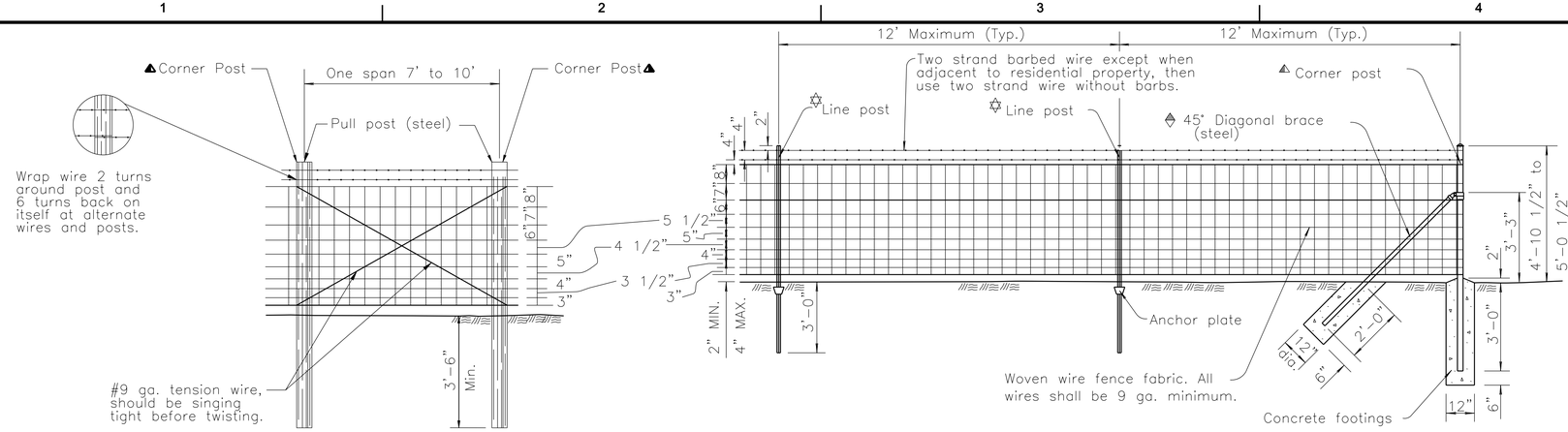


(STEEL)

△ Steel line post 8'-0" length
Studded T (1.33#/lin. ft.)
U (1.33#/lin. ft.)
H (2.27#/lin. ft.)
1 3/4" Oval back | beam (2.43#/lin. ft.)

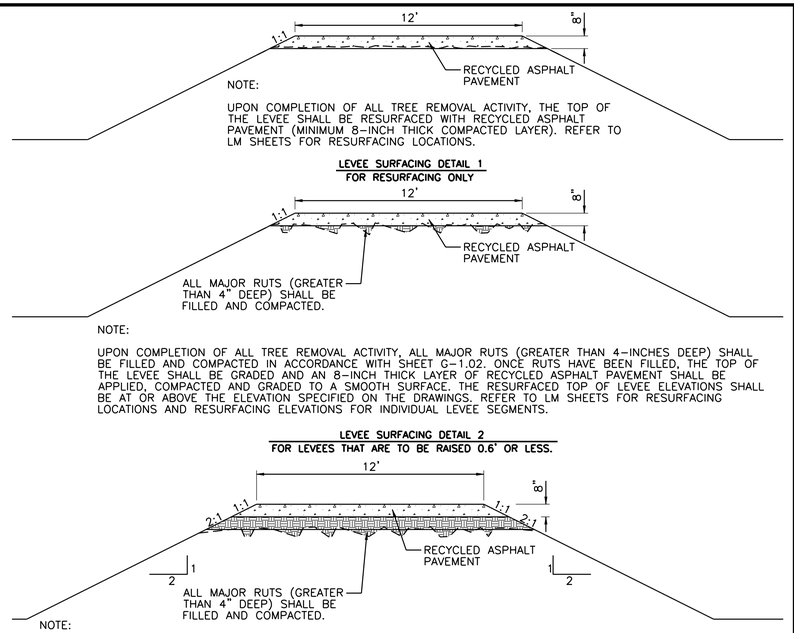
◇ Brace
1.660" O.D., 0.140" Th. (2.27#/lin. ft.) pipe or
1 3/4" Oval Back |–Beam (2.45#/lin. ft.) or
1 5/8"x1 3/4" Brace rail

