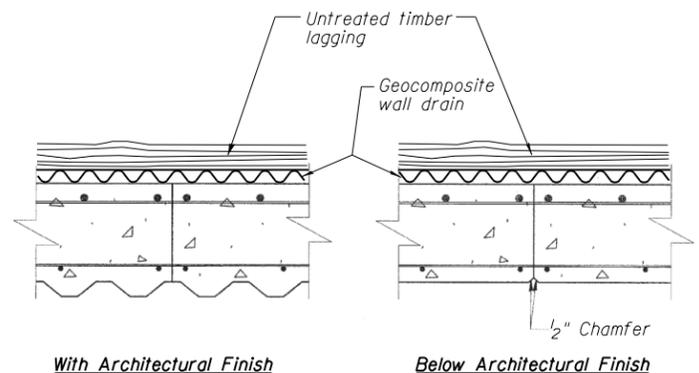


FORM LINER TEXTURED SURFACE DETAIL



CONSTRUCTION JOINT DETAIL

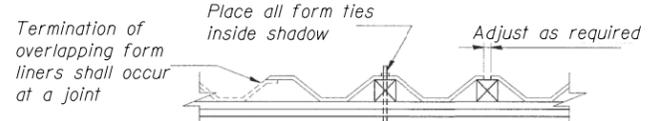
RETAINING WALL SERVICE PAD SCHEDULE

(For information only)

TOWER ID IJ3				
Bar	No.	Size	Length	Shape
h(E)	14	# 6	14'-6"	—
h2(E)	28	# 6	9'-3"	┌
h2(E)	4	# 6	10'-7"	└
h3(E)	24	# 6	10'-4"	—
v20(E)	50	# 6	5'-8"	—
v21(E)	12	# 6	9'-0"	—
Concrete Structures		Cu. Yd.	7.5	
Reinforcement Bars, Epoxy Coated		Pound	1,720	
Stud Shear Connectors		Each	40	
Pipe Handrail		Foot	23	
Geocomposite Wall Drain		Sq. Yd.	8	
Form Liner Textured Surface		Sq. Ft.	162	

TOWER ID QR2				
Bar	No.	Size	Length	Shape
h(E)	14	# 6	14'-6"	—
h2(E)	28	# 6	9'-3"	┌
h2(E)	4	# 6	10'-7"	└
h3(E)	24	# 6	10'-4"	—
v20(E)	50	# 6	5'-8"	—
v22(E)	12	# 6	10'-1"	—
Concrete Structures		Cu. Yd.	7.7	
Reinforcement Bars, Epoxy Coated		Pound	1,740	
Stud Shear Connectors		Each	40	
Pipe Handrail		Foot	23	
Geocomposite Wall Drain		Sq. Yd.	10	
Form Liner Textured Surface		Sq. Ft.	274	

TOWER ID IJ4				
Bar	No.	Size	Length	Shape
h(E)	20	# 6	14'-6"	—
h2(E)	40	# 6	9'-3"	┌
h2(E)	4	# 6	10'-7"	└
h3(E)	36	# 6	10'-4"	—
v23(E)	50	# 6	8'-8"	—
v24(E)	12	# 6	16'-4"	—
Concrete Structures		Cu. Yd.	118	
Reinforcement Bars, Epoxy Coated		Pound	2,560	
Stud Shear Connectors		Each	64	
Pipe Handrail		Foot	23	
Geocomposite Wall Drain		Sq. Yd.	13	
Form Liner Textured Surface		Sq. Ft.	168	



