

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:		
	(Cell (optional))	
e-Mail:		
Property Owner Information:		
Company:		
Address:		
Phone:		
e-Mail:		
I am submitting the ESC plan	to obtain approval for:	

Grading Building Permit Work Order Construction Plans

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

Commercial	< 2 acres \$300	2 to 5 acres \$500	>5 acres \$800
Land/Infrastructure	< 5 acres \$300	5 to 40 acres \$500 🗖	>40 acres \$800 🗖
Multi - family	< 5 acres \$500	\geq 5 acres \$800	
Single Family	<5 acres \$500	5 to 40 acres \$1000	> 40 acres \$1500 🗖
Residential			

Plan Review fee is \$105 for the first submittal	and \$75.00 for a resubmittal \square
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Total due equals the plan review fee plus the Stormwater Quality Inspection fee.

Total Due \$_____

If you have questions, please contact Doug Hughes, Stormwater Quality 924-3420, jhughes@cabq.gov

Rev Oct. 2020

NPDES FORM 3510-9



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY WASHINGTON, DC 20460 NOTICE OF INTENT (NOI) FOR THE 2017 NPDES CONSTRUCTION PERMIT

FORM Approved OMB No. 2040-0004

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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: NMR1004EV

State/Territory to which your project/site is discharging: $\underline{\sf NM}$

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)?

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) 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) 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 nonstormwater 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: Raising Cane's Restaurants, LLC Operator Mailing Address: Address Line 1: 6800 Bishop Rd.

Address Line 2:

ZIP/Postal Code: 75024

City: Plano

State: TX

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Operator Point of Contact Information			
First Name Middle Initial Last Name: Robert	Montgomery		
Title: Sr. Director of Property Development			
Phone: 972-769-3357	Ext.:		
Email: RMontgomery@raisingcanes.com			
NOI Preparer Information			
☑ This NOI is being prepared by someone other than	ו the certifier.		
First Name Middle Initial Last Name: Melissa	Singer		
Organization: Merit Professional			
Phone: (972) 415-7363	Ext.:		
Email: msinger@meritprofessional.com			
Project/Site Information			~
Project/Site Name: Raising Cane' s #852 Albuquerque,	NM		
Project/Site Address			
Address Line 1: 4800 Montgomery Blvd. NE			
Address Line 2:		City: Albuquerque	
ZIP/Postal Code: 87109		State: NM	
County or Similar Division: Bernalillo			
Latitude/Longitude: <u>35.1305°N, 106.5884°W</u>			
Latitude/Longitude Data Source: Map		Horizontal Reference Datu	m: <u>NAD 27</u>
Project Start Date: 06/06/2022	Project End Date: 06/06/20	023	Estimated Area to be Disturbed: 1.75
Types of Construction Sites: Commercial 			
Will there be demolition of any structure built or rend	ovated before January 1, 198	30? No	
Was the pre-development land use used for agricultu	ıre? No		
Have earth-disturbing activities commenced on your	project/site? No		
Is your project/site located on federally recognized Ir	ndian Country lands? No		
Is your project/site located on a property of religious	or cultural significance to a	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) No

001: Rio Grande (Tijeras Arroyo to Almeda Bridge)

Latitude/Longitude: 35.130856°N, 106.589488°W

Tier Designation: N/A

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

Impaired Pollutants:

- Dissolved oxygen
- E. coli
- Mercury in fish tissue
- PCB in fish tissue
- Temperature, water deg. centigrade

Has a TMDL been completed for this receiving waterbody? Yes

TMDL ID: 2105 Name: Rio Grande 2105_51 E. Coli TMDL

TMDL Pollutants:

• E. coli

Stormwater Pollution Prevention Plan (SWPPP)

First Name Middle Initial Last Name: Melissa	Singer
Organization:	
Title: Director of Production	
Phone: 972-874-1545	Ext.:
Email: msinger@meritprofessional.com	
Endangered Species Protection	

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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.):

In an existing commercial development

Historic Preservation

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) 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), Step 1) No

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: Robert F. Montgomery

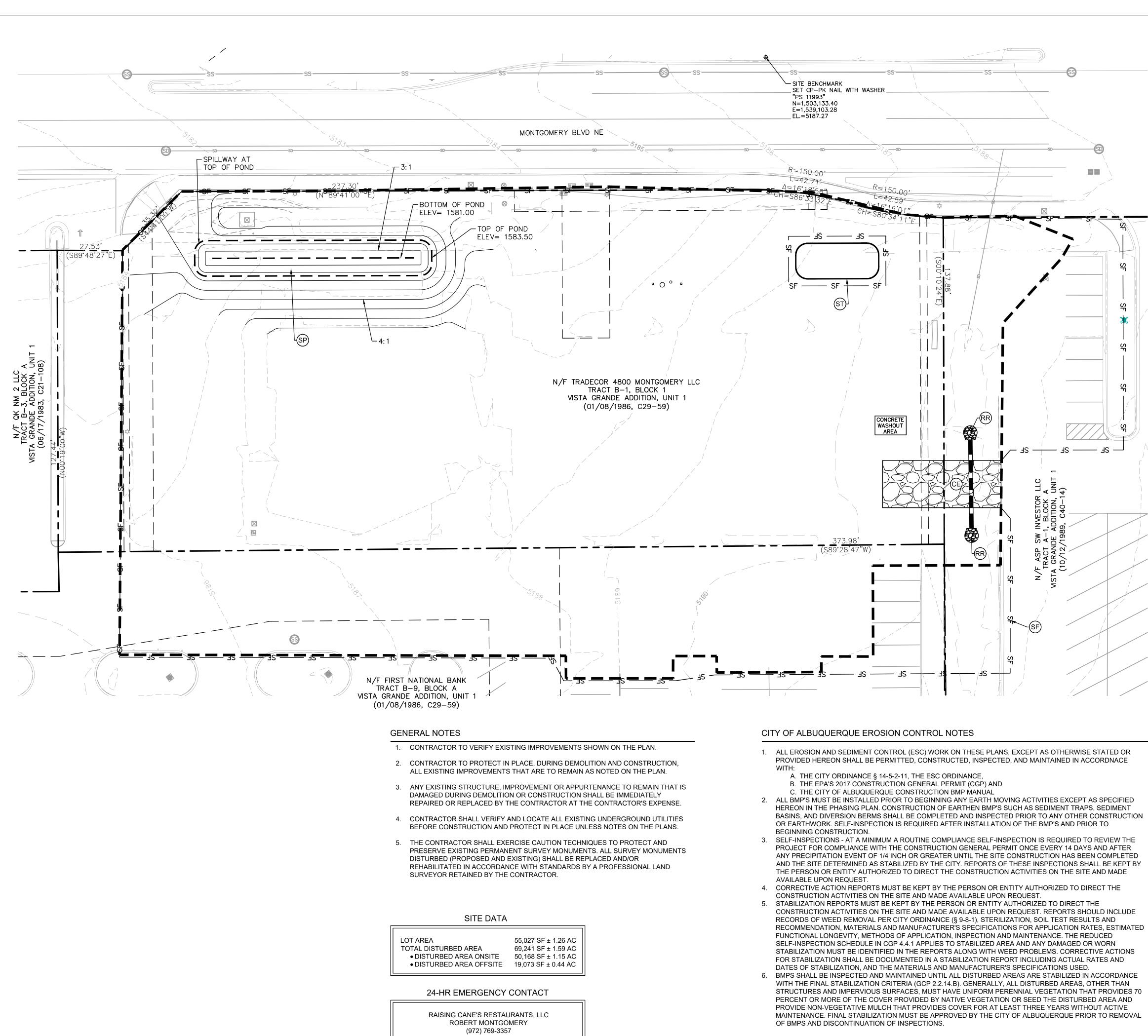
Certifier Title: Director of Property Development

