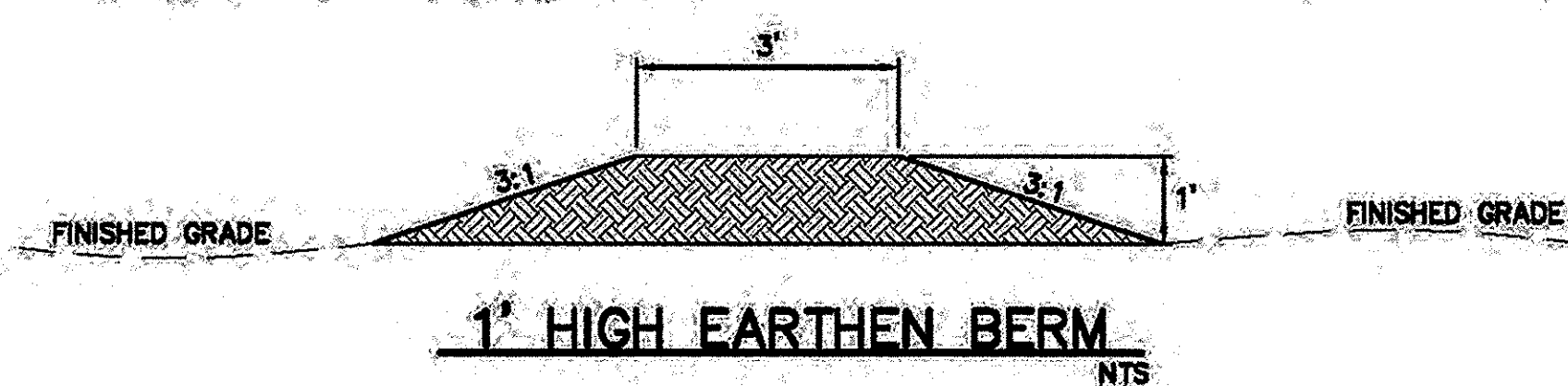
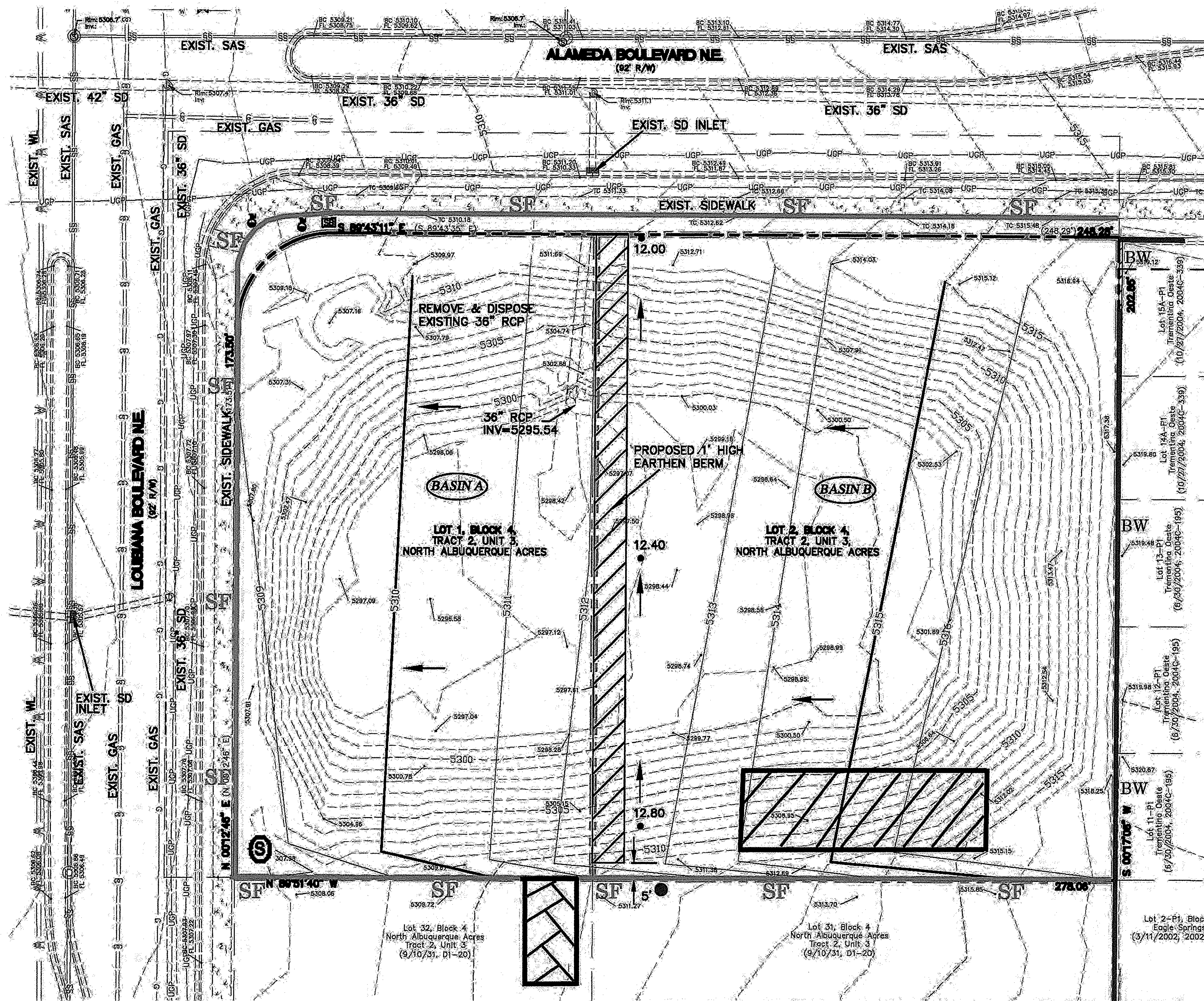
