

Weighted E Method											
Basin	Area (sf)	Area (acres)	Treatment A (acres)	Treatment B (acres)	Treatment C (acres)	Treatment D (acres)	Weighted (ac-ft)	100-Year, 6-hr. Volume (ac-ft)	Flow cfs		
ALLOWED	55936.00	1.284	0%	0%	20% (0.257)	0%	80% (1.027)	1.710	0.183		
PROPOSED	55936.00	1.284	0%	0%	0.000	100%	1.284	0%	0.000		
total											

Equations:

Weighted E = Ea*Aa + Eb*Ab + Ec*Ac + Ed*Ad / (Total Area)

Volume = Weighted D * Total Area

Flow = Qa * Aa + Qb * Ab + Qc * Ac + Qd * Ad

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

Ea= 0.44	Qa= 1.29
Eb= 0.67	Qb= 2.03
Ec= 0.99	Qc= 2.87
Ed= 1.97	Qd= 4.37

ONSITE Conditions

PONDING REQUIREMENTS	REQUIRED (CF)	PROVIDED (CF)
WATER QUALITY	0	5493
FLOOD CONTROL	4615	5493

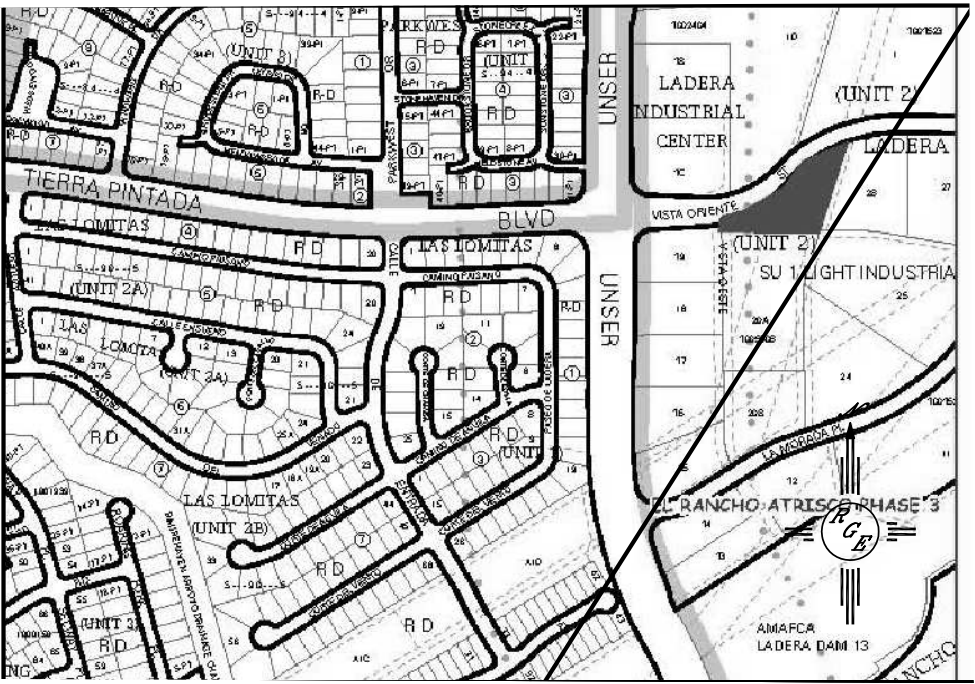
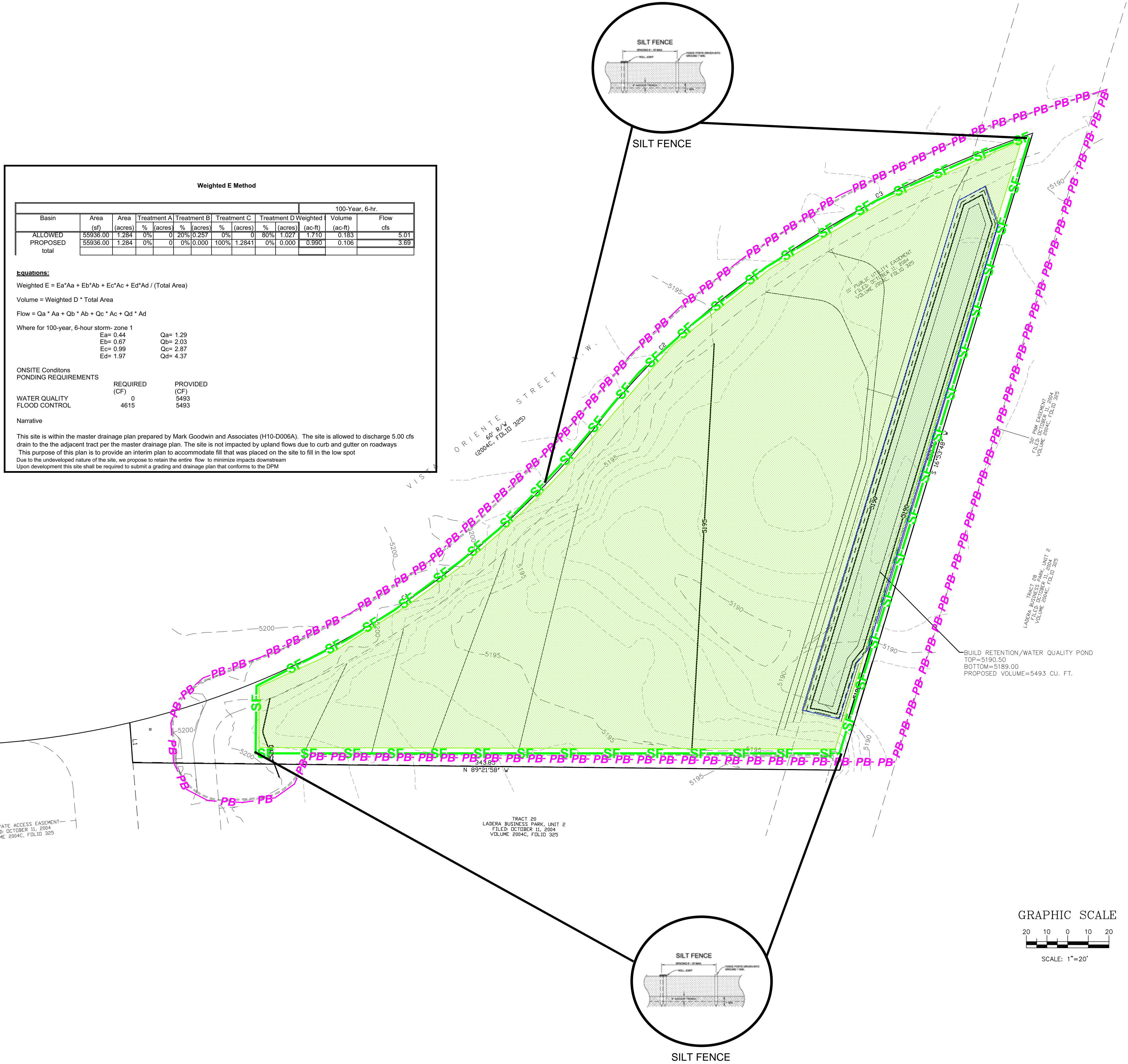
Narrative