Certifier Email: rmontgomery@raisingcanes.com

Certified On: 12/22/2021 12:22 PM ET

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- 3. SELF-INSPECTIONS AT A MINIMUM A ROUTINE COMPLIANCE SELF-INSPECTION IS REQUIRED TO REVIEW THE PROJECT FOR COMPLIANCE WITH THE CONSTRUCTION GENERAL PERMIT ONCE EVERY 14 DAYS AND AFTER ANY PRECIPITATION EVENT OF 1/4 INCH OR GREATER UNTIL THE SITE CONSTRUCTION HAS BEEN COMPLETED AND THE SITE DETERMINED AS STABILIZED BY THE CITY. REPORTS OF THESE INSPECTIONS SHALL BE KEPT BY THE PERSON OR ENTITY AUTHORIZED TO DIRECT THE CONSTRUCTION ACTIVITIES ON THE SITE AND MADE
- CONSTRUCTION ACTIVITIES ON THE SITE AND MADE AVAILABLE UPON REQUEST. REPORTS SHOULD INCLUDE RECORDS OF WEED REMOVAL PER CITY ORDINANCE (§ 9-8-1), STERILIZATION, SOIL TEST RESULTS AND RECOMMENDATION, MATERIALS AND MANUFACTURER'S SPECIFICATIONS FOR APPLICATION RATES, ESTIMATED FUNCTIONAL LONGEVITY, METHODS OF APPLICATION, INSPECTION AND MAINTENANCE. THE REDUCED SELF-INSPECTION SCHEDULE IN CGP 4.4.1 APPLIES TO STABILIZED AREA AND ANY DAMAGED OR WORN STABILIZATION MUST BE IDENTIFIED IN THE REPORTS ALONG WITH WEED PROBLEMS. CORRECTIVE ACTIONS FOR STABILIZATION SHALL BE DOCUMENTED IN A STABILIZATION REPORT INCLUDING ACTUAL RATES AND
- BMPS SHALL BE INSPECTED AND MAINTAINED UNTIL ALL DISTURBED AREAS ARE STABILIZED IN ACCORDANCE WITH THE FINAL STABILIZATION CRITERIA (GCP 2.2.14.B). GENERALLY, ALL DISTURBED AREAS, OTHER THAN STRUCTURES AND IMPERVIOUS SURFACES, MUST HAVE UNIFORM PERENNIAL VEGETATION THAT PROVIDES 70 PERCENT OR MORE OF THE COVER PROVIDED BY NATIVE VEGETATION OR SEED THE DISTURBED AREA AND PROVIDE NON-VEGETATIVE MULCH THAT PROVIDES COVER FOR AT LEAST THREE YEARS WITHOUT ACTIVE MAINTENANCE. FINAL STABILIZATION MUST BE APPROVED BY THE CITY OF ALBUQUERQUE PRIOR TO REMOVAL



- A. INSTALL PERIMETER BMPs INCLUDING THE CONSTRUCTION ENTRANCE/EXIT, SWPPP SIGNAGE, SILT FENCE, AND ALL OTHER NECESSARY BMPs ACCORDING TO THE LOCATION SHOWN ON THE EROSION CONTROL PLAN. CLEAR ONLY THE MINIMUM AREA REQUIRED
- TO INSTALL BMPs. B. SET THE PROJECT OFFICE TRAILER AND PREPARE TEMPORARY
- PARKING AND STORAGE AREAS. C. DENOTE DATES OF BMP INSTALLATION AND MAINTENANCE ON
- SITE-MAPS.
- D. BEGIN DEMOLITION AND CLEARING OF THE SITE. E. STABILIZATION OF DISTURBED AREAS MUST BE INITIATED WHENEVER CLEARING, GRADING, OR EARTH DISTURBING ACTIVITIES HAVE CEASED ON ANY PORTION OF THE SITE, OR TEMPORARILY CEASED AND WILL NOT RESUME WITHIN 14 DAYS PER GENERAL PERMIT REQUIREMENTS.

PHASE 2 - GRADING

- A. ENSURE APPROPRIATE BMPs ARE IN PLACE DOWNSTREAM OF SITE WORK OR WHERE RUNOFF MAY EXIT THE SITE. B. BEGIN GRADING THE SITE.
- C. SEED AND RE-VEGETATE SLOPES AS AREAS ARE BROUGHT TO GRADE OR STOCKPILES THAT WILL REMAIN INACTIVE FOR 14 DAYS PER GENERAL PERMIT REQUIREMENTS.