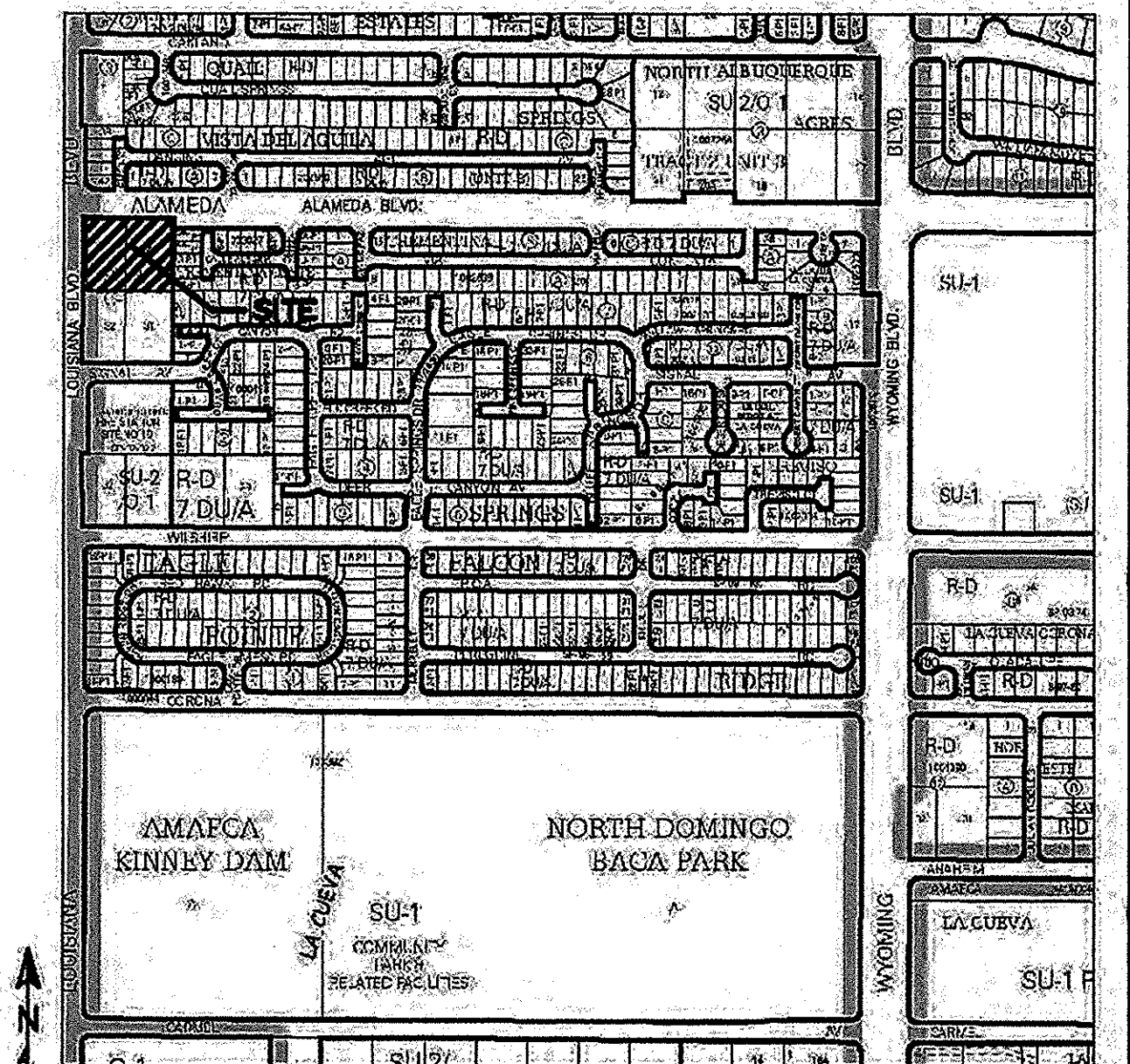
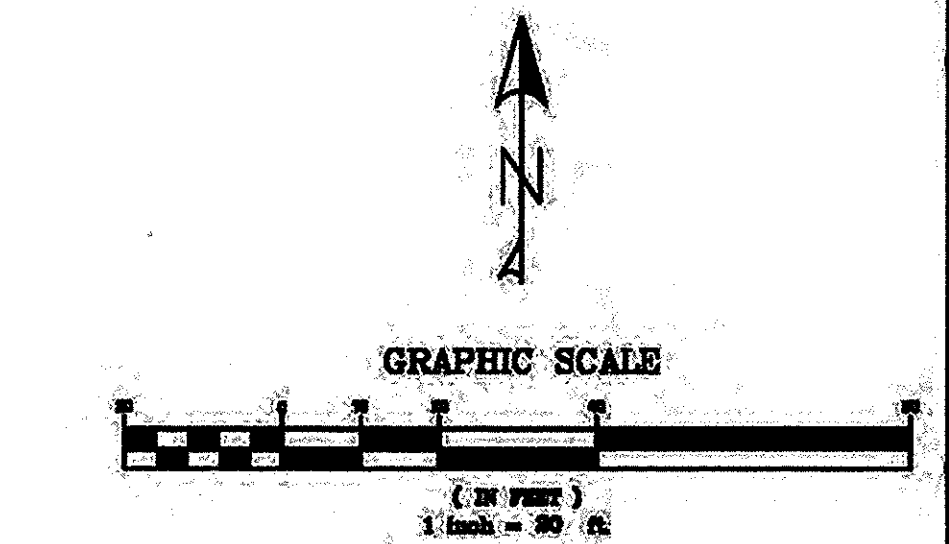




