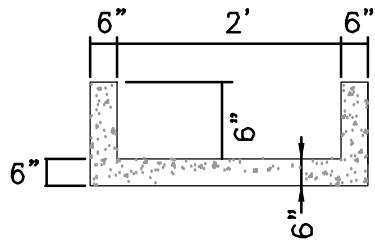
H	A	B	T	Y-BARS	X-BARS
ft.-in.	in.	ft.-in.	in.		
5'-4"	14"	3'-8"	10"	#6 @18" O.C.	#4 @24" O.C.
6'-0"	15"	4'-2"	12"	#4 @16" O.C.	#4 @18" O.C.
6'-8"	16"	4'-6"	12"	#6 @24" O.C.	#5 @18" O.C.
7'-4"	18"	4'-10"	12"	#6 @16" O.C.	#5 @18" O.C.
8'-0"	20"	5'-4"	12"	#7 @18" O.C.	#6 @12" O.C.
8'-8"	20"	5'-8"	12"	#7 @16" O.C.	#6 @12" O.C.

GENERAL NOTES:

- ALL CONCRETE IS TO BE 4000 PSI @ 28 DAYS.
- MINIMUM COMPACTION UNDER FOOTINGS IS TO BE 95% PER ASTM. D 1557 FOR A DEPTH OF 12" MOISTURE CONTENT IS TO BE $\pm 2.0\%$.
- BACK FILL AGAINST WALLS IS TO BE HAND-PLACED AND COMPACTED.
- ALL BARS ARE TO BE GRADE 60, ASTM 615.
- TRUSS TYPE DUR-O-WALL EVERY OTHER COURSE.
- DOWELS SHALL BE AT LEAST EQUAL IN SIZE AND SPACING TO V-BARS, SHALL PROJECT A MINIMUM OF 30 BAR DIA. INTO THE FILLED BLOCK CORES, AND SHALL EXTEND TO THE TOE OF THE FOOTING.
- PROVIDE KEY FOR 8" AND 12" WALLS WHERE H EXCEEDS 6'-0"
- USE EITHER EXPANSION JOINTS ON 20' CENTERS OR PILASTERS EVERY 16'.
- BOND BEAM, 1-#4 BARS FOR WALLS UNDER 3'-4", 2-#4 BARS FOR WALLS UNDER 5'-4", 2-#5 BARS FOR WALLS OVER 5'-4".



CONCRETE VALLEY GUTTER DETAIL
SCALE: 1"=1'



CONCRETE RUNDOWN
NTS

<i>ENGINEER'S SEAL</i>	RIO GRANDE CROSSING WEST	<i>DRAWN BY RG</i>
	GRADING & DRAINAGE DETAILS	<i>DATE 9-9-2020</i>
		<i>DRAWING 2012100-BASE-GRD</i>
	<i>TERRA WEST, LLC</i> 5571 MIDWAY PARK PL NE ALBUQUERQUE, NEW MEXICO 87109 (505) 858-3100 www.tierrawestllc.com	<i>SHEET # GR-4</i>
<i>RONALD R. BOHANNAN P.E. #7868</i>		<i>JOB # 2012100</i>

TIERRA WEST, LLC
5571 MIDWAY PARK PL NE
ALBUQUERQUE, NEW MEXICO 87109
(505) 858-3100
www.tierrawestllc.com

MASTER DRAINAGE REPORT

Rio Grande Crossing West Commercial Redevelopment NE Corner of Rio Grande Blvd & Interstate-40

Prepared for:

Ed Garcia Properties

Prepared by:

Tierra West, LLC
5571 Midway Park Place NE
Albuquerque, New Mexico 87109

September, 2020

I certify that this report was prepared under my supervision, and I am a registered Professional Engineer in the State of New Mexico in good standing.



Ronald R. Bohannon
PE # 7868

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H13-D29 Burger King Rio Grande Documents	APPENDIX B

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Proposed Basin Boundary Map	Figure 5

MAP POCKET

Grading plan sheet(s)

Introduction

This report outlines the master drainage management plan for Rio Grande Crossing West. Rio Grande Crossing West is a 5.66 acre site Located on the north east intersection of Interstate-40 and Rio Grande Blvd. in Albuquerque NM, 87104. Rio Grande Crossing West is located in precipitation zone 2, between the Rio Grande River and San Mateo. The project site is also located in the Rio Grande Valley. Special considerations were taken into account due to the flat terrain and limited downstream capacity of the area. The site is currently zoned MX-M to the south and MX-L to the north of the project site. The project site consists of the following legal descriptions.

- TR A PLAT OF LANDS OF HARRY J GARCIA TR A MIDDLE RIO GRANDECONSERVANCY DISTRICT PROPERTY MAP #35 CONT 1.1273 AC M/L
- TRS 230A, 230B, 230C, 231A1, 231A2, 231B1, 231B2, 231B3 &234A (EXCL PORTS OUT TO R/W) MRGCD MAP 35CONT 2.8722 AC
- MAP 35 TR 223 E8
- MAP 35 TR 223 E7
- MAP 35 TRACT 223 E6
- MAP 35 TR 223 E 5
- MAP 35 TR 223 E 3
- TR 223E2 MRGCD MAP 35
- TR A-1 PLAT OF TRACT A-1 LANDS OF ZESIGER CONT .2512 AC

The proposed project currently contains an existing restaurant, retail shops, and abandoned single family detached homes. The site also previously contained buildings which have since been demolished and removed. The project site has been previously graded and is partly paved. To the north and west the project site is bordered by a variety of commercial and single family homes. To the south lays Interstate-40 and to the east lays the Alameda Drain. To the west of the Alameda drain the proposed development will include detention ponds, landscaping and trails. The proposed site lies within hydrology number H13-D109. The boundary of the proposed site is located on the Zone atlas page H-13-Z as shown on **Figure 1**.

Flood Plain

The floodplain information is published for the site by the Federal Emergency Management Agency (FEMA) Flood Insurance Rate Map (FIRM) for Bernalillo County, New Mexico and Incorporated Areas. The subject site is detailed on Community Panel Number 35001C0331H dated August 16, 2012 and is shown below in **Figure 2**. The subject site is located within Flood Zone X, which is defined as, "Areas determined to be outside the 0.2% annual chance floodplain". The site lies within an area with reduced flood risk due to levee. For this area flood insurance is not required but recommended, due to the chance of a future levee failure or the deterioration of performance.

National Flood Hazard Layer FIRMette

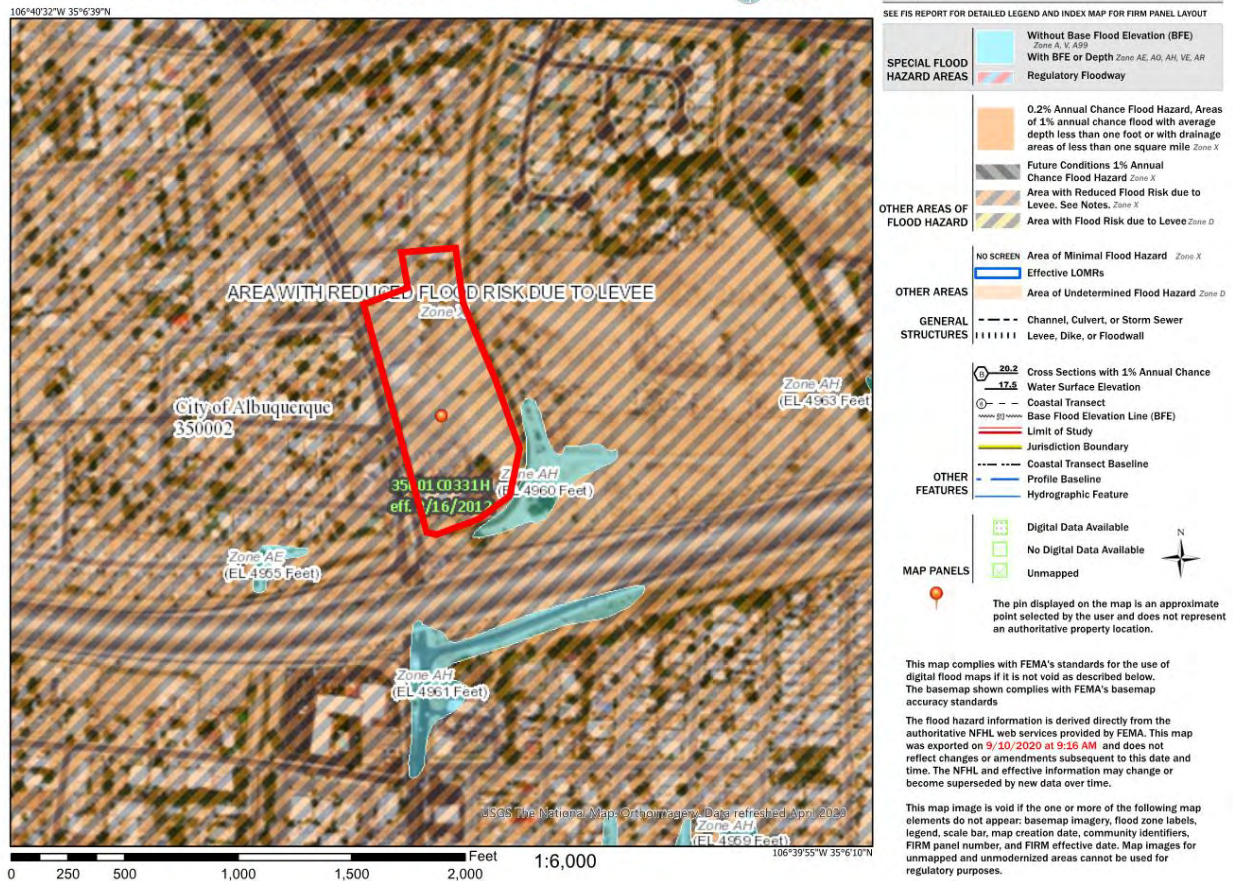


Figure 2 – FIRM Map

Methodology

The site is located within Precipitation Zone 2, west of the Rio Grande, as specified in Chapter 6, Section 2.A.1 of the City of Albuquerque Development Process Manual, 2020 Revision (DPM). Point precipitation frequency estimates were obtained from the NOAA Atlas 14, Precipitation – Frequency Atlas of the United States, Vol 1 Version 5 Semiarid Southwest, and see **Figure 3** for point Location. The principal design storm is the 100-year, 24 hour event. The appropriate land treatments A through D, as defined in the DPM Chapter 6 Section 2.A.2, will be applied to the various pervious and impervious areas for the proposed site.

The Unit Hydrograph procedure described in Chapter 6, Section 2.C is used to analyze the site. AHYMO-S4 was used to determine the existing and proposed development flows for the principle 100-year, 24 hour storm event. Using the ROUTE RESERVOIR command the AHYMO program was used to model the detention pond and determine the allowable discharge into the existing storm drain infrastructure.

Redevelopment sites are required to capture and infiltrate the “storm water quality volume” from the 80th percentile storm. The methodology used in the EPA report "estimating predevelopment hydrology in the middle Rio Grande watershed" April 2014, yields a runoff value of 0.26 inches for the 80th percentile storm. Therefore the required storm water quality volume to be captured and infiltrated is the product of the impervious area multiplied by 0.26 inches for redevelopment sites.



Figure 3– Precipitation Analysis Point

Existing Conditions

Based on the topography, runoff from basin EB.1 flows north into Lilac Rd and is then intercepted by a storm drain inlet on the road. Drainage from Basins EB.2 and EB.3 sheet flows east into the Alameda Drain. Basin EB.4 is fully developed and contains an existing restaurant, “The Range Café”. The Range Cafes drainage report can be found in hydrological report number H13-D029, a copy of the Range Café’s drainage report is provided in APPENDIX B of this report. Drainage from basin EB.4 currently flows into an existing storm water quality pond on the south side of the basin. The storm water quality volume is retained on site, when the capacity of the pond is surpassed the flow is conveyed via storm drain pipe, which is connected to an existing storm drain inlet on the off ramp of Interstate-40. The 100-year allowable capacity for the inlet was calculated to be 4.61 cfs as reported in the Range Cafes Drainage Report (H13-D029). The existing basin boundary is shown in **Figure 4**, and the existing runoff calculations are located in APPENDIX A.

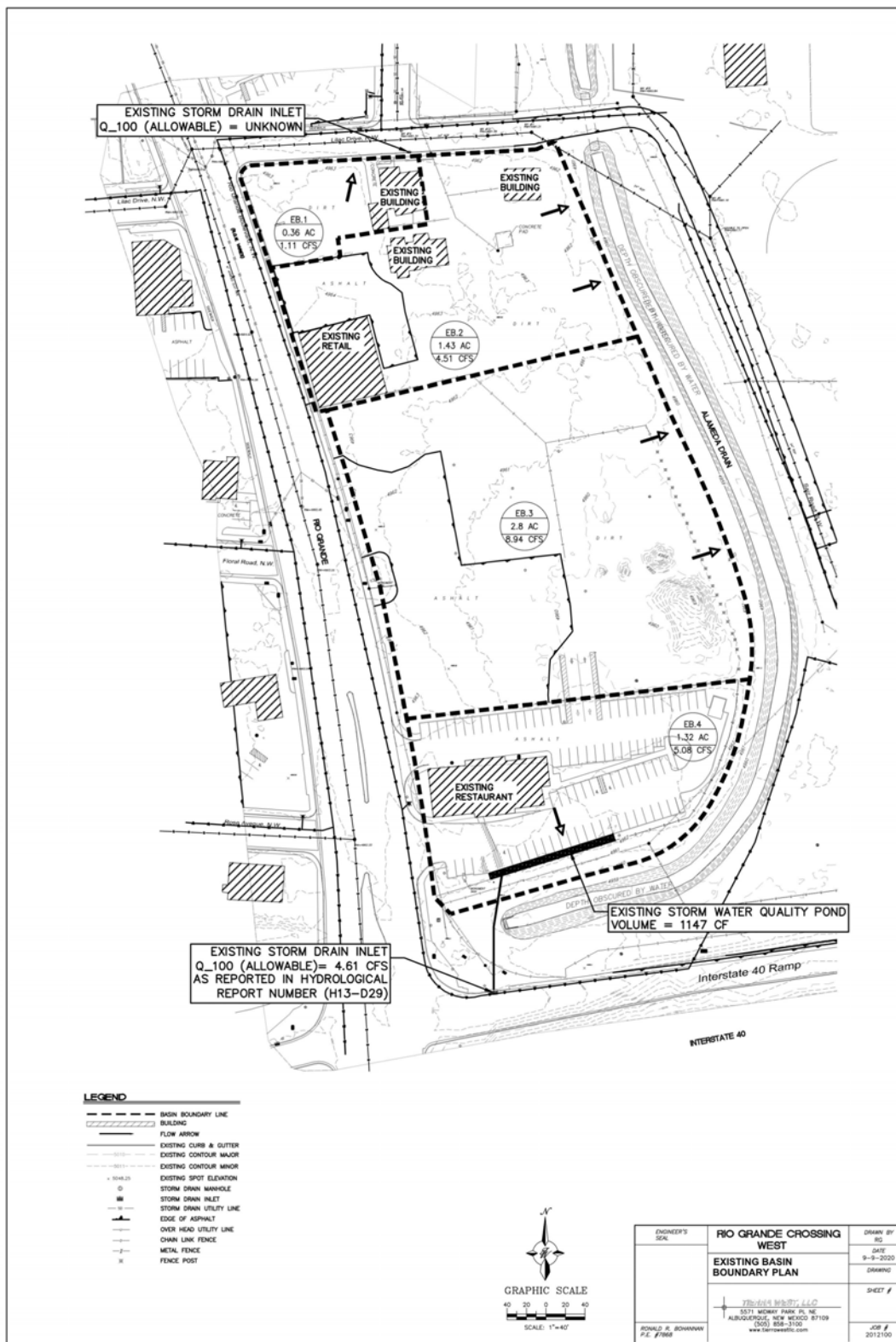
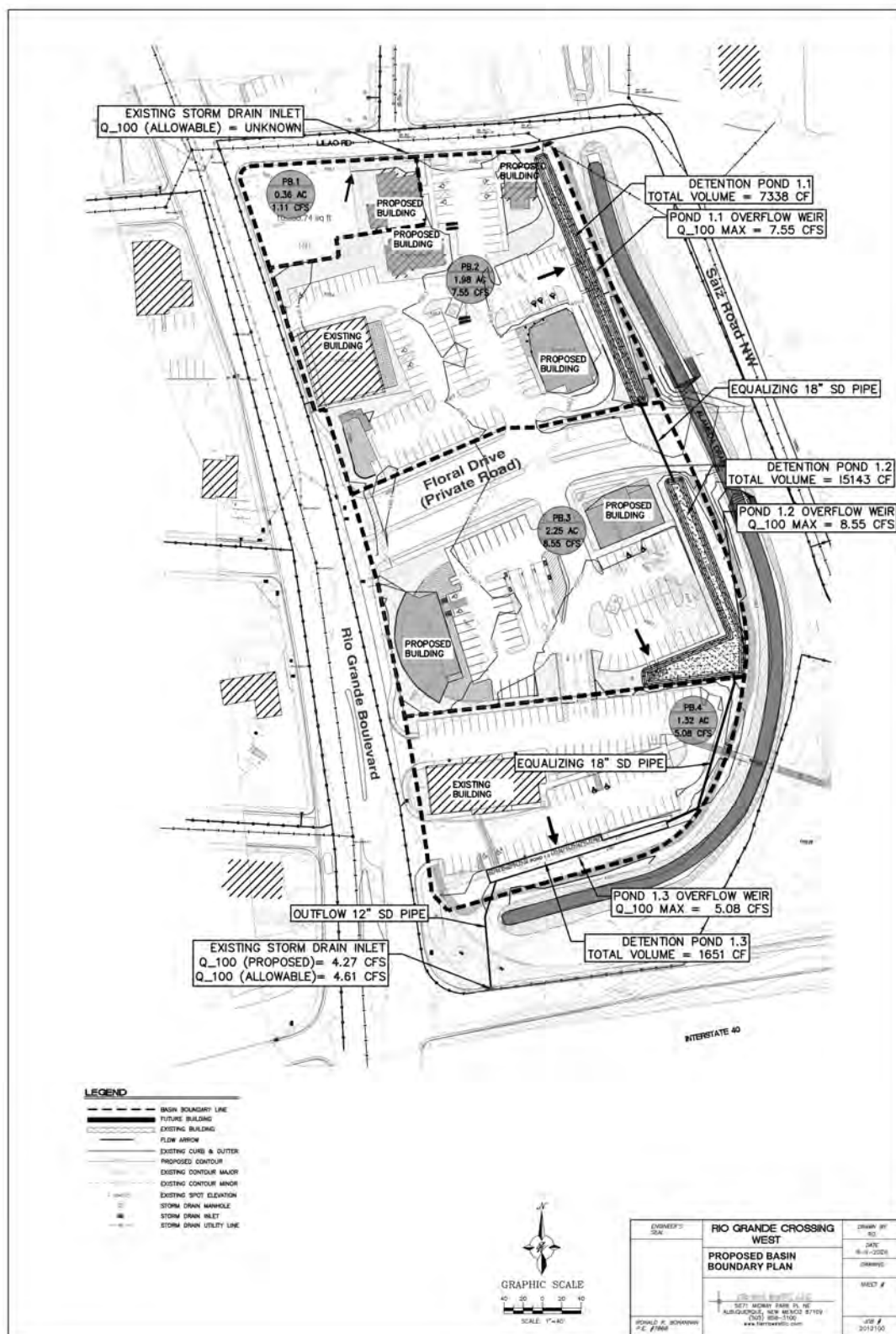


Figure 4– Existing Basin Boundary

Developed Conditions

The proposed drainage flows will be routed into a detention pond system on the east side of the project site. The intent is to use the existing storm drain inlet on the off-ramp of I-40 which is currently being utilized by The Range Café as the outfall for the entire site. At the 100-year storm event the proposed detention pond system will outflow at a rate less than 4.61 cfs as calculated in the Range Café's drainage report which is reported in the calculations section of hydrological report number (H13-D029). Drainage from basin PB.1 will continue to flow north into an existing storm drain inlet on Lilac RD at the existing flow rate. Drainage from basins PB.2 and PB.3 will sheet flow into the proposed detention pond system on the east side of the project site. The flow will be conveyed into the detention pond system via concrete rundowns. The existing storm water quality pond located south of basin PB.4 will be reconstructed to accommodate the proposed developed conditions of the entire site. Drainage from basin PB.4 will discharge at the existing flow rate and will flow south via existing curb cuts into the proposed detention pond system. The proposed basin boundary is shown in **Figure 5**.

The detention pond system is a collection of three individual ponds which are linked together by 18-inch equalizing storm drain pipes. Detention ponds 1.1, 1.2 and 1.3 are at equal elevation and the equalizing storm drain pipe will be leveled to be at the same start and end invert elevation. In the event the detention pond's max water surface elevation is exceeded, excess runoff will drain east into the alameda drain. The detention pond will act to reduce the outflow to an allowable discharge. The detention pond will reduce the combined flow rate of 21.18 cfs to 4.27 cfs which is less than 4.61 cfs (allowable) as shown in the Range Cafes drainage report number (H13-D029). The detention pond will tie into an existing storm drain inlet on I-40 via a 12-inch storm drain pipe. The detention pond as well as the proposed basin map was modeled with AHYMO and a summary of the results is located in Appendix A.



Storm Water Quality Volume Management

The water quality volume is calculated based on the 0.26 inch storm. To calculate the Storm water Quality Volume the impervious acreage is multiplied by 0.26 inches. The formula used is $SWQV = 0.26 * I * 43,560 * (1/12)$ where I is the impervious area in acres. The total impervious area is 4.796 acres and requires a total water quality volume of 4,530 cubic feet for the impervious basin areas. The detention pond will have a capacity of 5,297 cubic feet dedicated to the storm water quality volume. Developed flows from impervious areas are routed through the SWQV ponds. The water quality volume calculations are detailed on the hydrology table in the APPENDIX A.

Summary

Rio Grande crossing west is a redevelopment of commercial sites. Drainage from the site will be conveyed via existing storm drain infrastructure. This drainage master plan will serve to maintain existing flows and will decrease downstream discharge in the alameda drain. The excess discharge will be conveyed via a linked detention pond system which will produce an allowable discharge rate and will contain the storm water quality volume.

APPENDIX A

POND VOLUME DISCHARGE

Pond Discharge-Orifice Calculations

SURFACE POND VOLUME CALCULATIONS			
ELEVATION (ft)	AREA (sf)	VOLUME (cf)	CUMULATIVE VOLUME (cf)
4958	6213	0	0
4958.5	7344	3389.25	3389
4958.75	7915	1907.375	5297
4959	8491	2050.75	7347
4959.5	9650	4535.25	11883
4959.75	10532	2522.75	14405
4960	10821	2669.125	17075
4960.5	12006	5706.75	22781
4961	13204	6302.5	29084

POND STORAGE-DISCHARGE FUNCTION				
ACTUAL ELEV.	H (FT)	VOLUME (CF)	Q (CFS)	VOLUME (AC-FT)
4958	0.00	0	0.0000	0.0000
4958.5	0.00	3389	0.0000	0.0778
4958.75	0.00	5297	0.0000	0.1216
4959	0.00	7347	0.0000	0.1687
4959.5	0.25	11883	1.8908	0.2728
4959.75	0.50	14405	2.6740	0.3307
4960	0.75	17075	3.2750	0.3920
4960.5	1.25	22781	4.2280	0.5230
4961	1.75	29084	5.0027	0.6677

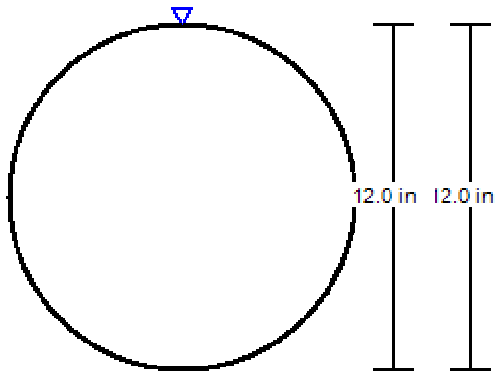
INV

Orifice Equation	
Q =	CA SQRT(2gH)
C =	0.6
Diameter (in)=	12
Area (ft^2)=	0.785
g (ft/s^2) =	32.2
H (Ft) =	Depth of water above center of orifice
Q (CFS)=	Flow

OUTLET PIPE CAPACITY

12" SD PIPE PVC

Project Description	
Friction Method	Manning
	Formula
Solve For	Discharge
Input Data	
Roughness Coefficient	0.010
Channel Slope	0.024 ft/ft
Normal Depth	12.0 in
Diameter	12.0 in
Discharge	7.17 cfs

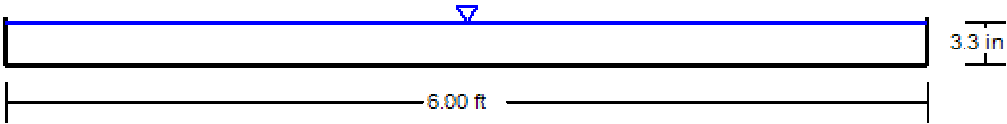


V: 1
H: 1

DETENTION POND OVERFLOW CAPACITY

DETENTION POND 1.1 SPILLWAY

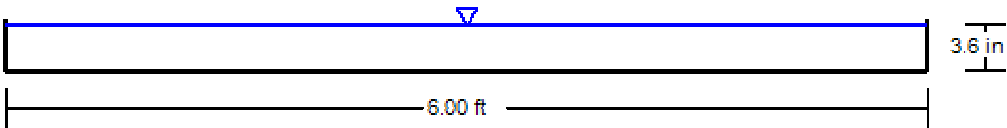
Project Description	
Friction Method	Manning Formula
Solve For	Normal Depth
Input Data	
Roughness Coefficient	0.013
Channel Slope	0.010 ft/ft
Normal Depth	3.3 in
Bottom Width	6.00 ft
Discharge	7.55 cfs



V: 1
H: 1

DETENTION POND 1.2 SPILLWAY

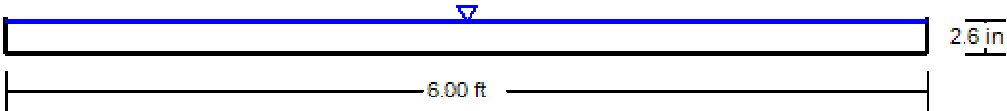
Project Description	
Friction Method	Manning Formula
Solve For	Normal Depth
Input Data	
Roughness Coefficient	0.013
Channel Slope	0.010 ft/ft
Normal Depth	3.6 in
Bottom Width	6.00 ft
Discharge	8.55 cfs



V: 1
H: 1

DETENTION POND 1.3 SPILLWAY

Project Description	
Friction Method	Manning
	Formula
Solve For	Normal Depth
Input Data	
Roughness Coefficient	0.013
Channel Slope	0.010 ft/ft
Normal Depth	2.6 in
Bottom Width	6.00 ft
Discharge	5.08 cfs



V: 1
H: 1

HYDROLOGY SUMMARY

Existing Conditions

Basin Descriptions												100-Year, 24-Hr		
Basin ID	Area (sf)	Area (acres)	Area (sq miles)	Treatment A		Treatment B		Treatment C		Treatment D		Runoff (in)	Volume (ac-ft)	Flow cfs
				%	(acres)	%	(acres)	%	(acres)	%	(acres)			
EB1	15,597.00	0.358	0.00056	0%	0.000	0%	0.000	64%	0.229	36%	0.129	1.26	0.038	1.11
EB2	62,300.00	1.430	0.00223	0%	0.000	0%	0.000	77%	1.101	23%	0.329	1.36	0.162	4.51
EB3	122,000.00	2.801	0.00438	0%	0.000	0%	0.000	56%	1.568	44%	1.232	1.40	0.328	8.94
EB4	57,354.00	1.317	0.00206	0%	0.000	0%	0.000	15%	0.191	86%	1.126	2.06	0.226	5.08
Total	257,251.00	5.906	0.00923		0.000		0.000		3.090		2.816		0.75	19.64

Proposed Conditions

Basin Descriptions												100-Year, 24-Hr		
Basin ID	Area (sf)	Area (acres)	Area (sq miles)	Treatment A		Treatment B		Treatment C		Treatment D		Runoff (in)	Volume (ac-ft)	Flow cfs
				%	(acres)	%	(acres)	%	(acres)	%	(acres)			
PB1	15,597.00	0.358	0.00056	0%	0.000	0%	0.000	78%	0.279	22%	0.079	1.26	0.038	1.11
PB2	86,300.00	1.981	0.00310	0%	0.000	5%	0.099	10%	0.198	85%	1.684	2.04	0.338	7.55
PB3	98,010.00	2.250	0.00352	0%	0.000	5%	0.113	10%	0.225	85%	1.913	2.04	0.383	8.55
PB4	57,354.00	1.317	0.00206	0%	0.000	0%	0.000	15%	0.198	85%	1.119	2.06	0.226	5.08
Total	257261	5.906	0.00923		0.000		0.212		0.900		4.794		0.99	22.29

Storm Water Quality Volume

Total Impervious Area =	ΣArea in "Treatment D"	4.794
Retention Volume =	= (0.26/12) x Area (Acre-Ft) 0.10388	

AHYMO INPUT

```

*****
*                RIO GRANDE AND I-40 CROSSING WEST                *
*****
*                100-YEAR 24-HR STORM (UNDER EXISTING CONDITIONS)   *
*****
*LATITUDE: 35.1072*
*LONGITUDE: -106.6704*
*ELEVATION: 4959.65
*****
START                TIME=0.0

*
RAINFALL              TYPE=2 RAIN QUARTER=0.0 IN
                      RAIN ONE=1.73 IN RAIN SIX=2.22 IN
                      RAIN DAY=2.5 IN DT=0.01 HR

*
* EB1
*
COMPUTE NM HYD        ID=1 HYD NO=EB.1 AREA=0.00056 SQ MI
                      PER A=0.00 PER B=0.00 PER C=78.00 PER D=22.00
                      TP= 0.15 HR MASS RAINFALL=-1

PRINT HYD             ID=1 CODE=1

*
* EB2
*
COMPUTE NM HYD        ID=1 HYD NO=EB.2 AREA=0.00223 SQ MI
                      PER A=0.00 PER B=0.00 PER C=70.00 PER D=30.00
                      TP= 0.15 HR MASS RAINFALL=-1

PRINT HYD             ID=1 CODE=1

*
* EB3
*
COMPUTE NM HYD        ID=1 HYD NO=EB.3 AREA=0.00438 SQ MI
                      PER A=0.00 PER B=0.00 PER C=67.00 PER D=33.00
                      TP= 0.15 HR MASS RAINFALL=-1

PRINT HYD             ID=1 CODE=1

*
* EB4
*
COMPUTE NM HYD        ID=1 HYD NO=EB.4 AREA=0.00206 SQ MI
                      PER A=0.00 PER B=0.00 PER C=15.0 PER D=85.0
                      TP= 0.15 HR MASS RAINFALL=-1

PRINT HYD             ID=1 CODE=1

*****
*                100-YEAR 24-HR STORM (UNDER PROPOSED CONDITIONS) *
*****
START                TIME=0.0

*
RAINFALL              TYPE=2 RAIN QUARTER=0.0 IN
                      RAIN ONE=1.73 IN RAIN SIX=2.22 IN
                      RAIN DAY=2.5 IN DT=0.01 HR

*
* PB1
*
COMPUTE NM HYD        ID=2 HYD NO=PB.1 AREA=0.00056 SQ MI
                      PER A=0.00 PER B=0.00 PER C=78.00 PER D=22.00
                      TP=0.15 HR MASS RAINFALL=-1

PRINT HYD             ID=2 CODE=1

*
* PB2
*
COMPUTE NM HYD        ID=3 HYD NO=PB.2 AREA=0.00310 SQ MI
                      PER A=0.00 PER B=5.00 PER C=10.00 PER D=85.00
                      TP=0.15 HR MASS RAINFALL=-1

PRINT HYD             ID=3 CODE=1

*
* PB3
*
COMPUTE NM HYD        ID=4 HYD NO=PB.3 AREA=0.00351 SQ MI
                      PER A=0.00 PER B=5.00 PER C=10.00 PER D=85.00
                      TP=0.15 HR MASS RAINFALL=-1

PRINT HYD             ID=4 CODE=1

*
* PB4
*
COMPUTE NM HYD        ID=5 HYD NO=PB.4 AREA=0.00206 SQ MI
                      PER A=0.00 PER B=0.00 PER C=15 PER D=85
                      TP=0.15 HR MASS RAINFALL=-1

PRINT HYD             ID=5 CODE=1
* ADD BASINS PB2, PB3 AND PB4
*
ADD HYD               ID =6 HYD = 100.1 ID I = 3 ID II = 4

ADD HYD               ID =7 HYD = 100.2 ID I =6 ID II = 5

PRINT HYD             ID=7 CODE=1
*

*****
*                ROUTE BASINS TO POND 1                            *
*****
ROUTE RESERVOIR       ID=8 HYD NO=POND.1 INFLOW ID=7 CODE=1
                      OUTFLOW(CFS) STORAGE(AC-FT) ELEVATION(FT)

```

0.0000	0.0000	4958.75
1.8908	0.2728	4959.5
2.6740	0.3307	4959.75
3.2750	0.3920	4960
4.2280	0.5230	4960.5
5.0027	0.6677	4961

*
PRINT HYD
Plot HYD
*
FINISH

ID=8 CODE=1
ID=8

AHYMO OUTPUT

AHYMO PROGRAM (AHYMO-S4) - Version: S4.01a - Rel: 01a
RUN DATE (MON/DAY/YR) = 09/15/2020
START TIME (HR:MIN:SEC) = 13:29:48 USER NO.= AHYMO_Temp_user:20122010
INPUT FILE = 00 Rio Grande and I-40\Drainage\Rio Grande Crossing West\2012100-Hymo - Copy.txt

* RIO GRANDE AND I-40 CROSSING WEST *

* 100-YEAR 24-HR STORM (UNDER EXISTING CONDITIONS) *

*LATITUDE: 35.1072° *
*LONGITUDE: -106.6704° *
*ELEVATION: 4959.65 *

START TIME=0.0

*

RAINFALL TYPE=2 RAIN QUARTER=0.0 IN
RAIN ONE=1.73 IN RAIN SIX=2.22 IN
RAIN DAY=2.5 IN DT=0.01 HR

24-HOUR RAINFALL DIST. - BASED ON NOAA ATLAS 14 FOR CONVECTIVE AREAS (NM & AZ) - D1
DT = 0.010000 HOURS END TIME = 24.000002 HOURS

0.0000	0.0007	0.0013	0.0020	0.0026	0.0033	0.0039
0.0046	0.0052	0.0059	0.0066	0.0074	0.0081	0.0088
0.0095	0.0102	0.0110	0.0117	0.0125	0.0133	0.0141
0.0149	0.0157	0.0165	0.0173	0.0181	0.0190	0.0200
0.0209	0.0218	0.0227	0.0236	0.0245	0.0254	0.0271
0.0291	0.0312	0.0332	0.0352	0.0372	0.0393	0.0413
0.0434	0.0457	0.0479	0.0502	0.0525	0.0547	0.0570
0.0593	0.0615	0.0640	0.0664	0.0689	0.0713	0.0738
0.0763	0.0787	0.0812	0.0837	0.0863	0.0888	0.0914
0.0940	0.0966	0.0991	0.1017	0.1043	0.1070	0.1097
0.1124	0.1151	0.1178	0.1205	0.1231	0.1258	0.1288
0.1318	0.1348	0.1378	0.1408	0.1438	0.1467	0.1497
0.1530	0.1563	0.1597	0.1630	0.1664	0.1698	0.1731
0.1765	0.1804	0.1854	0.1904	0.1954	0.2004	0.2054
0.2104	0.2154	0.2204	0.2271	0.2338	0.2405	0.2472
0.2539	0.2607	0.2674	0.2741	0.2826	0.2919	0.3013
0.3107	0.3201	0.3295	0.3388	0.3482	0.3592	0.3733
0.3873	0.4014	0.4155	0.4296	0.4437	0.4578	0.4719
0.4962	0.5205	0.5448	0.5691	0.5934	0.6178	0.6421
0.6664	0.7177	0.7825	0.8472	0.9120	0.9768	1.0416
1.1064	1.1711	1.2263	1.2622	1.2981	1.3340	1.3699
1.4058	1.4417	1.4777	1.5136	1.5316	1.5496	1.5677
1.5857	1.6038	1.6218	1.6399	1.6579	1.6715	1.6829
1.6942	1.7056	1.7170	1.7283	1.7397	1.7510	1.7612
1.7691	1.7770	1.7849	1.7928	1.8006	1.8085	1.8164
1.8243	1.8300	1.8358	1.8416	1.8473	1.8531	1.8589
1.8647	1.8704	1.8753	1.8796	1.8840	1.8884	1.8927
1.8971	1.9015	1.9058	1.9098	1.9130	1.9161	1.9193
1.9224	1.9256	1.9288	1.9319	1.9351	1.9379	1.9407
1.9436	1.9464	1.9492	1.9521	1.9549	1.9577	1.9602
1.9626	1.9650	1.9673	1.9697	1.9720	1.9744	1.9767
1.9790	1.9812	1.9834	1.9856	1.9877	1.9899	1.9921
1.9943	1.9965	1.9986	2.0007	2.0028	2.0049	2.0070
2.0091	2.0112	2.0133	2.0146	2.0156	2.0166	2.0176
2.0185	2.0195	2.0205	2.0215	2.0224	2.0234	2.0243
2.0253	2.0262	2.0272	2.0281	2.0291	2.0300	2.0309
2.0318	2.0327	2.0335	2.0344	2.0353	2.0362	2.0371
2.0379	2.0388	2.0396	2.0405	2.0414	2.0422	2.0431
2.0439	2.0448	2.0456	2.0464	2.0473	2.0481	2.0489
2.0497	2.0506	2.0514	2.0522	2.0530	2.0537	2.0545
2.0553	2.0561	2.0569	2.0576	2.0584	2.0592	2.0599
2.0607	2.0615	2.0622	2.0630	2.0637	2.0645	2.0652
2.0660	2.0667	2.0674	2.0682	2.0689	2.0697	2.0704
2.0711	2.0718	2.0725	2.0732	2.0739	2.0746	2.0753
2.0760	2.0767	2.0774	2.0781	2.0788	2.0794	2.0801
2.0808	2.0815	2.0822	2.0828	2.0835	2.0842	2.0848
2.0855	2.0862	2.0868	2.0875	2.0881	2.0888	2.0894
2.0901	2.0907	2.0913	2.0920	2.0926	2.0932	2.0939
2.0945	2.0951	2.0957	2.0964	2.0970	2.0976	2.0982
2.0988	2.0994	2.1000	2.1007	2.1013	2.1019	2.1025
2.1031	2.1037	2.1043	2.1049	2.1055	2.1061	2.1067
2.1073	2.1079	2.1085	2.1090	2.1096	2.1102	2.1108
2.1114	2.1120	2.1125	2.1131	2.1137	2.1143	2.1148
2.1154	2.1160	2.1166	2.1171	2.1177	2.1183	2.1188
2.1194	2.1200	2.1205	2.1211	2.1216	2.1222	2.1228
2.1233	2.1239	2.1244	2.1250	2.1255	2.1261	2.1266
2.1272	2.1277	2.1282	2.1288	2.1293	2.1299	2.1304
2.1309	2.1315	2.1320	2.1325	2.1331	2.1336	2.1341
2.1347	2.1352	2.1357	2.1362	2.1368	2.1373	2.1378
2.1383	2.1388	2.1394	2.1399	2.1404	2.1409	2.1414
2.1419	2.1424	2.1429	2.1435	2.1440	2.1445	2.1450
2.1455	2.1460	2.1465	2.1470	2.1475	2.1480	2.1485
2.1490	2.1495	2.1500	2.1505	2.1510	2.1515	2.1520
2.1524	2.1529	2.1534	2.1539	2.1544	2.1549	2.1554
2.1558	2.1563	2.1568	2.1573	2.1578	2.1582	2.1587
2.1592	2.1597	2.1602	2.1606	2.1611	2.1616	2.1620
2.1625	2.1630	2.1635	2.1639	2.1644	2.1649	2.1653
2.1658	2.1662	2.1667	2.1672	2.1676	2.1681	2.1686
2.1690	2.1695	2.1699	2.1704	2.1708	2.1713	2.1717
2.1722	2.1726	2.1731	2.1735	2.1740	2.1744	2.1749
2.1753	2.1758	2.1762	2.1767	2.1771	2.1775	2.1780
2.1784	2.1789	2.1793	2.1797	2.1802	2.1806	2.1810
2.1815	2.1819	2.1824	2.1828	2.1832	2.1837	2.1841
2.1845	2.1849	2.1854	2.1858	2.1862	2.1866	2.1871
2.1875	2.1879	2.1883	2.1888	2.1892	2.1896	2.1900
2.1904	2.1909	2.1913	2.1917	2.1921	2.1925	2.1929
2.1934	2.1938	2.1942	2.1946	2.1950	2.1954	2.1958
2.1962	2.1966	2.1971	2.1975	2.1979	2.1983	2.1987
2.1991	2.1995	2.1999	2.2003	2.2007	2.2011	2.2015
2.2019	2.2023	2.2027	2.2031	2.2035	2.2039	2.2043
2.2047	2.2051	2.2055	2.2059	2.2063	2.2066	2.2070
2.2074	2.2078	2.2082	2.2086	2.2090	2.2094	2.2098
2.2101	2.2105	2.2109	2.2113	2.2117	2.2121	2.2125
2.2128	2.2132	2.2136	2.2140	2.2144	2.2147	2.2151

