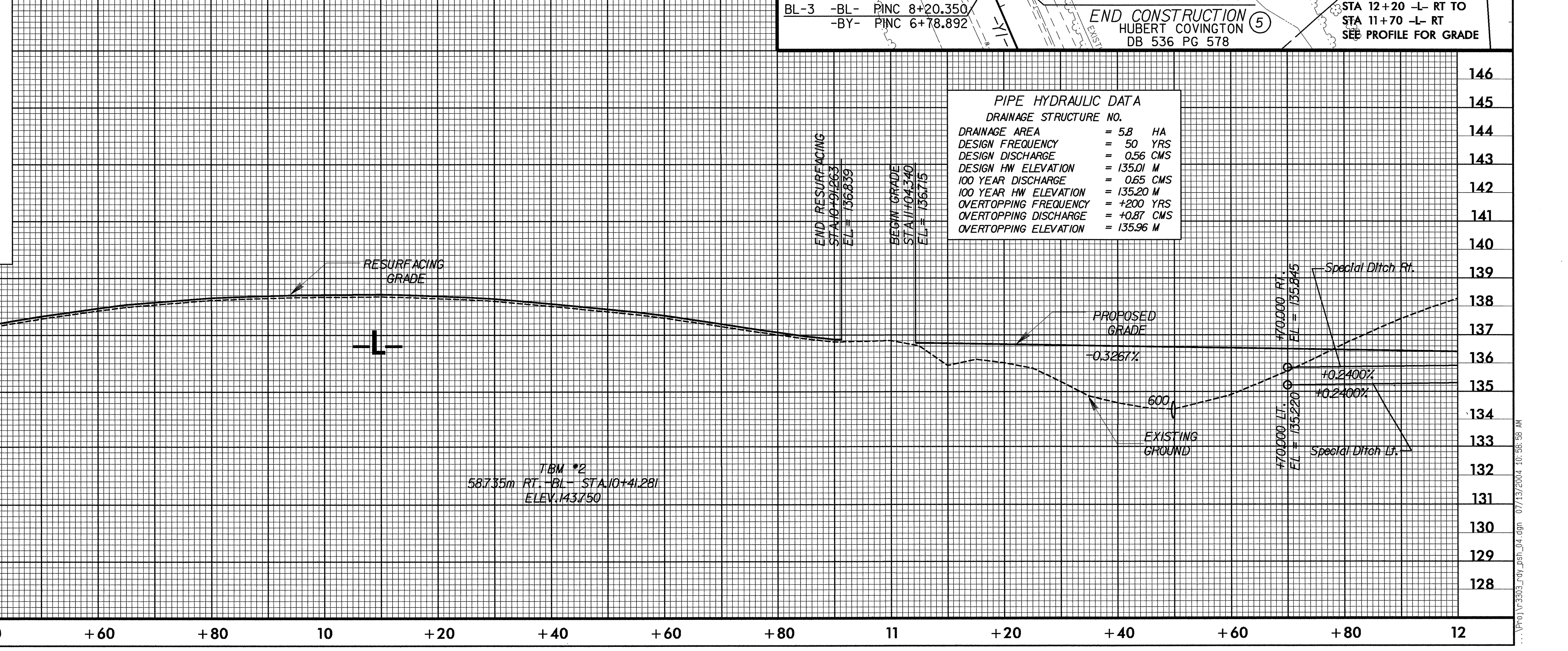


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DATUM DESCRIPTION

THE LOCALIZED COORDINATE SYSTEM DEVELOPED FOR THIS PROJECT IS BASED ON THE STATE PLANE COORDINATES ESTABLISHED BY NCDOT FOR MONUMENT "R2231-10" WITH NAD 83 STATE PLANE GRID COORDINATES OF NORTHING: 147335.107(m) EASTING: 542189.156(m) THE AVERAGE COMBINED GRID FACTOR USED ON THIS PROJECT (GROUND TO GRID) IS: 0.999861638 THE N.C. LAMBERT GRID BEARING AND LOCALIZED HORIZONTAL GROUND DISTANCE FROM "R2231-10" TO -L- STATION 8+40.000 IS N 21° 52' 15.9" W 2779.503m ALL LINEAR DIMENSIONS ARE LOCALIZED HORIZONTAL DISTANCES VERTICAL DATUM USED IS NGVD 29



PIPE HYDRAULIC DATA

DRAINAGE STRUCTURE NO.

DRAINAGE AREA	= 5.8	HA
DESIGN FREQUENCY	= 50	YRS
DESIGN DISCHARGE	= 0.56	CMS
DESIGN HW ELEVATION	= 135.01	M
100 YEAR DISCHARGE	= 0.65	CMS
100 YEAR HW ELEVATION	= 135.20	M
OVERTOPPING FREQUENCY	= +200	YRS
OVERTOPPING DISCHARGE	= +0.87	CMS
OVERTOPPING ELEVATION	= 135.96	M