CITY OF ALBUQUERQUE

Hydrology Section Planning Department David S. Campbell, Director



Timothy M. Keller, Mayor

June 7, 2018

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

RE: Entertainment Facility
3930 Pan-American NE
Grading and Drainage Plan
Engineers Stamp Date: 5/31/2018
Hydrology File: G16D145A

Dear Mr. Bohannan,

Based on the information provided in the submittal received on 6/04/2018 is approved for building permit. Please attach a copy of this approved plan in the construction sets when submitting for a building permit.

PO Box 1293

Prior to Certificate of Occupancy release, Engineer Certification per the DPM checklist will be required.

Albuquerque

Prior to requesting C.O., the Agreement and Covenant will need to be recorded. An Agreement and Covenant is required for the stormwater quality pond on the public easement. The original notarized form, pond exhibit (legible on 8.5x11 paper), and recording fee (\$25, payable to City of Albuquerque) must be turned into DRC (4th, Plaza del Sol) for routing. Please contact Charlotte LaBadie (clabadie@cabq.gov, 924-3996) or Madeline Carruthers (mtafoya@cabq.gov, 924-3997) regarding the routing and recording process for covenants. The exhibits must be revised to show the approved pond grading details before the Agreement and Covenant can be processed.

www.cabq.gov

NM 87103

If you have any questions, you can contact me at 924-3686 or jhughes@cabq.gov.

Sincerely,

James D. Hughes, P.E.

Principal Engineer, Planning Dept. Development and Review Services



City of Albuquerque

Planning Department Development & Building Services Division

DRAINAGE AND TRANSPORTATION INFORMATION SHEET (REV 10/2015)

Project Title: Entertainment Facility	Building Permit #:	Hydrology File #:	
DRB#:			
Legal Description:			
City Address: _3930 Pan American FWY NE Albu	querque, NM		
Applicant: Tierra West, LLC		Contact: Jonathan Niski	
Address:5571 Midway Park Place NE Albuquerqu			
Phone#: 505-858-3100	Fax#: 505-858-1118	E-mail: jniski@tierrawestllc.com	
Other Contact: ABC Comanche Retail, LLC		Contact: Brendon Hollier	
Address: 8350 N. Central Expy., Suite 1313 Dallas			
Phone#: 214-561-6515		E-mail: hollier@paliopartners.com	
Check all that Apply:			
DEPARTMENT:	TVDE OF	ADDROVAL /A CCEDTANCE COLICIT.	
X HYDROLOGY/ DRAINAGE		APPROVAL/ACCEPTANCE SOUGHT: DING PERMIT APPROVAL	
TRAFFIC/ TRANSPORTATION	CEDT		
MS4/ EROSION & SEDIMENT CONTR	OL CERT	FICATE OF OCCUPANCY	
TYPE OF SUBMITTAL:	PRELI	MINARY PLAT APPROVAL	
ENGINEER/ARCHITECT CERTIFICATION		PLAN FOR SUB'D APPROVAL	
	SITE F	PLAN FOR BLDG. PERMIT APPROVAL	
CONCEPTUAL G & D PLAN	FINAL	L PLAT APPROVAL	
X GRADING PLAN			
DRAINAGE MASTER PLAN	SIA/ R	ELEASE OF FINANCIAL GUARANTEE	
DRAINAGE REPORT	FOUN	DATION PERMIT APPROVAL	
CLOMR/LOMR	GRAD	GRADING PERMIT APPROVAL	
	SO-19	APPROVAL	
TRAFFIC CIRCULATION LAYOUT (TO	CL) PAVIN	PAVING PERMIT APPROVAL	
TRAFFIC IMPACT STUDY (TIS)	GRAD	GRADING/ PAD CERTIFICATION	
EROSION & SEDIMENT CONTROL PL	LAN (ESC) WORK	WORK ORDER APPROVAL	
	CLOM	IR/LOMR	
OTHER (SPECIFY)			
	PRE-D	ESIGN MEETING?	
IS THIS A RESUBMITTAL?: X Yes	NoOTHE	R (SPECIFY)	

