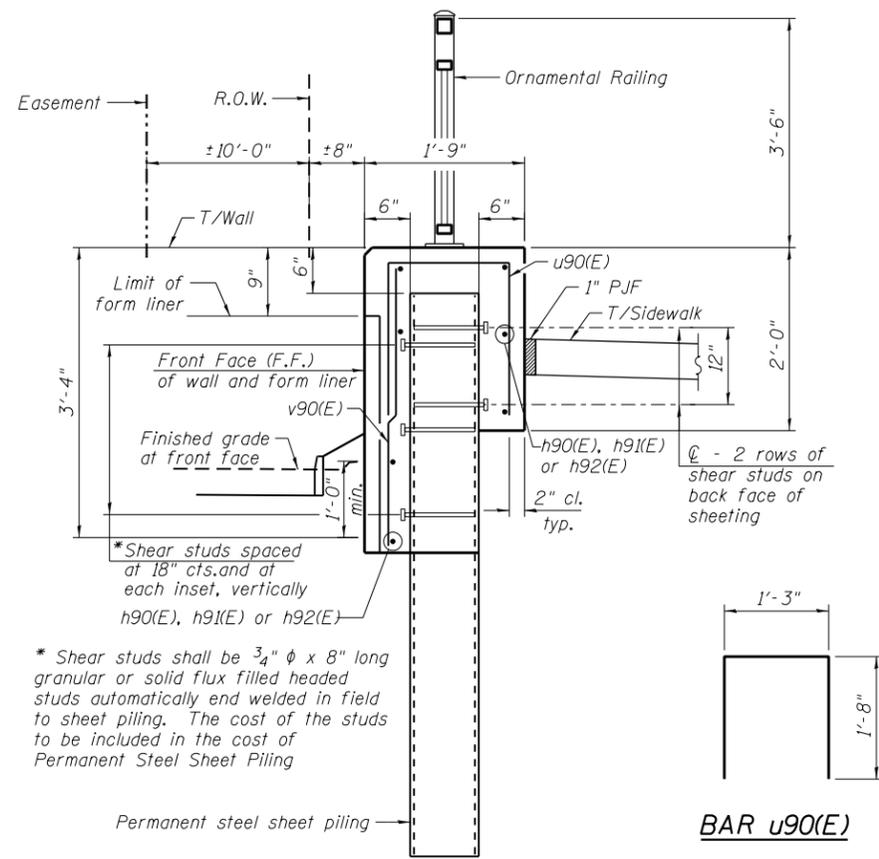


ELEVATION

(Looking West - F.F. of wall shown)



TYPICAL SECTION THROUGH WALL

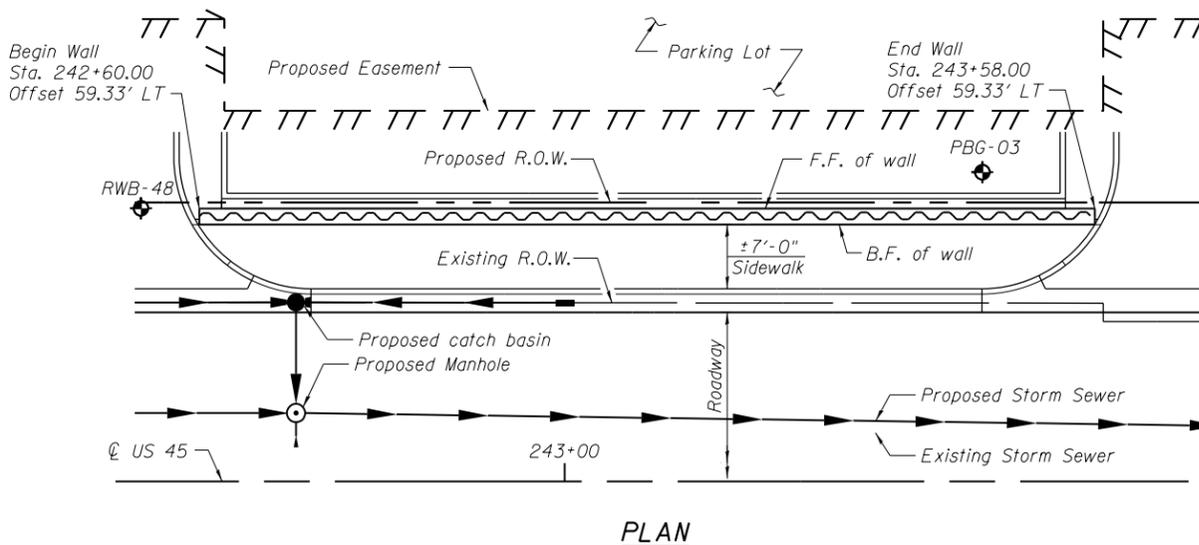
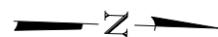
BILL OF MATERIAL