2.2155	2.2159	2.2163	2.2166	2.2170	2.2174	2.2178
2.2181	2.2185	2.2189	2.2193	2.2196	2.2200	2.2202
2.2203	2.2205	2.2206	2.2208	2.2209	2.2211	2.2212
2.2214	2.2216	2.2217	2.2219	2.2220	2.2222	2.2223
2.2225	2.2226	2.2228	2.2230	2.2231	2.2233	2.2234
2.2236	2.2237	2.2239	2.2240	2.2242	2.2244	2.2245
2.2247	2.2248	2.2250	2.2251	2.2253	2.2254	2.2256
2.2258	2.2259	2.2261	2.2262	2.2264	2.2265	2.2267
2.2268	2.2270	2.2272	2.2273	2.2275	2.2276	2.2278
2.2279	2.2281	2.2282	2.2284	2.2286	2.2287	2.2289
2.2290	2.2292	2.2293	2.2295	2.2296	2.2298	2.2300
2.2301	2.2303	2.2304	2.2306	2.2307	2.2309	2.2310
2.2312	2.2314	2.2315	2.2317	2.2318	2.2320	2.2321
2.2323	2.2324	2.2326	2.2328	2.2329	2.2331	2.2332
2.2334	2.2335	2.2337	2.2338	2.2340	2.2342	2.2343
2.2345	2.2346	2.2348	2.2349	2.2351	2.2352	2.2354
2.2356	2.2357	2.2359	2.2360	2.2362	2.2363	2.2365
2.2366	2.2368	2.2370	2.2371	2.2373	2.2374	2.2376
2.2377	2.2379	2.2380	2.2382	2.2384	2.2385	2.2387
2.2388	2.2390	2.2391	2.2393	2.2394	2.2396	2.2398
2.2399	2.2401	2.2402	2.2404	2.2405	2.2407	2.2408
2.2410	2.2412	2.2413	2.2415	2.2416	2.2418	2.2419
2.2421	2.2422	2.2424	2.2426	2.2427	2.2429	2.2430
2.2432	2.2433	2.2435	2.2436	2.2438	2.2440	2.2441
2.2443	2.2444	2.2446	2.2447	2.2449	2.2450	2.2452
2.2454	2.2455	2.2457	2.2458	2.2460	2.2461	2.2463
2.2464	2.2466	2.2468	2.2469	2.2471	2.2472	2.2474
2.2475	2.2477	2.2478	2.2480	2.2482	2.2483	2.2485
2.2486	2.2488	2.2489	2.2491	2.2492	2.2494	2.2496
2.2497	2.2499	2.2500	2.2502	2.2503	2.2505	2.2506
2.2508	2.2510	2.2511	2.2513	2.2514	2.2516	2.2517
2.2519	2.2520	2.2522	2.2524	2.2525	2.2527	2.2528
2.2530	2.2531	2.2533	2.2534	2.2536	2.2538	2.2539
2.2541	2.2542	2.2544	2.2545	2.2547	2.2548	2.2550
2.2552	2.2553	2.2555	2.2556	2.2558	2.2559	2.2561
2.2562	2.2564	2.2566	2.2567	2.2569	2.2570	2.2572
2.2573	2.2575	2.2576	2.2578	2.2580	2.2581	2.2583
2.2584	2.2586	2.2587	2.2589	2.2590	2.2592	2.2594
2.2595	2.2597	2.2598	2.2600	2.2601	2.2603	2.2604
2.2606	2.2608	2.2609	2.2611	2.2612	2.2614	2.2615
2.2617	2.2618	2.2620	2.2622	2.2623	2.2625	2.2626
2.2628	2.2629	2.2631	2.2632	2.2634	2.2636	2.2637
2.2639	2.2640	2.2642	2.2643	2.2645	2.2646	2.2648
2.2650	2.2651	2.2653	2.2654	2.2656	2.2657	2.2659
2.2660	2.2662	2.2664	2.2665	2.2667	2.2668	2.2670
2.2671	2.2673	2.2674	2.2676	2.2678	2.2679	2.2681
2.2682	2.2684	2.2685	2.2687	2.2688	2.2690	2.2692
2.2693	2.2695	2.2696	2.2698	2.2699	2.2701	2.2702
2.2704	2.2706	2.2707	2.2709	2.2710	2.2712	2.2713
2.2715	2.2716	2.2718	2.2720	2.2721	2.2723	2.2724
2.2726	2.2727	2.2729	2.2730	2.2732	2.2734	2.2735
2.2737	2.2738	2.2740	2.2741	2.2743	2.2744	2.2746
2.2748	2.2749	2.2751	2.2752	2.2754	2.2755	2.2757
2.2758	2.2760	2.2762	2.2763	2.2765	2.2766	2.2768
2.2769	2.2771	2.2772	2.2774	2.2776	2.2777	2.2779
2.2780	2.2782	2.2783	2.2785	2.2786	2.2788	2.2790
2.2791	2.2793	2.2794	2.2796	2.2797	2.2799	2.2800
2.2802	2.2804	2.2805	2.2807	2.2808	2.2810	2.2811
2.2813	2.2814	2.2816	2.2818	2.2819	2.2821	2.2822
2.2824	2.2825	2.2827	2.2828	2.2830	2.2832	2.2833
2.2835	2.2836	2.2838	2.2839	2.2841	2.2842	2.2844
2.2846	2.2847	2.2849	2.2850	2.2852	2.2853	2.2855
2.2856	2.2858	2.2860	2.2861	2.2863	2.2864	2.2866
2.2867	2.2869	2.2870	2.2872	2.2874	2.2875	2.2877
2.2878	2.2880	2.2881	2.2883	2.2884	2.2886	2.2888
2.2889	2.2891	2.2892	2.2894	2.2895	2.2897	2.2898
2.2900	2.2902	2.2903	2.2905	2.2906	2.2908	2.2909
2.2911	2.2912	2.2914	2.2916	2.2917	2.2919	2.2920
2.2922	2.2923	2.2925	2.2926	2.2928	2.2930	2.2931
2.2933	2.2934	2.2936	2.2937	2.2939	2.2940	2.2942
2.2944	2.2945	2.2947	2.2948	2.2950	2.2951	2.2953
2.2954	2.2956	2.2958	2.2959	2.2961	2.2962	2.2964
2.2965	2.2967	2.2968	2.2970	2.2972	2.2973	2.2975
2.2976	2.2978	2.2979	2.2981	2.2982	2.2984	2.2986
2.2987	2.2989	2.2990	2.2992	2.2993	2.2995	2.2996
2.2998	2.3000	2.3001	2.3003	2.3004	2.3006	2.3007
2.3009	2.3010	2.3012	2.3014	2.3015	2.3017	2.3018
2.3020	2.3021	2.3023	2.3024	2.3026	2.3028	2.3029
2.3031	2.3032	2.3034	2.3035	2.3037	2.3038	2.3040
2.3042	2.3043	2.3045	2.3046	2.3048	2.3049	2.3051
2.3052	2.3054	2.3056	2.3057	2.3059	2.3060	2.3062
2.3063	2.3065	2.3066	2.3068	2.3070	2.3071	2.3073
2.3074	2.3076	2.3077	2.3079	2.3080	2.3082	2.3084
2.3085	2.3087	2.3088	2.3090	2.3091	2.3093	2.3094
2.3096	2.3098	2.3099	2.3101	2.3102	2.3104	2.3105
2.3107	2.3108	2.3110	2.3112	2.3113	2.3115	2.3116
2.3118	2.3119	2.3121	2.3122	2.3124	2.3126	2.3127
2.3129	2.3130	2.3132	2.3133	2.3135	2.3136	2.3138
2.3140	2.3141	2.3143	2.3144	2.3146	2.3147	2.3149
2.3150	2.3152	2.3154	2.3155	2.3157	2.3158	2.3160
2.3161	2.3163	2.3164	2.3166	2.3168	2.3169	2.3171
2.3172	2.3174	2.3175	2.3177	2.3178	2.3180	2.3182
2.3183	2.3185	2.3186	2.3188	2.3189	2.3191	2.3192
2.3194	2.3196	2.3197	2.3199	2.3200	2.3202	2.3203
2.3205	2.3206	2.3208	2.3210	2.3211	2.3213	2.3214
2.3216	2.3217	2.3219	2.3220	2.3222	2.3224	2.3225
2.3227	2.3228	2.3230	2.3231	2.3233	2.3234	2.3236
2.3238	2.3239	2.3241	2.3242	2.3244	2.3245	2.3247
2.3248	2.3250	2.3252	2.3253	2.3255	2.3256	2.3258
2.3259	2.3261	2.3262	2.3264	2.3266	2.3267	2.3269
2.3270	2.3272	2.3273	2.3275	2.3276	2.3278	2.3280
2.3281	2.3283	2.3284	2.3286	2.3287	2.3289	2.3290
2.3292	2.3294	2.3295	2.3297	2.3298	2.3300	2.3301
2.3303	2.3304	2.3306	2.3308	2.3309	2.3311	2.3312
2.3314	2.3315	2.3317	2.3318	2.3320	2.3322	2.3323
2.3325	2.3326	2.3328	2.3329	2.3331	2.3332	2.3334
2.3336	2.3337	2.3339	2.3340	2.3342	2.3343	2.3345
2.3346	2.3348	2.3350	2.3351	2.3353	2.3354	2.3356

2.3357	2.3359	2.3360	2.3362	2.3364	2.3365	2.3367
2.3368	2.3370	2.3371	2.3373	2.3374	2.3376	2.3378
2.3379	2.3381	2.3382	2.3384	2.3385	2.3387	2.3388
2.3390	2.3392	2.3393	2.3395	2.3396	2.3398	2.3399
2.3401	2.3402	2.3404	2.3406	2.3407	2.3409	2.3410
2.3412	2.3413	2.3415	2.3416	2.3418	2.3420	2.3421
2.3423	2.3424	2.3426	2.3427	2.3429	2.3430	2.3432
2.3434	2.3435	2.3437	2.3438	2.3440	2.3441	2.3443
2.3444	2.3446	2.3448	2.3449	2.3451	2.3452	2.3454
2.3455	2.3457	2.3458	2.3460	2.3462	2.3463	2.3465
2.3466	2.3468	2.3469	2.3471	2.3472	2.3474	2.3476
2.3477	2.3479	2.3480	2.3482	2.3483	2.3485	2.3486
2.3488	2.3490	2.3491	2.3493	2.3494	2.3496	2.3497
2.3499	2.3500	2.3502	2.3504	2.3505	2.3507	2.3508
2.3510	2.3511	2.3513	2.3514	2.3516	2.3518	2.3519
2.3521	2.3522	2.3524	2.3525	2.3527	2.3528	2.3530
2.3532	2.3533	2.3535	2.3536	2.3538	2.3539	2.3541
2.3542	2.3544	2.3546	2.3547	2.3549	2.3550	2.3552
2.3553	2.3555	2.3556	2.3558	2.3560	2.3561	2.3563
2.3564	2.3566	2.3567	2.3569	2.3570	2.3572	2.3574
2.3575	2.3577	2.3578	2.3580	2.3581	2.3583	2.3584
2.3586	2.3588	2.3589	2.3591	2.3592	2.3594	2.3595
2.3597	2.3598	2.3600	2.3602	2.3603	2.3605	2.3606
2.3608	2.3609	2.3611	2.3612	2.3614	2.3616	2.3617
2.3619	2.3620	2.3622	2.3623	2.3625	2.3626	2.3628
2.3630	2.3631	2.3633	2.3634	2.3636	2.3637	2.3639
2.3640	2.3642	2.3644	2.3645	2.3647	2.3648	2.3650
2.3651	2.3653	2.3654	2.3656	2.3658	2.3659	2.3661
2.3662	2.3664	2.3665	2.3667	2.3668	2.3670	2.3672
2.3673	2.3675	2.3676	2.3678	2.3679	2.3681	2.3682
2.3684	2.3686	2.3687	2.3689	2.3690	2.3692	2.3693
2.3695	2.3696	2.3698	2.3700	2.3701	2.3703	2.3704
2.3706	2.3707	2.3709	2.3710	2.3712	2.3714	2.3715
2.3717	2.3718	2.3720	2.3721	2.3723	2.3724	2.3726
2.3728	2.3729	2.3731	2.3732	2.3734	2.3735	2.3737
2.3738	2.3740	2.3742	2.3743	2.3745	2.3746	2.3748
2.3749	2.3751	2.3752	2.3754	2.3756	2.3757	2.3759
2.3760	2.3762	2.3763	2.3765	2.3766	2.3768	2.3770
2.3771	2.3773	2.3774	2.3776	2.3777	2.3779	2.3780
2.3782	2.3784	2.3785	2.3787	2.3788	2.3790	2.3791
2.3793	2.3794	2.3796	2.3798	2.3799	2.3801	2.3802
2.3804	2.3805	2.3807	2.3808	2.3810	2.3812	2.3813
2.3815	2.3816	2.3818	2.3819	2.3821	2.3822	2.3824
2.3826	2.3827	2.3829	2.3830	2.3832	2.3833	2.3835
2.3836	2.3838	2.3840	2.3841	2.3843	2.3844	2.3846
2.3847	2.3849	2.3850	2.3852	2.3854	2.3855	2.3857
2.3858	2.3860	2.3861	2.3863	2.3864	2.3866	2.3868
2.3869	2.3871	2.3872	2.3874	2.3875	2.3877	2.3878
2.3880	2.3882	2.3883	2.3885	2.3886	2.3888	2.3889
2.3891	2.3892	2.3894	2.3896	2.3897	2.3899	2.3900
2.3902	2.3903	2.3905	2.3906	2.3908	2.3910	2.3911
2.3913	2.3914	2.3916	2.3917	2.3919	2.3920	2.3922
2.3924	2.3925	2.3927	2.3928	2.3930	2.3931	2.3933
2.3934	2.3936	2.3938	2.3939	2.3941	2.3942	2.3944
2.3945	2.3947	2.3948	2.3950	2.3952	2.3953	2.3955
2.3956	2.3958	2.3959	2.3961	2.3962	2.3964	2.3966
2.3967	2.3969	2.3970	2.3972	2.3973	2.3975	2.3976
2.3978	2.3980	2.3981	2.3983	2.3984	2.3986	2.3987
2.3989	2.3990	2.3992	2.3994	2.3995	2.3997	2.3998
2.4000	2.4001	2.4003	2.4004	2.4006	2.4008	2.4009
2.4011	2.4012	2.4014	2.4015	2.4017	2.4018	2.4020
2.4022	2.4023	2.4025	2.4026	2.4028	2.4029	2.4031
2.4032	2.4034	2.4036	2.4037	2.4039	2.4040	2.4042
2.4043	2.4045	2.4046	2.4048	2.4050	2.4051	2.4053
2.4054	2.4056	2.4057	2.4059	2.4060	2.4062	2.4064
2.4065	2.4067	2.4068	2.4070	2.4071	2.4073	2.4074
2.4076	2.4078	2.4079	2.4081	2.4082	2.4084	2.4085
2.4087	2.4088	2.4090	2.4092	2.4093	2.4095	2.4096
2.4098	2.4099	2.4101	2.4102	2.4104	2.4106	2.4107
2.4109	2.4110	2.4112	2.4113	2.4115	2.4116	2.4118
2.4120	2.4121	2.4123	2.4124	2.4126	2.4127	2.4129
2.4130	2.4132	2.4134	2.4135	2.4137	2.4138	2.4140
2.4141	2.4143	2.4144	2.4146	2.4148	2.4149	2.4151
2.4152	2.4154	2.4155	2.4157	2.4158	2.4160	2.4162
2.4163	2.4165	2.4166	2.4168	2.4169	2.4171	2.4172
2.4174	2.4176	2.4177	2.4179	2.4180	2.4182	2.4183
2.4185	2.4186	2.4188	2.4190	2.4191	2.4193	2.4194
2.4196	2.4197	2.4199	2.4200	2.4202	2.4204	2.4205
2.4207	2.4208	2.4210	2.4211	2.4213	2.4214	2.4216
2.4218	2.4219	2.4221	2.4222	2.4224	2.4225	2.4227
2.4228	2.4230	2.4232	2.4233	2.4235	2.4236	2.4238
2.4239	2.4241	2.4242	2.4244	2.4246	2.4247	2.4249
2.4250	2.4252	2.4253	2.4255	2.4256	2.4258	2.4260
2.4261	2.4263	2.4264	2.4266	2.4267	2.4269	2.4270
2.4272	2.4274	2.4275	2.4277	2.4278	2.4280	2.4281
2.4283	2.4284	2.4286	2.4288	2.4289	2.4291	2.4292
2.4294	2.4295	2.4297	2.4298	2.4300	2.4302	2.4303
2.4305	2.4306	2.4308	2.4309	2.4311	2.4312	2.4314
2.4316	2.4317	2.4319	2.4320	2.4322	2.4323	2.4325
2.4326	2.4328	2.4330	2.4331	2.4333	2.4334	2.4336
2.4337	2.4339	2.4340	2.4342	2.4344	2.4345	2.4347
2.4348	2.4350	2.4351	2.4353	2.4354	2.4356	2.4358
2.4359	2.4361	2.4362	2.4364	2.4365	2.4367	2.4368
2.4370	2.4372	2.4373	2.4375	2.4376	2.4378	2.4379
2.4381	2.4382	2.4384	2.4386	2.4387	2.4389	2.4390
2.4392	2.4393	2.4395	2.4396	2.4398	2.4400	2.4401
2.4403	2.4404	2.4406	2.4407	2.4409	2.4410	2.4412
2.4414	2.4415	2.4417	2.4418	2.4420	2.4421	2.4423
2.4424	2.4426	2.4428	2.4429	2.4431	2.4432	2.4434
2.4435	2.4437	2.4438	2.4440	2.4442	2.4443	2.4445
2.4446	2.4448	2.4449	2.4451	2.4452	2.4454	2.4456
2.4457	2.4459	2.4460	2.4462	2.4463	2.4465	2.4466
2.4468	2.4470	2.4471	2.4473	2.4474	2.4476	2.4477
2.4479	2.4480	2.4482	2.4484	2.4485	2.4487	2.4488
2.4490	2.4491	2.4493	2.4494	2.4496	2.4498	2.4499
2.4501	2.4502	2.4504	2.4505	2.4507	2.4508	2.4510
2.4512	2.4513	2.4515	2.4516	2.4518	2.4519	2.4521
2.4522	2.4524	2.4526	2.4527	2.4529	2.4530	2.4532

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2.4914 2.4916 2.4918 2.4919 2.4921 2.4922 2.4924
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2.4969 2.4970 2.4972 2.4974 2.4975 2.4977 2.4978
2.4980 2.4981 2.4983 2.4984 2.4986 2.4988 2.4989
2.4991 2.4992 2.4994 2.4995 2.4997 2.4998 2.5000

*
* EB1

COMPUTE NM HYD ID=1 HYD NO=EB.1 AREA=0.00056 SQ MI
PER A=0.00 PER B=0.00 PER C=78.00 PER D=22.00
TP= 0.15 HR MASS RAINFALL=-1

K = 0.081750HR TP = 0.150000HR K/TP RATIO = 0.545000 SHAPE CONSTANT, N = 7.106428
UNIT PEAK = 0.43225 CFS UNIT VOLUME = 0.9710 B = 526.28 P60 = 1.7300
AREA = 0.000123 SQ MI IA = 0.10000 INCHES INF = 0.04000 INCHES PER HOUR
RUNOFF COMPUTED BY INITIAL ABSTRACTION/INFILTRATION NUMBER METHOD - DT = 0.010000

K = 0.117353HR TP = 0.150000HR K/TP RATIO = 0.782353 SHAPE CONSTANT, N = 4.591638
UNIT PEAK = 1.1440 CFS UNIT VOLUME = 0.9878 B = 392.86 P60 = 1.7300
AREA = 0.000437 SQ MI IA = 0.35000 INCHES INF = 0.83000 INCHES PER HOUR
RUNOFF COMPUTED BY INITIAL ABSTRACTION/INFILTRATION NUMBER METHOD - DT = 0.010000

PRINT HYD ID=1 CODE=1

HYDROGRAPH FROM AREA EB.1

RUNOFF VOLUME = 1.26550 INCHES = 0.0378 ACRE-FEET
PEAK DISCHARGE RATE = 1.11 CFS AT 1.550 HOURS BASIN AREA = 0.0006 SQ. MI.

*
* EB2

COMPUTE NM HYD ID=1 HYD NO=EB.2 AREA=0.00223 SQ MI
PER A=0.00 PER B=0.00 PER C=70.00 PER D=30.00
TP= 0.15 HR MASS RAINFALL=-1

K = 0.081750HR TP = 0.150000HR K/TP RATIO = 0.545000 SHAPE CONSTANT, N = 7.106428
UNIT PEAK = 2.3472 CFS UNIT VOLUME = 0.9946 B = 526.28 P60 = 1.7300
AREA = 0.000669 SQ MI IA = 0.10000 INCHES INF = 0.04000 INCHES PER HOUR
RUNOFF COMPUTED BY INITIAL ABSTRACTION/INFILTRATION NUMBER METHOD - DT = 0.010000

K = 0.117353HR TP = 0.150000HR K/TP RATIO = 0.782353 SHAPE CONSTANT, N = 4.591638
UNIT PEAK = 4.0884 CFS UNIT VOLUME = 0.9966 B = 392.86 P60 = 1.7300
AREA = 0.001561 SQ MI IA = 0.35000 INCHES INF = 0.83000 INCHES PER HOUR
RUNOFF COMPUTED BY INITIAL ABSTRACTION/INFILTRATION NUMBER METHOD - DT = 0.010000

PRINT HYD ID=1 CODE=1

HYDROGRAPH FROM AREA EB.2

RUNOFF VOLUME = 1.36597 INCHES = 0.1625 ACRE-FEET
PEAK DISCHARGE RATE = 4.51 CFS AT 1.550 HOURS BASIN AREA = 0.0022 SQ. MI.

*
* EB3

COMPUTE NM HYD ID=1 HYD NO=EB.3 AREA=0.00438 SQ MI
PER A=0.00 PER B=0.00 PER C=67.00 PER D=33.00

TP= 0.15 HR MASS RAINFALL=-1

K = 0.081750HR TP = 0.150000HR K/TP RATIO = 0.545000 SHAPE CONSTANT, N = 7.106428
UNIT PEAK = 5.0712 CFS UNIT VOLUME = 0.9975 B = 526.28 P60 = 1.7300
AREA = 0.001445 SQ MI IA = 0.10000 INCHES INF = 0.04000 INCHES PER HOUR
RUNOFF COMPUTED BY INITIAL ABSTRACTION/INFILTRATION NUMBER METHOD - DT = 0.010000

K = 0.117353HR TP = 0.150000HR K/TP RATIO = 0.782353 SHAPE CONSTANT, N = 4.591638
UNIT PEAK = 7.6859 CFS UNIT VOLUME = 0.9982 B = 392.86 P60 = 1.7300
AREA = 0.002935 SQ MI IA = 0.35000 INCHES INF = 0.83000 INCHES PER HOUR
RUNOFF COMPUTED BY INITIAL ABSTRACTION/INFILTRATION NUMBER METHOD - DT = 0.010000

PRINT HYD ID=1 CODE=1

HYDROGRAPH FROM AREA EB.3

RUNOFF VOLUME = 1.40363 INCHES = 0.3279 ACRE-FEET
PEAK DISCHARGE RATE = 8.94 CFS AT 1.550 HOURS BASIN AREA = 0.0044 SQ. MI.

*
* EB4

COMPUTE NM HYD ID=1 HYD NO=EB.4 AREA=0.00206 SQ MI
PER A=0.00 PER B=0.00 PER C=15.0 PER D=85.0
TP= 0.15 HR MASS RAINFALL=-1

K = 0.081750HR TP = 0.150000HR K/TP RATIO = 0.545000 SHAPE CONSTANT, N = 7.106428
UNIT PEAK = 6.1434 CFS UNIT VOLUME = 0.9980 B = 526.28 P60 = 1.7300
AREA = 0.001751 SQ MI IA = 0.10000 INCHES INF = 0.04000 INCHES PER HOUR
RUNOFF COMPUTED BY INITIAL ABSTRACTION/INFILTRATION NUMBER METHOD - DT = 0.010000

K = 0.117353HR TP = 0.150000HR K/TP RATIO = 0.782353 SHAPE CONSTANT, N = 4.591638
UNIT PEAK = 8.0929 CFS UNIT VOLUME = 0.9829 B = 392.86 P60 = 1.7300
AREA = 0.000309 SQ MI IA = 0.35000 INCHES INF = 0.83000 INCHES PER HOUR
RUNOFF COMPUTED BY INITIAL ABSTRACTION/INFILTRATION NUMBER METHOD - DT = 0.010000

PRINT HYD ID=1 CODE=1

HYDROGRAPH FROM AREA EB.4

RUNOFF VOLUME = 2.05658 INCHES = 0.2259 ACRE-FEET
PEAK DISCHARGE RATE = 5.08 CFS AT 1.550 HOURS BASIN AREA = 0.0021 SQ. MI.

* 100-YEAR 24-HR STORM (UNDER PROPOSED CONDITIONS) *

START TIME=0.0

*

RAINFALL TYPE=2 RAIN QUARTER=0.0 IN
RAIN ONE=1.73 IN RAIN SIX=2.22 IN
RAIN DAY=2.5 IN DT=0.01 HR

24-HOUR RAINFALL DIST. - BASED ON NOAA ATLAS 14 FOR CONVECTIVE AREAS (NM & AZ) - D1
DT = 0.010000 HOURS END TIME = 24.000002 HOURS

*
* PB1

COMPUTE NM HYD ID=2 HYD NO=PB.1 AREA=0.00056 SQ MI
PER A=0.00 PER B=0.00 PER C=78.00 PER D=22.00
TP=0.15 HR MASS RAINFALL=-1

K = 0.081750HR TP = 0.150000HR K/TP RATIO = 0.545000 SHAPE CONSTANT, N = 7.106428
UNIT PEAK = 0.43225 CFS UNIT VOLUME = 0.9710 B = 526.28 P60 = 1.7300
AREA = 0.000123 SQ MI IA = 0.10000 INCHES INF = 0.04000 INCHES PER HOUR
RUNOFF COMPUTED BY INITIAL ABSTRACTION/INFILTRATION NUMBER METHOD - DT = 0.010000

K = 0.117353HR TP = 0.150000HR K/TP RATIO = 0.782353 SHAPE CONSTANT, N = 4.591638
UNIT PEAK = 1.1440 CFS UNIT VOLUME = 0.9878 B = 392.86 P60 = 1.7300
AREA = 0.000437 SQ MI IA = 0.35000 INCHES INF = 0.83000 INCHES PER HOUR
RUNOFF COMPUTED BY INITIAL ABSTRACTION/INFILTRATION NUMBER METHOD - DT = 0.010000

PRINT HYD ID=2 CODE=1

HYDROGRAPH FROM AREA PB.1

RUNOFF VOLUME = 1.26550 INCHES = 0.0378 ACRE-FEET
PEAK DISCHARGE RATE = 1.11 CFS AT 1.550 HOURS BASIN AREA = 0.0006 SQ. MI.

*
* PB2

COMPUTE NM HYD ID=3 HYD NO=PB.2 AREA=0.00310 SQ MI
PER A=0.00 PER B=5.00 PER C=10.00 PER D=85.00
TP=0.15 HR MASS RAINFALL=-1

K = 0.081750HR TP = 0.150000HR K/TP RATIO = 0.545000 SHAPE CONSTANT, N = 7.106428
UNIT PEAK = 9.2449 CFS UNIT VOLUME = 0.9987 B = 526.28 P60 = 1.7300
AREA = 0.002635 SQ MI IA = 0.10000 INCHES INF = 0.04000 INCHES PER HOUR

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RUNOFF COMPUTED BY INITIAL ABSTRACTION/INFILTRATION NUMBER METHOD - DT = 0.010000

K = 0.128294HR    TP = 0.150000HR    K/TP RATIO = 0.855290    SHAPE CONSTANT, N = 4.159611
UNIT PEAK = 1.1336    CFS    UNIT VOLUME = 0.9876    B = 365.67    P60 = 1.7300
AREA = 0.000465 SQ MI    IA = 0.40000 INCHES    INF = 0.97000 INCHES PER HOUR
RUNOFF COMPUTED BY INITIAL ABSTRACTION/INFILTRATION NUMBER METHOD - DT = 0.010000

PRINT HYD          ID=3 CODE=1

                                HYDROGRAPH FROM AREA PB.2

RUNOFF VOLUME = 2.04384 INCHES = 0.3379 ACRE-FEET
PEAK DISCHARGE RATE = 7.55 CFS AT 1.550 HOURS BASIN AREA = 0.0031 SQ. MI.

*
* PB3
*
COMPUTE NM HYD      ID=4 HYD NO=PB.3 AREA=0.00351 SQ MI
                    PER A=0.00 PER B=5.00 PER C=10.00 PER D=85.00
                    TP=0.15 HR MASS RAINFALL=-1

K = 0.081750HR    TP = 0.150000HR    K/TP RATIO = 0.545000    SHAPE CONSTANT, N = 7.106428
UNIT PEAK = 10.468    CFS    UNIT VOLUME = 0.9988    B = 526.28    P60 = 1.7300
AREA = 0.002984 SQ MI    IA = 0.10000 INCHES    INF = 0.04000 INCHES PER HOUR
RUNOFF COMPUTED BY INITIAL ABSTRACTION/INFILTRATION NUMBER METHOD - DT = 0.010000

K = 0.128294HR    TP = 0.150000HR    K/TP RATIO = 0.855290    SHAPE CONSTANT, N = 4.159611
UNIT PEAK = 1.2835    CFS    UNIT VOLUME = 0.9889    B = 365.67    P60 = 1.7300
AREA = 0.000527 SQ MI    IA = 0.40000 INCHES    INF = 0.97000 INCHES PER HOUR
RUNOFF COMPUTED BY INITIAL ABSTRACTION/INFILTRATION NUMBER METHOD - DT = 0.010000

PRINT HYD          ID=4 CODE=1

                                HYDROGRAPH FROM AREA PB.3

RUNOFF VOLUME = 2.04384 INCHES = 0.3826 ACRE-FEET
PEAK DISCHARGE RATE = 8.55 CFS AT 1.550 HOURS BASIN AREA = 0.0035 SQ. MI.

*
* PB4
*
COMPUTE NM HYD      ID=5 HYD NO=PB.4 AREA=0.00206 SQ MI
                    PER A=0.00 PER B=0.00 PER C=15 PER D=85
                    TP=0.15 HR MASS RAINFALL=-1

K = 0.081750HR    TP = 0.150000HR    K/TP RATIO = 0.545000    SHAPE CONSTANT, N = 7.106428
UNIT PEAK = 6.1434    CFS    UNIT VOLUME = 0.9980    B = 526.28    P60 = 1.7300
AREA = 0.001751 SQ MI    IA = 0.10000 INCHES    INF = 0.04000 INCHES PER HOUR
RUNOFF COMPUTED BY INITIAL ABSTRACTION/INFILTRATION NUMBER METHOD - DT = 0.010000

K = 0.117353HR    TP = 0.150000HR    K/TP RATIO = 0.782353    SHAPE CONSTANT, N = 4.591638
UNIT PEAK = 0.80929    CFS    UNIT VOLUME = 0.9829    B = 392.86    P60 = 1.7300
AREA = 0.000309 SQ MI    IA = 0.35000 INCHES    INF = 0.83000 INCHES PER HOUR
RUNOFF COMPUTED BY INITIAL ABSTRACTION/INFILTRATION NUMBER METHOD - DT = 0.010000

PRINT HYD          ID=5 CODE=1

                                HYDROGRAPH FROM AREA PB.4

RUNOFF VOLUME = 2.05658 INCHES = 0.2259 ACRE-FEET
PEAK DISCHARGE RATE = 5.08 CFS AT 1.550 HOURS BASIN AREA = 0.0021 SQ. MI.

*
* ADD BASINS PB2, PB3 AND PB4
*
ADD HYD              ID =6 HYD = 100.1 ID I = 3 ID II = 4
ADD HYD              ID =7 HYD = 100.2 ID I =6 ID II = 5

PRINT HYD          ID=7 CODE=1

                                PARTIAL HYDROGRAPH 100.20

RUNOFF VOLUME = 2.04676 INCHES = 0.9464 ACRE-FEET
PEAK DISCHARGE RATE = 21.18 CFS AT 1.550 HOURS BASIN AREA = 0.0087 SQ. MI.

*
*****
* ROUTE BASINS TO POND 1 *
*****
ROUTE RESERVOIR      ID=8 HYD NO=POND.1 INFLOW ID=7 CODE=1
                     OUTFLOW(CFS) STORAGE(AC-FT) ELEVATION(FT)
                     0.0000 0.0000 4958.75
                     1.8908 0.2728 4959.5
                     2.6740 0.3307 4959.75
                     3.2750 0.3920 4960
                     4.2280 0.5230 4960.5
                     5.0027 0.6677 4961

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TIME (HRS)	INFLOW (CFS)	ELEV (FEET)	VOLUME (AC-FT)	OUTFLOW (CFS)
0.00	0.00	4958.75	0.000	0.00
0.01	0.00	4958.75	0.000	0.00
0.02	0.00	4958.75	0.000	0.00
0.03	0.00	4958.75	0.000	0.00
0.04	0.00	4958.75	0.000	0.00
0.05	0.00	4958.75	0.000	0.00
0.06	0.00	4958.75	0.000	0.00
0.07	0.00	4958.75	0.000	0.00
0.08	0.00	4958.75	0.000	0.00
0.09	0.00	4958.75	0.000	0.00
0.10	0.00	4958.75	0.000	0.00
0.11	0.00	4958.75	0.000	0.00
0.12	0.00	4958.75	0.000	0.00
0.13	0.00	4958.75	0.000	0.00
0.14	0.00	4958.75	0.000	0.00
0.15	0.00	4958.75	0.000	0.00
0.16	0.00	4958.75	0.000	0.00
0.17	0.00	4958.75	0.000	0.00
0.18	0.00	4958.75	0.000	0.00
0.19	0.00	4958.75	0.000	0.00
0.20	0.00	4958.75	0.000	0.00
0.21	0.00	4958.75	0.000	0.00
0.22	0.00	4958.75	0.000	0.00
0.23	0.00	4958.75	0.000	0.00
0.24	0.00	4958.75	0.000	0.00
0.25	0.00	4958.75	0.000	0.00
0.26	0.00	4958.75	0.000	0.00
0.27	0.00	4958.75	0.000	0.00
0.28	0.00	4958.75	0.000	0.00
0.29	0.00	4958.75	0.000	0.00
0.30	0.00	4958.75	0.000	0.00
0.31	0.00	4958.75	0.000	0.00
0.32	0.00	4958.75	0.000	0.00
0.33	0.00	4958.75	0.000	0.00
0.34	0.00	4958.75	0.000	0.00
0.35	0.00	4958.75	0.000	0.00
0.36	0.00	4958.75	0.000	0.00
0.37	0.00	4958.75	0.000	0.00
0.38	0.00	4958.75	0.000	0.00
0.39	0.00	4958.75	0.000	0.00
0.40	0.00	4958.75	0.000	0.00
0.41	0.00	4958.75	0.000	0.00
0.42	0.00	4958.75	0.000	0.00
0.43	0.00	4958.75	0.000	0.00
0.44	0.00	4958.75	0.000	0.00
0.45	0.00	4958.75	0.000	0.00
0.46	0.00	4958.75	0.000	0.00
0.47	0.00	4958.75	0.000	0.00
0.48	0.00	4958.75	0.000	0.00
0.49	0.00	4958.75	0.000	0.00
0.50	0.00	4958.75	0.000	0.00
0.51	0.00	4958.75	0.000	0.00
0.52	0.00	4958.75	0.000	0.00
0.53	0.00	4958.75	0.000	0.00
0.54	0.00	4958.75	0.000	0.00
0.55	0.00	4958.75	0.000	0.00

TIME (HRS)	INFLOW (CFS)	ELEV (FEET)	VOLUME (AC-FT)	OUTFLOW (CFS)
0.56	0.00	4958.75	0.000	0.00
0.57	0.00	4958.75	0.000	0.00
0.58	0.00	4958.75	0.000	0.00
0.59	0.00	4958.75	0.000	0.00
0.60	0.00	4958.75	0.000	0.00
0.61	0.00	4958.75	0.000	0.00
0.62	0.00	4958.75	0.000	0.00
0.63	0.00	4958.75	0.000	0.00
0.64	0.00	4958.75	0.000	0.00
0.65	0.00	4958.75	0.000	0.00
0.66	0.00	4958.75	0.000	0.00
0.67	0.00	4958.75	0.000	0.00
0.68	0.00	4958.75	0.000	0.00
0.69	0.00	4958.75	0.000	0.00
0.70	0.00	4958.75	0.000	0.00
0.71	0.01	4958.75	0.000	0.00
0.72	0.02	4958.75	0.000	0.00
0.73	0.04	4958.75	0.000	0.00
0.74	0.07	4958.75	0.000	0.00
0.75	0.10	4958.75	0.000	0.00
0.76	0.15	4958.75	0.000	0.00
0.77	0.20	4958.75	0.000	0.00
0.78	0.25	4958.75	0.001	0.00
0.79	0.31	4958.75	0.001	0.01
0.80	0.37	4958.75	0.001	0.01
0.81	0.43	4958.75	0.001	0.01
0.82	0.49	4958.75	0.002	0.01
0.83	0.54	4958.76	0.002	0.02
0.84	0.60	4958.76	0.003	0.02
0.85	0.65	4958.76	0.003	0.02
0.86	0.70	4958.76	0.004	0.03
0.87	0.74	4958.76	0.004	0.03
0.88	0.78	4958.76	0.005	0.03
0.89	0.82	4958.77	0.006	0.04
0.90	0.86	4958.77	0.006	0.04
0.91	0.89	4958.77	0.007	0.05
0.92	0.92	4958.77	0.008	0.05
0.93	0.95	4958.77	0.008	0.06
0.94	0.98	4958.77	0.009	0.06
0.95	1.01	4958.78	0.010	0.07
0.96	1.04	4958.78	0.011	0.07

0.97	1.07	4958.78	0.011	0.08
0.98	1.10	4958.78	0.012	0.08
0.99	1.13	4958.79	0.013	0.09
1.00	1.17	4958.79	0.014	0.10
1.01	1.21	4958.79	0.015	0.10
1.02	1.26	4958.79	0.016	0.11
1.03	1.31	4958.80	0.017	0.12
1.04	1.36	4958.80	0.018	0.12
1.05	1.42	4958.80	0.019	0.13
1.06	1.48	4958.80	0.020	0.14
1.07	1.54	4958.81	0.021	0.15
1.08	1.61	4958.81	0.022	0.15
1.09	1.68	4958.81	0.023	0.16
1.10	1.76	4958.82	0.025	0.17
1.11	1.83	4958.82	0.026	0.18

