



# Stormwater Quality Plan Information Sheet and Inspection Fee Schedule

**Project Name:** \_\_\_\_\_

**Project Location:** (address or major cross streets/arroyo) \_\_\_\_\_

**Plan Preparer Information:**

Company: \_\_\_\_\_

Contact: \_\_\_\_\_

Address: \_\_\_\_\_

Phone Number: (O) \_\_\_\_\_ (Cell (optional)) \_\_\_\_\_

e-Mail: \_\_\_\_\_

**Owner Information:**

Company: \_\_\_\_\_

Contact: \_\_\_\_\_

Address: \_\_\_\_\_

Phone: \_\_\_\_\_

e-Mail: \_\_\_\_\_

**I am submitting the ESC plan to obtain approval for:**

\_\_\_ Grading \_\_\_ Building Permit \_\_\_ Work Order Construction Plans

Note: More than one item can be checked for a submittal

**Stormwater Quality Inspection fee:** (based on development type and disturbed area)

Commercial	< 2 acres \$300 <input type="checkbox"/>	2 to 5 acres \$500 <input type="checkbox"/>	>5 acres \$800 <input type="checkbox"/>
Land/Infrastructure	< 5 acres \$300 <input type="checkbox"/>	5 to 40 acres \$500 <input type="checkbox"/>	>40 acres \$800 <input type="checkbox"/>
Multi - family	< 5 acres \$500 <input type="checkbox"/>	≥5 acres \$800 <input type="checkbox"/>	
Single Family Residential	<5 acres \$500 <input type="checkbox"/>	5 to 40 acres \$1000 <input type="checkbox"/>	> 40 acres \$1500 <input type="checkbox"/>

