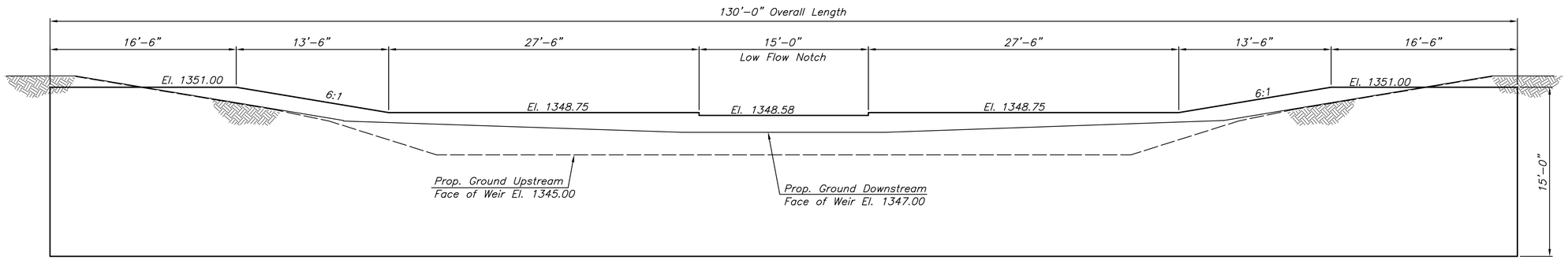
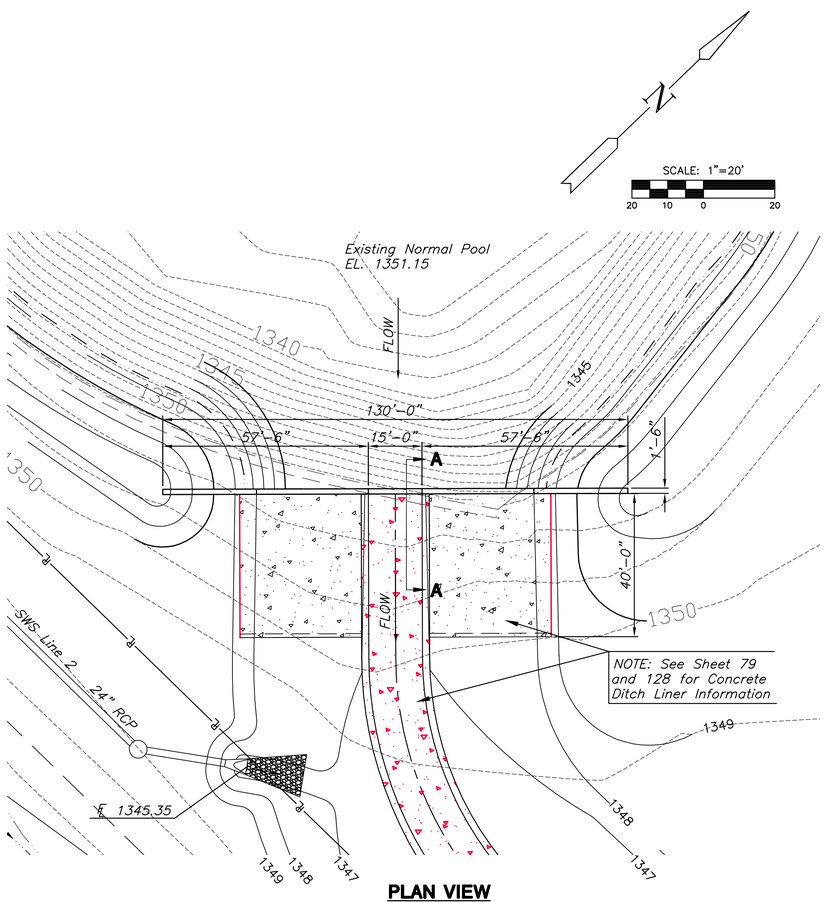
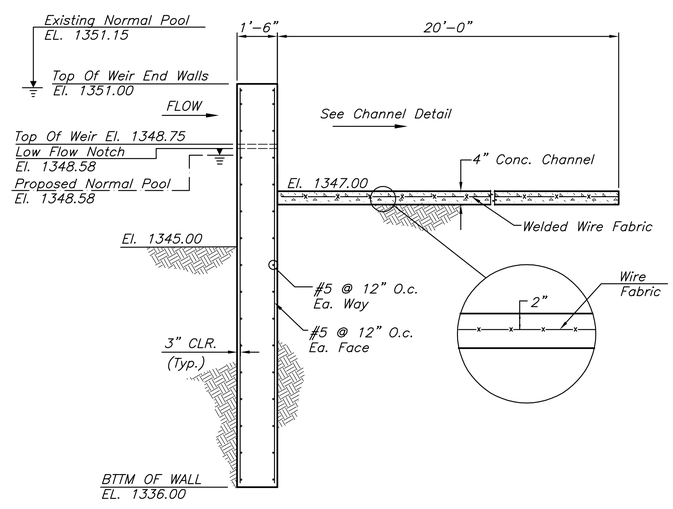


WEIR ELEVATION

Looking Upstream



PLAN VIEW



SECTION A-A

GENERAL NOTES

1. All concrete to have minimum compressive strength of 4000 psi at 28 days. Contractor shall submit concrete mix design to Engineer for approval prior to construction.
2. All concrete shall conform to the current "ACI MANUAL OF CONCRETE PRACTICE".
3. Portland Cement shall conform to ASTM C-150, TYPE I OR III.
4. All aggregate for normal weight concrete shall meet ASTM C33.
5. All reinforcing to meet ASTM A615 or GR. 60.
6. Concrete cover shall be 3" in bottom of footing cast against soil. All other cover shall be 2".
7. All footings shall bear on undisturbed earth or engineered fill at elevations shown on details.
8. Earthwork shall be considered subsidiary to weir construction.
9. See Sheet 79 and 128 for Concrete Ditch Liner information and quantities.
10. Geotextile Filter Fabric shall be Trevira Spunbound #1120 or approved equal.
11. Welded wire fabric shall be adequately supported by bar chairs in the required position unless approved otherwise by the engineer.

MKEC ENGINEERING CONSULTANTS, INC.
411 N. WEBB ROAD
WICHITA, KS. 67206
316-684-9600

JAY ANDREW LEWIS LICENSED 13288 PROFESSIONAL ENGINEER

STREET IMPROVEMENTS FOR
135th Street West
from 13th Street to 21st Street North

WEIR DETAILS

SHEET TITLE

MKEC PROJ #10265
PROJECT NUMBER

JRA
DESIGN BY

DMU
DRAWN BY

JRA
CHECKED BY

ISSUED
February 2012

REVISED

SHEET NO.
80 of 231

J:\Civil\10265\DWG\Details\10265 Weir D1

PLOTTED: Thursday, February 16, 2012 @ 11:19AM