PHASE 3 - UTILITIES

- A. KEEP ALL STORM WATER POLLUTION PREVENTION MEASURES IN PLACE.
- B. INSTALL UTILITIES, STORM DRAINS, CURB AND GUTTERS. C. INSTALL INLET PROTECTION AS SPECIFIED ON PLAN SHEETS AS STORM STRUCTURES ARE INSTALLED.
- D. TEMPORARILY STABILIZE, THROUGHOUT CONSTRUCTION, ANY DISTURBED AREAS THAT ARE LIKELY TO REMAIN INACTIVE FOR 14 DAYS.

PHASE 4 - PAVING

- A. KEEP ALL STORM WATER POLLUTION PREVENTION MEASURES IN PLACE.
- B. STABILIZE SUBGRADE. C. PAVE PARKING LOT AND SIDEWALKS AS SPECIFIED ON PLAN SHEETS.
- PHASE 5 LANDSCAPING AND DEVELOPMENT
- A. INSTALL LANDSCAPING PER THE LANDSCAPE PLANS AND DETAILS.
- B. REMOVE EROSION CONTROL DEVICES WHEN FINAL STABILIZATION IS ACHIEVED PER THE TPDES GENERAL PERMIT.

CAUTION!! CONTRACTOR IS TO VERIFY PRESENCE AND EXACT LOCATION OF ALL UTILITIES PRIOR TO CONSTRUCTION.

C. STABILIZE ANY AREAS DISTURBED BY REMOVAL OF BMPs.



REVISIONS: 80% REVIEW SET 11/12/2021 1ST BLDG SUBMITTAL 11/30/2021 12/20/2021 1ST BLDG RESUBMITTAL 2ND BLDG RESUBMITTAL 01/17/2022 Sheet Title: **EROSION CONTROL** PLAN PH. I Date: 03.09.2022 Project Number: 090042000 Drawn By:

Prototype Issue Date:

Kitchen Issue Date:

Design Bulletin Updates:

Date Issued: Bulletin Number:

2ND BLDG. RESUBMITTAL

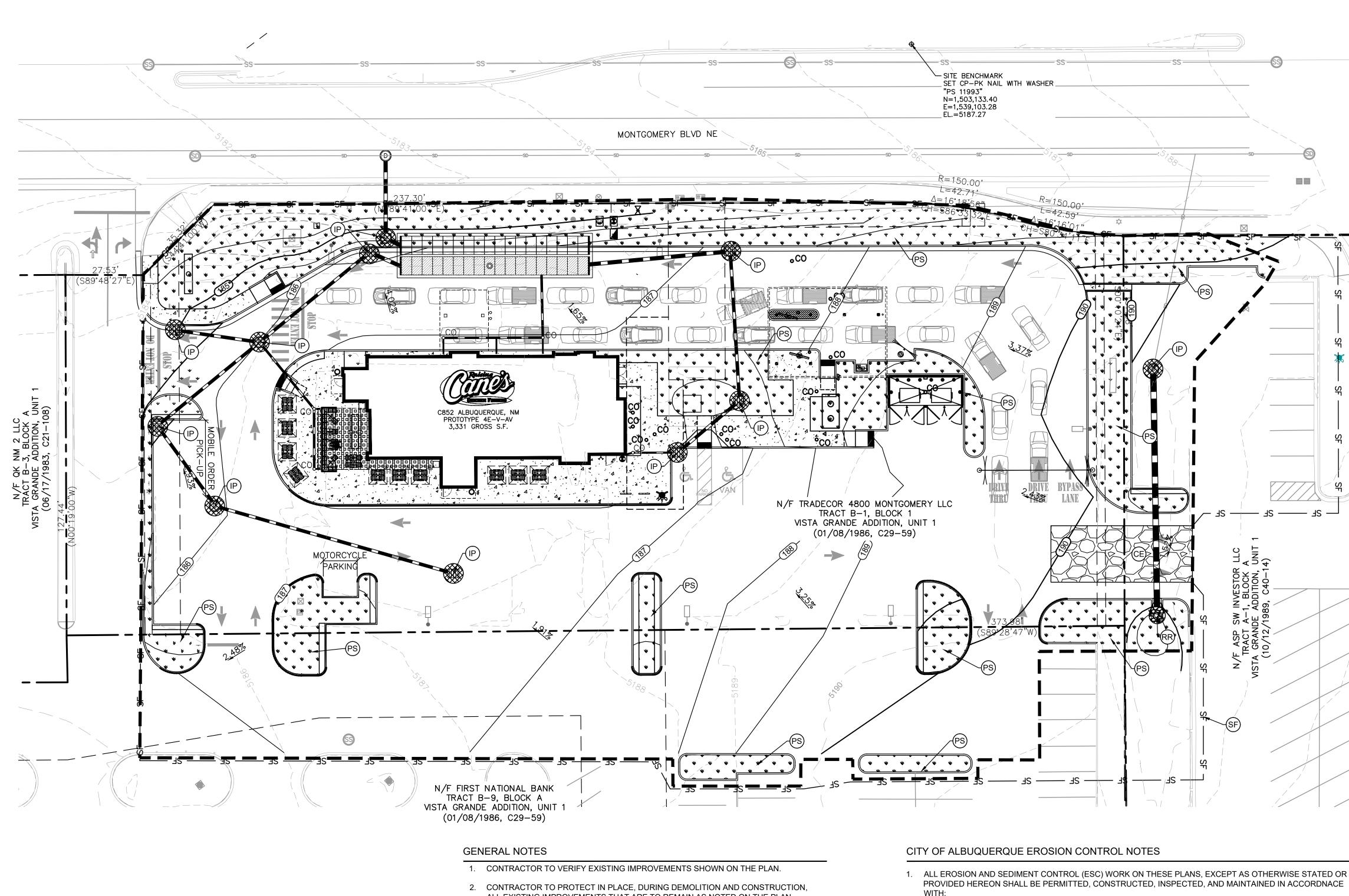
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LW/LN

10.04.2021

08.02.2021



- BEFORE CONSTRUCTION AND PROTECT IN PLACE UNLESS NOTES ON THE PLANS.

SITE DATA

LOT AREA	
TOTAL DISTURBED AREA	
 DISTURBED AREA ONSITE 	
 DISTURBED AREA OFFSITE 	

24-HR EMERGENCY CONTACT

RAISING CANE'S RESTAURANTS, LLC ROBERT MONTGOMERY (972) 769-3357

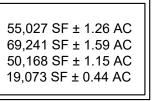
ALL EXISTING IMPROVEMENTS THAT ARE TO REMAIN AS NOTED ON THE PLAN.