Plan Review fee is \$105 for the first submittal ☐ and \$75.00 for a resubmittal ☐

Total due equals the plan review fee plus the Stormwater Quality Inspection fee.

**Total Due \$** \_\_\_\_\_

If you have questions, please contact Curtis Cherne, Stormwater Quality 924-3420, ccherne@cabq.gov

Rev May 2019



# City of Albuquerque

## Planning Department

### Stormwater Control Permit for Erosion and Sediment Control

Project Title \_\_\_\_\_

Project Location (Major Cross Streets/Arroyo  
or address) \_\_\_\_\_

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**Property Owner:** (Note: If applying for a Building Permit, the “Company” or “Owner” name on this form must match the “Owner” name on the Building Permit.)

Company Name or Owner Name: \_\_\_\_\_

Responsible Person: (Note: Name below may be the same as Owner Name above if there is no Company Name)  
Name: \_\_\_\_\_

Phone Number: \_\_\_\_\_

E-mail: \_\_\_\_\_

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**Site Contact:** (if different than Property Owner info above.)

Name: \_\_\_\_\_

Phone: \_\_\_\_\_

e-mail: \_\_\_\_\_

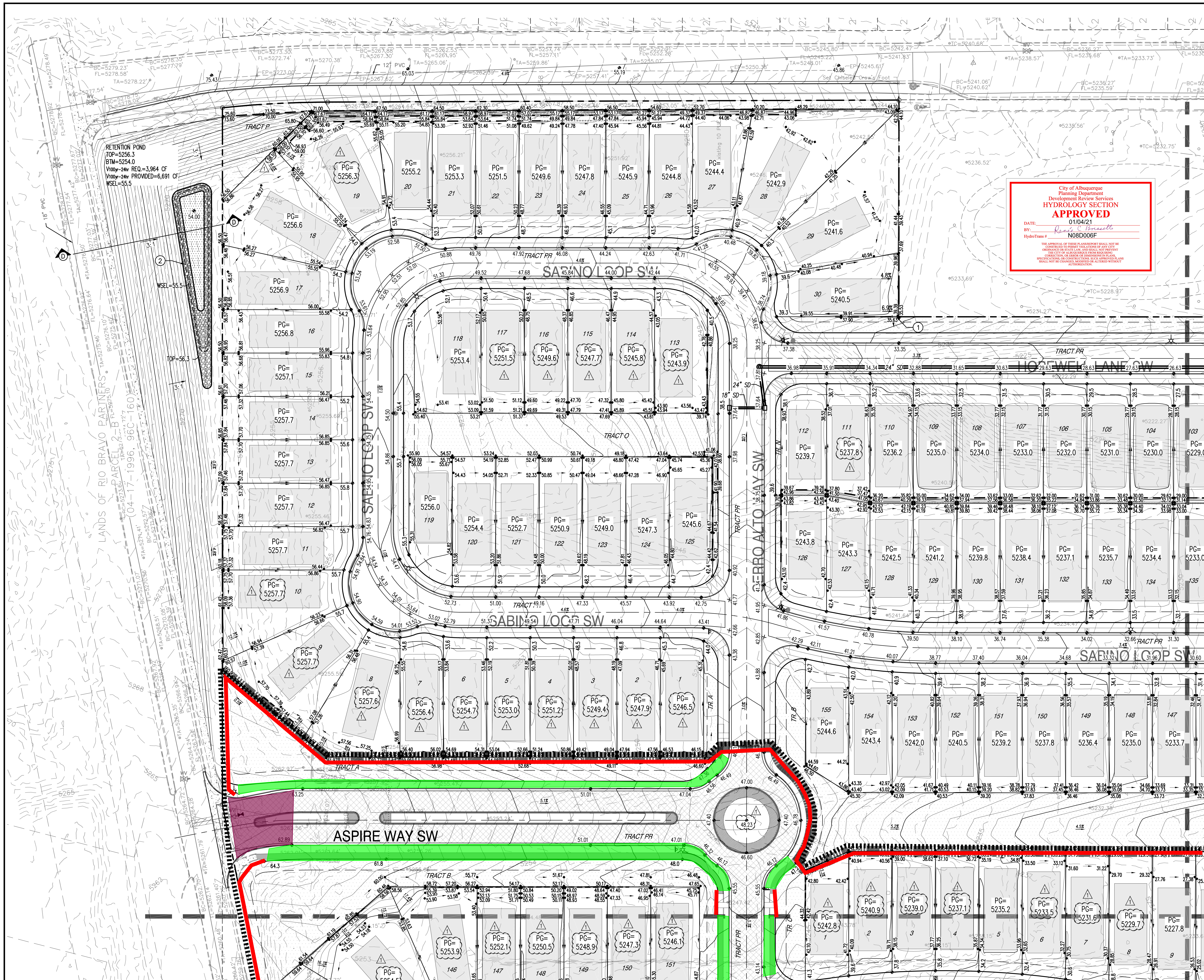
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**For City personnel use only:**