This site is within the master drainage plan prepared by Mark Goodwin and Associates (H10-D006A). The site is allowed to discharge 5.00 cfs drain to the the adjacent tract per the master drainage plan. The site is not impacted by upland flows due to curb and gutter on roadways

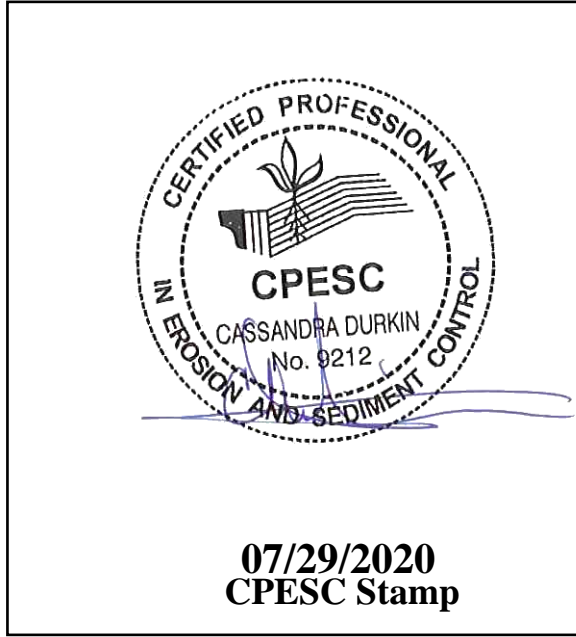
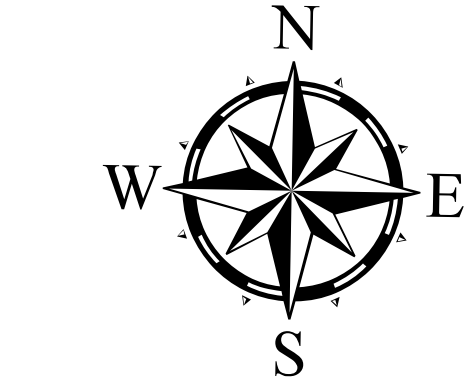
This purpose of this plan is to provide an interim plan to accommodate fill that was placed on the site to fill in the low spot

Due to the undeveloped nature of the site, we propose to retain the entire flow to minimize impacts downstream

Upon development this site shall be required to submit a grading and drainage plan that conforms to the DPM