3. ANY EXISTING STRUCTURE, IMPROVEMENT OR APPURTENANCE TO REMAIN THAT IS DAMAGED DURING DEMOLITION OR CONSTRUCTION SHALL BE IMMEDIATELY REPAIRED OR REPLACED BY THE CONTRACTOR AT THE CONTRACTOR'S EXPENSE.

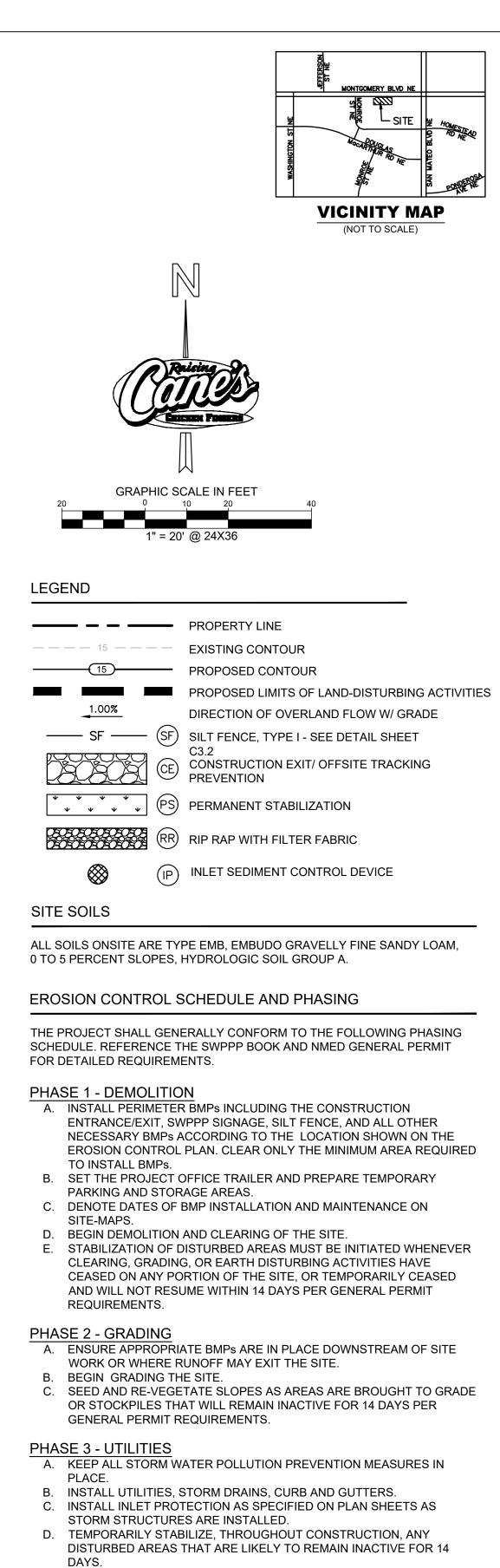
4. CONTRACTOR SHALL VERIFY AND LOCATE ALL EXISTING UNDERGROUND UTILITIES

5. THE CONTRACTOR SHALL EXERCISE CAUTION TECHNIQUES TO PROTECT AND PRESERVE EXISTING PERMANENT SURVEY MONUMENTS. ALL SURVEY MONUMENTS DISTURBED (PROPOSED AND EXISTING) SHALL BE REPLACED AND/OR

REHABILITATED IN ACCORDANCE WITH STANDARDS BY A PROFESSIONAL LAND SURVEYOR RETAINED BY THE CONTRACTOR.



- PROVIDED HEREON SHALL BE PERMITTED, CONSTRUCTED, INSPECTED, AND MAINTAINED IN ACCORDNACE
 - A. THE CITY ORDINANCE § 14-5-2-11, THE ESC ORDINANCE,
 - B. THE EPA'S 2017 CONSTRUCTION GENERAL PERMIT (CGP) AND C. THE CITY OF ALBUQUERQUE CONSTRUCTION BMP MANUAL
- 2. ALL BMP'S MUST BE INSTALLED PRIOR TO BEGINNING ANY EARTH MOVING ACTIVITIES EXCEPT AS SPECIFIED HEREON IN THE PHASING PLAN. CONSTRUCTION OF EARTHEN BMP'S SUCH AS SEDIMENT TRAPS, SEDIMENT BASINS, AND DIVERSION BERMS SHALL BE COMPLETED AND INSPECTED PRIOR TO ANY OTHER CONSTRUCTION OR EARTHWORK. SELF-INSPECTION IS REQUIRED AFTER INSTALLATION OF THE BMP'S AND PRIOR TO
- BEGINNING CONSTRUCTION. 3. SELF-INSPECTIONS - AT A MINIMUM A ROUTINE COMPLIANCE SELF-INSPECTION IS REQUIRED TO REVIEW THE PROJECT FOR COMPLIANCE WITH THE CONSTRUCTION GENERAL PERMIT ONCE EVERY 14 DAYS AND AFTER ANY PRECIPITATION EVENT OF 1/4 INCH OR GREATER UNTIL THE SITE CONSTRUCTION HAS BEEN COMPLETED AND THE SITE DETERMINED AS STABILIZED BY THE CITY. REPORTS OF THESE INSPECTIONS SHALL BE KEPT BY THE PERSON OR ENTITY AUTHORIZED TO DIRECT THE CONSTRUCTION ACTIVITIES ON THE SITE AND MADE AVAILABLE UPON REQUEST.
- 4. CORRECTIVE ACTION REPORTS MUST BE KEPT BY THE PERSON OR ENTITY AUTHORIZED TO DIRECT THE CONSTRUCTION ACTIVITIES ON THE SITE AND MADE AVAILABLE UPON REQUEST.
- 5. STABILIZATION REPORTS MUST BE KEPT BY THE PERSON OR ENTITY AUTHORIZED TO DIRECT THE CONSTRUCTION ACTIVITIES ON THE SITE AND MADE AVAILABLE UPON REQUEST. REPORTS SHOULD INCLUDE RECORDS OF WEED REMOVAL PER CITY ORDINANCE (§ 9-8-1), STERILIZATION, SOIL TEST RESULTS AND RECOMMENDATION, MATERIALS AND MANUFACTURER'S SPECIFICATIONS FOR APPLICATION RATES, ESTIMATED FUNCTIONAL LONGEVITY, METHODS OF APPLICATION, INSPECTION AND MAINTENANCE. THE REDUCED SELF-INSPECTION SCHEDULE IN CGP 4.4.1 APPLIES TO STABILIZED AREA AND ANY DAMAGED OR WORN STABILIZATION MUST BE IDENTIFIED IN THE REPORTS ALONG WITH WEED PROBLEMS. CORRECTIVE ACTIONS FOR STABILIZATION SHALL BE DOCUMENTED IN A STABILIZATION REPORT INCLUDING ACTUAL RATES AND DATES OF STABILIZATION, AND THE MATERIALS AND MANUFACTURER'S SPECIFICATIONS USED.
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PHASE 4 - PAVING