100-YEAR HYDROLOGIC CALCULATIONS											
BASIN #	AREA (acre)	LAND TREATMENT				WEIGHTED E (in)	100-YEAR PRECIPITATION				
		A (%)	B (%)	C (%)	D (%)		V (6-hr) (cu-ft)	V (24-hr) (acre-ft)	V (2-hr) (cu-ft)	Q (cfs)	
EXISTING CONDITIONS											
BASIN A	0.5232	100.00	0.00	0.00	0.00	0.66	0.03	1.253	0.03	1.253	0.98
BASIN B	0.7700	100.00	0.00	0.00	0.00	0.66	0.04	1.845	0.04	1.845	1.44
TOTAL RUNOFF	1.29						0.07	3.098	0.07	3.098	2.42
PROPOSED CONDITIONS											
BASIN A	0.5232	0.00	0.00	100.00	0.00	1.29	0.06	2.450	0.06	2.450	1.81
BASIN B	0.7700	0.00	0.00	100.00	0.00	1.29	0.08	3.606	0.08	3.606	2.66
TOTAL RUNOFF	1.29						0.14	6.056	0.14	6.056	4.46
EXCESS PRECIP.		0.66	0.92	1.29	2.36	E (in)					
PEAK DISCHARGE		1.87	2.6	3.45	5.02	Q _{cr} (cfs)					
WEIGHTED E (in) = (E _x)(%A) + (E _y)(%B) + (E _z)(%C) + (E _q)(%D)							ZONE = 3				
V _{6hr} (acre-ft) = (WEIGHTED E)(AREA)/12							P _{6hr} (in.) = 2.60				
V _{24hr} (acre-ft) = V _{6hr} + (A _o)(P _{24hr} - P _{6hr})/12							P _{24hr} (in.) = 3.10				
Q (cfs) = (Q _{6hr})(A _r) + (Q _{24hr})(A _r) + (Q _{48hr})(A _c) + (Q _{72hr})(A _q)							P _{48hr} (in.) = 4.90				



