






STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	87 N-0187-01	2006	30	47

LEGEND

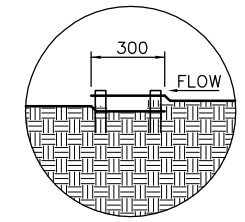
-  SB SLOPE BARRIER
-  BC BACK OF CURB PROTECTION
-  AREA TO RECEIVE PERM. TURF REINFORCEMENT AND SEED
-  AREA TO BE SEEDED ONLY
-  SE STABILIZED ENTRANCE

See sheet 38 for seeding and erosion control quantities.

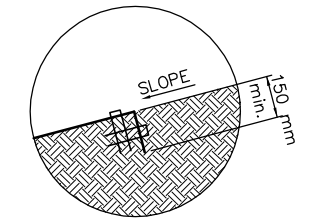
INSTALLATION DETAILS FOR PERMANENT EROSION CONTROL

Contractor shall install North American Green C350 permanent turf reinforcement mat or equal after seeding per manufacturer's specifications, with "D" staple pattern (3.5 staples/m²). Mat shall extend from gabion wall up sideslope. Mat shall be laid in the direction of flow, with the first course at the top of gabions. The mat shall be in contact with the soil. All edges shall be trenched.

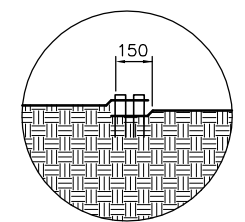
- Longitudinal Lap Joints:** The adjacent edges of the mat should overlap a minimum of 50 mm, with staples spaced 300 mm apart. Staples should catch the top edge @ 1.5 m spacing.
- Splice Joint:** When splices are necessary, overlap end a minimum of 300 mm in direction of water flow. Stagger splice seams. (Double staple splice joint @ 300 mm spacing).
- Check Tie Downs:** Establish check tie downs transverse to slope at 1/2 roll. (Double row of staples @ 300 mm spacing).
- Edge Anchor:** Lay outside edge of mat into trench at top of side slope. Staple at 1.5 m intervals along trench.
- Anchor/Terminus Fold:** The mat should be folded under, buried and secured with staples placed 300 mm apart. The top edge of the mat should be buried in a slot, 150 mm wide x 300 mm deep; staked in the bottom of the slot, backfilled and the mat folded over the top as shown in detail.



