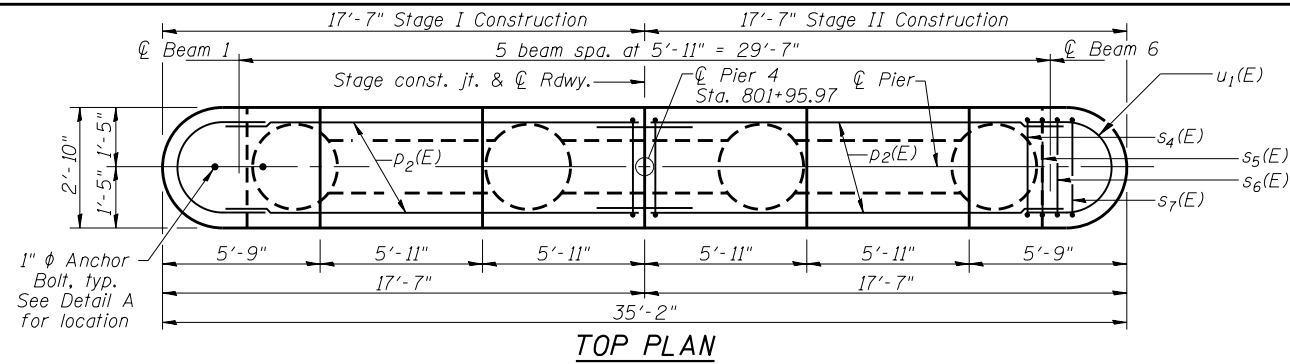
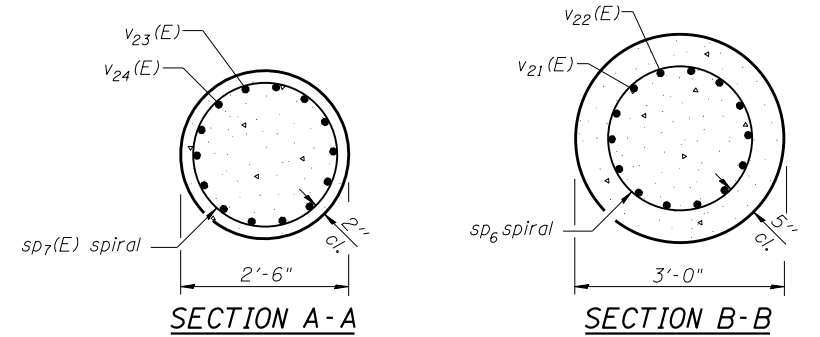


BAR $s_4(E)$, $s_5(E)$, $s_6(E)$ & $s_7(E)$

Note: When splicing of spiral reinforcement is necessary, the spirals shall be provided with $\frac{1}{2}$ extra turns at the ends to be spliced. These additional turns shall either be welded together according to AWS D1.4 or shall both terminate with a 135° standard hook.

