

CITY OF ALBUQUERQUE



September 17, 2015

David Soule, PE
Rio Grande Engineering
1606 Central SE Suite 201
Albuquerque, NM 87106

**Re: Kirkpatrick
8610 President Place
Request Permanent C.O. - Accepted
Engineer's Stamp dated: 2-5-15 (C17D122)
Certification dated: 9-14-15**

Dear Mr. Soule,

Based on the Certification received 9/15/2015, the site is acceptable for release of Certificate of Occupancy by Hydrology.

PO Box 1293

If you have any questions, you can contact me at 924-3695 or Totten Elliott at 924-3982.

Albuquerque

New Mexico 87103

www.cabq.gov

Sincerely,

Rita Harmon, P.E.,
Senior Engineer, Hydrology
Planning Department

C: TE/RH
email



City of Albuquerque

Planning Department

Development & Building Services Division

DRAINAGE AND TRANSPORTATION INFORMATION SHEET

(REV 02/2013)

Project Title: _____ Building Permit #: _____ City Drainage #: _____

DRB#: _____ EPC#: _____ Work Order#: _____

Legal Description: _____

City Address: _____

Engineering Firm: _____ Contact: _____

Address: _____

Phone#: _____ Fax#: _____ E-mail: _____

Owner: _____ Contact: _____

Address: _____

Phone#: _____ Fax#: _____ E-mail: _____

Architect: _____ Contact: _____

Address: _____

Phone#: _____ Fax#: _____ E-mail: _____

Surveyor: _____ Contact: _____

Address: _____

Phone#: _____ Fax#: _____ E-mail: _____

Contractor: _____ Contact: _____

Address: _____

Phone#: _____ Fax#: _____ E-mail: _____

TYPE OF SUBMITTAL:

- _____ DRAINAGE REPORT
- _____ DRAINAGE PLAN 1st SUBMITTAL
- _____ DRAINAGE PLAN RESUBMITTAL
- _____ CONCEPTUAL G & D PLAN
- _____ GRADING PLAN
- _____ EROSION & SEDIMENT CONTROL PLAN (ESC)
- _____ ENGINEER'S CERT (HYDROLOGY)
- _____ CLOMR/LOMR
- _____ TRAFFIC CIRCULATION LAYOUT (TCL)
- _____ ENGINEER'S CERT (TCL)
- _____ ENGINEER'S CERT (DRB SITE PLAN)
- _____ ENGINEER'S CERT (ESC)
- _____ SO-19
- _____ OTHER (SPECIFY)

CHECK TYPE OF APPROVAL/ACCEPTANCE SOUGHT:

- _____ SIA/FINANCIAL GUARANTEE RELEASE
- _____ PRELIMINARY PLAT APPROVAL
- _____ S. DEV. PLAN FOR SUB'D APPROVAL
- _____ S. DEV. FOR BLDG. PERMIT APPROVAL
- _____ SECTOR PLAN APPROVAL
- _____ FINAL PLAT APPROVAL
- _____ CERTIFICATE OF OCCUPANCY (PERM)
- _____ CERTIFICATE OF OCCUPANCY (TCL TEMP)
- _____ FOUNDATION PERMIT APPROVAL
- _____ BUILDING PERMIT APPROVAL
- _____ GRADING PERMIT APPROVAL
- _____ PAVING PERMIT APPROVAL
- _____ WORK ORDER APPROVAL
- _____ GRADING CERTIFICATION
- _____ SO-19 APPROVAL
- _____ ESC PERMIT APPROVAL
- _____ ESC CERT. ACCEPTANCE
- _____ OTHER (SPECIFY)

WAS A PRE-DESIGN CONFERENCE ATTENDED: _____ Yes _____ No _____ Copy Provided

DATE SUBMITTED: _____ By: _____

Requests for approvals of Site Development Plans and/or Subdivision Plats shall be accompanied by a drainage submittal. The particular nature, location, and scope to the proposed development defines the degree of drainage detail. One or more of the following levels of submittal may be required based on the following:

1. **Conceptual Grading and Drainage Plan:** Required for approval of Site Development Plans greater than five (5) acres and Sector Plans
2. **Drainage Plans:** Required for building permits, grading permits, paving permits and site plans less than five (5) acres
3. **Drainage Report:** Required for subdivision containing more than ten (10) lots or constituting five (5) acres or more
4. **Erosion and Sediment Control Plan:** Required for any new development and redevelopment site with 1-acre or more of land disturbing area, including project less than 1-acre than are part of a larger common plan of development

Weighted E Method
KIRKPATRICK

Existing Developed Basins							100-Year 6-hr			10-day	
Basin	Area (ft ²)	Area (acres)	Treatment A % (acres)	Treatment B % (acres)	Treatment C % (acres)	Treatment D % (acres)	Weighted E (ac-ft)	Volume (ac-ft)	Flow cfs	Volume (ac-ft)	
BASIN A	16354	0.374	0%	0	0.030	6.0%	0.2248	86%	3.522	1.953	1.65
BASIN B	24640	0.568	0%	13.0%	0.074	31.0%	0.17535	54%	0.365	0.75	1.16
BASIN C	2816	0.065	0%	7.9%	0.064	75.0%	0.2454	18%	0.011	1.284	0.06
TOTAL	43600	1.000	0%	0	0.108	0.243	48%	0.638	0.143	4.207	1.00

