

C&D STORAGE

423 WYOMING BLVD SE

TEMPORARY EROSION AND SEDIMENT CONTROL PLAN

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SCAN OR CLICK FOR DETAILED SITE INFORMATION



VIEW ONLY DOCUMENTS AND INSPECTIONS



GPS COORDINATES: 35.0683, -106.5514

 11/11/20021 CPESC Stamp	C&D STORAGE		PROJECT TITLE
	ALBUQUERQUE, NM, BERNALILLO COUNTY		CITY, COUNTY, STATE
	11/11/2021	DATE	
	C. DURKIN	DRAWN BY	



STORMWATER POLLUTION PREVENTION PLAN INFORMATION

PERMIT NUMBER: NMR1004BT

NMR100000 STATE OF NEW MEXICO, EXCEPT INDIAN COUNTRY  
NMR10I000 INDIAN COUNTRY WITHIN THE STATE OF NEW MEXICO, EXCEPT NAVAJO RESERVATION LANDS THAT ARE COVERED UNDER ARIZONA PERMIT AZR10I000 AND UTE MOUNTAIN RESERVATION LANDS THAT ARE COVERED UNDER COLORADO PERMIT COR10I000.

OPERATOR NAME: C&D LAND CORP

OPERATOR POINT OF CONTACT: CHRIS DIJULIO CHRIS@LINCMOVE.COM

NOI PREPARED BY: INSPECTIONS PLUS

PROJECT/SITE NAME: C&D STORAGE



PROJECT/SITE ADDRESS: 423 WYOMING BLVD SE

LATITUDE	35.0683
LONGITUDE	-106.5514
ESTIMATED PROJECT START DATE	11/23/2021
ESTIMATED PROJECT COMPLETION DATE	07/01/2022
ESTIMATED AREA TO BE DISTURBED	1.5 ACRES
TYPE OF CONSTRUCTION	COMMERCIAL
DEMOLITION OF ANY STRUCTURES, 10,000 SQ FT OF GREATER BUILT OR RENOVATED BEFORE JANUARY 1, 1980?	NO
WAS THE PREDEVELOPMENT LAND USED FOR AGRICULTURE?	NO
COMMENCED EARTH DISTURBING ACTIVITIES?	NO
DISCHARGE TO MS4? MS4 NAME?	NO- ON SITE RETENSION
SURFACE WATERS WITHIN 50FT?	NO
RECEIVING WATER?	ONSITE PONDS
IS RECEIVING WATER IMPAIRED? TIER DESIGNATION	N/A
WHAT ARE THE IMPAIRMENTS, IF ANY?	N/A

SWPPP CONTACT INFORMATION: CHRIS DIJULIO CHRIS@LINCMOVE.COM  
ENDANGERED SPECIES CRITERIA: CRITERION "A"; NO CRITICAL HABITATS WITHIN PROJECT AREA  
HISTORIC PRESERVATION CRITERIA: CRITERION "A" - PREVIOUS SURVEYS

EROSION CONTOL NOTES  
ESC Plan Standard Notes (2021-03-24)

- 1.All Erosion and Sediment Control (ESC) work on these plans, except as otherwise stated or provided hereon shall be permitted, constructed, inspected, and maintained in accordance with:
- 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 BMPs 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.
- 6.BMPs shall be inspected and maintained until all disturbed areas are stabilized in accordance with the Final Stabilization Criteria (CGP 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 of BMPs and discontinuation of inspections.

