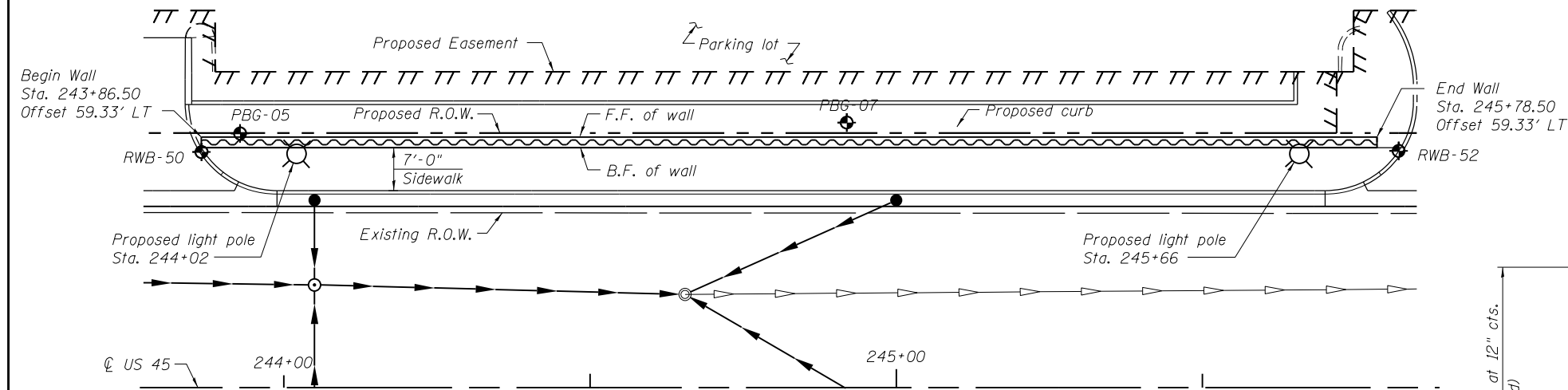


ELEVATION

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



PLAN

NOTES:

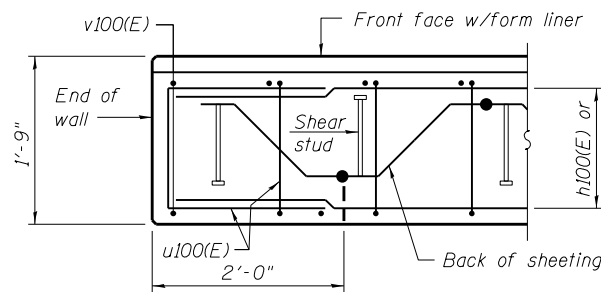
Wall stations, offsets and dimensions are measured at front face of wall.
 All exposed corners shall have a 1" chamfer.
 For General Notes, Wall Key Plan and US 45 Profile, see Sheet 1.
 For Typical Wall Details and Ornamental Railing see Sheet 2.
 The details for the concrete cap, reinforcement and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

LEGEND

- ① - Panel No.
- ⊕ - Soil Boring
- F.F. - Front Face
- B.F. - Back Face
- E.F. - Each Face