A. KEEP ALL STORM WATER POLLUTION PREVENTION MEASURES IN PLACE.

B. STABILIZE SUBGRADE.

C. PAVE PARKING LOT AND SIDEWALKS AS SPECIFIED ON PLAN SHEETS. PHASE 5 - LANDSCAPING AND DEVELOPMENT

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PRIOR TO CONSTRUCTION.

C. STABILIZE ANY AREAS DISTURBED BY REMOVAL OF BMPs

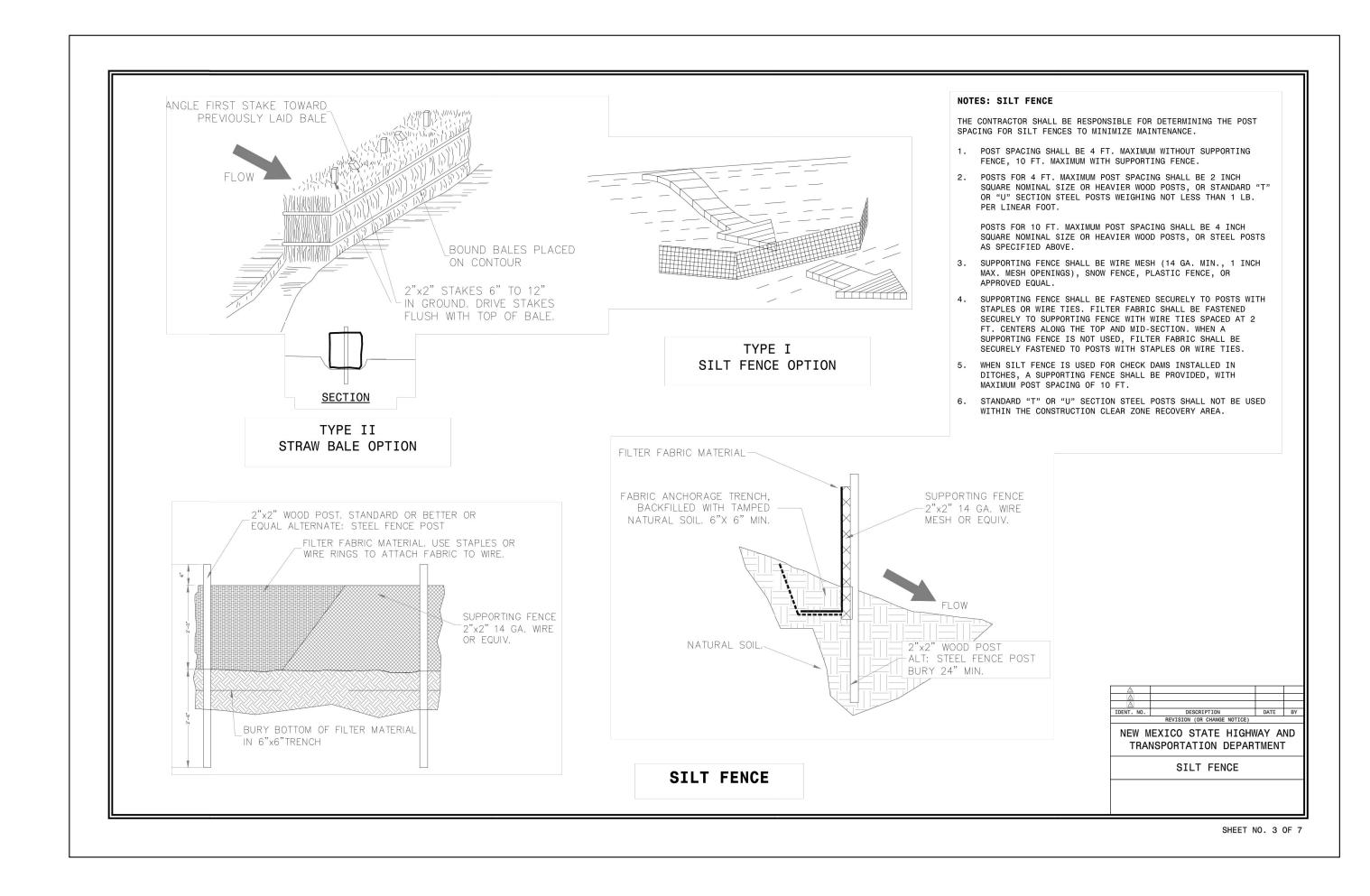


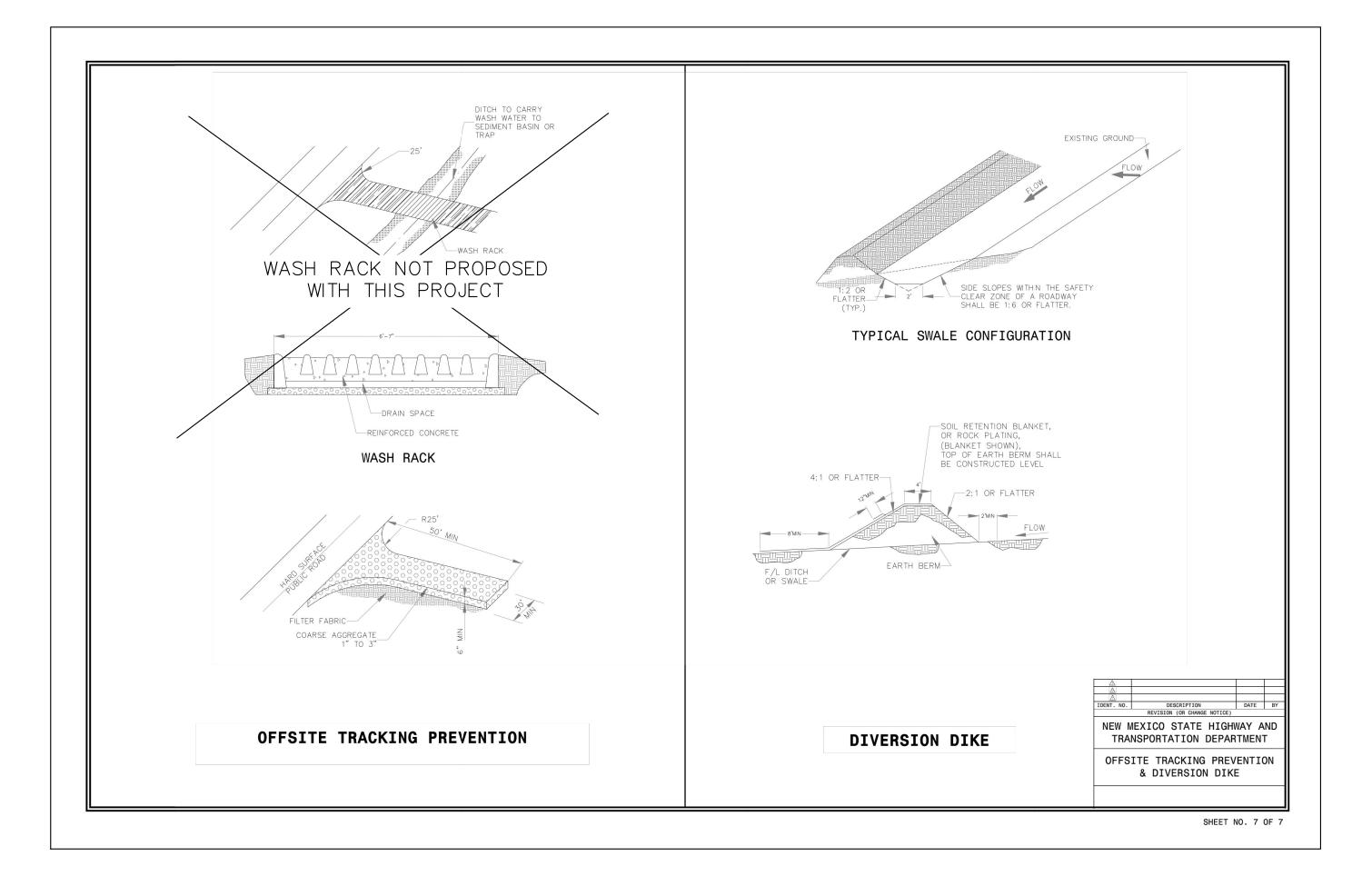
Montgomery & San Mateo ALBUQUERQUE, NM 87112 **Restaurant #RC852** P4E-V-AV SCHEME A Engineer's Information: © 2022 KIMLEY-HORN AND ASSOCIATES, INC. 13455 Noel Road Two Galleria Office Tower Suite 700 Dallas, TX 75240 CONTACT: LAUREN NUFFER, P.E (972) 770-1300 