Equations:

Weighted E = $E_A/A_A + E_B/A_B + E_C/A_C + E_D/A_D$ / (Total Area)

Volume = Weighted E * Total Area

Flow = $Q_A * A_A + Q_B * A_B + Q_C * A_C + Q_D * A_D$

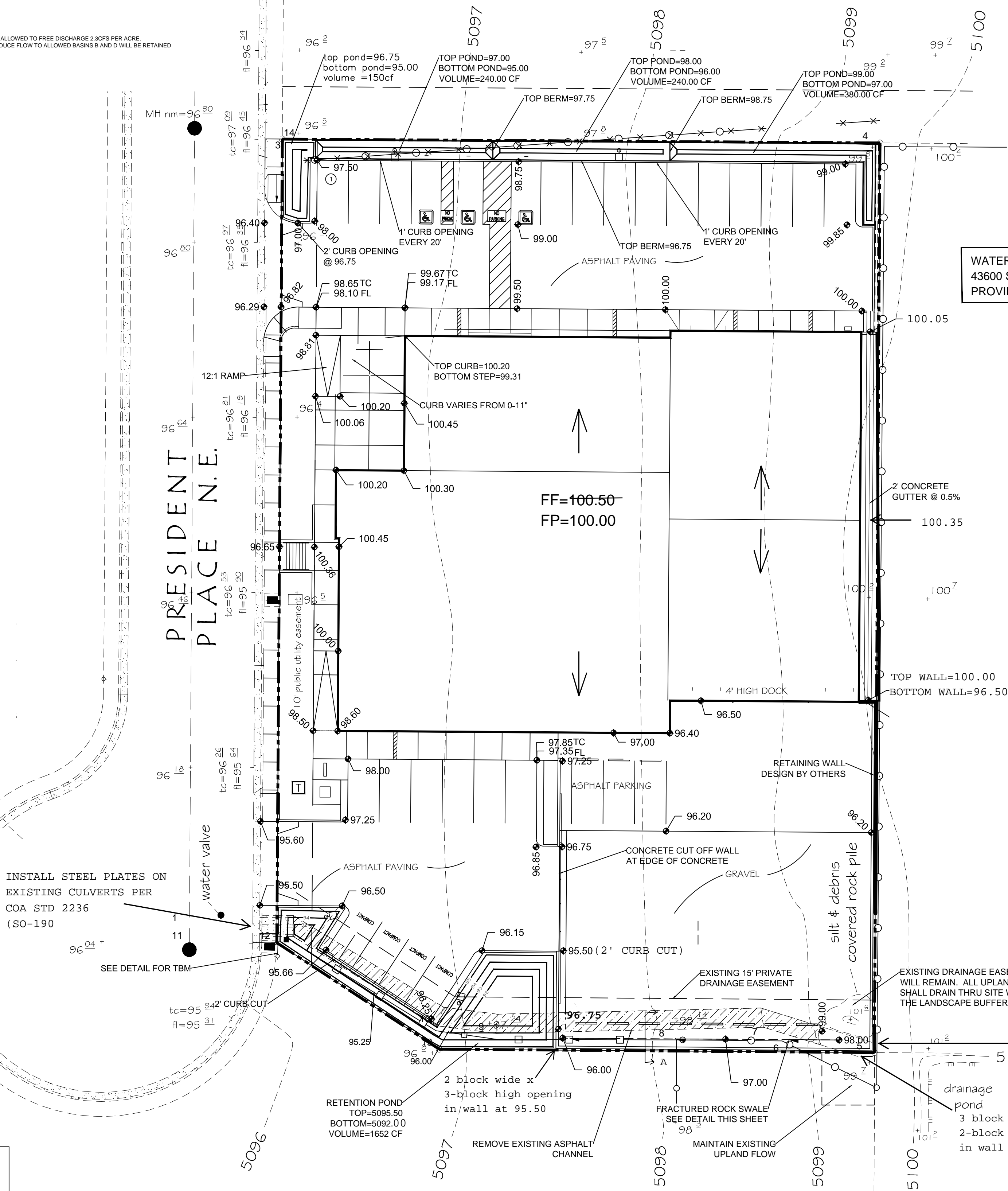
Where for 100-year, 6-hour storm (zone 1)

$Q_A = 0.53$
 $Q_B = 0.78$
 $Q_C = 1.13$
 $Q_D = 2.12$

Reduction of discharge
basin a
basin b
water quality requirement
Pond basin B
Pond basin A
Total retained
Theoretical discharge

38% 1010 retained/2657 generated
59% 1652 retained/3367 generated
1234.88
1652.20 of
1010.00 of
2662.30
62% Basin A+50% Basin B+100%Basin C= 2.302804
2.3 cfs
The SUBJECT PROPERTY IS LOCATED WITHIN BASIN D OF THE CITY OF ALBUQUERQUE GRADING PLAN. THIS SITE IS ALLOWED TO FREE DISCHARGE 2.3 CFS PER ACRE.
THE SITE ACCEPTS 1.2 CFS FROM THE UPLAND LOT. THE FLOW SHALL PASS THRU THE SITE. TO REDUCE FLOW TO ALLOWED BASIN B AND D WILL BE RETAINED