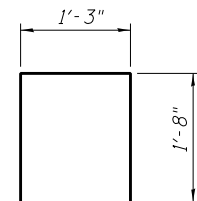
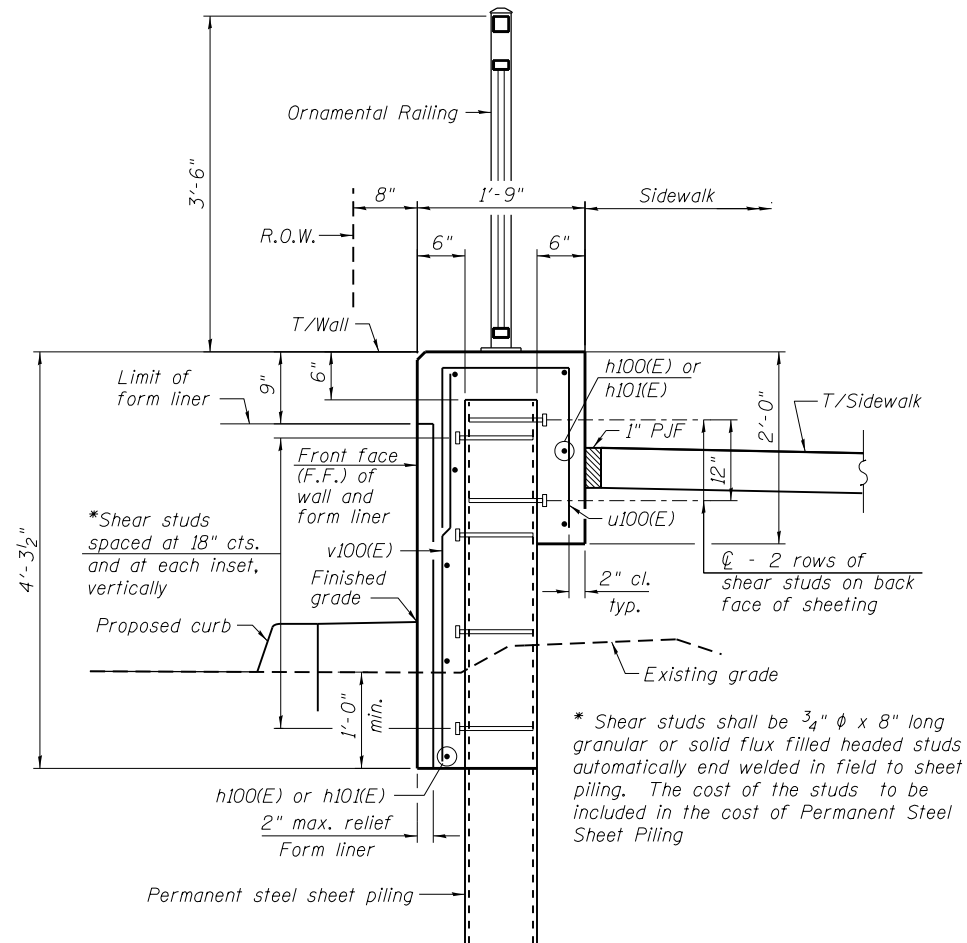
BAR LAPS

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



PLAN AT END OF WALL

TYPICAL SECTION THROUGH WALL

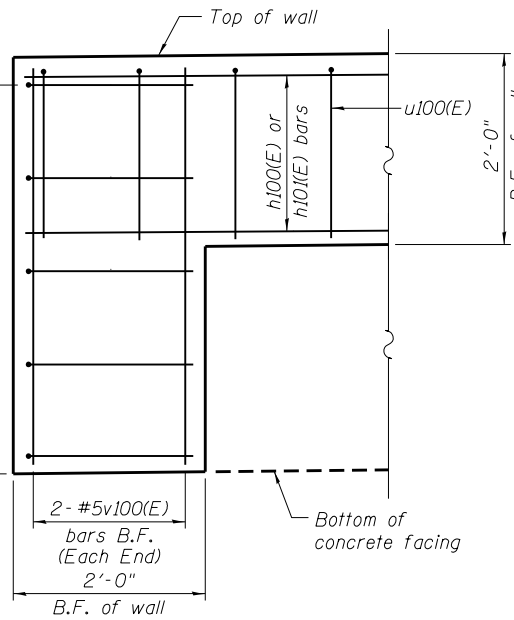


BAR u100(E)

BILL OF MATERIAL

Bar	No.	Size	Length	Shape
h100(E)	32	#5	34'-11"	—
h101(E)	16	#5	31'-8"	—
u100(E)	204	#5	4'-7"	⊏
v100(E)	198	#5	4'-0"	—
Structure Excavation			Cu. Yd.	33
Concrete Structures			Cu. Yd.	53.5
Form Liner Textured Surface			Sq. Ft.	682
Reinforcement Bars, Epoxy Coated			Pound	3500
Permanent Sheet Piling			Sq. Ft.	2189
Ornamental Railing			Foot	192

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



TYPICAL END CAP DETAIL

(v100(E) bars in F.F. not shown for clarity)

FILE NAME = D160M61-SHT-Wall_10-1.dgn	USER NAME = Anthony.Plutz	DESIGNED - SAT	REVISD -
		CHECKED - MJL	REVISD -
		DRAWN - SAT/AMV	REVISD -
		CHECKED - MJL	REVISD -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**RETAINING WALL NO. 10 - S.N. 016-2036
 STA. 243+86.50 TO 245+78.50**

F.A.P. RTE. 330	SECTION 103R-4	COUNTY COOK	TOTAL SHEETS 877	SHEET NO. 486
CONTRACT NO. 60M61			ILLINOIS FED. AID PROJECT	