LAUREN.NUFFER@KIMLEY-HORN.CC LIZ WILLMOT, P.E. LIZ.WILLMOT@KIMLEY-HORN.COM Professional of Record: Prototype : P4E-V-AV 2021- 2.0 RELEASE 10.04.2021 Prototype Issue Date: Kitchen Issue Date: 08.02.2021 Design Bulletin Updates: Date Issued: Bulletin Number: 2ND BLDG. RESUBMITTAL REVISIONS: 80% REVIEW SET 11/12/2021 11/30/2021 1ST BLDG SUBMITTAL 12/20/2021 ST BLDG RESUBMITTAL 2ND BLDG RESUBMITTAL 01/17/2022 Sheet Title: **EROSION CONTROL** PLAN PH. II

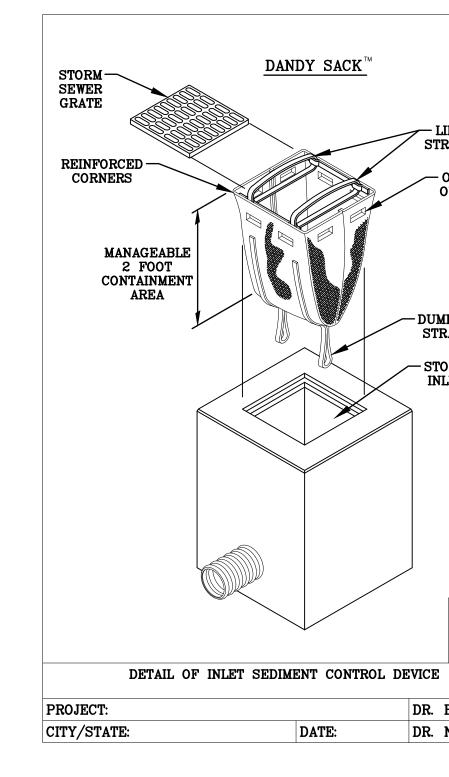
Date:	03.09.2022
Project Number:	090042000
Drawn By:	LW/LN

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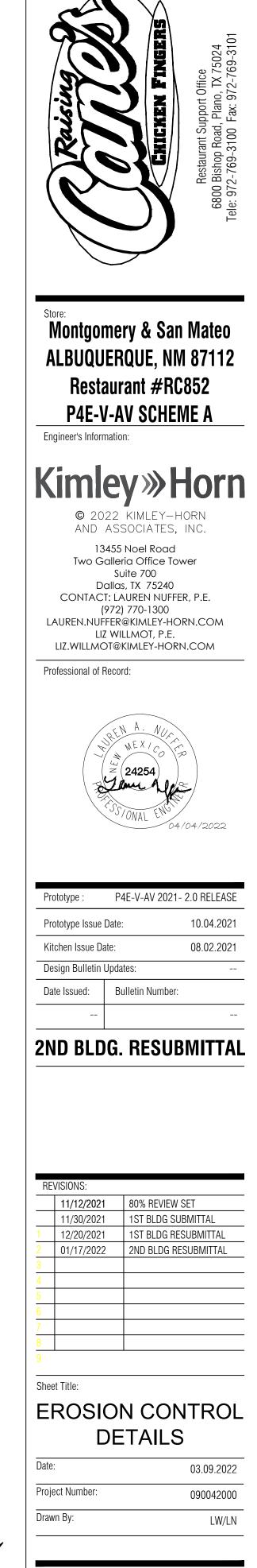
3.







