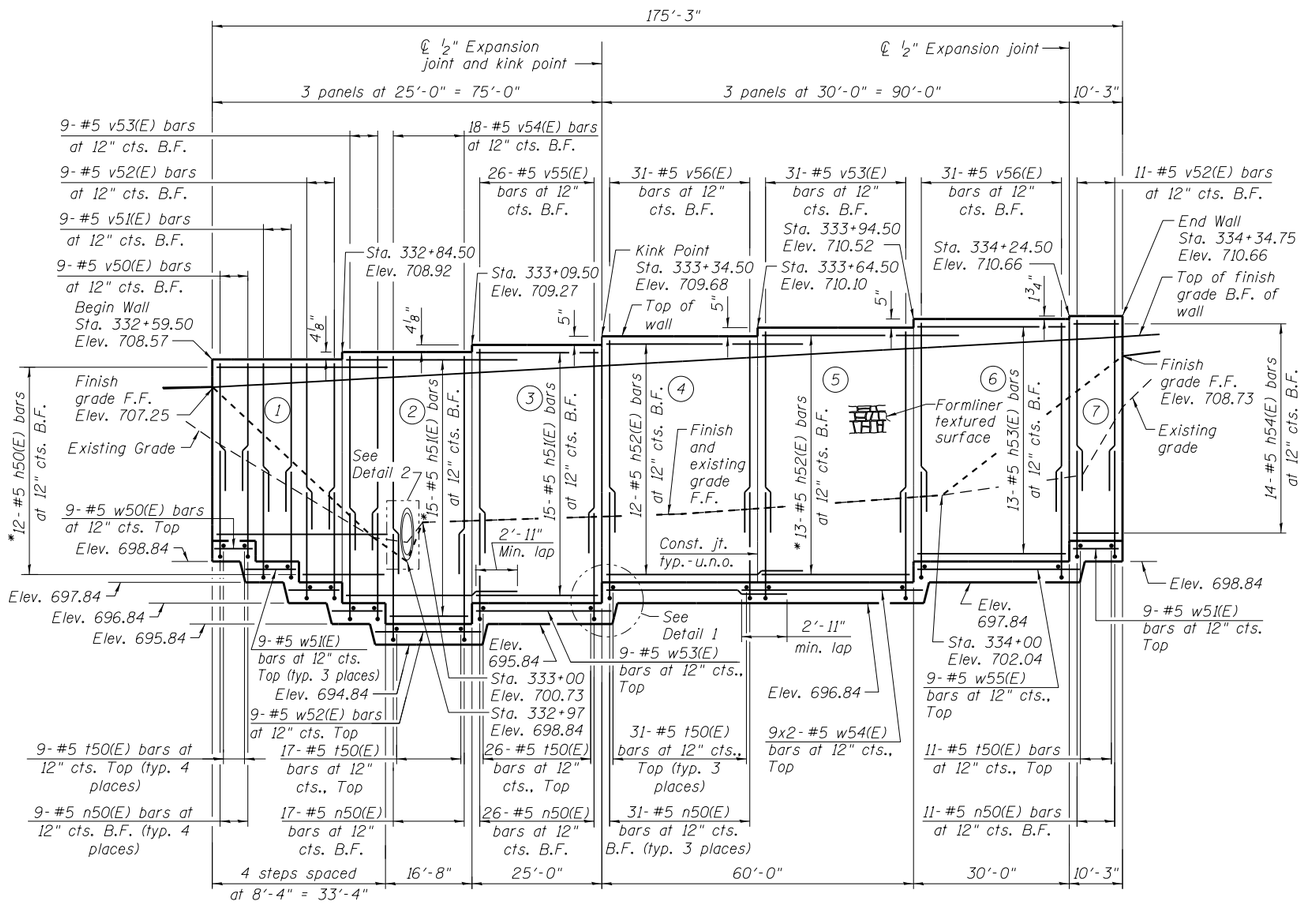
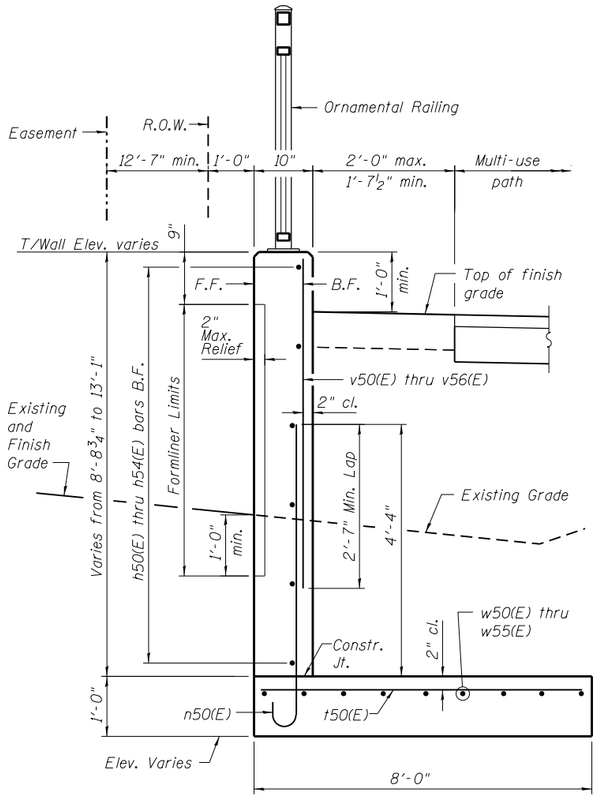


ELEVATION
(B.F. of wall shown)

*Trim bars adjacent to steps to fit.



