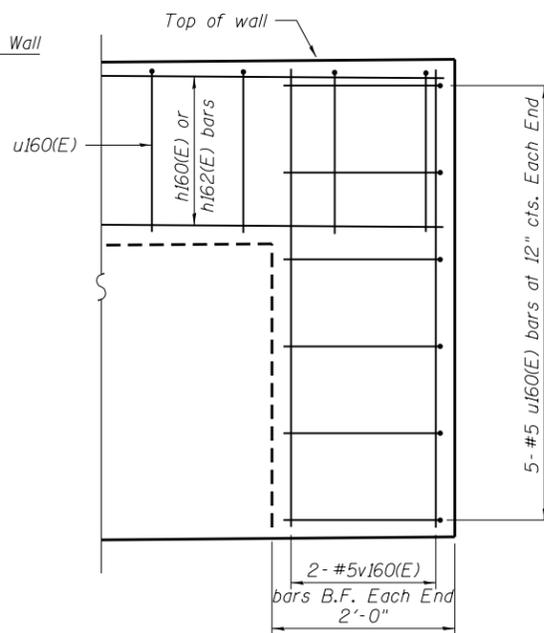
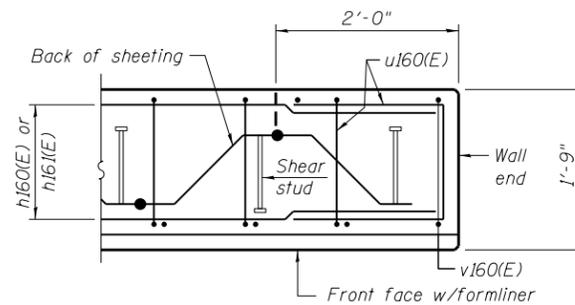


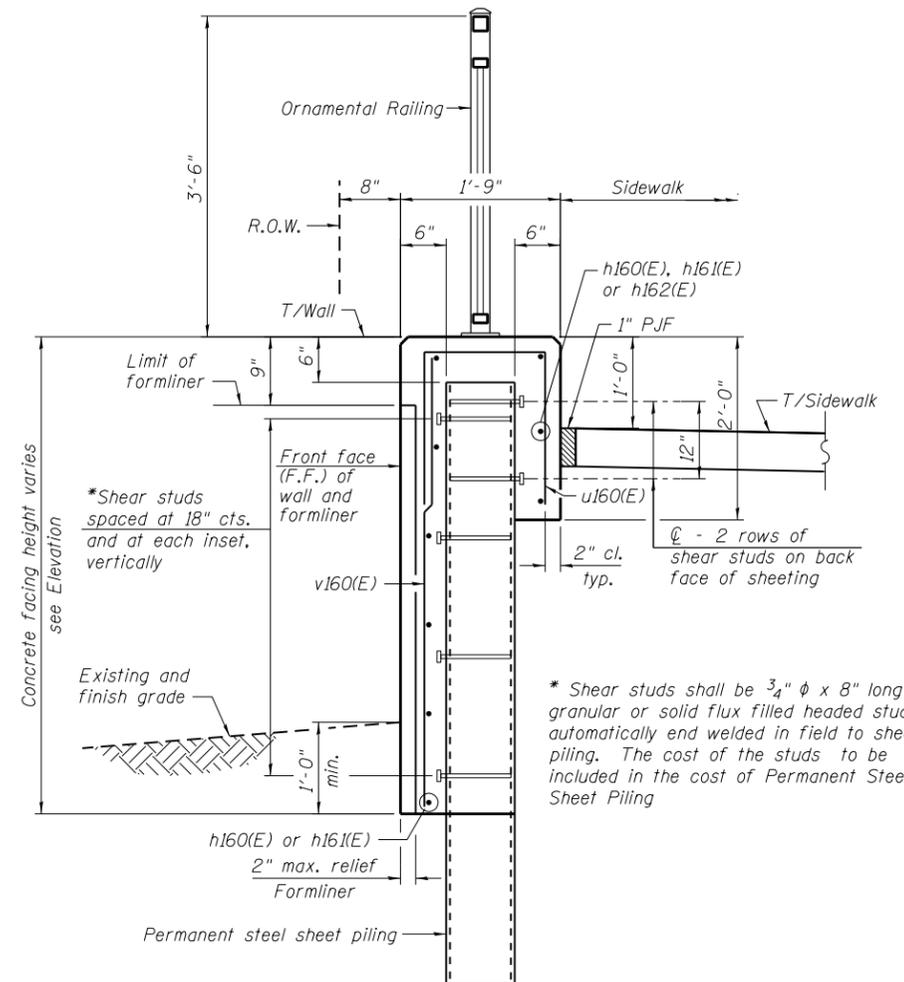
ELEVATION
(Looking East at F.F. of wall)



