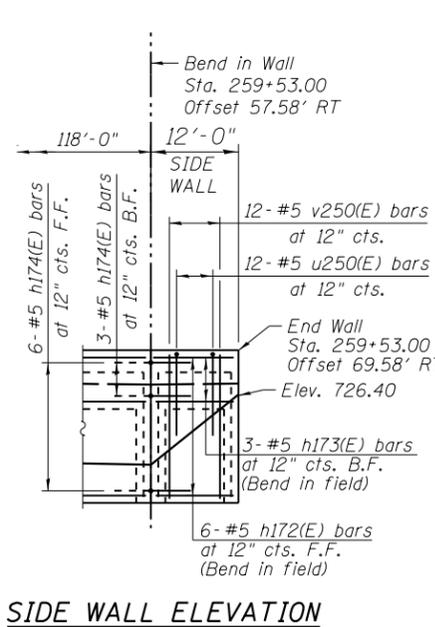
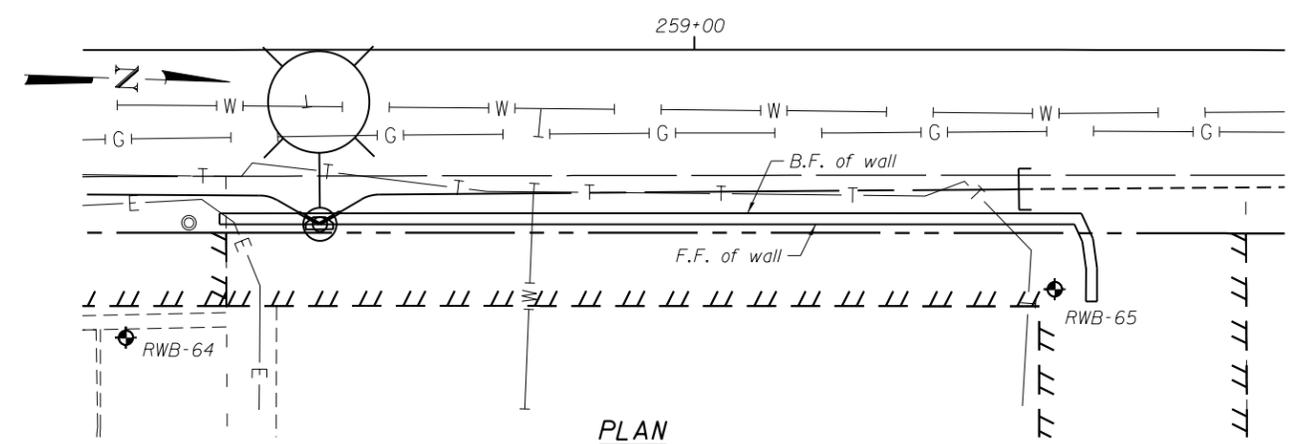


