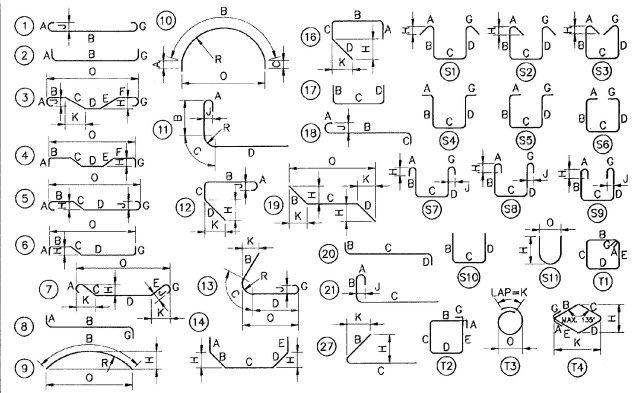


NO.	ITEM	PIECES	SIZE	LENGTH	MARK	TYPE	A	B	C	D	E	F	G	H	J	K	R	D	NO.	ITEM	PIECES	SIZE	LENGTH	MARK	TYPE	A	B	C	D	E	F	G	H	J	K	R	D						
DECK SLAB - EPOXY COATED																																											
1	Δ379	5	38'-0"	ES501	STR														100																								
2	Δ11	5	10'-0"	ES502	STR														101																								
3	208	5	0'-1"	ES503	S5	0'-10"	1'-5"	1'-7"	1'-5"					0'-10"					102	Δ51	5	41'-6"	2EAS501	STR																			
4	82	5	5'-5"	ES504	S10														103	Δ55	9	25'-9"	2EAS901	18	1'-9"	24'-0"																	
5	88	5	5'-6"	ES505	S8	0'-8"	1'-3"	0'-9"	3'-0"										104																								
APPROACH SLAB #2																																											
107	Δ131	6	42'-3"	ES601	STR														107	32	5	48'-4"	2A501	STR																			
108	2	6	4'-11"	ES602	STR														108	Δ88	5	9'-3"	2A502	17	3'-9"	5'-6"																	
109	2	6	20'-7"	ES652	STR														109	Δ86	5	7'-6"	2A503	STR																			
110	2	6	42'-3"	ES6130	STR														110	Δ10	5	10'-8"	2A504	STR																			
ABUTMENT #2																																											
111	2	6	20'-11"	ES653	STR														111	Δ97	5	10'-4"	2A505	17	5'-10"	4'-6"	2'-0"																
112	2	6	42'-3"	ES6130	STR														112	Δ87	5	10'-10"	2A506	17	9'-4"	1'-6"																	
113	2	6	39'-11"	ES6131	STR														113	87	5	9'-10"	2A507	S10	2'-6"	0'-6"	6'-10"																
114	2	6	21'-2"	ES6196	STR														114	9	3	44'-6"	2A508	STR																			
115	2	6	20'-10"	ES6197	STR														115	30	5	17'-6"	2A509	STR																			
116	2	6	4'-11"	ES2623	STR														116	87	5	10'-9"	2A510	17	4'-3"	6'-6"																	
117	2	6	39'-11"	ES6131	STR														117	16	5	9'-8"	2A511	STR																			
118	2	6	21'-2"	ES6196	STR														118	Δ42	8	3'-6"	2A801	19	1'-6"	2'-0"																	
WALL #3																																											
119	2	6	20'-10"	ES6197	STR														119	12	5	9'-0"	3W501	S10	3'-9"	1'-6"	3'-9"																
120	2	6	4'-11"	ES2623	STR														120	Δ25	5	7'-0"	3W502	STR																			
121	2	6	4'-11"	ES2623	STR														121	Δ15	5	5'-6"	3W503	S10	2'-0"	1'-6"	2'-0"																
122	2	6	4'-11"	ES2623	STR														122	Δ15	5	11'-3"	3W504	19	3'-6"	7'-9"																	
123	2	6	42'-3"	ES6130	STR														123	18	5	4'-0"	3W505	19	2'-0"	2'-0"																	
124	2	6	42'-3"	ES6130	STR														124	Δ27	5	7'-6"	4W504	19	3'-9"	3'-9"																	
WALL #4																																											
125	2	6	42'-3"	ES6130	STR														125	7	5	9'-0"	4W501	S10	3'-9"	1'-6"	3'-9"																
126	2	6	42'-3"	ES6130	STR														126	14	5	10'-7"	4W502	STR																			
127	2	6	42'-3"	ES6130	STR														127	7	5	5'-6"	4W503	S10	2'-0"	1'-6"	2'-0"																
128	2	6	42'-3"	ES6130	STR														128	Δ27	5	7'-6"	4W504	19	3'-9"	3'-9"																	
MSE WALLS - EPOXY COATED																																											
129	22	4	9'-6"	1A501	STR														129	22	4	9'-6"	1EM401	STR																			
130	Δ91	5	9'-3"	1A502	17	3'-9"	5'-6"												130	132	4	3'-3"	1EM402	S10	3'-9"	1'-6"	3'-9"																
131	Δ91	5	7'-6"	1A503	STR														131	22	4	9'-6"	1EM403	STR																			
132	Δ90	5	9'-4"	1A504	17	4'-10"	4'-8"	2'-0"											132	44	4	9'-6"	1EM404	STR																			
133	Δ90	5	9'-2"	1A505	17	7'-8"	1'-8"												133	30	4	9'-6"	2EM401	STR																			
134	Δ90	5	7'-11"	1A506	S10	1'-3"	0'-8"	5'-4"											134	180	4	3'-3"	2EM402	S10	1'-8"	5 1/2"	1'-1 1/2"																
135	Δ32	5	45'-9"	1A507	STR														135	30	4	9'-6"	2EM403	STR																			
136	Δ30	5	17'-0"	1A508	STR														136	60	4	9'-6"	2EM404	STR																			
137	Δ91	5	10'-3"	1A509	17	3'-9"	6'-6"												137																								
138	Δ42	8	3'-6"	1A801	19	1'-6"	2'-0"												138																								
WALL #1																																											
139	3	5	9'-0"	1W501	S10	3'-9"	1'-6"	3'-9"											139																								
140	Δ3	5	6'-9"	1W502	STR	2'-0"	1'-6"	2'-0"											140																								
141	1	5	5'-6"	1W503	S10	2'-6"	1'-6"	2'-6"											141																								
142	7	5	6'-6"	1W504	S10	2'-6"	1'-6"	2'-6"											142																								
WALL #2																																											
143	8	5	10'-6"	2W501	S10	3'-9"	1'-6"	5'-3"											143																								
144	16	5	8'-1 1/2"	2W502	STR	2'-0"	1'-6"	2'-0"											144																								
145	8	5	5'-6"	2W503	S10	2'-0"	1'-6"	2'-0"											145																								
146	Δ24	5	9'-9"	2W504	2	3'-9"	6'-0"												146																								
147	24	5	4'-0"	2W505	19	2'-0"	2'-0"												147																								