Tract B-1-A-3
CLIFFORD INDUSTRIAL PARK
Filed 8/31/1995, Volume 95C, Folio 331





City of Albuquerque

Planning Department

Development & Building Services Division

DRAINAGE AND TRANSPORTATION INFORMATION SHEET

(REV 02/2013)

Project Title: kirkpatrick Building Permit #: _____ City Drainage #: C17D122
DRB#: _____ EPC#: _____ Work Order#: _____
Legal Description: B1A5 CLIFFORD INDUSTRIAL PARK
City Address: 8610 presidents place

Engineering Firm: RIO GRANDE ENGINEERING Contact: DAVID SOULE
Address: PO BOX 93924, ALBUQUERQUE, NM 87199
Phone#: 505.321.9099 Fax#: 505.872.0999 E-mail: DAVID@RIOGRANDEENGINEERING.COM

Owner: KIRKPATRICK COMPANY Contact: _____
Address: _____
Phone#: _____ Fax#: _____ E-mail: _____

Architect: DAN HERR Contact: _____
Address: _____
Phone#: _____ Fax#: _____ E-mail: _____

Surveyor: CONSTRUCTION SURVEY INCORPORATED Contact: JOHN GALLEGOS
Address: _____
Phone#: 917.8921 Fax#: _____ E-mail: _____

Contractor: _____ Contact: _____
Address: _____
Phone#: _____ Fax#: _____ E-mail: _____

TYPE OF SUBMITTAL:

☐ DRAINAGE REPORT
☐ DRAINAGE PLAN 1st SUBMITTAL
☒ DRAINAGE PLAN RESUBMITTAL
☐ CONCEPTUAL G & D PLAN
☐ GRADING PLAN
☐ EROSION & SEDIMENT CONTROL PLAN (ESC)
☐ ENGINEER'S CERT (HYDROLOGY)
☐ CLOMR/LOMR
☐ TRAFFIC CIRCULATION LAYOUT (TCL)
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☐ ENGINEER'S CERT (DRB SITE PLAN)
☐ ENGINEER'S CERT (ESC)
☐ SO-19
☐ OTHER (SPECIFY) _____

CHECK TYPE OF APPROVAL/ACCEPTANCE SOUGHT:

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☐ GRADING PERMIT APPROVAL ☒ SO-19 APPROVAL
☐ PAVING PERMIT APPROVAL ☐ ESC PERMIT APPROVAL
☐ WORK ORDER APPROVAL ☐ ESC CERT. ACCEPTANCE
☐ GRADING CERTIFICATION ☐ OTHER (SPECIFY) _____

WAS A PRE-DESIGN CONFERENCE ATTENDED: _____ Yes ☒ No _____ Copy Provided _____

DATE SUBMITTED: 1/13/15 By: _____

Requests for approvals of Site Development Plans and/or Subdivision Plats shall be accompanied by a drainage submittal. The particular nature, location, and scope to the proposed development defines the degree of drainage detail. One or more of the following levels of submittal may be required based on the following:

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4. **Erosion and Sediment Control Plan:** Required for any new development and redevelopment site with 1-acre or more of land disturbing area, including project less than 1-acre than are part of a larger common plan of development

January 13, 2015

Ms. Amy Niese
Senior Engineer
Hydrology Department
Public Works Department
City of Albuquerque

RE: Revised Grading Plan (C-17D122)
Kirkpatrick Warehouse
Albuquerque, New Mexico

Dear Ms. Niese:

The purpose of this letter is to accompany the enclosed revised grading plan. The plan has been revised to accommodate your email comments dated 1/9/15. We have chosen to forgo the Stormtech chambers in favor of a more standard ponding method. The attached plan shows the site has 3 basins. One small basin free discharges and the other two pass thru retention ponds prior to discharging. Since portions of the basin are captured by the ponds, there will be an attenuation of the peak flow. I submit that the reduction in flow rate is directly related to the ratio of total flow leaving the site compared to the total generated flow. There for Basin A retains 38% of the flow it generates therefore the peak discharge is reduced by the same 38%. This methodology is consistent with what Bernalillo County uses to calculate the attenuated peaks using retention ponds. We have preliminarily used infiltration rates from published USDA soil maps. Many Municipalities around the state allow this method. We have ordered a percolation test to confirm but would like to have plan reviewed and if acceptable have approval pending the submittal of the test. The soil type is Wink-Embudo complex with minimum 2" per hour, therefore the 3' pond will discharge in 18 hours.