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SEDIMENT TRACK OUT CONTROL



- BMP Objectives**
- Sediment Control

SILT FENCE



- BMP Objectives**
- Sediment Control
  - Sheet Flow Runoff Control
  - Wind Erosion Control

INLET PROTECTION



- BMP Objectives**
- Sediment Control
  - Sheet Flow Runoff Control
  - Wind Erosion Control

BERMS AND SWALES



- BMP Objectives**
- Runoff Control
  - Run-on Diversion

MULCH SOCK/STRAW WATTLE



- BMP Objectives**
- Sediment Control
  - Reduce Runoff Velocity
  - Inlet Protection

LEGEND

TEMPORARY EROSION AND SEDIMENT CONTROL PLAN

- PP-PP-PP-

PROJECT PERIMETER
- MS-MS-MS-



MULCH SOCK
- Ⓢ

POSTING SIGN
- ⊗

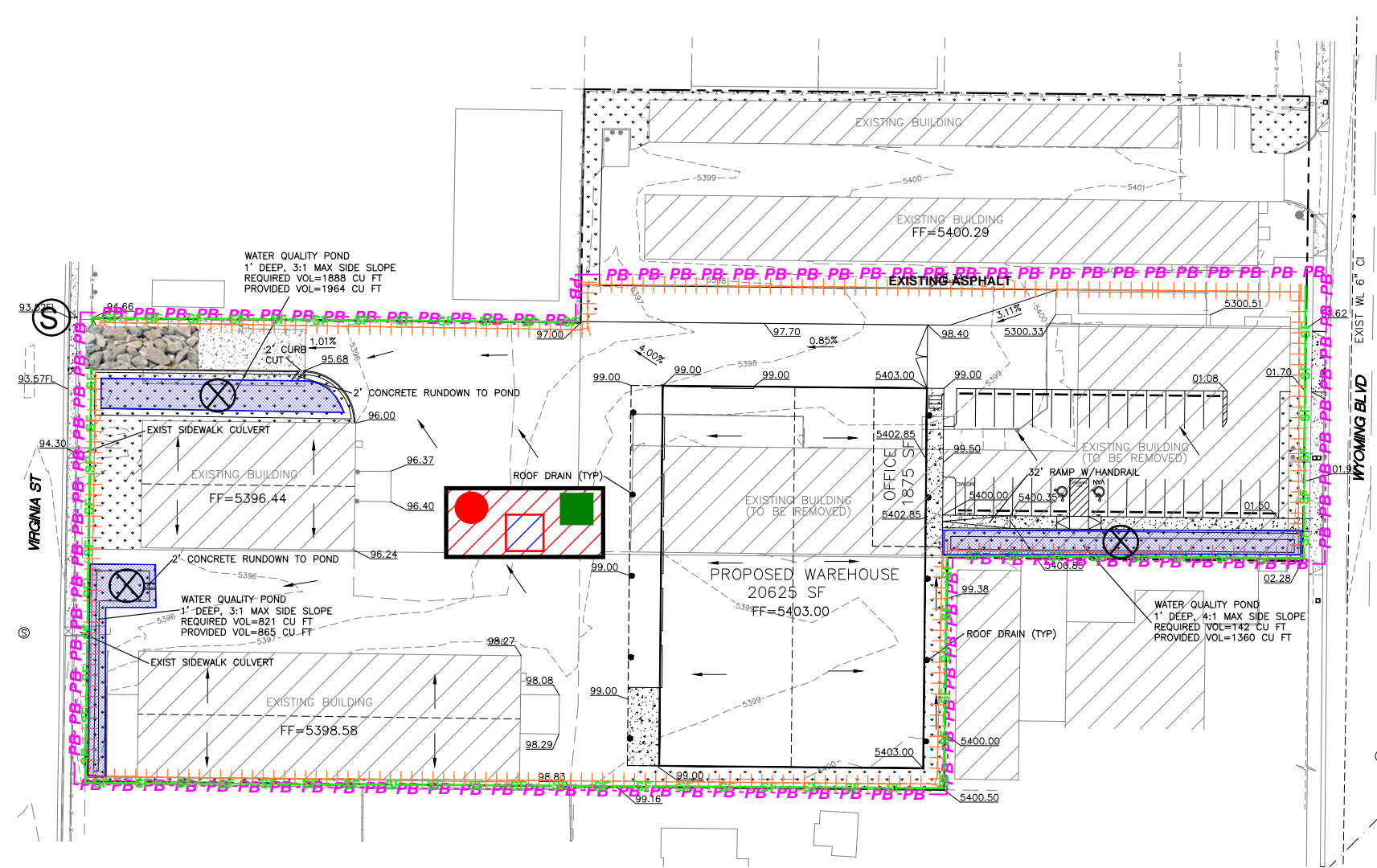
OUTFALL
- STAGING AREA
- ←

FLOW DIRECTION
- SF-SF-SF-SF

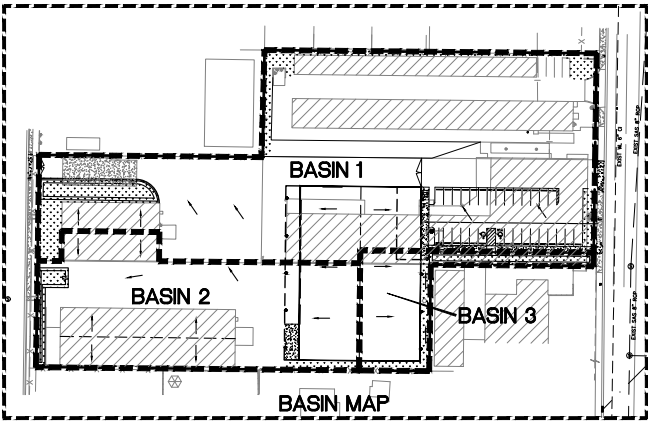