City Personnel Signature: \_\_\_\_\_ Date \_\_\_\_\_

(Rev June 2017)





BMP MAP LEGEND

- LIMITS OF DISTURBANCE
- PERIMETER BMP (SILT FENCE)
- CUT BACK CURB
- INLET PROTECTION
- FLOW DIRECTION
- VTC (VEHICLE TRACK-OUT CONTROL)
- PORTABLE TOILETS
- WASTE CONTAINER
- CONCRETE WASHOUT



OPERATOR: DR HORTON, INC.

TOTAL SITE AREA: 26.5 ACRES  
TOTAL DISTURBED AREA: 26.5 ACRES

RECEIVING WATERS: RIO GRANDE RIVER (ISLETA PUEBLO BOUNDARY TO TIJERAS ARROYO)

REFER TO THE ESC BMP DETAILS (ESC-4) FOR INSTALLATION, INSPECTION AND MAINTENANCE REQUIREMENTS.

**\*\*GRADING PLAN BY OTHERS\*\***

ASPIRE SUBDIVISION UNIT 1

TEMPORARY EROSION AND SEDIMENT CONTROL PLAN

Drawn By:  
M. VALLEJOS, CPESC, CISEC

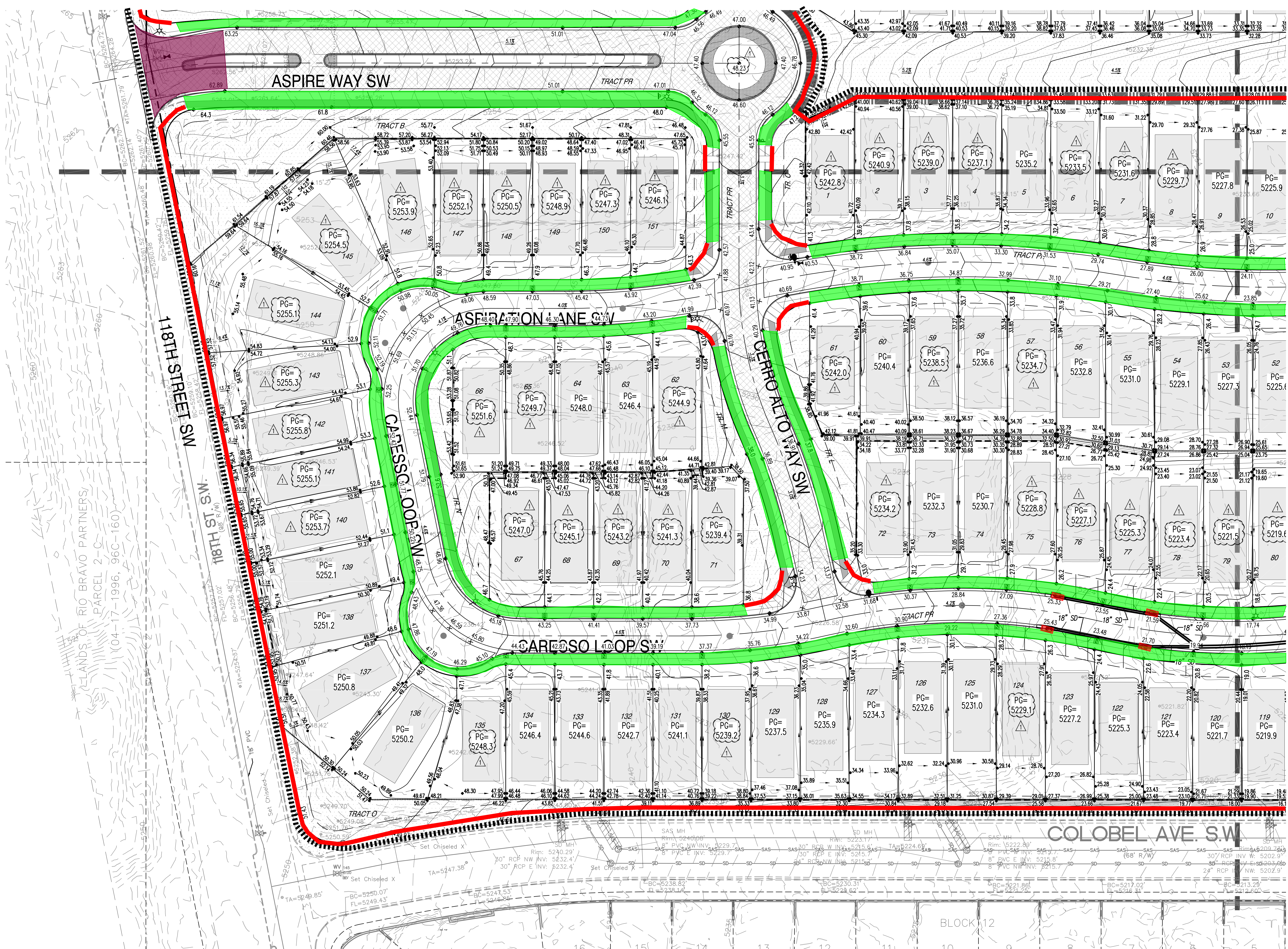
03/01/2021



ESC-1



SEE SHEET CG-101



**BMP MAP LEGEND**

- LIMITS OF DISTURBANCE
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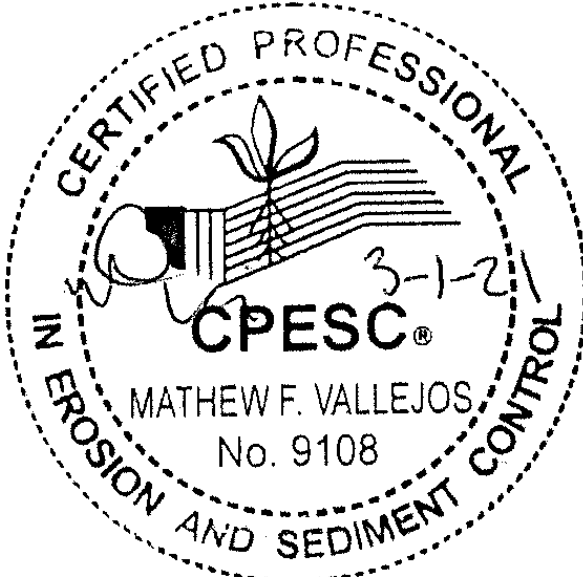
**\*\*GRADING PLAN BY OTHERS\*\***