COA STAFF: ELECTRONIC SUBMITTAL RECEIVED: ____



TIERRA WEST, LLC

June 1, 2018

James D. Hughes, P.E. City of Albuquerque PO Box 1293 Albuquerque, NM 87103

RE: ENTERTAINMENT FACILITY

3930 PAN-AMERICAN NE

CONCEPTUAL GRADING AND DRIANAGE PLAN

ENGINEERS STAMP DATE: 5/3/18 HYDROLOGY FILE: G16D145A

Dear Mr. Hughes:

Please find the following responses addressing your comments listed below:

 First Flush volume calculations are required for the volume provided by the onsite pond. They should be based on dimensioned details, so the slopes inside the pond should be labeled on Section AA and the proposed contours in the plan view should be located to agree with the slopes shown on the cross section. Labels are not legible on some of the contours.

Additional information was provided on the Grading Plan and the crosssections. Dimensions were added and labeling cleaned up.

2. Details of the existing and proposed drainage structures in the onsite pond need to be added to the plan along with capacity calculations. A detail of the existing primary pond outfall structure must include construction specifications for modifications to prevent floatables from leaving the pond during the 100 year peak flow without clogging and calculations must be included demonstrating that the 100 year flow depth at the primary outlet will remain below the crest elevation of the existing concrete dam.

A second sheet was added to the set to detail a expanded metal barrier to be constructed around the existing inlet that would not allow floatables into the existing storm sewer system. The top of the grate will be at a higher elevation than the top of the existing concrete weir so that even during a large rain event no floatables will enter the inlet.

3. Prior to requesting C.O., the Agreement and Covenant will need to be recorded. An Agreement and Covenant is required for the stormwater quality pond on the public easement. The original notarized form, pond exhibit (legible on 805x11 paper), and recording fee (\$25, payable to City of Albuquerque) must be turned into DRC (4th, Plaza del Sol) for routing. Please contact Charlotte Labadie (clabadie@cabq.gov, 924-3996) or Madeline Carruthers (mtafoya@cabq.gov, 924-3997) regarding the routing and recording process for covenants. The exhibits must be revised to show the approved pond grading details before the Agreement and Covenant can be processed. If you have any questions, you can contact me at 924-3686 or jhughes@cabq.gov.

A Pond Agreement and Covenant will be submitted upon approval of the Grading and Drainage Plan.

