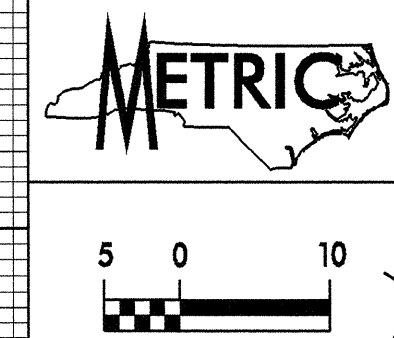
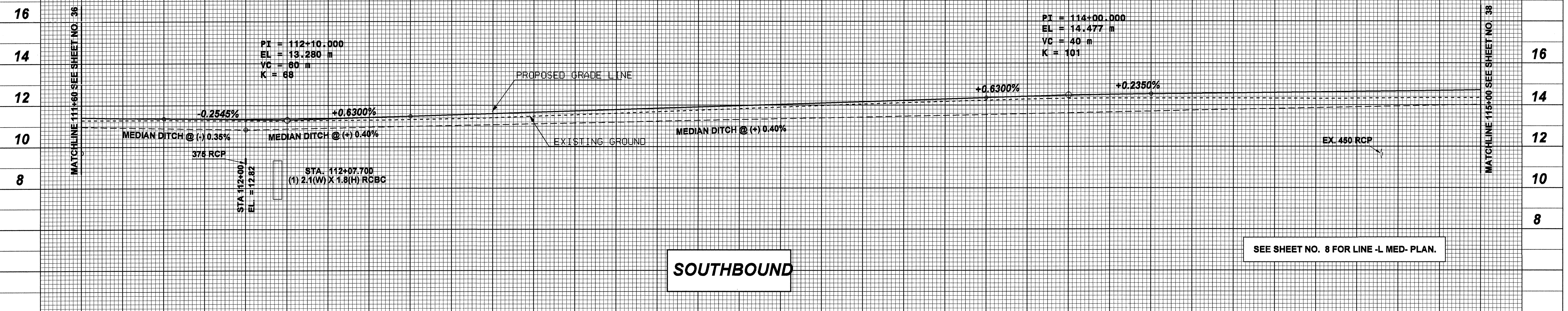


ROADWAY DESIGN BY:  
**TAYLOR • WISEMAN & TAYLOR**  
 ENGINEERS • SURVEYORS • PLANNERS  
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PROJECT REFERENCE NO. R-2514A	SHEET NO. 38
ROADWAY DESIGN ENGINEER JAMES H. JAYO	HYDRAULICS ENGINEER D. LOYINGGOOD
HYDRAULIC DESIGN : TEAN SYSTEMS CORPORATION	

DRAINAGE AREA	= 2.5	HA
DESIGN FREQUENCY	= 50	YRS
DESIGN DISCHARGE	= 0.45	CMS
DESIGN HW ELEVATION	= 13.58	M
100 YEAR DISCHARGE	= 0.49	CMS
100 YEAR HW ELEVATION	= 13.72	M
OVERTOPPING FREQUENCY	= 100+	YRS
OVERTOPPING DISCHARGE	= 0.63	CMS
OVERTOPPING ELEVATION	= 14.62	M



DRAINAGE AREA	SQ. KM = 2.8
DESIGN FREQUENCY	YRS = 50
DESIGN DISCHARGE	CMS = 6.8
DESIGN HW ELEVATION	M = 11.94
BASE DISCHARGE	CMS = 8.2
BASE HIGH WATER ELEV	M = 12.14
OVERTOPPING FREQUENCY	YRS = 500+
OVERTOPPING DISCHARGE	CMS = 14+/-
OVERTOPPING ELEVATION	M = 13.45

