



**BILL OF MATERIAL**

BAR	NO.	SIZE	LENGTH	SHAPE
h(E)	24	#4	19'-2"	
h <sub>1</sub> (E)	68	#5	11'-2"	
h <sub>2</sub> (E)	78	#6	19'-2"	
h <sub>3</sub> (E)	24	#6	11'-2"	
h <sub>4</sub> (E)	20	#5	2'-9"	
h <sub>5</sub> (E)	38	#5	19'-2"	
h <sub>6</sub> (E)	10	#5	10'-6"	
h <sub>7</sub> (E)	30	#5	2'-6"	
h <sub>8</sub> (E)	36	#5	8'-2"	
h <sub>9</sub> (E)	18	#5	5'-8"	
h <sub>10</sub> (E)	168	#5	3'-4"	┌
h <sub>11</sub> (E)	16	#5	6'-8"	┌
h <sub>12</sub> (E)	8	#5	9'-4"	┌
h <sub>13</sub> (E)	8	#5	10'-7"	┌
h <sub>14</sub> (E)	8	#5	12'-6"	┌
h <sub>15</sub> (E)	8	#5	3'-2"	┌
v(E)	168	#7	11'-4"	
v <sub>1</sub> (E)	22	#7	8'-3"	
v <sub>2</sub> (E)	24	#7	7'-6"	
v <sub>3</sub> (E)	24	#7	1'-3"	
v <sub>4</sub> (E)	26	#7	6'-9"	
v <sub>5</sub> (E)	76	#5	8'-4"	
v <sub>6</sub> (E)	192	#7	4'-7"	┌
v <sub>7</sub> (E)	38	#5	3'-9"	┌
v <sub>8</sub> (E)	76	#5	4'-7"	┌
Concrete Structures			Cu. Yd.	35.6
Reinf. Bars, Epoxy Coated			Pounds	14,100
Cast Iron Steps			Each	22

**MIN. BAR LAP**  
#5 = 1'-8"

**HLR**  
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**SPLIT FLOW JUNCTION STRUCTURE**  
**SECTION 99-00243-00-PV**  
**RANDALL ROAD**  
**KANE COUNTY**  
**STATION 32+00**