**ASPIRE SUBDIVISION UNIT 1**

**TEMPORARY EROSION AND SEDIMENT CONTROL PLAN**

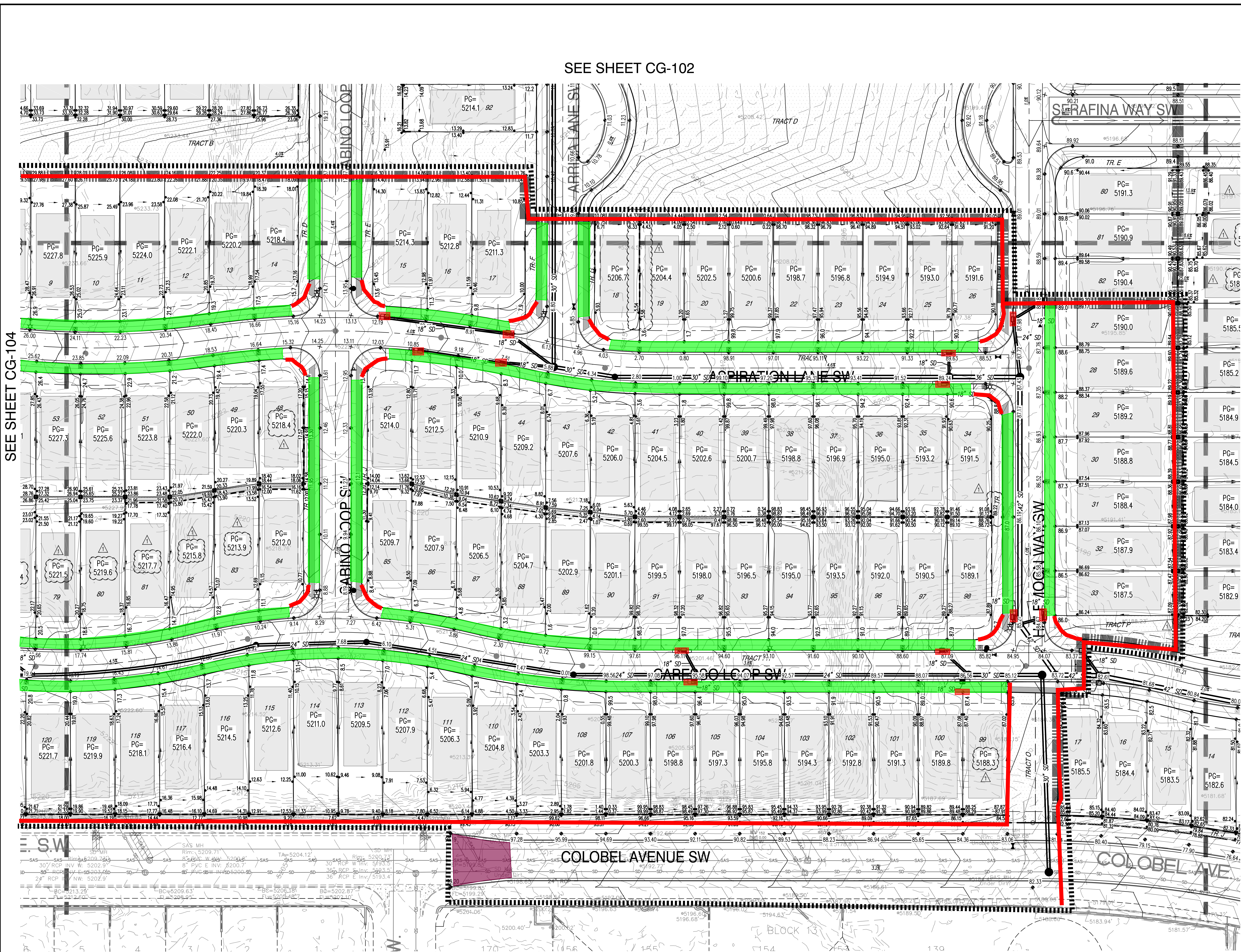
Drawn By:  
M. VALLEJOS, CPESC, CISEC

03/01/2021



ESC-2





SEE SHEET CG-104

SEE SHEET CG-102

- BMP MAP LEGEND**
- LIMITS OF DISTURBANCE
  - PERIMETER BMP (SILT FENCE)
  - CUT BACK CURB
  - INLET PROTECTION
  - FLOW DIRECTION
  - VTC (VEHICLE TRACK-OUT CONTROL)
  - PORTABLE TOILETS
  - WASTE CONTAINER
  - CONCRETE WASHOUT



**OPERATOR: DR HORTON, INC.**

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**\*\*GRADING PLAN BY OTHERS\*\***

**ASPIRE SUBDIVISION UNIT 1**

**TEMPORARY EROSION AND SEDIMENT CONTROL PLAN**

Drawn By:  
**M. VALLEJOS, CPESC, CISEC**

**03/01/2021**



**ESC-3**



### Non-woven Silt Fence

Use silt fence as a perimeter control particularly at lower or down slope edge of a disturbed area. Leave space for maintenance between slope and silt fence or roll. Trench in the silt fence on the uphill side (6 in deep by 6 in wide). Install stakes on the downhill side of the fence. Curve silt fence up-gradient to help it contain runoff.

8' max wood stake spacing and 10' max spacing for steel T-post.

The diagram illustrates a trench drain system installed in a concrete floor. Key components and dimensions are labeled:

- maximum 6-8 feet between joints**: Dimension for the length of the trench drain sections.
- filter fabric**: Material lining the bottom of the trench to prevent debris from clogging the grate.
- bucket**: The main body of the trench drain.
- 6 inch metal grate**: The top cover of the trench drain.
- 6 inches minimum**: Dimension for the depth of the trench below the grate.
- runoff**: Indicated by a blue arrow showing water flow into the trench.

