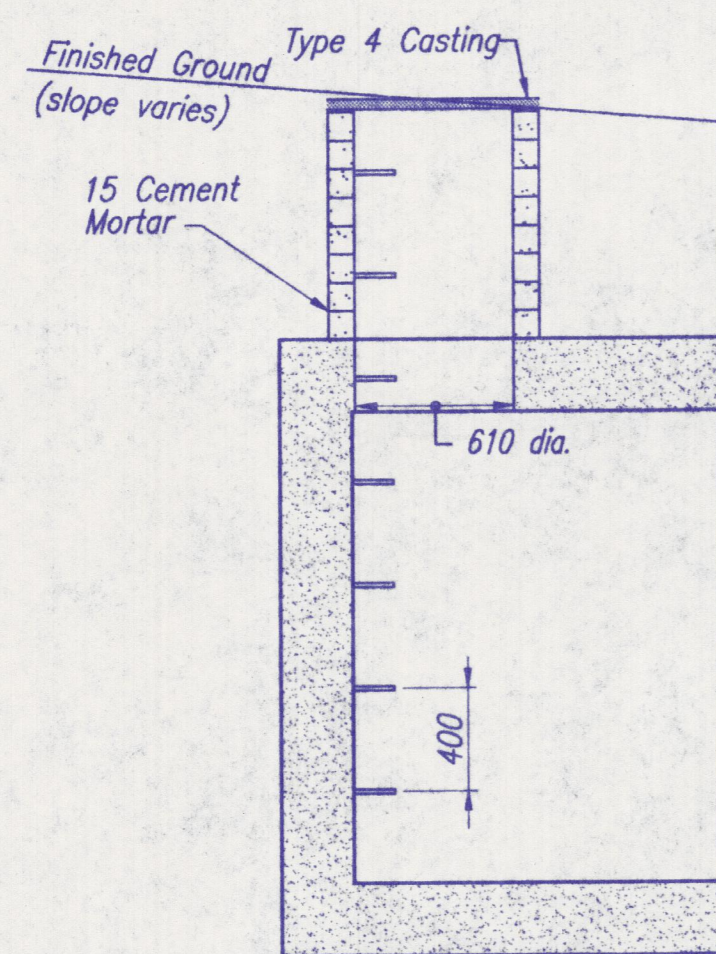
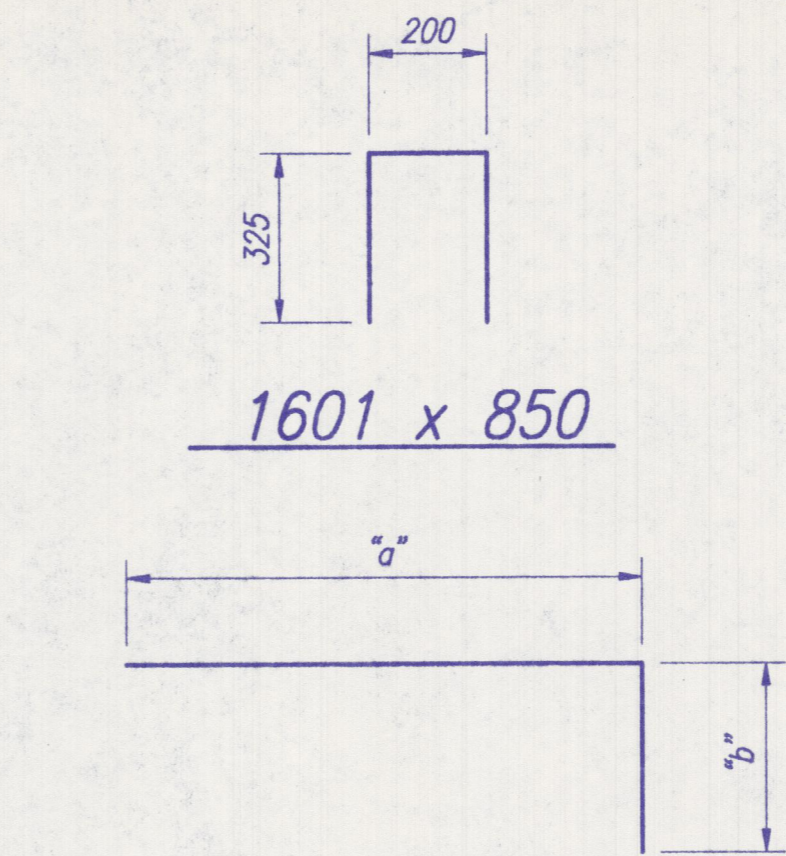


ELEVATION - EAST & WEST WALL



MANHOLE ACCESS DETAIL



Mark	"a"	"b"	Length
1602	825	600	1425
1603	1090	600	1690
1604	2920	600	3520
1605	2760	600	3360
1606	1265	600	1865
1607	1105	600	1705
1608	835	600	1435
1609	675	600	1275
1610	530	600	1130
1611	370	600	970

BILL OF MATERIALS

STRUCTURE NO. 14

REINFORCING STEEL			
Size or Mark	No. of Bars	Length	Mass (kg)
#29	8	8250	
Total #29			334
#19	28	8250	
#19	94	2350	
Total #19			1010
1601	58	850	
1602	75	1425	
1603	75	1690	
1604	9	3520	
1605	9	3360	
1606	9	1865	
1607	9	1705	
1608	18	1435	
1609	18	1275	
#16	18	8250	
#16	94	2350	
#16	75	2275	
#16	8	1350	
#16	16	1125	
#16	6	1900	
Total #16			1561
Total Reinforcing			2905
CONCRETE			
Class "A" In Structures			20.7 m ³

BILL OF MATERIALS

STRUCTURE NO. 72

REINFORCING STEEL			
Size or Mark	No. of Bars	Length	Mass (kg)
#29	8	8250	
Total #29			334
#19	28	8250	
#19	94	2350	
Total #19			1010
1601	58	850	
1602	56	1425	
1603	56	1690	
1608	18	1435	
1609	18	1275	
1610	18	1130	
1611	18	970	
#16	18	8250	
#16	94	2350	
#16	56	2275	
#16	8	1350	
Total #16			1269
Total Reinforcing			2613
CONCRETE			
Class "A" In Structures			19.0 m ³

16621 (R-BOX) (1:33.3333)

	RECOMMENDED FOR APPROVAL: <i>Kenneth D. Downey</i> 9/19/97 DESIGN ENGINEER DATE	INDIANA DEPARTMENT OF TRANSPORTATION STRUCTURES NO. 14 & 72 BURKHARDT ROAD	HORIZONTAL SCALE: 1:33.3333 BRIDGE FILE
	DESIGNED: J.L.M. DRAWN: J.L.F. CHECKED: J.D.R. CHECKED: J.D.R.		VERTICAL SCALE: 1:33.3333 DESIGNATION
			SURVEY BOOK: SHEETS 39 of 90 CONTRACT: PROJECT