Grab Tensile Elongation ASTM D 4632 % 15 x 15 Puncture Strength ASTM D 4833 kN (lbs) 0.67 (15) Mullen Burst Strength ASTM D 3786 kPa (psi) 5506 (80) Trapezoid Tear Strength ASTM D 4533 kN (lbs) 0.67 (150) x 0. UV Resistence ASTM D 4355 % 90 Apparent Opening Size ASTM D 4751 Mm (US Std Sieve) 0.425 (4 Flow Rate ASTM D 4491 1/min/m² (gal/min/ft²) 2852 (70) S HI-FLOW DANDY SACK™ (SAFETY ORANGE) Sec ⁻¹ 0.90 Grab Tensile Strength ASTM D 4632 % 24 X 10 Grab Tensile Elongation ASTM D 4632 % 24 X 10 Puncture Strength ASTM D 4632 % 24 X 10 Grab Tensile Elongation ASTM D 4632 % 24 X 10 Puncture Strength ASTM D 4633 kN (lbs) 0.40 (90) Mullen Burst Strength ASTM D			NDY SACKTM	
REFLOW Incode Interference Data Strength ASTM D 4632 KN Mark Grab Tensile Elongation ASTM D 4632 % 1.78 (400) x 1. Grab Tensile Elongation ASTM D 4632 % 1.57 15 15 Multen Burst Strength ASTM D 4833 kN (bs) 0.67 (15) x 16 Multen Burst Strength ASTM D 4533 kN (bs) 0.67 (15) x 0. 0. UV Resistence ASTM D 4355 % 90 Apparent Opening Size ASTM D 4491 1/min/m² (gal/min/ft²) 2852 (7) Permittivity ASTM D 4491 1/min/m² (gal/min/ft²) 2852 (7) 0.90 HI-FLOW DANDY SACK™ (SAFETY ORANGE) Mechanical Properties Test Method Units MARV Grab Tensile Strength ASTM D 4632 kN (bs) 0.51 (115) x 0. Grab Tensile Strength ASTM D 4632 kN (bs) 0.4090 Mulen Burst Strength		DANDY SACK™ WILL BE M.	ANUFACTURED IN THE U.S.A	
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Grab Tensile Elongation ASTM D 4632 % 15 x 15 Puncture Strength ASTM D 4833 kN (lbs) 0.67 (15 Mullen Burst Strength ASTM D 4533 kN (lbs) 0.67 (150) x 0. UV Resistence ASTM D 4433 kN (lbs) 0.67 (150) x 0. UV Resistence ASTM D 44355 % 90 Apparent Opening Size ASTM D 4751 Mm (US Std Sieve) 0.425 (4 Flow Rate ASTM D 4491 1/min/m² (gal/min/ft²) 2852 (71 Permittivity ASTM D 4491 Sec ⁻¹ 0.90 HI-FLOW DANDY SACK™ (SAFETY ORANGE) Mechanical Properties Test Method Units MARV Grab Tensile Strength ASTM D 4632 kN (lbs) 1.62 (365) x 0. Grab Tensile Elongation ASTM D 4632 kN (lbs) 0.40 (90 Mulen Burst Strength ASTM D 4533 kN (lbs) 0.51 (115) x 0. UV Resistence ASTM D 44391 1/min/m² (gal/min/ft²) 2907 (45 Tropezoid Tear Strength ASTM D 4533 kN (lbs) 0.51 (115) x 0. UV Resistence ASTM D 44391 1/min/m² (gal/min/ft²) 5907 (14 Permittivity ASTM D 4533 kN (lbs) 0.51 (115) x 0. Apparent Opening Size ASTM D 4491 1/min/m² (gal/min/ft²) 5907 (14 Permittivity ASTM D 4491 1 Sec ⁻¹ 2.1	Mechanical Propertie	S Test Method	Units	MARV
Mullen Burst Strength ASTM D 3786 kPa (psi) 5506 (80 Trapezoid Tear Strength ASTM D 4353 kN (lbs) 0.67 (150) x 0. UV Resistence ASTM D 4355 % 90 Apparent Opening Size ASTM D 4491 1/min/m² (gol/min/ft²) 2852 (7t Permittivity ASTM D 4491 1/min/m² (gol/min/ft²) 2852 (7t Permittivity ASTM D 4491 Sec ⁻¹ 0.90 HI-FLOW DANDY SACK™ (SAFETY ORANGE) Marv Sec ⁻¹ 0.90 Mullen Burst Strength ASTM D 4632 kN (lbs) 1.62 (365) X 0. Grab Tensile Strength ASTM D 4632 % 24 X 11 Puncture Strength ASTM D 4632 % 24 X 11 Puncture Strength ASTM D 4632 % 24 X 11 Puncture Strength ASTM D 4632 % 24 X 11 Puncture Strength ASTM D 4632 % 90 0.425 (4 Mullen Burst Strength ASTM D 4533 kN (lbs) 0.51 (115) X 0 90				1.78 (400) × 1.40 (315) 15 × 15
UV Resistence ASTM D 4355 % 90 Apparent Opening Size ASTM D 44751 Mm (US Std Sieve) 0.425 (4 Flow Rate ASTM D 4491 1/min/m² (gal/min/ft²) 2852 (7) Permittivity ASTM D 4491 1/min/m² (gal/min/ft²) 2852 (7) HI-FLOW DANDY SACK™ (SAFETY ORANGE) Sec ⁻¹ 0.90 Mechanical Properties Test Method Units MARV Grab Tensile Strength ASTM D 4632 kN (lbs) 1.62 (365) X 0. Grab Tensile Strength ASTM D 4632 % 24 X 11 Puncture Strength ASTM D 4833 kN (lbs) 0.40 (90) Mullen Burst Strength ASTM D 4833 kN (lbs) 0.51 (115) X 0 UV Resistence ASTM D 4751 Mm (US Std Sieve) 0.425 (4 Flow Rate ASTM D 4751 Mm (US Std Sieve) 0.425 (4 Apparent Opening Size ASTM D 4491 1/min/m² (gal/min/ft²) 5907 (14 Permittivity ASTM D 4491 Sec ⁻¹ 2.1 *Note: All Dandy Sacks™ can be ordered with our optional oil absorbent pillows	Mullen Burst Strengt	th ASTM D 3786	kPa (psi)	0.67 (150) 5506 (800)
