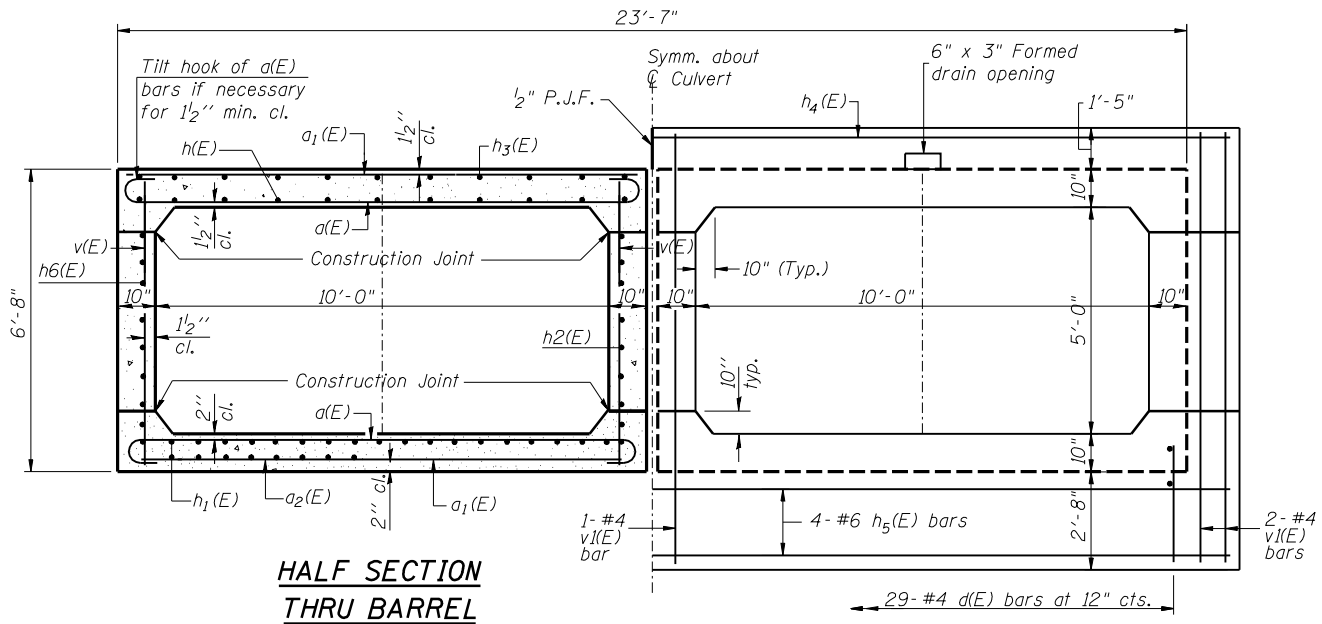


The precast box culvert manufacturer shall omit concrete for the last 12" of the box, allowing exposed wire mesh reinforcement to be cast into the end section for 10" ±.