## Cut-Back Curb Detail

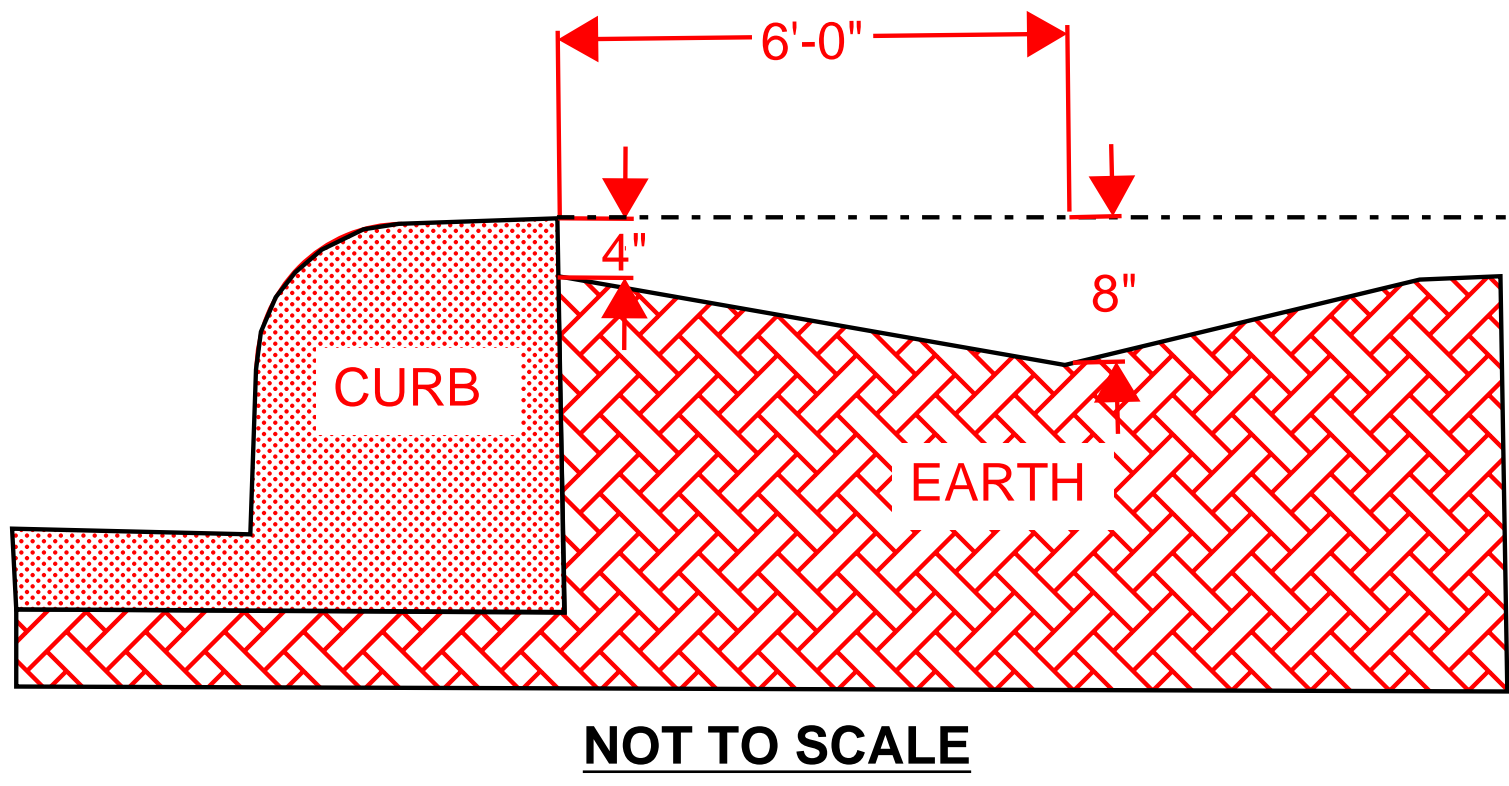


Diagram illustrating a road construction cross-section. The diagram shows a paved surface (PAVED SURFACE/PUBLIC RD.) adjacent to a 3" TO 8" ROCK MEDIA layer. Below the rock media is a 6" MINIMUM DEPTH layer of GEOTEXTILE FABRIC UNDERLINER. The dimensions of the rock media layer are indicated as 30' by 12'.

- DIMENSIONS NOTED CAN BE SITE RESTRICTIVE.

- 
- The logo for Green Lobe Environmental features a stylized green letter 'g' that incorporates a blue and green globe of the Earth. To the right of the 'g', the word 'reen' is written in blue, 'lobe' is written in a larger blue font, and 'ENVIRONMENTAL' is written in a smaller green font below 'lobe'.

## Coir Mat Inlet Protection



Baseline Properties		500 Hour Exposed Properties	
MD – Maximum Load (ppi)	14.6	MD – Maximum Load (ppi)	10.2
TD – Maximum Load (ppi)	18.7	TD – Maximum Load (ppi)	13.8
MD – Elongation @ Max Load (%)	19.3	MD – Elongation @ Max Load (%)	16.9
TD – Elongation @ Max Load (%)	27.7	TD – Elongation @ Max Load (%)	16.6

Light Penetration (ECTC Guidelines)		Resiliency (ASTM D 6524)	
Baseline Reading	125	Pre-loading thickness (mils)	1943
Reading with sample	10	Post-loading thickness (mils)	326
% Light Penetration	<8	% change	-83

Swell (ECTC)		Mass/Unit Area (ASTM D 6565)	
Dry thickness (mils)	1984	Mass/unit area (oz/sq. yd)	50.89
Thickness after soak (mils)	2098	Mass/unit area (g/sq. meter)	1725
% change	6		

Water Absorption (ASTM D 1117/ECTC)		Smolder Resistance (ECTC)	
Pre-soak Weight (grams)	69	Maximum Burn Distance (in)	.29
Post-Soak (grams)	152		
Weight change (grams)	82		
% Weight Change	119		

Sediment Control (ASTM D 5141)	
Test material:	Sand sieved thru No. 10 sieve
Filtering Efficiency (%)	40.8
Flow Rate (liter/minute)	150

## GRAVEL BAG INLET PROTECTION



Inlet gravel bags are manufactured on site to fit in the gutter pan on the upstream side of the inlet. Filled with smooth rounded pea gravel. The ends are sealed with ½" #12 hog rings. The gravel bags are connected together with the hogs to help create weight and stability.