TYPICAL END CAP DETAIL
(v160(E) bars in F.F. not shown for clarity)



PLAN AT END OF WALL



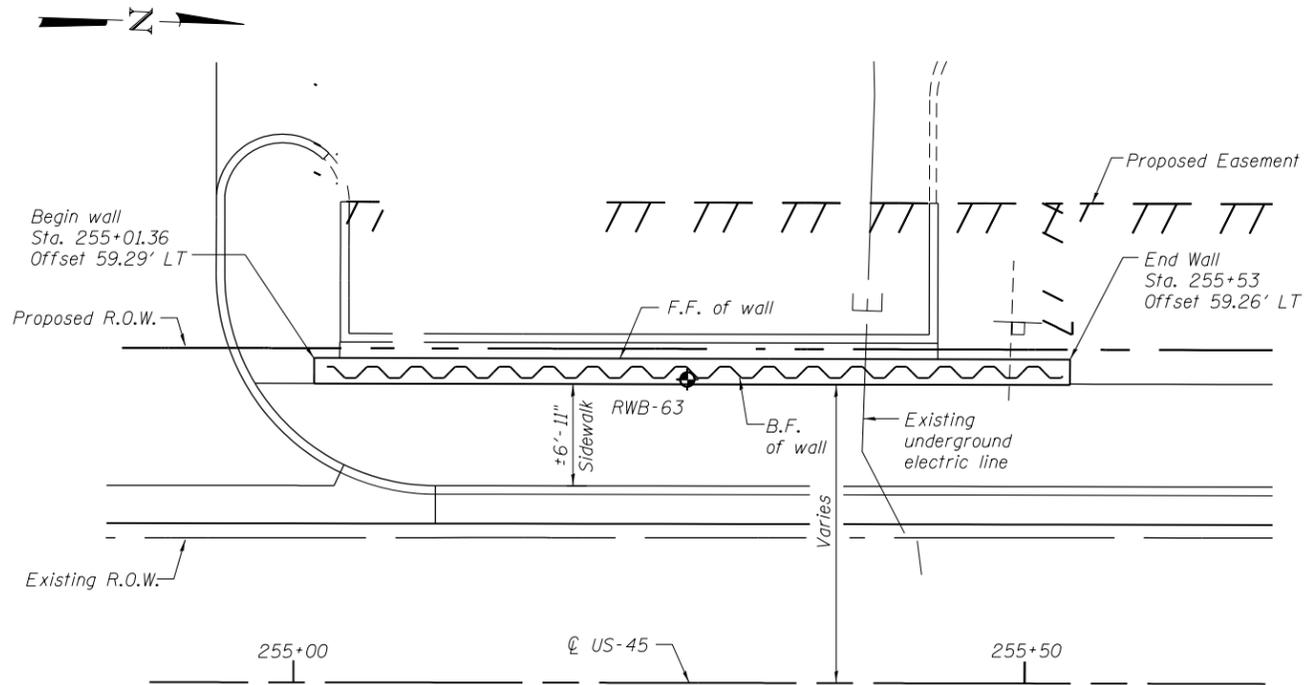
TYPICAL SECTION THROUGH WALL

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.

BILL OF MATERIAL

Bar	No.	Size	Length	Shape
h160(E)	8	#5	32'-11"	—
h161(E)	8	#5	21'-4"	—
u160(E)	63	#5	4'-7"	□
v160(E)	57	#5	4'-3"	—
Structure Excavation			Cu. Yd.	8
Concrete Structures			Cu. Yd.	14.9
Form Liner Textured Surface			Sq. Ft.	185
Reinforcement Bars, Epoxy Coated			Pound	1010
Permanent Sheet Piling			Sq. Ft.	1065
Ornamental Railing			Foot	52



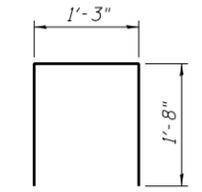
PLAN

LEGEND

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

BAR LAPS

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



BAR u160(E)

100 S. WACKER DR.
 SUITE 600
 CHICAGO, IL 60606
 TEL (312) 935-1000
 FAX (312) 935-4998
URS