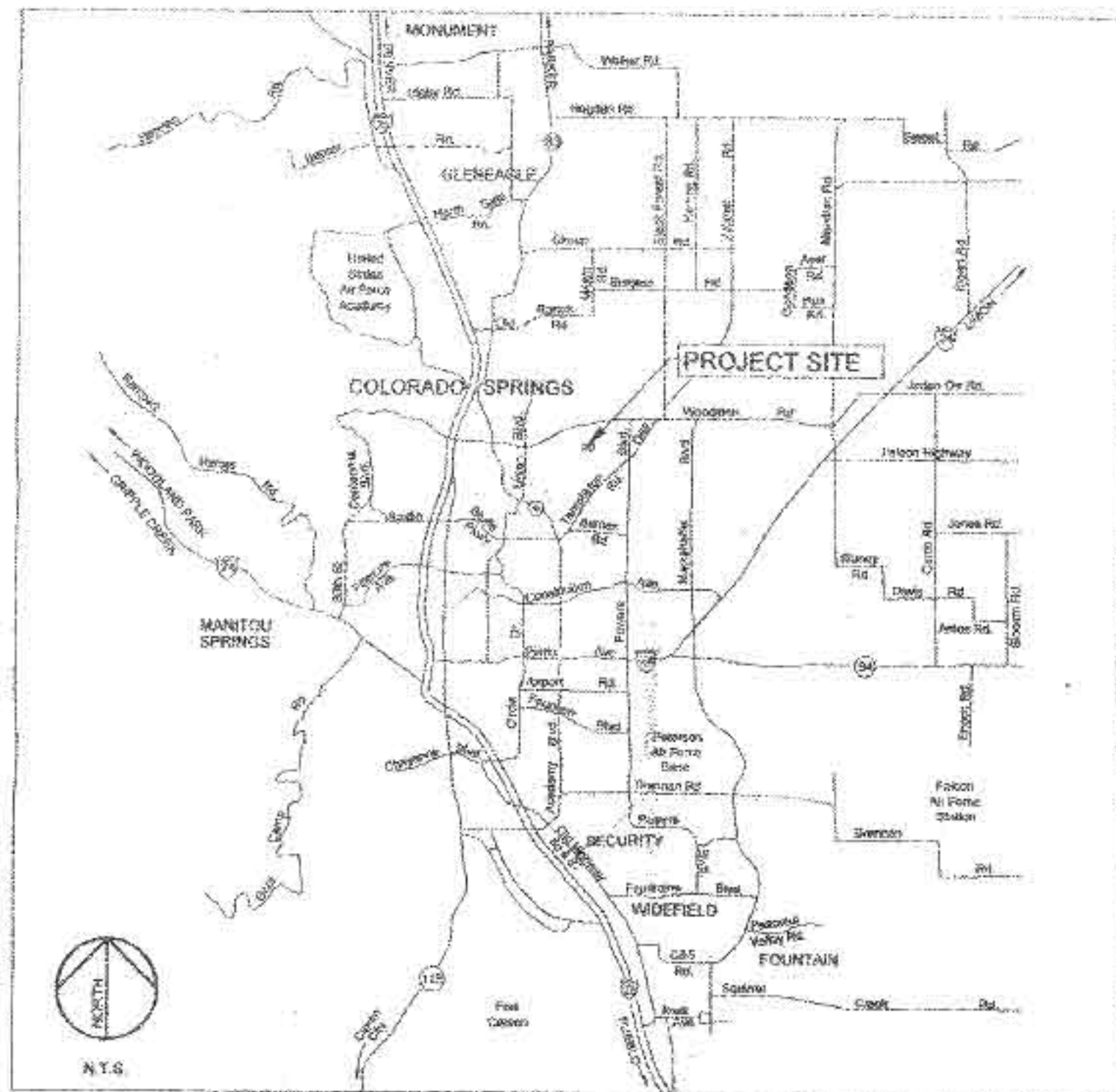


BANK PROTECTION FOR COTTONWOOD CREEK TRIBUTARY 1B BETWEEN DAKOTA NORTH PUD AND THE COURTYARDS PUD

LOCATED IN THE
CITY OF COLORADO SPRINGS

NOVEMBER 1999

PRELIMINARY
NOT FOR CONSTRUCTION



Vicinity Map

Sheet	Description
1	Cover Sheet and General Notes
2	Plan View
3	Cross Sections
4	Bank Protection and Construction Details

GENERAL NOTES

The types, size, location, and number of all known underground utilities are approximate when shown on the drawings. It shall be the responsibility of the contractor to verify the existence and location of all underground utilities along the route of work. Before commencing construction, the contractor shall be responsible for locating all unknown utilities and protecting them from harm.

Call 1-800-922-1967 for location of all member utilities.

All construction activities on this site must comply with the State of Colorado Permitting process for "Stormwater discharges associated with construction activity." For information please contact Colorado Department of Health, Water Quality Control Division, WQCD-PE-B2, 4300 Cherry Creek Drive South, Denver, Colorado 80222-1530, Attention: Permits and Enforcement Section. Phone: (303) 692-3690.

INSTALLATION NOTES

- Before Armorflex Class 50s or approved equal are placed, slopes and/or surfaces shall be graded and compacted. Compact to a 95% minimum standard Proctor Density. The maximum allowable slope for placement shall be 2H:1V, or as specified on sheet 2.
- Geotextile fabric shall be placed over the prepared slope.
 - The geotextile fabric shall be one foot longer than the articulated block mat on both ends, top and bottom.
 - Contractor shall take care not to puncture the geotextile fabric during installation.
- Bank protection shall be toed in and anchored at the top and toed in at the bottom (see detail sheet 2).
- Fitting of the mats on inner and outer curves can be done by using triangle shaped mats, or by temporarily overlaying the mats and removing the blocks that are on top of each other and reattaching the cables.
 - When seams between mats are greater than two inches, concrete grout must be used to fill the seam.
- Contractor shall consult with manufacturers representative throughout installation.

Design By:	JHB
Drawn By:	JHB
Checked By:	CAC
Approved By:	CAC
Date:	11-13-99

Sheet	1	or	3
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