▲ End, corner, gate, or pull post 8'-0" length.
(A120) 2.875" O.D., 0.203" Th. (5.97#/lin. ft.) pipe

ACCESS CONTROL FENCE
NOT TO SCALE

GENERAL NOTES:

1. All steel posts, braces, fittings, and gate frames shall be galvanized and/or coated.
2. In lieu of using the galvanized or copper coated rod as described above the contractor may, at his option, use a steel line post at intervals not to exceed each eighth post.
3. The galvanized or copper coated rod shall be used where power lines pass over the fence.
4. Steel posts shall be provided with fasteners to prevent slippage of the wire strands.
5. Outside diameters shown for tubular steel posts, bracing and gate frames are nominal.
6. Posts may be set by driving or digging. If by digging, the posts shall be set in the center of the hole and the soil tamped securely on all sides.
7. Pull post assembly shall be used at sharp breaks in vertical grade or at approximately 330' centers on straight runs or as directed by the Engineer.
8. Concrete used in fence installation shall conform to the requirements of the City Standard Specifications. Barbed wire and tension wire shall be either zinc coated (galvanized) or aluminum coated.
9. Minimum strength of tension wire shall be as provided in the Standard Specifications.
10. Woven wire and tension wire shall be either zinc coated (galvanized) or aluminum coated.
11. Use #9 gauge galvanized staples 1 1/2" to 1 3/4" long, or #9 gauge galvanized Ring–shank staples 1 1/2" to 1 3/4" long.
12. Alternate gate designs may be submitted for approval. Lighter weight materials will not be approved.
13. Padlocks for gates shall be furnished by the City.
14. The fence material type and appearance shall be the same as the type used for the Cowskin Creek Local Flood Protection Project located south of Maple Street and Cowskin Creek.
15. No fence is allowed within 15 feet of the toe of the levee or inside the levee easement; whichever is shorter.



NOTE:

UPON COMPLETION OF ALL TREE REMOVAL ACTIVITY, THE TOP OF THE LEVEE SHALL BE RESURFACED WITH RECYCLED ASPHALT PAVEMENT (MINIMUM 8–INCH THICK COMPACTED LAYER). REFER TO LM SHEETS FOR RESURFACING LOCATIONS.

LEVEE SURFACING DETAIL 1
FOR RESURFACING ONLY

NOTE:

UPON COMPLETION OF ALL TREE REMOVAL ACTIVITY, ALL MAJOR RUTS (GREATER THAN 4–INCHES DEEP) SHALL BE FILLED AND COMPACTED IN ACCORDANCE WITH SHEET G–1.02. ONCE RUTS HAVE BEEN FILLED, THE TOP OF THE LEVEE SHALL BE GRADED AND AN 8–INCH THICK LAYER OF RECYCLED ASPHALT PAVEMENT SHALL BE APPLIED, COMPACTED AND GRADED TO A SMOOTH SURFACE. THE RESURFACED TOP OF LEVEE ELEVATIONS SHALL BE AT OR ABOVE THE ELEVATION SPECIFIED ON THE DRAWINGS. REFER TO LM SHEETS FOR RESURFACING LOCATIONS AND RESURFACING ELEVATIONS FOR INDIVIDUAL LEVEE SEGMENTS.

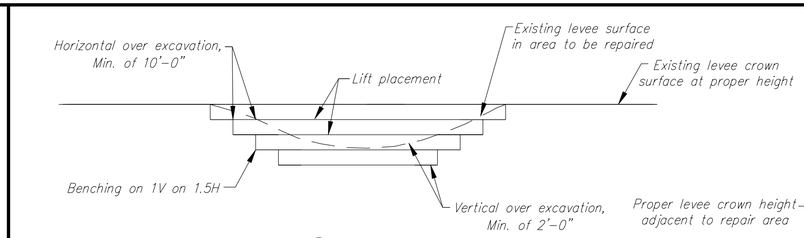
LEVEE SURFACING DETAIL 2
FOR LEVEES THAT ARE TO BE RAISED 0.6' OR LESS.

