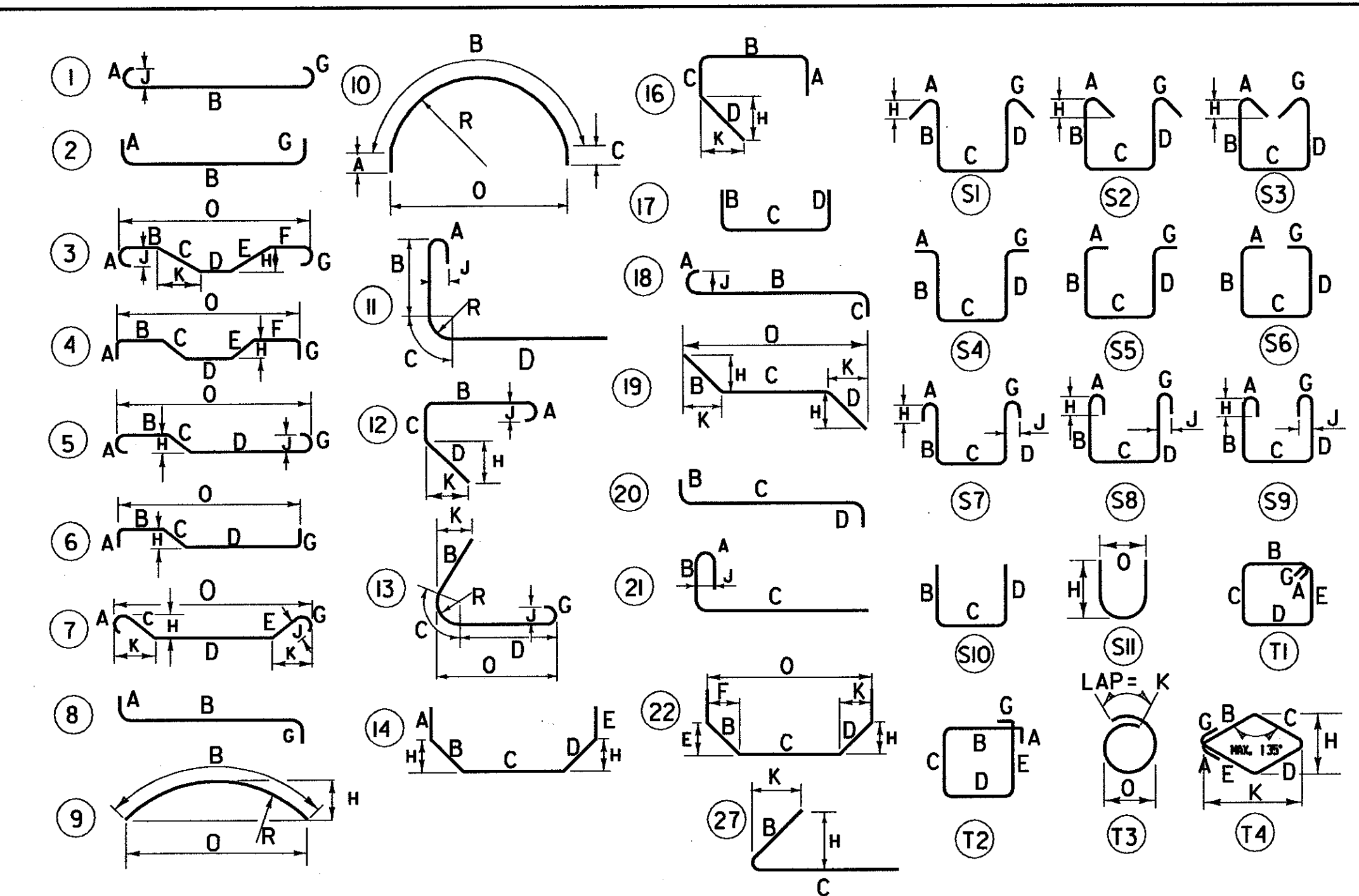


ITEM NO.	PIECES	SIZE	LENGTH	MARK	TYPE	A	B	C	D	E	F	G	H	J	K	O	R	ITEM NO.	PIECES	SIZE	LENGTH	MARK	TYPE	A	B	C	D	E	F	G	H	J	K	O	R		
<b>PIER 2</b>																																					
1	130	5	9'-6"	2P501	STR.													98																			
2	36	5	24'-7"	2P502	STR.													99																			
3	38	5	34'-6"	2P503	STR.													100																			
4	40	5	14'-6"	2P504	STR.													101																			
5	37	5	9'-3"	2P505	IO	2'-0"	9'-3"	2'-0"										102																			
6	570	5	4'-4 1/2"	2P508	ALT HOOK	5 1/2"	3'-5"	2'-0"										103																			
7	48	6	60'-0"	2P601	SPIRAL													104																			
8	15	7	37'-8"	2P701	STR.													105																			
9	17	7	27'-7"	2P702	STR.													106																			
10	124	8	8'-8"	2P801	2	1'-4"	7'-4"											107																			
11	52	8	17'-9"	2P802	STR.													108																			
12	72	8	18'-2"	2P803	STR.													109																			
13	58	8	6'-7"	2P804	2	1'-8"	3'-3"											110																			
14	15	10	25'-7"	2P1001	STR.													111																			
15	15	10	44'-4"	2P1002	STR.													112																			
16	72	11	20'-1"	2P1101	1	1'-7"	18'-6"											113																			
17	36	11	28'-1"	2P1102	1	1'-7"	26'-6"											114																			
<b>APPROACH SLAB 1</b>																																					
18	102	5	37'-7"	E1A5501	STR.													115																			
19	84	9	25'-6"	E1A5501	STR.													116																			
<b>APPROACH SLAB 2</b>																																					
20	106	5	26'-3"	E2A5501	STR.													117																			
21	70	9	26'-4"	E2A5501	STR.													118																			
<b>DECK SLAB</b>																																					
22	543	5	42'-6"	ES501	STR.													119																			
23	216	5	40'-0"	ES502	STR.													120																			
24	36	5	22'-9"	ES503	STR.													121																			