TIME (HRS)	INFLOW (CFS)	ELEV (FEET)	VOLUME (AC-FT)	OUTFLOW (CFS)
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1.12	1.91	4958.83	0.027	0.19
1.13	1.99	4958.83	0.029	0.20
1.14	2.07	4958.83	0.030	0.21
1.15	2.16	4958.84	0.032	0.22
1.16	2.25	4958.84	0.034	0.23
1.17	2.35	4958.85	0.035	0.24
1.18	2.45	4958.85	0.037	0.26
1.19	2.55	4958.86	0.039	0.27
1.20	2.66	4958.86	0.041	0.28
1.21	2.78	4958.87	0.043	0.30
1.22	2.90	4958.87	0.045	0.31
1.23	3.02	4958.88	0.047	0.33
1.24	3.16	4958.89	0.049	0.34
1.25	3.31	4958.89	0.052	0.36
1.26	3.48	4958.90	0.054	0.38
1.27	3.65	4958.91	0.057	0.39
1.28	3.84	4958.91	0.060	0.41
1.29	4.04	4958.92	0.063	0.43
1.30	4.26	4958.93	0.066	0.46
1.31	4.50	4958.94	0.069	0.48
1.32	4.76	4958.95	0.072	0.50
1.33	5.06	4958.96	0.076	0.53
1.34	5.38	4958.97	0.080	0.55
1.35	5.74	4958.98	0.084	0.58
1.36	6.13	4958.99	0.088	0.61
1.37	6.55	4959.01	0.093	0.65
1.38	7.04	4959.02	0.098	0.68
1.39	7.61	4959.04	0.104	0.72
1.40	8.29	4959.05	0.110	0.76
1.41	9.09	4959.07	0.116	0.80
1.42	10.02	4959.09	0.123	0.85
1.43	11.08	4959.11	0.131	0.91
1.44	12.26	4959.14	0.140	0.97
1.45	13.52	4959.16	0.150	1.04
1.46	14.82	4959.19	0.161	1.11
1.47	16.10	4959.22	0.173	1.20
1.48	17.31	4959.26	0.185	1.29
1.49	18.40	4959.30	0.199	1.38
1.50	19.33	4959.34	0.213	1.48
1.51	20.08	4959.38	0.229	1.58
1.52	20.64	4959.42	0.244	1.69
1.53	21.00	4959.46	0.260	1.80
1.54	21.18	4959.51	0.276	1.93
1.55	21.18	4959.58	0.291	2.14
1.56	21.02	4959.65	0.307	2.35
1.57	20.72	4959.71	0.322	2.56
1.58	20.30	4959.78	0.337	2.74
1.59	19.78	4959.83	0.351	2.88
1.60	19.18	4959.89	0.365	3.01
1.61	18.52	4959.94	0.378	3.14
1.62	17.82	4959.99	0.390	3.26
1.63	17.10	4960.04	0.402	3.35
1.64	16.37	4960.08	0.413	3.43
1.65	15.64	4960.12	0.423	3.50
1.66	14.91	4960.16	0.433	3.57
1.67	14.20	4960.19	0.442	3.64

TIME (HRS)	INFLOW (CFS)	ELEV (FEET)	VOLUME (AC-FT)	OUTFLOW (CFS)
---------------	-----------------	----------------	-------------------	------------------

1.68	13.50	4960.22	0.451	3.70
1.69	12.82	4960.25	0.458	3.76
1.70	12.18	4960.28	0.466	3.81
1.71	11.56	4960.31	0.472	3.86
1.72	10.99	4960.33	0.478	3.90
1.73	10.45	4960.35	0.484	3.94
1.74	9.95	4960.37	0.489	3.98
1.75	9.48	4960.39	0.494	4.02
1.76	9.04	4960.41	0.498	4.05
1.77	8.63	4960.42	0.502	4.08
1.78	8.24	4960.43	0.506	4.10
1.79	7.89	4960.45	0.509	4.13
1.80	7.55	4960.46	0.512	4.15
1.81	7.24	4960.47	0.515	4.17
1.82	6.95	4960.48	0.517	4.18
1.83	6.67	4960.49	0.519	4.20
1.84	6.41	4960.49	0.521	4.21
1.85	6.16	4960.50	0.523	4.23
1.86	5.93	4960.50	0.524	4.24
1.87	5.71	4960.51	0.526	4.24
1.88	5.51	4960.51	0.527	4.25
1.89	5.31	4960.52	0.528	4.25
1.90	5.13	4960.52	0.529	4.26
1.91	4.95	4960.52	0.529	4.26
1.92	4.78	4960.52	0.530	4.26
1.93	4.62	4960.52	0.530	4.27
1.94	4.46	4960.52	0.530	4.27
1.95	4.32	4960.53	0.530	4.27
1.96	4.18	4960.53	0.530	4.27

1.97	4.04	4960.52	0.530	4.27
1.98	3.91	4960.52	0.530	4.27
1.99	3.79	4960.52	0.530	4.26
2.00	3.66	4960.52	0.529	4.26
2.01	3.55	4960.52	0.529	4.26
2.02	3.43	4960.52	0.528	4.25
2.03	3.32	4960.51	0.527	4.25
2.04	3.21	4960.51	0.526	4.25
2.05	3.11	4960.51	0.526	4.24
2.06	3.01	4960.51	0.525	4.24
2.07	2.91	4960.50	0.524	4.23
2.08	2.82	4960.50	0.522	4.22
2.09	2.73	4960.49	0.521	4.22
2.10	2.65	4960.49	0.520	4.21
2.11	2.57	4960.48	0.519	4.20
2.12	2.50	4960.48	0.517	4.19
2.13	2.43	4960.47	0.516	4.18
2.14	2.36	4960.47	0.514	4.17
2.15	2.30	4960.46	0.513	4.15
2.16	2.23	4960.46	0.511	4.14
2.17	2.18	4960.45	0.510	4.13
2.18	2.12	4960.44	0.508	4.12
2.19	2.06	4960.44	0.506	4.11
2.20	2.01	4960.43	0.505	4.09
2.21	1.96	4960.42	0.503	4.08
2.22	1.91	4960.42	0.501	4.07
2.23	1.86	4960.41	0.499	4.06
TIME (HRS)	INFLOW (CFS)	ELEV (FEET)	VOLUME (AC-FT)	OUTFLOW (CFS)
2.24	1.81	4960.40	0.498	4.04
2.25	1.77	4960.40	0.496	4.03
2.26	1.72	4960.39	0.494	4.02
2.27	1.68	4960.38	0.492	4.00
2.28	1.64	4960.37	0.490	3.99
2.29	1.60	4960.37	0.488	3.97
2.30	1.57	4960.36	0.486	3.96
2.31	1.53	4960.35	0.484	3.94
2.32	1.50	4960.34	0.482	3.93
2.33	1.47	4960.34	0.480	3.92
2.34	1.44	4960.33	0.478	3.90
2.35	1.41	4960.32	0.476	3.89
2.36	1.38	4960.31	0.474	3.87
2.37	1.36	4960.31	0.472	3.86
2.38	1.33	4960.30	0.470	3.84
2.39	1.31	4960.29	0.468	3.83
2.40	1.28	4960.28	0.466	3.81
2.41	1.25	4960.27	0.464	3.80
2.42	1.21	4960.27	0.461	3.78
2.43	1.18	4960.26	0.459	3.76
2.44	1.14	4960.25	0.457	3.75
2.45	1.10	4960.24	0.455	3.73
2.46	1.05	4960.23	0.453	3.72
2.47	1.01	4960.22	0.451	3.70
2.48	0.97	4960.22	0.448	3.68
2.49	0.92	4960.21	0.446	3.67
2.50	0.88	4960.20	0.444	3.65
2.51	0.84	4960.19	0.442	3.64
2.52	0.80	4960.18	0.439	3.62
2.53	0.77	4960.17	0.437	3.60
2.54	0.74	4960.16	0.435	3.58
2.55	0.71	4960.15	0.432	3.57
2.56	0.68	4960.14	0.430	3.55
2.57	0.65	4960.14	0.427	3.53
2.58	0.63	4960.13	0.425	3.52
2.59	0.61	4960.12	0.423	3.50
2.60	0.59	4960.11	0.420	3.48
2.61	0.57	4960.10	0.418	3.46
2.62	0.55	4960.09	0.415	3.45
2.63	0.53	4960.08	0.413	3.43
2.64	0.52	4960.07	0.411	3.41
2.65	0.50	4960.06	0.408	3.39
2.66	0.49	4960.05	0.406	3.38
2.67	0.48	4960.04	0.404	3.36
2.68	0.46	4960.04	0.401	3.34
2.69	0.45	4960.03	0.399	3.32
2.70	0.44	4960.02	0.396	3.31
2.71	0.43	4960.01	0.394	3.29
2.72	0.42	4960.00	0.392	3.27
2.73	0.41	4959.99	0.389	3.25
2.74	0.40	4959.98	0.387	3.23
2.75	0.39	4959.97	0.385	3.20
2.76	0.38	4959.96	0.382	3.18
2.77	0.37	4959.95	0.380	3.16
2.78	0.36	4959.94	0.378	3.14
2.79	0.35	4959.93	0.375	3.11
TIME (HRS)	INFLOW (CFS)	ELEV (FEET)	VOLUME (AC-FT)	OUTFLOW (CFS)
2.80	0.35	4959.92	0.373	3.09
2.81	0.34	4959.91	0.371	3.07
2.82	0.33	4959.90	0.369	3.05
2.83	0.32	4959.90	0.366	3.02
2.84	0.31	4959.89	0.364	3.00
2.85	0.31	4959.88	0.362	2.98
2.86	0.30	4959.87	0.360	2.96
2.87	0.29	4959.86	0.358	2.94
2.88	0.28	4959.85	0.355	2.92
2.89	0.28	4959.84	0.353	2.89
2.90	0.27	4959.83	0.351	2.87
2.91	0.26	4959.82	0.349	2.85
2.92	0.26	4959.82	0.347	2.83
2.93	0.25	4959.81	0.345	2.81
2.94	0.25	4959.80	0.343	2.79
2.95	0.24	4959.79	0.340	2.77
2.96	0.24	4959.78	0.338	2.75

2.97	0.23	4959.77	0.336	2.73
2.98	0.23	4959.76	0.334	2.71
2.99	0.23	4959.76	0.332	2.69
3.00	0.22	4959.75	0.330	2.67
3.01	0.22	4959.74	0.328	2.64
3.02	0.22	4959.73	0.326	2.61
3.03	0.21	4959.72	0.324	2.59
3.04	0.21	4959.71	0.322	2.56
3.05	0.21	4959.71	0.320	2.53
3.06	0.20	4959.70	0.318	2.51
3.07	0.20	4959.69	0.317	2.48
3.08	0.20	4959.68	0.315	2.46
3.09	0.20	4959.67	0.313	2.43
3.10	0.19	4959.66	0.311	2.41
3.11	0.19	4959.66	0.309	2.38
3.12	0.19	4959.65	0.307	2.36
3.13	0.19	4959.64	0.306	2.33
3.14	0.18	4959.63	0.304	2.31
3.15	0.18	4959.63	0.302	2.29
3.16	0.18	4959.62	0.300	2.26
3.17	0.18	4959.61	0.299	2.24
3.18	0.17	4959.60	0.297	2.22
3.19	0.17	4959.60	0.295	2.19
3.20	0.17	4959.59	0.294	2.17
3.21	0.17	4959.58	0.292	2.15
3.22	0.17	4959.58	0.290	2.13
3.23	0.17	4959.57	0.289	2.11
3.24	0.17	4959.56	0.287	2.08
3.25	0.16	4959.55	0.285	2.06
3.26	0.16	4959.55	0.284	2.04
3.27	0.16	4959.54	0.282	2.02
3.28	0.16	4959.53	0.281	2.00
3.29	0.16	4959.53	0.279	1.98
3.30	0.16	4959.52	0.278	1.96
3.31	0.16	4959.52	0.276	1.94
3.32	0.16	4959.51	0.275	1.92
3.33	0.15	4959.50	0.273	1.90
3.34	0.15	4959.50	0.272	1.89
3.35	0.15	4959.49	0.271	1.88

TIME (HRS)	INFLOW (CFS)	ELEV (FEET)	VOLUME (AC-FT)	OUTFLOW (CFS)
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3.36	0.15	4959.49	0.269	1.87
3.37	0.15	4959.49	0.268	1.86
3.38	0.15	4959.48	0.266	1.85
3.39	0.15	4959.48	0.265	1.84
3.40	0.15	4959.47	0.264	1.83
3.41	0.15	4959.47	0.262	1.82
3.42	0.15	4959.47	0.261	1.81
3.43	0.14	4959.46	0.259	1.80
3.44	0.14	4959.46	0.258	1.79
3.45	0.14	4959.46	0.257	1.78
3.46	0.14	4959.45	0.255	1.77
3.47	0.14	4959.45	0.254	1.76
3.48	0.14	4959.44	0.253	1.75
3.49	0.14	4959.44	0.251	1.74
3.50	0.14	4959.44	0.250	1.73
3.51	0.14	4959.43	0.249	1.72
3.52	0.14	4959.43	0.247	1.71
3.53	0.14	4959.43	0.246	1.71
3.54	0.14	4959.42	0.245	1.70
3.55	0.14	4959.42	0.244	1.69
3.56	0.14	4959.42	0.242	1.68
3.57	0.14	4959.41	0.241	1.67
3.58	0.14	4959.41	0.240	1.66
3.59	0.14	4959.41	0.238	1.65
3.60	0.14	4959.40	0.237	1.64
3.61	0.14	4959.40	0.236	1.64
3.62	0.13	4959.40	0.235	1.63
3.63	0.13	4959.39	0.234	1.62
3.64	0.13	4959.39	0.232	1.61
3.65	0.13	4959.39	0.231	1.60
3.66	0.13	4959.38	0.230	1.59
3.67	0.13	4959.38	0.229	1.58
3.68	0.13	4959.38	0.227	1.58
3.69	0.13	4959.37	0.226	1.57
3.70	0.13	4959.37	0.225	1.56
3.71	0.13	4959.37	0.224	1.55
3.72	0.13	4959.36	0.223	1.54
3.73	0.13	4959.36	0.222	1.54
3.74	0.13	4959.36	0.220	1.53
3.75	0.13	4959.35	0.219	1.52
3.76	0.13	4959.35	0.218	1.51
3.77	0.13	4959.35	0.217	1.50
3.78	0.13	4959.34	0.216	1.50
3.79	0.13	4959.34	0.215	1.49
3.80	0.13	4959.34	0.214	1.48
3.81	0.13	4959.33	0.213	1.47
3.82	0.13	4959.33	0.211	1.47
3.83	0.13	4959.33	0.210	1.46
3.84	0.13	4959.33	0.209	1.45
3.85	0.13	4959.32	0.208	1.44
3.86	0.13	4959.32	0.207	1.43
3.87	0.13	4959.32	0.206	1.43
3.88	0.13	4959.31	0.205	1.42
3.89	0.13	4959.31	0.204	1.41
3.90	0.13	4959.31	0.203	1.41
3.91	0.13	4959.30	0.202	1.40

TIME (HRS)	INFLOW (CFS)	ELEV (FEET)	VOLUME (AC-FT)	OUTFLOW (CFS)
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3.92	0.13	4959.30	0.201	1.39
3.93	0.13	4959.30	0.200	1.38
3.94	0.13	4959.30	0.199	1.38
3.95	0.13	4959.29	0.198	1.37
3.96	0.13	4959.29	0.197	1.36

3.97	0.13	4959.29	0.196	1.36
3.98	0.13	4959.28	0.195	1.35
3.99	0.13	4959.28	0.194	1.34
4.00	0.13	4959.28	0.193	1.33
4.01	0.13	4959.28	0.192	1.33
4.02	0.13	4959.27	0.191	1.32
4.03	0.13	4959.27	0.190	1.31
4.04	0.13	4959.27	0.189	1.31
4.05	0.13	4959.27	0.188	1.30
4.06	0.13	4959.26	0.187	1.29
4.07	0.13	4959.26	0.186	1.29
4.08	0.13	4959.26	0.185	1.28
4.09	0.13	4959.26	0.184	1.27
4.10	0.13	4959.25	0.183	1.27
4.11	0.13	4959.25	0.182	1.26
4.12	0.13	4959.25	0.181	1.25
4.13	0.13	4959.25	0.180	1.25
4.14	0.13	4959.24	0.179	1.24
4.15	0.13	4959.24	0.178	1.24
4.16	0.13	4959.24	0.177	1.23
4.17	0.13	4959.23	0.176	1.22
4.18	0.13	4959.23	0.175	1.22
4.19	0.13	4959.23	0.175	1.21
4.20	0.13	4959.23	0.174	1.20
4.21	0.13	4959.23	0.173	1.20
4.22	0.13	4959.22	0.172	1.19
4.23	0.13	4959.22	0.171	1.19
4.24	0.13	4959.22	0.170	1.18
4.25	0.13	4959.22	0.169	1.17
4.26	0.13	4959.21	0.168	1.17
4.27	0.13	4959.21	0.168	1.16
4.28	0.13	4959.21	0.167	1.16
4.29	0.13	4959.21	0.166	1.15
4.30	0.13	4959.20	0.165	1.14
4.31	0.13	4959.20	0.164	1.14
4.32	0.13	4959.20	0.163	1.13
4.33	0.13	4959.20	0.163	1.13
4.34	0.13	4959.19	0.162	1.12
4.35	0.13	4959.19	0.161	1.12
4.36	0.13	4959.19	0.160	1.11
4.37	0.13	4959.19	0.159	1.10
4.38	0.13	4959.19	0.158	1.10
4.39	0.13	4959.18	0.158	1.09
4.40	0.13	4959.18	0.157	1.09
4.41	0.13	4959.18	0.156	1.08
4.42	0.13	4959.18	0.155	1.08
4.43	0.13	4959.17	0.155	1.07
4.44	0.13	4959.17	0.154	1.07
4.45	0.13	4959.17	0.153	1.06
4.46	0.13	4959.17	0.152	1.06
4.47	0.13	4959.17	0.151	1.05

TIME (HRS)	INFLOW (CFS)	ELEV (FEET)	VOLUME (AC-FT)	OUTFLOW (CFS)
4.48	0.13	4959.16	0.151	1.04
4.49	0.13	4959.16	0.150	1.04
4.50	0.13	4959.16	0.149	1.03
4.51	0.13	4959.16	0.148	1.03
4.52	0.13	4959.16	0.148	1.02
4.53	0.13	4959.15	0.147	1.02
4.54	0.13	4959.15	0.146	1.01
4.55	0.13	4959.15	0.146	1.01
4.56	0.13	4959.15	0.145	1.00
4.57	0.13	4959.15	0.144	1.00
4.58	0.13	4959.14	0.143	0.99
4.59	0.13	4959.14	0.143	0.99
4.60	0.13	4959.14	0.142	0.98
4.61	0.13	4959.14	0.141	0.98
4.62	0.13	4959.14	0.141	0.97
4.63	0.13	4959.13	0.140	0.97
4.64	0.13	4959.13	0.139	0.96
4.65	0.13	4959.13	0.139	0.96
4.66	0.13	4959.13	0.138	0.96
4.67	0.13	4959.13	0.137	0.95
4.68	0.13	4959.12	0.136	0.95
4.69	0.13	4959.12	0.136	0.94
4.70	0.13	4959.12	0.135	0.94
4.71	0.13	4959.12	0.134	0.93
4.72	0.14	4959.12	0.134	0.93
4.73	0.14	4959.12	0.133	0.92
4.74	0.14	4959.11	0.133	0.92
4.75	0.14	4959.11	0.132	0.91
4.76	0.14	4959.11	0.131	0.91
4.77	0.14	4959.11	0.131	0.91
4.78	0.14	4959.11	0.130	0.90
4.79	0.14	4959.11	0.129	0.90
4.80	0.14	4959.10	0.129	0.89
4.81	0.14	4959.10	0.128	0.89
4.82	0.14	4959.10	0.127	0.88
4.83	0.14	4959.10	0.127	0.88
4.84	0.14	4959.10	0.126	0.87
4.85	0.14	4959.10	0.126	0.87
4.86	0.14	4959.09	0.125	0.87
4.87	0.14	4959.09	0.124	0.86
4.88	0.14	4959.09	0.124	0.86
4.89	0.14	4959.09	0.123	0.85
4.90	0.14	4959.09	0.123	0.85
4.91	0.14	4959.09	0.122	0.85
4.92	0.14	4959.08	0.121	0.84
4.93	0.14	4959.08	0.121	0.84
4.94	0.14	4959.08	0.120	0.83
4.95	0.14	4959.08	0.120	0.83
4.96	0.14	4959.08	0.119	0.83
4.97	0.14	4959.08	0.119	0.82
4.98	0.14	4959.07	0.118	0.82
4.99	0.14	4959.07	0.117	0.81
5.00	0.14	4959.07	0.117	0.81

5.01	0.14	4959.07	0.116	0.81
5.02	0.14	4959.07	0.116	0.80
5.03	0.14	4959.07	0.115	0.80
TIME (HRS)	INFLOW (CFS)	ELEV (FEET)	VOLUME (AC-FT)	OUTFLOW (CFS)
5.04	0.14	4959.07	0.115	0.80
5.05	0.14	4959.06	0.114	0.79
5.06	0.14	4959.06	0.114	0.79
5.07	0.14	4959.06	0.113	0.78
5.08	0.14	4959.06	0.113	0.78
5.09	0.14	4959.06	0.112	0.78
5.10	0.14	4959.06	0.112	0.77
5.11	0.14	4959.06	0.111	0.77
5.12	0.14	4959.05	0.111	0.77
5.13	0.14	4959.05	0.110	0.76
5.14	0.14	4959.05	0.110	0.76
5.15	0.14	4959.05	0.109	0.76
5.16	0.14	4959.05	0.108	0.75
5.17	0.14	4959.05	0.108	0.75
5.18	0.15	4959.05	0.107	0.75
5.19	0.15	4959.04	0.107	0.74
5.20	0.15	4959.04	0.107	0.74
5.21	0.15	4959.04	0.106	0.73
5.22	0.15	4959.04	0.106	0.73
5.23	0.15	4959.04	0.105	0.73
5.24	0.15	4959.04	0.105	0.72
5.25	0.15	4959.04	0.104	0.72
5.26	0.15	4959.03	0.104	0.72
5.27	0.15	4959.03	0.103	0.71
5.28	0.15	4959.03	0.103	0.71
5.29	0.15	4959.03	0.102	0.71
5.30	0.15	4959.03	0.102	0.71
5.31	0.15	4959.03	0.101	0.70
5.32	0.15	4959.03	0.101	0.70
5.33	0.15	4959.03	0.100	0.70
5.34	0.15	4959.02	0.100	0.69
5.35	0.15	4959.02	0.099	0.69
5.36	0.15	4959.02	0.099	0.69
5.37	0.15	4959.02	0.099	0.68
5.38	0.15	4959.02	0.098	0.68
5.39	0.15	4959.02	0.098	0.68
5.40	0.15	4959.02	0.097	0.67
5.41	0.15	4959.02	0.097	0.67
5.42	0.15	4959.02	0.096	0.67
5.43	0.15	4959.01	0.096	0.67
5.44	0.15	4959.01	0.096	0.66
5.45	0.15	4959.01	0.095	0.66
5.46	0.15	4959.01	0.095	0.66
5.47	0.15	4959.01	0.094	0.65
5.48	0.15	4959.01	0.094	0.65
5.49	0.15	4959.01	0.094	0.65
5.50	0.15	4959.01	0.093	0.65
5.51	0.15	4959.00	0.093	0.64
5.52	0.15	4959.00	0.092	0.64
5.53	0.15	4959.00	0.092	0.64
5.54	0.16	4959.00	0.091	0.63
5.55	0.16	4959.00	0.091	0.63
5.56	0.16	4959.00	0.091	0.63
5.57	0.16	4959.00	0.090	0.63
5.58	0.16	4959.00	0.090	0.62
5.59	0.16	4959.00	0.090	0.62
TIME (HRS)	INFLOW (CFS)	ELEV (FEET)	VOLUME (AC-FT)	OUTFLOW (CFS)
5.60	0.16	4959.00	0.089	0.62
5.61	0.16	4958.99	0.089	0.62
5.62	0.16	4958.99	0.088	0.61
5.63	0.16	4958.99	0.088	0.61
5.64	0.16	4958.99	0.088	0.61
5.65	0.16	4958.99	0.087	0.60
5.66	0.16	4958.99	0.087	0.60
5.67	0.16	4958.99	0.087	0.60
5.68	0.16	4958.99	0.086	0.60
5.69	0.16	4958.99	0.086	0.59
5.70	0.16	4958.98	0.085	0.59
5.71	0.16	4958.98	0.085	0.59
5.72	0.16	4958.98	0.085	0.59
5.73	0.16	4958.98	0.084	0.59
5.74	0.16	4958.98	0.084	0.58
5.75	0.16	4958.98	0.084	0.58
5.76	0.16	4958.98	0.083	0.58
5.77	0.16	4958.98	0.083	0.58
5.78	0.16	4958.98	0.083	0.57
5.79	0.16	4958.98	0.082	0.57
5.80	0.16	4958.98	0.082	0.57
5.81	0.16	4958.97	0.082	0.57
5.82	0.16	4958.97	0.081	0.56
5.83	0.16	4958.97	0.081	0.56
5.84	0.16	4958.97	0.081	0.56
5.85	0.16	4958.97	0.080	0.56
5.86	0.16	4958.97	0.080	0.55
5.87	0.17	4958.97	0.080	0.55
5.88	0.17	4958.97	0.079	0.55
5.89	0.17	4958.97	0.079	0.55
5.90	0.17	4958.97	0.079	0.55
5.91	0.17	4958.97	0.078	0.54
5.92	0.17	4958.96	0.078	0.54
5.93	0.17	4958.96	0.078	0.54
5.94	0.17	4958.96	0.078	0.54
5.95	0.17	4958.96	0.077	0.54
5.96	0.17	4958.96	0.077	0.53
5.97	0.17	4958.96	0.077	0.53
5.98	0.17	4958.96	0.076	0.53
5.99	0.17	4958.96	0.076	0.53
6.00	0.17	4958.96	0.076	0.52

6.01	0.17	4958.96	0.075	0.52
6.02	0.17	4958.96	0.075	0.52
6.03	0.17	4958.96	0.075	0.52
6.04	0.17	4958.96	0.075	0.52
6.05	0.17	4958.95	0.074	0.51
6.06	0.17	4958.95	0.074	0.51
6.07	0.17	4958.95	0.074	0.51
6.08	0.17	4958.95	0.073	0.51
6.09	0.17	4958.95	0.073	0.51
6.10	0.16	4958.95	0.073	0.51
6.11	0.16	4958.95	0.073	0.50
6.12	0.15	4958.95	0.072	0.50
6.13	0.15	4958.95	0.072	0.50
6.14	0.14	4958.95	0.072	0.50
6.15	0.14	4958.95	0.071	0.49

TIME (HRS)	INFLOW (CFS)	ELEV (FEET)	VOLUME (AC-FT)	OUTFLOW (CFS)
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6.16	0.13	4958.95	0.071	0.49
6.17	0.13	4958.94	0.071	0.49
6.18	0.12	4958.94	0.071	0.49
6.19	0.12	4958.94	0.070	0.49
6.20	0.11	4958.94	0.070	0.48
6.21	0.11	4958.94	0.070	0.48
6.22	0.11	4958.94	0.069	0.48
6.23	0.10	4958.94	0.069	0.48
6.24	0.10	4958.94	0.069	0.48
6.25	0.10	4958.94	0.068	0.47
6.26	0.10	4958.94	0.068	0.47
6.27	0.09	4958.94	0.068	0.47
6.28	0.09	4958.94	0.067	0.47
6.29	0.09	4958.93	0.067	0.47
6.30	0.09	4958.93	0.067	0.46
6.31	0.09	4958.93	0.067	0.46
6.32	0.09	4958.93	0.066	0.46
6.33	0.09	4958.93	0.066	0.46
6.34	0.09	4958.93	0.066	0.45
6.35	0.09	4958.93	0.065	0.45
6.36	0.09	4958.93	0.065	0.45
6.37	0.09	4958.93	0.065	0.45
6.38	0.08	4958.93	0.064	0.45
6.39	0.08	4958.93	0.064	0.44
6.40	0.08	4958.93	0.064	0.44
6.41	0.08	4958.92	0.063	0.44
6.42	0.08	4958.92	0.063	0.44
6.43	0.08	4958.92	0.063	0.44
6.44	0.08	4958.92	0.063	0.43
6.45	0.08	4958.92	0.062	0.43
6.46	0.08	4958.92	0.062	0.43
6.47	0.08	4958.92	0.062	0.43
6.48	0.08	4958.92	0.061	0.43
6.49	0.08	4958.92	0.061	0.42
6.50	0.08	4958.92	0.061	0.42
6.51	0.08	4958.92	0.061	0.42
6.52	0.08	4958.92	0.060	0.42
6.53	0.08	4958.92	0.060	0.42
6.54	0.08	4958.91	0.060	0.41
6.55	0.08	4958.91	0.059	0.41
6.56	0.08	4958.91	0.059	0.41
6.57	0.08	4958.91	0.059	0.41
6.58	0.08	4958.91	0.059	0.41
6.59	0.08	4958.91	0.058	0.40
6.60	0.08	4958.91	0.058	0.40
6.61	0.08	4958.91	0.058	0.40
6.62	0.08	4958.91	0.058	0.40
6.63	0.08	4958.91	0.057	0.40
6.64	0.08	4958.91	0.057	0.40
6.65	0.08	4958.91	0.057	0.39
6.66	0.08	4958.91	0.057	0.39
6.67	0.08	4958.90	0.056	0.39
6.68	0.08	4958.90	0.056	0.39
6.69	0.08	4958.90	0.056	0.39
6.70	0.08	4958.90	0.056	0.38
6.71	0.08	4958.90	0.055	0.38

TIME (HRS)	INFLOW (CFS)	ELEV (FEET)	VOLUME (AC-FT)	OUTFLOW (CFS)
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6.72	0.08	4958.90	0.055	0.38
6.73	0.08	4958.90	0.055	0.38
6.74	0.08	4958.90	0.055	0.38
6.75	0.08	4958.90	0.054	0.38
6.76	0.08	4958.90	0.054	0.37
6.77	0.08	4958.90	0.054	0.37
6.78	0.08	4958.90	0.054	0.37
6.79	0.08	4958.90	0.053	0.37
6.80	0.08	4958.90	0.053	0.37
6.81	0.08	4958.90	0.053	0.37
6.82	0.08	4958.89	0.053	0.36
6.83	0.08	4958.89	0.052	0.36
6.84	0.08	4958.89	0.052	0.36
6.85	0.08	4958.89	0.052	0.36
6.86	0.07	4958.89	0.052	0.36
6.87	0.07	4958.89	0.051	0.36
6.88	0.07	4958.89	0.051	0.35
6.89	0.07	4958.89	0.051	0.35
6.90	0.07	4958.89	0.051	0.35
6.91	0.07	4958.89	0.050	0.35
6.92	0.07	4958.89	0.050	0.35
6.93	0.07	4958.89	0.050	0.35
6.94	0.07	4958.89	0.050	0.35
6.95	0.07	4958.89	0.050	0.34
6.96	0.07	4958.89	0.049	0.34
6.97	0.07	4958.89	0.049	0.34
6.98	0.07	4958.88	0.049	0.34
6.99	0.07	4958.88	0.049	0.34
7.00	0.07	4958.88	0.048	0.34

7.01	0.07	4958.88	0.048	0.33
7.02	0.07	4958.88	0.048	0.33
7.03	0.07	4958.88	0.048	0.33
7.04	0.07	4958.88	0.048	0.33
7.05	0.07	4958.88	0.047	0.33
7.06	0.07	4958.88	0.047	0.33
7.07	0.07	4958.88	0.047	0.33
7.08	0.07	4958.88	0.047	0.32
7.09	0.07	4958.88	0.047	0.32
7.10	0.07	4958.88	0.046	0.32
7.11	0.07	4958.88	0.046	0.32
7.12	0.07	4958.88	0.046	0.32
7.13	0.07	4958.88	0.046	0.32
7.14	0.07	4958.88	0.046	0.32
7.15	0.07	4958.87	0.045	0.31
7.16	0.07	4958.87	0.045	0.31
7.17	0.07	4958.87	0.045	0.31
7.18	0.07	4958.87	0.045	0.31
7.19	0.07	4958.87	0.045	0.31
7.20	0.07	4958.87	0.044	0.31
7.21	0.07	4958.87	0.044	0.31
7.22	0.07	4958.87	0.044	0.30
7.23	0.07	4958.87	0.044	0.30
7.24	0.07	4958.87	0.044	0.30
7.25	0.07	4958.87	0.043	0.30
7.26	0.07	4958.87	0.043	0.30
7.27	0.07	4958.87	0.043	0.30
TIME (HRS)	INFLOW (CFS)	ELEV (FEET)	VOLUME (AC-FT)	OUTFLOW (CFS)
7.28	0.07	4958.87	0.043	0.30
7.29	0.07	4958.87	0.043	0.30
7.30	0.07	4958.87	0.042	0.29
7.31	0.07	4958.87	0.042	0.29
7.32	0.07	4958.87	0.042	0.29
7.33	0.07	4958.87	0.042	0.29
7.34	0.07	4958.86	0.042	0.29
7.35	0.07	4958.86	0.042	0.29
7.36	0.07	4958.86	0.041	0.29
7.37	0.07	4958.86	0.041	0.29
7.38	0.07	4958.86	0.041	0.28
7.39	0.07	4958.86	0.041	0.28
7.40	0.07	4958.86	0.041	0.28
7.41	0.07	4958.86	0.041	0.28
7.42	0.07	4958.86	0.040	0.28
7.43	0.07	4958.86	0.040	0.28
7.44	0.07	4958.86	0.040	0.28
7.45	0.07	4958.86	0.040	0.28
7.46	0.07	4958.86	0.040	0.28
7.47	0.07	4958.86	0.040	0.27
7.48	0.07	4958.86	0.039	0.27
7.49	0.07	4958.86	0.039	0.27
7.50	0.07	4958.86	0.039	0.27
7.51	0.07	4958.86	0.039	0.27
7.52	0.07	4958.86	0.039	0.27
7.53	0.07	4958.86	0.039	0.27
7.54	0.07	4958.86	0.038	0.27
7.55	0.07	4958.85	0.038	0.27
7.56	0.07	4958.85	0.038	0.26
7.57	0.07	4958.85	0.038	0.26
7.58	0.07	4958.85	0.038	0.26
7.59	0.07	4958.85	0.038	0.26
7.60	0.07	4958.85	0.037	0.26
7.61	0.07	4958.85	0.037	0.26
7.62	0.07	4958.85	0.037	0.26
7.63	0.07	4958.85	0.037	0.26
7.64	0.07	4958.85	0.037	0.26
7.65	0.07	4958.85	0.037	0.25
7.66	0.07	4958.85	0.037	0.25
7.67	0.07	4958.85	0.036	0.25
7.68	0.07	4958.85	0.036	0.25
7.69	0.07	4958.85	0.036	0.25
7.70	0.07	4958.85	0.036	0.25
7.71	0.07	4958.85	0.036	0.25
7.72	0.07	4958.85	0.036	0.25
7.73	0.07	4958.85	0.036	0.25
7.74	0.07	4958.85	0.035	0.25
7.75	0.07	4958.85	0.035	0.24
7.76	0.07	4958.85	0.035	0.24
7.77	0.07	4958.85	0.035	0.24
7.78	0.07	4958.85	0.035	0.24
7.79	0.07	4958.85	0.035	0.24
7.80	0.07	4958.85	0.035	0.24
7.81	0.07	4958.84	0.034	0.24
7.82	0.07	4958.84	0.034	0.24
7.83	0.07	4958.84	0.034	0.24
TIME (HRS)	INFLOW (CFS)	ELEV (FEET)	VOLUME (AC-FT)	OUTFLOW (CFS)
7.84	0.07	4958.84	0.034	0.24
7.85	0.07	4958.84	0.034	0.23
7.86	0.07	4958.84	0.034	0.23
7.87	0.07	4958.84	0.034	0.23
7.88	0.07	4958.84	0.033	0.23
7.89	0.07	4958.84	0.033	0.23
7.90	0.07	4958.84	0.033	0.23
7.91	0.07	4958.84	0.033	0.23
7.92	0.07	4958.84	0.033	0.23
7.93	0.07	4958.84	0.033	0.23
7.94	0.07	4958.84	0.033	0.23
7.95	0.07	4958.84	0.033	0.23
7.96	0.07	4958.84	0.032	0.22
7.97	0.07	4958.84	0.032	0.22
7.98	0.07	4958.84	0.032	0.22
7.99	0.07	4958.84	0.032	0.22
8.00	0.07	4958.84	0.032	0.22

8.01	0.07	4958.84	0.032	0.22
8.02	0.07	4958.84	0.032	0.22
8.03	0.07	4958.84	0.032	0.22
8.04	0.07	4958.84	0.031	0.22
8.05	0.07	4958.84	0.031	0.22
8.06	0.07	4958.84	0.031	0.22
8.07	0.07	4958.84	0.031	0.22
8.08	0.07	4958.84	0.031	0.21
8.09	0.07	4958.83	0.031	0.21
8.10	0.07	4958.83	0.031	0.21
8.11	0.07	4958.83	0.031	0.21
8.12	0.07	4958.83	0.031	0.21
8.13	0.07	4958.83	0.030	0.21
8.14	0.07	4958.83	0.030	0.21
8.15	0.07	4958.83	0.030	0.21
8.16	0.07	4958.83	0.030	0.21
8.17	0.07	4958.83	0.030	0.21
8.18	0.07	4958.83	0.030	0.21
8.19	0.07	4958.83	0.030	0.21
8.20	0.07	4958.83	0.030	0.21
8.21	0.07	4958.83	0.030	0.20
8.22	0.07	4958.83	0.029	0.20
8.23	0.07	4958.83	0.029	0.20
8.24	0.07	4958.83	0.029	0.20
8.25	0.07	4958.83	0.029	0.20
8.26	0.07	4958.83	0.029	0.20
8.27	0.07	4958.83	0.029	0.20
8.28	0.07	4958.83	0.029	0.20
8.29	0.07	4958.83	0.029	0.20
8.30	0.07	4958.83	0.029	0.20
8.31	0.07	4958.83	0.028	0.20
8.32	0.07	4958.83	0.028	0.20
8.33	0.07	4958.83	0.028	0.20
8.34	0.07	4958.83	0.028	0.20
8.35	0.07	4958.83	0.028	0.19
8.36	0.07	4958.83	0.028	0.19
8.37	0.07	4958.83	0.028	0.19
8.38	0.07	4958.83	0.028	0.19
8.39	0.07	4958.83	0.028	0.19
TIME (HRS)	INFLOW (CFS)	ELEV (FEET)	VOLUME (AC-FT)	OUTFLOW (CFS)
8.40	0.07	4958.83	0.028	0.19
8.41	0.07	4958.83	0.027	0.19
8.42	0.07	4958.83	0.027	0.19
8.43	0.07	4958.83	0.027	0.19
8.44	0.07	4958.82	0.027	0.19
8.45	0.07	4958.82	0.027	0.19
8.46	0.07	4958.82	0.027	0.19
8.47	0.07	4958.82	0.027	0.19
8.48	0.07	4958.82	0.027	0.19
8.49	0.07	4958.82	0.027	0.19
8.50	0.07	4958.82	0.027	0.18
8.51	0.07	4958.82	0.027	0.18
8.52	0.07	4958.82	0.026	0.18
8.53	0.07	4958.82	0.026	0.18
8.54	0.07	4958.82	0.026	0.18
8.55	0.07	4958.82	0.026	0.18
8.56	0.07	4958.82	0.026	0.18
8.57	0.07	4958.82	0.026	0.18
8.58	0.07	4958.82	0.026	0.18
8.59	0.07	4958.82	0.026	0.18
8.60	0.07	4958.82	0.026	0.18
8.61	0.07	4958.82	0.026	0.18
8.62	0.07	4958.82	0.026	0.18
8.63	0.07	4958.82	0.025	0.18
8.64	0.07	4958.82	0.025	0.18
8.65	0.07	4958.82	0.025	0.18
8.66	0.07	4958.82	0.025	0.17
8.67	0.07	4958.82	0.025	0.17
8.68	0.07	4958.82	0.025	0.17
8.69	0.07	4958.82	0.025	0.17
8.70	0.07	4958.82	0.025	0.17
8.71	0.07	4958.82	0.025	0.17
8.72	0.07	4958.82	0.025	0.17
8.73	0.07	4958.82	0.025	0.17
8.74	0.07	4958.82	0.025	0.17
8.75	0.07	4958.82	0.025	0.17
8.76	0.07	4958.82	0.024	0.17
8.77	0.07	4958.82	0.024	0.17
8.78	0.07	4958.82	0.024	0.17
8.79	0.07	4958.82	0.024	0.17
8.80	0.07	4958.82	0.024	0.17
8.81	0.07	4958.82	0.024	0.17
8.82	0.07	4958.82	0.024	0.17
8.83	0.07	4958.82	0.024	0.17
8.84	0.07	4958.82	0.024	0.16
8.85	0.07	4958.82	0.024	0.16
8.86	0.07	4958.81	0.024	0.16
8.87	0.07	4958.81	0.024	0.16
8.88	0.07	4958.81	0.024	0.16
8.89	0.07	4958.81	0.023	0.16
8.90	0.07	4958.81	0.023	0.16
8.91	0.07	4958.81	0.023	0.16
8.92	0.07	4958.81	0.023	0.16
8.93	0.07	4958.81	0.023	0.16
8.94	0.07	4958.81	0.023	0.16
8.95	0.07	4958.81	0.023	0.16
TIME (HRS)	INFLOW (CFS)	ELEV (FEET)	VOLUME (AC-FT)	OUTFLOW (CFS)
8.96	0.07	4958.81	0.023	0.16
8.97	0.07	4958.81	0.023	0.16
8.98	0.07	4958.81	0.023	0.16
8.99	0.07	4958.81	0.023	0.16
9.00	0.07	4958.81	0.023	0.16