G HI-FLOW DANDY SACK™ (SAFETY ORANGE) HI-FLOW DANDY SACK™ (SAFETY ORANGE) Mechanical Properties Test Method Units MARV Grab Tensile Strength ASTM D 4632 kN (lbs) 1.62 (365) X 0. Grab Tensile Elongation ASTM D 4632 % 24 X 10 Puncture Strength ASTM D 4833 kN (lbs) 0.40 (90 Mullen Burst Strength ASTM D 3786 kPa (psi) 3097 (45 Trapezoid Tear Strength ASTM D 4533 kN (lbs) 0.51 (115) X 0 UV Resistence ASTM D 4355 % 90 Apparent Opening Size ASTM D 4491 1/min/m² (gal/min/ft²) 5907 (14 Permittivity ASTM D 4491 1/min/m² (gal/min/f	UV Resistence Apparent Opening Si	ASTM D 4355	% Mm (US Std Sieve)	90 0.425 (40)
HI-FLOW DANDY SACK™ (SAFETY ORANGE) Mechanical Properties Test Method Units MARV Grab Tensile Strength ASTM D 4632 kN (lbs) 1.62 (365) X 0. Grab Tensile Elongation ASTM D 4632 % 24 X 10 Puncture Strength ASTM D 4633 kN (lbs) 0.40 (90) Mullen Burst Strength ASTM D 4533 kN (lbs) 0.51 (115) X 0 UV Resistence ASTM D 4535 % 90 Apparent Opening Size ASTM D 4491 1/min/m² (gal/min/ft²) 5907 (14 Permittivity ASTM D 4491 Sec ⁻¹ 2.1 *Note: All Dandy Sacks™ can be ordered with our optional oil absorbent pillows	Flow Rate Permittivity		1/min/m²(gal/min/ft²)	2852 (70) 0.90
Mechanical Properties Test Method Units MARV Grab Tensile Strength ASTM D 4632 kN (lbs) 1.62 (365) X 0. Grab Tensile Elongation ASTM D 4632 % 24 X 10 Puncture Strength ASTM D 4833 kN (lbs) 0.040 (90 Mullen Burst Strength ASTM D 4786 kPa (psi) 3097 (45 Trapezoid Tear Strength ASTM D 44533 kN (lbs) 0.51 (115) X 0 UV Resistence ASTM D 44533 kN (lbs) 0.61 (115) X 0 UV Resistence ASTM D 4455 % 90 Apparent Opening Size ASTM D 4491 1/min/m² (gal/min/ft²) 5907 (14 Flow Rate ASTM D 4491 1/min/m² (gal/min/ft²) 5907 (14 Permittivity ASTM D 4491 Sec ⁻¹ 2.1 *Note: All Dandy Sacks™ can be ordered with our optional oil absorbent pillows		(CAFETY ODANOE)		
Grab Tensile Strength ASTM D 4632 kN (lbs) 1.62 (365) X 0. Grab Tensile Elongation ASTM D 4632 % 24 X 10 Puncture Strength ASTM D 4833 kN (lbs) 0.40 (90 Mullen Burst Strength ASTM D 3786 kPa (psi) 3097 (45 Trapezoid Tear Strength ASTM D 4533 kN (lbs) 0.51 (115) X 0 UV Resistence ASTM D 4355 % 90 Apparent Opening Size ASTM D 4491 1/min/m² (gal/min/ft²) 5907 (14 Permittivity ASTM D 4491 Sec ⁻¹ 2.1 *Note: All Dandy Sacks™ can be ordered with our optional oil absorbent pillows		<u>.</u>	Unito	MADV
Grab Tensile Elongation ASTM D 4632 % 24 X 10 Puncture Strength ASTM D 4833 kN (lbs) 0.40 (90 Mullen Burst Strength ASTM D 3786 kPa (psi) 3097 (45 Trapezoid Tear Strength ASTM D 4533 kN (lbs) 0.51 (115) X 0 UV Resistence ASTM D 4555 % 90 Apparent Opening Size ASTM D 4751 Mm (US Std Sieve) 0.425 (4 Flow Rate ASTM D 4491 1/min/m² (gal/min/ft²) 5907 (14 Permittivity ASTM D 4491 Sec -1 2.1 *Note: All Dandy Sacks™ can be ordered with our optional oil absorbent pillows				
Mullen Burst Strength ASTM D 3786 kPa (psi) 3097 (45) Trapezoid Tear Strength ASTM D 4533 kN (lbs) 0.51 (115) X 0 UV Resistence ASTM D 4355 % 90 Apparent Opening Size ASTM D 4751 Mm (US Std Sieve) 0.425 (4) Flow Rate ASTM D 4491 1/min/m² (gal/min/ft²) 5907 (14) Permittivity ASTM D 4491 Sec -1 2.1 *Note: All Dandy Sacks™ can be ordered with our optional oil absorbent pillows	Grab Tensile Elongati	ion ASTM D 4632	%	1.62 (365) X 0.89 (200) 24 X 10
Apparent Opening Size ASTM D 4751 Mm (US Std Sieve) 0.425 (4 Flow Rate ASTM D 4491 1/min/m² (gal/min/ft²) 5907 (14 Permittivity ASTM D 4491 Sec ⁻¹ 2.1 *Note: All Dandy Sacks™ can be ordered with our optional oil absorbent pillows ANNIDE X 9	Mullen Burst Strengt Trapezoid Tear Streng	th ASTM D 3786	kPa (psi) kN (lbs)	3097 (450)
Permittivity ASTM D 4491 Sec ⁻¹ 2.1 *Note: All Dandy Sacks™ can be ordered with our optional oil absorbent pillows	Apparent Opening Si	ze ASTM D 4751	Mm (US Std Sieve)	0.425 (40)
			Sec ⁻¹	



NOTE: CITY OF ALBUQUERQUE DETAILS TAKE PRECEDENCE IN CITY R.O.W. AND EASEMENTS





C3.2

Sheet Number: