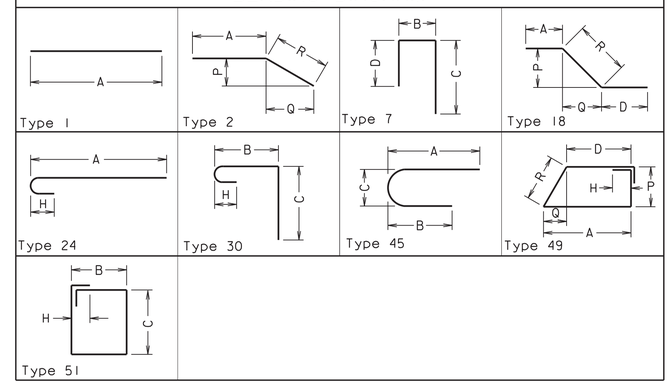
REINFORCING STEEL SCHEDULE

MARK	NO.	BAR SIZE	PIN DIA. FT-IN	LENGTH FT-IN	WEIGHT (LBS.)	LOCATION	TYPE	A FT-IN	B FT-IN	C FT-IN	D FT-IN	E P FT-IN	F Q FT-IN	G R FT-IN	H FT-IN
		ABUTMENT B - CORROSION RESISTANT REINFORCING, CLASS I													
AB0498	3	4	00-02	03-09	8	BREASTWALL	51		00-06⅜	01-00¾					00-04½
AB0499	3	4	00-02	03-11	8	BREASTWALL	49	01-04¼			00-10⅝	00-5⅝	00-5⅝	00-08	00-04½
AF0511	102	5		03-09	399	FOOTING	1								
AF0611	102	6	00-04½	06-02	945	FOOTING	24	05-06							00-06
AH0431	38	4		40-00	1016	BREASTWALL	1	40-00							
AH0432	6	4		12-00	49	BREASTWALL	1	12-00							
AH0433	2	4		20-06	28	BREASTWALL	1	20-06							
AH0434	2	4		38-07	52	BREASTWALL	1	38-07							
AH0435	2	4		18-01	25	BREASTWALL	1	18-01							
AH0436	2	4		08-01	11	BREASTWALL	1	08-01							
AV0499	12	4		05-00	41	BREASTWALL	1	05-00							
AV0531	11	5	00-03¾	07-01	81	BREASTWALL	30		01-10	04-09					00-05
AV0532	11	5	00-03¾	08-08	99	BREASTWALL	7		00-07	04-10	03-03				
AV0533	11	5	00-03¾	07-06	86	BREASTWALL	30		01-10	05-02					00-05
AV0534	11	5	00-03¾	09-01	104	BREASTWALL	7		00-07	05-03	03-03				
AV0535	11	5	00-03¾	07-11	91	BREASTWALL	30		01-10	05-07					00-05
AV0536	11	5	00-03¾	09-06	109	BREASTWALL	7		00-07	05-08	03-03				
AV0537	11	5	00-03¾	08-04	95	BREASTWALL	30		01-10	06-00					00-05
AV0538	11	5	00-03¾	09-11	114	BREASTWALL	7		00-07	06-01	03-03				
AV0539	11	5	00-03¾	08-09	100	BREASTWALL	30		01-10	06-05					00-05
AV0540	11	5	00-03¾	10-04	118	BREASTWALL	7		00-07	06-06	03-03				
AV0541	11	5	00-03¾	09-02	105	BREASTWALL	30		01-10	06-10					00-05
AV0542	11	5	00-03¾	10-09	123	BREASTWALL	7		00-07	06-11	03-03				
AV0543	11	5	00-03¾	09-07	110	BREASTWALL	30		01-10	07-03					00-05
AV0544	11	5	00-03¾	11-02	128	BREASTWALL	7		00-07	07-04	03-03				
AV0545	9	5	00-03¾	10-00	94	BREASTWALL	30		01-10	07-08					00-05
AV0546	8	5	00-03¾	11-07	97	BREASTWALL	7		00-07	07-09	03-03				
AV0547	2	5		04-09	10	BREASTWALL	1	04-09							
AV0548	2	5		05-08	12	BREASTWALL	1	05-08							
AV0549	2	5		07-08	16	BREASTWALL	1	07-08							
AV0550	3	5		09-00	29	BREASTWALL	1	09-00							
WH0431	1	4	00-03	09-02	7	WINGWALL	18	02-03			05-02	01-03⅛	01-03⅛	01-09½	
WH0432	1	4		08-07	6	WINGWALL	1	08-07							
WH0433	4	4	00-03	11-06	31	WINGWALL	18	02-03			07-06	01-03⅛	01-03⅛	01-09½	
WH0434	10	4		11-00	74	WINGWALL	1	11-00							
WH0435	2	4		02-10 TO 03-10	5	WINGWALL	1	VARIES							
WH0436	2	4		01-02 TO 02-02	3	WINGWALL	1	VARIES							
WH0437	2	4		07-00	10	WINGWALL	1	07-00							
WH0438	2	4		02-10	4	WINGWALL	1	02-10							
WH0439	1	4	00-03	08-11	6	WINGWALL	2	08-11				01-07⅛		02-03	
WH0440	1	4	00-03	08-01	6	WINGWALL	2	08-01				02-04¼		03-04	
WH0441	8	4	00-03	12-01	65	WINGWALL	2	12-01				01-07⅛		02-03	
WH0442	8	4	00-03	11-03	60	WINGWALL	2	11-03				02-04¼		03-04	
WH0443	1	4	00-03	11-07	8	WINGWALL	2	11-07				02-05¾		03-06	
WH0444	1	4	00-03	11-03	8	WINGWALL	2	11-03				02-04¼		03-04	
WH0445	2	4	00-03	07-09 TO 10-01	12	WINGWALL	2	VARIES				02-05¾		03-06	
WH0446	2	4	00-03	07-05 TO 09-09	12	WINGWALL	2	VARIES				02-04¼		03-04	
WH0447	1	4	00-03	01-09	2	WINGWALL	2	01-09				00-09⅛		01-02	
WH0448	1	4	00-03	01-10	2	WINGWALL	2	01-10				01-00		01-05	
WH0449	2	4		08-03	12	WINGWALL	1	08-03							
WH0450	2	4		03-08	5	WINGWALL	1	03-08							
WV0531	6	5		04-04 TO 05-07	32	WINGWALL	1	VARIES							
WV0532	5	5		06-02 TO 07-02	35	WINGWALL	1	VARIES							
WV0533	5	5		04-06 TO 05-06	27	WINGWALL	1	VARIES							
WV0534	1	5		07-04	8	WINGWALL	1	07-04							
WV0535	1	5		05-08	6	WINGWALL	1	05-08							
WV0536	8	5		07-07 TO 08-11	69	WINGWALL	1	VARIES							
WV0537	6	5		09-06 TO 10-07	63	WINGWALL	1	VARIES							
WV0538	6	5		07-09 TO 08-10	52	WINGWALL	1	VARIES							
	TOTAL WEIGHT OF PRECEEDING GROUP OF BARS				4933										
				ABUTMENT B											
AF0431	76	4		10-01	512	FOOTING	45	03-10	01-06	03-10					
AF0631	222	6		08-00	2668	FOOTING	1	08-00							
AF0632	40	6		40-00	2404	FOOTING	1	40-00							
AF0633	20	6		18-06	556	FOOTING	1	18-06							
AF0831	4	8		08-00	86	FOOTING	1	08-00							
AF0832	8	8		40-00	855	FOOTING	1	40-00							
AF0833	4	8		23-06	251	FOOTING	1	23-06							
	TOTAL WEIGHT OF PRECEEDING GROUP OF BARS				7332										

DIMENSION VARIATION TABLE

MARK	NO. EA. LEN.	DIMEN-SION	FROM FT-IN	TO FT-IN	VARY BY FT-IN	DIMEN-SION	FROM FT-IN	TO FT-IN	VARY BY FT-IN
WH0435	1	A	02-10	03-10	01-00				
WH0436	1	A	01-02	02-02	01-00				
WH0445	1	A	04-03	06-07	02-04				
WH0446	1	A	04-01	06-05	02-04				
WV0531	2	A	04-04	05-07	00-7½				
WV0532	1	A	06-02	07-02	00-03				
WV0533	1	A	04-06	05-06	00-03				
WV0536	2	A	07-07	08-11	00-05⅜				
WV0537	1	A	09-06	10-07	00-02⅝				
WV0538	1	A	07-09	08-10	00-02⅝				

BENDING DIAGRAM



NOTES:

Dimensions in Bending Diagram are out-to-out of bars.

Weights in schedule are based on density of 490 lb/ft.^{3}

COMMONWEALTH OF VIRGINIA
CHAD M. THOMAS
Lic. No. 036662
03/10/2017
PROFESSIONAL ENGINEER

Revisions | Date

Issue Date: 03/10/17
Drawn By: DKA
Designed By: SRA
Checked By: CMT
Date: 03/10/17

Mattern & Craig
ENGINEERS • SURVEYORS
701 FIRST STREET, S.W.
ROANOKE, VIRGINIA 24016
(540) 345-9342
FAX (540) 345-7691

City of Roanoke
Planning, Building, & Development
COMPREHENSIVE DEVELOPMENT PLAN
APPROVED
by Adrian Gilbert 03/15/2018

BERKLEY ROAD OVER GLADE CREEK TRIBUTARY A
REINFORCING STEEL SCHEDULE
ABUTMENT B
CITY OF ROANOKE, VA

Vertical Scale: N/A
Horizontal Scale: NOT TO SCALE
Commission Number: 34301
Sheet No.: B-18