9.01	0.07	4958.81	0.023	0.16
9.02	0.07	4958.81	0.023	0.16
9.03	0.07	4958.81	0.022	0.16
9.04	0.07	4958.81	0.022	0.16
9.05	0.07	4958.81	0.022	0.15
9.06	0.07	4958.81	0.022	0.15
9.07	0.07	4958.81	0.022	0.15
9.08	0.07	4958.81	0.022	0.15
9.09	0.07	4958.81	0.022	0.15
9.10	0.07	4958.81	0.022	0.15
9.11	0.07	4958.81	0.022	0.15
9.12	0.07	4958.81	0.022	0.15
9.13	0.07	4958.81	0.022	0.15
9.14	0.07	4958.81	0.022	0.15
9.15	0.07	4958.81	0.022	0.15
9.16	0.07	4958.81	0.022	0.15
9.17	0.07	4958.81	0.022	0.15
9.18	0.07	4958.81	0.021	0.15
9.19	0.07	4958.81	0.021	0.15
9.20	0.07	4958.81	0.021	0.15
9.21	0.07	4958.81	0.021	0.15
9.22	0.07	4958.81	0.021	0.15
9.23	0.07	4958.81	0.021	0.15
9.24	0.07	4958.81	0.021	0.15
9.25	0.07	4958.81	0.021	0.15
9.26	0.07	4958.81	0.021	0.15
9.27	0.07	4958.81	0.021	0.15
9.28	0.07	4958.81	0.021	0.14
9.29	0.07	4958.81	0.021	0.14
9.30	0.07	4958.81	0.021	0.14
9.31	0.07	4958.81	0.021	0.14
9.32	0.07	4958.81	0.021	0.14
9.33	0.07	4958.81	0.021	0.14
9.34	0.07	4958.81	0.021	0.14
9.35	0.07	4958.81	0.020	0.14
9.36	0.07	4958.81	0.020	0.14
9.37	0.07	4958.81	0.020	0.14
9.38	0.07	4958.81	0.020	0.14
9.39	0.07	4958.81	0.020	0.14
9.40	0.07	4958.81	0.020	0.14
9.41	0.07	4958.81	0.020	0.14
9.42	0.07	4958.81	0.020	0.14
9.43	0.07	4958.81	0.020	0.14
9.44	0.07	4958.80	0.020	0.14
9.45	0.07	4958.80	0.020	0.14
9.46	0.07	4958.80	0.020	0.14
9.47	0.07	4958.80	0.020	0.14
9.48	0.07	4958.80	0.020	0.14
9.49	0.07	4958.80	0.020	0.14
9.50	0.07	4958.80	0.020	0.14
9.51	0.07	4958.80	0.020	0.14
TIME (HRS)	INFLOW (CFS)	ELEV (FEET)	VOLUME (AC-FT)	OUTFLOW (CFS)
9.52	0.07	4958.80	0.020	0.14
9.53	0.07	4958.80	0.019	0.14
9.54	0.07	4958.80	0.019	0.13
9.55	0.07	4958.80	0.019	0.13
9.56	0.07	4958.80	0.019	0.13
9.57	0.07	4958.80	0.019	0.13
9.58	0.07	4958.80	0.019	0.13
9.59	0.07	4958.80	0.019	0.13
9.60	0.07	4958.80	0.019	0.13
9.61	0.07	4958.80	0.019	0.13
9.62	0.07	4958.80	0.019	0.13
9.63	0.07	4958.80	0.019	0.13
9.64	0.07	4958.80	0.019	0.13
9.65	0.07	4958.80	0.019	0.13
9.66	0.07	4958.80	0.019	0.13
9.67	0.07	4958.80	0.019	0.13
9.68	0.07	4958.80	0.019	0.13
9.69	0.07	4958.80	0.019	0.13
9.70	0.07	4958.80	0.019	0.13
9.71	0.07	4958.80	0.019	0.13
9.72	0.07	4958.80	0.019	0.13
9.73	0.07	4958.80	0.019	0.13
9.74	0.07	4958.80	0.018	0.13
9.75	0.07	4958.80	0.018	0.13
9.76	0.07	4958.80	0.018	0.13
9.77	0.07	4958.80	0.018	0.13
9.78	0.07	4958.80	0.018	0.13
9.79	0.07	4958.80	0.018	0.13
9.80	0.07	4958.80	0.018	0.13
9.81	0.07	4958.80	0.018	0.13
9.82	0.07	4958.80	0.018	0.13
9.83	0.07	4958.80	0.018	0.13
9.84	0.07	4958.80	0.018	0.13
9.85	0.07	4958.80	0.018	0.12
9.86	0.07	4958.80	0.018	0.12
9.87	0.07	4958.80	0.018	0.12
9.88	0.07	4958.80	0.018	0.12
9.89	0.07	4958.80	0.018	0.12
9.90	0.07	4958.80	0.018	0.12
9.91	0.07	4958.80	0.018	0.12
9.92	0.07	4958.80	0.018	0.12
9.93	0.07	4958.80	0.018	0.12
9.94	0.07	4958.80	0.018	0.12
9.95	0.07	4958.80	0.018	0.12
9.96	0.07	4958.80	0.018	0.12
9.97	0.07	4958.80	0.018	0.12
9.98	0.07	4958.80	0.017	0.12
9.99	0.07	4958.80	0.017	0.12
10.00	0.07	4958.80	0.017	0.12
10.01	0.07	4958.80	0.017	0.12
10.02	0.07	4958.80	0.017	0.12
10.03	0.07	4958.80	0.017	0.12
10.04	0.07	4958.80	0.017	0.12

10.05	0.07	4958.80	0.017	0.12
10.06	0.07	4958.80	0.017	0.12
10.07	0.07	4958.80	0.017	0.12

TIME (HRS)	INFLOW (CFS)	ELEV (FEET)	VOLUME (AC-FT)	OUTFLOW (CFS)
10.08	0.07	4958.80	0.017	0.12
10.09	0.07	4958.80	0.017	0.12
10.10	0.07	4958.80	0.017	0.12
10.11	0.07	4958.80	0.017	0.12
10.12	0.07	4958.80	0.017	0.12
10.13	0.07	4958.80	0.017	0.12
10.14	0.07	4958.80	0.017	0.12
10.15	0.07	4958.80	0.017	0.12
10.16	0.07	4958.80	0.017	0.12
10.17	0.07	4958.80	0.017	0.12
10.18	0.07	4958.80	0.017	0.12
10.19	0.07	4958.80	0.017	0.12
10.20	0.07	4958.80	0.017	0.12
10.21	0.07	4958.80	0.017	0.12
10.22	0.07	4958.80	0.017	0.12
10.23	0.07	4958.80	0.017	0.11
10.24	0.07	4958.80	0.017	0.11
10.25	0.07	4958.80	0.016	0.11
10.26	0.07	4958.80	0.016	0.11
10.27	0.07	4958.79	0.016	0.11
10.28	0.07	4958.79	0.016	0.11
10.29	0.07	4958.79	0.016	0.11
10.30	0.07	4958.79	0.016	0.11
10.31	0.07	4958.79	0.016	0.11
10.32	0.07	4958.79	0.016	0.11
10.33	0.07	4958.79	0.016	0.11
10.34	0.07	4958.79	0.016	0.11
10.35	0.07	4958.79	0.016	0.11
10.36	0.07	4958.79	0.016	0.11
10.37	0.07	4958.79	0.016	0.11
10.38	0.07	4958.79	0.016	0.11
10.39	0.07	4958.79	0.016	0.11
10.40	0.07	4958.79	0.016	0.11
10.41	0.07	4958.79	0.016	0.11
10.42	0.07	4958.79	0.016	0.11
10.43	0.07	4958.79	0.016	0.11
10.44	0.07	4958.79	0.016	0.11
10.45	0.07	4958.79	0.016	0.11
10.46	0.07	4958.79	0.016	0.11
10.47	0.07	4958.79	0.016	0.11
10.48	0.07	4958.79	0.016	0.11
10.49	0.07	4958.79	0.016	0.11
10.50	0.07	4958.79	0.016	0.11
10.51	0.07	4958.79	0.016	0.11
10.52	0.07	4958.79	0.016	0.11
10.53	0.07	4958.79	0.016	0.11
10.54	0.07	4958.79	0.016	0.11
10.55	0.07	4958.79	0.016	0.11
10.56	0.07	4958.79	0.016	0.11
10.57	0.07	4958.79	0.016	0.11
10.58	0.07	4958.79	0.015	0.11
10.59	0.07	4958.79	0.015	0.11
10.60	0.07	4958.79	0.015	0.11
10.61	0.07	4958.79	0.015	0.11
10.62	0.07	4958.79	0.015	0.11
10.63	0.07	4958.79	0.015	0.11

TIME (HRS)	INFLOW (CFS)	ELEV (FEET)	VOLUME (AC-FT)	OUTFLOW (CFS)
10.64	0.07	4958.79	0.015	0.11
10.65	0.07	4958.79	0.015	0.11
10.66	0.07	4958.79	0.015	0.11
10.67	0.07	4958.79	0.015	0.11
10.68	0.07	4958.79	0.015	0.11
10.69	0.07	4958.79	0.015	0.11
10.70	0.07	4958.79	0.015	0.11
10.71	0.07	4958.79	0.015	0.10
10.72	0.07	4958.79	0.015	0.10
10.73	0.07	4958.79	0.015	0.10
10.74	0.07	4958.79	0.015	0.10
10.75	0.07	4958.79	0.015	0.10
10.76	0.07	4958.79	0.015	0.10
10.77	0.07	4958.79	0.015	0.10
10.78	0.07	4958.79	0.015	0.10
10.79	0.07	4958.79	0.015	0.10
10.80	0.07	4958.79	0.015	0.10
10.81	0.07	4958.79	0.015	0.10
10.82	0.07	4958.79	0.015	0.10
10.83	0.07	4958.79	0.015	0.10
10.84	0.07	4958.79	0.015	0.10
10.85	0.07	4958.79	0.015	0.10
10.86	0.07	4958.79	0.015	0.10
10.87	0.07	4958.79	0.015	0.10
10.88	0.07	4958.79	0.015	0.10
10.89	0.07	4958.79	0.015	0.10
10.90	0.07	4958.79	0.015	0.10
10.91	0.07	4958.79	0.015	0.10
10.92	0.07	4958.79	0.015	0.10
10.93	0.07	4958.79	0.015	0.10
10.94	0.07	4958.79	0.015	0.10
10.95	0.07	4958.79	0.015	0.10
10.96	0.07	4958.79	0.015	0.10
10.97	0.07	4958.79	0.015	0.10
10.98	0.07	4958.79	0.014	0.10
10.99	0.07	4958.79	0.014	0.10
11.00	0.07	4958.79	0.014	0.10
11.01	0.07	4958.79	0.014	0.10
11.02	0.07	4958.79	0.014	0.10
11.03	0.07	4958.79	0.014	0.10
11.04	0.07	4958.79	0.014	0.10

TIME (HRS)	INFLOW (CFS)	ELEV (FEET)	VOLUME (AC-FT)	OUTFLOW (CFS)
11.20	0.07	4958.79	0.014	0.10
11.21	0.07	4958.79	0.014	0.10
11.22	0.07	4958.79	0.014	0.10
11.23	0.07	4958.79	0.014	0.10
11.24	0.07	4958.79	0.014	0.10
11.25	0.07	4958.79	0.014	0.10
11.26	0.07	4958.79	0.014	0.10
11.27	0.07	4958.79	0.014	0.10
11.28	0.07	4958.79	0.014	0.10
11.29	0.07	4958.79	0.014	0.10
11.30	0.07	4958.79	0.014	0.10
11.31	0.07	4958.79	0.014	0.10
11.32	0.07	4958.79	0.014	0.10
11.33	0.07	4958.79	0.014	0.10
11.34	0.07	4958.79	0.014	0.10
11.35	0.07	4958.79	0.014	0.10
11.36	0.07	4958.79	0.014	0.10
11.37	0.07	4958.79	0.014	0.09
11.38	0.07	4958.79	0.014	0.09
11.39	0.07	4958.79	0.014	0.09
11.40	0.07	4958.79	0.014	0.09
11.41	0.07	4958.79	0.014	0.09
11.42	0.07	4958.79	0.014	0.09
11.43	0.07	4958.79	0.014	0.09
11.44	0.07	4958.79	0.014	0.09
11.45	0.07	4958.79	0.014	0.09
11.46	0.07	4958.79	0.014	0.09
11.47	0.07	4958.79	0.014	0.09
11.48	0.07	4958.79	0.014	0.09
11.49	0.07	4958.79	0.013	0.09
11.50	0.07	4958.79	0.013	0.09
11.51	0.07	4958.79	0.013	0.09
11.52	0.07	4958.79	0.013	0.09
11.53	0.07	4958.79	0.013	0.09
11.54	0.07	4958.79	0.013	0.09
11.55	0.07	4958.79	0.013	0.09
11.56	0.07	4958.79	0.013	0.09
11.57	0.07	4958.79	0.013	0.09
11.58	0.07	4958.79	0.013	0.09
11.59	0.07	4958.79	0.013	0.09
11.60	0.07	4958.79	0.013	0.09
11.61	0.07	4958.79	0.013	0.09
11.62	0.07	4958.79	0.013	0.09
11.63	0.07	4958.79	0.013	0.09
11.64	0.07	4958.79	0.013	0.09
11.65	0.07	4958.79	0.013	0.09
11.66	0.07	4958.79	0.013	0.09
11.67	0.07	4958.79	0.013	0.09
11.68	0.07	4958.79	0.013	0.09
11.69	0.07	4958.79	0.013	0.09
11.70	0.07	4958.79	0.013	0.09
11.71	0.07	4958.79	0.013	0.09
11.72	0.07	4958.79	0.013	0.09
11.73	0.07	4958.79	0.013	0.09
11.74	0.07	4958.79	0.013	0.09
11.75	0.07	4958.79	0.013	0.09
TIME (HRS)	INFLOW (CFS)	ELEV (FEET)	VOLUME (AC-FT)	OUTFLOW (CFS)
11.76	0.07	4958.79	0.013	0.09
11.77	0.07	4958.79	0.013	0.09
11.78	0.07	4958.79	0.013	0.09
11.79	0.07	4958.79	0.013	0.09
11.80	0.07	4958.79	0.013	0.09
11.81	0.07	4958.79	0.013	0.09
11.82	0.07	4958.79	0.013	0.09
11.83	0.07	4958.79	0.013	0.09
11.84	0.07	4958.79	0.013	0.09
11.85	0.07	4958.79	0.013	0.09
11.86	0.07	4958.79	0.013	0.09
11.87	0.07	4958.79	0.013	0.09
11.88	0.07	4958.79	0.013	0.09
11.89	0.07	4958.79	0.013	0.09
11.90	0.07	4958.79	0.013	0.09
11.91	0.07	4958.79	0.013	0.09
11.92	0.07	4958.79	0.013	0.09
11.93	0.07	4958.79	0.013	0.09
11.94	0.07	4958.79	0.013	0.09
11.95	0.07	4958.79	0.013	0.09
11.96	0.07	4958.79	0.013	0.09
11.97	0.07	4958.79	0.013	0.09
11.98	0.07	4958.79	0.013	0.09
11.99	0.07	4958.79	0.013	0.09
12.00	0.07	4958.79	0.013	0.09
12.01	0.07	4958.79	0.013	0.09
12.02	0.07	4958.79	0.013	0.09
12.03	0.07	4958.79	0.013	0.09
12.04	0.07	4958.79	0.013	0.09

TIME (HRS)	INFLOW (CFS)	ELEV (FEET)	VOLUME (AC-FT)	OUTFLOW (CFS)
12.32	0.07	4958.78	0.012	0.09
12.33	0.07	4958.78	0.012	0.09
12.34	0.07	4958.78	0.012	0.09
12.35	0.07	4958.78	0.012	0.09
12.36	0.07	4958.78	0.012	0.09
12.37	0.07	4958.78	0.012	0.09
12.38	0.07	4958.78	0.012	0.09
12.39	0.07	4958.78	0.012	0.09
12.40	0.07	4958.78	0.012	0.09
12.41	0.07	4958.78	0.012	0.09
12.42	0.07	4958.78	0.012	0.09
12.43	0.07	4958.78	0.012	0.09
12.44	0.07	4958.78	0.012	0.09
12.45	0.07	4958.78	0.012	0.09
12.46	0.07	4958.78	0.012	0.09
12.47	0.07	4958.78	0.012	0.08
12.48	0.07	4958.78	0.012	0.08
12.49	0.07	4958.78	0.012	0.08
12.50	0.07	4958.78	0.012	0.08
12.51	0.07	4958.78	0.012	0.08
12.52	0.07	4958.78	0.012	0.08
12.53	0.07	4958.78	0.012	0.08
12.54	0.07	4958.78	0.012	0.08
12.55	0.07	4958.78	0.012	0.08
12.56	0.07	4958.78	0.012	0.08
12.57	0.07	4958.78	0.012	0.08
12.58	0.07	4958.78	0.012	0.08
12.59	0.07	4958.78	0.012	0.08
12.60	0.07	4958.78	0.012	0.08
12.61	0.07	4958.78	0.012	0.08
12.62	0.07	4958.78	0.012	0.08
12.63	0.07	4958.78	0.012	0.08
12.64	0.07	4958.78	0.012	0.08
12.65	0.07	4958.78	0.012	0.08
12.66	0.07	4958.78	0.012	0.08
12.67	0.07	4958.78	0.012	0.08
12.68	0.07	4958.78	0.012	0.08
12.69	0.07	4958.78	0.012	0.08
12.70	0.07	4958.78	0.012	0.08
12.71	0.07	4958.78	0.012	0.08
12.72	0.07	4958.78	0.012	0.08
12.73	0.07	4958.78	0.012	0.08
12.74	0.07	4958.78	0.012	0.08
12.75	0.07	4958.78	0.012	0.08
12.76	0.07	4958.78	0.012	0.08
12.77	0.07	4958.78	0.012	0.08
12.78	0.07	4958.78	0.012	0.08
12.79	0.07	4958.78	0.012	0.08
12.80	0.07	4958.78	0.012	0.08
12.81	0.07	4958.78	0.012	0.08
12.82	0.07	4958.78	0.012	0.08
12.83	0.07	4958.78	0.012	0.08
12.84	0.07	4958.78	0.012	0.08
12.85	0.07	4958.78	0.012	0.08
12.86	0.07	4958.78	0.012	0.08
12.87	0.07	4958.78	0.012	0.08
TIME (HRS)	INFLOW (CFS)	ELEV (FEET)	VOLUME (AC-FT)	OUTFLOW (CFS)
12.88	0.07	4958.78	0.012	0.08
12.89	0.07	4958.78	0.012	0.08
12.90	0.07	4958.78	0.012	0.08
12.91	0.07	4958.78	0.012	0.08
12.92	0.07	4958.78	0.012	0.08
12.93	0.07	4958.78	0.012	0.08
12.94	0.07	4958.78	0.012	0.08
12.95	0.07	4958.78	0.012	0.08
12.96	0.07	4958.78	0.012	0.08
12.97	0.07	4958.78	0.012	0.08
12.98	0.07	4958.78	0.012	0.08
12.99	0.07	4958.78	0.012	0.08
13.00	0.07	4958.78	0.012	0.08
13.01	0.07	4958.78	0.012	0.08
13.02	0.07	4958.78	0.012	0.08
13.03	0.07	4958.78	0.012	0.08
13.04	0.07	4958.78	0.012	0.08

TIME (HRS)	INFLOW (CFS)	ELEV (FEET)	VOLUME (AC-FT)	OUTFLOW (CFS)
13.44	0.07	4958.78	0.012	0.08
13.45	0.07	4958.78	0.012	0.08
13.46	0.07	4958.78	0.012	0.08
13.47	0.07	4958.78	0.012	0.08
13.48	0.07	4958.78	0.012	0.08
13.49	0.07	4958.78	0.012	0.08
13.50	0.07	4958.78	0.012	0.08
13.51	0.07	4958.78	0.012	0.08
13.52	0.07	4958.78	0.012	0.08
13.53	0.07	4958.78	0.012	0.08
13.54	0.07	4958.78	0.011	0.08
13.55	0.07	4958.78	0.011	0.08
13.56	0.07	4958.78	0.011	0.08
13.57	0.07	4958.78	0.011	0.08
13.58	0.07	4958.78	0.011	0.08
13.59	0.07	4958.78	0.011	0.08
13.60	0.07	4958.78	0.011	0.08
13.61	0.07	4958.78	0.011	0.08
13.62	0.07	4958.78	0.011	0.08
13.63	0.07	4958.78	0.011	0.08
13.64	0.07	4958.78	0.011	0.08
13.65	0.07	4958.78	0.011	0.08
13.66	0.07	4958.78	0.011	0.08
13.67	0.07	4958.78	0.011	0.08
13.68	0.07	4958.78	0.011	0.08
13.69	0.07	4958.78	0.011	0.08
13.70	0.07	4958.78	0.011	0.08
13.71	0.07	4958.78	0.011	0.08
13.72	0.07	4958.78	0.011	0.08
13.73	0.07	4958.78	0.011	0.08
13.74	0.07	4958.78	0.011	0.08
13.75	0.07	4958.78	0.011	0.08
13.76	0.07	4958.78	0.011	0.08
13.77	0.07	4958.78	0.011	0.08
13.78	0.07	4958.78	0.011	0.08
13.79	0.07	4958.78	0.011	0.08
13.80	0.07	4958.78	0.011	0.08
13.81	0.07	4958.78	0.011	0.08
13.82	0.07	4958.78	0.011	0.08
13.83	0.07	4958.78	0.011	0.08
13.84	0.07	4958.78	0.011	0.08
13.85	0.07	4958.78	0.011	0.08
13.86	0.07	4958.78	0.011	0.08
13.87	0.07	4958.78	0.011	0.08
13.88	0.07	4958.78	0.011	0.08
13.89	0.07	4958.78	0.011	0.08
13.90	0.07	4958.78	0.011	0.08
13.91	0.07	4958.78	0.011	0.08
13.92	0.07	4958.78	0.011	0.08
13.93	0.07	4958.78	0.011	0.08
13.94	0.07	4958.78	0.011	0.08
13.95	0.07	4958.78	0.011	0.08
13.96	0.07	4958.78	0.011	0.08
13.97	0.07	4958.78	0.011	0.08
13.98	0.07	4958.78	0.011	0.08
13.99	0.07	4958.78	0.011	0.08
TIME (HRS)	INFLOW (CFS)	ELEV (FEET)	VOLUME (AC-FT)	OUTFLOW (CFS)
14.00	0.07	4958.78	0.011	0.08
14.01	0.07	4958.78	0.011	0.08
14.02	0.07	4958.78	0.011	0.08
14.03	0.07	4958.78	0.011	0.08
14.04	0.07	4958.78	0.011	0.08

TIME (HRS)	INFLOW (CFS)	ELEV (FEET)	VOLUME (AC-FT)	OUTFLOW (CFS)
14.56	0.07	4958.78	0.011	0.08
14.57	0.07	4958.78	0.011	0.08
14.58	0.07	4958.78	0.011	0.08
14.59	0.07	4958.78	0.011	0.08
14.60	0.07	4958.78	0.011	0.08
14.61	0.07	4958.78	0.011	0.08
14.62	0.07	4958.78	0.011	0.08
14.63	0.07	4958.78	0.011	0.08
14.64	0.07	4958.78	0.011	0.08
14.65	0.07	4958.78	0.011	0.08
14.66	0.07	4958.78	0.011	0.08
14.67	0.07	4958.78	0.011	0.08
14.68	0.07	4958.78	0.011	0.08
14.69	0.07	4958.78	0.011	0.08
14.70	0.07	4958.78	0.011	0.08
14.71	0.07	4958.78	0.011	0.08
14.72	0.07	4958.78	0.011	0.08
14.73	0.07	4958.78	0.011	0.08
14.74	0.07	4958.78	0.011	0.08
14.75	0.07	4958.78	0.011	0.08
14.76	0.07	4958.78	0.011	0.08
14.77	0.07	4958.78	0.011	0.08
14.78	0.07	4958.78	0.011	0.08
14.79	0.07	4958.78	0.011	0.08
14.80	0.07	4958.78	0.011	0.08
14.81	0.07	4958.78	0.011	0.08
14.82	0.07	4958.78	0.011	0.08
14.83	0.07	4958.78	0.011	0.08
14.84	0.07	4958.78	0.011	0.08
14.85	0.07	4958.78	0.011	0.08
14.86	0.07	4958.78	0.011	0.08
14.87	0.07	4958.78	0.011	0.08
14.88	0.07	4958.78	0.011	0.08
14.89	0.07	4958.78	0.011	0.08
14.90	0.07	4958.78	0.011	0.08
14.91	0.07	4958.78	0.011	0.08
14.92	0.07	4958.78	0.011	0.08
14.93	0.07	4958.78	0.011	0.08
14.94	0.07	4958.78	0.011	0.08
14.95	0.07	4958.78	0.011	0.08
14.96	0.07	4958.78	0.011	0.08
14.97	0.07	4958.78	0.011	0.08
14.98	0.07	4958.78	0.011	0.08
14.99	0.07	4958.78	0.011	0.08
15.00	0.07	4958.78	0.011	0.08
15.01	0.07	4958.78	0.011	0.08
15.02	0.07	4958.78	0.011	0.08
15.03	0.07	4958.78	0.011	0.08
15.04	0.07	4958.78	0.011	0.08
15.05	0.07	4958.78	0.011	0.08
15.06	0.07	4958.78	0.011	0.08
15.07	0.07	4958.78	0.011	0.08
15.08	0.07	4958.78	0.011	0.08

TIME (HRS)	INFLOW (CFS)	ELEV (FEET)	VOLUME (AC-FT)	OUTFLOW (CFS)
15.12	0.07	4958.78	0.011	0.08
15.13	0.07	4958.78	0.011	0.08
15.14	0.07	4958.78	0.011	0.08
15.15	0.07	4958.78	0.011	0.08
15.16	0.07	4958.78	0.011	0.08
15.17	0.07	4958.78	0.011	0.08
15.18	0.07	4958.78	0.011	0.08
15.19	0.07	4958.78	0.011	0.08
15.20	0.07	4958.78	0.011	0.08
15.21	0.07	4958.78	0.011	0.08
15.22	0.07	4958.78	0.011	0.08
15.23	0.07	4958.78	0.011	0.08
15.24	0.07	4958.78	0.011	0.08
15.25	0.07	4958.78	0.011	0.08
15.26	0.07	4958.78	0.011	0.08
15.27	0.07	4958.78	0.011	0.08
15.28	0.07	4958.78	0.011	0.08
15.29	0.07	4958.78	0.011	0.08
15.30	0.07	4958.78	0.011	0.08
15.31	0.07	4958.78	0.011	0.08
15.32	0.07	4958.78	0.011	0.08
15.33	0.07	4958.78	0.011	0.08
15.34	0.07	4958.78	0.011	0.08
15.35	0.07	4958.78	0.011	0.08
15.36	0.07	4958.78	0.011	0.08
15.37	0.07	4958.78	0.011	0.08
15.38	0.07	4958.78	0.011	0.08
15.39	0.07	4958.78	0.011	0.08
15.40	0.07	4958.78	0.011	0.08
15.41	0.07	4958.78	0.011	0.08
15.42	0.07	4958.78	0.011	0.08
15.43	0.07	4958.78	0.011	0.08
15.44	0.07	4958.78	0.011	0.08
15.45	0.07	4958.78	0.011	0.08
15.46	0.07	4958.78	0.011	0.08
15.47	0.07	4958.78	0.011	0.08
15.48	0.07	4958.78	0.011	0.08
15.49	0.07	4958.78	0.011	0.08
15.50	0.07	4958.78	0.011	0.08
15.51	0.07	4958.78	0.011	0.08
15.52	0.07	4958.78	0.011	0.08
15.53	0.07	4958.78	0.011	0.08
15.54	0.07	4958.78	0.011	0.08
15.55	0.07	4958.78	0.011	0.08
15.56	0.07	4958.78	0.011	0.08
15.57	0.07	4958.78	0.011	0.08
15.58	0.07	4958.78	0.011	0.08
15.59	0.07	4958.78	0.011	0.08
15.60	0.07	4958.78	0.011	0.08
15.61	0.07	4958.78	0.011	0.08
15.62	0.07	4958.78	0.011	0.08
15.63	0.07	4958.78	0.011	0.08
15.64	0.07	4958.78	0.011	0.08
15.65	0.07	4958.78	0.011	0.08
15.66	0.07	4958.78	0.011	0.08
15.67	0.07	4958.78	0.011	0.08
TIME (HRS)	INFLOW (CFS)	ELEV (FEET)	VOLUME (AC-FT)	OUTFLOW (CFS)
15.68	0.07	4958.78	0.011	0.08
15.69	0.07	4958.78	0.011	0.08
15.70	0.07	4958.78	0.011	0.08
15.71	0.07	4958.78	0.011	0.08
15.72	0.07	4958.78	0.011	0.08
15.73	0.07	4958.78	0.011	0.08
15.74	0.07	4958.78	0.011	0.08
15.75	0.07	4958.78	0.011	0.08
15.76	0.07	4958.78	0.011	0.08
15.77	0.07	4958.78	0.011	0.08
15.78	0.07	4958.78	0.011	0.08
15.79	0.07	4958.78	0.011	0.08
15.80	0.07	4958.78	0.011	0.08
15.81	0.07	4958.78	0.011	0.08
15.82	0.07	4958.78	0.011	0.08
15.83	0.07	4958.78	0.011	0.08
15.84	0.07	4958.78	0.011	0.08
15.85	0.07	4958.78	0.011	0.08
15.86	0.07	4958.78	0.011	0.08
15.87	0.07	4958.78	0.011	0.08
15.88	0.07	4958.78	0.011	0.08
15.89	0.07	4958.78	0.011	0.08
15.90	0.07	4958.78	0.011	0.08
15.91	0.07	4958.78	0.011	0.08
15.92	0.07	4958.78	0.011	0.08
15.93	0.07	4958.78	0.011	0.08
15.94	0.07	4958.78	0.011	0.08
15.95	0.07	4958.78	0.011	0.08
15.96	0.07	4958.78	0.011	0.08
15.97	0.07	4958.78	0.011	0.08
15.98	0.07	4958.78	0.011	0.08
15.99	0.07	4958.78	0.011	0.08
16.00	0.07	4958.78	0.011	0.08
16.01	0.07	4958.78	0.011	0.08
16.02	0.07	4958.78	0.011	0.08
16.03	0.07	4958.78	0.011	0.07
16.04	0.07	4958.78	0.011	0.07
16.05	0.07	4958.78	0.011	0.07
16.06	0.07	4958.78	0.011	0.07
16.07	0.07	4958.78	0.011	0.07
16.08	0.07	4958.78	0.011	0.07

TIME (HRS)	INFLOW (CFS)	ELEV (FEET)	VOLUME (AC-FT)	OUTFLOW (CFS)
16.80	0.07	4958.78	0.011	0.07
16.81	0.07	4958.78	0.011	0.07
16.82	0.07	4958.78	0.011	0.07
16.83	0.07	4958.78	0.011	0.07
16.84	0.07	4958.78	0.011	0.07
16.85	0.07	4958.78	0.011	0.07
16.86	0.07	4958.78	0.011	0.07
16.87	0.07	4958.78	0.011	0.07
16.88	0.07	4958.78	0.011	0.07
16.89	0.07	4958.78	0.011	0.07
16.90	0.07	4958.78	0.011	0.07
16.91	0.07	4958.78	0.011	0.07
16.92	0.07	4958.78	0.011	0.07
16.93	0.07	4958.78	0.011	0.07
16.94	0.07	4958.78	0.011	0.07
16.95	0.07	4958.78	0.011	0.07
16.96	0.07	4958.78	0.011	0.07
16.97	0.07	4958.78	0.011	0.07
16.98	0.07	4958.78	0.011	0.07
16.99	0.07	4958.78	0.011	0.07
17.00	0.07	4958.78	0.011	0.07
17.01	0.07	4958.78	0.011	0.07
17.02	0.07	4958.78	0.011	0.07
17.03	0.07	4958.78	0.011	0.07
17.04	0.07	4958.78	0.011	0.07
17.05	0.07	4958.78	0.011	0.07
17.06	0.07	4958.78	0.011	0.07
17.07	0.07	4958.78	0.011	0.07
17.08	0.07	4958.78	0.011	0.07

TIME (HRS)	INFLOW (CFS)	ELEV (FEET)	VOLUME (AC-FT)	OUTFLOW (CFS)
17.36	0.07	4958.78	0.011	0.07
17.37	0.07	4958.78	0.011	0.07
17.38	0.07	4958.78	0.011	0.07
17.39	0.07	4958.78	0.011	0.07
17.40	0.07	4958.78	0.011	0.07
17.41	0.07	4958.78	0.011	0.07
17.42	0.07	4958.78	0.011	0.07
17.43	0.07	4958.78	0.011	0.07
17.44	0.07	4958.78	0.011	0.07
17.45	0.07	4958.78	0.011	0.07
17.46	0.07	4958.78	0.011	0.07
17.47	0.07	4958.78	0.011	0.07
17.48	0.07	4958.78	0.011	0.07
17.49	0.07	4958.78	0.011	0.07
17.50	0.07	4958.78	0.011	0.07
17.51	0.07	4958.78	0.011	0.07
17.52	0.07	4958.78	0.011	0.07
17.53	0.07	4958.78	0.011	0.07
17.54	0.07	4958.78	0.011	0.07
17.55	0.07	4958.78	0.011	0.07
17.56	0.07	4958.78	0.011	0.07
17.57	0.07	4958.78	0.011	0.07
17.58	0.07	4958.78	0.011	0.07
17.59	0.07	4958.78	0.011	0.07
17.60	0.07	4958.78	0.011	0.07
17.61	0.07	4958.78	0.011	0.07
17.62	0.07	4958.78	0.011	0.07
17.63	0.07	4958.78	0.011	0.07
17.64	0.07	4958.78	0.011	0.07
17.65	0.07	4958.78	0.011	0.07
17.66	0.07	4958.78	0.011	0.07
17.67	0.07	4958.78	0.011	0.07
17.68	0.07	4958.78	0.011	0.07
17.69	0.07	4958.78	0.011	0.07
17.70	0.07	4958.78	0.011	0.07
17.71	0.07	4958.78	0.011	0.07
17.72	0.07	4958.78	0.011	0.07
17.73	0.07	4958.78	0.011	0.07
17.74	0.07	4958.78	0.011	0.07
17.75	0.07	4958.78	0.011	0.07
17.76	0.07	4958.78	0.011	0.07
17.77	0.07	4958.78	0.011	0.07
17.78	0.07	4958.78	0.011	0.07
17.79	0.07	4958.78	0.011	0.07
17.80	0.07	4958.78	0.011	0.07
17.81	0.07	4958.78	0.011	0.07
17.82	0.07	4958.78	0.011	0.07
17.83	0.07	4958.78	0.011	0.07
17.84	0.07	4958.78	0.011	0.07
17.85	0.07	4958.78	0.011	0.07
17.86	0.07	4958.78	0.011	0.07
17.87	0.07	4958.78	0.011	0.07
17.88	0.07	4958.78	0.011	0.07
17.89	0.07	4958.78	0.011	0.07
17.90	0.07	4958.78	0.011	0.07
17.91	0.07	4958.78	0.011	0.07
TIME (HRS)	INFLOW (CFS)	ELEV (FEET)	VOLUME (AC-FT)	OUTFLOW (CFS)
17.92	0.07	4958.78	0.011	0.07
17.93	0.07	4958.78	0.011	0.07
17.94	0.07	4958.78	0.011	0.07
17.95	0.07	4958.78	0.011	0.07
17.96	0.07	4958.78	0.011	0.07
17.97	0.07	4958.78	0.011	0.07
17.98	0.07	4958.78	0.011	0.07
17.99	0.07	4958.78	0.011	0.07
18.00	0.07	4958.78	0.011	0.07
18.01	0.07	4958.78	0.011	0.07
18.02	0.07	4958.78	0.011	0.07
18.03	0.07	4958.78	0.011	0.07
18.04	0.07	4958.78	0.011	0.07
18.05	0.07	4958.78	0.011	0.07
18.06	0.07	4958.78	0.011	0.07
18.07	0.07	4958.78	0.011	0.07
18.08	0.07	4958.78	0.011	0.07

TIME (HRS)	INFLOW (CFS)	ELEV (FEET)	VOLUME (AC-FT)	OUTFLOW (CFS)
18.48	0.07	4958.78	0.011	0.07
18.49	0.07	4958.78	0.011	0.07
18.50	0.07	4958.78	0.011	0.07
18.51	0.07	4958.78	0.011	0.07
18.52	0.07	4958.78	0.011	0.07
18.53	0.07	4958.78	0.011	0.07
18.54	0.07	4958.78	0.011	0.07
18.55	0.07	4958.78	0.011	0.07
18.56	0.07	4958.78	0.011	0.07
18.57	0.07	4958.78	0.011	0.07
18.58	0.07	4958.78	0.011	0.07
18.59	0.07	4958.78	0.011	0.07
18.60	0.07	4958.78	0.011	0.07
18.61	0.07	4958.78	0.011	0.07
18.62	0.07	4958.78	0.011	0.07
18.63	0.07	4958.78	0.011	0.07
18.64	0.07	4958.78	0.011	0.07
18.65	0.07	4958.78	0.011	0.07
18.66	0.07	4958.78	0.011	0.07
18.67	0.07	4958.78	0.011	0.07
18.68	0.07	4958.78	0.011	0.07
18.69	0.07	4958.78	0.011	0.07
18.70	0.07	4958.78	0.011	0.07
18.71	0.07	4958.78	0.011	0.07
18.72	0.07	4958.78	0.011	0.07
18.73	0.07	4958.78	0.011	0.07
18.74	0.07	4958.78	0.011	0.07
18.75	0.07	4958.78	0.011	0.07
18.76	0.07	4958.78	0.011	0.07
18.77	0.07	4958.78	0.011	0.07
18.78	0.07	4958.78	0.011	0.07
18.79	0.07	4958.78	0.011	0.07
18.80	0.07	4958.78	0.011	0.07
18.81	0.07	4958.78	0.011	0.07
18.82	0.07	4958.78	0.011	0.07
18.83	0.07	4958.78	0.011	0.07
18.84	0.07	4958.78	0.011	0.07
18.85	0.07	4958.78	0.011	0.07
18.86	0.07	4958.78	0.011	0.07
18.87	0.07	4958.78	0.011	0.07
18.88	0.07	4958.78	0.011	0.07
18.89	0.07	4958.78	0.011	0.07
18.90	0.07	4958.78	0.011	0.07
18.91	0.07	4958.78	0.011	0.07
18.92	0.07	4958.78	0.011	0.07
18.93	0.07	4958.78	0.011	0.07
18.94	0.07	4958.78	0.011	0.07
18.95	0.07	4958.78	0.011	0.07
18.96	0.07	4958.78	0.011	0.07
18.97	0.07	4958.78	0.011	0.07
18.98	0.07	4958.78	0.011	0.07
18.99	0.07	4958.78	0.011	0.07
19.00	0.07	4958.78	0.011	0.07
19.01	0.07	4958.78	0.011	0.07
19.02	0.07	4958.78	0.011	0.07
19.03	0.07	4958.78	0.011	0.07
TIME (HRS)	INFLOW (CFS)	ELEV (FEET)	VOLUME (AC-FT)	OUTFLOW (CFS)
19.04	0.07	4958.78	0.011	0.07
19.05	0.07	4958.78	0.011	0.07
19.06	0.07	4958.78	0.011	0.07
19.07	0.07	4958.78	0.011	0.07
19.08	0.07	4958.78	0.011	0.07