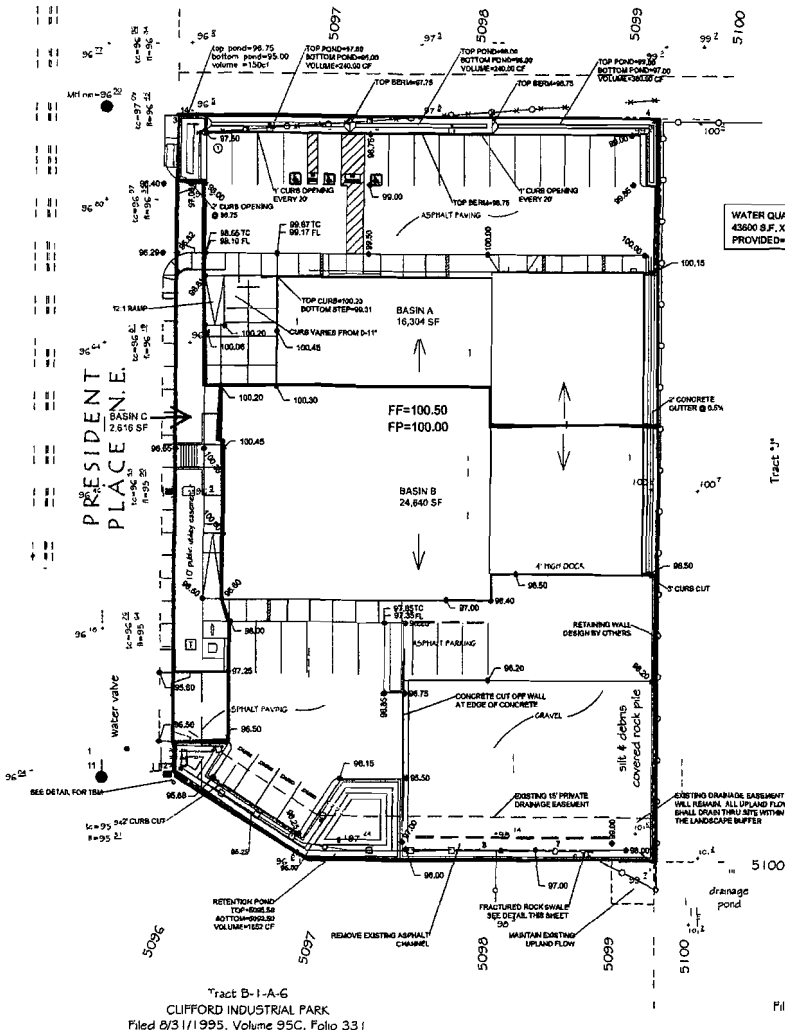
Should you have any questions regarding this matter, please do not hesitate to call me.

Sincerely,

David Soule, PE
RIO GRANDE ENGINEERING
PO Box 93924
ALBUQUERQUE, NM 87199
321-9099

BASIN MAP

Tract B-1-A-3
CLIFFORD INDUSTRIAL PARK
Filed 8/31/1995, Volume 95C, Folio 33 I

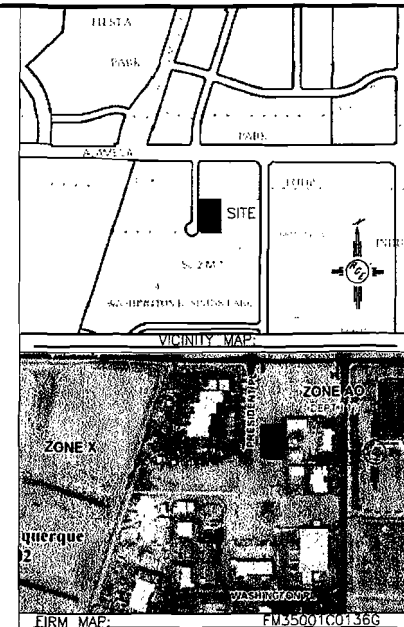


WATER QUALITY REQUIREMENT
43600 S.F. X .3412=1237 CF
PROVIDED=2879.50 CF

Tract B-1
CLIFFORD INDUSTRIAL PARK
Filed 6/28/1988, Vol. C56, Folio 15 I

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.



LEGAL DESCRIPTION:

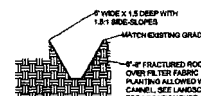
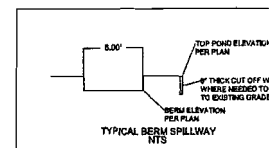
Tract B-1-A-3, Clifford Industrial Park

NOTES:

1. ALL SPOT ELEVATIONS REPRESENT FLOWLINE ELEVATION UNLESS OTHERWISE NOTED.
2. TOPOGRAPHIC SURVEY INFORMATION SHOWN ON THIS PLAN WAS OBTAINED BY CHRYSTOPHER J. DOLAN, N.E.S. 7923
3. ON-SITE CURB SHALL BE 6" UNLESS OTHERWISE NOTED.
4. ALL POND SHALL BE LINED WITH 6"-8" FRACTURED ROCK. LANDSCAPING SHALL BE INSTALLED WITHIN ROCK.