VICINITY MAP C-19-Z



LEGEND	
73.00'	SPOT ELEVATIONS
---	EXIST. MAJOR CONTOURS
---	EXIST. MINOR CONTOURS
→	FLOW DIRECTION
---	PROPOSED EASEMENT
---	BOUNDARY
---	PROPOSED EARTHEN BERM
---	PROPOSED BASIN BOUNDARY
(B-2)	DRAINAGE BASIN NUMBER

Legend	
---	Erosion Sediment Control Plan
---	Staging Area
---	Stabilized Construction Entrance
---	Silt Fence
---	Block Wall
●	Chemical Toilet
Ⓢ	Posting Sign



Impairments to the Rio Grande.
Pathogens, PCBs, PCB in
fish tissue, gross alpha, dissolved oxygen

Lots 1 and 2 North Albuquerque
Acres

Receiving Waters: Rio Grande 4.8
miles to the West

Date: 7/18/2014

[illegible]

The diagram shows a cross-section of a ditch with a 2:1 slope or flatter. Key dimensions labeled are:

- Grade Line**: The top surface of the ditch.
- Excavate to Provide Required Flow Width at Design Flow Depth**: The area of the ditch that must be excavated to achieve the required flow width.
- Flow**: Indicated by an arrow pointing down the center of the ditch.
- Dimensions**:
 - B**: Top width of the ditch.
 - C**: Bottom width of the ditch.
 - Ditch Depth**: The vertical depth of the ditch.

Ditch Depth	15'	30'
B-Ditch Width	9'	15'
C-Flow Width	4'	6'
D-Flow Depth	12'	24'

The diagram illustrates the cross-section of a curb and gutter. On the left, a curb is shown with an inlet filter. On the right, the gutter is shown with an inlet opening, an inlet filter, and a turb. A dashed line indicates the cross-section plane.

