ITEM	NO. PIECES	SIZE	LENGTH	MARK	TYPE	A	B	C	D	E	F	G	H	J	K	O	R
1	APPROACH SLAB 1																
2	54	5	26'-11	E1AS501▲△	STR.												
3	55	9	26'-3	E1AS901▲△	1	1'-3	25'-0										
4																	
5																	
6	APPROACH SLAB 2																
7	23	5	40'-6	E2AS501▲△	STR.												
8	52	9	20'-10	E2AS901▲△	1	1'-3	19'-7										
9																	
10																	
11	DECK REINFORCEMENT																
12	524	5	42'-6	ES501	STR.												
13	266	5	40'-0	ES502	STR.												
14	38	5	40'-0	ES503 ▲	STR.												
15	2	5	28'-5	ES504	STR.	0'-11½"	1'-5½"	1'-5"	1'-5½"		0'-11½"						
16	578	5	6'-1	ES505 △	S5	~~0'-6~~	~~1'-10~~	~~1'-7~~	~~1'-8~~		~~0'-6~~						
17	12	5	2'-5	ES506▲	STR.												
18	12	5	7'-11	ES507 ▲	STR.												
19	12	5	10'-5	ES508 ▲	STR.												
20	1	5	44'-10	ES509	STR.												
21	70	5	40'-0	ES510	STR												
22	10	5	40'-0	ES511 ▲	STR.												
23	72	5	5'-9	ES512 △	T2		2'-6	0'-8½	1'-10	0'-8½							
24	102	5	40'-0	ES513 ▲	STR.												
25																	
26	524	6	42'-6	ES601	STR.												
27	102	6	40'-0	ES602 ▲	STR.												
28	434	6	40'-0	ES603	STR.												
29	62	6	40'-0	ES604 ▲	STR.												
30	76	6	40'-0	ES605	STR.												
31	40	6	24'-0	ES606 △	STR.												
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ITEM	NO. PIECES	SIZE	LENGTH	MARK	TYPE	A	B	C	D	E	F	G	H	J	K	O	R
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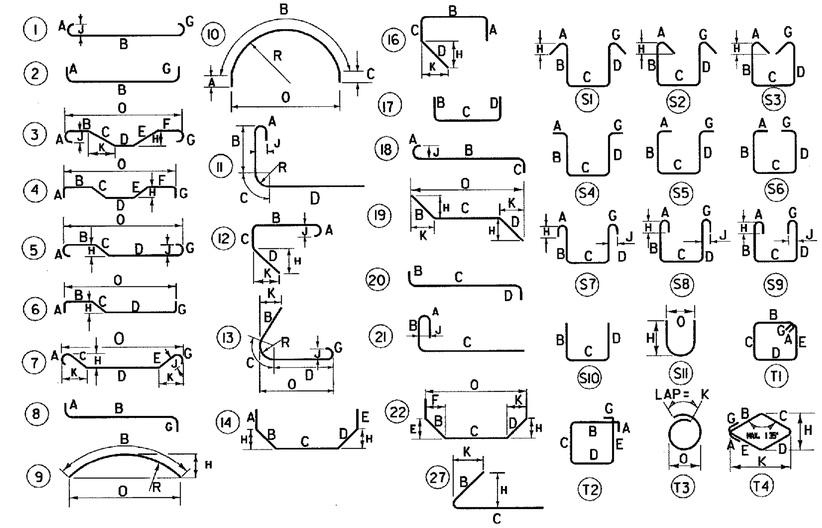

NOTES:

1. 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.
2. 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.
3. BARS WHICH REQUIRE MORE ACCURATE BENDING THAN STANDARD PRACTICES SHOULD HAVE LIMITS INDICATED.
4. ALL DIMENSIONS ARE OUT TO OUT OF BAR EXCEPT A AND G ON STANDARD 180 DEGREE AND 135 DEGREE HOOKS.
5. J DIMENSION ON 180 DEGREE HOOKS TO BE SHOWN ONLY WHERE NECESSARY TO RESTRICT HOOK SIZE. OTHERWISE, STANDARD HOOKS ARE TO BE USED.
6. H DIMENSION ON STIRRUPS TO BE SHOWN ONLY WHEN NECESSARY TO MAINTAIN CLEARANCES.
7. WHERE SLOPE DIFFERS FROM 45 DEGREES, DIMENSIONS H AND K MUST BE SHOWN.
8. ▲ DENOTES BARS TO BE CUT IN FIELD.
9. ♦ DENOTES BARS TO BE BENT IN FIELD.
10. ✳ DENOTES ONE EXTRA BAR ADDED FOR TESTING PURPOSES.
11. △ DENOTES TWO EXTRA BARS ADDED FOR TESTING PURPOSES.
12. E IN PREFIX DENOTES EPOXY COATED REINFORCING STEEL.

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 SEARSBURG	Bridge No. 25A Log Sta.
Highway No. VT. RTE. 9	Surv. Sta.
VT. RTE. 9 OVER DEERFIELD RIVER	
RIENFORCING STEEL SCHEDULE 2 - BR 25A	
Designed By D. VIENI	Drawn by K. DETRICK
Checked By M. OLSTAD Date 2/2002	Bridge Design Supervisor M. OLSTAD Date 2/2002
PROJECT SEARSBURG - WILMINGTON	PROJECT NO. NHF 010-K(8)
I.G.C. Info.	
Bridge Sheet No. BR339	Sheet 201 OF 435

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

FILE NAME = u:\3755\MSTN\15\BRDG25A\25a_bar list.DGN
DATE/TIME = 02/28/02
USER = 5222