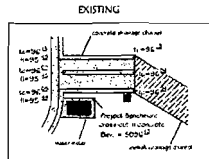
LEGEND

- - - - -5411- - - - - EXISTING CONTOUR
- - - - -5410- - - - - EXISTING INDEX CONTOUR
- - - - -5411- - - - - PROPOSED CONTOUR
- - - - -5410- - - - - PROPOSED INDEX CONTOUR
- DESIGN ELEVATION



GRAPHIC SCALE

SCALE: 1"=20'



EXISTING

DETAIL NTS

Elevations shown herein are NAVD83 values. Project Benchmark is a cross-cot in concrete at the southwest corner of Tract B-1-A-5, elevation = 5096.13 feet. Provided by Christopher J. Dolan, N.E.S. 7923

Tract B-1-A-7
CLIFFORD INDUSTRIAL PARK
Filed 8/31/1995, Volume 95C, Folio 33 I

ENGINEER'S SEAL	TRACT B-1-A-5 CLIFFORD INDUSTRIAL PARK	DRAWN BY: JCG
	GRADING AND DRAINAGE PLAN	DATE: 01-12-2015
DAVID SOALE P.E. #14622	 Rio Grande Engineering 1800 CENTRAL AVENUE SE SUITE 200 ALBUQUERQUE, NM 87106 (505) 875-0000	SHEET # 1 OF 1
		JOB #

Weighted E Method

KIRKPATRICK

Existing Developed Basins

											100-Year, 6-hr.			10-day
Basin	Area (sf)	Area (acres)	Treatment A		Treatment B		Treatment C		Treatment D		Weighted E (ac-ft)	Volume (ac-ft)	Flow cfs	Volume (ac-ft)
			%	(acres)	%	(acres)	%	(acres)	%	(acres)				
BASIN A	16304	0.374	0%	0	8.0%	0.030	6.0%	0.02246	86%	0.322	1.953	0.061	1.65	0.104
BASIN B	24640	0.566	0%	0	13.0%	0.074	31.0%	0.17535	54%	0.305	1.597	0.075	2.15	0.116
BASIN C	2616	0.060	0%	0	7.0%	0.004	75.0%	0.04504	18%	0.011	1.284	0.006	0.20	0.008
TOTAL	43560	1.000	0%	0		0.108		0.243	45%	0.638		0.143	4.007	#VALUE!

Equations:

Weighted E = $E_a \cdot A_a + E_b \cdot A_b + E_c \cdot A_c + E_d \cdot A_d$ / (Total Area)

Volume = Weighted D * Total Area

Flow = $Q_a \cdot A_a + Q_b \cdot A_b + Q_c \cdot A_c + Q_d \cdot A_d$

Where for 100-year, 6-hour storm (zone 3)

Ea= 0.53	Qa= 1.57
Eb= 0.78	Qb= 2.28
Ec= 1.13	Qc= 3.14
Ed= 2.12	Qd= 4.7

Reduction of discharge

basin a 38% 1010 retained/2657 generated

basin b 50% 1652 retained/3267 generated

water quality requirement 1234.88

Pond basin B 1652.00 cf

Pond basin A 1010.00 cf

Total retained 2662.00

Theoretical discharge 62% Basin A+50% Basin B+100%Basin C= 2.302804

allowed discharge 2.3 cfs

THE SUBJECT PROPERTY IS LOCATED WITHIN BASIN D OF THE C-17D1U9 GRADING PLAN. THIS SITE IS ALLOWED TO FREE DISCHARGE 2.3CFS PER ACRE.

THE SITE ACCEPTS 12.9 CFS FROM THE UPLAND LOTS. THE FLOW SHALL PASS THRU THE SITE. TO REDUCE FLOW TO ALLOWED BASINS B AND D WILL BE RETAINED

[Printable Version](#)
[Download Soils Data](#)
[Shopping Cart \(Free\)](#)
[Printable Version](#)
[Add to Shopping Cart](#)

— Map Unit Description

Saltillo County and Parts of Sandoval and Valencia Counties, New Mexico

B—Wink-Embudo complex, 0 to 5 percent slopes

Map Unit Setting

National map unit symbol: 1vz3
 Elevation: 4,850 to 6,500 feet
 Mean annual precipitation: 7 to 10 inches
 Mean annual air temperature: 58 to 60 degrees F
 Frost-free period: 170 to 195 days
 Farmland classification: Not prime farmland

Map Unit Composition

Wink and similar soils: 65 percent
 Embudo and similar soils: 25 percent

Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Wink

Setting

Landform: Alluvial fans, fan piedmonts
 Landform position (three-dimensional): Rise
 Down-slope shape: Linear
 Across-slope shape: Linear
 Parent material: Alluvium derived from igneous and sedimentary rock

Typical profile

H1 - 0 to 6 inches: fine sandy loam
 H2 - 6 to 60 inches: sandy loam

Properties and qualities

Slope: 1 to 5 percent
 Depth to restrictive feature: More than 80 inches
 Natural drainage class: Well drained
 Runoff class: Very low
 Capacity of the most limiting layer to transmit water (Ksat): High
 (2.00 to 6.00 in/hr)
 Depth to water table: More than 80 inches
 Frequency of flooding: None
 Frequency of ponding: None
 Calcium carbonate, maximum in profile: 10 percent
 Gypsum, maximum in profile: 2 percent
 Salinity, maximum in profile: Nonsaline (0.0 to 2.0 mmhos/cm)
 Sodium adsorption ratio, maximum in profile: 2.0
 Available water storage in profile: Moderate (about 7.7 inches)

Interpretive groups

Land capability classification (irrigated): None specified
 Land capability classification (nonirrigated): 7e
 Hydrologic Soil Group: A
 Ecological site: Loamy (R042XA052NM)

Description of Embudo

Setting

Landform: Terraces
 Landform position (three-dimensional): Tread
 Down-slope shape: Concave
 Across-slope shape: Linear
 Parent material: Alluvium derived from igneous and sedimentary rock