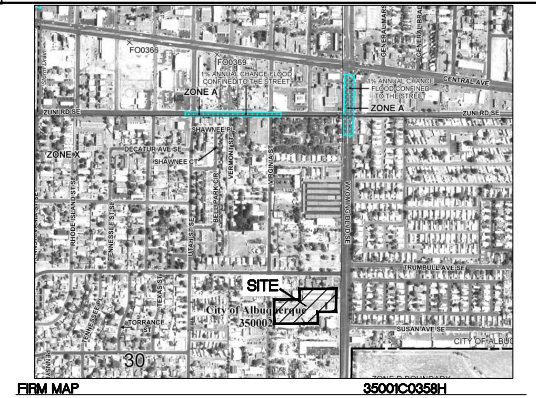
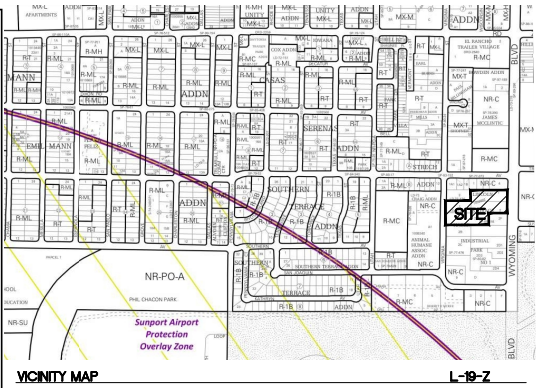
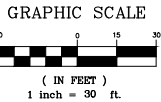
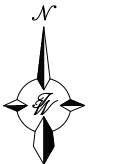
SILT FENCE
- DEBRIS CONTAINMENT
- CHEMICAL TOILET
- CONCRETE WASHOUT
- STABILIZED CONTRUCTION ENTRANCE
- TEMPORARY SEDIMENT POND

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SITE WILL HAVE PERIMETER SILT FENCE WITH MULCH SOCKS AT THE BASE DUE TO SITE PAVING. STAGING AREA IS REPRESENTATIVE AND MAY BE MOVED TO ACCOMODATE PROJECT



SCHEDULE/SEQUENCING OF CONSTRUCTION

1. POST PERMITS
2. INSTALL REQUIRED BMPs
  - 2.a. PERIMETER CONTROLS
  - 2.b. STABILIZED CONSTRUCTION ENTRANCE
  - 2.c. CONCRETE WASHOUT AREA
3. TEMP POND
4. EARTHWORK AND GRADING
5. UTILITY INSTALLATION
6. PAVEMENT STRUCTURES
7. VERTICAL STRUCTURES
8. LANDSCPING
9. PUNCHLIST

