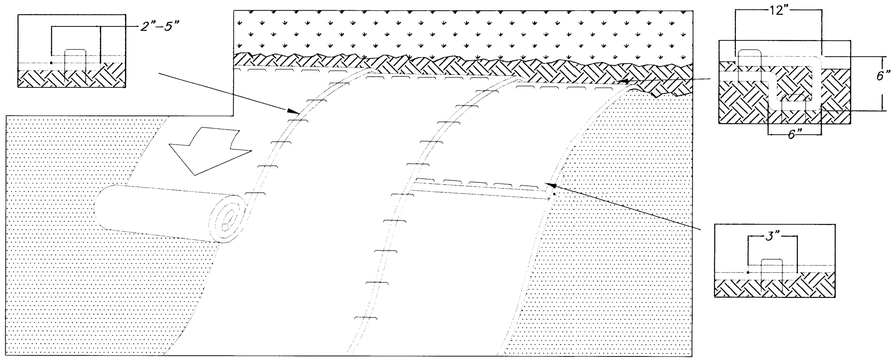


1. Prepare soil before installing blankets, including any necessary applications, i.e. fertilizer and seed.
2. Begin at the top of the slope by anchoring the blanket in a 6" deep x 6" wide trench with approx. 12" of blanket extended beyond the up-slope portion of the trench. Anchor the blanket with a row staples/stakes approx. 12" apart in the bottom of the trench. Backfill and compact the trench after stapling. Apply seed to compacted soil an fold remaining 12" portion of the blanket back over seed and compacted soil. Secure blanket over compacted soil with a row of staples/stakes spaced approx. 12" apart across the width of the blanket.
3. Roll the blankets down across the slope. Blankets will unroll with appropriate side against the soil surface. All blankets must be securely fastened to soil surface by placing staples/stakes in appropriate locations as shown in the staple pattern guide. When using Optional dot system, Staples/stakes should be placed through each of the colored dots corresponding to the appropriate staple pattern.
4. The edge of parallel blankets must be staple with approximately 2"-5" overlap depending on blanket type. To ensure proper seam alignment, place the edge the edge of the overlapping blanket (blanket being installed on top) Even with the colored seam stitch on the previously installed blanket.
5. Consecutive blankets spliced down the slope must be placed end over end (shingle style) with an approximate 3" overlap. Staple through overlapped area, approximately 12" apart across entire blanket width.

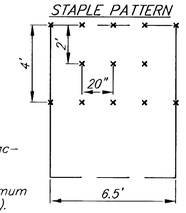
STAPLE PATTERN "D"