Typical profile

H1 - 0 to 4 inches: gravelly fine sandy loam
 H2 - 4 to 20 inches: gravelly sandy loam
 H3 - 20 to 60 inches: stratified very gravelly loamy coarse sand to extremely gravelly loamy sand

Properties and qualities

Slope: 0 to 5 percent
 Depth to restrictive feature: More than 80 inches
 Natural drainage class: Well drained
 Runoff class: Very low
 Capacity of the most limiting layer to transmit water (Ksat): High
 (2.00 to 6.00 in/hr)
 Depth to water table: More than 80 inches
 Frequency of flooding: Rare
 Frequency of ponding: None
 Calcium carbonate, maximum in profile: 5 percent
 Salinity, maximum in profile: Nonsaline (0.0 to 2.0 mmhos/cm)
 Sodium adsorption ratio, maximum in profile: 2.0
 Available water storage in profile: Low (about 3.4 inches)

Interpretive groups

Land capability classification (irrigated): None specified



Warning: Soil Map may not be valid at this scale.

When zoomed in beyond the scale at which the soil map for this area is intended to be used, the scale. The soil surveys that comprise your AOI were mapped at 1:24,000. The design of the symbols shown in the resulting soil map are dependent on that map scale.

Interpretation of maps beyond the scale of mapping can cause misunderstanding of the detail of maps. The maps do not show the small areas of contrasting soils that could have been shown.

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opening in wall

Weir Equation:

$$Q = CLH^{3/2}$$

Q = 13. cfs

C = 2.95

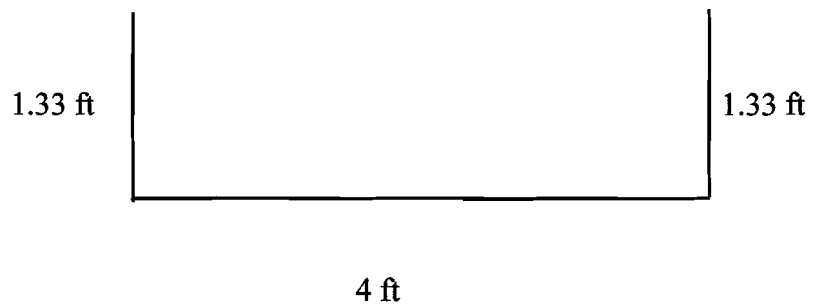
H = 0.67 ft

L = Length of weir

$$L = \frac{12.9}{2.95(1.33)^{3/2}}$$

L = 2.85 ft

Use 4' to match 3 blocks wide



Channel Capacity

	Top Width	Bottom Width	Depth	Area	WP	R	Slope	Q Provided	Q Required	Velocity
	(ft)	(ft)	(ft)	(ft^2)	(ft)		(%)	(cfs)	(cfs)	(ft/s)
Beginning	6	0.1	1.5	4.58	6.72	0.6809138	2	24.87	13.00	2.84

Manning's Equation:

$$Q = 1.49/n * A * R^{(2/3)} * S^{(1/2)}$$

A = Area

R = D/4

S = Slope

n = 0.03

David Soule

From: Niese, Amy [AmyNiese@cabq.gov]
Sent: Friday, January 09, 2015 12:02 PM
To: David Soule (david@riograndeengineering.com)
Subject: Kirkpatrick C17D122

You made the corrections I requested on the plans.

In talking with Curtis, we can only accept a volume in the rock voids of 30% not 40% that Stormtech uses. The number of units would have to be increased accordingly.

The Stormtech units can be used for retention for the First Flush. However, they cannot be used for infiltration because the DPM does not allow for infiltration at this time.

Because of these reasons, I cannot approve the Kirkpatrick plans until these issues are resolved.

I will discuss this more with you on Monday.

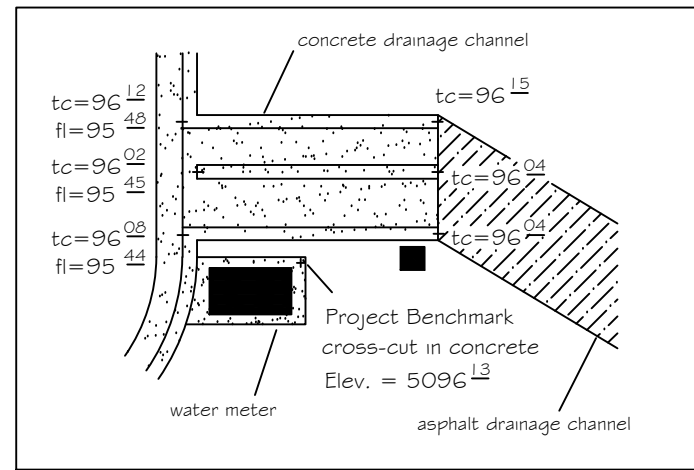
Amy L. D. Niese, P.E.
Senior Engineer, Hydrology
Planning Department
Development & Building Services Division
(505) 924-3994