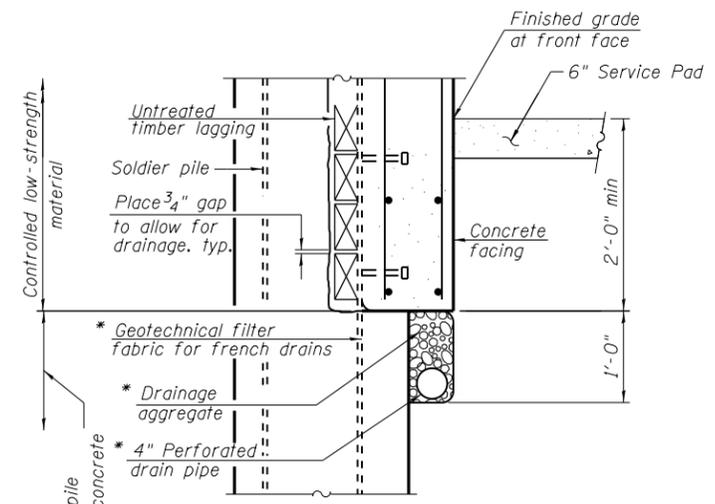
SUGGESTED FORMWORK DETAIL

RETAINING WALL BILL OF MATERIAL

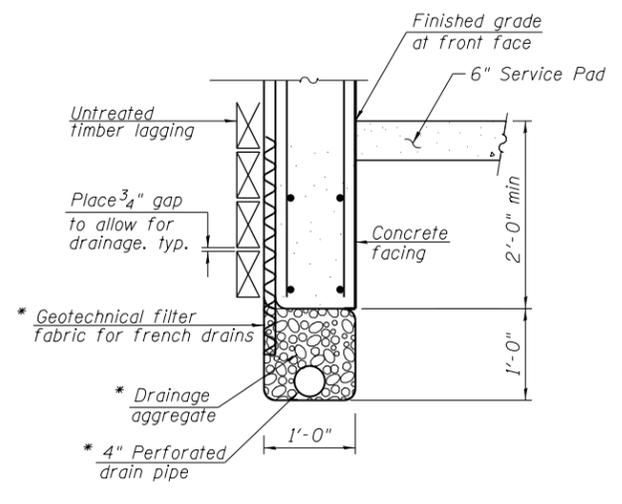
TOWER ID IJ3		
	Unit	Total
Furnishing Soldier Piles (HP Section)	Foot	76
Drilling and Setting Soldier Piles (In Soil)	Cu. Ft.	165
Drilling and Setting Soldier Piles (In Rock)	Cu. Ft.	76
Untreated Timber Lagging	Sq. Ft.	124

TOWER ID QR2		
	Unit	Total
Furnishing Soldier Piles (HP Section)	Foot	105
Drilling and Setting Soldier Piles (In Soil)	Cu. Ft.	384
Untreated Timber Lagging	Sq. Ft.	127

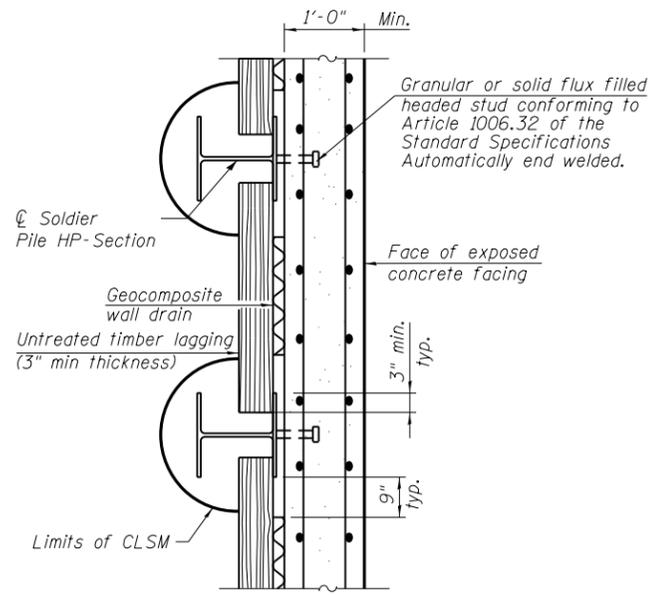
TOWER ID IJ4		
	Unit	Total
Furnishing Soldier Piles (HP Section)	Foot	195
Drilling and Setting Soldier Piles (In Soil)	Cu. Ft.	583
Drilling and Setting Soldier Piles (In Rock)	Cu. Ft.	26
Untreated Timber Lagging	Sq. Ft.	214



AT SOLDIER PILES



BETWEEN SOLDIER PILES



SECTION C-C

NOTES:

- The light tower and light tower foundation shall be paid for separately. All remaining work including service pad and items shown in the service pad schedule shall be paid for at the contract unit price per each for "Light Tower Service Pad, Special".
- Items shown in the retaining wall bill of material shall be paid for separately according to the special provision "Drilled Soldier Pile Retaining Wall".

* Included in the cost of Pipe Underdrains 4". See Grading Plans.

N:\PROJECTS\0003384\0003384_06_High_West_Design\Structural\CAD\0003384_06 Soldier_Pile_Wall_Detail.dgn



USER NAME = rdonley	DESIGNED - MHT	REVISED -
PLOT SCALE = 0.1667' / in.	CHECKED - BWS	REVISED -
PLOT DATE = 2/13/2012	DRAWN - RD	REVISED -
	CHECKED - BWS	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**F.A.I. ROUTE 80 AT U.S. ROUTE 30 LIGHTING
LIGHT TOWER, SERVICE PAD, SPECIAL (TYPE C)**

SHEET NO. S-8 OF S-17 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	2011-046-L	WILL	106	75
CONTRACT NO. 60P56				
ILLINOIS FED. AID PROJECT				