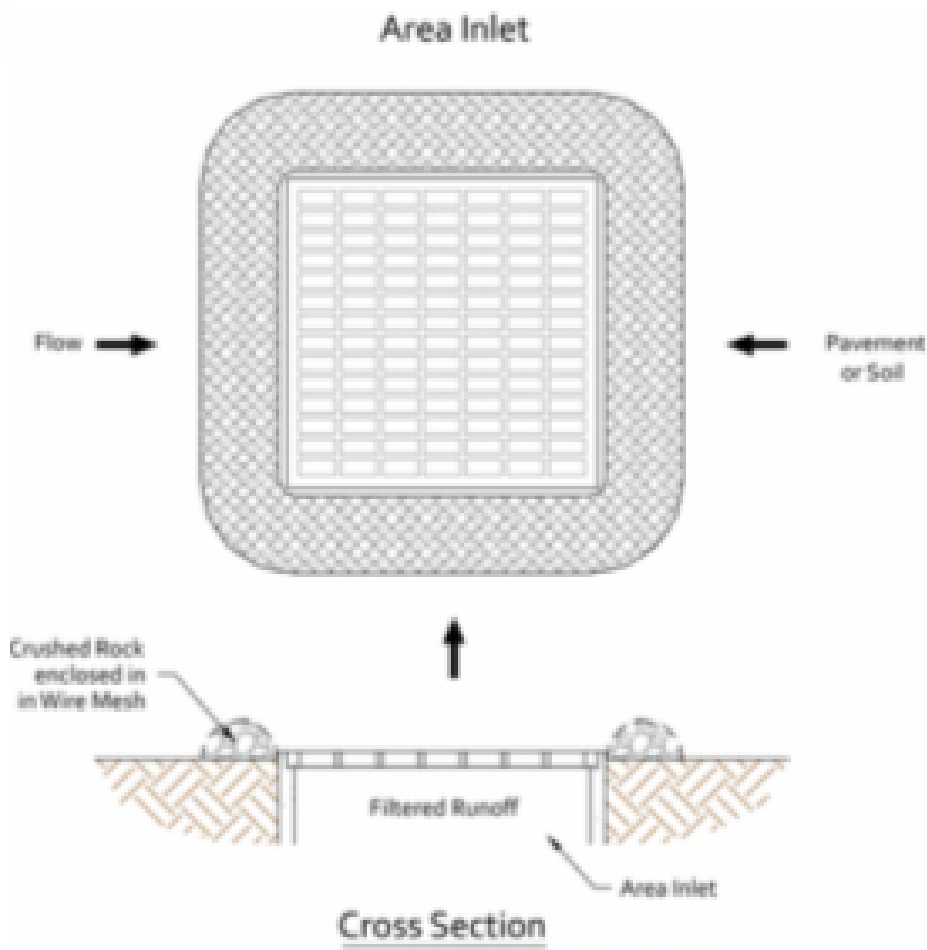


LEGEND	
TEMPORARY EROSION AND SEDIMENT CONTROL PLAN	
PB -PB -PB -PB	PROJECT PERIMETER & DISTURBED AREA
SF - SF - SF	SILT FENCE
MULCH SOCKS	MULCH SOCKS
FLOW DIRECTION	FLOW DIRECTION
STAGING AREA	STAGING AREA
STABILIZED CONSTRUCTION ENTRANCE	STABILIZED CONSTRUCTION ENTRANCE
TRASH RECEPTACLE	TRASH RECEPTACLE
CHEMICAL TOILET	CHEMICAL TOILET
CONCRETE WASHOUT	CONCRETE WASHOUT
RETENTION POND	RETENTION POND
RIP RAP	RIP RAP
CHECK DAM	CHECK DAM
DROP INLET PROTECTION	DROP INLET PROTECTION
OUTFALL	OUTFALL
POSTING SIGN	POSTING SIGN
SEEDING AREA	SEEDING AREA



RECEIVING WATERS: ONSITE POND	
CRITICAL HABITAT: CRITERION"A"; NO CRITICAL HABITATS WITHIN THE PROJECT AREA	
GPS LOCATION: 35.1102, -106.7289	
2200 VITA ORIE TE NW	
PROJECT TITLE	
ALBUQUERQUE, BERNALILLO COUNTY, NM	
CITY, COUNTY, STATE	
07/29/2020	DATE
C. DURKIN	DRAWN BY

INLET PROTECTION



BMP Objectives

- Sediment Control
- Sheet Flow Runoff Control

SILT FENCE



BMP Objectives

- Sediment Control
- Sheet Flow Runoff Control
- Wind Erosion Control

SEDIMENT TRACK OUT CONTROL



BMP Objectives

- Sediment Control

MULCH SOCK/STRAW WATTLE



BMP Objectives

- Sediment Control
- Reduce Runoff Velocity
- Inlet Protection

BERMS AND SWALES



BMP Objectives

- Runoff Control
- Run-on Diversion

EROSION CONTROL NOTES
ESC Plan Standard Notes (2020-06-03)

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.

4.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, 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 documented on prior to removal of BMPs and discontinuation of inspections.

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DRAWN BY



07/29/2020
CPESC Stamp