FABRIC PHYSICAL SPECIFICATIONS:

Property Test Method Woven (typical)		
Fabric Weight	ASTDM D-5261	5 oz./sq.yd.
Grab Tensile (MD/TD)	ASTDM D-4632	350/220 lbs.
Trapezoid Tear (MD/TD)	ASTM D-4533	146/75 lbs.
Puncture	ASTM D-4833	112 lbs.
Mullen Burst	ASTM D-3786	388 psi.
UV Resistance (2000hrs)	ASTM D-4355	>70%
Water Flow	ASTM D-4355	195 gpm/sq-ft
Material		High Density Polyethylene (HDPE)

THE ABOVE VALUES ARE M.A.R.V. (minimum average roll values)

## TYPICAL CONCRETE WASHOUT-BELOW GRADE



- Install appropriate signage to inform concrete equipment operators of the proper washout location.
- An appropriate stabilized entrance shall be installed where applicable. The length and width of the stabilized entrance may vary based on size and location of the washout.
- Washout facilities shall be sized to contain washout water and solids.
- Typical dimensions are 10 feet long by 10 feet wide but may vary upon site limitations.
- Pit shall be delineated with Orange Filter Sock and A-Framed staked.
- The pit shall be lined with 10mil (minimum) polyethylene impermeable liner on the bottom and sides overlapping the top edges completing a leak-proof container.

### EROSION CONTROL NOTES

EROSION CONTROL SCHEDULE AND SEQUENCING. SEE SWPPP PLAN FOR OPERATOR RESPONSIBLE FOR EACH CONTROL MEASURE LISTED AND BMP DETAILS.

1. **ROUGH GRADING** – INSTALL SILT FENCE OR STRAW WATTLE, STABILIZED CONSTRUCTION EROSION AND SEDIMENT PONDS WHERE PRACTICAL. INSTALL BEFORE GRADING IF POSSIBLE; IF NOT, THEN CONCURRENT WITH MAJOR GRADING. WATER SHALL BE APPLIED TO STABILIZE DISTURBED AREAS.
2. **UTILITY INSTALLATION** – MAINTAIN SOIL EROSION MEASURES DURING BUILDING CONSTRUCTION AND UTILITY INSTALLATION. WATER SHALL BE APPLIED TO SOIL STABILIZATION AS NECESSARY. WHEN INSTALLING UTILITIES THE CURB, DIRT SHOULD NOT BE PLACED IN THE STREET.
3. **HOME CONSTRUCTION** – INSTALL SILT FENCE AT THE BACK OF CURB OR CUT BACK CURB PER DETAIL. THIS SHEET DURING HOME CONSTRUCTION. WATER SHALL BE APPLIED FOR SOIL STABILIZATION AS NECESSARY.
4. **FINAL STABILIZATION** – FINAL STRUCTURAL AND STABILIZATION CONTROLS INSTALLED PER APPROVED CONSTRUCTION AND LANDSCAPING DRAWINGS (REFERENCED BY SWPPP PLAN).

DURING CONSTRUCTION STORMWATER CONTROL NOTES:

1. STABILIZED CONSTRUCTION ENTRANCES REQUIRED BETWEEN PAVED/UNPAVED TRANSITIONS. LIMIT NUMBER OF ENTRANCES.
2. PLACE STRAW WATTLE ACROSS THE CONSTRUCTION ENTRANCE AT THE END OF EACH DAY.
3. SILT FENCE OR STRAW WATTLE TO BE INSTALLED AT INITIAL GRADING FOR TEMPORARY STRUCTURAL CONTROL. SILT FENCE OR STRAW WATTLE MAY BE ATTACHED TO CONSTRUCTION SECURITY FENCING FOR ADDITIONAL STABILITY WHEN NECESSARY.
4. ON STREETS WHERE THE LONGITUDINAL SLOPE IS 2.5% OR GREATER, MULCH SOCKS OR A SIMILAR PAD IS REQUIRED IN THE AREA BETWEEN THE CURB AND THE PAD AT REGULAR INTERVALS TO SLOW THE WATER DOWN AND CATCH SEDIMENT.
5. DISTURBED AREAS WILL BE WATERED PERIODICALLY FOR TEMPORARY STABILIZATION AND DUST CONTROL.
6. MATERIALS STORAGE & EQUIPMENT STAGING AREA MAY BE RELOCATED BASED ON CONSTRUCTION PREFERENCE AND CHANGING CONDITIONS AT THE JOB SITE, AS LONG AS POSSIBLE DISCHARGE IS CONTAINED ON SITE.
7. LOCATIONS OF TRASH, PORTA-LETTS AND CONCRETE WASH-OUT PITS TO BE REDULINED ON THIS DRAWING.
8. NO DISCHARGE TO WATERS OF THE U.S. OR LISTED WETLANDS.
9. NO OFF-SITE STORAGE OR BORROW AREAS.