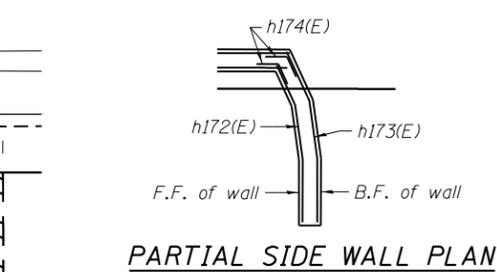
ELEVATION



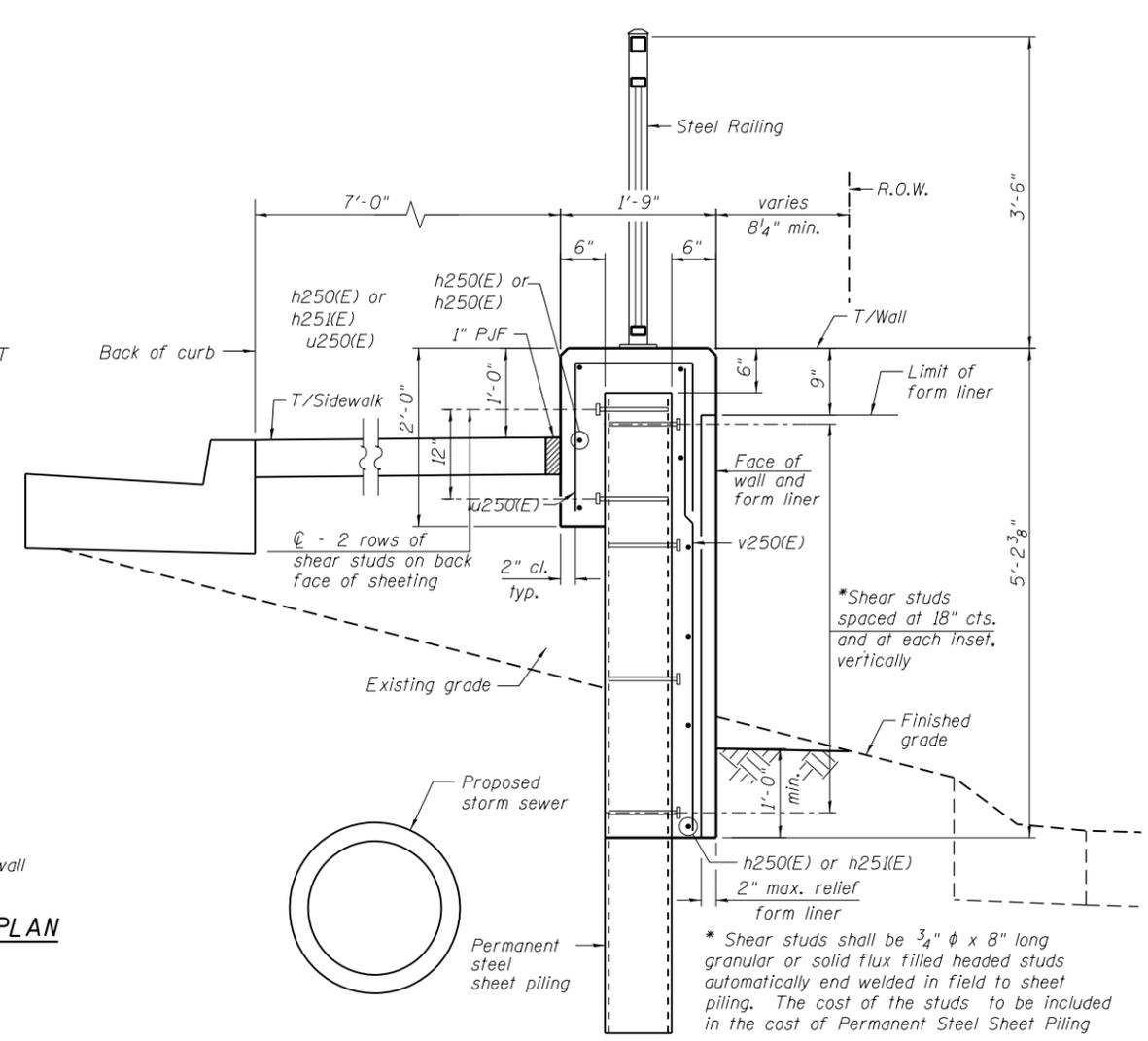
SIDE WALL ELEVATION



PLAN

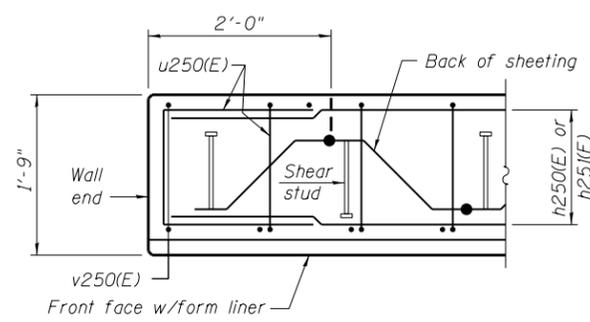


PARTIAL SIDE WALL PLAN

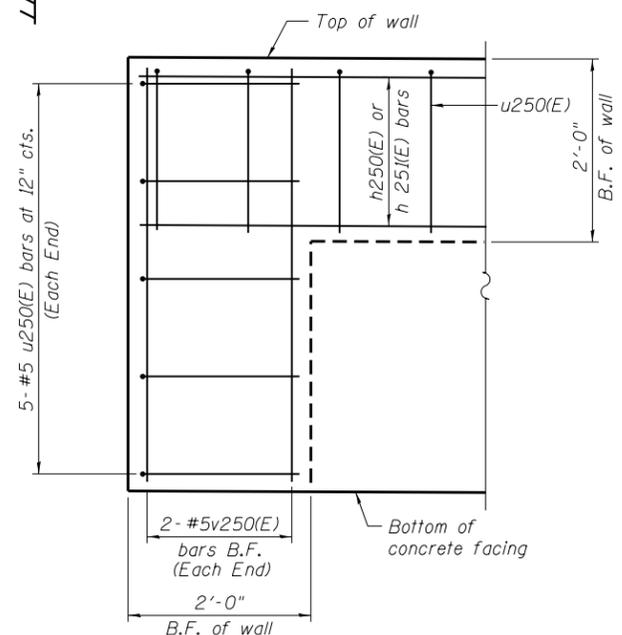


TYPICAL SECTION THROUGH WALL

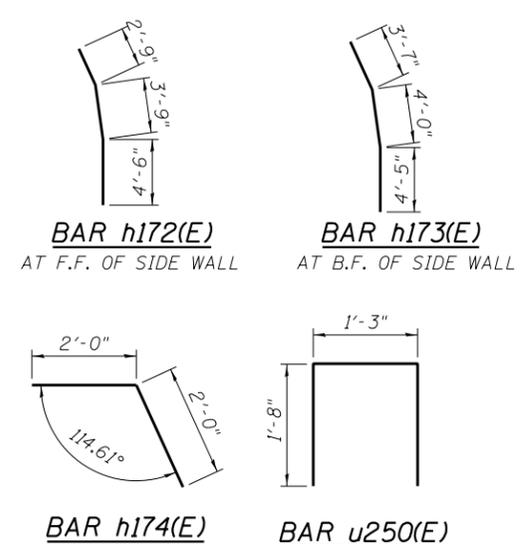
NOTES:
 Wall stations, offsets and dimensions are measured at front face of wall.
 All exposed corners shall have a 1" chamfer.
 For General Notes, Wall Key Plan and US 45 Profile, see Sheet 1.
 For Typical Wall Details and Ornamental Railing see Sheet 2.
 The details for the concrete cap, reinforcement 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.



PLAN AT END OF WALL



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



BILL OF MATERIAL

Bar	No.	Size	Length	Shape
h170(E)	24	#5	32'-11"	—
h171(E)	16	#5	29'-8"	—
u170(E)	163	#5	4'-7"	□
v170(E)	157	#5	4'-5"	—
Structure Excavation		Cu. Yd.	29	
Concrete Structures		Cu. Yd.	34.6	
Form Liner Textured Surface		Sq. Ft.	448	
Reinforcement Bars, Epoxy Coated		Pound	2,830	
Permanent Sheet Piling		Sq. Ft.	1,963	
Ornamental Railing		Foot	118	

Bars indicated thus 3x2-#5 etc. indicates 3 lines of bars with 2 lengths per line.

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"

100 S. WACKER DR.
 CHICAGO, IL 60606
 TEL (312) 939-1000
 FAX (312) 939-4998
URS