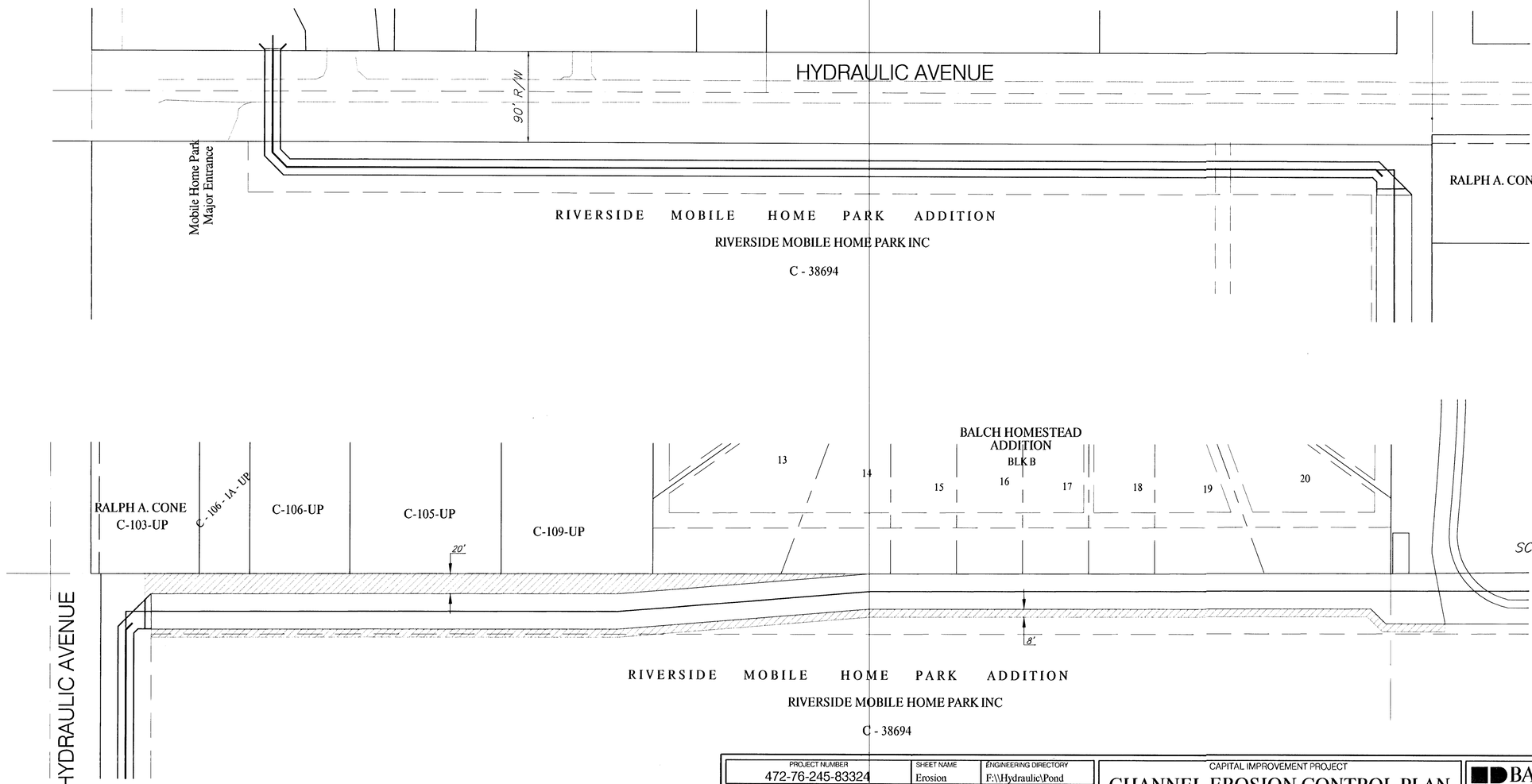
3-1/2 staples per sq. yd. using 6-inch, 11 ga. wire "U" staples. 8-inch staples and longer may be used for loose soils. 9 ga. staples or heavier may be necessary in hard or rocky soils.

Contractor shall follow manufacturers installation instructions regarding overlap dimensions. The overlap shall have a minimum dimension of three inches (3").

Erosion control mat.

STAPLE PATTERN





SCALE: 1" = 60'

Curlex/Exclesior Blanket

The Erosion Control Blanket Shall be Curlex/Excelsior, or approved equal. Install per manufacturers recommendation, including staples. See Detail This Sheet.

Erosion Control Quantities Required for this Sheet:	
Erosion Control Blanket	2465 S.Y.
For Information Only. Cost to be INCIDENTAL to the Lump Sum Bid Item "Erosion Control".	
Reseeding	3.37 Acres
For Information Only. Cost to be INCIDENTAL to the Lump Sum Bid Item "Site Restoration".	

SCALE: 1" = 60'

PROJECT NUMBER	SHEET NAME	ENGINEERING DIRECTORY
472-76-245-83324	Erosion	F:\\Hydraulic\Pond

DESIGN	DRAWN	APPROVED	DATE	SCALE	BAUGHMAN NO
TPV/JFB	TPV	JFB	Sept 2001	Noted	99-09-E453

CAPITAL IMPROVEMENT PROJECT

CHANNEL EROSION CONTROL PLAN

HYDRAULIC AVENUE PAVING- INCIDENTAL DRAINAGE PROJECTS - PHASE 2

BAUGHMAN COMPANY, P.A.
ENGINEERING, SURVEYING, & PLANNING
316-262-7271 * 315 ELLIS * WICHITA, KANSAS 67211