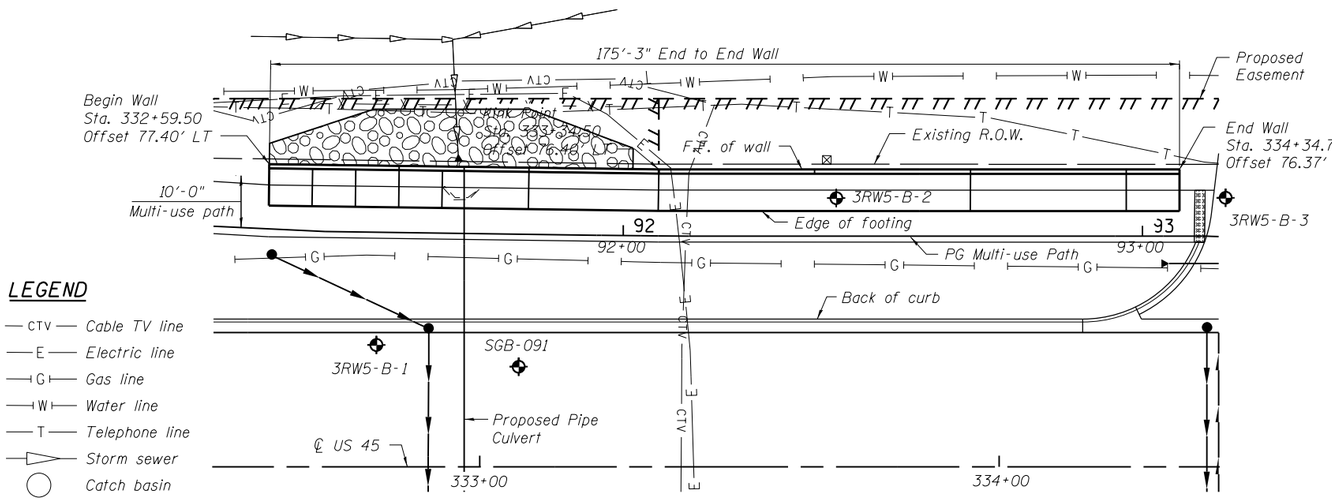
TYPICAL SECTION THRU WALL

BILL OF MATERIAL

Bar	No.	Size	Length	Shape
h50(E)	27	#5	28'-1"	
h51(E)	14	#5	24'-8"	
h52(E)	25	#5	33'-1"	
h53(E)	13	#5	28'-10"	
h54(E)	14	#5	9'-11"	
h55(E)	16	#5	4'-0"	
n50(E)	183	#5	5'-8"	
v50(E)	9	#5	6'-4"	
v51(E)	9	#5	7'-4"	
v52(E)	20	#5	8'-5"	
v53(E)	40	#5	9'-10"	
v54(E)	18	#5	10'-8"	
v55(E)	26	#5	10'-0"	
v56(E)	62	#5	9'-5"	
t50(E)	183	#5	7'-8"	
w50(E)	9	#5	8'-0"	
w51(E)	36	#5	10'-0"	
w52(E)	9	#5	20'-4"	
w53(E)	9	#5	27'-8"	
w54(E)	18	#5	32'-5"	
w55(E)	9	#5	31'-8"	
w56(E)	72	#5	3'-4"	

Structure Excavation	Cu. Yd.	387
Concrete Structures	Cu. Yd.	117.2
Form Liner Textured Surface	Sq. Ft.	1,428
Reinforcement Bars, Epoxy Coated	Pound	9,020
Geocomposite Wall Drain	Sq. Yd.	179
Granular Backfill for Structures	Cu. Yd.	230
Ornamental Railing	Foot	176
Pipe Underdrains for Structures, 4"	Foot	180

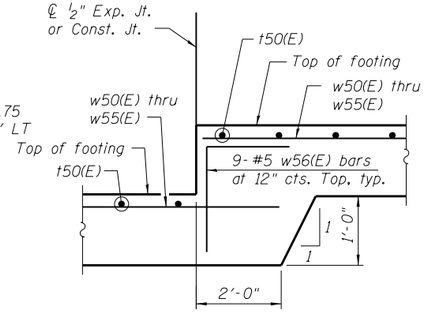
Bars indicated thus 9x3-#5 etc. indicates 9 lines of bars with 3 lengths per line.



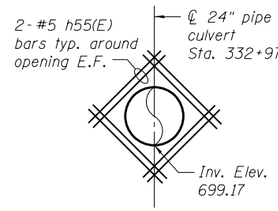
PLAN

LEGEND

- CTV — Cable TV line
- E — Electric line
- G — Gas line
- W — Water line
- T — Telephone line
- Storm sewer
- Catch basin
- Soil boring location

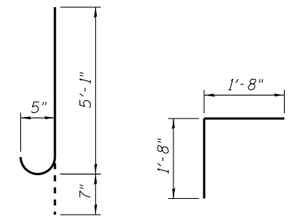


DETAIL 1
(Similar for All Footing Steps)



Note: Trim vertical and horizontal bars to clear pipe openings.

DETAIL 2



BAR n50(E) BAR w56(E)

BAR LAPS

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

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.

URS
100 S. WACKER DR.
SUITE 500
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FAX (312)939-4188

FILE NAME = D160M62-SHT-Wall_05.dgn	USER NAME = Anthony.Plutz	DESIGNED - MGB	REVISED -
		CHECKED -	REVISED -
	PLOT SCALE = 29.17 ' / in.	DRAWN - MGB/AMV	REVISED -
	PLOT DATE = 3/13/2013	CHECKED -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

RETAINING WALL NO. 5 – S.N. 016–Z057
STA. 332+59.50 TO 334+34.75
SHEET NO. 7 OF 18 SHEETS

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	103R-5	COOK	778	382
		CONTRACT NO. 60M62		
	ILLINOIS	FED. AID PROJECT		