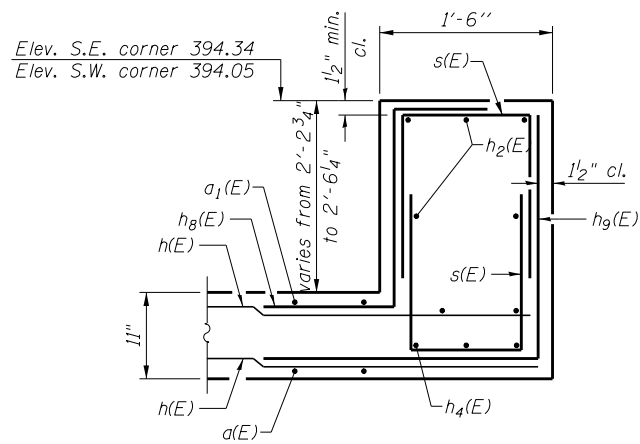
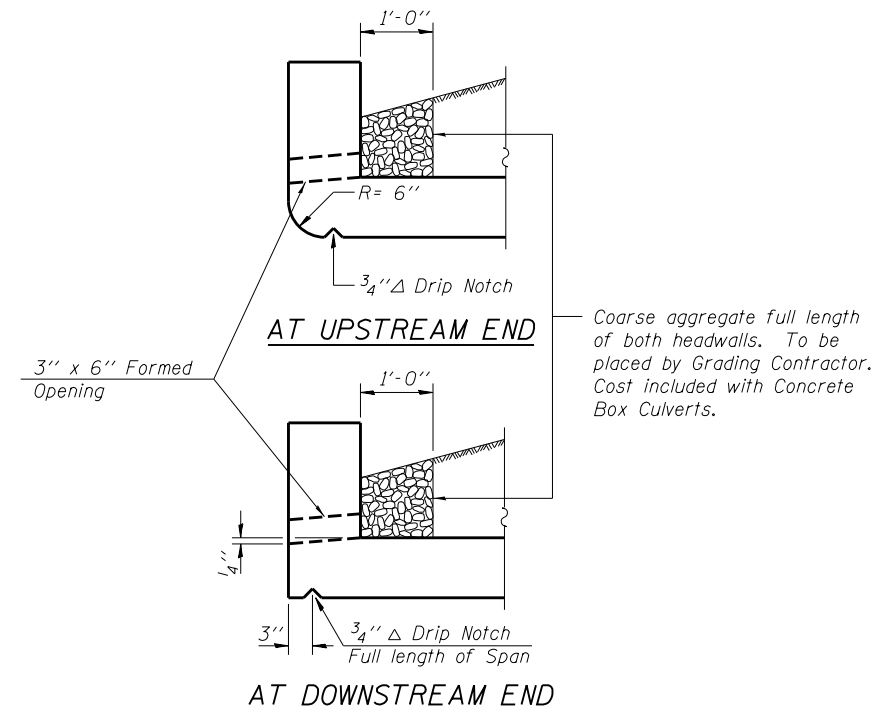


NORTH HEADWALL REINFORCEMENT

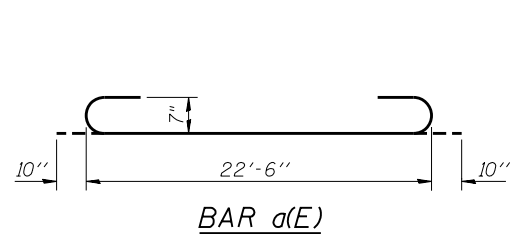


SOUTH HEADWALL REINFORCEMENT

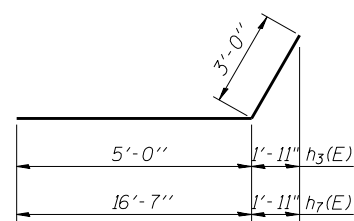
HEADWALL REINFORCEMENT DETAIL



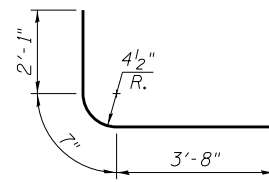
DRAIN DETAIL



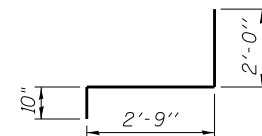
BAR a(E)



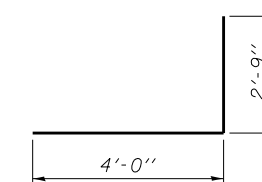
BARS h3(E) & h7(E)



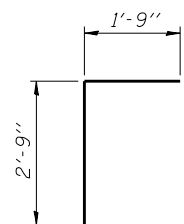
BAR h10(E)



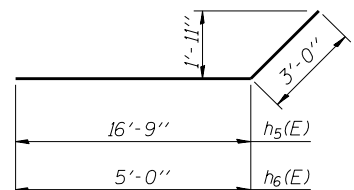
BAR h8(E)



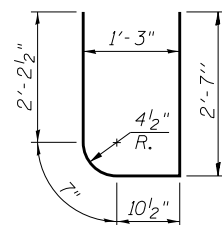
BAR h9(E)



BAR d(E)



BARS h5(E) & h6(E)



BAR s1(E)



BAR s(E)

BILL OF MATERIAL

Bar	No.	Size	Length	Shape
a(E)	96	#7	24'-2"	U
a1(E)	106	#7	22'-6"	—
d(E)	42	#4	4'-6"	—
h(E)	99	#5	35'-2"	—
h1(E)	42	#6	35'-2"	—
h2(E)	16	#7	21'-2"	—
h3(E)	54	#9	8'-0"	—
h4(E)	10	#7	22'-10"	—
h5(E)	54	#9	19'-9"	—
h6(E)	54	#9	8'-0"	—
h7(E)	54	#9	19'-7"	—
h8(E)	44	#5	5'-7"	—
h9(E)	22	#5	6'-9"	—
h10(E)	22	#5	6'-4"	—
s(E)	66	#5	6'-5"	U
s1(E)	22	#5	6'-3"	U
v(E)	148	#6	10'-1"	—
v1(E)	148	#6	4'-6"	—
v2(E)	16	#4	16'-1"	—
Concrete Box Culverts			Cu. Yd.	135.7
Reinforcement Bars, Epoxy Coated			Pound	31,470

FILE NAME = ...  
PROJECT NO. 08055-214

**Coombe-Bloxdorf P.C.**  
- CIVIL ENGINEERS -  
- STRUCTURAL ENGINEERS -  
- LAND SURVEYORS -  
Design Firm License No. 184-002703

USER NAME = \*USER\*  
PLOT SCALE = \*SCALE\*  
PLOT DATE = 1/23/2014

DESIGNED - CME  
CHECKED - MCB  
DRAWN - MML  
CHECKED - MCB

REVISED -  
REVISED -  
REVISED -  
REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

CULVERT DETAILS  
STRUCTURE NO. 083-2022

SHEET NO. 4 OF 6 SHEETS

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
899	8B-1	SALINE	33	21
ILLINOIS FED. AID PROJECT			CONTRACT NO. 78268	