TIME (HRS)	INFLOW (CFS)	ELEV (FEET)	VOLUME (AC-FT)	OUTFLOW (CFS)
19.60	0.07	4958.78	0.011	0.07
19.61	0.07	4958.78	0.011	0.07
19.62	0.07	4958.78	0.011	0.07
19.63	0.07	4958.78	0.011	0.07
19.64	0.07	4958.78	0.011	0.07
19.65	0.07	4958.78	0.011	0.07
19.66	0.07	4958.78	0.011	0.07
19.67	0.07	4958.78	0.011	0.07
19.68	0.07	4958.78	0.011	0.07
19.69	0.07	4958.78	0.011	0.07
19.70	0.07	4958.78	0.011	0.07
19.71	0.07	4958.78	0.011	0.07
19.72	0.07	4958.78	0.011	0.07
19.73	0.07	4958.78	0.011	0.07
19.74	0.07	4958.78	0.011	0.07
19.75	0.07	4958.78	0.011	0.07
19.76	0.07	4958.78	0.011	0.07
19.77	0.07	4958.78	0.011	0.07
19.78	0.07	4958.78	0.011	0.07
19.79	0.07	4958.78	0.011	0.07
19.80	0.07	4958.78	0.011	0.07
19.81	0.07	4958.78	0.011	0.07
19.82	0.07	4958.78	0.011	0.07
19.83	0.07	4958.78	0.011	0.07
19.84	0.07	4958.78	0.011	0.07
19.85	0.07	4958.78	0.011	0.07
19.86	0.07	4958.78	0.011	0.07
19.87	0.07	4958.78	0.011	0.07
19.88	0.07	4958.78	0.011	0.07
19.89	0.07	4958.78	0.011	0.07
19.90	0.07	4958.78	0.011	0.07
19.91	0.07	4958.78	0.011	0.07
19.92	0.07	4958.78	0.011	0.07
19.93	0.07	4958.78	0.011	0.07
19.94	0.07	4958.78	0.011	0.07
19.95	0.07	4958.78	0.011	0.07
19.96	0.07	4958.78	0.011	0.07
19.97	0.07	4958.78	0.011	0.07
19.98	0.07	4958.78	0.011	0.07
19.99	0.07	4958.78	0.011	0.07
20.00	0.07	4958.78	0.011	0.07
20.01	0.07	4958.78	0.011	0.07
20.02	0.07	4958.78	0.011	0.07
20.03	0.07	4958.78	0.011	0.07
20.04	0.07	4958.78	0.011	0.07
20.05	0.07	4958.78	0.011	0.07
20.06	0.07	4958.78	0.011	0.07
20.07	0.07	4958.78	0.011	0.07
20.08	0.07	4958.78	0.011	0.07
20.09	0.07	4958.78	0.011	0.07
20.10	0.07	4958.78	0.011	0.07
20.11	0.07	4958.78	0.011	0.07
20.12	0.07	4958.78	0.011	0.07

TIME (HRS)	INFLOW (CFS)	ELEV (FEET)	VOLUME (AC-FT)	OUTFLOW (CFS)
20.16	0.07	4958.78	0.011	0.07
20.17	0.07	4958.78	0.011	0.07
20.18	0.07	4958.78	0.011	0.07
20.19	0.07	4958.78	0.011	0.07
20.20	0.07	4958.78	0.011	0.07
20.21	0.07	4958.78	0.011	0.07
20.22	0.07	4958.78	0.011	0.07
20.23	0.07	4958.78	0.011	0.07
20.24	0.07	4958.78	0.011	0.07
20.25	0.07	4958.78	0.011	0.07
20.26	0.07	4958.78	0.011	0.07
20.27	0.07	4958.78	0.011	0.07
20.28	0.07	4958.78	0.011	0.07
20.29	0.07	4958.78	0.011	0.07
20.30	0.07	4958.78	0.011	0.07
20.31	0.07	4958.78	0.011	0.07
20.32	0.07	4958.78	0.011	0.07
20.33	0.07	4958.78	0.011	0.07
20.34	0.07	4958.78	0.011	0.07
20.35	0.07	4958.78	0.011	0.07
20.36	0.07	4958.78	0.011	0.07
20.37	0.07	4958.78	0.011	0.07
20.38	0.07	4958.78	0.011	0.07
20.39	0.07	4958.78	0.011	0.07
20.40	0.07	4958.78	0.011	0.07
20.41	0.07	4958.78	0.011	0.07
20.42	0.07	4958.78	0.011	0.07
20.43	0.07	4958.78	0.011	0.07
20.44	0.07	4958.78	0.011	0.07
20.45	0.07	4958.78	0.011	0.07
20.46	0.07	4958.78	0.011	0.07
20.47	0.07	4958.78	0.011	0.07
20.48	0.07	4958.78	0.011	0.07
20.49	0.07	4958.78	0.011	0.07
20.50	0.07	4958.78	0.011	0.07
20.51	0.07	4958.78	0.011	0.07
20.52	0.07	4958.78	0.011	0.07
20.53	0.07	4958.78	0.011	0.07
20.54	0.07	4958.78	0.011	0.07
20.55	0.07	4958.78	0.011	0.07
20.56	0.07	4958.78	0.011	0.07
20.57	0.07	4958.78	0.011	0.07
20.58	0.07	4958.78	0.011	0.07
20.59	0.07	4958.78	0.011	0.07
20.60	0.07	4958.78	0.011	0.07
20.61	0.07	4958.78	0.011	0.07
20.62	0.07	4958.78	0.011	0.07
20.63	0.07	4958.78	0.011	0.07
20.64	0.07	4958.78	0.011	0.07
20.65	0.07	4958.78	0.011	0.07
20.66	0.07	4958.78	0.011	0.07
20.67	0.07	4958.78	0.011	0.07
20.68	0.07	4958.78	0.011	0.07
20.69	0.07	4958.78	0.011	0.07
20.70	0.07	4958.78	0.011	0.07
20.71	0.07	4958.78	0.011	0.07
TIME (HRS)	INFLOW (CFS)	ELEV (FEET)	VOLUME (AC-FT)	OUTFLOW (CFS)
20.72	0.07	4958.78	0.011	0.07
20.73	0.07	4958.78	0.011	0.07
20.74	0.07	4958.78	0.011	0.07
20.75	0.07	4958.78	0.011	0.07
20.76	0.07	4958.78	0.011	0.07
20.77	0.07	4958.78	0.011	0.07
20.78	0.07	4958.78	0.011	0.07
20.79	0.07	4958.78	0.011	0.07
20.80	0.07	4958.78	0.011	0.07
20.81	0.07	4958.78	0.011	0.07
20.82	0.07	4958.78	0.011	0.07
20.83	0.07	4958.78	0.011	0.07
20.84	0.07	4958.78	0.011	0.07
20.85	0.07	4958.78	0.011	0.07
20.86	0.07	4958.78	0.011	0.07
20.87	0.07	4958.78	0.011	0.07
20.88	0.07	4958.78	0.011	0.07
20.89	0.07	4958.78	0.011	0.07
20.90	0.07	4958.78	0.011	0.07
20.91	0.07	4958.78	0.011	0.07
20.92	0.07	4958.78	0.011	0.07
20.93	0.07	4958.78	0.011	0.07
20.94	0.07	4958.78	0.011	0.07
20.95	0.07	4958.78	0.011	0.07
20.96	0.07	4958.78	0.011	0.07
20.97	0.07	4958.78	0.011	0.07
20.98	0.07	4958.78	0.011	0.07
20.99	0.07	4958.78	0.011	0.07
21.00	0.07	4958.78	0.011	0.07
21.01	0.07	4958.78	0.011	0.07
21.02	0.07	4958.78	0.011	0.07
21.03	0.07	4958.78	0.011	0.07
21.04	0.07	4958.78	0.011	0.07
21.05	0.07	4958.78	0.011	0.07
21.06	0.07	4958.78	0.011	0.07
21.07	0.07	4958.78	0.011	0.07
21.08	0.07	4958.78	0.011	0.07
21.09	0.07	4958.78	0.011	0.07
21.10	0.07	4958.78	0.011	0.07
21.11	0.07	4958.78	0.011	0.07
21.12	0.07	4958.78	0.011	0.07

TIME (HRS)	INFLOW (CFS)	ELEV (FEET)	VOLUME (AC-FT)	OUTFLOW (CFS)
21.28	0.07	4958.78	0.011	0.07
21.29	0.07	4958.78	0.011	0.07
21.30	0.07	4958.78	0.011	0.07
21.31	0.07	4958.78	0.011	0.07
21.32	0.07	4958.78	0.011	0.07
21.33	0.07	4958.78	0.011	0.07
21.34	0.07	4958.78	0.011	0.07
21.35	0.07	4958.78	0.011	0.07
21.36	0.07	4958.78	0.011	0.07
21.37	0.07	4958.78	0.011	0.07
21.38	0.07	4958.78	0.011	0.07
21.39	0.07	4958.78	0.011	0.07
21.40	0.07	4958.78	0.011	0.07
21.41	0.07	4958.78	0.011	0.07
21.42	0.07	4958.78	0.011	0.07
21.43	0.07	4958.78	0.011	0.07
21.44	0.07	4958.78	0.011	0.07
21.45	0.07	4958.78	0.011	0.07
21.46	0.07	4958.78	0.011	0.07
21.47	0.07	4958.78	0.011	0.07
21.48	0.07	4958.78	0.011	0.07
21.49	0.07	4958.78	0.011	0.07
21.50	0.07	4958.78	0.011	0.07
21.51	0.07	4958.78	0.011	0.07
21.52	0.07	4958.78	0.011	0.07
21.53	0.07	4958.78	0.011	0.07
21.54	0.07	4958.78	0.011	0.07
21.55	0.07	4958.78	0.011	0.07
21.56	0.07	4958.78	0.011	0.07
21.57	0.07	4958.78	0.011	0.07
21.58	0.07	4958.78	0.011	0.07
21.59	0.07	4958.78	0.011	0.07
21.60	0.07	4958.78	0.011	0.07
21.61	0.07	4958.78	0.011	0.07
21.62	0.07	4958.78	0.011	0.07
21.63	0.07	4958.78	0.011	0.07
21.64	0.07	4958.78	0.011	0.07
21.65	0.07	4958.78	0.011	0.07
21.66	0.07	4958.78	0.011	0.07
21.67	0.07	4958.78	0.011	0.07
21.68	0.07	4958.78	0.011	0.07
21.69	0.07	4958.78	0.011	0.07
21.70	0.07	4958.78	0.011	0.07
21.71	0.07	4958.78	0.011	0.07
21.72	0.07	4958.78	0.011	0.07
21.73	0.07	4958.78	0.011	0.07
21.74	0.07	4958.78	0.011	0.07
21.75	0.07	4958.78	0.011	0.07
21.76	0.07	4958.78	0.011	0.07
21.77	0.07	4958.78	0.011	0.07
21.78	0.07	4958.78	0.011	0.07
21.79	0.07	4958.78	0.011	0.07
21.80	0.07	4958.78	0.011	0.07
21.81	0.07	4958.78	0.011	0.07
21.82	0.07	4958.78	0.011	0.07
21.83	0.07	4958.78	0.011	0.07
TIME (HRS)	INFLOW (CFS)	ELEV (FEET)	VOLUME (AC-FT)	OUTFLOW (CFS)
21.84	0.07	4958.78	0.011	0.07
21.85	0.07	4958.78	0.011	0.07
21.86	0.07	4958.78	0.011	0.07
21.87	0.07	4958.78	0.011	0.07
21.88	0.07	4958.78	0.011	0.07
21.89	0.07	4958.78	0.011	0.07
21.90	0.07	4958.78	0.011	0.07
21.91	0.07	4958.78	0.011	0.07
21.92	0.07	4958.78	0.011	0.07
21.93	0.07	4958.78	0.011	0.07
21.94	0.07	4958.78	0.011	0.07
21.95	0.07	4958.78	0.011	0.07
21.96	0.07	4958.78	0.011	0.07
21.97	0.07	4958.78	0.011	0.07
21.98	0.07	4958.78	0.011	0.07
21.99	0.07	4958.78	0.011	0.07
22.00	0.07	4958.78	0.011	0.07
22.01	0.07	4958.78	0.011	0.07
22.02	0.07	4958.78	0.011	0.07
22.03	0.07	4958.78	0.011	0.07
22.04	0.07	4958.78	0.011	0.07
22.05	0.07	4958.78	0.011	0.07
22.06	0.07	4958.78	0.011	0.07
22.07	0.07	4958.78	0.011	0.07
22.08	0.07	4958.78	0.011	0.07
22.09	0.07	4958.78	0.011	0.07
22.10	0.07	4958.78	0.011	0.07
22.11	0.07	4958.78	0.011	0.07
22.12	0.07	4958.78	0.011	0.07

TIME (HRS)	INFLOW (CFS)	ELEV (FEET)	VOLUME (AC-FT)	OUTFLOW (CFS)
22.96	0.07	4958.78	0.011	0.07
22.97	0.07	4958.78	0.011	0.07
22.98	0.07	4958.78	0.011	0.07
22.99	0.07	4958.78	0.011	0.07
23.00	0.07	4958.78	0.011	0.07
23.01	0.07	4958.78	0.011	0.07
23.02	0.07	4958.78	0.011	0.07
23.03	0.07	4958.78	0.011	0.07
23.04	0.07	4958.78	0.011	0.07
23.05	0.07	4958.78	0.011	0.07
23.06	0.07	4958.78	0.011	0.07
23.07	0.07	4958.78	0.011	0.07
23.08	0.07	4958.78	0.011	0.07
23.09	0.07	4958.78	0.011	0.07
23.10	0.07	4958.78	0.011	0.07
23.11	0.07	4958.78	0.011	0.07
23.12	0.07	4958.78	0.011	0.07

TIME (HRS)	INFLOW (CFS)	ELEV (FEET)	VOLUME (AC-FT)	OUTFLOW (CFS)
23.52	0.07	4958.78	0.011	0.07
23.53	0.07	4958.78	0.011	0.07
23.54	0.07	4958.78	0.011	0.07
23.55	0.07	4958.78	0.011	0.07
23.56	0.07	4958.78	0.011	0.07
23.57	0.07	4958.78	0.011	0.07
23.58	0.07	4958.78	0.011	0.07
23.59	0.07	4958.78	0.011	0.07
23.60	0.07	4958.78	0.011	0.07
23.61	0.07	4958.78	0.011	0.07
23.62	0.07	4958.78	0.011	0.07
23.63	0.07	4958.78	0.011	0.07
23.64	0.07	4958.78	0.011	0.07
23.65	0.07	4958.78	0.011	0.07
23.66	0.07	4958.78	0.011	0.07
23.67	0.07	4958.78	0.011	0.07
23.68	0.07	4958.78	0.011	0.07
23.69	0.07	4958.78	0.011	0.07
23.70	0.07	4958.78	0.011	0.07
23.71	0.07	4958.78	0.011	0.07
23.72	0.07	4958.78	0.011	0.07
23.73	0.07	4958.78	0.011	0.07
23.74	0.07	4958.78	0.011	0.07
23.75	0.07	4958.78	0.011	0.07
23.76	0.07	4958.78	0.011	0.07
23.77	0.07	4958.78	0.011	0.07
23.78	0.07	4958.78	0.011	0.07
23.79	0.07	4958.78	0.011	0.07
23.80	0.07	4958.78	0.011	0.07
23.81	0.07	4958.78	0.011	0.07
23.82	0.07	4958.78	0.011	0.07
23.83	0.07	4958.78	0.011	0.07
23.84	0.07	4958.78	0.011	0.07
23.85	0.07	4958.78	0.011	0.07
23.86	0.07	4958.78	0.011	0.07
23.87	0.07	4958.78	0.011	0.07
23.88	0.07	4958.78	0.011	0.07
23.89	0.07	4958.78	0.011	0.07
23.90	0.07	4958.78	0.011	0.07
23.91	0.07	4958.78	0.011	0.07
23.92	0.07	4958.78	0.011	0.07
23.93	0.07	4958.78	0.011	0.07
23.94	0.07	4958.78	0.011	0.07
23.95	0.07	4958.78	0.011	0.07
23.96	0.07	4958.78	0.011	0.07
23.97	0.07	4958.78	0.011	0.07
23.98	0.07	4958.78	0.011	0.07
23.99	0.07	4958.78	0.011	0.07
24.00	0.07	4958.78	0.011	0.07
24.01	0.07	4958.78	0.011	0.07
24.02	0.07	4958.78	0.011	0.07
24.03	0.07	4958.78	0.011	0.07
24.04	0.07	4958.78	0.011	0.07
24.05	0.07	4958.78	0.011	0.07
24.06	0.07	4958.78	0.011	0.07
24.07	0.07	4958.78	0.011	0.07
TIME (HRS)	INFLOW (CFS)	ELEV (FEET)	VOLUME (AC-FT)	OUTFLOW (CFS)
24.08	0.07	4958.78	0.011	0.07
24.09	0.07	4958.78	0.011	0.07
24.10	0.07	4958.78	0.011	0.07
24.11	0.06	4958.78	0.011	0.07
24.12	0.06	4958.78	0.011	0.07

24.13	0.06	4958.78	0.011	0.07
24.14	0.05	4958.78	0.011	0.07
24.15	0.05	4958.78	0.011	0.07
24.16	0.04	4958.78	0.011	0.07
24.17	0.04	4958.78	0.010	0.07
24.18	0.04	4958.78	0.010	0.07
24.19	0.03	4958.78	0.010	0.07
24.20	0.03	4958.78	0.010	0.07
24.21	0.03	4958.78	0.010	0.07
24.22	0.02	4958.78	0.010	0.07
24.23	0.02	4958.78	0.010	0.07
24.24	0.02	4958.78	0.010	0.07
24.25	0.02	4958.78	0.010	0.07
24.26	0.02	4958.78	0.010	0.07
24.27	0.02	4958.78	0.010	0.07
24.28	0.01	4958.78	0.010	0.07
24.29	0.01	4958.78	0.010	0.07
24.30	0.01	4958.78	0.010	0.07
24.31	0.01	4958.78	0.010	0.07
24.32	0.01	4958.78	0.010	0.07
24.33	0.01	4958.78	0.010	0.07
24.34	0.01	4958.78	0.010	0.07
24.35	0.01	4958.78	0.010	0.07
24.36	0.01	4958.78	0.010	0.07
24.37	0.01	4958.78	0.010	0.07
24.38	0.01	4958.78	0.010	0.07
24.39	0.01	4958.78	0.010	0.07
24.40	0.01	4958.78	0.009	0.07
24.41	0.01	4958.78	0.009	0.07
24.42	0.01	4958.78	0.009	0.07
24.43	0.01	4958.78	0.009	0.06
24.44	0.01	4958.78	0.009	0.06
24.45	0.01	4958.78	0.009	0.06
24.46	0.01	4958.78	0.009	0.06
24.47	0.01	4958.78	0.009	0.06
24.48	0.01	4958.77	0.009	0.06
24.49	0.01	4958.77	0.009	0.06
24.50	0.01	4958.77	0.009	0.06
24.51	0.00	4958.77	0.009	0.06
24.52	0.00	4958.77	0.009	0.06
24.53	0.00	4958.77	0.009	0.06
24.54	0.00	4958.77	0.009	0.06
24.55	0.00	4958.77	0.009	0.06
24.56	0.00	4958.77	0.009	0.06
24.57	0.00	4958.77	0.009	0.06
24.58	0.00	4958.77	0.009	0.06
24.59	0.00	4958.77	0.009	0.06
24.60	0.00	4958.77	0.009	0.06
24.61	0.00	4958.77	0.008	0.06
24.62	0.00	4958.77	0.008	0.06
24.63	0.00	4958.77	0.008	0.06

TIME (HRS)	INFLOW (CFS)	ELEV (FEET)	VOLUME (AC-FT)	OUTFLOW (CFS)
24.64	0.00	4958.77	0.008	0.06
24.65	0.00	4958.77	0.008	0.06
24.66	0.00	4958.77	0.008	0.06
24.67	0.00	4958.77	0.008	0.06
24.68	0.00	4958.77	0.008	0.06
24.69	0.00	4958.77	0.008	0.06
24.70	0.00	4958.77	0.008	0.06
24.71	0.00	4958.77	0.008	0.06
24.72	0.00	4958.77	0.008	0.06
24.73	0.00	4958.77	0.008	0.05
24.74	0.00	4958.77	0.008	0.05
24.75	0.00	4958.77	0.008	0.05
24.76	0.00	4958.77	0.008	0.05
24.77	0.00	4958.77	0.008	0.05
24.78	0.00	4958.77	0.008	0.05
24.79	0.00	4958.77	0.008	0.05
24.80	0.00	4958.77	0.008	0.05
24.81	0.00	4958.77	0.008	0.05
24.82	0.00	4958.77	0.008	0.05
24.83	0.00	4958.77	0.007	0.05
24.84	0.00	4958.77	0.007	0.05
24.85	0.00	4958.77	0.007	0.05
24.86	0.00	4958.77	0.007	0.05
24.87	0.00	4958.77	0.007	0.05
24.88	0.00	4958.77	0.007	0.05
24.89	0.00	4958.77	0.007	0.05
24.90	0.00	4958.77	0.007	0.05
24.91	0.00	4958.77	0.007	0.05
24.92	0.00	4958.77	0.007	0.05
24.93	0.00	4958.77	0.007	0.05
24.94	0.00	4958.77	0.007	0.05
24.95	0.00	4958.77	0.007	0.05
24.96	0.00	4958.77	0.007	0.05
24.97	0.00	4958.77	0.007	0.05
24.98	0.00	4958.77	0.007	0.05
24.99	0.00	4958.77	0.007	0.05
25.00	0.00	4958.77	0.007	0.05
25.01	0.00	4958.77	0.007	0.05
25.02	0.00	4958.77	0.007	0.05
25.03	0.00	4958.77	0.007	0.05
25.04	0.00	4958.77	0.007	0.05
25.05	0.00	4958.77	0.007	0.05
25.06	0.00	4958.77	0.007	0.05
25.07	0.00	4958.77	0.007	0.05
25.08	0.00	4958.77	0.006	0.05
25.09	0.00	4958.77	0.006	0.04
25.10	0.00	4958.77	0.006	0.04
25.11	0.00	4958.77	0.006	0.04
25.12	0.00	4958.77	0.006	0.04
25.13	0.00	4958.77	0.006	0.04
25.14	0.00	4958.77	0.006	0.04
25.15	0.00	4958.77	0.006	0.04
25.16	0.00	4958.77	0.006	0.04

TIME (HRS)	INFLOW (CFS)	ELEV (FEET)	VOLUME (AC-FT)	OUTFLOW (CFS)
25.20	0.00	4958.77	0.006	0.04
25.21	0.00	4958.77	0.006	0.04
25.22	0.00	4958.77	0.006	0.04
25.23	0.00	4958.77	0.006	0.04
25.24	0.00	4958.77	0.006	0.04
25.25	0.00	4958.77	0.006	0.04
25.26	0.00	4958.77	0.006	0.04
25.27	0.00	4958.77	0.006	0.04
25.28	0.00	4958.77	0.006	0.04
25.29	0.00	4958.77	0.006	0.04
25.30	0.00	4958.77	0.006	0.04
25.31	0.00	4958.77	0.006	0.04
25.32	0.00	4958.77	0.006	0.04
25.33	0.00	4958.77	0.006	0.04
25.34	0.00	4958.77	0.006	0.04
25.35	0.00	4958.77	0.006	0.04
25.36	0.00	4958.77	0.006	0.04
25.37	0.00	4958.77	0.005	0.04
25.38	0.00	4958.77	0.005	0.04
25.39	0.00	4958.77	0.005	0.04
25.40	0.00	4958.76	0.005	0.04
25.41	0.00	4958.76	0.005	0.04
25.42	0.00	4958.76	0.005	0.04
25.43	0.00	4958.76	0.005	0.04
25.44	0.00	4958.76	0.005	0.04
25.45	0.00	4958.76	0.005	0.04
25.46	0.00	4958.76	0.005	0.04
25.47	0.00	4958.76	0.005	0.04
25.48	0.00	4958.76	0.005	0.04
25.49	0.00	4958.76	0.005	0.04
25.50	0.00	4958.76	0.005	0.04
25.51	0.00	4958.76	0.005	0.04
25.52	0.00	4958.76	0.005	0.03
25.53	0.00	4958.76	0.005	0.03
25.54	0.00	4958.76	0.005	0.03
25.55	0.00	4958.76	0.005	0.03
25.56	0.00	4958.76	0.005	0.03
25.57	0.00	4958.76	0.005	0.03
25.58	0.00	4958.76	0.005	0.03
25.59	0.00	4958.76	0.005	0.03
25.60	0.00	4958.76	0.005	0.03
25.61	0.00	4958.76	0.005	0.03
25.62	0.00	4958.76	0.005	0.03
25.63	0.00	4958.76	0.005	0.03
25.64	0.00	4958.76	0.005	0.03
25.65	0.00	4958.76	0.005	0.03
25.66	0.00	4958.76	0.005	0.03
25.67	0.00	4958.76	0.005	0.03
25.68	0.00	4958.76	0.005	0.03
25.69	0.00	4958.76	0.005	0.03
25.70	0.00	4958.76	0.005	0.03
25.71	0.00	4958.76	0.005	0.03
25.72	0.00	4958.76	0.004	0.03
25.73	0.00	4958.76	0.004	0.03
25.74	0.00	4958.76	0.004	0.03
25.75	0.00	4958.76	0.004	0.03
TIME (HRS)	INFLOW (CFS)	ELEV (FEET)	VOLUME (AC-FT)	OUTFLOW (CFS)
25.76	0.00	4958.76	0.004	0.03
25.77	0.00	4958.76	0.004	0.03
25.78	0.00	4958.76	0.004	0.03
25.79	0.00	4958.76	0.004	0.03
25.80	0.00	4958.76	0.004	0.03
25.81	0.00	4958.76	0.004	0.03
25.82	0.00	4958.76	0.004	0.03
25.83	0.00	4958.76	0.004	0.03
25.84	0.00	4958.76	0.004	0.03
25.85	0.00	4958.76	0.004	0.03
25.86	0.00	4958.76	0.004	0.03
25.87	0.00	4958.76	0.004	0.03
25.88	0.00	4958.76	0.004	0.03
25.89	0.00	4958.76	0.004	0.03
25.90	0.00	4958.76	0.004	0.03
25.91	0.00	4958.76	0.004	0.03
25.92	0.00	4958.76	0.004	0.03
25.93	0.00	4958.76	0.004	0.03
25.94	0.00	4958.76	0.004	0.03
25.95	0.00	4958.76	0.004	0.03
25.96	0.00	4958.76	0.004	0.03
25.97	0.00	4958.76	0.004	0.03
25.98	0.00	4958.76	0.004	0.03
25.99	0.00	4958.76	0.004	0.03
26.00	0.00	4958.76	0.004	0.03
26.01	0.00	4958.76	0.004	0.03
26.02	0.00	4958.76	0.004	0.03
26.03	0.00	4958.76	0.004	0.03
26.04	0.00	4958.76	0.004	0.03
26.05	0.00	4958.76	0.004	0.03
26.06	0.00	4958.76	0.004	0.03
26.07	0.00	4958.76	0.004	0.03
26.08	0.00	4958.76	0.004	0.03
26.09	0.00	4958.76	0.004	0.03
26.10	0.00	4958.76	0.004	0.03
26.11	0.00	4958.76	0.004	0.02
26.12	0.00	4958.76	0.004	0.02
26.13	0.00	4958.76	0.004	0.02
26.14	0.00	4958.76	0.004	0.02
26.15	0.00	4958.76	0.004	0.02
26.16	0.00	4958.76	0.003	0.02

26.17	0.00	4958.76	0.003	0.02
26.18	0.00	4958.76	0.003	0.02
26.19	0.00	4958.76	0.003	0.02
26.20	0.00	4958.76	0.003	0.02
26.21	0.00	4958.76	0.003	0.02
26.22	0.00	4958.76	0.003	0.02
26.23	0.00	4958.76	0.003	0.02
26.24	0.00	4958.76	0.003	0.02
26.25	0.00	4958.76	0.003	0.02
26.26	0.00	4958.76	0.003	0.02
26.27	0.00	4958.76	0.003	0.02
26.28	0.00	4958.76	0.003	0.02
26.29	0.00	4958.76	0.003	0.02
26.30	0.00	4958.76	0.003	0.02
26.31	0.00	4958.76	0.003	0.02

TIME (HRS)	INFLOW (CFS)	ELEV (FEET)	VOLUME (AC-FT)	OUTFLOW (CFS)
26.32	0.00	4958.76	0.003	0.02
26.33	0.00	4958.76	0.003	0.02
26.34	0.00	4958.76	0.003	0.02
26.35	0.00	4958.76	0.003	0.02
26.36	0.00	4958.76	0.003	0.02
26.37	0.00	4958.76	0.003	0.02
26.38	0.00	4958.76	0.003	0.02
26.39	0.00	4958.76	0.003	0.02
26.40	0.00	4958.76	0.003	0.02
26.41	0.00	4958.76	0.003	0.02
26.42	0.00	4958.76	0.003	0.02
26.43	0.00	4958.76	0.003	0.02
26.44	0.00	4958.76	0.003	0.02
26.45	0.00	4958.76	0.003	0.02
26.46	0.00	4958.76	0.003	0.02
26.47	0.00	4958.76	0.003	0.02
26.48	0.00	4958.76	0.003	0.02
26.49	0.00	4958.76	0.003	0.02
26.50	0.00	4958.76	0.003	0.02
26.51	0.00	4958.76	0.003	0.02
26.52	0.00	4958.76	0.003	0.02
26.53	0.00	4958.76	0.003	0.02
26.54	0.00	4958.76	0.003	0.02
26.55	0.00	4958.76	0.003	0.02
26.56	0.00	4958.76	0.003	0.02
26.57	0.00	4958.76	0.003	0.02
26.58	0.00	4958.76	0.003	0.02
26.59	0.00	4958.76	0.003	0.02
26.60	0.00	4958.76	0.003	0.02
26.61	0.00	4958.76	0.003	0.02
26.62	0.00	4958.76	0.003	0.02
26.63	0.00	4958.76	0.003	0.02
26.64	0.00	4958.76	0.003	0.02
26.65	0.00	4958.76	0.003	0.02
26.66	0.00	4958.76	0.003	0.02
26.67	0.00	4958.76	0.003	0.02
26.68	0.00	4958.76	0.003	0.02
26.69	0.00	4958.76	0.003	0.02
26.70	0.00	4958.76	0.003	0.02
26.71	0.00	4958.76	0.003	0.02
26.72	0.00	4958.76	0.003	0.02
26.73	0.00	4958.76	0.003	0.02
26.74	0.00	4958.76	0.003	0.02
26.75	0.00	4958.76	0.002	0.02
26.76	0.00	4958.76	0.002	0.02
26.77	0.00	4958.76	0.002	0.02
26.78	0.00	4958.76	0.002	0.02
26.79	0.00	4958.76	0.002	0.02
26.80	0.00	4958.76	0.002	0.02
26.81	0.00	4958.76	0.002	0.02
26.82	0.00	4958.76	0.002	0.02
26.83	0.00	4958.76	0.002	0.02
26.84	0.00	4958.76	0.002	0.02
26.85	0.00	4958.76	0.002	0.02
26.86	0.00	4958.76	0.002	0.02
26.87	0.00	4958.76	0.002	0.02

TIME (HRS)	INFLOW (CFS)	ELEV (FEET)	VOLUME (AC-FT)	OUTFLOW (CFS)
26.88	0.00	4958.76	0.002	0.02
26.89	0.00	4958.76	0.002	0.02
26.90	0.00	4958.76	0.002	0.02
26.91	0.00	4958.76	0.002	0.02
26.92	0.00	4958.76	0.002	0.02
26.93	0.00	4958.76	0.002	0.02
26.94	0.00	4958.76	0.002	0.02
26.95	0.00	4958.76	0.002	0.02
26.96	0.00	4958.76	0.002	0.02
26.97	0.00	4958.76	0.002	0.02
26.98	0.00	4958.76	0.002	0.02
26.99	0.00	4958.76	0.002	0.02
27.00	0.00	4958.76	0.002	0.01
27.01	0.00	4958.76	0.002	0.01
27.02	0.00	4958.76	0.002	0.01
27.03	0.00	4958.76	0.002	0.01
27.04	0.00	4958.76	0.002	0.01
27.05	0.00	4958.76	0.002	0.01
27.06	0.00	4958.76	0.002	0.01
27.07	0.00	4958.76	0.002	0.01
27.08	0.00	4958.76	0.002	0.01
27.09	0.00	4958.76	0.002	0.01
27.10	0.00	4958.76	0.002	0.01
27.11	0.00	4958.76	0.002	0.01
27.12	0.00	4958.76	0.002	0.01
27.13	0.00	4958.76	0.002	0.01
27.14	0.00	4958.76	0.002	0.01
27.15	0.00	4958.76	0.002	0.01
27.16	0.00	4958.76	0.002	0.01

27.17	0.00	4958.76	0.002	0.01
27.18	0.00	4958.76	0.002	0.01
27.19	0.00	4958.76	0.002	0.01
27.20	0.00	4958.76	0.002	0.01
27.21	0.00	4958.76	0.002	0.01
27.22	0.00	4958.76	0.002	0.01
27.23	0.00	4958.76	0.002	0.01
27.24	0.00	4958.76	0.002	0.01
27.25	0.00	4958.76	0.002	0.01
27.26	0.00	4958.75	0.002	0.01
27.27	0.00	4958.75	0.002	0.01
27.28	0.00	4958.75	0.002	0.01
27.29	0.00	4958.75	0.002	0.01
27.30	0.00	4958.75	0.002	0.01
27.31	0.00	4958.75	0.002	0.01
27.32	0.00	4958.75	0.002	0.01
27.33	0.00	4958.75	0.002	0.01
27.34	0.00	4958.75	0.002	0.01
27.35	0.00	4958.75	0.002	0.01
27.36	0.00	4958.75	0.002	0.01
27.37	0.00	4958.75	0.002	0.01
27.38	0.00	4958.75	0.002	0.01
27.39	0.00	4958.75	0.002	0.01
27.40	0.00	4958.75	0.002	0.01
27.41	0.00	4958.75	0.002	0.01
27.42	0.00	4958.75	0.002	0.01
27.43	0.00	4958.75	0.002	0.01

TIME (HRS)	INFLOW (CFS)	ELEV (FEET)	VOLUME (AC-FT)	OUTFLOW (CFS)
27.44	0.00	4958.75	0.002	0.01
27.45	0.00	4958.75	0.002	0.01
27.46	0.00	4958.75	0.002	0.01
27.47	0.00	4958.75	0.002	0.01
27.48	0.00	4958.75	0.002	0.01
27.49	0.00	4958.75	0.002	0.01
27.50	0.00	4958.75	0.002	0.01
27.51	0.00	4958.75	0.002	0.01
27.52	0.00	4958.75	0.002	0.01
27.53	0.00	4958.75	0.002	0.01
27.54	0.00	4958.75	0.002	0.01
27.55	0.00	4958.75	0.002	0.01
27.56	0.00	4958.75	0.002	0.01
27.57	0.00	4958.75	0.002	0.01
27.58	0.00	4958.75	0.002	0.01
27.59	0.00	4958.75	0.002	0.01
27.60	0.00	4958.75	0.002	0.01
27.61	0.00	4958.75	0.002	0.01
27.62	0.00	4958.75	0.002	0.01
27.63	0.00	4958.75	0.002	0.01
27.64	0.00	4958.75	0.001	0.01
27.65	0.00	4958.75	0.001	0.01
27.66	0.00	4958.75	0.001	0.01
27.67	0.00	4958.75	0.001	0.01
27.68	0.00	4958.75	0.001	0.01
27.69	0.00	4958.75	0.001	0.01
27.70	0.00	4958.75	0.001	0.01
27.71	0.00	4958.75	0.001	0.01
27.72	0.00	4958.75	0.001	0.01
27.73	0.00	4958.75	0.001	0.01
27.74	0.00	4958.75	0.001	0.01
27.75	0.00	4958.75	0.001	0.01
27.76	0.00	4958.75	0.001	0.01
27.77	0.00	4958.75	0.001	0.01
27.78	0.00	4958.75	0.001	0.01
27.79	0.00	4958.75	0.001	0.01
27.80	0.00	4958.75	0.001	0.01
27.81	0.00	4958.75	0.001	0.01
27.82	0.00	4958.75	0.001	0.01
27.83	0.00	4958.75	0.001	0.01
27.84	0.00	4958.75	0.001	0.01
27.85	0.00	4958.75	0.001	0.01
27.86	0.00	4958.75	0.001	0.01
27.87	0.00	4958.75	0.001	0.01
27.88	0.00	4958.75	0.001	0.01
27.89	0.00	4958.75	0.001	0.01
27.90	0.00	4958.75	0.001	0.01
27.91	0.00	4958.75	0.001	0.01
27.92	0.00	4958.75	0.001	0.01
27.93	0.00	4958.75	0.001	0.01
27.94	0.00	4958.75	0.001	0.01
27.95	0.00	4958.75	0.001	0.01
27.96	0.00	4958.75	0.001	0.01
27.97	0.00	4958.75	0.001	0.01
27.98	0.00	4958.75	0.001	0.01
27.99	0.00	4958.75	0.001	0.01

