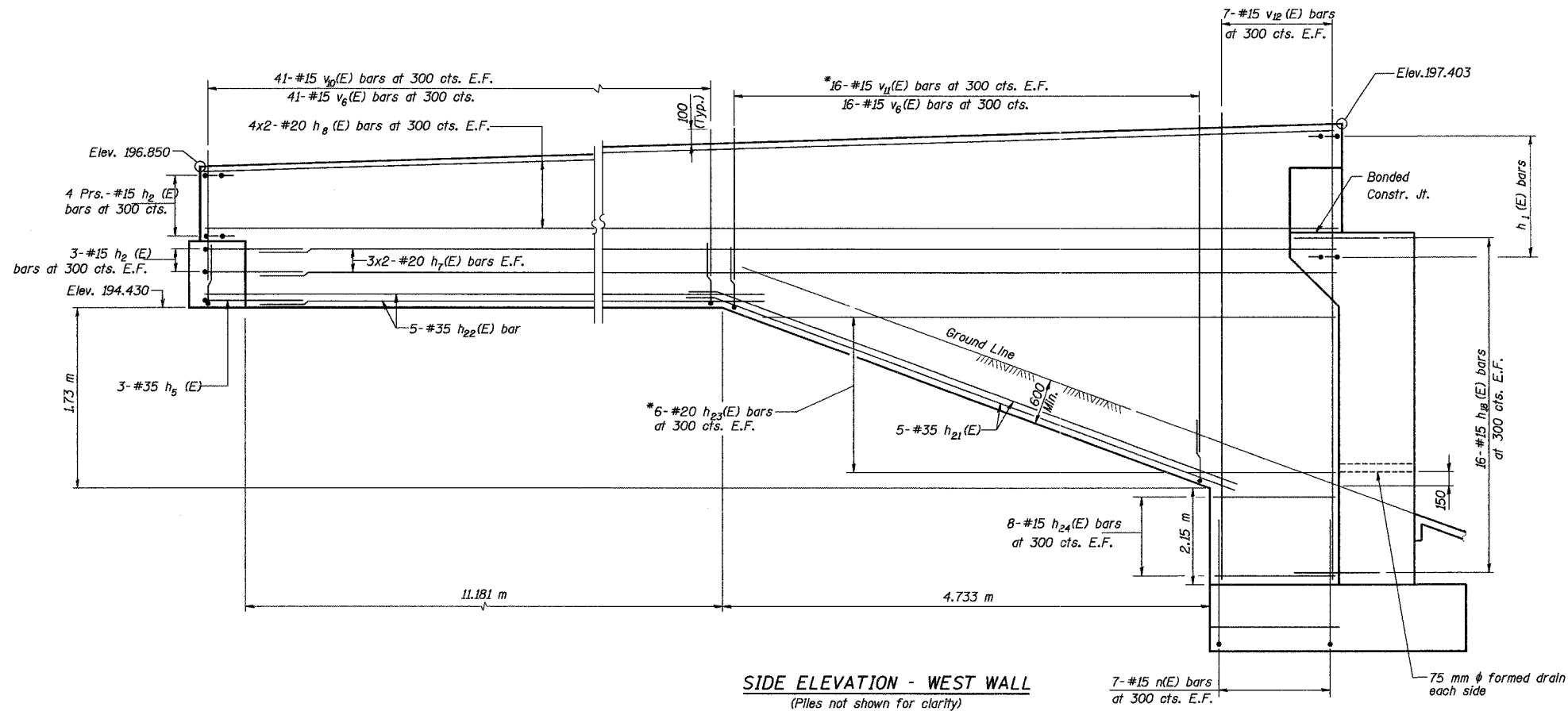


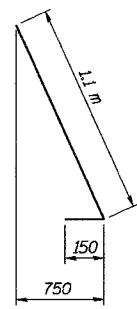
Time: 10:07:01 AM

Date: 11/19/2004

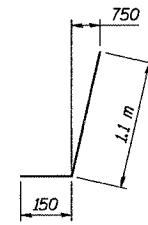
File name: P:\643996\str\structur\072-0183\Sheet\Tracings\480003-140720183.dgn