AFTER CONSTRUCTION STORMWATER CONTROL NOTES:

1. REFER TO APPROVED CONSTRUCTION DRAWINGS FOR FINAL STRUCTURAL CONTROLS INCLUDE SIDEWALKS, DRIVEWAY AREAS, RUNDOWNS AND DRAINAGE WAYS.
2. REFER TO APPROVED LANDSCAPING DRAWINGS OR FINAL STABILIZATION OF DISTURBED AREAS.

**OPERATOR: DR HORTON, INC.**

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(ISLETA PUEBLO BOUNDARY TO TIJERAS  
ARROYO)**

**REFER TO THE ESC BMP DETAILS (ESC-4)  
FOR INSTALLATION, INSPECTION AND  
MAINTENANCE REQUIREMENTS.**

**ASPIRE UNIT 1**

## TEMPORARY EROSION AND SEDIMENT CONTROL PLAN

**Drawn By:**

**M. VALLEJOS, CPESC, CISEC**

03/01/21



## ESC-4



Submission of this Notice of Intent (NOI) constitutes notice that the operator identified in Section III of this form requests authorization to discharge pursuant to the NPDES Construction General Permit (CGP) permit number identified in Section II of this form. Submission of this NOI also constitutes notice that the operator identified in Section III of this form meets the eligibility requirements of Part 1.1 CGP for the project identified in Section IV of this form. Permit coverage is required prior to commencement of construction activity until you are eligible to terminate coverage as detailed in Part 8 of the CGP. To obtain authorization, you must submit a complete and accurate NOI form. Discharges are not authorized if your NOI is incomplete or inaccurate or if you were never eligible for permit coverage. Refer to the instructions at the end of this form.

## Permit Information

NPDES ID: NMR1003LWState/Territory to which your project/site is discharging: NM

Is your project/site located on federally recognized Indian Country lands? No

Are you requesting coverage under this NOI as a "Federal Operator" as defined in Appendix A  
([https://www.epa.gov/sites/production/files/2019-05/documents/final\\_2017\\_cgp\\_appendix\\_a\\_-\\_definitions.pdf](https://www.epa.gov/sites/production/files/2019-05/documents/final_2017_cgp_appendix_a_-_definitions.pdf))?

No

Have stormwater discharges from your current construction site been covered previously under an NPDES permit? No

Will you use polymers, flocculants, or other treatment chemicals at your construction site? No

Has a Stormwater Pollution Prevention Plan (SWPPP) been prepared in advance of filling this NOI, as required? Yes

Are you able to demonstrate that you meet one of the criteria listed in Appendix D ([https://www.epa.gov/sites/production/files/2017-02/documents/2017\\_cgp\\_final\\_appendix\\_d\\_-\\_endangered\\_species\\_reqs\\_508.pdf](https://www.epa.gov/sites/production/files/2017-02/documents/2017_cgp_final_appendix_d_-_endangered_species_reqs_508.pdf)) with respect to protection of threatened or endangered species listed under the Endangered Species Act (ESA) and federally designated critical habitat?

Yes

Have you completed the screening process in Appendix E ([https://www.epa.gov/sites/production/files/2017-02/documents/2017\\_cgp\\_final\\_appendix\\_e\\_-\\_historic\\_properties\\_reqs\\_508.pdf](https://www.epa.gov/sites/production/files/2017-02/documents/2017_cgp_final_appendix_e_-_historic_properties_reqs_508.pdf)) relating to the protection of historic properties?

Yes

Indicating "Yes" below, I confirm that I understand that CGP only authorized the allowable stormwater discharges in Part 1.2.1 and the allowable non-stormwater discharges listed in Part 1.2.2. Any discharges not expressly authorized in this permit cannot become authorized or shielded from liability under CWA section 402(k) by disclosure to EPA, state or local authorities after issuance of this permit via any means, including the Notice of Intent (NOI) to be covered by the permit, the Stormwater Pollution Prevention Plan (SWPPP), during an inspection, etc. If any discharges requiring NPDES permit coverage other than the allowable stormwater and non-stormwater discharges listed in Parts 1.2.1 and 1.2.2 will be discharged, they must be covered under another NPDES permit.

Yes

## Operator Information

## Operator Information

Operator Name: DR Horton, Inc.

Operator Mailing Address:

Address Line 1: 4400 Alameda Blvd.Address Line 2: Suite BCity: AlbuquerqueZIP/Postal Code: 87113State: NMCounty or Similar Division: Bernalillo

## Operator Point of Contact Information

**First Name** **Middle Initial** **Last Name:** Kevin Griffin

**Title:** NPDES Tech.

**Phone:** 505-206-8226 **Ext.:**

**Email:** ktgriffin@drhorton.com

## NOI Preparer Information

☒ This NOI is being prepared by someone other than the certifier.

