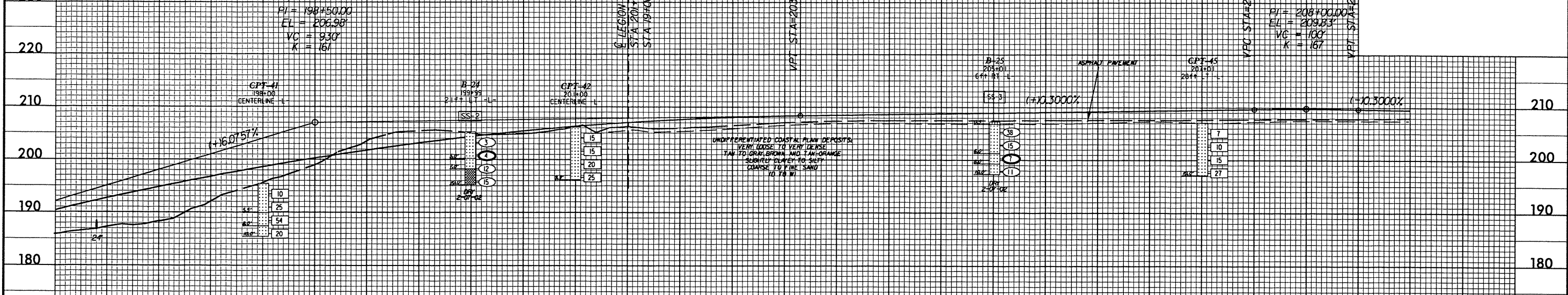


PIPE HYDRAULIC DATA
DRAINAGE STRUCTURE NO.
 DRAINAGE AREA = 4.60 AC
 DESIGN FREQUENCY = 50 YRS
 DESIGN DISCHARGE = 14.5 CFS
 DESIGN HW ELEVATION = 188.86 FT
 100 YEAR DISCHARGE = 15.6 CFS
 100 YEAR HW ELEVATION = 189.96 FT
 OVERTOPPING FREQUENCY = 100+ YRS
 OVERTOPPING DISCHARGE = 20.0 CFS
 OVERTOPPING ELEVATION = 189.50 FT

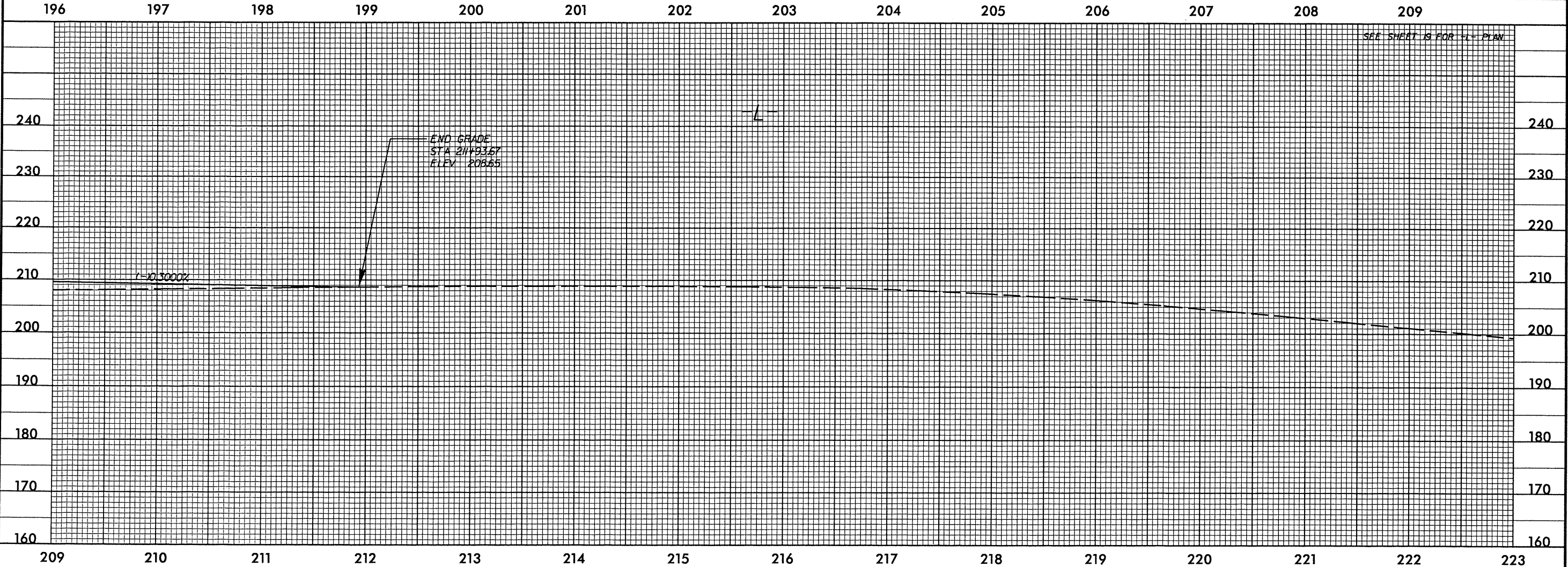
SEE SHEET 18 FOR -L- PLAN

PROJECT REFERENCE NO. U-0620	SHEET NO. 32
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
LEGEND	
[X] N60 EQUIVALENT	



SOIL TEST RESULTS

SAMPLE NO.	STATION	OFFSET	LINE	DEPTH INTERVAL	AASHTO CLASS.	LL	PI	% PASSING (SIEVES)				% MOL.	% ORG.	
								C. SAND	F. SAND	SILT	CLAY			
SS-2	199+99	21 ft LT	-L-	3.5 - 5.0	A-3 (0)	14	NP	46	50	1	3	100	82	6
SS-3	205+01	6 ft RT	-L-	6.0 - 7.5	A-3 (0)	17	NP	36	61	1	2	100	87	4



SEE SHEET 19 FOR -L- PLAN