

ELEVATION

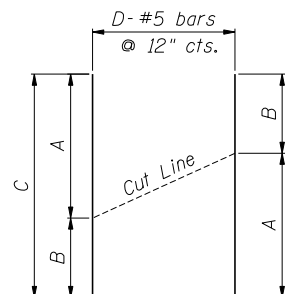
Notes:

Minimum lap for #5 bar is 3'-8".

Space reinforcement in wall to miss shear studs.

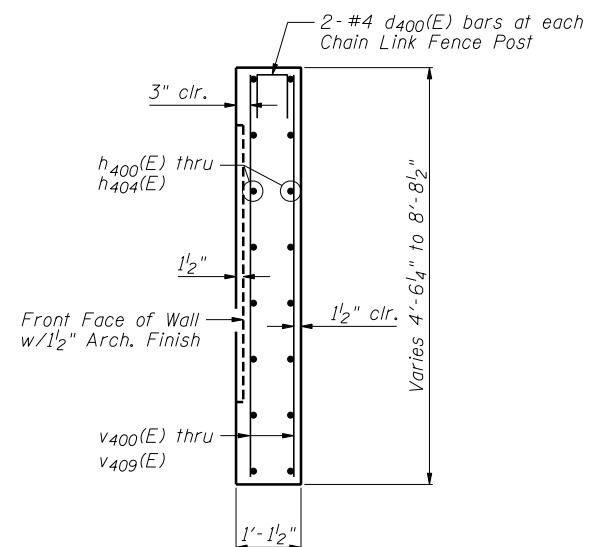
\* signifies cut bar. Order per length on Bill of Material. Cut as shown in Cutting Diagram and use half of bars in each face.

Horizontal dimensions measured along front face of wall.

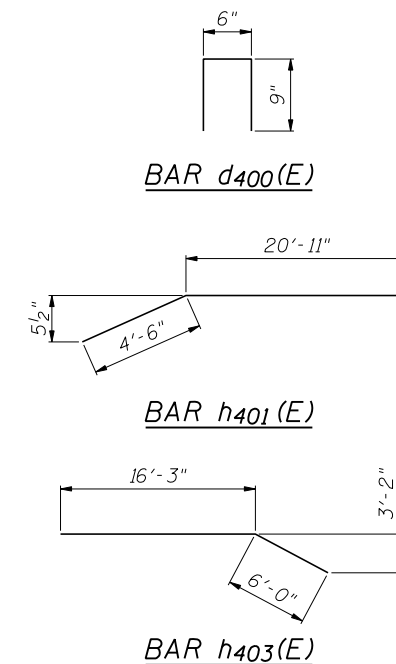


CUTTING DIAGRAM

Bar	A	B	C	D
h404(E)	17'-11"	20'-10"	38'-9"	3
v400(E)	4'-2"	6'-4"	10'-6"	23
v401(E)	6'-4"	6'-9"	13'-1"	5
v402(E)	6'-9"	7'-1"	13'-10"	18
v403(E)	7'-1"	7'-5"	14'-6"	23
v404(E)	7'-5"	7'-9"	15'-2"	23
v405(E)	7'-9"	8'-1"	15'-10"	23
v406(E)	8'-1"	8'-5"	16'-6"	23
v409(E)	8'-2"	5'-0"	13'-2"	6



SECTION THRU CONCRETE FACING



BILL OF MATERIAL

Bar	No.	Size	Length	Shape
d400(E)	48	#4	2'-0"	□
h400(E)	114	#5	25'-4"	—
h401(E)	2	#5	25'-5"	—
h402(E)	50	#5	21'-4"	—
h403(E)	2	#5	22'-3"	—
h404(E)	3	#5	38'-9"	—
v400(E)	23	#5	10'-6"	—
v401(E)	5	#5	13'-1"	—
v402(E)	18	#5	13'-10"	—
v403(E)	23	#5	14'-6"	—
v404(E)	23	#5	15'-2"	—
v405(E)	23	#5	15'-10"	—
v406(E)	23	#5	16'-6"	—
v407(E)	92	#5	8'-3"	—
v408(E)	34	#5	8'-2"	—
v409(E)	6	#5	13'-2"	—
Item	Unit	Quantity		
Concrete Structures	Cu. Yd.	63.6		
Reinforcement Bars, Epoxy Coated	Pound	7,640		
Pipe Underdrains for Structures, 4"	Foot	215		
Geocomposite Wall Drain	Sq. Yd.	80		

FILE NAME = ...60R31-W053-006-ConcreteFacing2.dgn