25	491	5	5'-11"	ES505	S5	0'-11/2"	1'-6 3/4"	1'-5"	1'-6 3/4"									122																			
26	16	5	2'-6"	ES507	STR.													123																			
27	32	5	7'-5"	ES508	STR.													124																			
28	10	5	37'-3"	ES509	STR.													125																			
29	60	5	40'-0"	ES510	STR.													126																			
30	11	5	20'-2"	ES511	STR.													127																			
31	38	5	5'-9"	ES512	T2	0	2'-6"	0'-8 1/2"	1'-10"	0'-8 1/2"	0							128																			
32	38	5	9'-9"	ES513	T2	0	5'-10"	0'-8 1/2"	3'-10"	0'-8 1/2"	0							129																			
33	543	6	42'-6"	ES601	STR.													130																			
34	362	6	40'-0"	ES602	STR.													131																			
35	61	6	27'-2"	ES603	STR.													132																			
36	108	6	40'-6"	ES604	STR.													133																			
37	108	6	29'-4"	ES605	STR.													134																			



**NOTES:**

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

- 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 (ASTM 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 FIELD.
- ♦ DENOTES BARS TO BE BENT IN FIELD.
- \* DENOTES ONE EXTRA BAR ADDED FOR TESTING PURPOSES.
- △ DENOTES TWO EXTRA BARS ADDED FOR TESTING PURPOSES.
- "E" IN PREFIX DENOTES EPOXY COATED REINFORCING STEEL.

**STATE OF VERMONT  
AGENCY OF TRANSPORTATION**

Town of	SEARSBURG	Bridge No.	25
Highway No.	VT. RTE. 9	Log Sta.	
		Surv. Sta.	
VT. RTE. 9 OVER DEERFIELD RIVER			
REINFORCING STEEL SCHEDULE 2 - BR 25			
Designed By	D. VIENI	Drawn by	K. DETRICK
Checked By	M. OLSTAD	Bridge Design Supervisor	M. OLSTAD
Date	2/2002	Date	2/2002
PROJECT	SEARSBURG - WILMINGTON	PROJECT NO.	NHF 010-1181
I.G.C. Info.		Sheet 164 of 435	
Bridge Sheet No. BR241			

**CHA CLOUGH, HARBOUR & ASSOCIATES LLP**  
ENGINEERS, SURVEYORS, PLANNERS & LANDSCAPE ARCHITECTS  
11 WINNERS CIRCLE ALBANY, NEW YORK, 12205

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