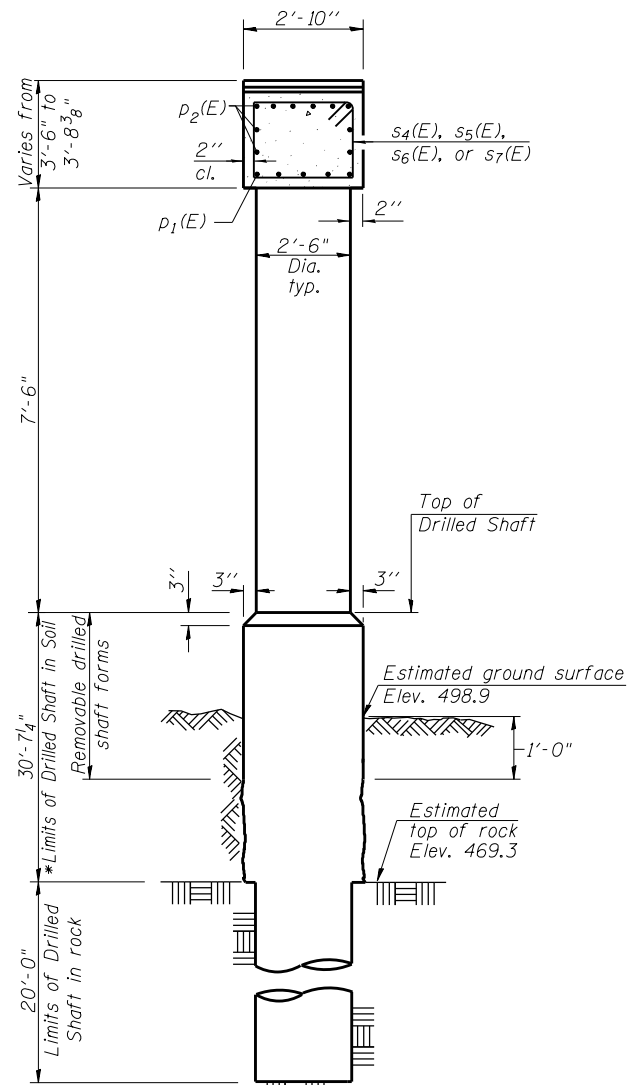


TOP PLAN

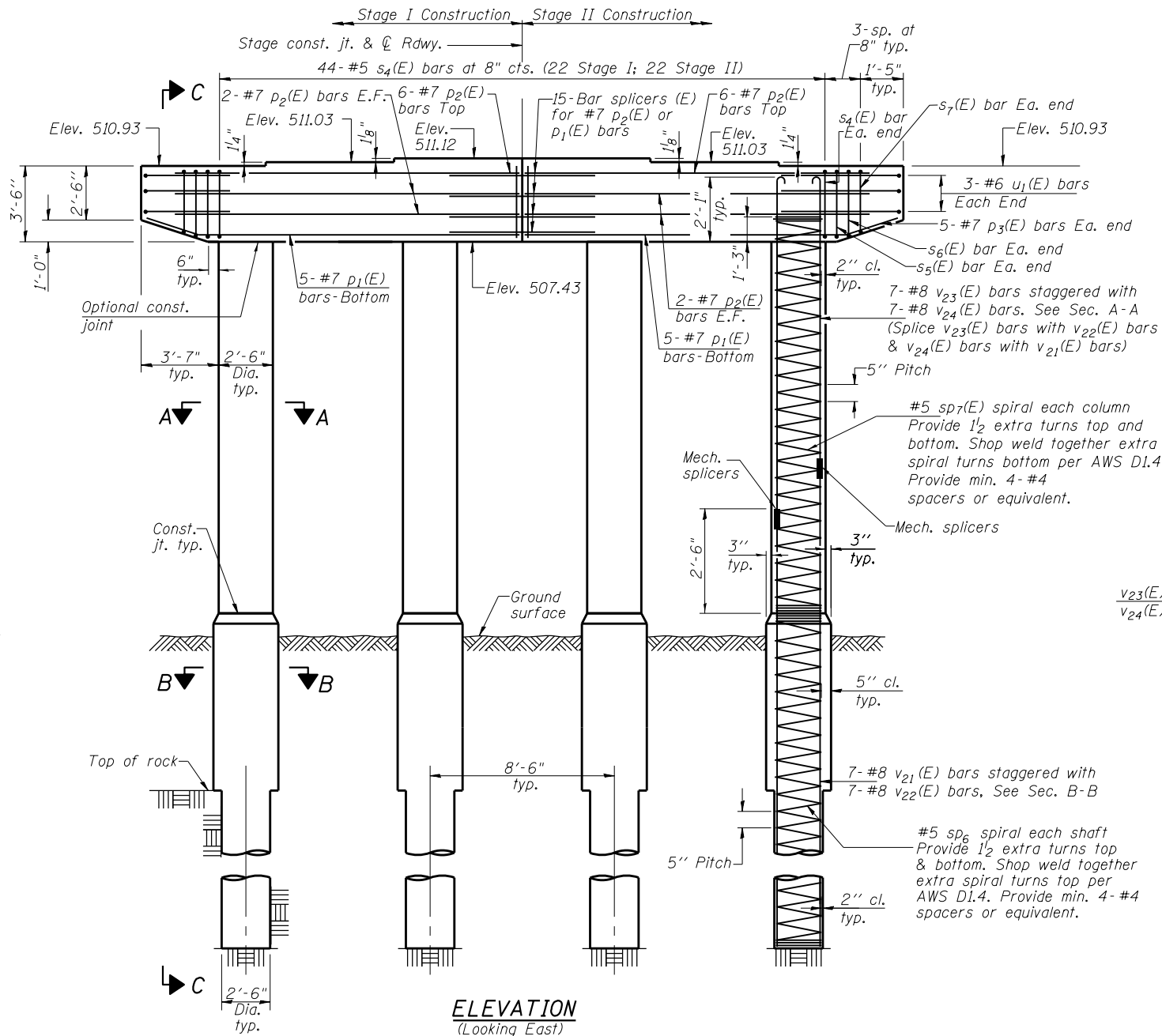


SECTION A-A

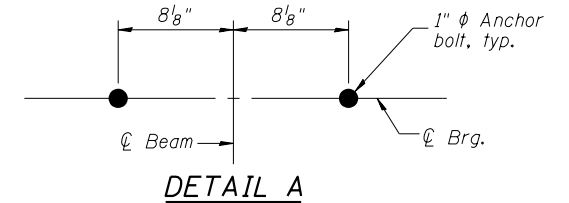
SECTION B-B



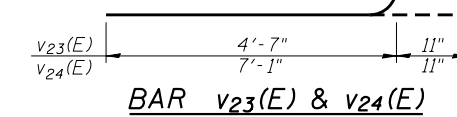
SECTION C-C



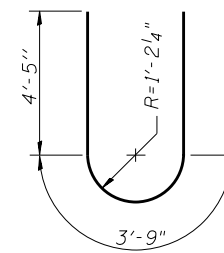
ELEVATION
(Looking East)



DETAIL A



BAR $v_{23}(E)$ & $v_{24}(E)$



BAR $u_1(E)$

BILL OF MATERIAL

Bar	No.	Size	Length	Shape
$p_1(E)$	10	#7	14'-4"	—
$p_2(E)$	20	#7	16'-0"	—
$p_3(E)$	10	#7	3'-1"	—
$s_4(E)$	44	#5	12'-3"	□
$s_5(E)$	2	#5	12'-1"	□
$s_6(E)$	2	#5	11'-7"	□
$s_7(E)$	2	#5	11'-1"	□
sp_6	4	#5	50'-4"	⊘
$sp_7(E)$	4	#5	8'-9"	⊘
$u_1(E)$	6	#6	12'-7"	U
$v_{21}(E)$	28	#8	53'-1"	—
$v_{22}(E)$	28	#8	55'-7"	—
$v_{23}(E)$	28	#8	5'-6"	U
$v_{24}(E)$	28	#8	8'-0"	U
Concrete Structures	Cu. Yd.		18.4	
Reinforcement Bars	Pound		3520	
Reinforcement Bars, Epoxy Coated	Pound		11,570	
Drilled Shaft in Soil	Cu. Yd.		32.0	
Drilled Shaft in Rock	Cu. Yd.		14.5	

* If the prevailing water surface elevation during construction is consistently different than estimated on the plans, the contractor may propose an adjustment to the top of the drilled shaft elevation as part of their installation procedure. The top of all drilled shafts within a substructure unit shall be constructed to the same elevation and extend above the prevailing water surface. The quantities and reinforcement detailing are based on the top of shaft and the estimated elevations shown and may change based on the actual elevations encountered at each shaft and the final top of shaft elevation.

Cast steps monolithically with cap.
Space cap reinforcement to miss anchor bolts.
Minimum lap for spirals = 3'-9"
** Length is height of spiral.