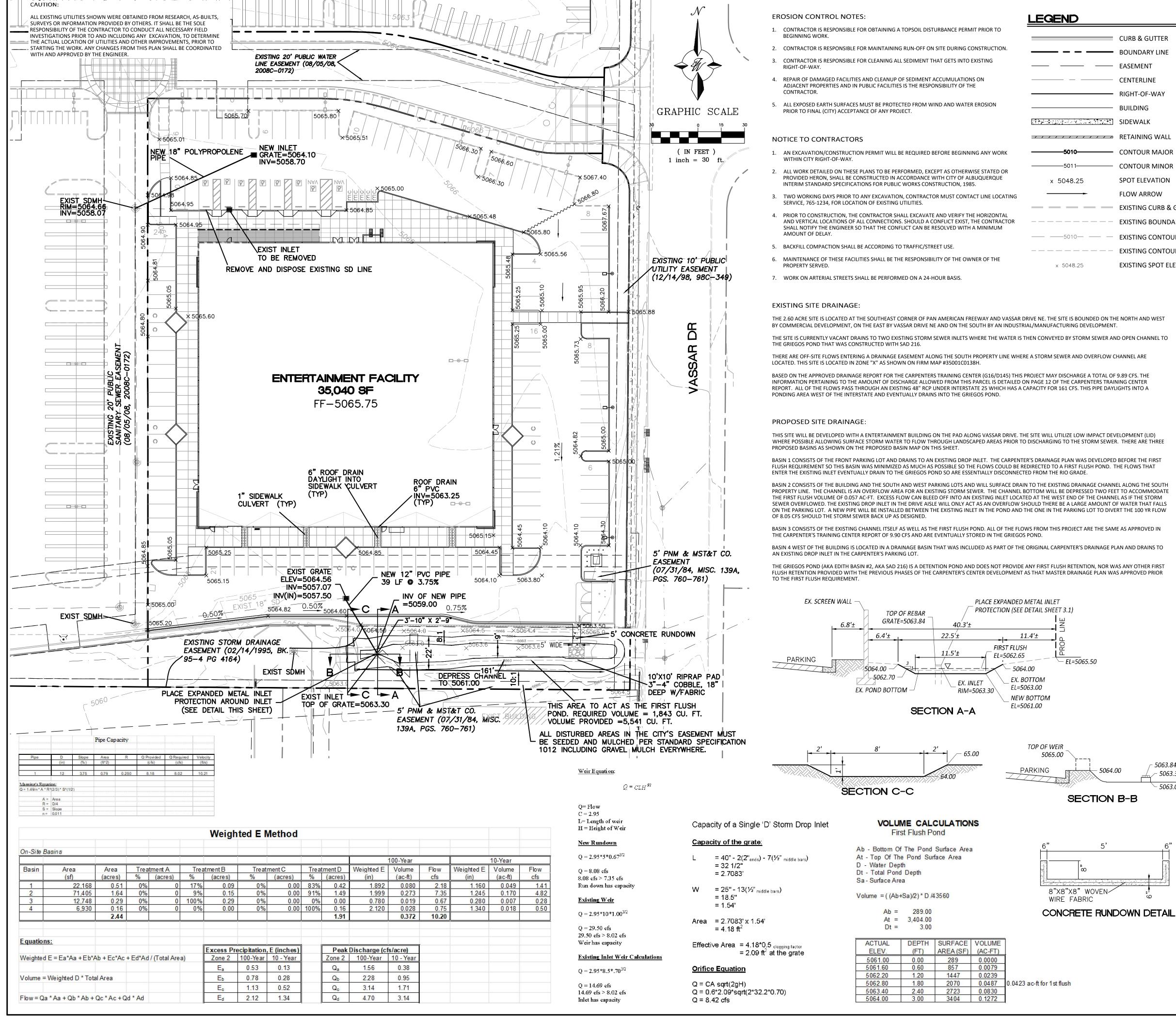
If you have any questions or need additional information regarding this matter, please do not hesitate to contact me.