100-Year 6-hr										10-day	
Basin	Area (ft ²)	Area (acres)	Treatment A %	Treatment B %	Treatment C %	Treatment D %	Weighted E (ac-ft)	Volume (ac-ft)	Flow cfs	Volume (ac-ft)	
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BASIN B	2460	0.568	0%	13.0%	0.074	0.120	0.0515	54%	0.305	0.075	0.116
BASIN C	2616	0.600	0%	7.0%	0.044	75.0%	0.2454	18%	0.011	1.284	0.006
TOTAL	28860	1.000	0%	0	0.108	0.0450	0.4638		0.143	4.200	0.208

allowed discharge 2.3 cfs
THE SUBJECT PROPERTY IS LOCATED WITHIN BASIN D OF THE C-17D1U9 GRADING PLAN. THIS SITE IS ALLOWED TO FREE DISCHARGE 2.3CFS PER ACRE. THE SITE ACCEPTS 12.9 CFS FROM THE UPLAND LOTS. THE FLOW SHALL PASS THRU THE SITE. TO REDUCE FLOW TO ALLOWED BASINS B AND D WILL BE RETAINED

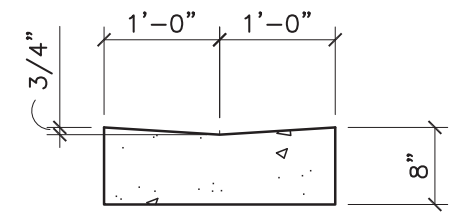
[illegible]

Elevations shown hereon are NAVD88 values. Project Benchmark is a cross-cut in concrete at the southwest corner of Tract B-1-A-5, elevation = 5096.13 feet. Provided by Christopher J. Dehler, NMLS 7923

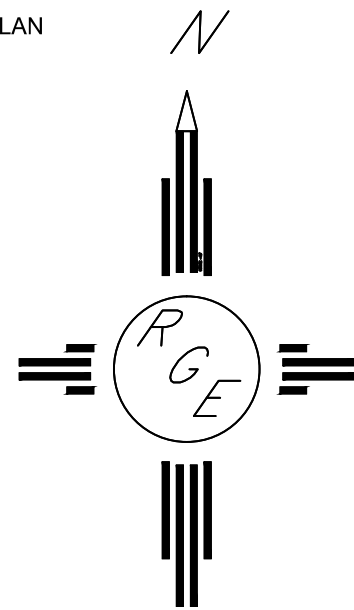
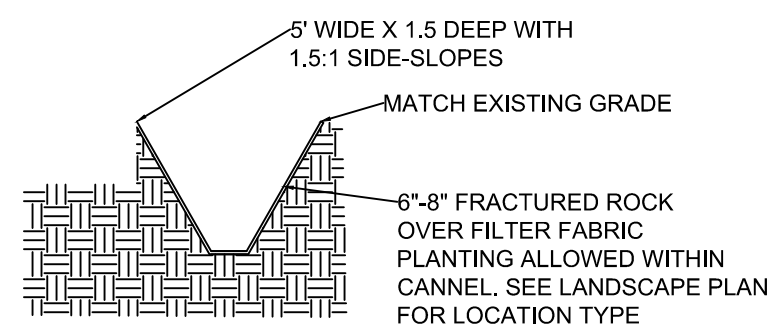
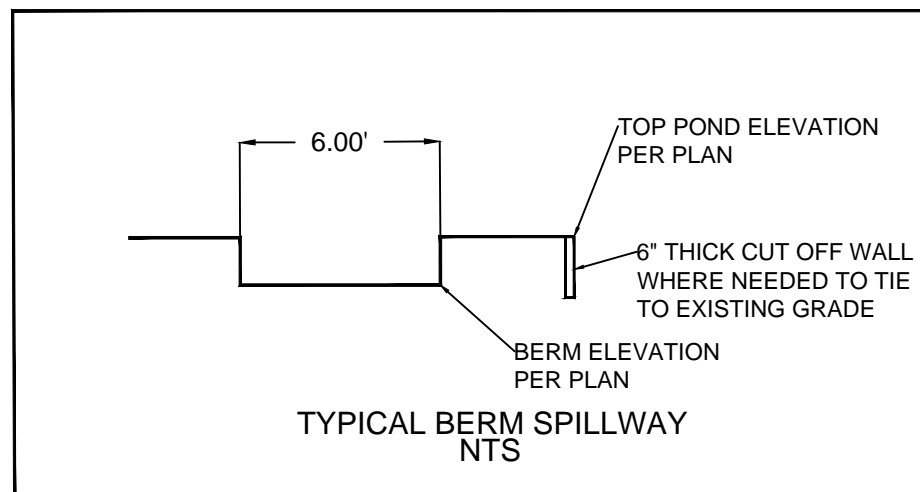


