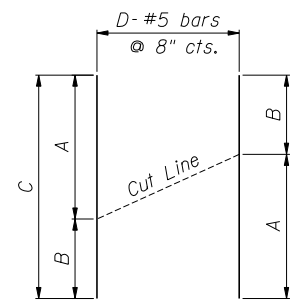


**ELEVATION**

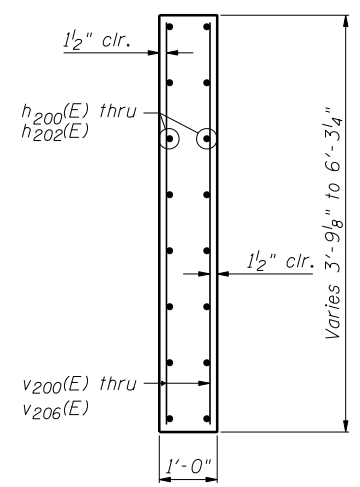
**Notes:**

- 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.

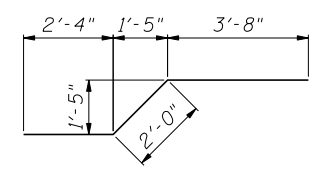


**CUTTING DIAGRAM**

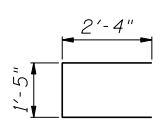
Bar	A	B	C	D
v200(E)	3'-6"	4'-9"	8'-3"	44
v201(E)	4'-9"	5'-7"	10'-4"	46
v202(E)	5'-7"	5'-10"	11'-5"	46
v204(E)	6'-0"	5'-8"	11'-8"	46
v205(E)	5'-8"	5'-1"	10'-9"	46
v206(E)	5'-1"	4'-5"	9'-6"	44



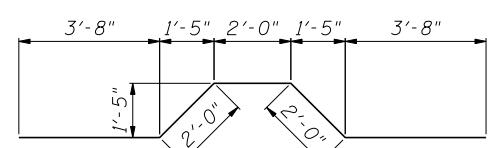
**SECTION THRU CONCRETE FACING**



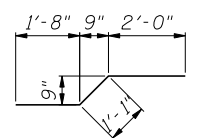
**BAR h203(E)**



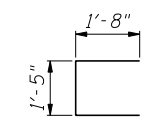
**BAR h204(E)**



**BAR h205(E)**



**BAR v207(E)**



**BAR v208(E)**

**BILL OF MATERIAL**

Bar	No.	Size	Length	Shape
h200(E)	28	#5	28'-2"	—
h201(E)	84	#5	33'-8"	—
h202(E)	14	#5	29'-8"	—
h203(E)	6	#5	8'-0"	—
h204(E)	6	#5	6'-1"	—
h205(E)	63	#5	13'-4"	—
v200(E)	44	#5	8'-3"	—
v201(E)	46	#5	10'-4"	—
v202(E)	46	#5	11'-5"	—
v203(E)	276	#5	5'-10"	—
v204(E)	46	#5	11'-8"	—
v205(E)	46	#5	10'-9"	—
v206(E)	44	#5	9'-6"	—
v207(E)	71	#5	4'-9"	—
v208(E)	71	#5	4'-9"	—

Item	Unit	Quantity
Concrete Structures	Cu. Yd.	60.8
Reinforcement Bars, Epoxy Coated	Pound	10,490
Pipe Underdrains for Structures, 4"	Foot	282
Geocomposite Wall Drain	Sq. Yd.	68

FILE NAME = ...60R31-W049-007-ConcreteFacing2.dgn

**ZROKA** engineering  
 Zroka Engineering, P.C.  
 4216 North Hermitage  
 Chicago, IL 60613

DESIGNED - JLA	REVISED -
CHECKED - LAS	REVISED -
DRAWN - SAW	REVISED -
CHECKED - JLA	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**CONCRETE FACING & DETAILS**  
**STA. 3998+14.82 TO STA. 4000+80.06 SN 022-W049**

F.A.P. RTE. 338	SECTION (112 & 113) WRS-6	COUNTY DUPAGE	TOTAL SHEETS 734	SHEET NO. 505
CONTRACT NO. 60R31				

SHEET NO. SB-7 OF SB-10 SHEETS

ILLINOIS FED. AID PROJECT