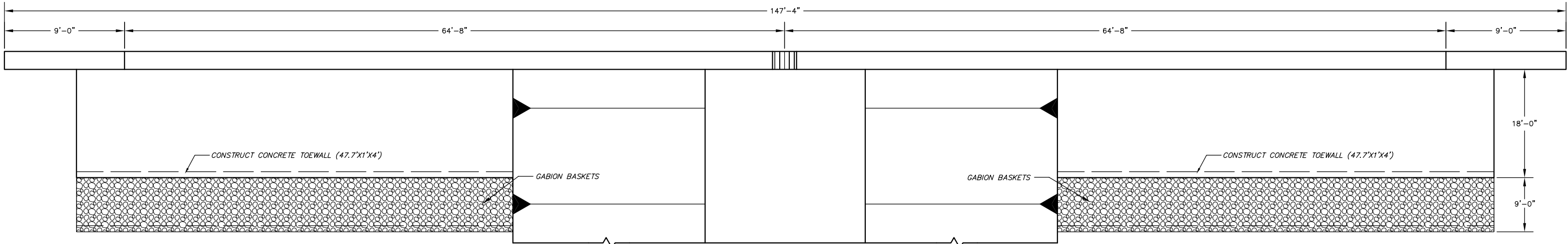


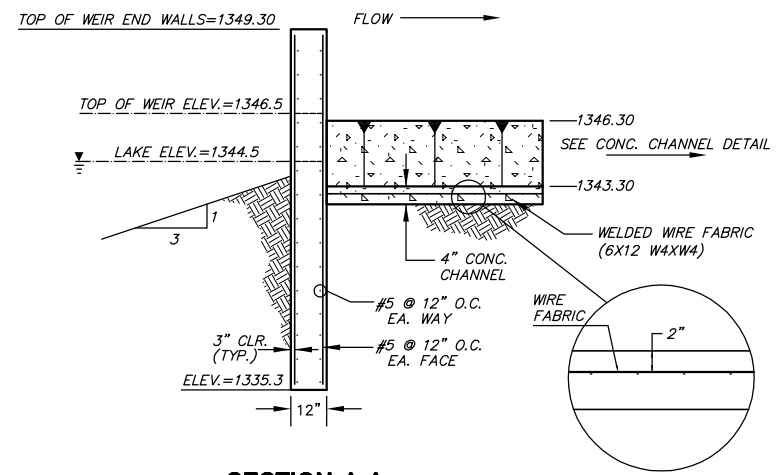
WEIR DOWNSTREAM ELEVATION
NOT TO SCALE



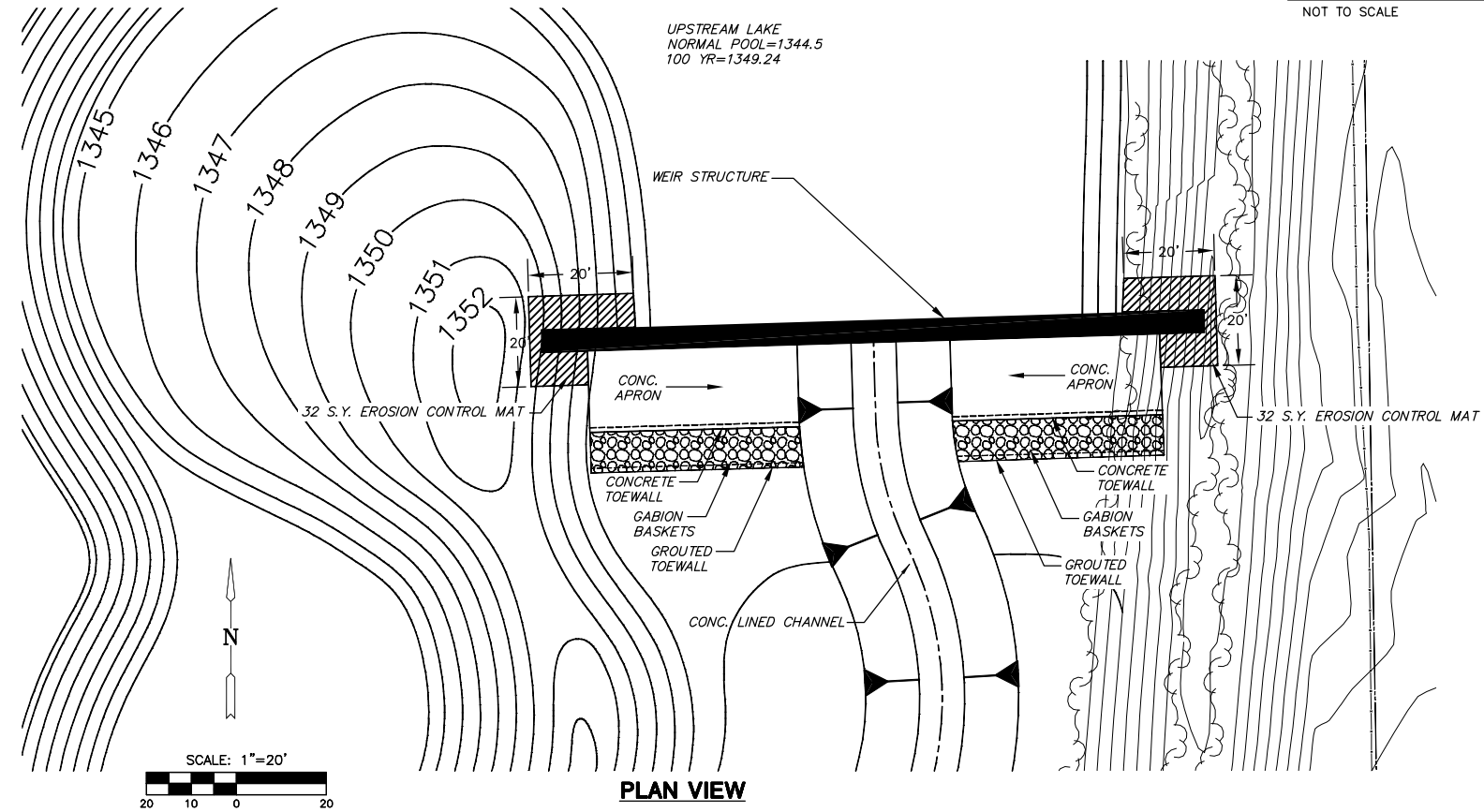
WEIR/GABION PLAN DETAIL
NOT TO SCALE

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. Conc. Apron & channel liner shall have 6"x6" W2.9xW2.9 welded wire fabric throughout.
10. Geotextile Filter Fabric shall be Trevira Spunbound #1120 or approved equal.
11. Gabions and Mattresses shall be PVC coated.
12. Welded wire fabric shall be adequately supported by bar chairs in the required position unless approved otherwise by the engineer.
13. Erosion control mat shall be North American Green C-350 or approved equal.
14. See sheet 12 for concrete texturing details for weir.



SECTION A-A
NOT TO SCALE



PLAN VIEW

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<p>MKEC ENGINEERING CONSULTANTS 411 N. WEBB ROAD WICHITA, KS. 67206 316-684-9600</p>	REEDS COVE ADDITION	
	PROJECT NAME	
	LAKE WEIR PLAN	
	SHEET TITLE	
DRK	DMU	DRK/GJA
DESIGN BY.	DRAWN BY.	CHECKED BY.
JUNE 2003	02121	13 / 36
DATE	JOB NO.	SHEET/OF