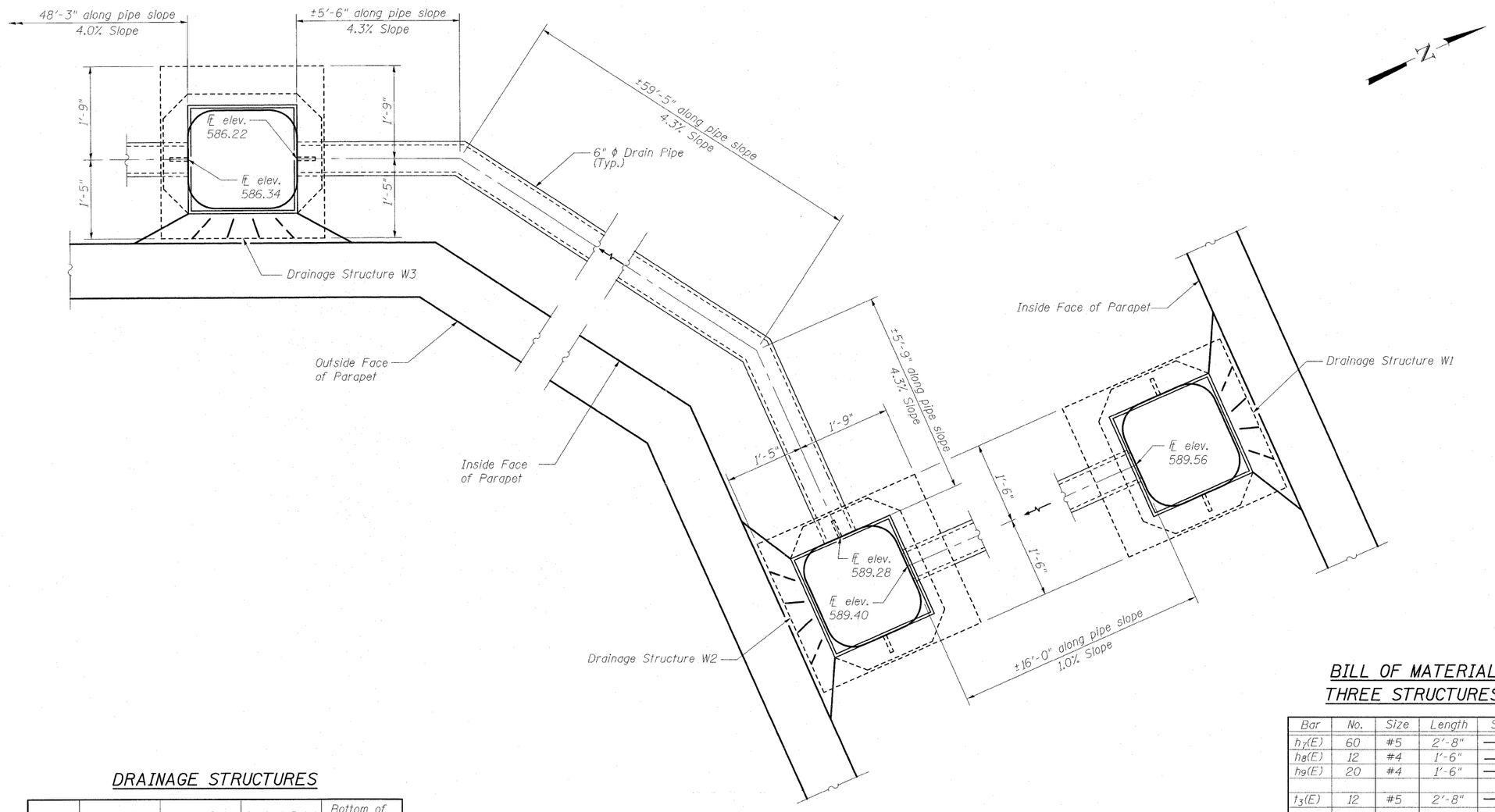

WEST APPROACH DRAINAGE PLAN

DRAINAGE STRUCTURES

	Control Point Station	Control Point Offset	Control Point Elevation	Bottom of Bottom Slab Elevation
W1	25+42.54	11.35' Lt.	591.46	588.82
W2	25+42.08	11.30' Rt.	591.32	588.74
W3	24+57.81	7.00' Rt.	588.62	585.68

BILL OF MATERIAL
THREE STRUCTURES

Bar	No.	Size	Length	Shape
$h_7(E)$	60	#5	2'-8"	
$h_8(E)$	12	#4	1'-6"	
$h_9(E)$	20	#4	1'-6"	
$t_3(E)$	12	#5	2'-8"	
$v_{10}(E)$	36	#4	2'-1"	
$w_4(E)$	12	#5	2'-10"	
Reinforcement Bars, Epoxy Coated			Pound	320
Concrete Structures			Cu. Yd.	1.8
Pipe Drains, 6"			Foot	135
Frame and Grate Type 20			Each	3

Notes:
See sheet 38 of 46 for Drainage Structure Details.
See sheet 38 of 46 for Bar Bend Details.