**First Name** **Middle Initial** **Last Name:** Mathew F Vallejos

**Organization:** Green Globe Environmental

**Phone:** (505) 304-8473 **Ext.:**

**Email:** matt@greenglobenm.com

## Project/Site Information

**Project/Site Name:** Aspire Subdivision Unit 1

### Project/Site Address

**Address Line 1:** 118th St. and Colobel Avenue

**Address Line 2:** **City:** Albuquerque

**ZIP/Postal Code:** 87121 **State:** NM

**County or Similar Division:** Bernalillo

**Latitude/Longitude:** 35.03523°N, 106.749939°W

**Latitude/Longitude Data Source:** Map **Horizontal Reference Datum:** WGS 84

**Project Start Date:** 02/15/2021 **Project End Date:** 12/03/2021 **Estimated Area to be Disturbed:** 26.5

### Types of Construction Sites:

- Single-Family Residential

**Will there be demolition of any structure built or renovated before January 1, 1980?** No

**Was the pre-development land use used for agriculture?** No

**Have earth-disturbing activities commenced on your project/site?** No

**Is your project/site located on federally recognized Indian Country lands?** No

**Is your project/site located on a property of religious or cultural significance to an Indian tribe?** No

## Discharge Information

**Does your project/site discharge stormwater into a Municipal Separate Storm Sewer System (MS4)?** Yes



Are there any waters of the U.S. within 50 feet of your project's earth disturbances? No

Are any of the waters of the U.S. to which you discharge designated by the state or tribal authority under its antidegradation policy as a Tier 2 (or Tier 2.5) water (water quality exceeds levels necessary to support propagation of fish, shellfish, and wildlife and recreation in and on the water) or as a Tier 3 water (Outstanding National Resource Water)? See Appendix F ([https://www.epa.gov/sites/production/files/2017-02/documents/2017\\_cgp\\_final\\_appendix\\_f\\_-\\_tier\\_3\\_tier\\_2\\_and\\_tier\\_2.5\\_waters\\_508.pdf](https://www.epa.gov/sites/production/files/2017-02/documents/2017_cgp_final_appendix_f_-_tier_3_tier_2_and_tier_2.5_waters_508.pdf))

Yes

## 001: Rio Grande (Tijeras Arroyo to Alameda Bridge)

Latitude/Longitude: 35.026061°N, 106.672645°W

Tier Designation: Tier 2

Is this receiving water impaired (on the CWA 303(d) list)? Yes

### Impaired Pollutants:

- Dissolved oxygen
- Temperature
- E. coli

Has a TMDL been completed for this receiving waterbody? Yes

TMDL ID: NM2105 Name: Rio Grande (Tijeras Arroyo to Alameda Bridge)

### TMDL Pollutants:

- E. coli

## Stormwater Pollution Prevention Plan (SWPPP)

First Name Middle Initial Last Name: Kevin Griffin

Organization:

Title: NPDES Tech.

Phone: 505-206-8226

Ext.:

Email: ktgriffin@drhorton.com

## Endangered Species Protection

Using the Instructions in Appendix D of the CGP, under which criterion listed in Appendix D are you eligible for coverage under this permit?

Criterion A

Provide a brief summary of the basis for criterion selection listed above (the necessary content for a supportive basis statement is provided under the criterion you selected.):

Per USFWS official list of threatened and endangered species, all threatened and endangered species critical habitat' are outside the project limits.





Are you installing any stormwater controls as described in Appendix E ([https://www.epa.gov/sites/production/files/2017-02/documents/2017\\_cgp\\_final\\_appendix\\_e\\_-\\_historic\\_properties\\_reqs\\_508.pdf](https://www.epa.gov/sites/production/files/2017-02/documents/2017_cgp_final_appendix_e_-_historic_properties_reqs_508.pdf)) that require subsurface earth disturbances? (Appendix E ([https://www.epa.gov/sites/production/files/2017-02/documents/2017\\_cgp\\_final\\_appendix\\_e\\_-\\_historic\\_properties\\_reqs\\_508.pdf](https://www.epa.gov/sites/production/files/2017-02/documents/2017_cgp_final_appendix_e_-_historic_properties_reqs_508.pdf)), Step 1)

Yes

- ➔ Have prior surveys or evaluations conducted on the site already determined historic properties do not exist, or that prior disturbances have precluded the existence of historic properties? (Appendix E ([https://www.epa.gov/sites/production/files/2017-02/documents/2017\\_cgp\\_final\\_appendix\\_e\\_-\\_historic\\_properties\\_reqs\\_508.pdf](https://www.epa.gov/sites/production/files/2017-02/documents/2017_cgp_final_appendix_e_-_historic_properties_reqs_508.pdf)), Step 2):

Yes

#### Certification Information



I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I have no personal knowledge that the information submitted is other than true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. Signing an electronic document on behalf of another person is subject to criminal, civil, administrative, or other lawful action.

**Certified By:** Kevin T. Griffin

**Certifier Title:** NPDES Tech

**Certifier Email:** ktgriffin@drhorton.com

**Certified On:** 01/29/2021 8:23 AM ET