Bar	No.	Size	Length	Shape
h90(E)	14	#5	32'-11"	—
h91(E)	14	#5	18'-8"	—
u90(E)	108	#5	4'-7"	⊏
v90(E)	104	#5	3'-0"	—
Structure Excavation			Cu. Yd.	20
Concrete Structures			Cu. Yd.	21.2
Form Liner Textured Surface			Sq. Ft.	241
Reinforcement Bars, Epoxy Coated			Pound	1,600
Permanent Sheet Piling			Sq. Ft.	1,480
Ornamental Railing			Foot	98

Bars indicated thus 4x2-#5 etc. indicates 4 lines of bars with 2 lengths per line.

NOTES:

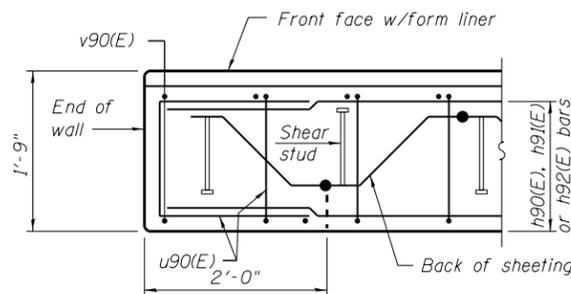
Wall stations, offsets and dimensions are measured at front face of wall.
 All exposed corners shall have a 1" chamfer.
 For General Notes, Wall Key Plan and US 45 Profile, see Sheet 1.
 For Typical Wall Details and Ornamental Railing see Sheet 2.
 The details for the concrete cap, reinforcement and required number of shear stud connectors are based on Section AZ 18 sheet piling. If the Contractor chooses to use any other section, then the Contractor shall submit revised concrete cap and reinforcement configuration for approval by the Engineer. Such changes shall not be cause for additional compensation.



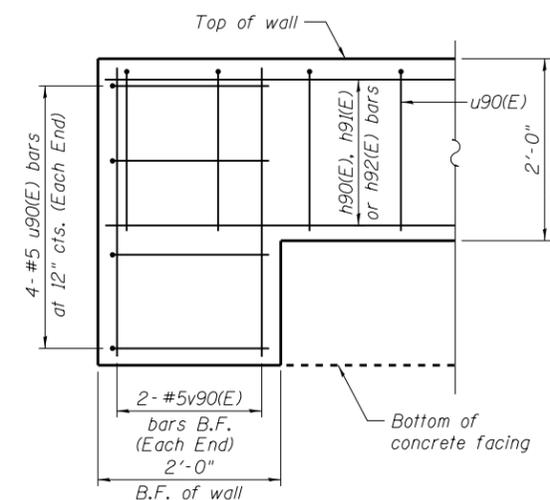
PLAN

BAR LAPS

Basic Lap #5 bars - 2'-7"
 Top Bar Lap #5 bars - 2'-11"



PLAN AT END OF WALL



TYPICAL END CAP DETAIL

(v90(E) bars at F.F. not shown for clarity)

LEGEND

- ⊙ - Panel No.
- ⊕ - Soil Boring
- F.F. - Front Face
- B.F. - Back Face
- E.F. - Each Face

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URS

FILE NAME = D160M61-SHT-Wall.09-1.dgn	USER NAME = Anthony.Plutz	DESIGNED - SAT	REVISD -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	RETAINING WALL NO. 9 - S.N.016-2035 STA. 242+60.00 TO 243+58.00	F.A.P. R.T.E. = 330	SECTION = 103R-4	COUNTY = COOK	TOTAL SHEETS = 877	SHEET NO. = 485	
	PLOT SCALE = 20.0000' / in.	DRAWN - SAT	REVISD -			CONTRACT NO. 60M61					
	PLOT DATE = 3/14/2013	CHECKED - MJL	REVISD -			ILLINOIS FED. AID PROJECT					
SHEET NO. 9 OF 42 SHEETS											