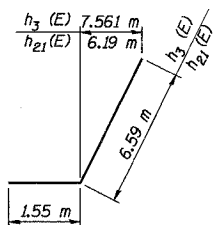
**SIDE ELEVATION - WEST WALL**  
(Piles not shown for clarity)



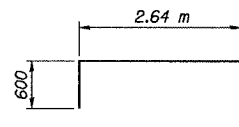
**BAR h<sub>1</sub>(E)**



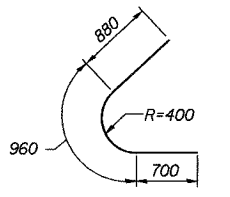
**BAR h<sub>2</sub>(E)**



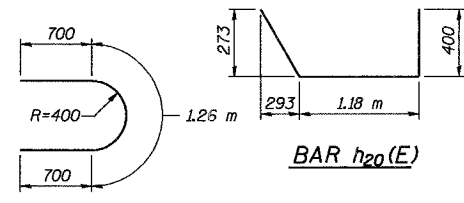
**BARS h<sub>3</sub>(E), h<sub>21</sub>(E)**



**BAR h<sub>5</sub>(E)**



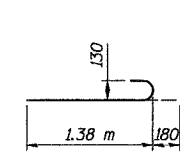
**BAR h<sub>10</sub>(E)**



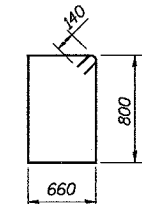
**BAR h<sub>11</sub>(E)**

**BAR h<sub>20</sub>(E)**

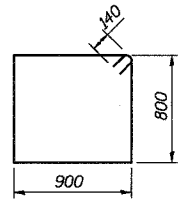
MIN. BAR LAP  
#15 bar = 640  
#20 bar = 790  
#35 bar = 2.64 m



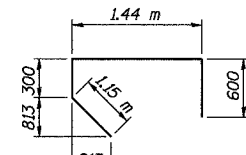
**BAR n(E)**



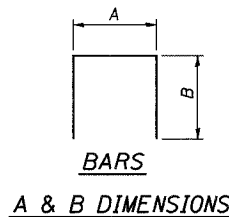
**BAR s<sub>3</sub>(E)**



**BAR s<sub>4</sub>(E)**

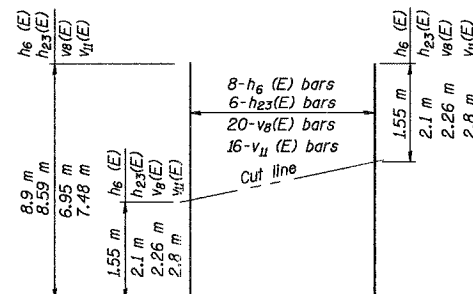


**BAR v<sub>1</sub>(E)**



**BARS A & B DIMENSIONS**

Bar	A	B
h <sub>10</sub> (E)	230	1380
s <sub>3</sub> (E)	660	690
v <sub>1</sub> (E)	500	1300
v <sub>4</sub> (E)	500	660
v <sub>5</sub> (E)	850	650
v <sub>6</sub> (E)	220	800



**FIELD CUTTING DIAGRAM**

\* Order h<sub>6</sub>(E), h<sub>23</sub>(E), v<sub>6</sub>(E) and v<sub>11</sub>(E) bars full length. Cut to fit and use the remainder of bars in opposite face.

Notes:  
Reinforcement bars designated (E) shall be epoxy coated.  
Work this sheet with sheet 29.  
Pour steps monolithically with cap.  
Dimensions are in millimeters (mm) except as noted.  
E.F. denotes each face.  
Bars indicated thus 20 x 3-#15 etc. Indicates 20 lines of bars with 3 lengths per line.