DETAIL NTS

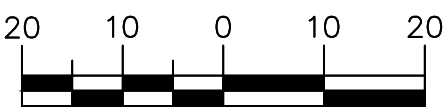
APPROVAL	NAME	DATE
INSPECTOR		



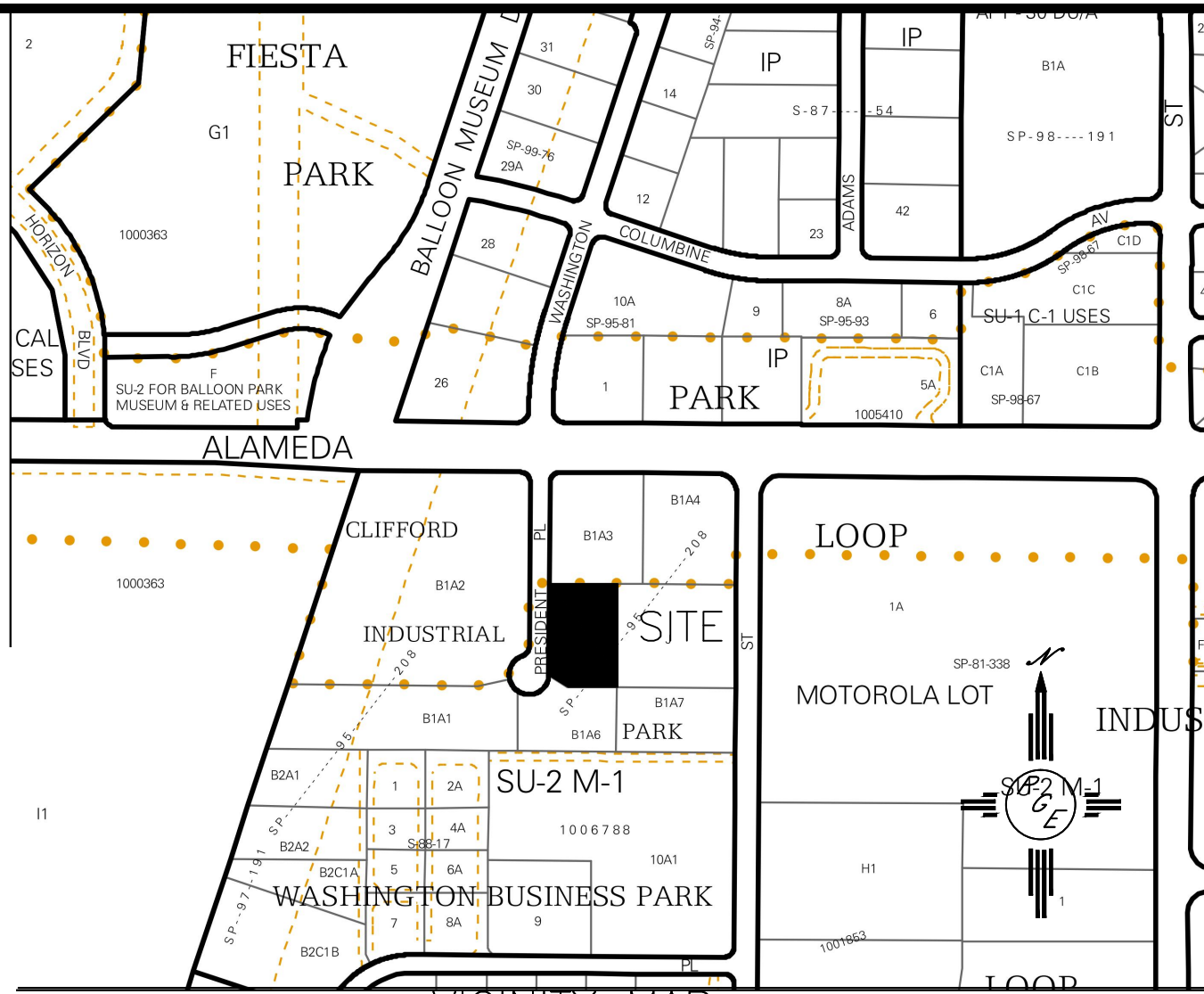
ALLEY GUTTER



GRAPHIC SCALE



SCALE: 1"=20'



VICINITY MAP




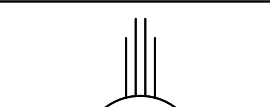
FIRM MAP:

FM35001C0136G

Tract B-1-A-5, Clifford Industrial Park

1. ALL SPOT ELEVATIONS REPRESENT FLOWLINE ELEVATION UNLESS OTHERWISE NOTED.
2. TOPOGRAPHIC SURVEY INFORMATION SHOWN ON THIS PLAN WAS OBTAINED BY Christopher J. Dehler, NMLS 7923
3. ONSITE CURB SHALL BE 6" UNLESS OTHERWISE NOTED
4. ALL POND SHALL BE LINED WITH 6-8" FRACTURED ROCK. LANDSCAPING SHALL BE INSTALLED WITHIN ROCK.

- - - -5411- - - - - EXISTING CONTOUR
 - - - -5410- - - - - EXISTING INDEX CONTOUR
 _____5411_____ PROPOSED CONTOUR
 _____5410_____ PROPOSED INDEX CONTOUR
 DESIGN ELEVATION

ENGINEER'S SEAL	TRACT B-1-A-5 CLIFFORD INDUSTRIAL PARK	DRAWN BY JDG
	GRADING AND DRAINAGE PLAN	DATE 01-12-2015
1/13/15	 <i>Rio Grande</i> <i>Engineering</i> 1606 CENTRAL AVENUE SE SUITE 201 ALBUQUERQUE, NM 87106 (505) 872-0999	SHEET # 1 OF 1
DAVID SOULE P.E. #14522		JOB #