Stand Gravel Bag Vertical on Each End

Bend 6"x6"x10 Gauge Steel Welded Wire Fabric to fit Contour of Curb

The Filter Cloth to Wire Around Opening

Filter Cloth

Gravel Bag

Wire Mesh

Filter Cloth

6"x6"x10 Gauge Steel Welded Wire Fabric

Gravel Bag

Notes: Edges of Steel Welded Wire Fabric should be smooth to avoid tearing of filter cloth

Cross Section

A cross-sectional diagram of a ditch. The ditch has a trapezoidal shape. The top width is labeled 'Min. Width (D)'. The bottom width is labeled 'Min. Depth (C)'. The side slopes are labeled '2:1 Slope or Flatter'. The bottom of the ditch is labeled '0.5% Slope Minimum'.

Definition
Application of a protective layer of straw, other plant residues, leaves, or synthetic materials to the

A diagram illustrating a three-dimensional woven fabric structure. It shows a rectangular block of fabric with a complex internal weave pattern. A diagonal line runs across the top surface, and a vertical line runs down the side. Labels include "BLOOM TAPES" pointing to a horizontal band on the top surface, and "THICKENED FINISH" pointing to a textured area on the side. A small circular detail is shown on the right side, with a label "CROSS SECTION" pointing to it.

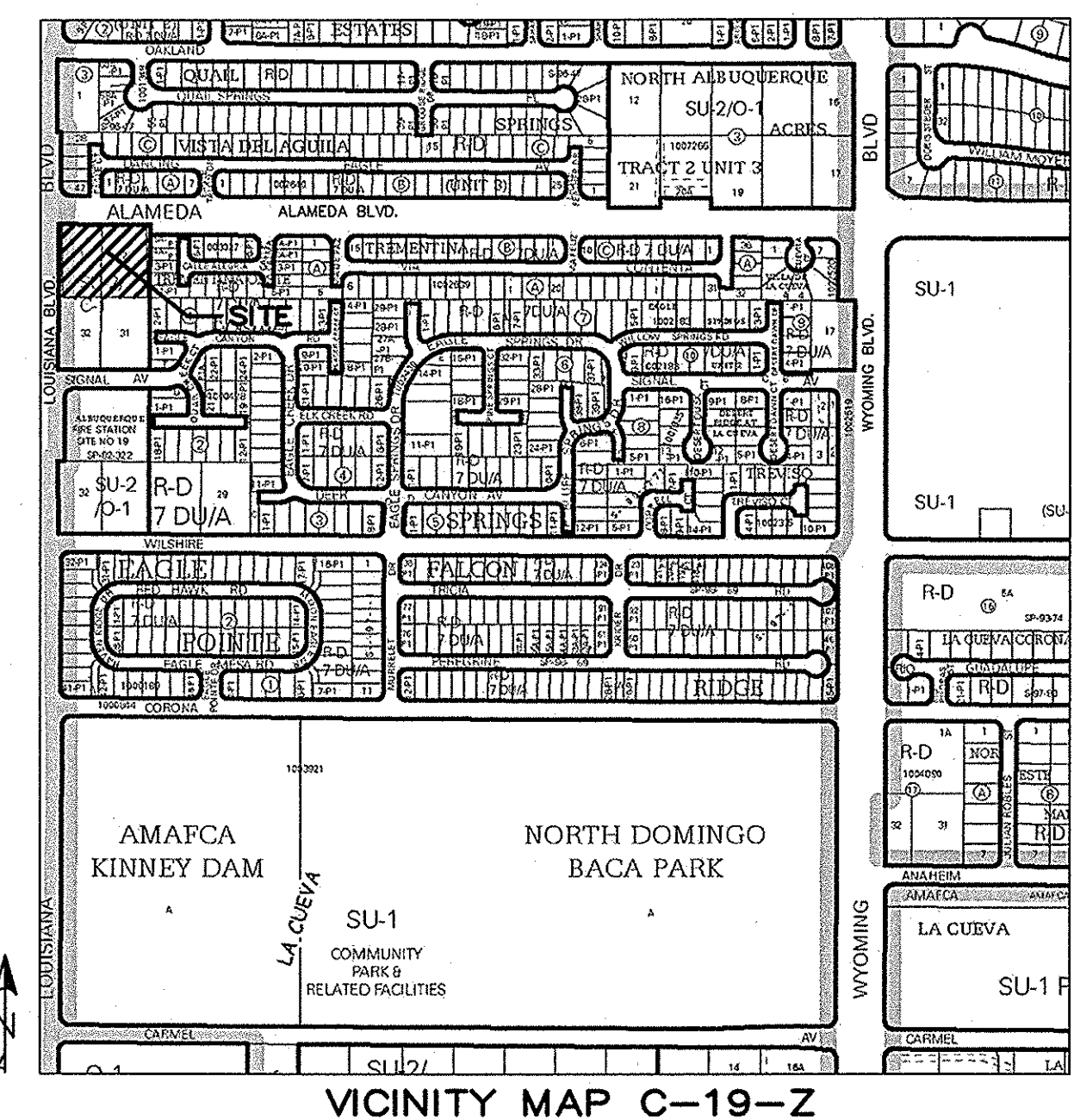
- 1)All perimeter BMP measures for sediment control shall be installed before any earth disturbing activity. If it's not practical to install BMP's due to thick vegetation then the contractor shall grub a perimeter line and install BMP's immediately thereafter.
- 2)All erosion control installations shall meet the storm water management standards and manufacturer's guidelines.
- 3)Sediment collected behind BMP's shall be removed when sediment reaches one half the height of the barrier.
- 4)BMP's shall be inspected and maintained per NPDES regulations e.g. at a minimum once every two weeks or weekly when discharges may reach an impaired waterway and after a rain event where it rains 2.54 in a 24 hr period.