**BILL OF MATERIAL**

Bar	No.	Size	Length (m)	Shape
h(E)	102	#15	9.39	
h <sub>1</sub> (E)	30	#15	1.25	
h <sub>2</sub> (E)	30	#15	1.25	
h <sub>3</sub> (E)	5	#35	9.60	
h <sub>4</sub> (E)	5	#35	11.37	
h <sub>5</sub> (E)	6	#35	3.24	
h <sub>6</sub> (E)	8	#20	8.90	
h <sub>7</sub> (E)	20	#20	8.85	
h <sub>8</sub> (E)	32	#20	9.61	
h <sub>9</sub> (E)	12	#15	2.10	
h <sub>10</sub> (E)	15	#15	2.54	
h <sub>11</sub> (E)	16	#15	2.66	
h <sub>12</sub> (E)	30	#15	8.50	
h <sub>13</sub> (E)	2	#15	10.2	
h <sub>14</sub> (E)	2	#15	10.20	
h <sub>15</sub> (E)	3	#15	3.80	
h <sub>16</sub> (E)	3	#15	7.00	
h <sub>17</sub> (E)	6	#15	6.80	
h <sub>18</sub> (E)	52	#15	1.28	
h <sub>19</sub> (E)	6	#15	2.99	
h <sub>20</sub> (E)	14	#15	1.98	
h <sub>21</sub> (E)	5	#35	8.14	
h <sub>22</sub> (E)	5	#35	12.74	
h <sub>23</sub> (E)	6	#20	8.59	
h <sub>24</sub> (E)	16	#15	1.73	
h <sub>25</sub> (E)	3	#15	2.7	
n(E)	217	#15	1.56	
p(E)	14	#25	13.69	
p <sub>1</sub> (E)	3	#25	11.05	
p <sub>2</sub> (E)	3	#25	8.40	
p <sub>3</sub> (E)	13	#25	1.47	
s <sub>2</sub> (E)	65	#15	2.04	
s <sub>3</sub> (E)	80	#15	3.20	
s <sub>4</sub> (E)	2	#15	3.68	
t(E)	95	#30	2.90	
t <sub>1</sub> (E)	95	#15	2.90	
v(E)	192	#15	4.39	
v <sub>1</sub> (E)	91	#15	3.49	
v <sub>2</sub> (E)	82	#15	3.10	
v <sub>3</sub> (E)	164	#15	0.90	
v <sub>4</sub> (E)	69	#15	1.82	
v <sub>5</sub> (E)	78	#15	2.15	
v <sub>6</sub> (E)	113	#15	1.82	
v <sub>7</sub> (E)	72	#15	2.10	
v <sub>8</sub> (E)	20	#15	6.95	
v <sub>9</sub> (E)	16	#15	6.45	
v <sub>10</sub> (E)	82	#15	2.63	
v <sub>11</sub> (E)	16	#15	7.48	
v <sub>12</sub> (E)	14	#15	6.96	
v <sub>13</sub> (E)	3	#15	4.05	
w(E)	60	#15	9.79	
Concrete Structures			m <sup>3</sup>	285.1
Reinforcement Bars, Epoxy Coated			kg	15460
Structure Excavation			m <sup>3</sup>	328
Bridge Seat Sealer			m <sup>2</sup>	27.7
Furnishing Metal Pile Shells 305mm			m	566
Driving and Filling Shells			m	566
Test Pile Metal Shells			Each	2

ROUTE NO.	SECT.	COUNTY	SHEET NO.	TOTAL SHEETS
F.A.I. 74	(72-7) R-3	PEORIA	475	1360
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT		CONTRACT NO. 68200

REVISION	DATE	DESCRIPTION
STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		
SOUTH ABUTMENT DETAILS II		
RAMPS B-1 AND B-4 OVER F.A.I. ROUTE 74 (I-74) RAMPS A-3 AND B-3		
F.A.I. ROUTE 74 SECTION (72-7) R-3 PEORIA COUNTY STATION 10+779.03 STRUCTURE NUMBER 072-0183		
PARSONS TRANSPORTATION GROUP CHICAGO, ILLINOIS		
DRAWING NO. 32	SCALE N.T.S.	DATE 2-18-03
		SHEET NO. 32