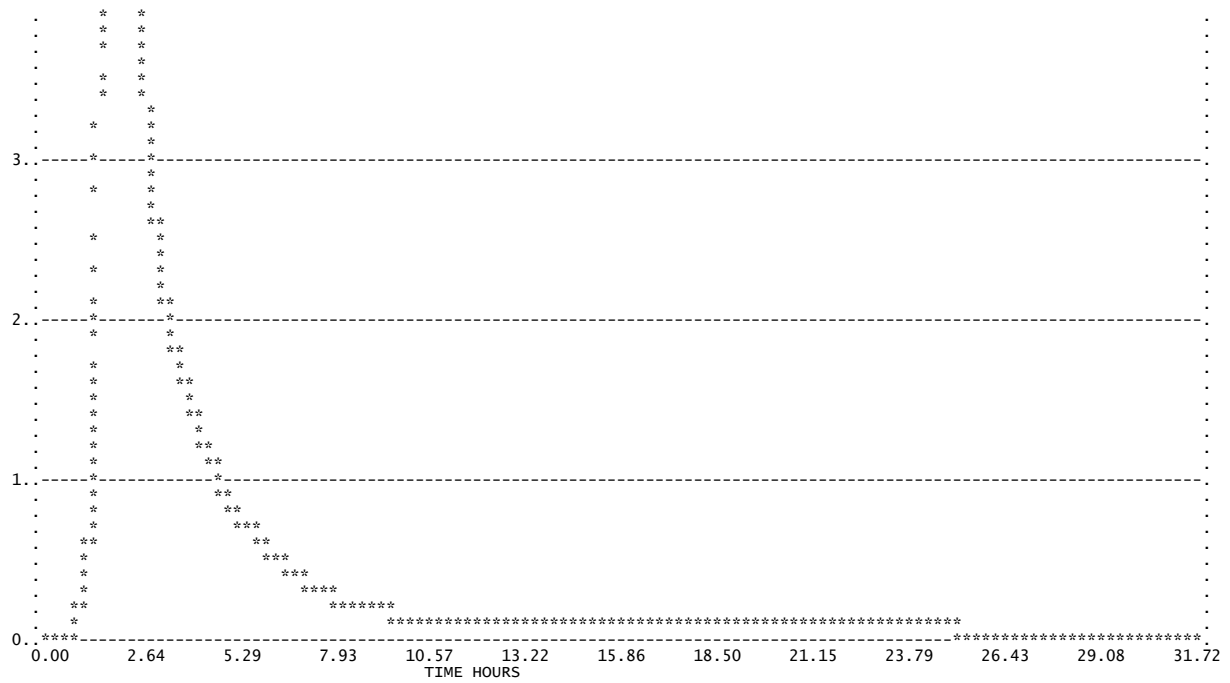
TIME (HRS)	INFLOW (CFS)	ELEV (FEET)	VOLUME (AC-FT)	OUTFLOW (CFS)
28.00	0.00	4958.75	0.001	0.01
28.01	0.00	4958.75	0.001	0.01
28.02	0.00	4958.75	0.001	0.01
28.03	0.00	4958.75	0.001	0.01
28.04	0.00	4958.75	0.001	0.01
28.05	0.00	4958.75	0.001	0.01
28.06	0.00	4958.75	0.001	0.01
28.07	0.00	4958.75	0.001	0.01
28.08	0.00	4958.75	0.001	0.01
28.09	0.00	4958.75	0.001	0.01
28.10	0.00	4958.75	0.001	0.01
28.11	0.00	4958.75	0.001	0.01
28.12	0.00	4958.75	0.001	0.01
28.13	0.00	4958.75	0.001	0.01
28.14	0.00	4958.75	0.001	0.01
28.15	0.00	4958.75	0.001	0.01
28.16	0.00	4958.75	0.001	0.01

TIME (HRS)	INFLOW (CFS)	ELEV (FEET)	VOLUME (AC-FT)	OUTFLOW (CFS)
28.56	0.00	4958.75	0.001	0.01
28.57	0.00	4958.75	0.001	0.01
28.58	0.00	4958.75	0.001	0.01
28.59	0.00	4958.75	0.001	0.01
28.60	0.00	4958.75	0.001	0.01
28.61	0.00	4958.75	0.001	0.01
28.62	0.00	4958.75	0.001	0.01
28.63	0.00	4958.75	0.001	0.01
28.64	0.00	4958.75	0.001	0.01
28.65	0.00	4958.75	0.001	0.01
28.66	0.00	4958.75	0.001	0.01
28.67	0.00	4958.75	0.001	0.01
28.68	0.00	4958.75	0.001	0.01
28.69	0.00	4958.75	0.001	0.01
28.70	0.00	4958.75	0.001	0.01
28.71	0.00	4958.75	0.001	0.01
28.72	0.00	4958.75	0.001	0.01
28.73	0.00	4958.75	0.001	0.01
28.74	0.00	4958.75	0.001	0.01
28.75	0.00	4958.75	0.001	0.01
28.76	0.00	4958.75	0.001	0.01
28.77	0.00	4958.75	0.001	0.01
28.78	0.00	4958.75	0.001	0.01
28.79	0.00	4958.75	0.001	0.01
28.80	0.00	4958.75	0.001	0.01
28.81	0.00	4958.75	0.001	0.01
28.82	0.00	4958.75	0.001	0.01
28.83	0.00	4958.75	0.001	0.01
28.84	0.00	4958.75	0.001	0.01
28.85	0.00	4958.75	0.001	0.01
28.86	0.00	4958.75	0.001	0.01
28.87	0.00	4958.75	0.001	0.01
28.88	0.00	4958.75	0.001	0.01
28.89	0.00	4958.75	0.001	0.01
28.90	0.00	4958.75	0.001	0.01
28.91	0.00	4958.75	0.001	0.01
28.92	0.00	4958.75	0.001	0.01

HYDROGRAPH FROM AREA POND.1

Plot HYD ID=8
FLOW RATE (CFS)

4. _____
 . ***
 . * *
 . * *
 . * *
 . * **
 . * **
 . * *
 . * *
 . * *
 . * *
 3. _____



*
FINISH
NORMAL PROGRAM FINISH END TIME (HR:MIN:SEC) = 13:29:48

APPENDIX B

DRAINAGE INFORMATION SHEET

PROJECT TITLE: Burger King - Rio Grande & I-40 ZONE ATLAS/DRNG, FILE#: H-13 / 429
DRB #: _____ EPC #: _____ WORK ORDER #: _____
LEGAL DESCRIPTION: Tracts 234B1 & 234B2, Rio Grande Corridor Plan
CITY ADDRESS: _____

ENGINEERING FIRM: Mark Goodwin & Associates, PA CONTACT: Gregory J. Krenik, PE
ADDRESS: PO Box 90606 PHONE: 345-2010
OWNER: Burger King CONTACT: Jim Lewis
ADDRESS: 1620 Central SE PHONE: 247-1529
ARCHITECT: SLNB Architects CONTACT: Jim Lewis
ADDRESS: 1620 Central SE PHONE: 247-1529
SURVEYOR: Aldrich Land Surveying CONTACT: Tim Aldrich
ADDRESS: PO Box 30701 PHONE: 884-1990
CONTRACTOR: N/A CONTACT: _____
ADDRESS: _____ PHONE: _____

TYPE OF SUBMITTAL:

____ DRAINAGE REPORT
X DRAINAGE PLAN
____ CONCEPTUAL GRADING & DRAINAGE PLAN
X GRADING PLAN
____ EROSION CONTROL PLAN
____ ENGINEER'S CERTIFICATION
____ OTHER

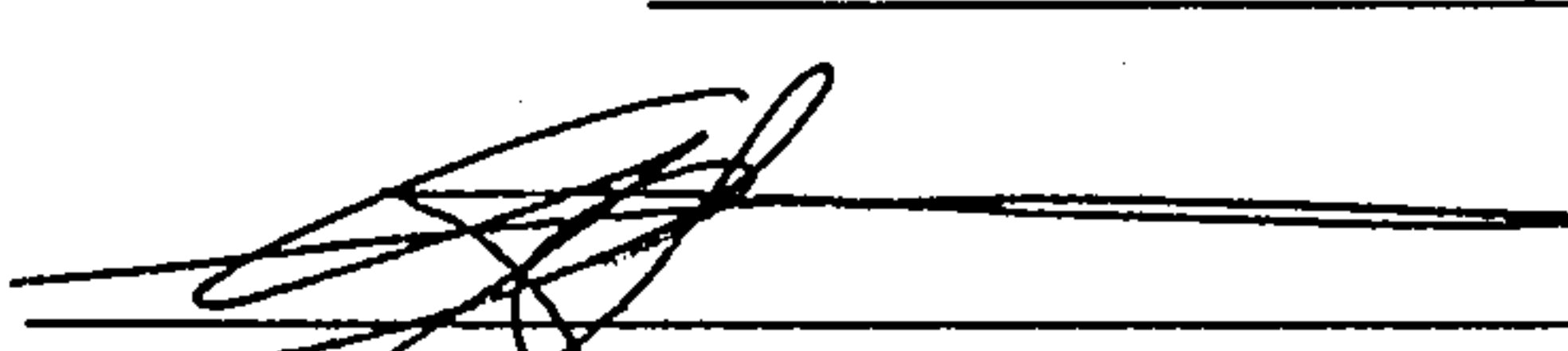
PRE-DESIGN MEETING:

____ YES
X NO
____ COPY PROVIDED

CHECK TYPE OF APPROVAL SOUGHT:

____ SKETCH PLAT APPROVAL
____ PRELIMINARY PLAT APPROVAL
____ S. DEV. PLAN FOR SUB'D APPROVAL
____ S. DEV. PLAN FOR BLDG PERMIT APPROVAL
____ SECTOR PLAN APPROVAL
____ FINAL PLAT APPROVAL
____ FOUNDATION PERMIT APPROVAL
X BUILDING PERMIT APPROVAL
____ CERTIFICATION OF OCCUPANCY APPROVAL
____ GRADING PERMIT APPROVAL
____ PAVING PERMIT APPROVAL
____ S.A.D. DRAINAGE REPORT
____ DRAINAGE REQUIREMENTS
X OTHER Work Order (Specify)

DATE SUBMITTED: 10-28-94

BY: 
Gregory J. Krenik, PE

OCT 31 1994



City of Albuquerque

P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103

January 18, 1996

Greg Krenik
Mark Goodwin & Associates
P.O. Box 90606
Albuquerque, NM 87199

RE: FUELING STATION @ BURGER KING @ RIO GRANDE BLVD. (H13-D29)
ENGINEER'S STAMP DATED 1/17/96.

Dear Mr. Krenik:

Based on the information provided on your January 17, 1996 submittal, the above referenced site is approved for Building Permit.

Please attach a copy of this approved plan to the construction sets prior to sign-off by Hydrology.

Also, prior to Certificate of Occupancy release, Engineer Certification per the D.P.M. checklist will be required.

The City suggests that the area around the fueling bays be graded so that in the future the fueling area can be contained and all wash down water collected be routed to an oil/water separator. This separator would be connected directly to sanitary sewer, not to storm drainage.

If I can be of further assistance, please feel free to contact me at 768-2667.

Sincerely,
Bernie J. Montoya
Bernie J. Montoya, CE
Engineering Associate

BJM/dl

c: Andrew Garcia
John Triandafilidis
File



City of Albuquerque

P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103

October 21, 1994

Gregory J. Krenik
Mark Goodwin & Associates
P.O. Box 90606
Albuquerque, NM 87199

RE: DRAINAGE PLAN FOR BURGER KING @ RIO GRANDE & I-40 (H13-D29)
ENGINEER'S STAMP DATED 10/13/94.

Dear Mr. Krenik:

Based on the information provided on your October 14, 1994 submittal, listed are some concerns that will need to be addressed prior to final approval:

1. You will need to find out whose Right-of-Way you will be crossing with your proposed '4' concrete channel. Concurrence for work within that Right-of-Way must be granted.
2. The proposed connection to the existing inlet will need to follow standard detail DWG No. 223F which allows a maximum of 12" connection.
3. Need to show your Hydraulic calculations for the channel, inlet & pipe.
4. Six notes and sign-off block from the S.O. 19 format must be included on the plan drawing.
5. Location & direction of roof drain. All roof run-off must be routed to the asphalt areas.
6. Please use the Weir equation to determine the entrance capacity of the proposed 4' concrete channel.

If you should have any questions, feel free to contact me at 768-2667.

Sincerely,

Bernie J. Montoya, CE
Engineering Associate

BJM/d1/WPHYD/8907

c: Andrew Garcia
File

DRAINAGE INFORMATION SHEET

PROJECT TITLE: Burger King - Rio Grande & I-40 ZONE ATLAS/DRNG, FILE#: H-13/1029
DRB #: _____ EPC #: _____ WORK ORDER #: _____
LEGAL DESCRIPTION: Tracts 234B1 & 234B2, Rio Grande Corridor Plan
CITY ADDRESS: 1050 Rio Grande Blvd NW

ENGINEERING FIRM: Mark Goodwin & Associates, PA CONTACT: Gregory J. Krenik, PE
ADDRESS: PO Box 90606 PHONE: 345-2010
OWNER: Burger King CONTACT: Jim Lewis
ADDRESS: 1620 Central SE PHONE: 247-1529
ARCHITECT: SLNB Architects CONTACT: Jim Lewis
ADDRESS: 1620 Central SE PHONE: 247-1529
SURVEYOR: Aldrich Land Surveying CONTACT: Tim Aldrich
ADDRESS: PO Box 30701 PHONE: 884-1990
CONTRACTOR: N/A CONTACT: _____
ADDRESS: _____ PHONE: _____

TYPE OF SUBMITTAL:

X DRAINAGE REPORT - ^{ADDED 8" DIP} ~~CALCS.~~
X DRAINAGE PLAN
____ CONCEPTUAL GRADING & DRAINAGE PLAN
X GRADING PLAN
____ EROSION CONTROL PLAN
____ ENGINEER'S CERTIFICATION
____ OTHER

PRE-DESIGN MEETING:

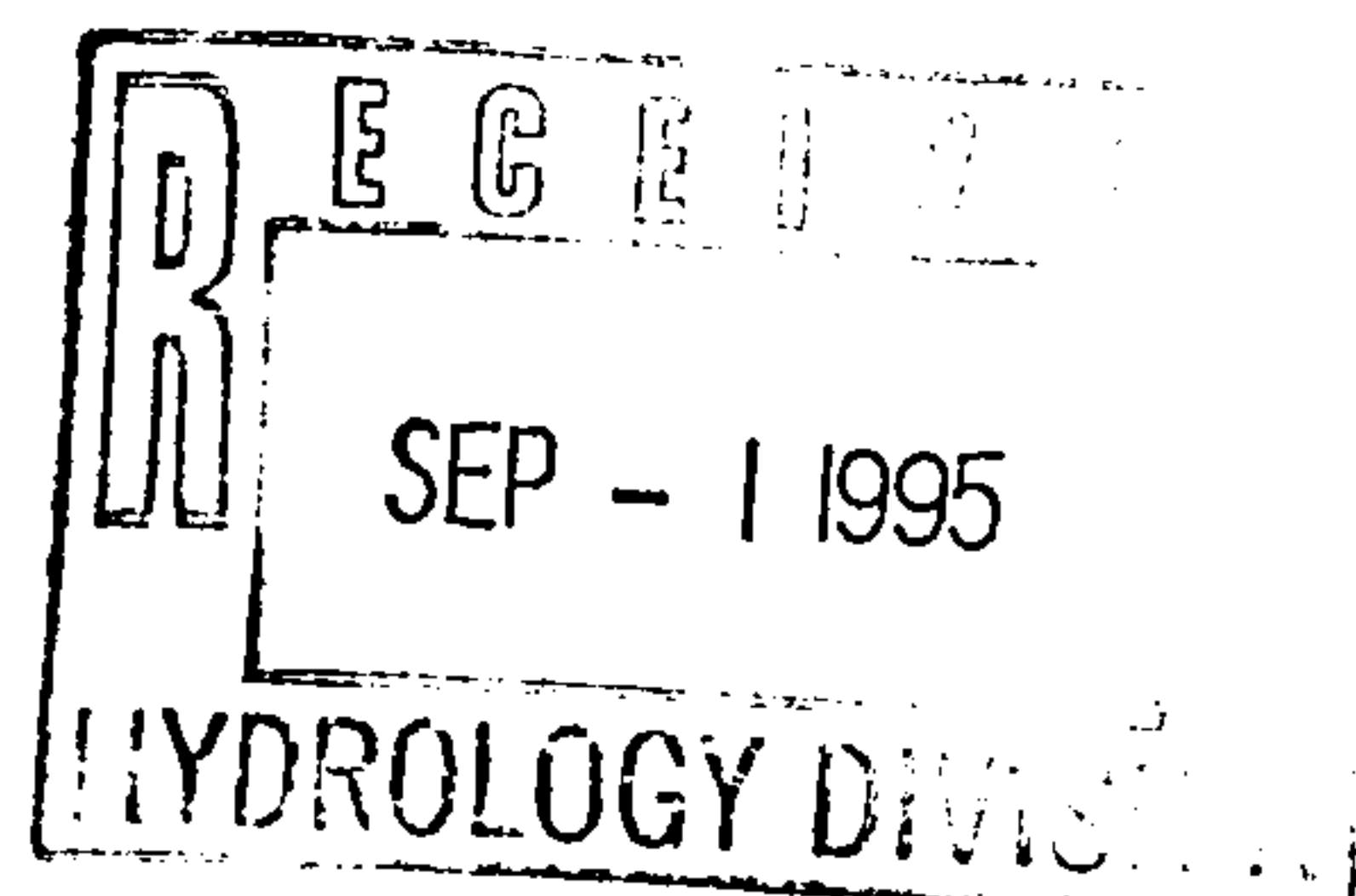
____ YES
X NO
____ COPY PROVIDED

CHECK TYPE OF APPROVAL SOUGHT:

____ SKETCH PLAT APPROVAL
____ PRELIMINARY PLAT APPROVAL
____ S. DEV. PLAN FOR SUB'D APPROVAL
____ S. DEV. PLAN FOR BLDG PERMIT APPROVAL
____ SECTOR PLAN APPROVAL
____ FINAL PLAT APPROVAL
____ FOUNDATION PERMIT APPROVAL
____ BUILDING PERMIT APPROVAL
X CERTIFICATION OF OCCUPANCY APPROVAL
____ GRADING PERMIT APPROVAL
____ PAVING PERMIT APPROVAL
____ S.A.D. DRAINAGE REPORT
____ DRAINAGE REQUIREMENTS
____ OTHER _____ (Specify)

DATE SUBMITTED: 8-30-95

BY: Gregory J. Krenik, PE



DRAINAGE INFORMATION SHEET

PROJECT TITLE: Burger King - Rio Grande & I-40 ZONE ATLAS/DRNG, FILE#: H-13 / 429
DRB #: _____ EPC #: _____ WORK ORDER #: _____
LEGAL DESCRIPTION: Tracts 234B1 & 234B2, Rio Grande Corridor Plan
CITY ADDRESS: 1050 Rio Grande Blvd N.W.

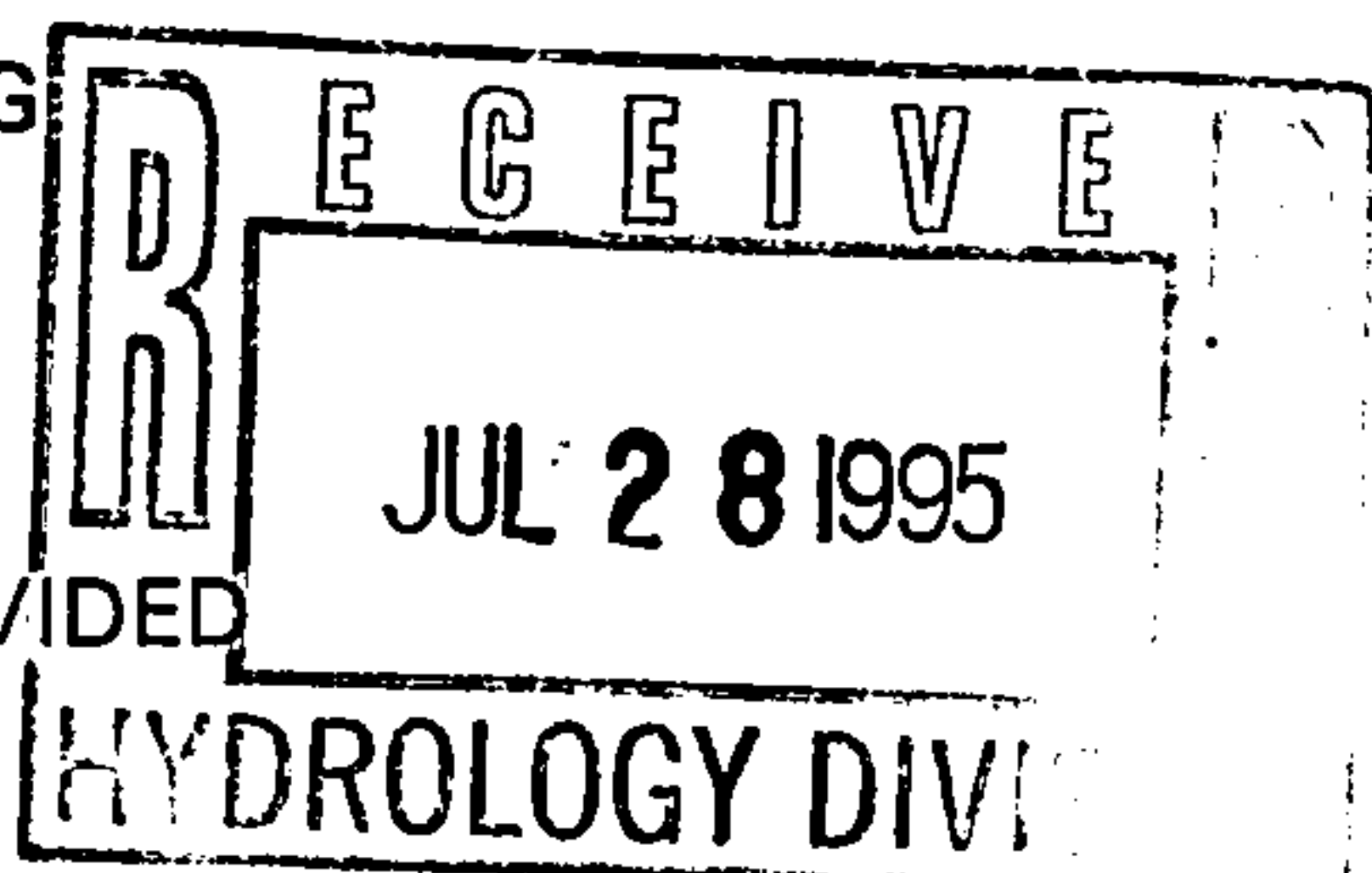
ENGINEERING FIRM: Mark Goodwin & Associates, PA CONTACT: Gregory J. Krenik, PE
ADDRESS: PO Box 90606 PHONE: 345-2010
OWNER: Burger King CONTACT: Jim Lewis
ADDRESS: 1620 Central SE PHONE: 247-1529
ARCHITECT: SLNB Architects CONTACT: Jim Lewis
ADDRESS: 1620 Central SE PHONE: 247-1529
SURVEYOR: Aldrich Land Surveying CONTACT: Tim Aldrich
ADDRESS: PO Box 30701 PHONE: 884-1990
CONTRACTOR: N/A CONTACT: _____
ADDRESS: _____ PHONE: _____

TYPE OF SUBMITTAL:

____ DRAINAGE REPORT
X DRAINAGE PLAN
____ CONCEPTUAL GRADING & DRAINAGE PLAN
X GRADING PLAN
____ EROSION CONTROL PLAN
____ ENGINEER'S CERTIFICATION
____ OTHER _____

PRE-DESIGN MEETING

____ YES
X NO
____ COPY PROVIDED



CHECK TYPE OF APPROVAL SOUGHT:

____ SKETCH PLAT APPROVAL
____ PRELIMINARY PLAT APPROVAL
____ S. DEV. PLAN FOR SUB'D APPROVAL
____ S. DEV. PLAN FOR BLDG PERMIT APPROVAL
____ SECTOR PLAN APPROVAL
____ FINAL PLAT APPROVAL
____ FOUNDATION PERMIT APPROVAL
____ BUILDING PERMIT APPROVAL
X CERTIFICATION OF OCCUPANCY APPROVAL
____ GRADING PERMIT APPROVAL
____ PAVING PERMIT APPROVAL
____ S.A.D. DRAINAGE REPORT
____ DRAINAGE REQUIREMENTS
____ OTHER _____ (Specify)

VERBAL:

Certification not acceptable because of 7/31/95
5.019 item

DATE SUBMITTED: 7-27-95

BY: Gregory J. Krenik, PE

DRAINAGE INFORMATION SHEET

PROJECT TITLE: Burger King - Rio Grande & I-40 ZONE ATLAS/DRNG, FILE#: H-13/1029
DRB #: _____ EPC #: _____ WORK ORDER #: _____
LEGAL DESCRIPTION: Tracts 234B1 & 234B2, Rio Grande Corridor Plan
CITY ADDRESS: 1050 Rio Grande NW

ENGINEERING FIRM: Mark Goodwin & Associates, PA CONTACT: Gregory J. Krenik, PE
ADDRESS: PO Box 90606 PHONE: 345-2010
OWNER: Burger King CONTACT: Jim Lewis
ADDRESS: 1620 Central SE PHONE: 247-1529
ARCHITECT: SLNB Architects CONTACT: Jim Lewis
ADDRESS: 1620 Central SE PHONE: 247-1529
SURVEYOR: Aldrich Land Surveying CONTACT: Tim Aldrich
ADDRESS: PO Box 30701 PHONE: 884-1990
CONTRACTOR: N/A CONTACT: _____
ADDRESS: _____ PHONE: _____

TYPE OF SUBMITTAL:

☐ DRAINAGE REPORT
☒ DRAINAGE PLAN
☐ CONCEPTUAL GRADING & DRAINAGE PLAN
☒ GRADING PLAN
☐ EROSION CONTROL PLAN
☐ ENGINEER'S CERTIFICATION
☐ OTHER

PRE-DESIGN MEETING:

☐ YES
☒ NO
☐ COPY PROVIDED

CHECK TYPE OF APPROVAL SOUGHT:

☐ SKETCH PLAT APPROVAL
☐ PRELIMINARY PLAT APPROVAL
☐ S. DEV. PLAN FOR SUB'D APPROVAL
☐ S. DEV. PLAN FOR BLDG PERMIT APPROVAL
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☐ FINAL PLAT APPROVAL
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☒ BUILDING PERMIT APPROVAL
☐ CERTIFICATION OF OCCUPANCY APPROVAL
☐ GRADING PERMIT APPROVAL
☐ PAVING PERMIT APPROVAL
☐ S.A.D. DRAINAGE REPORT
☐ DRAINAGE REQUIREMENTS
☒ OTHER Work Order (Specify)

DATE SUBMITTED: 10-14-94

BY: Gregory J. Krenik, PE

OCT 14 1994

DRAINAGE INFORMATION SHEET

PROJECT TITLE: BK Gas station ZONE ATLAS/DRNG. FILE #: H13-D29

DRB #: _____ EPC #: _____ WORK ORDER #: _____

LEGAL DESCRIPTION: _____

CITY ADDRESS: 1080 Rio Grande Blvd

ENGINEERING FIRM: Mark Goodwin CONTACT: Greg Krenik

ADDRESS: PO Box 90606 PHONE: 345 2010

OWNER: S&J Enterprises Inc CONTACT: John Tolan

ADDRESS: 3535 Princeton PHONE: 884 6234

ARCHITECT: _____ CONTACT: _____

ADDRESS: _____ PHONE: _____

SURVEYOR: _____ CONTACT: _____

ADDRESS: _____ PHONE: _____

CONTRACTOR: S&J Enterprise Inc CONTACT: John Tolan

ADDRESS: 3535 Princeton PHONE: 884 6234

TYPE OF SUBMITTAL:

☐ DRAINAGE REPORT

☐ DRAINAGE PLAN

☐ CONCEPTUAL GRADING & DRAINAGE PLAN

☐ GRADING PLAN

☐ EROSION CONTROL PLAN

☐ ENGINEER'S CERTIFICATION

☐ OTHER _____

PRE-DESIGN MEETING:

☐ YES

☐ NO

☐ COPY PROVIDED

CHECK TYPE OF APPROVAL SOUGHT:

☐ SKETCH PLAT APPROVAL

☐ PRELIMINARY PLAT APPROVAL

☐ S. DEV. PLAN FOR SUB'D. APPROVAL

☐ S. DEV. PLAN FOR BLDG. PERMIT APPROVAL

☐ SECTOR PLAN APPROVAL

☐ FINAL PLAT APPROVAL

☐ FOUNDATION PERMIT APPROVAL

☒ BUILDING PERMIT APPROVAL

☐ CERTIFICATE OF OCCUPANCY APPROVAL

☒ GRADING PERMIT APPROVAL

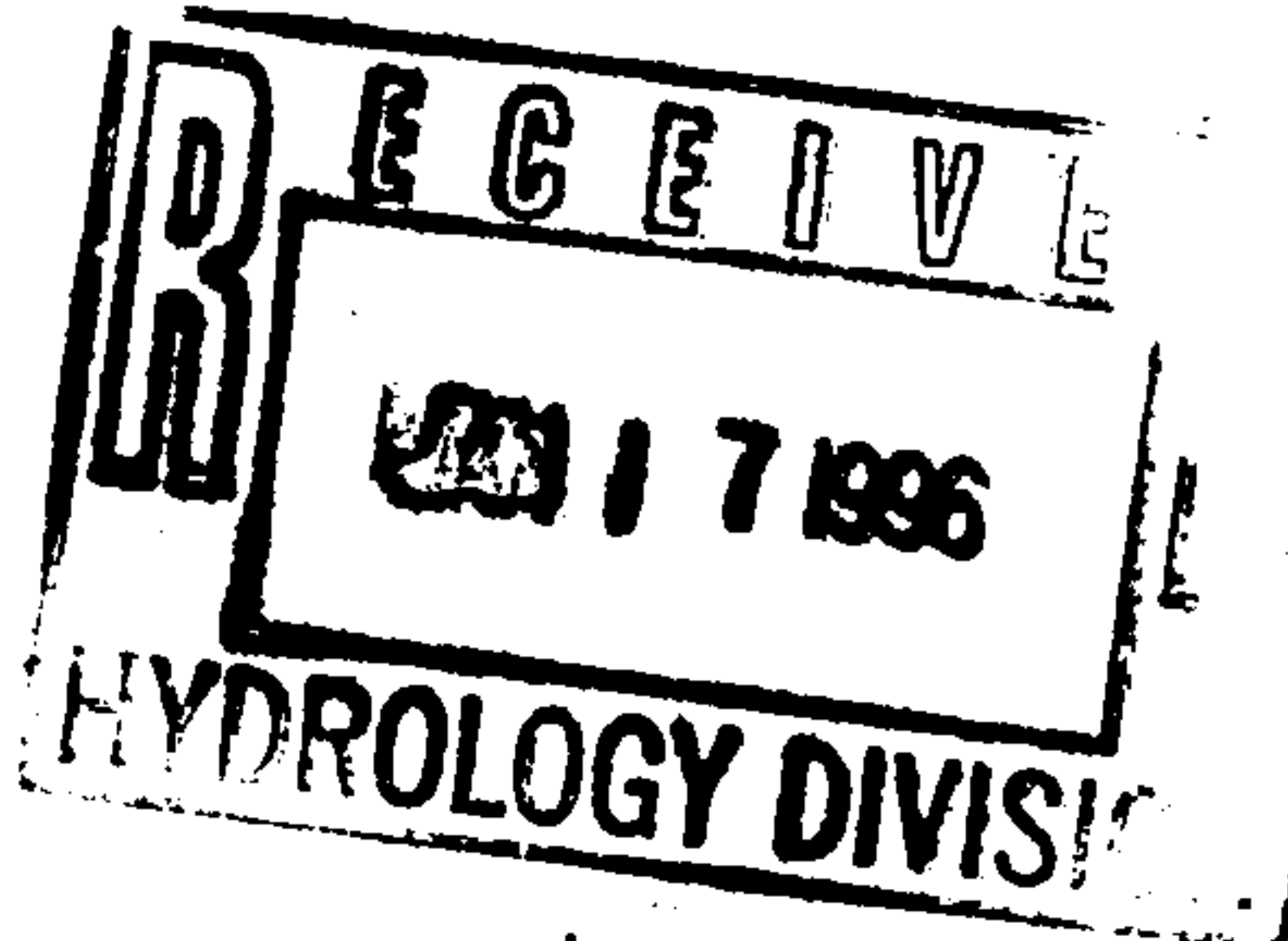
☒ PAVING PERMIT APPROVAL

☐ S.A.D. DRAINAGE REPORT

☐ DRAINAGE REQUIREMENTS

☐ SUBDIVISION CERTIFICATION

☐ OTHER _____ (SPECIFY)



DATE SUBMITTED: 11/7/96

BY: [Signature]

BUREAU OF RECLAMATION
MIDDLE RIO GRANDE PROJECT

LICENSE APPLICATION FORM

DATE OF REQUEST 10-31-94

NAME OF APPLICANT <u>S + J Enterprises</u>	ADDRESS & PHONE <u>3535 Princeton NE 87111</u>
REQUESTED BY <u>GREGORY S. KRENIK, PE</u>	REQUESTOR'S ADDRESS <u>MARK GOODMAN & ASSOC. P.O. Box 90606 87199</u>
LOCATION OF INSTALLATION	
A. MRGCD MAP & TRACT (LOT OR BLOCK) <u>MAP #35</u>	
B. NAME OF DITCH (CANAL, LATERAL, ACEQUIA, DRAIN) <u>ALAMEDA DRAIN</u>	
C. OWNERSHIP (EASEMENT) ON ADJACENT LANDS <u>BURGER KING TO THE NORTH & THE STATE OF NM TO THE SOUTH</u>	
D. EXISTING CONDITIONS <u>VACANT LAND</u>	
NOTE: THE INFORMATION ABOVE SHOULD BE INCLUDED ON A GENERAL MAP OF THE AREA	
CONSTRUCTION DATA	
A. TYPE OF CROSSING	☐ BRIDGE ☐ CONCRETE BOX CULVERT ☐ CONCRETE PIPE CULVERT OR SIPHON ☐ CMP CULVERT ☐ UTILITY CROSSING, BURIED ☐ UTILITY CROSSING, AERIAL
	☐ UTILITY, PARALLEL ☒ OTHER <u>CONCRETE RUNDOWN</u>
B. WIDTH OF CROSSING <u>4'</u>	STARTING DATE <u>JAN 1, 1995</u>
C. CONSTRUCTION SCHEDULE <u>AT RIGHT</u>	COMPLETION DATE <u>MARCH 1, 1995</u>
D. RESTORATION PLANS FOR DISTURBED LAND <u>Per CCA Topsoil Disturbance Permit</u>	REQUESTOR'S SIGNATURE <u>[Signature]</u>

FOR MRGCD OR BUREAU USE ONLY

REQUEST NO. _____

- A. SECTION, TOWNSHIP, RANGE _____
- B. STATIONING OF DITCH _____
- C. DITCH GRADE (DESIGN OR OPERATING) _____
- D. ELEVATION OF CENTERLINE OF INSTALLATION _____
- E. DITCH CAPACITY _____
- F. DITCH RIGHT OF WAY WIDTH _____
- G. WEED PROBLEM CRITERIA _____
- H. REMARKS OR SPECIAL CONDITIONS _____

OCT 31 1994

HYDROLOGY DIVISION

DISTRICT ENGINEER

CITY OF ALBUQUERQUE
Albuquerque, New Mexico

INTER-OFFICE CORRESPONDENCE

REF. NO.

September 26, 1995

TO: Bernie Montoya, Civil Engineer - PWD
FROM: Glenn Jurgensen, Superintendent, Storm Drainage Maint - PWD
SUBJECT: INLET TIE-IN @ I-40 & RIO GRANDE (BURGER KING)

This section has no objections and accepts the use of three 8" pipes to replace the originally designed 12" pipe at the inlet penetration on the NE corner of Rio Grande Boulevard and I-40.

If I can be on any further assistance, please contact me at 291-6214.


Glenn Jurgensen, Superintendent
Storm Drainage Maintenance - PWD

c: Dick Salas, Supervisor, Street Maintenance - PWD
File



City of Albuquerque

P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103

September 8, 1995

Greg Krenik
Mark Goodwin & Associates
P.O. Box 90606
Albuquerque, NM 87199

RE: REVISED ENGINEER CERTIFICATION FOR BURGER KING RIO GRANDE &
1-40 (H13-D29) ADDITIONAL INFORMATION RECEIVED 10/1/95.

Dear Mr. Krenik:

Based on the information provided on your September 1, 1995 resubmittal, request for Certificate of Occupancy release is denied.

The City of Albuquerque Standard Specifications DRG. 2237 allows a maximum size of 12" pipe to connect to the back of the existing catch basin. Therefore, the C.O. cannot be released until this issue has been satisfied. Also, according to Street Maintenance an application for a permit for the construction has not been received.

If I can be of further assistance, please feel free to contact me at 768-2667.

Sincerely,

Bernie J. Montoya, CE
Engineering Associate

BJM/dl

c: Andrew Garcia
File



City of Albuquerque

P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103

November 14, 1994

Greg Krenik
Mark Goodwin & Associates
P.O. Box 90606
Albuquerque, NM 87199

RE: REVISED DRAINAGE PLAN FOR BURGER KING @ RIO GRANDE & I-40
(H13-D29) REVISION DATED 10/31/94.

Dear Mr. Krenik:

Based on the information provided on your October 31, 1994 resubmittal, the above referenced site is approved for Building Permit and Work Order.

Please be advised that a separate permit is required for construction within City Right-of-Way. A copy of this approval letter must be on hand when applying for the excavation permit.

Also, prior to Certificate of Occupancy release, the following must be submitted:

1. Engineer Certification per the D.P.M. checklist will be required.
2. Concurrence from M.R.G.C.D. for work done within their Right-of-Way.

Please attach a copy of this approval letter to the construction sets prior to sign-off by Hydrology.

If I can be of further assistance, please feel free to contact me at 768-2667.

Sincerely,


Bernie J. Montoya, CE
Engineering Associate

BJM/d1/WPHYD/8907

c: Andrew Garcia
Arlene Portillo
File



D. Mark Goodwin & Associates, P.A.
Consulting Engineers and Surveyors
P.O. BOX 90606, ALBUQUERQUE, NM 87199
(505) 345-2010

October 28, 1994

Mr. Bernie Montoya
Hydrology Department
City of Albuquerque
P.O. Box 1293
Albuquerque, NM 87199

Re: **Burger King, Rio Grande @ I-40**

Dear Mr. Montoya:

This letter is a response to your letter of 10/21/94. Each item is an answer to the corresponding item in your letter.

- 1) This is MRGCD's right-of-way and concurrence is forthcoming.
- 2) Added to the plans and shown in the calculations.
- 3) Shown in calculations.
- 4) Added to plans.
- 5) Added to plans.
- 6) Shown in the calculations.

Please call if you have any questions.

Very Truly Yours,

MARK GOODWIN & ASSOCIATES, P.A.

Gregory J. Krenik, P.E.
Project Manager

GJK: smr

OCT 31 1994

MARK GOODWIN

& ASSOCIATES
CONSULTING ENGINEERS

dmg

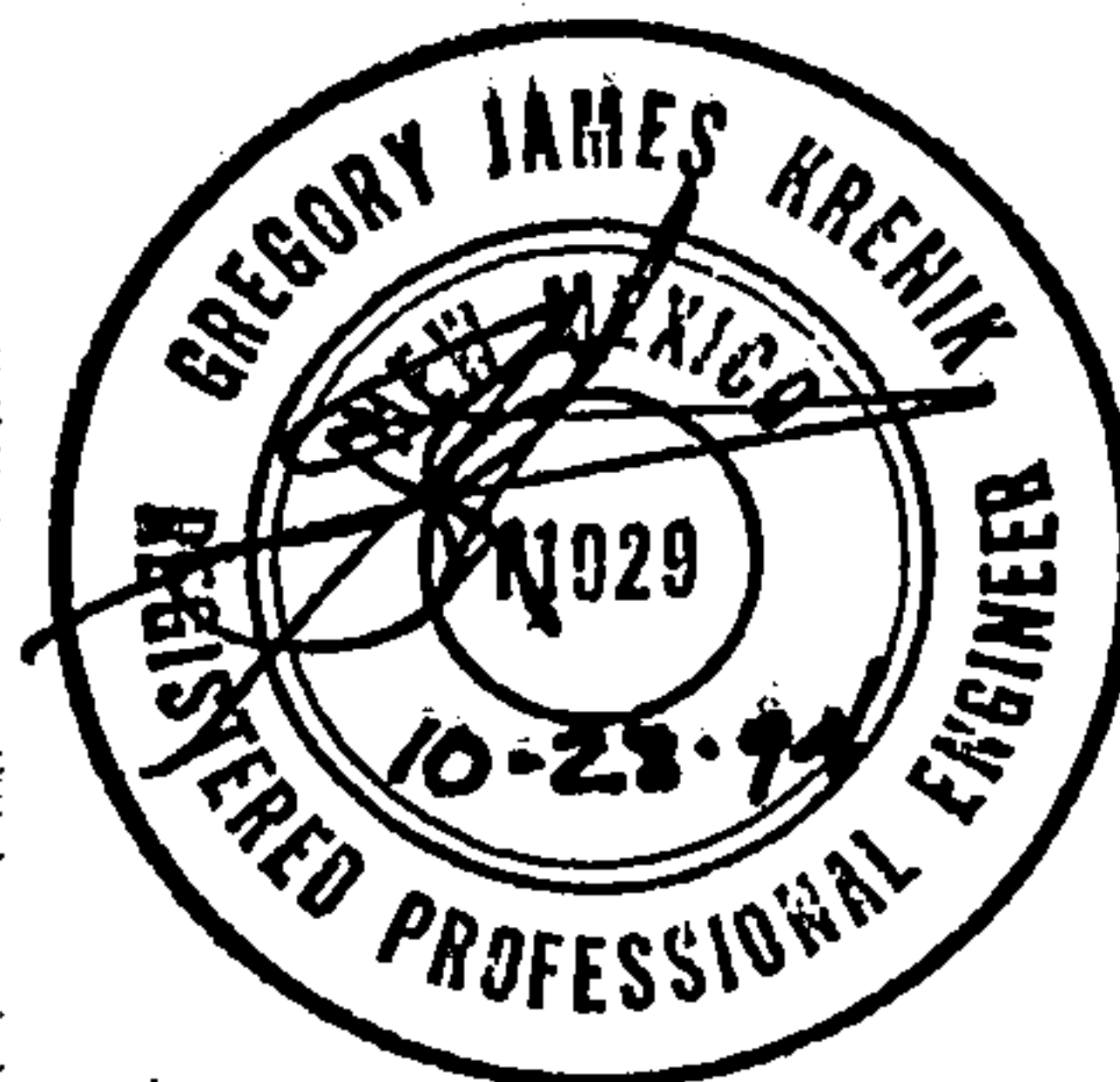
DRAINAGE CALCULATIONS
for
BURGER KING - RIO GRANDE BLVD

Prepared For

*Mr. Jim Lewis
SLNB Architects
1620 Central SE
Albuquerque, NM 87106*

October 1994

OCT 3 1994



dmg

D. Mark Goodwin & Associates, P.A.
Consulting Engineers and Surveyors

PROJECT BURGER KIRK

SUBJECT DRAINAGE CACS

BY GSK DATE 10-26-94

CHECKED _____ DATE _____

SHEET 1 OF _____

TOTAL AREA = 1,1275 AC

TYPE "0" = 81.04 %

TYPE "B" = 18.96 %

$P_1 = 1.90 \text{ in}$

$P_6 = 2.23 \text{ in}$

$P_{24} = 2.65 \text{ in}$

DT = 0.03333 HR

TP = 0, 1333 HR

FROM HYDRO OUTPUT SHEETS 2+3

$Q = 4.61 \text{ CFS}$

$V = 0.1678 \text{ AC-FT}$

• FIND OUTFLOW CHANNEL SPECS.

