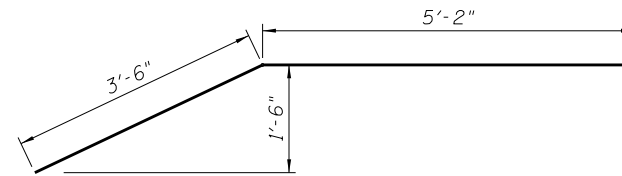
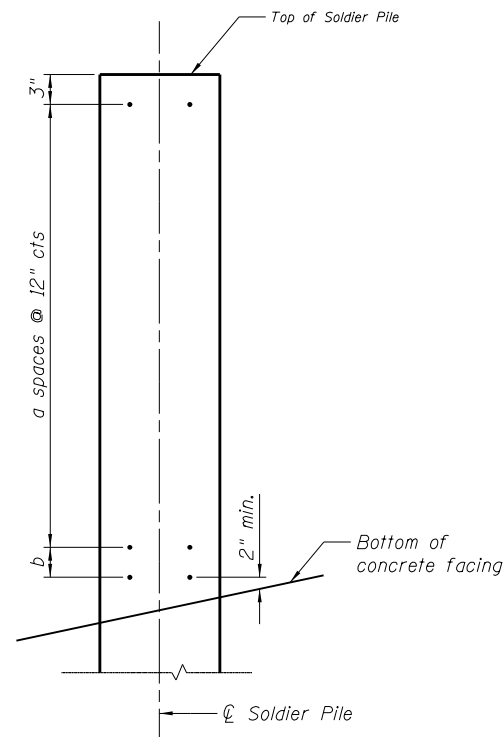


SOLDIER PILE DATA

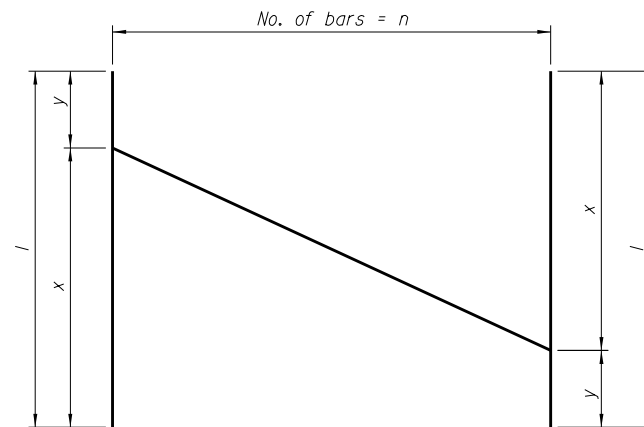
Panel	Soldier Pile Designation	Top of soldier Pile Elevation	Estimated Top of Rock Elevation	Bottom of Soldier Pile Elevation	Top of Concrete Encasement Elevation	Top of C.L.S.M. Elevation	Stud Shear Connector Data		
							a	b	Total/Pile
A	A ₁ (W Section)	626.70	615.20	610.20	619.80	626.10	6	9"	16
	A ₂ (W Section)	626.45	615.20	610.20	620.25	625.90	6	0	14
B	B ₁ (W Section)	626.21	615.20	610.20	620.70	625.67	5	0	12
	B ₂ (W Section)	625.96	615.20	610.20	621.15	625.44	4	4"	12
	B ₃ (W Section)	627.41	615.20	610.20	621.58	626.90	5	0	12
C	C ₁ (Built-Up Sect.)	627.41	615.20	610.20	621.78	626.90	5	0	24
	C ₂ (W Section)	627.45	615.20	610.20	621.78	626.90	5	0	12
Total									102



BAR h₃(E)