SITE OPERATORS:

C&D LAND CORP CHRIS DIJULIO

WILGER ENTERPRISES - SCOT MCLELLAND  
505-345-2854

STORMWATER TEAM

A: REMOVE SEDIMENT FROM ADJACENT STREETS:  
INSPECTIONS PLUS

B: BMP MAINTENANCE: INSPECTIONS PLUS

C. SITE INSPECTIONS: INSPECTIONS PLUS

Weighted E Method

On-Site Basins												
Basin	Area (sf)	Area (acres)	Treatment A		Treatment B		Treatment C		Treatment D		100-Year Weighted E (in)	10-Year Weighted E (in)
			%	(acres)	%	(acres)	%	(acres)	%	(acres)	Volume (ac-ft)	Flow cfs
1	94,768	2.18	0%	0	8%	0.17	0%	0.00	92%	2.00	2.442	9.42
2	39,990	0.92	0%	0	5%	0.05	0%	0.00	95%	0.87	2.494	4.03
3	10,740	0.25	0%	0	41%	0.10	0%	0.00	59%	0.15	1.875	0.90

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)	Excess Precipitation, E (inches)			Peak Discharge (cfs/acre)		
	Zone 3	100-Year	10 - Year	Zone 3	100-Year	10 - Year
Volume = Weighted D * Total Area	$E_a$	0.67	0.18	$Q_a$	1.84	0.51
	$E_b$	0.86	0.34	$Q_b$	2.49	1.07
	$E_c$	1.09	0.52	$Q_c$	3.17	1.69
Flow = $Q_a \cdot A_a + Q_b \cdot A_b + Q_c \cdot A_c + Q_d \cdot A_d$	$E_d$	2.58	1.64	$Q_d$	4.49	2.81

WATER QUALITY PONDING

BASIN 1 87120 SF X 0.26"/12"=1888 CU FT  
BASIN 2 37897 SF X 0.26"/12"=821 CU FT  
BASIN 3 6534 SF X 0.26"/12"=142 CU FT

EXISTING DRAINAGE:

THE EXISTING SITE IS MOSTLY PAVED AND DRAINS FROM EAST TO WEST FROM WYOMING BLVD. TO VIRGINIA STREET. THE FLOWS ENTER VIRGINIA STREET THROUGH TWO 24 INCH SIDEWALK CULVERTS. FROM THERE THE WATER FLOWS TO TRUMBULL SE AND THEN WEST TO PENNSYLVANIA AVE. WHERE IT IS INTERCEPTED BY EXISTING CURB INLETS. THE EXISTING RUNOFF FROM THE SITE IS 21.28 CFS.

THE PROPERTY IS IN ZONE X AS SHOWN ON THE FIRM MAP. THERE IS A SLIGHT AMOUNT OF OFFSITE FLOWS THAT ENTER THE SITE AT THE SOUTHEAST CORNER OF THE PROPERTY WHICH WILL BE ALLOWED TO SHEET FLOW TO VIRGINIA STREET.

PROPOSED DRAINAGE:

FOR THE MOST PART THIS PROJECT WILL DRAIN IN THE SAME PATTERN THAT CURRENTLY EXISTS WITH THE SIDEWALK CULVERTS REMAINING AND DISCHARGING INTO VIRGINIA STREET.

THE BIGGEST DIFFERENCE IS THAT THE FLOWS FROM BASINS 1 AND 2 WILL BE ROUTED THROUGH A WATER QUALITY POND PRIOR TO DISCHARGING TO VIRGINIA STREET. BASIN 3 WILL BE CONTAINED IN A WATER QUALITY POND ALONG THE SIDEWALK AND ALLOWED TO OVER FLOW INTO BASIN 1.

THE DRAINAGE CALCULATIONS WERE UPDATED TO THE NEW DPM STANDARDS AND SHOWS THAT THE RUNOFF IS NOW CALCULATED AT 14.35 CFS WHICH IS LESS THAN THE PREVIOUS CALCULATION OF 21.28 CFS.



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