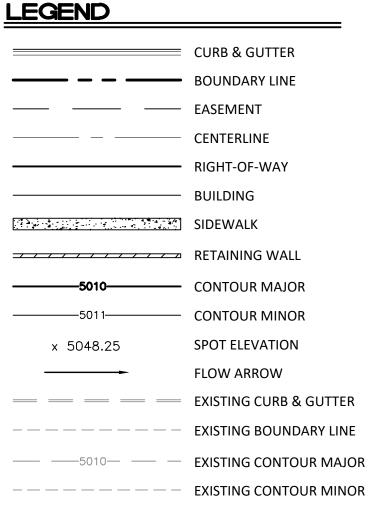
Sincerely,

Ronald R. Bohannan, PE

JN: 2017042

RRB/jn/kw





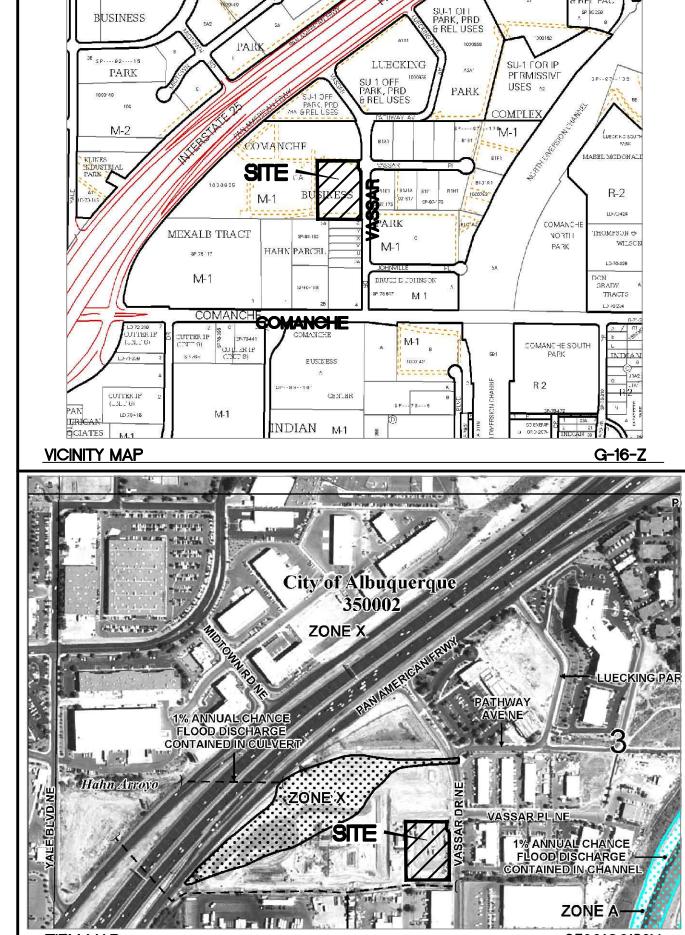
EXISTING SPOT ELEVATION

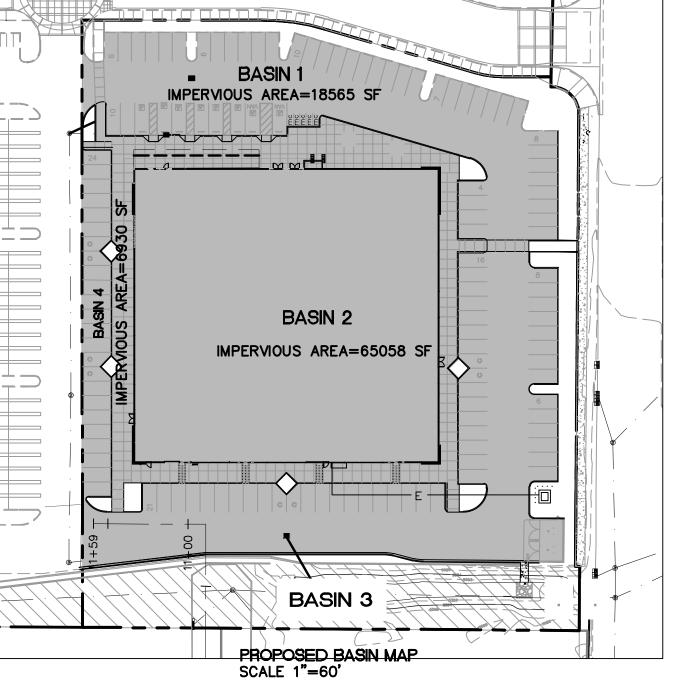
5063.84

~ 5063.30

~ *5063.00*

SECTION B-B



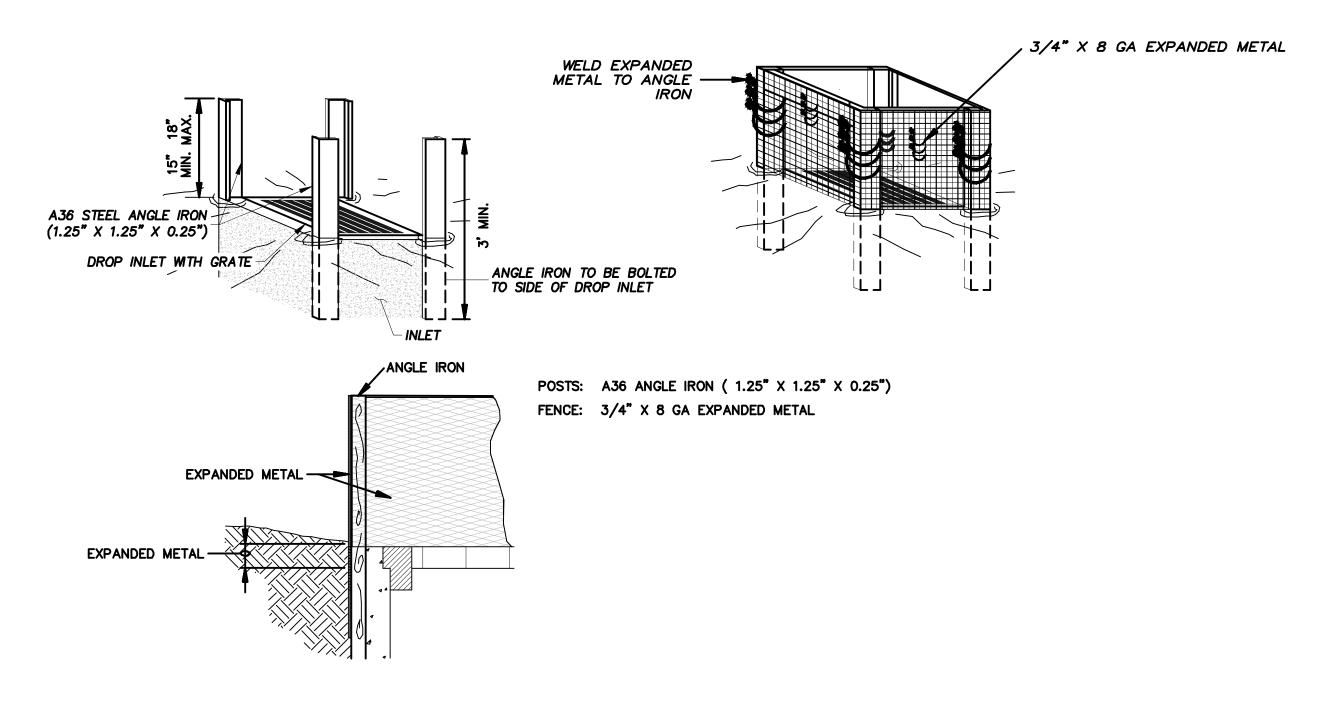


FIRST FLUSH CALCULATION BASIN 1: 18385 SF X 0.34"/12"=521 CF=0.012 AC-FT BASIN 2: 65058 SF X 0.34"/12"=1843 CF=0.042 AC-FT BASIN 4: 6930 sf X 0.34"/12"=196 CF = 0.0045 AC-FT

BASINS 1 AND 4 ARE COVERED BY WAIVER FOR A TOTAL OF 25,305 SF.

BASIN 2 IS ONLY BASIN DIRECTED TO FIRST FLUSH POND: 65,058 SF FOR A TOTAL OF 1,843 CF OF STORAGE.

ENGINEER'S SEAL	ENTERTAIMENT FACILITY 3930 PAN AMERICAN FRWY	<i>DRAWN BY</i> pm
DR. BOHANA W MEXICO Z	GRADING PLAN	<i>DATE</i> 5-14-18
((7868))		DRAWING
THIS YONAL ENGINE		SHEET #
5/31/2018	5571 MIDWAY PARK PL NE ALBUQUERQUE, NEW MEXICO 87109	3
RONALD R. BOHANNAN P.E. #7868	(505) 858-3100 www.tierrawestllc.com	<i>JOB #</i> 2017042



EXPANDED METAL INLET PROTECTION

N.T.S.

ENGINEER'S SEAL	ENTERTAIMENT FACILITY 3930 PAN AMERICAN FRWY	<i>DRAWN BY</i> pm
OR. BOW	3900 I AN AMERICAN I RIVI	DATE
\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	GRADING DETAILS	5-14-18
	GIADING BETAILS	DRAWING
7868		
PROPERTY OF THE PROPERTY OF TH		SHEET #
CONALENS!	TIERRA WEST, LLC	3.1
5/31/2018	5571 MIDWAY PARK PL NE ALBUQUERQUE, NEW MEXICO 87109	0.1
RONALD R. BOHANNAN	(505) 858-3100 www.tierrawestllc.com	JOB #
P.E. #7868		