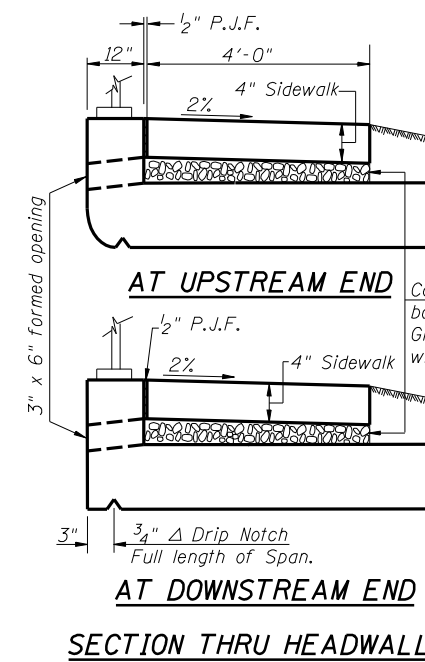
LONG SECTION

Dimensions are at right angles to ϕ Roadway



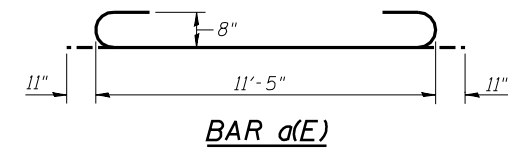
HALF SECTION THRU BARREL

HALF END ELEVATION

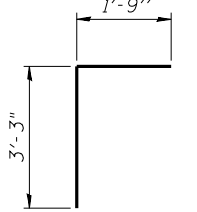


AT UPSTREAM END

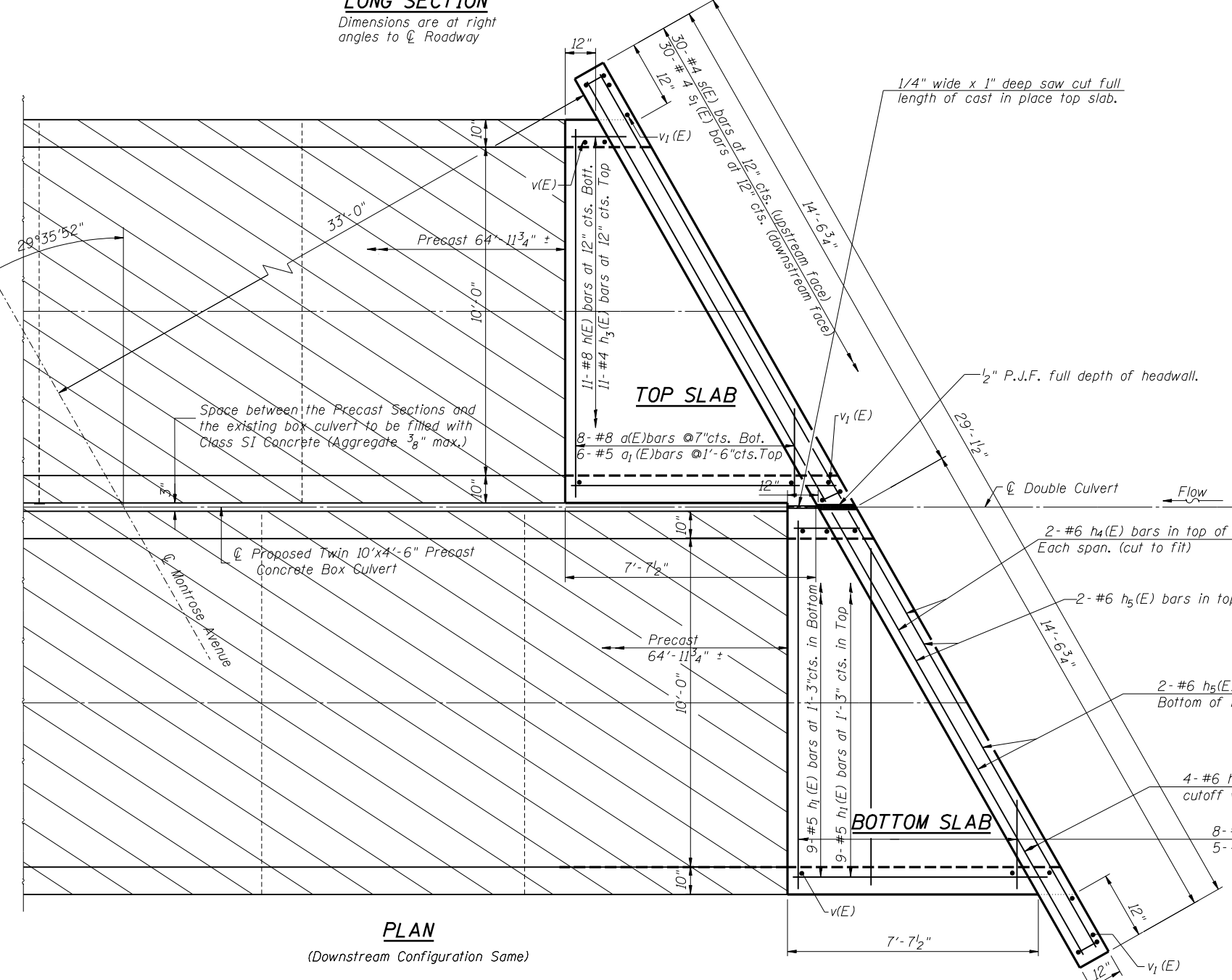
AT DOWNSTREAM END



BAR a(E)



BAR d(E)



TOP SLAB

BOTTOM SLAB

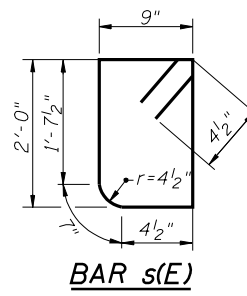
PLAN

(Downstream Configuration Same)

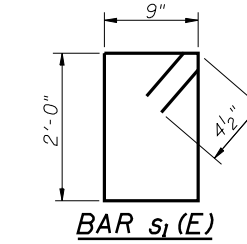
BILL OF MATERIAL

Bar	No.	Size	Length	Shape	
a(E)	32	#8	13'-3"		
a1(E)	12	#5	11'-5"		
a2(E)	10	#4	11'-5"		
d(E)	58	#4	5'-0"		
h(E)	22	#8	8'-5"		
h1(E)	36	#5	8'-5"		
h2(E)	24	#5	1'-10"		
h3(E)	22	#4	8'-5"		
h4(E)	8	#6	14'-9"		
h5(E)	16	#6	28'-10"		
h6(E)	24	#5	8'-6"		
v(E)	44	#4	6'-4"		
v1(E)	12	#4	10'-6"		
s(E)	30	#4	6'-1"		
sj(E)	30	#4	6'-3"		
Concrete Box Culverts				Cu. Yd.	33.4
Reinforcement Bars (Epoxy Coated)				Pound	4,130

Note: Totals reflect 2 end sections
L.W. = Long Wall
S.W. = Short Wall



BAR s(E)



BAR sj(E)

Cut a(E), a1(E), a2(E), h(E), h1(E) and h3(E) bars to fit skew. Use balance of bar in opposite end. Place hooks at alternating ends.

Designed By TMM Checked By JJF
 Drawn By JJF Checked By RLP
 1/29/2010 12:11:14 PM
 O:\Dwt\Proj\p\Projects\Crystal Creek\JUF\Culvert No 1 Details.dgn