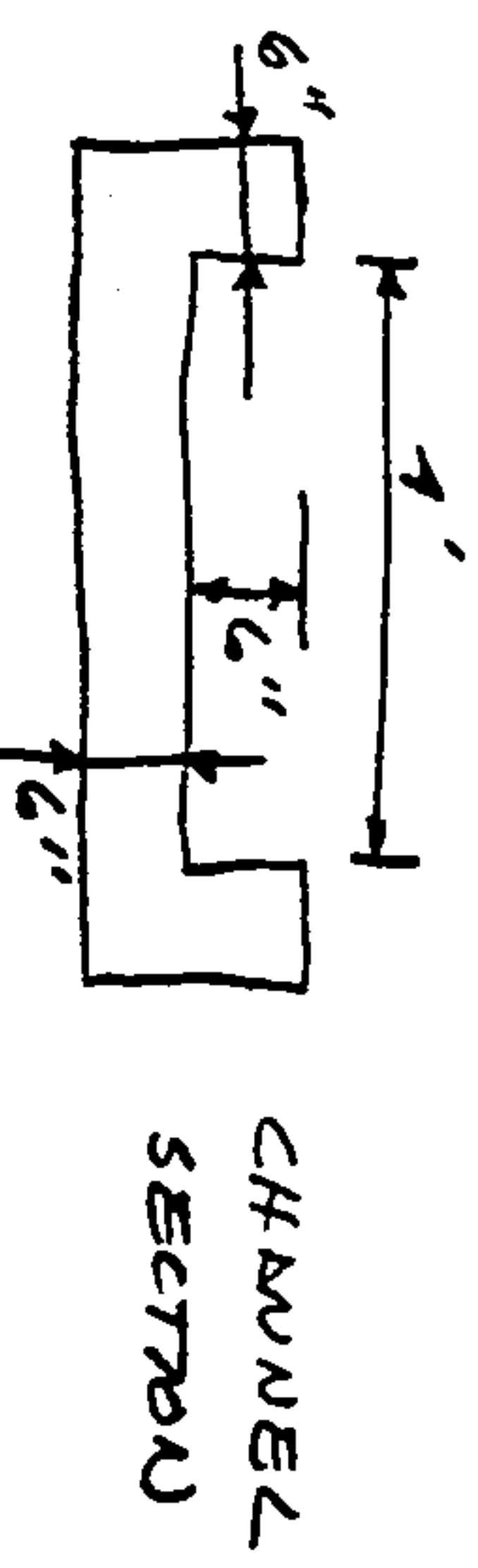
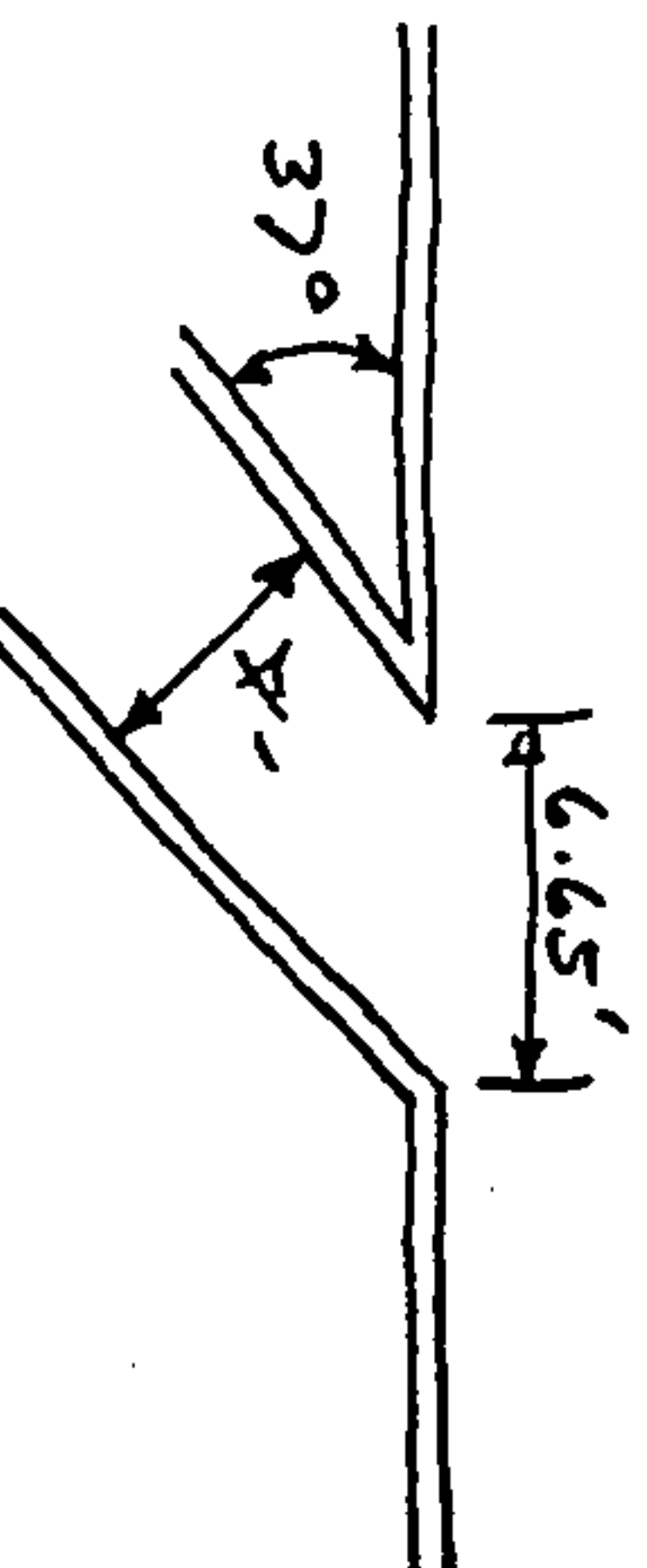
FIND WIDTH AT OPENING

$Q = 2.95 \text{ L H } 1.5$

$H = 0.5$

$$L = \frac{4.61}{2.95 (1.5)^{1.5}} = 4.42'$$

SINCE CHANNEL IS AT AN ANGLE OF 37°
THE ACTUAL OPENING IS $6.65'$ $\therefore$ OK



SCOPE OF CHANNEL IS 0.0075 - VERIFY 9' WIDTH IS OK

$d = 0.3$

$w_p = 4.6$

$A = 1.2$

$V = 4.0417 \text{ S/S}$

$Q = 4.85 \text{ CFS} \approx 4.61 \text{ CFS}$

OK

$$d + V^{2/3} = 0.55 < .5 + 1.2 \quad \text{OK}$$

TART TIME=0.0
*** HYDROGRAPH FOR BURGER KING - I-40 & RIO
RAINFALL TYPE=1 RAIN QUARTER=0.0 IN

COMPUTE NM HYD RAIN ONE=1.90 IN RAIN SIX=2.23 IN
RAIN DAY=2.65 IN DT=0.03333 HR
ID=1 HYD NO=101.1 AREA=0.001800 SQ MI
PER A=00.00 E=18.964 C=0000000 D=81.040
TP=0.1333 HR MASS RAINFALL=-1
ID=1 CODE=1

PRINT HYD
FINISH

AHYMO PROGRAM (AHYMO194) - AMFCA Hydrologic Model - January, 1994
RUN DATE (MON/DAY/YR) = 10/10/1994
START TIME (HR:MIN:SEC) = 08:48:20 USER NO. = M_GOODWIN.101
INPUT FILE = BK.DAT

START TIME=0.0

*** HYDROGRAPH FOR BURGER KING - I-40 & RIO

RAINFALL TYPE=1 RAIN QUARTER=0.0 IN

RAIN ONE=1.90 IN RAIN SIX=2.23 IN
RAIN DAY=2.65 IN DT=0.03333 HR

PEAK AT 1.40 HR.

COMPUTED 6-HOUR RAINFALL DISTRIBUTION BASED ON NOAA ATLAS 2

DT =	.033330 HOURS	END TIME =	5.999400 HOURS
.0000	.0016	.0032	.0049
.0120	.0138	.0158	.0177
.0262	.0284	.0308	.0332
.0436	.0465	.0495	.0526
.0665	.0705	.0747	.0799
.1332	.1776	.2413	.3283
.9914	1.1970	1.2829	1.3554
1.5827	1.6295	1.6735	1.7148
1.8585	1.8898	1.9195	1.9478
1.9921	1.9974	2.0024	2.0072
2.0246	2.0286	2.0325	2.0362
2.0502	2.0535	2.0567	2.0598
2.0716	2.0744	2.0772	2.0799
2.0902	2.0926	2.0950	2.0974
2.1066	2.1088	2.1110	2.1131
2.1214	2.1235	2.1254	2.1274
2.1350	2.1369	2.1387	2.1405
2.1475	2.1492	2.1509	2.1526
2.1592	2.1608	2.1623	2.1639
2.1701	2.1716	2.1730	2.1745
2.1803	2.1817	2.1831	2.1845
2.1900	2.1914	2.1927	2.1940
2.1992	2.2005	2.2018	2.2030
2.2080	2.2092	2.2104	2.2116
2.2164	2.2176	2.2187	2.2199
2.2244	2.2256	2.2267	2.2278

PER A=00.00 B=13.964 C=00000000 D=31.040

3

TP=0.1333 HR MASS RAINFALL=-1

*****WARNING***** SUM OF TREATMENT TYPES DOES NOT EQUAL 100 PERCENT OR
TOTAL AREA

K = .072649HR TP = .133300HR K/TP RATIO = .545000 SHAPE
CONSTANT, N = 7.106420
UNIT PEAK = 5.7589 CFS UNIT VOLUME = .9973 B = 526.28
P60 = 1.9000
AREA = .001459 SQ MI IA = .10000 INCHES INF = .04000 I
INCHES PER HOUR
RUNOFF COMPUTED BY INITIAL ABSTRACTION/INFILTRATION NUMBER METHOD - DT
.033330

K = .130761HR TP = .133300HR K/TP RATIO = .980950 SHAPE
CONSTANT, N = 3.599930
UNIT PEAK = .83875 CFS UNIT VOLUME = .9837 B = 327.55
P60 = 1.9000
AREA = .000341 SQ MI IA = .50000 INCHES INF = 1.25000 I
INCHES PER HOUR
RUNOFF COMPUTED BY INITIAL ABSTRACTION/INFILTRATION NUMBER METHOD - DT
.033330

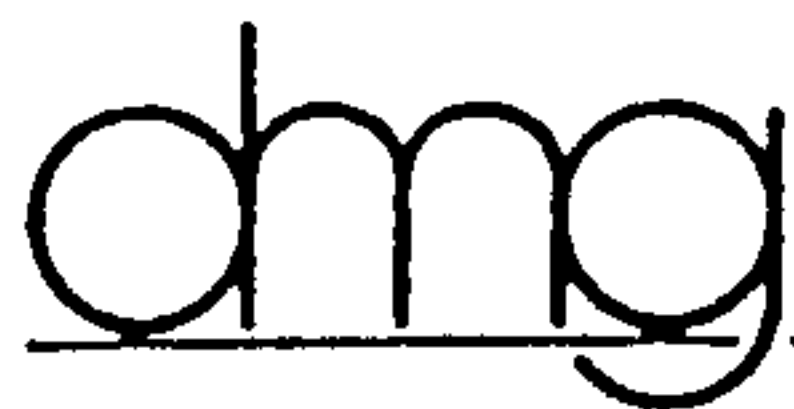
PRINT HYD ID=1 CODE=1

PARTIAL HYDROGRAPH 101.10

RUNOFF VOLUME = 1.74797 INCHES = .1678 ACRE-FEET
PEAK DISCHARGE RATE = 4.61 CFS AT 1.500 HOURS BASIN AREA =
.0018 SQ. MI.

FINISH

NORMAL PROGRAM FINISH END TIME (HR:MIN:SEC) = 08:48:30



D. Mark Goodwin & Associates, P.A.
Consulting Engineers and Surveyors

PROJECT BURGER KING
SUBJECT DRAINAGE CALCS
BY GSK DATE 10-26-94
CHECKED _____ DATE _____
SHEET 4 OF _____

- FIND INLET SPECS

SINGLE "0"

$$Q/p = 3.0 H^{3/2}$$

p = perimeter = 11 FT

$$Q = 4.61 \text{ CFS}$$

$$H = 0.06' \text{ ABOVE INLET} \lll 0.5 \text{ OK}$$

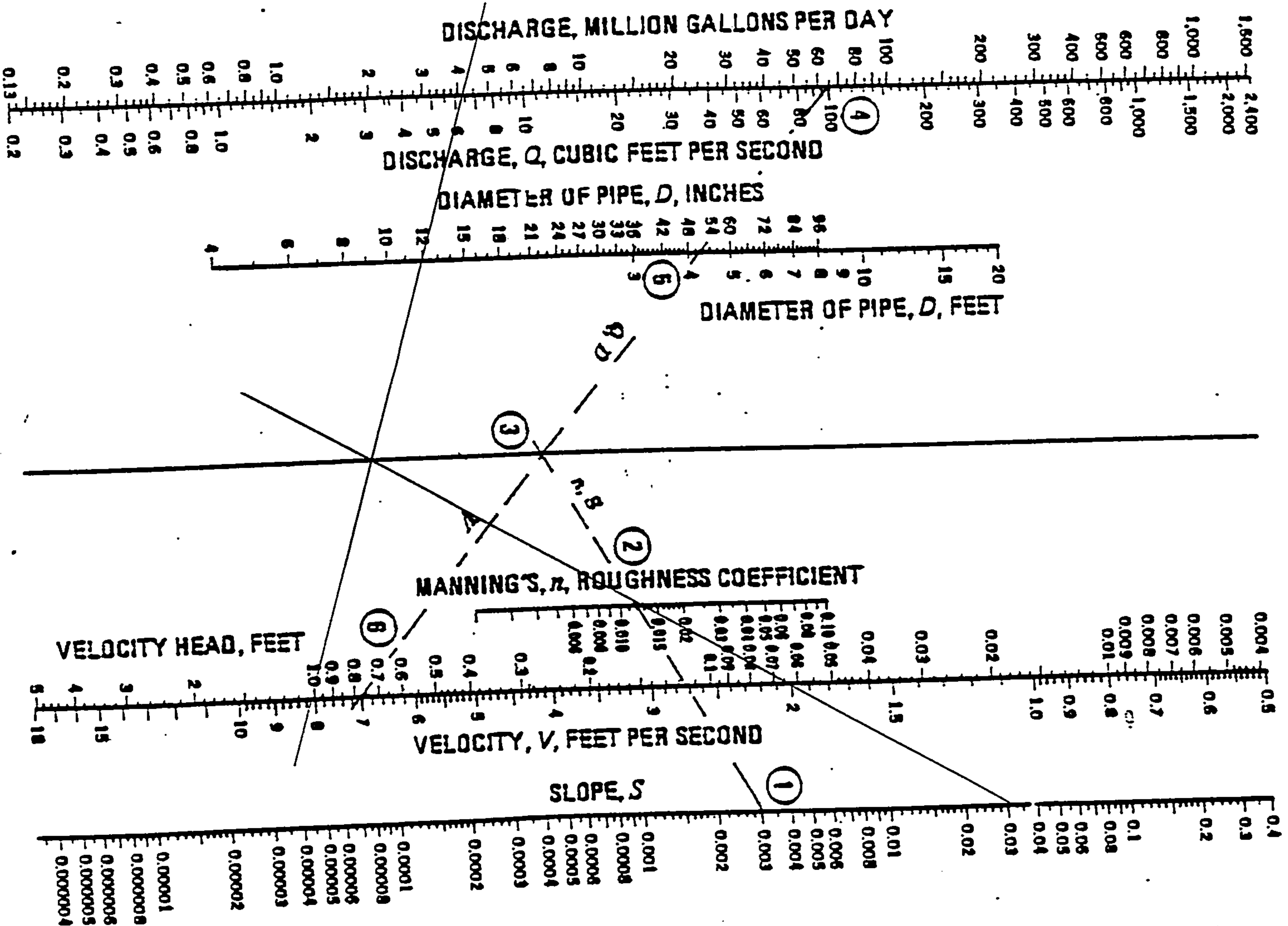
- FIND PIPE SPECS

$$\text{SLOPE} = .33/10 = 0.033$$

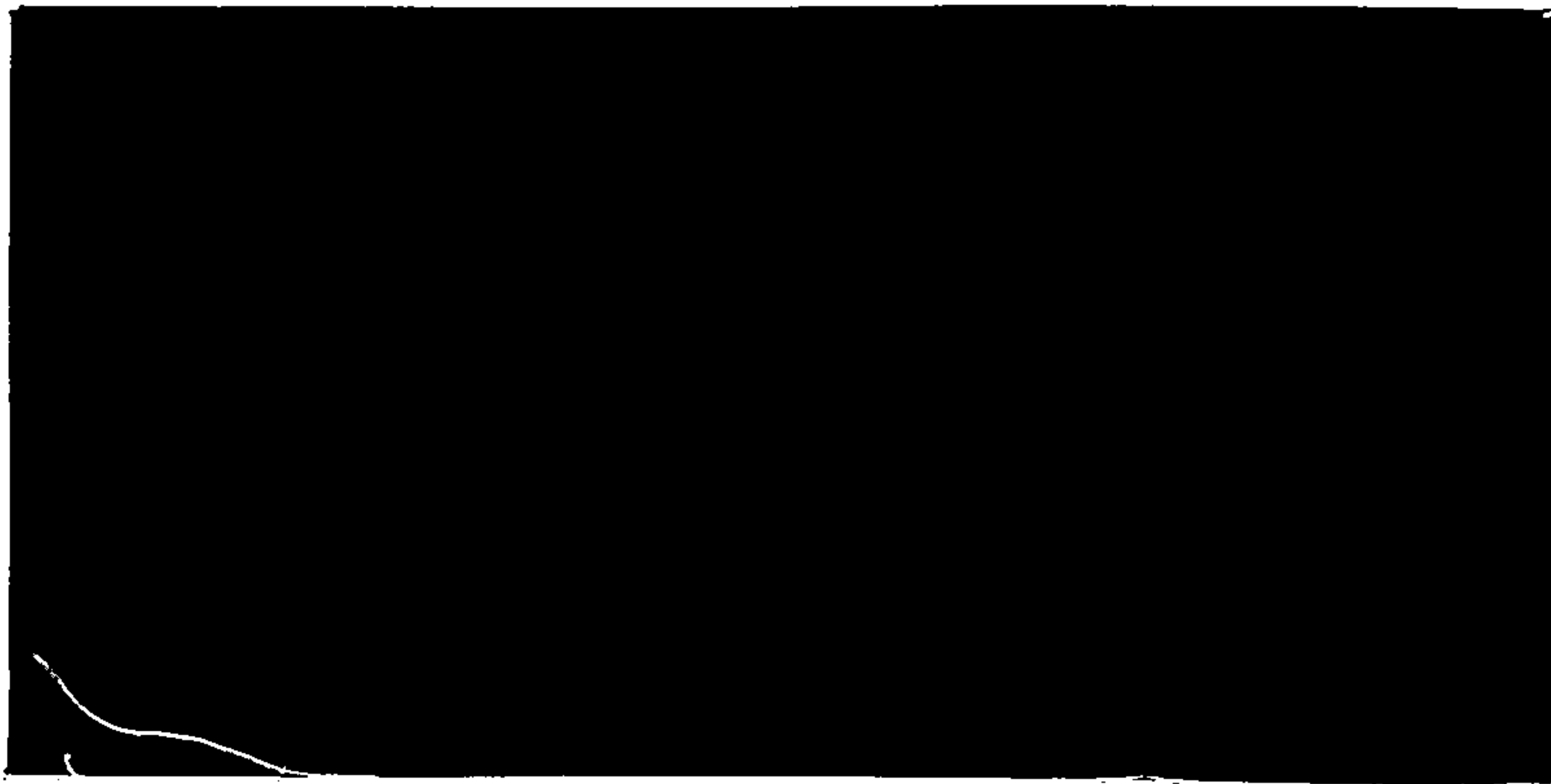
FROM NOMO SHEET 5

$$12" \text{ RCP CARRIES } 6.4 \text{ CFS} > 4.61 \text{ CFS OK}$$

Reference: American Concrete Pipe Association (1980).



B) Circular Pipe Solution



MARK GOODWIN

& ASSOCIATES
CONSULTING ENGINEERS

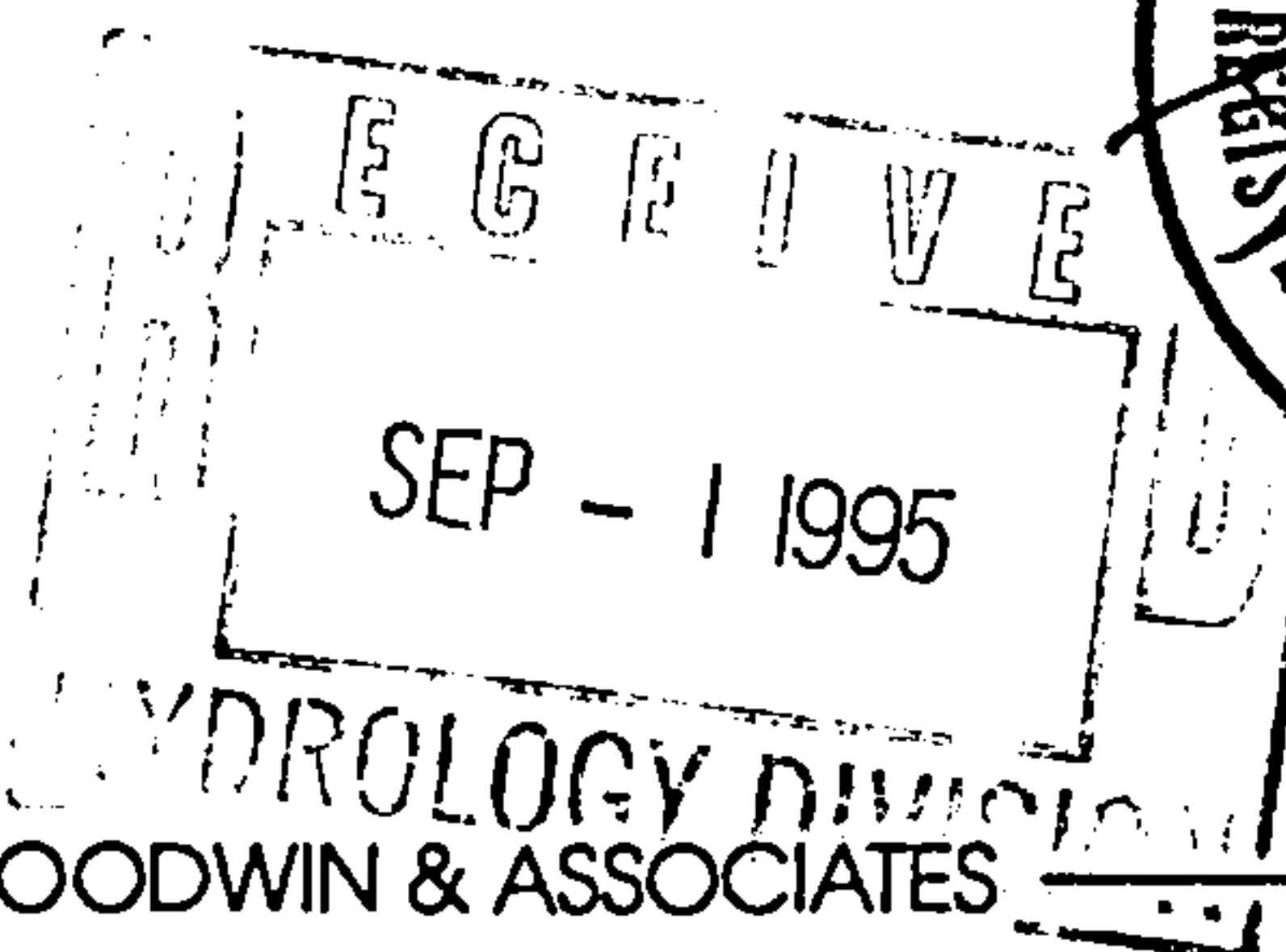
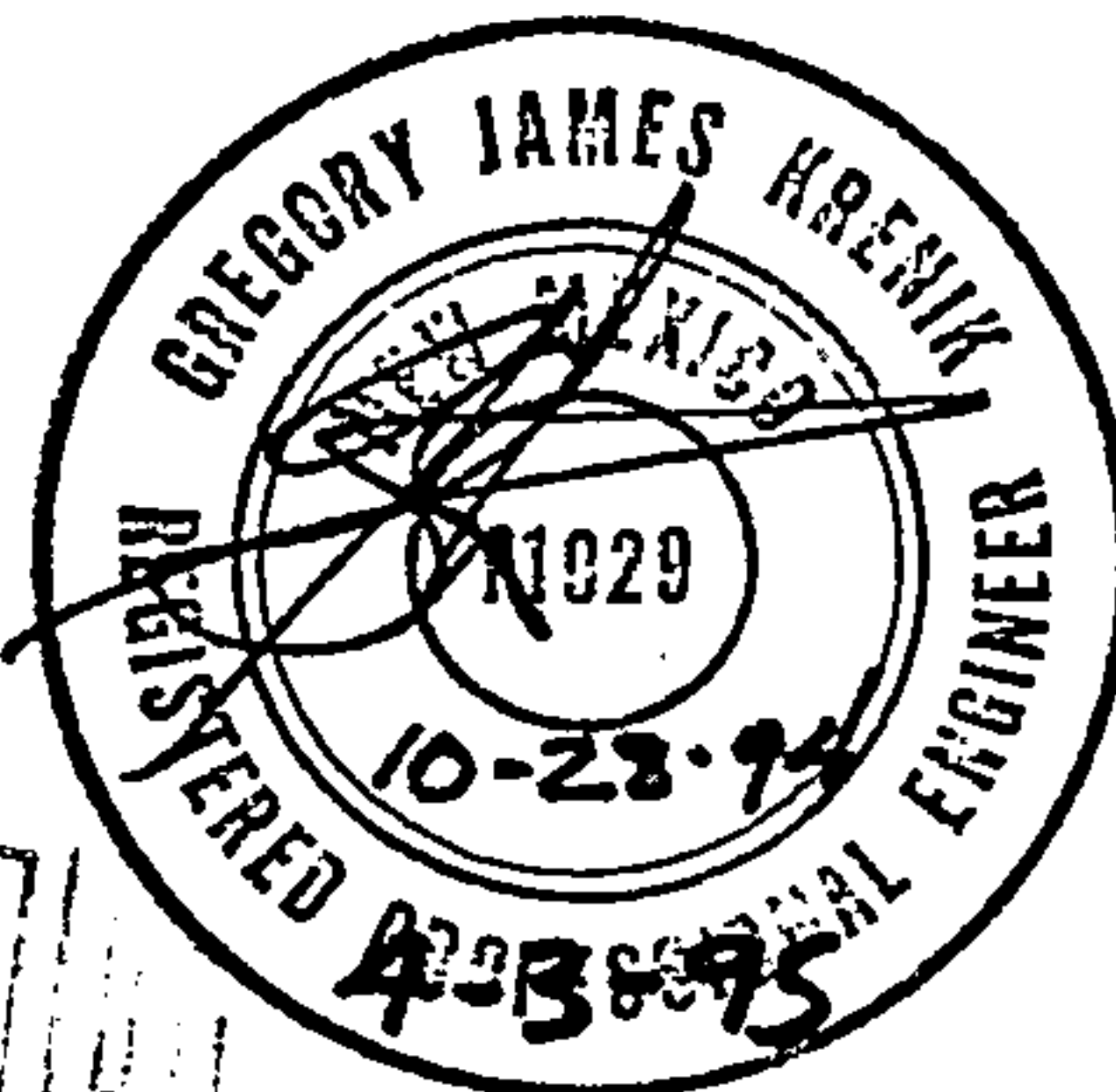
dmg

DRAINAGE CALCULATIONS
for
BURGER KING - RIO GRANDE BLVD

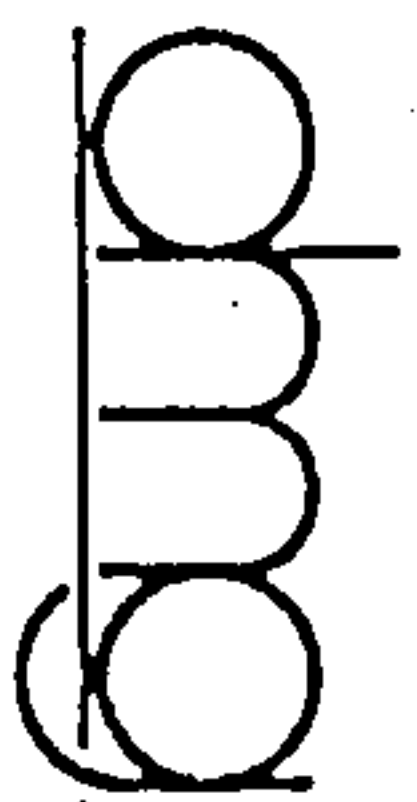
Prepared For

*Mr. Jim Lewis
SLNB Architects
1620 Central SE
Albuquerque, NM 87106*

October 1994



D. MARK GOODWIN & ASSOCIATES



D. Mark Goodwin & Associates, P.A.
Consulting Engineers and Surveyors

PROJECT BURGER KIRK
SUBJECT DRAINAGE CACS
BY GSK DATE 10-26-94
CHECKED _____ DATE _____
Revised 4-3-95 SHEET 1 OF _____

TOTAL AREA = 1,1275 AC

TYPE "D" = 81.04%

TYPE "B" = 18.96%

$P_1 = 1.90 \text{ in}$

$P_6 = 2.23 \text{ in}$

$P_{24} = 2.65 \text{ in}$

DT = 0.03333 HR

TP = 0.1333 HR

FROM HYMD OUTPUT SHEETS 2+3

$Q = 4.61 \text{ CFS}$

$V = 0.1678 \text{ AC-FT}$

• FIND OUTFLOW CHANNEL SPECS.

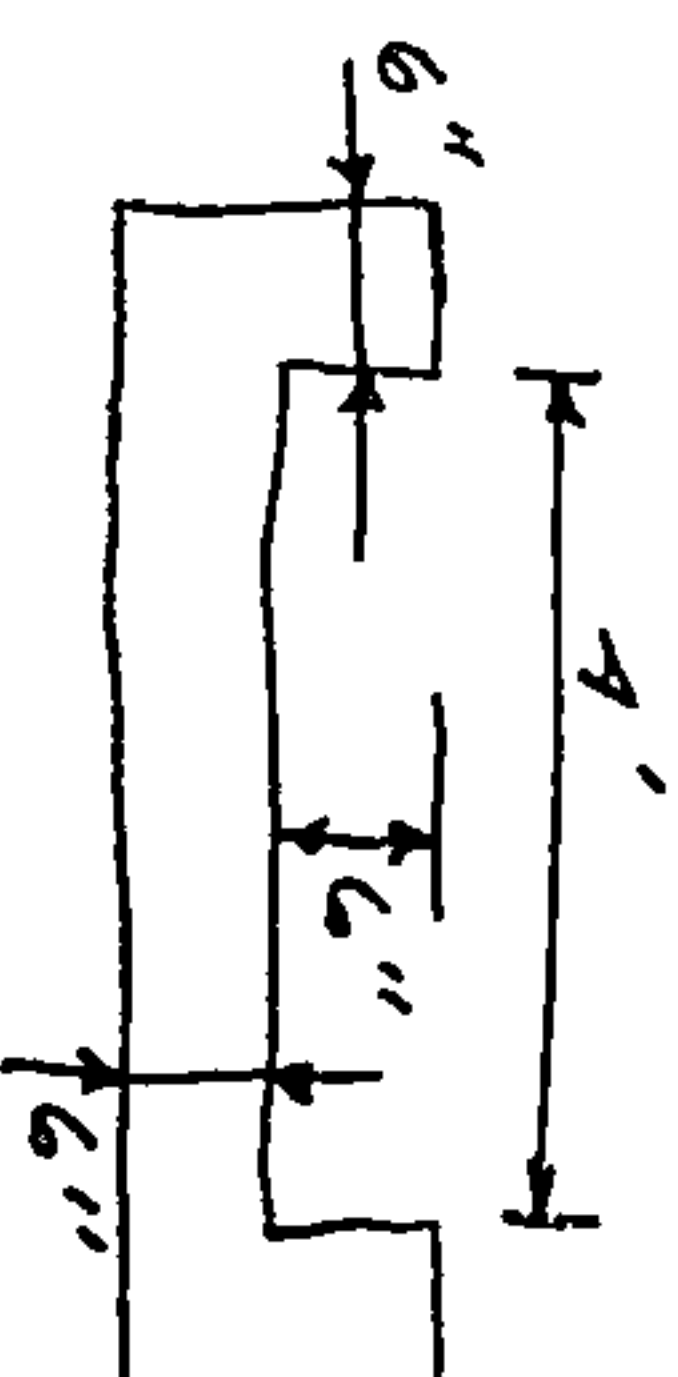
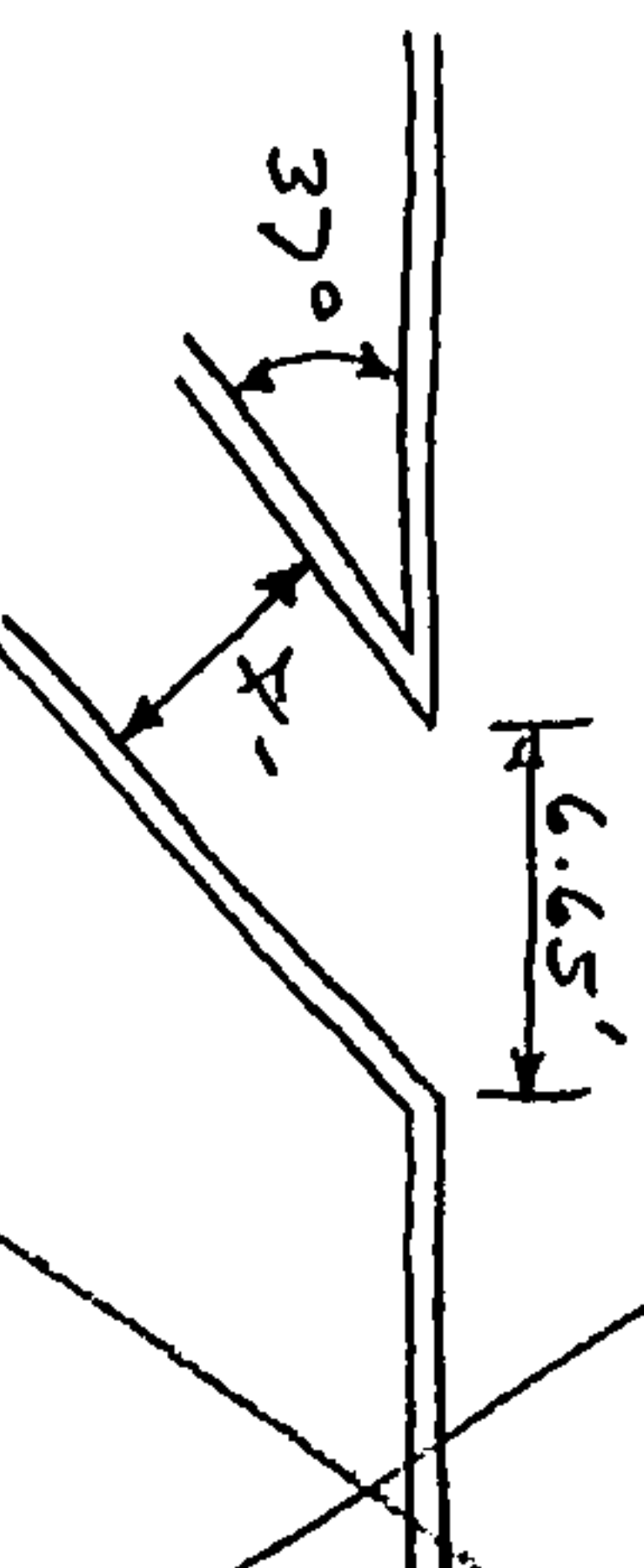
FIND WIDTH AT OPENING

$Q = 2.45 \text{ L H } 1.5$

$H = 0.5$

$$L = \frac{4.61}{2.95 (1.5)^{1.5}} = 4.42'$$

SINCE CHANNEL IS AT AN ANGLE OF 37°
THE ACTUAL OPENING IS $6.65'$ $\therefore$ OK



CHANNEL
SECTION

SCOPE OF CHANNEL IS 0.0075 - VERIFY 4' WIDTH IS OK

$d = 0.3$

$W_P = 4.6$

$A = 1.2$

$V = 4.0417 \text{ ft/s}$

$Q = 4.85 \text{ CFS} \approx 4.61 \text{ CFS}$ OK

$$d + V^2/2g = 0.55 < 1.5 + 1.2$$
 OK

START
TIME=0.0
*** HYDROGRAPH FOR BURSER KING - I-40 & RIO
MAINFALL
TYPE=1 RAIN QUARTER=0.0 IN

COMPUTE NM HYD
RAIN ONE=1.90 IN RAIN SIX=2.23 IN
RAIN DAY=2.65 IN DT=0.03333 HR
ID=1 HYD NO=101.1 AREA=0.001800 SQ MI
PER A=00.00 B=18.964 C=0000000 D=81.040
TP=0.1333 HR MASS RAINFALL=-1
ID=1 CODE=1

PRINT HYD
FINISH

AHYMD PROGRAM (AHYMD194) - AMFCA Hydrologic Model - January, 1994
RUN DATE (M/N/DAY/YR) = 10/10/1994
START TIME (H:MIN:SEC) = 08:45:20
INPUT FILE = BK.DAT
USER NO. = M_GCDOWN.101

START
TIME=0.0
*** HYDROGRAPH FOR BURSER KING - I-40 & RIO
RAINFALL
TYPE=1 RAIN QUARTER=0.0 IN

RAIN ONE=1.90 IN RAIN SIX=2.23 IN
RAIN DAY=2.65 IN DT=0.03333 HR

COMPUTED 6-HOUR RAINFALL DISTRIBUTION BASED ON NOAA ATLAS 2
PEAK AT 1.40 HR.

