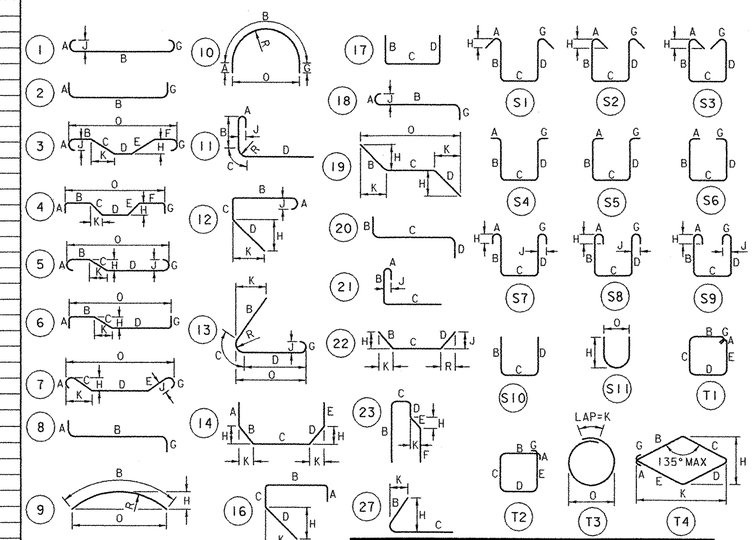
ITEM	NO. PIECES	SIZE	LENGTH	MARK	TYPE	A	B	C	D	E	F	G	H	J	K	R	O
			FRAME LEG NO.1														
✱	45	16	2750	1F1601	STR												
	20	16	12 850	1F1602	STR												
	43	16	2175	1F1603	2	250	1925										
	43	16	6400	1F1604	STR												
	27	16	2100	1F1605	16		1030	350	720								
	44	16	12 550	1F1606	STR												
	2	16	7850	1F1607	STR												
✱	44	25	5100	1F2501	17		1350	3750									
	42	25	6475	1F2502	17		5100	1375									
	14	25	1600	1F2503	19		500	1100					500				
	85	29	3725	1F2901	2	475	3250										
	85	29	6920	1F2902	STR												
✱	45	32	3850	1F3201	2	550	2750					550					
			FRAME LEG NO.2														
✱	48	16	2750	2F1601	STR												
	20	16	13 725	2F1602	STR												
	46	16	2175	2F1603	2	250	1925										
	43	16	6500	2F1604	STR												
	27	16	2100	2F1605	16		1030	350	720								
	46	16	12 550	2F1606	STR												
	14	16	2175	2F1607	17		1575	600									
	14	16	3015	2F1608	17		1705	1310									
	9	16	3725	2F1609	STR												
	2	16	7850	2F1610	STR												
✱	44	25	5100	2F2501	17		1350	3750									
	42	25	6575	2F2502	17		5200	1375									
	14	25	1600	2F2503	19		500	1100					500				
	4	25	4000	2F2504	17		3720	280									
△	93	29	3725	2F2901	2	475	3250										
	87	29	6950	2F2902	STR												
✱	48	32	3850	2F3201	2	550	2750					550					
			DECK														
✱	5	13	1360	S1300	S11								625				110
	82	16	12 600	S1601	STR												
	82	16	3400	S1602	S5	250	550	1800	550			250					
	14	16	11 930	S1603	STR												
△	88	22	3150	S2201	19		825	1500	825				240		790		
	85	22	8430	S2202	STR												
△	45	25	11 930	S2501	STR												
			APPROACH SLAB NO.1														
✱	22	16	7850	1AS1601	STR												
✱	34	29	6230	1AS2901	1	380	5850							250			
			APPROACH SLAB NO.2														
✱	22	16	7850	2AS1601	STR												
✱	34	29	6230	2AS2901	1	380	5850							250			
			WINGWALL COPING														
	34	16	11 365	W1601	STR												
△	36	16	8685	W1602	STR												
	34	16	12 205	W1603	STR												
	34	16	9005	W1604	STR												
	12	16	2380	W1605	22		970	440	970				690				
	12	16	1550	W1606	17		500	550	500								
	68	16	1600	W1607	STR												
△	297	19	1590	W1901	1	220	1370							160			
	295	19	3160	W1902	4				900	1010	400	850					
	12	19	3660	W1903	4				900	1010	900	850					
			CONCRETE STAIR														
	7	16	3720	CS1601	17		600	2520	600								
	8	16	2450	CS1602	17		600	1250	600								
▲	23	16	2520	CS1603	2	250	2270										
	7	16	1380	CS1604	2	250	1130										
	11	16	2450	CS1605	17		600	1250	600								
▲	11	16	2330	CS1606	STR												
	11	16	1250	CS1607	STR												
	7	16	2850	CS1608	19		280	2570					130		250		
	2	16	2500	CS1609	17		600	1300	600								

NOTES

1. UNLESS OTHERWISE DESIGNATED, ALL BAR REINFORCEMENT FOR CONCRETE IN SIZES UP TO AND INCLUDING 55M SHALL CONFROM TO THE REQUIREMENT OF THE "SPECIFICATIONS FOR DEFORMED BILLET-STEEL BARS FOR CONCRETE REINFORCEMENT", AASHTO M 31M (ASTM A 615M-SI). ALL BARS SHALL BE GRADE 420, 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 ARE TO BE SHOWN ONLY WHEN NECESSARY TO RESTRICT HOOK SIZE. OTHERWISE, STANDARD HOOKS ARE TO BE USED.
6. "H" DIMENSION ON STIRRUPS ARE TO BE SHOWN ONLY WHEN NECCESSARY 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 ONE EXTRA BAR ADDED FOR TESTING PURPOSES.
10. △ DENOTES TWO EXTRA BARS ADDED FOR TESTING PURPOSES.
11. ~~"E" IN PREFIX DENOTES EPOXY COATED REINFORCING STEEL.~~



ALL STEEL DETAILED ON THIS SHEET TO BE EPOXY COATED

Dufresne-Henry

ASTM STANDARD REINFORCING BARS

BAR SIZE DESIGNATION	NOMINAL MASS kg/m	NOMINAL DIMENSIONS ROUND SECTION: DIAMETER mm	CROSS SECTIONAL AREA mm²	PERIMETER mm
10	0.560	9.5	71	29.84
13	0.994	12.7	129	39.90
16	1.552	15.9	199	49.95
19	2.235	19.1	284	60.00
22	3.042	22.2	387	69.74
25	3.973	25.4	510	79.80
29	5.060	28.7	645	90.16
32	6.404	32.3	819	101.47
36	7.907	35.8	1006	112.47
43	11.380	43.0	1452	135.09
57	20.240	57.3	2581	180.01

STATE OF VERMONT
AGENCY OF TRANSPORTATION

Town Of WATERBURY	Bridge No. 35
	Log Sta.
Highway No.	Surv. Sta.

STOWE ST. BRIDGE OVER CENTRAL VERMONT RAILROAD

REINFORCING SCHEDULE

Designed By R. GINGRAS	Drawn By A. THIBAULT
Checked By T. KNIGHT Date 3/03	Bridge Design Supervisor Date
PROJECT WATERBURY	PROJECT NO. BRO 1446(26)

DH CAD Filename: ...\48_ssb_reinfsched.dgr Plot Date: 01/26/2004

Bridge Sheet No. BR112 48 63

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