NOTE:

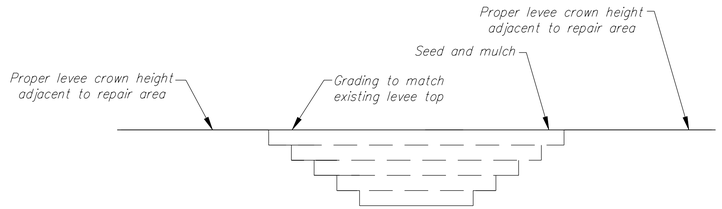
UPON COMPLETION OF ALL TREE REMOVAL ACTIVITY, ALL MAJOR RUTS (GREATER THAN 4–INCHES DEEP) SHALL BE FILLED AND COMPACTED IN ACCORDANCE WITH SHEET G–1.02. ONCE RUTS HAVE BEEN FILLED, THE TOP OF THE LEVEE SHALL BE RAISED TO 8–INCHES BELOW THE ELEVATION SPECIFIED ON THE DRAWINGS WITH COMPACTED FILL ON 2:1 SIDE SLOPES. UPON COMPLETION OF THE COMPACTED FILL, AN 8–INCH THICK LAYER OF RECYCLED ASPHALT PAVEMENT SHALL BE APPLIED, COMPACTED AND GRADED TO A SMOOTH SURFACE. THE RESURFACED TOP OF LEVEE ELEVATIONS SHALL BE AT OR ABOVE THE FINISHED GRADE ELEVATION SPECIFIED ON THE DRAWINGS. REFER TO LM SHEETS FOR RESURFACING LOCATIONS AND RESURFACING ELEVATIONS FOR INDIVIDUAL LEVEE SEGMENTS.

LEVEE SURFACING DETAIL 3
FOR LEVEES THAT ARE TO BE RAISED MORE THAN 0.6'

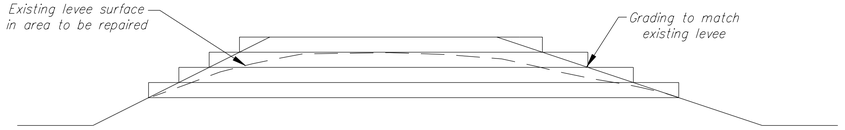
LEVEE SURFACING DETAILS



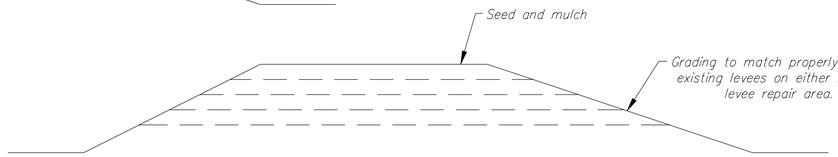
① ELEVATION VIEW



② ELEVATION VIEW



① SECTION



② SECTION

TYPICAL EXISTING LEVEE POINT REPAIR – SEQUENCE OF WORK
NOT TO SCALE

MARK	DESCRIPTION	DATE	APPR.

amec
AMEC Earth & Environmental, Inc.
1129 SW Wanamaker
Topeka, Kansas 66604
Phone: (785) 272-4630
Fax: (785) 272-4678

CITY OF WICHITA

SYSTEMWIDE VEGETATION MAINTENANCE - PHASE 3
WICHITA-VALLEY CENTER LOCAL FLOOD PROTECTION PROJECT
WICHITA, KANSAS

PREPARED FOR
THE CITY OF WICHITA, KANSAS
455 N. Main
Wichita, KS 67202

LAWRENCE J. SAMPLE
LICENSED
PROFESSIONAL ENGINEER
13855
5-20-2011
KANSAS

DESIGNED BY: Larry Sample, PE		DATE: 5-20-2011
DWN BY: RES	CKD BY: LBK	APP BY: L. SAMPLE

FILE NAME: 05_FENCE_LEVEE SURFACING DETAILS.dgn

AMEC PROJ. NO. 5-6150-0001

FENCE AND LEVEE SURFACING DETAILS

G-1.04

SHEET 5 OF 42