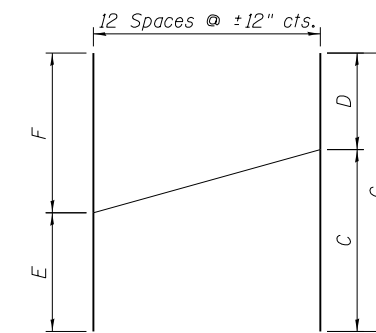


Notes:

1. Wall dimensions are measured along F.F. of wall. See sheet SW1 for location.
2. Stations and offsets for the wall are given from the Ramp C to the F.F. of wall.
3. Fan Horizontal bars (h Bars) at 12" cts. max.

REINFORCEMENT BAR LIST				
Bar	No.	Size	Length	Shape
h ₃₀₀ (E)	68	#6	24'-8"	—
v ₃₁₂ (E)	26	#6	10'-5"	—
v ₃₁₃ (E)	13	#6	20'-1"	—
v ₃₁₄ (E)	26	#6	10'-0"	—
v ₃₁₅ (E)	13	#6	19'-5"	—
v ₃₁₆ (E)	26	#6	9'-9"	—
v ₃₁₇ (E)	13	#6	18'-11"	—



BARS v₃₁₃(E), v₃₁₅(E), v₃₁₇(E)

Bar	C	D	E	F	G
v ₃₁₃ (E)	10'-3"	9'-10"	10'-1"	10'-0"	20'-1"
v ₃₁₅ (E)	9'-10"	9'-7"	9'-9"	9'-8"	19'-5"
v ₃₁₇ (E)	9'-7"	9'-4"	9'-6"	9'-5"	18'-11"

BAR CUTTING DIAGRAM

* Order Bars Full Length, Cut to Fit

BARS v₃₁₂(E), v₃₁₄(E), v₃₁₆(E)

Bar	A	B
v ₃₁₂ (E)	4'-11"	10'-3"
v ₃₁₄ (E)	4'-6"	9'-10"
v ₃₁₆ (E)	4'-3"	9'-7"

* Cut in Field to Fit

BILL OF MATERIAL

DESCRIPTION	UNIT	QUANTITY
Structure Excavation	Cu. Yd.	110.8
Concrete Structures	Cu. Yd.	30.5
Stud Shear Connectors	Each	270
Reinforcement Bars, Epoxy Coated	Pound	4,839
Concrete Sealer	Sq. Ft.	642
Geocomposite Wall Drain	Sq. Yd.	25
Untreated Timber Lagging	Sq. Ft.	596
Furnishing Soldier Piles (W Section)	Foot	810
Pipe Underdrains for Structures 4"	Foot	75
Drilling and Setting Soldier Piles (In Soil)	Cu. Ft.	5,738

NOTE:

For Top of Pile Elevations & Pile Tip Elevations, see Soldier Pile Schedule, Sht. SW9.

LEGEND

- E.F. = Each face
- F.F. = Front Face
- B.F. = Back Face
- C.I.P. = Cast-In-Place
- (C) = Construction Joint
- (E) = Expansion Joint
- (4) = Panel Numbers
- (12) = Pile Numbers

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN AND ELEVATION (STA. 122 + 23.76 TO STA. 122 + 95.42)
STRUCTURE NO. 016-2014

SHEET NO. SW7 OF SW11 SHEETS

F.A.I. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	0303-474HB-R	COOK	368	319

CONTRACT NO. 60F63

ILLINOIS FED. AID PROJECT



USER NAME	DESIGNED	REVISIONS
GFP	GFP	
GMK	GMK	
GFP	GFP	
DATE	3/5/2013	

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