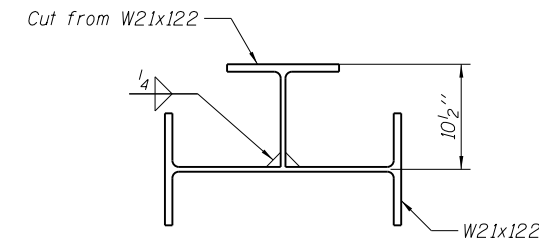
SHEAR STUD CONNECTOR SPACING



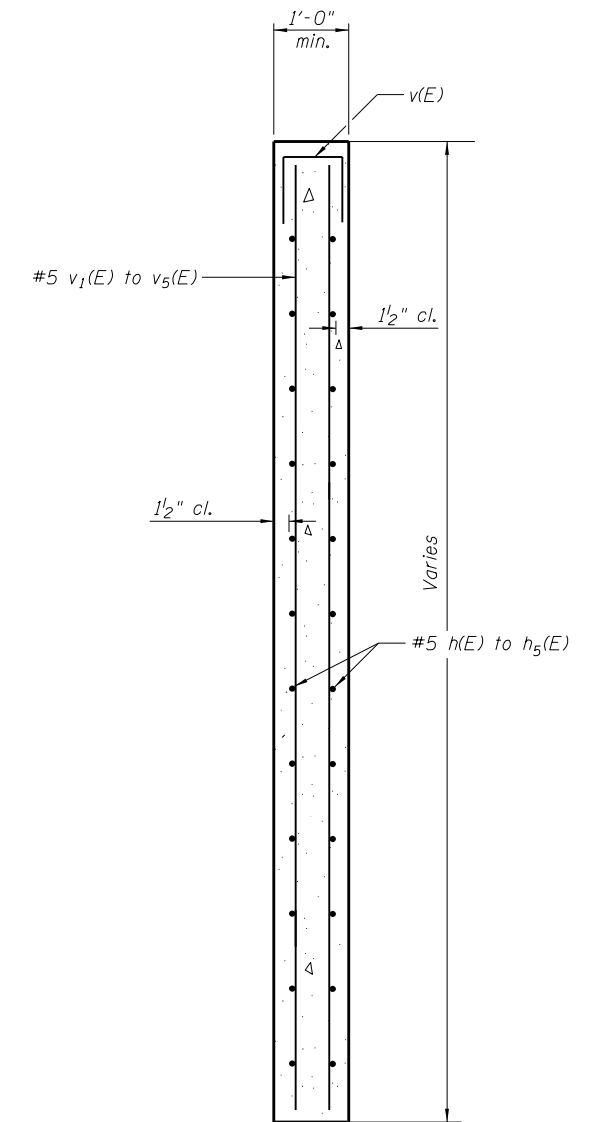
BAR CUTTING DIAGRAM

BAR DIMENSIONS

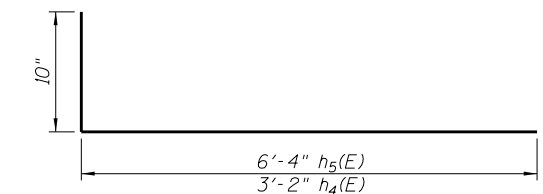
BAR	n	x	y	l
v ₁ (E)	16	10'-5"	8'-11"	19'-4"
v ₂ (E)	12	8'-6"	7'-6"	16'-0"
v ₃ (E)	3	8'-8"	7'-8"	16'-4"
v ₄ (E)	6	8'-8"	8'-3"	16'-11"



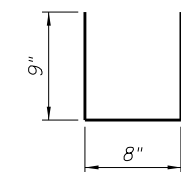
BUILT-UP SECTION



SECTION A-A



BARS h₄(E) to h₅(E)



BAR v(E)

FILE NAME = Z64E08-004-Soldier Pile Wall Data.dgn
 MODEL = Default
 PLOT DRIVER = V8...IDOT...PDF...1x17.pltcf9



USER NAME =	DESIGNED -	REVISED
	CHECKED -	REVISED
PLOT SCALE =	DRAWN -	REVISED
PLOT DATE =	CHECKED -	REVISED

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**SOLDIER PILE WALL DATA
 RETAINING WALL #1**

SHEET NO. 4 OF 7 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
308	103BR-4	JO DAVIESS	159	114
CONTRACT NO. 64E08				

ILLINOIS FED. AID PROJECT