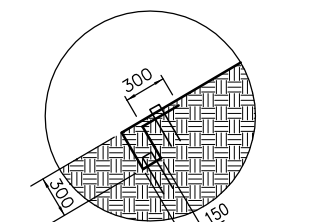
SPLICE JOINT



EDGE ANCHOR

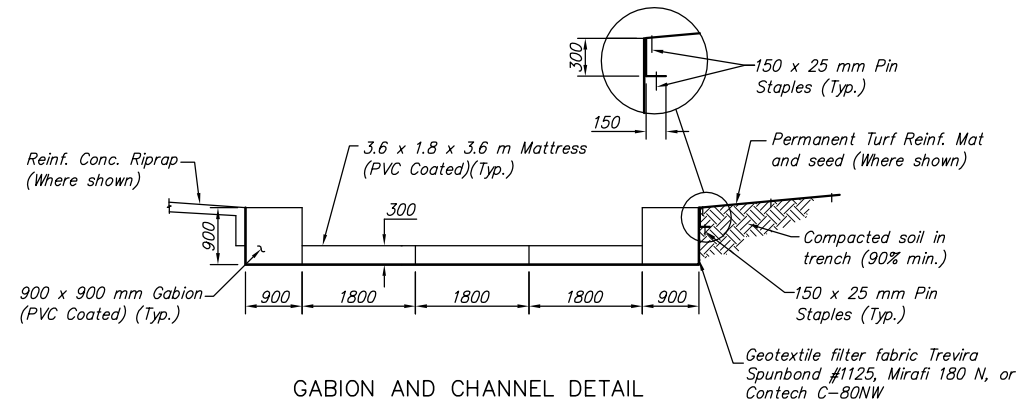
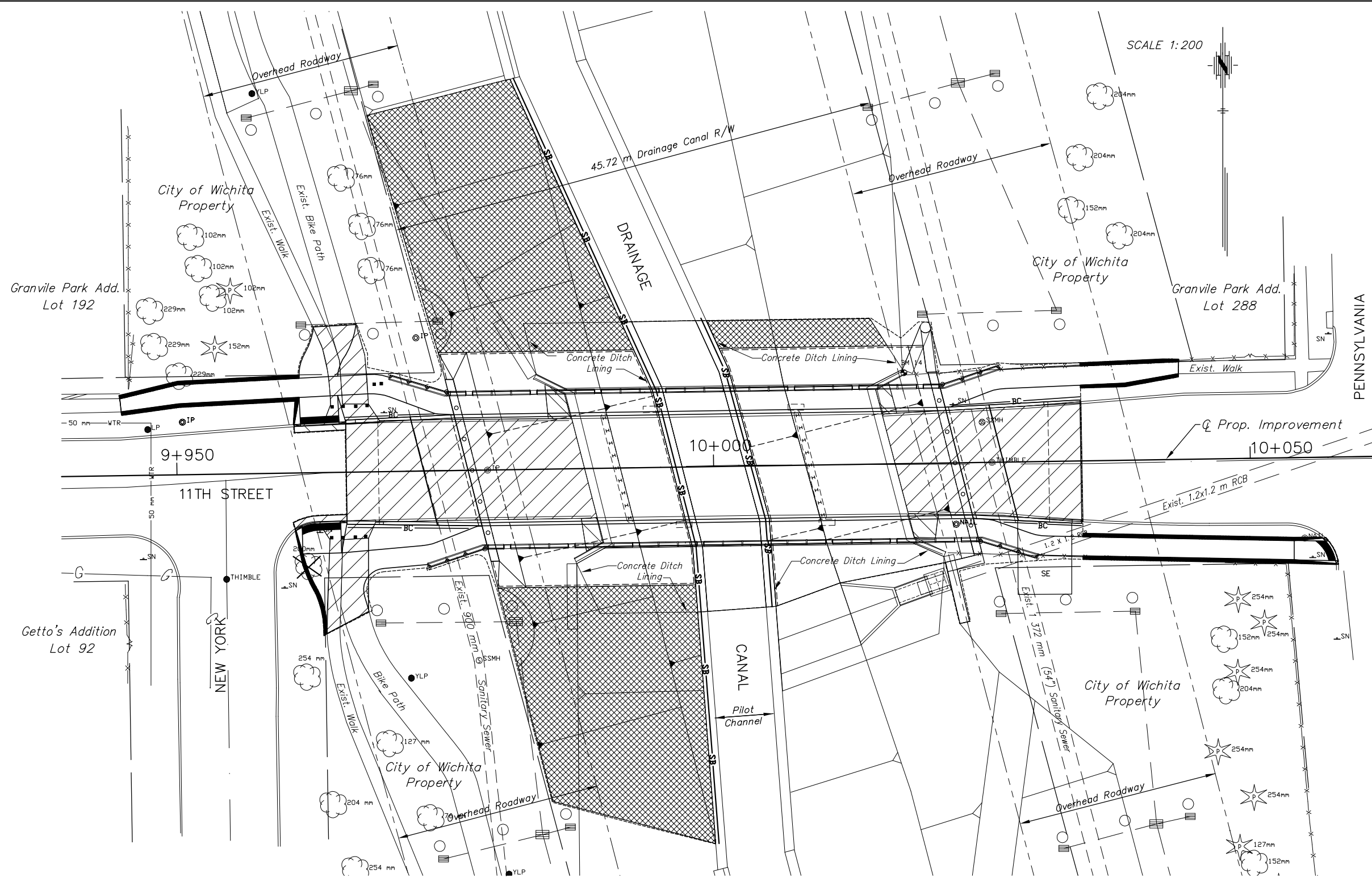
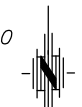


LAP JOINT

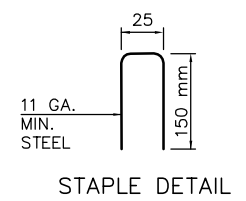


TERMINUS

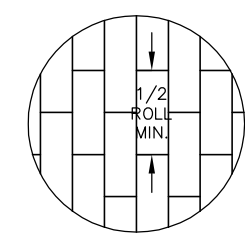
SCALE 1:200



GABION AND CHANNEL DETAIL



STAPLE DETAIL



SPLICE PATTERN

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KANSAS DEPARTMENT OF TRANSPORTATION

EROSION CONTROL PLAN

PROJECT NO. 87 N-0187-01 SEDGWICK CO.

M K E C ENGINEERING CONSULTANTS, INC.
WICHITA, KANSAS

DESIGNED BY: JRA	CHECKED BY: KJS
DRAWN BY: DPG/JSB	DATE: FEB. 2006 SHEET 30 OF 47