NOTES :

- UNLESS OTHERWISE DESIGNATED, ALL BAR REINFORCEMENT FOR CONCRETE IN SIZES UP TO AND INCLUDING NO. 18 SHALL CONFORM TO THE REQUIREMENTS OF THE "SPECIFICATIONS FOR DEFORMED BILLET-STEEL BARS FOR CONCRETE REINFORCEMENT", AASHTO M 31 (ASIM A 615-S1). ALL BARS SHALL BE GRADE 60, UNLESS OTHERWISE DESIGNATED.
- FOR TYPICAL BENDING DETAILS, RECOMMENDED PIN DIAMETER "D" OF BENDS AND HOOKS, AND OTHER STANDARD PRACTICE, SEE CURRENT CONCRETE REINFORCING STEEL INSTITUTE "MANUAL OF STANDARD PRACTICE".
- BARS WHICH REQUIRE MORE ACCURATE BENDING THAN STANDARD PRACTICES SHOULD HAVE LIMITS INDICATED.
- ALL DIMENSIONS ARE OUT TO OUT OF BAR EXCEPT "A" AND "G" ON STANDARD 180 DEGREE AND 135 DEGREE HOOKS.
- "J" DIMENSION ON 180 DEGREE HOOKS TO BE SHOWN ONLY WHERE NECESSARY TO RESTRICT HOOK SIZE. OTHERWISE, STANDARD HOOKS ARE TO BE USED.
- "H" DIMENSION ON STIRRUPS TO BE SHOWN ONLY WHEN NECESSARY TO MAINTAIN CLEARANCES.
- WHERE SLOPE DIFFERS FROM 45 DEGREES, DIMENSIONS "H" AND "K" MUST BE SHOWN.
- ▲ DENOTES BARS TO BE CUT IN THE FIELD.
- Δ DENOTES TWO EXTRA BARS ADDED FOR TESTING PURPOSES.



ASTM STANDARD REINFORCING BARS				
BAR SIZE DESIGNATION	WEIGHT POUNDS PER FOOT	NOMINAL DIMENSIONS ROUND SECTION		
		DIAMETER INCHES	CROSS SECTIONAL AREA SQ. INCHES	PERIMETER INCHES
#3	.376	.375	.11	1.178
#4	.668	.500	.20	1.571
#5	1.043	.625	.31	1.963
#6	1.502	.750	.44	2.356
#7	2.044	.875	.60	2.749
#8	2.670	1.000	.79	3.142
#9	3.400	1.128	1.00	3.544
#10	4.303	1.270	1.27	3.990
#11	5.313	1.410	1.56	4.430
#14	7.65	1.693	2.25	5.32
#18	13.60	2.257	4.00	7.09

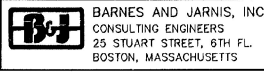
STATE OF VERMONT
AGENCY OF TRANSPORTATION

Town Of **WALLINGFORD** Bridge No. **80**
Highway No. **U.S. ROUTE 7** Log Sta.
U.S. ROUTE 7 OVER RAILROAD Surv. Sta.

REINFORCING STEEL SCHEDULE

Designed By **GRI** Drawn By **KUG**
Checked By **EMM** Date **2/95** Bridge Design Supervisor **EMM** Date **4/95**

PROJECT **WALLINGFORD** PROJECT NO. **BRS 0137 (13)**
I.G.C. Info.
Bridge Sheet No. **BR232** Sheet **92** of **113**



BARNES AND JARNIS, INC.
CONSULTING ENGINEERS
25 STUART STREET, 6TH FL.
BOSTON, MASSACHUSETTS