- 5)BMP maintenance shall begin within 24 hours of noting the needed repairs.
- 6)Construction site entrance - The contractor shall place a stabilized construction track-out at each egress location.
- 7)Street sweeping - The contractor shall sweep the off site sediment tracking onto public right-of-ways if it is more than a stain.
- 8)Disturbed portions of the site that are inactive for more than 14 days must be temporarily stabilized with tackifiers. If construction activity resumes after 21 days or reseeded if construction activity will not resume after 21 days.
- 9)All areas not covered by impervious material or landscaping shall be reseeded with native grasses.
- 10)The contractor shall institute good housekeeping by keeping loose piling, trash and construction debris in approved solid waste containers.
- 11)The contractor shall control dust generated from earth work activity.
- 12)Temporary BMP's shall be removed following permanent stabilization.
- 13)All subcontracts shall be made aware of SWPPP requirements.

Inspections Plus Inc. Erosion Control Plan

Project: _____

Date: _____

Sheet No. _____



A north arrow pointing upwards, labeled 'N' in the center. Below it is a graphic scale bar with alternating black and white segments. The scale is marked with numbers 20, 0, 10, 20, 40, and 60. Below the scale bar, the text '(IN FEET)' is centered, followed by '1 inch = 20 ft.'.

SHEET No.	CITY/COUNTY REVIEW			LOTS 1 AND 2 BLOCK 4, TRACT 2 UNIT 3 NORTH ALBUQUERQUE ACRES			PHONE: (505) 271-2199 FAX: (505) 830-5246 P.O. BOX 657160 ALBUQUERQUE, NM 87193 tecnm@yahoo.com			
	DEPARTMENT	SIGN-OFF	DATE							
	WASTEWATER MGMT. DIV.									
	WATER SERVICES									
	SUBDIVISION ENG.									
	STREETS									
	TRAFFIC									
	FOR CITY/COUNTY USE ONLY									
	NO.							REVISION	BY	DATE
	PROJECT:							DRAWN BY: DEM		
	DATE:							CHECKED BY:		
	HORIZ. SCALE:							APPROVED BY:		
	VERT. SCALE:							FILE:		