DT =	.033330 HOURS	END TIME =	5.999400 HOURS
.0000	.0015	.0032	.0049
.0120	.0135	.0152	.0177
.0240	.0254	.0308	.0332
.0436	.0465	.0495	.0526
.0645	.0705	.0747	.0799
.1331	.1776	.2413	.3283
.5714	1.1570	1.2529	1.3554
1.5327	1.4293	1.6735	1.7145
1.8523	1.8892	1.9195	1.9478
1.9921	1.9974	2.0024	2.0072
2.0246	2.0284	2.0325	2.0362
2.0502	2.0535	2.0567	2.0598
2.0716	2.0744	2.0772	2.0799
2.0902	2.0926	2.0950	2.0974
2.1066	2.1088	2.1110	2.1131
2.1214	2.1235	2.1254	2.1274
2.1350	2.1365	2.1387	2.1405
2.1473	2.1492	2.1509	2.1526
2.1572	2.1608	2.1633	2.1659
2.1701	2.1716	2.1730	2.1745
2.1805	2.1817	2.1831	2.1845
2.1900	2.1914	2.1927	2.1940
2.1993	2.2005	2.2015	2.2030
2.2080	2.2092	2.2104	2.2116
2.2166	2.2176	2.2187	2.2199
2.2244	2.2256	2.2267	2.2278
			2.2299
			2.2300

COMPLETE NM HYD

ID=1 HYD ND=101.1 AREA=0.001900 SQ MI

PER A=00.00 B=19.964 C=00000000 D=81.040

TP=0.1333 HR MASS RAINFALL=-1

3

WARNING SUM OF TREATMENT TYPES DOES NOT EQUAL 100 PERCENT OR
TOTAL AREA

K = .072649HR TP = .133300HR K/TP RATIO = .545000 SHAPE

CONSTANT, N = 7.106420

UNIT PEAK = 5.7589 CFS UNIT VOLUME = .9973 B = 526.28

P60 = 1.9000

AREA = .001459 SQ MI IA = .10000 INCHES INF = .04000 I

INCHES PER HOUR

RUNOFF, COMPUTED BY INITIAL ABSTRACTION/INFILTRATION NUMBER METHOD - DT

= .033330

K = .130741HR TP = .133300HR K/TP RATIO = .980950 SHAPE

CONSTANT, N = 3.599950

UNIT PEAK = .83875 CFS UNIT VOLUME = .9837 B = 327.85

P60 = 1.9000

AREA = .000341 SQ MI IA = .50000 INCHES INF = 1.25000 I

INCHES PER HOUR

RUNOFF, COMPUTED BY INITIAL ABSTRACTION/INFILTRATION NUMBER METHOD - DT

= .033330

PRINT HYD ID=1 CODE=1

PARTIAL HYDROGRAPH 101.10

RUNOFF VOLUME = .74777 INCHES = .1676 ACRES-FEET

PEAK DISCHARGE RATE = 4.61 CFS AT 1.500 HOURS BASIN AREA =

.0019 SQ. MI.

FINISH

NORMAL PROGRAM FINISH END TIME (HR:MIN:SEC) = 08:48:30



D. Mark Goodwin & Associates, P.A.
Consulting Engineers and Surveyors

PROJECT BURGER KING
SUBJECT DRAINAGE CALCS
BY GSK DATE 10-26-94
CHECKED _____ DATE _____

SHEET 4 OF _____
Revised 4-3-95

• FIND INLET SPECS

SINGLE "0"

$$Q/p = 3.0 H^{3/2}$$

$$p = \text{perimeter} = 11 \text{ FT}$$

$$Q = 4.61 \text{ CFS}$$

$$H = 0.06' \text{ ABOVE INLET} \lll 0.5 \text{ OK}$$

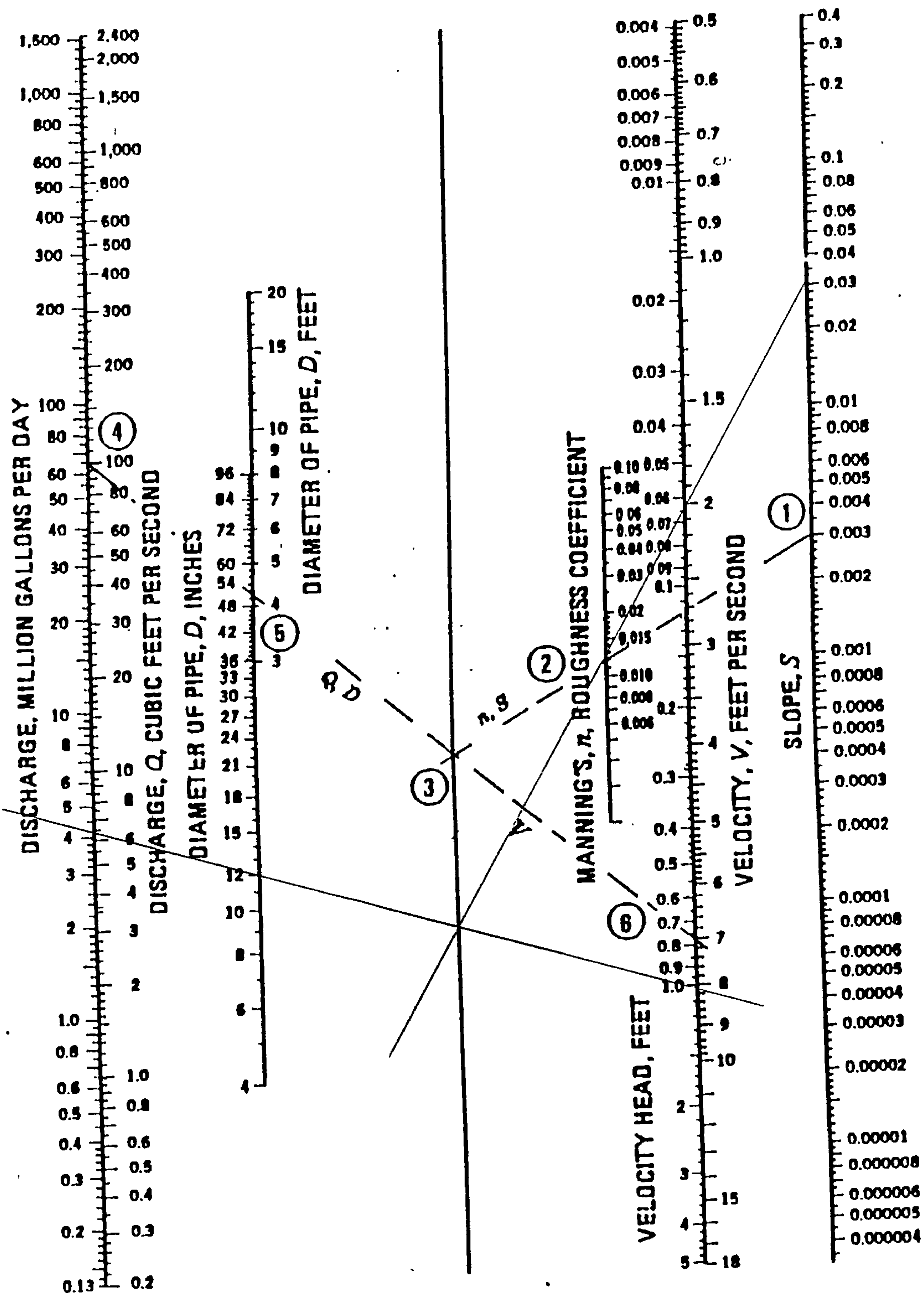
• FIND PIPE SPECS

$$\text{SLOPE} = .33/10 = 0.033$$

FROM NOMO SHEET 5

$$12" \text{ RCP CARRIES } 6.4 \text{ CFS} > 4.61 \text{ CFS OK}$$

Reference: American Concrete Pipe Association (1980).



B) Circular Pipe Solution



D. Mark Goodwin & Associates, P.A.
Consulting Engineers and Surveyors

PROJECT BURGER KING
SUBJECT DRAINAGE CALCS
BY GJK DATE 4-3-95
CHECKED _____ DATE _____
SHEET 6 OF _____

• OUTFLOW DESIGN

$$Q = 4.61 \text{ CFS}$$

• DISTANCE FROM CURB OPENING TO EXISTING STORM INLET
133 LF

• DISTANCE FROM CURB OPENING TO TOP OF BOX CULVERT
75 LF

• INV AT CURB OPENING
58.31

• TOP OF CULVERT
57.03

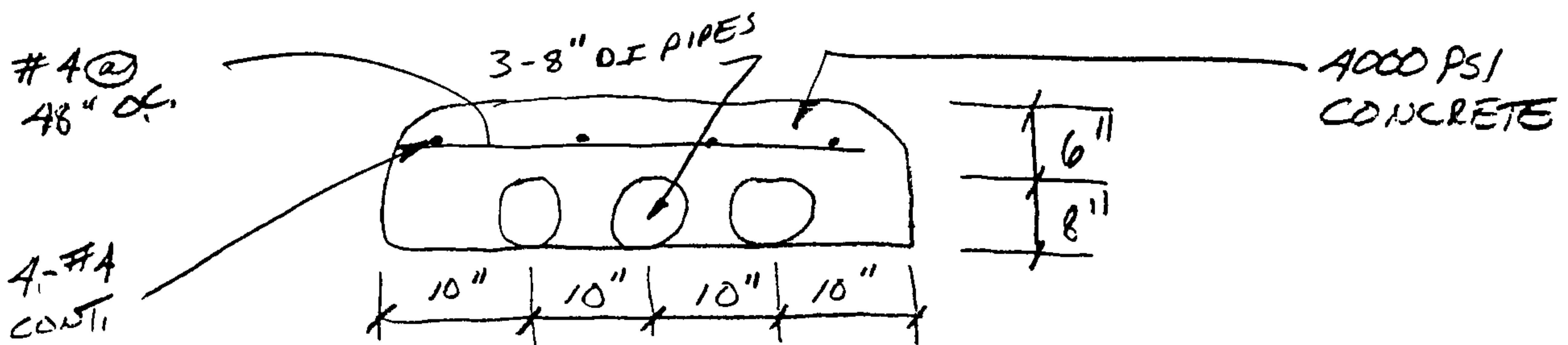
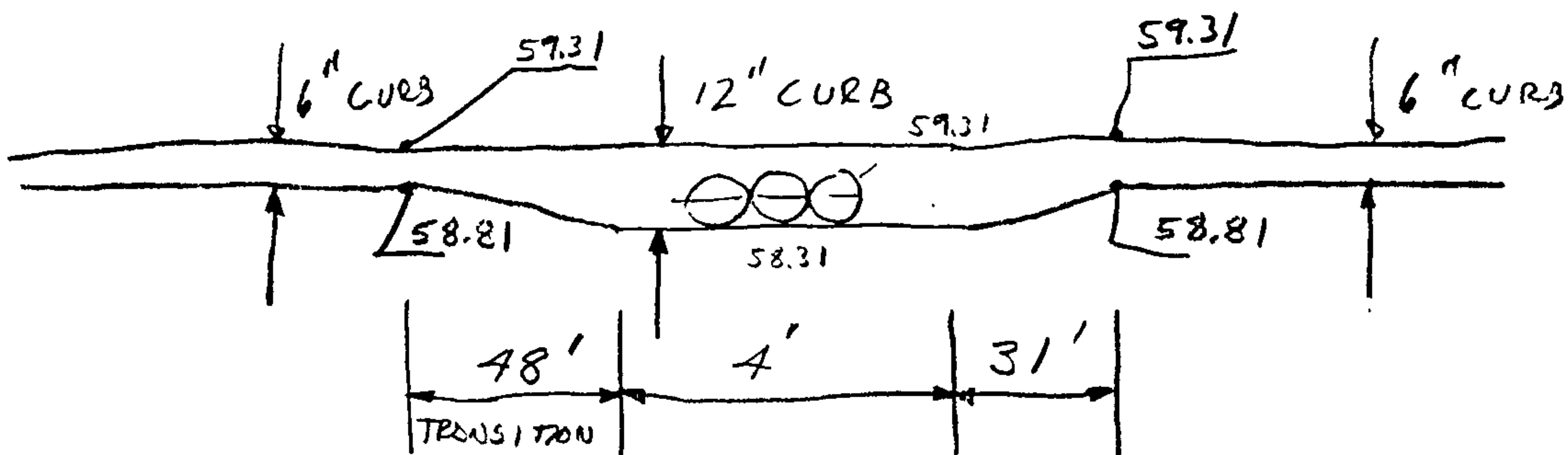
• SLOPE FROM CURB OPENING TO TOP OF BOX CULVERT
$$\frac{58.31 - 57.03}{75} = 0.017$$

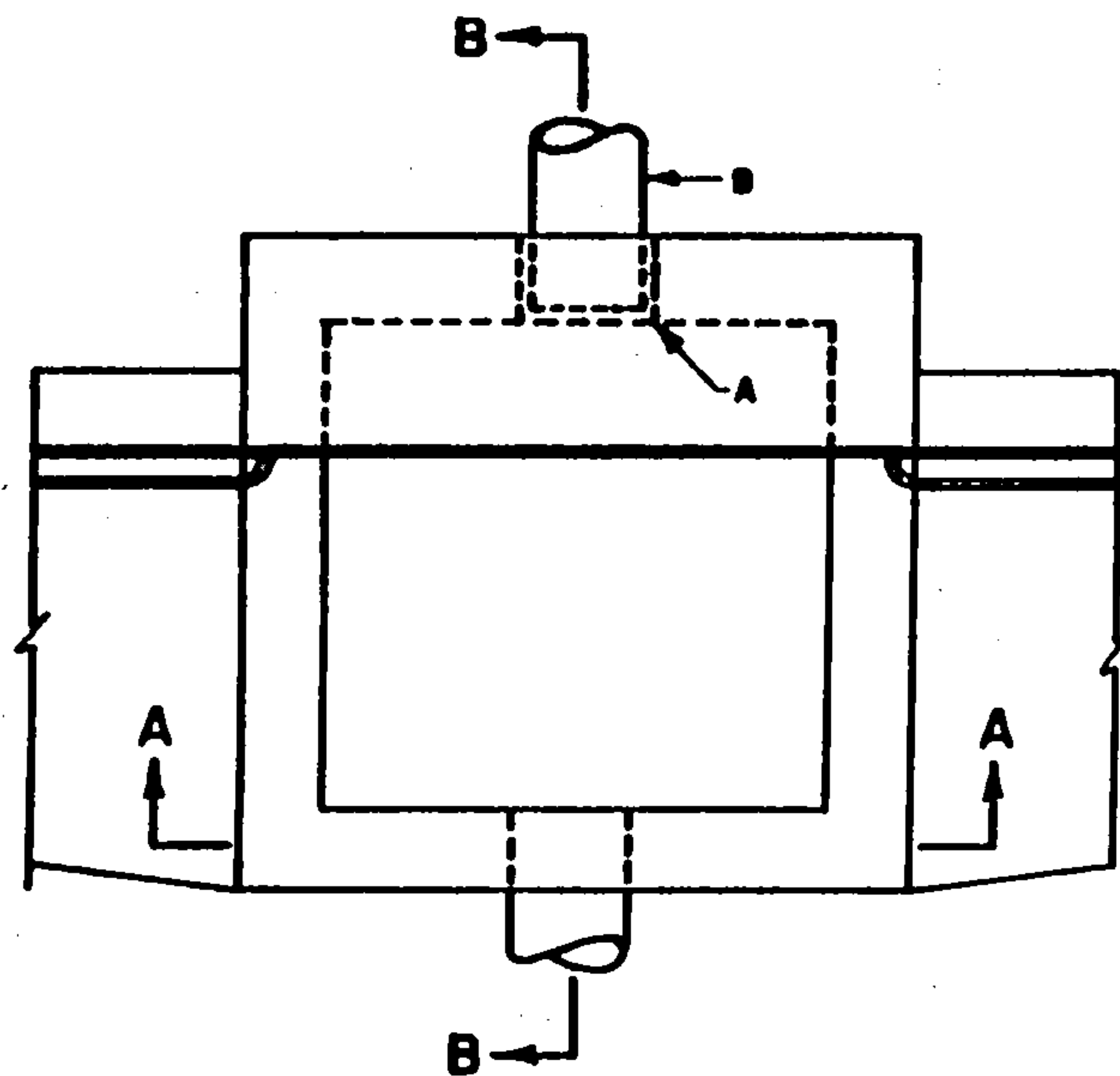
• 8" DI AT 1.7% CARRIES 1.6 CFS

3 PIPES CARRY 4.8 CFS > 4.61 CFS OK

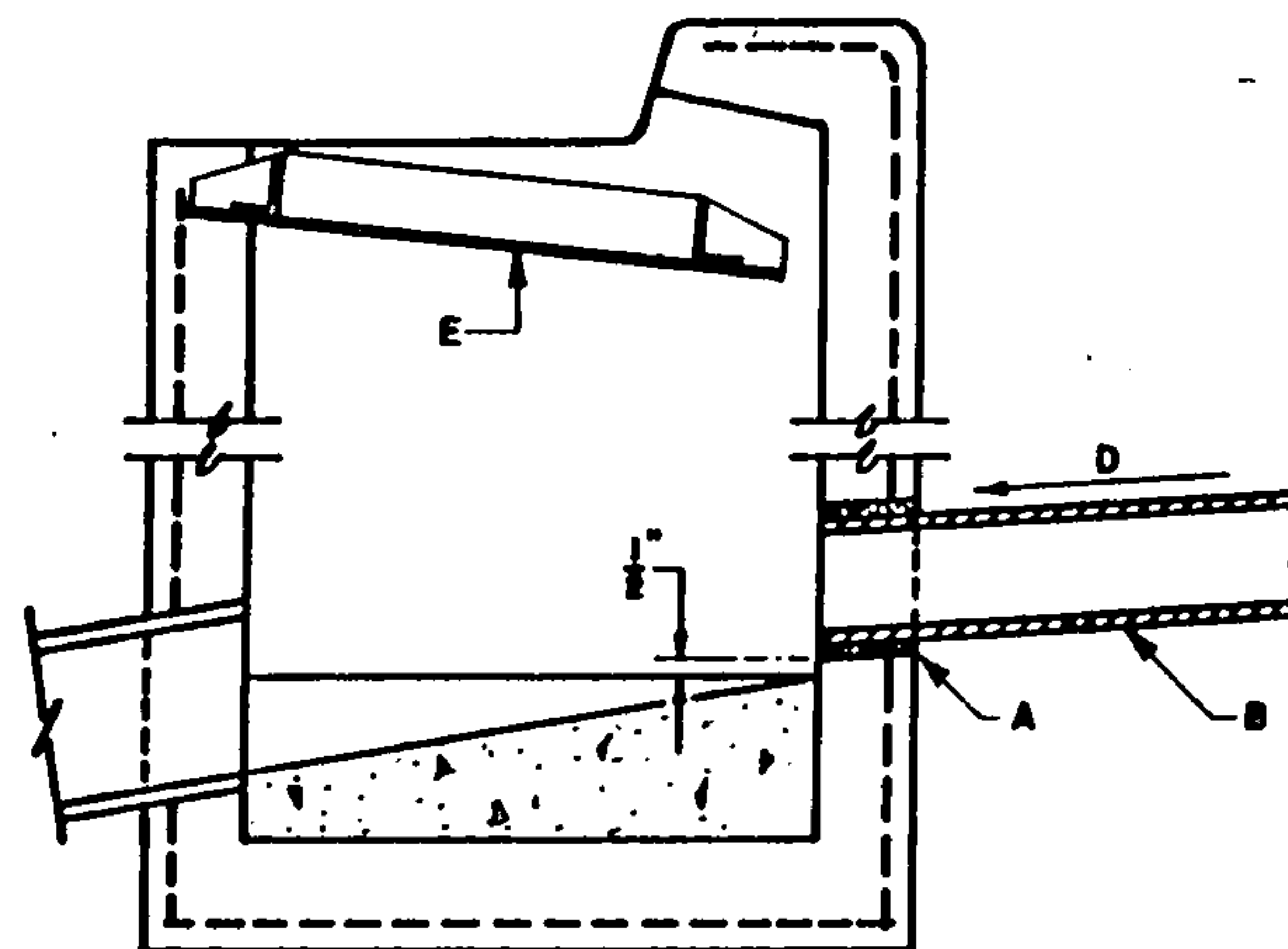
• INV. AT STORM INLET = 56.05

Half of pipe
is undersand

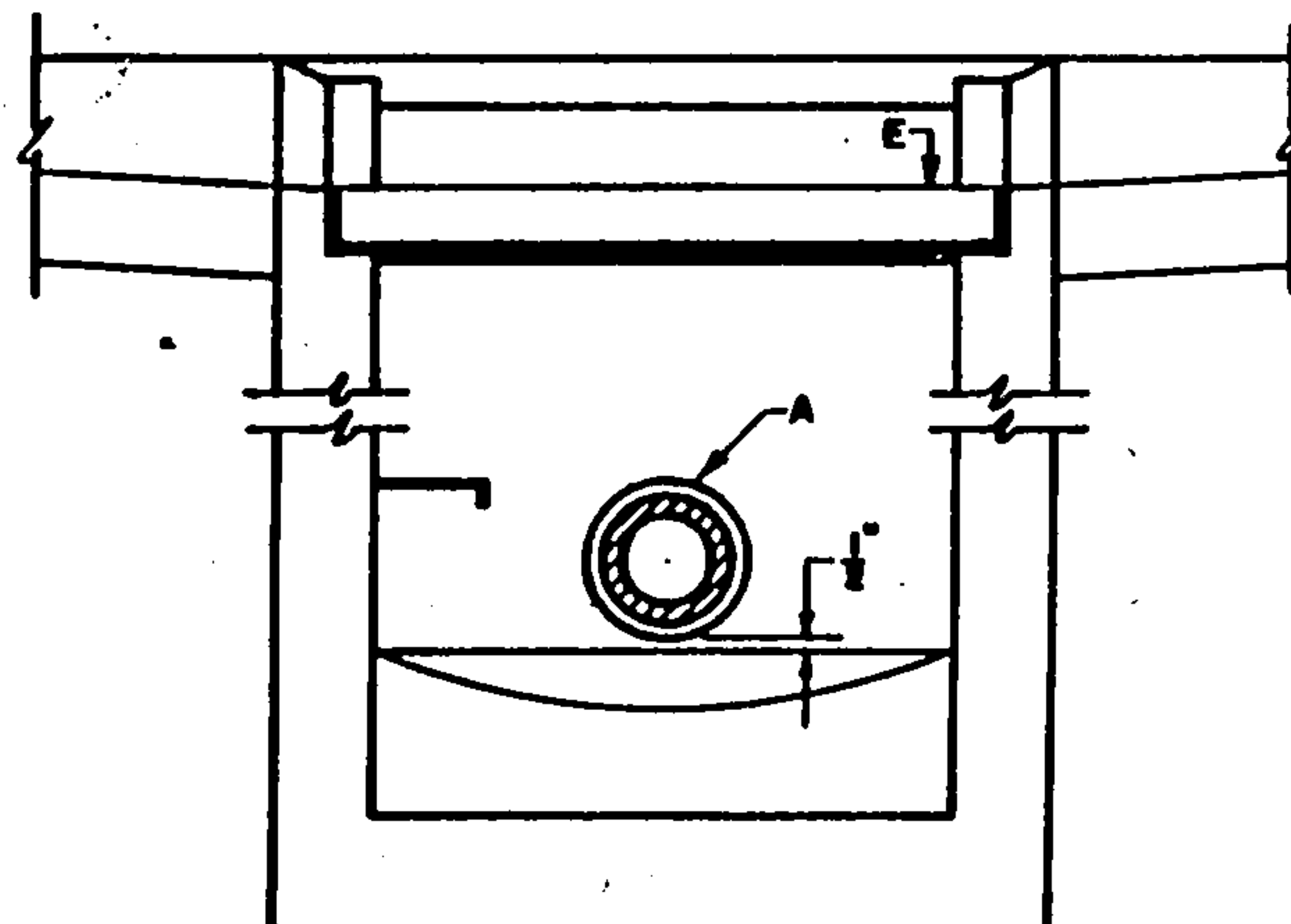




PLAN



SECTION B-B



SECTION A-A

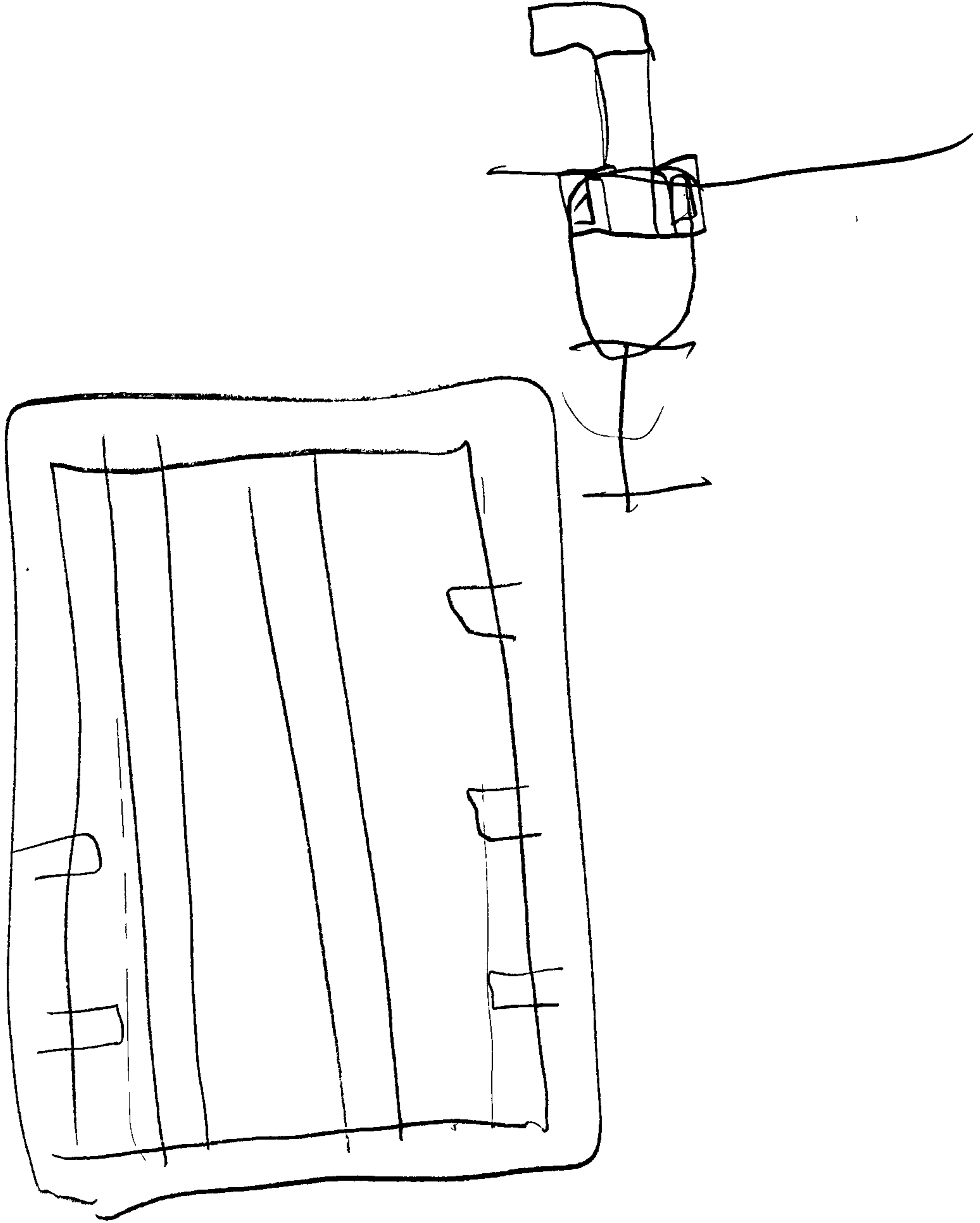
GENERAL NOTES:

1. THE CITY DOES NOT ACCEPT RESPONSIBILITY FOR MAINTENANCE FOR ANY DRAIN LINES INSTALLED BY OR FOR PRIVATE PROPERTY OWNERS.
2. FOR DOUBLE "C" OR "D" STORM INLETS THE PRIVATE DRAIN LINE CONNECTION MUST BE ALIGNED WITH THE LONGITUDINAL CENTER OF EITHER GRATE FRAME.

CONSTRUCTION NOTES:

- A. CORE DRILL INTO BACK OF EXIST. CATCH BASIN WITH INVERT OF DRILLED OPENING 2" ABOVE EXIST. CONC. FILL, GROUT WITH NONSHRINK, NONMETALLIC GROUT.
- B. NEW DRAIN LINE TO BE SCH. 40 P.V.C., REIN. CONC. OR DUCTILE IRON PIPE. DRAIN SIZE TO BE AT LEAST ONE SIZE SMALLER THAN OUTLET PIPE WITH A MAX. SIZE OF 12".
- C. EXIST. CONC. FILL.
- D. SLOPE .02 FT. PER FT. MIN. WITHIN R.O.W.
- E. FRAME & GRATE.

CITY OF ALBUQUERQUE	
DRAINAGE DRAIN LINE CONNECTION TO EXIST. STORM INLET DWG. 2237	
REVISIONS	AUG. 1986.



H-13-D29

LETTER OF TRANSMITTAL



D. Mark Goodwin & Associates, P.A.
Consulting Engineers & Surveyors

P.O. BOX 90606, ALBUQUERQUE, NM 87199
(505) 345-2010

TO

BERNIE MONTANA
3rd Floor Hydrology

DATE	1-18-96	JOB NO.	
ATTENTION			
RE: Burger King I 40 & Rio Grande			

WE ARE SENDING YOU ☒ Attached ☐ Under separate cover via _____ the following items:

☐ Shop drawings☐ Prints☐ Plans☐ Samples☐ Specifications☒ Copy of letter☐ Change order☐ _____

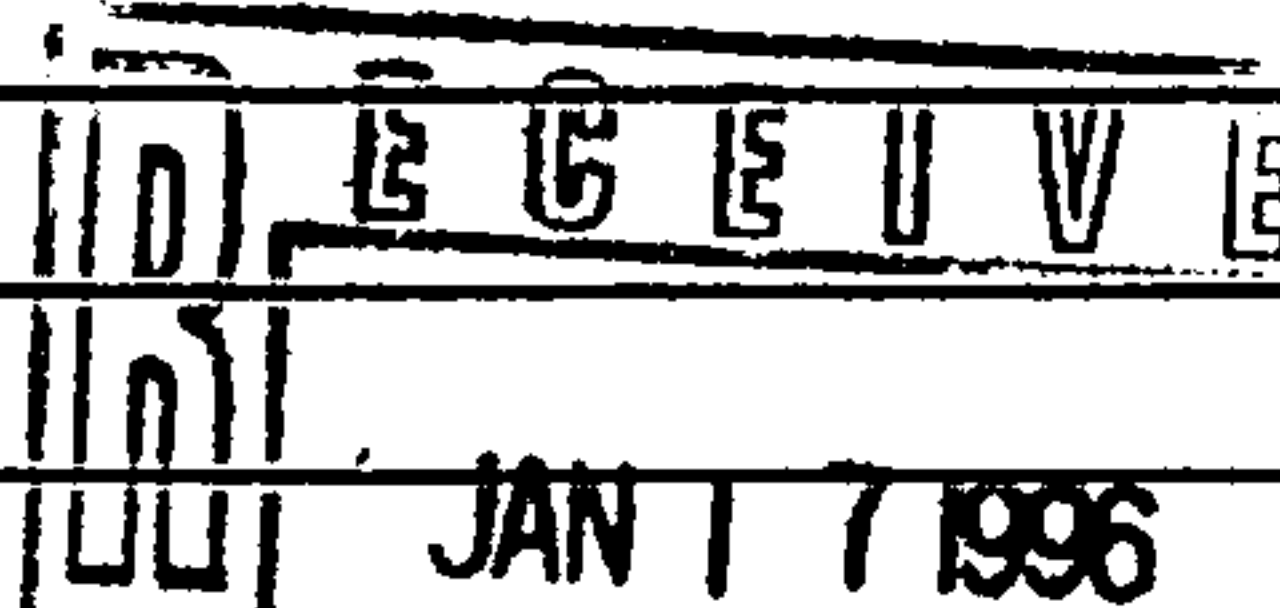
COPIES	DATE	NO.	DESCRIPTION
1			MRGCD Letter
1			License

THESE ARE TRANSMITTED as checked below:

☐ For approval☐ Approved as submitted☐ Resubmit _____ copies for approval☒ For your use☐ Approved as noted☐ Submit _____ copies for distribution☒ As requested☐ Returned for corrections☐ Return _____ corrected prints☐ For review and comment☐ _____

☐ FOR BIDS DUE _____ 19 _____ ☐ PRINTS RETURNED AFTER LOAN TO US

REMARKS _____



HYDROLOGY DIVISION

COPY TO _____

SIGNED: _____

GREGORY J. KRONIK

If enclosures are not as noted, kindly notify us at once.



April 24, 1995

S & J Enterprises
c/o Mark Goodwin & Associates
P.O. Box 90606
Albuquerque, NM 87199
Attn: Gregory Krenik

RE: License Application - S & J Enterprises
Alameda Drain Right-of-Way, Station 68+50±

Dear Mr. Krenik:

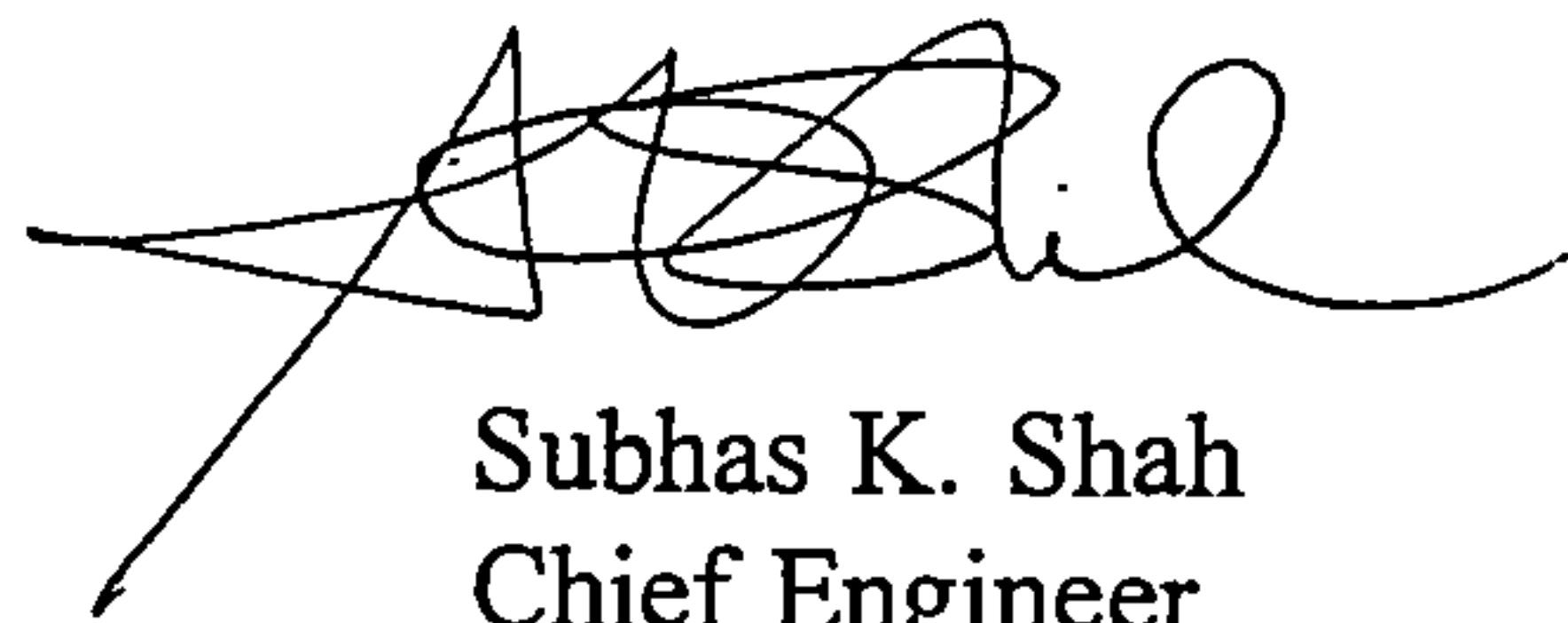
Enclosed please find a license application for S & J Enterprises to install and maintain 3-8" Concrete Encased Ductile Iron Storm sewer pipes across the Alameda Drain Right-of-Way, Station 68+50±.

We have completed the application. For further processing, please forward this package together with the required fee of \$200.00 to:

Mr. Garry M. Rowe
Bureau of Reclamation
505 Marquette N.W.
Suite 1313
Albuquerque, NM 87102-2162

If you have any questions, please feel free to contact Ray Gomez of our Engineering Department at 247-0234 or Ralph Nau of the Bureau at 766-3381.

Sincerely,



Subhas K. Shah
Chief Engineer

P.O. Box 581

87103-0581

1931 Second St. SW

Albuquerque, NM

87102-4515

505-247-0234

Fax # 505-243-7308

SKS:wam

Enclosures

BUREAU OF RECLAMATION
MIDDLE RIO GRANDE PROJECT

LICENSE APPLICATION FORM

DATE OF REQUEST 4-4-95
10-31-94
ORIGINAL SUBMITTAL

NAME OF APPLICANT <u>S+J ENTERPRISES</u>	ADDRESS & PHONE <u>3535 PRINCERN NE 87111</u>
REQUESTED BY <u>GREGORY J. KRENK</u>	REQUESTORS ADDRESS <u>MARK GOODWIN & ASSOCIATES PO BOX 90606 87199</u>
LOCATION OF INSTALLATION	
A. MRGCD MAP & TRACT (LOT OR BLOCK) <u>MAP #35</u>	
B. NAME OF DITCH (CANAL, LATERAL, ACEQUIA, DRAIN) <u>ALAMEDA DRAIN</u>	
C. OWNERSHIP (EASEMENT) ON ADJACENT LANDS <u>BURGER KING TO T6 NORTH & STATE OF NM TO THE SOUTH</u>	
D. EXISTING CONDITIONS <u>UNDER CONSTRUCTION - SITE / ALAMEDA DRAIN - VACANT</u>	
NOTE: THE INFORMATION ABOVE SHOULD BE INCLUDED ON A GENERAL MAP OF THE AREA	
CONSTRUCTION DATA	
A. TYPE OF CROSSING	☐ BRIDGE ☐ CONCRETE BOX CULVERT ☐ CONCRETE PIPE CULVERT OR SIPHON ☐ CMP CULVERT ☐ UTILITY CROSSING, BURIED ☐ UTILITY CROSSING, AERIAL
	☐ UTILITY, PARALLEL ☒ OTHER <u>ENCASED Ductile Iron</u> <u>PIPES - 3-8"</u>
B. WIDTH OF CROSSING <u>40"</u>	STARTING DATE <u>JAN 1, 1995</u>
C. CONSTRUCTION SCHEDULE <u>AT RIGHT</u>	COMPLETION DATE <u>MAY 1, 1995</u>
D. RESTORATION PLANS FOR DISTURBED LAND <u>RETURN TO NATURAL GRADE</u> <u>AND CONDITION</u>	REQUESTOR'S SIGNATURE <u>[Signature]</u>

FOR MRGCD OR BUREAU USE ONLY

REQUEST NO. _____

- A. SECTION, TOWNSHIP, RANGE SEC. 7 T. 10N. R. 3E
- B. STATIONING OF DITCH 68+50±
- C. DITCH GRADE (DESIGN OR OPERATING) 0.0013'/FT
- D. ELEVATION OF CENTERLINE OF INSTALLATION 4948.8±
- E. DITCH CAPACITY N/A
- F. DITCH RIGHT OF WAY WIDTH 100± (VARIES)
- G. WEED PROBLEM CRITERIA _____
- H. REMARKS OR SPECIAL CONDITIONS _____

[Signature]
DISTRICT ENGINEER

4-18-95