STATE OF VERMONT
AGENCY OF TRANSPORTATION

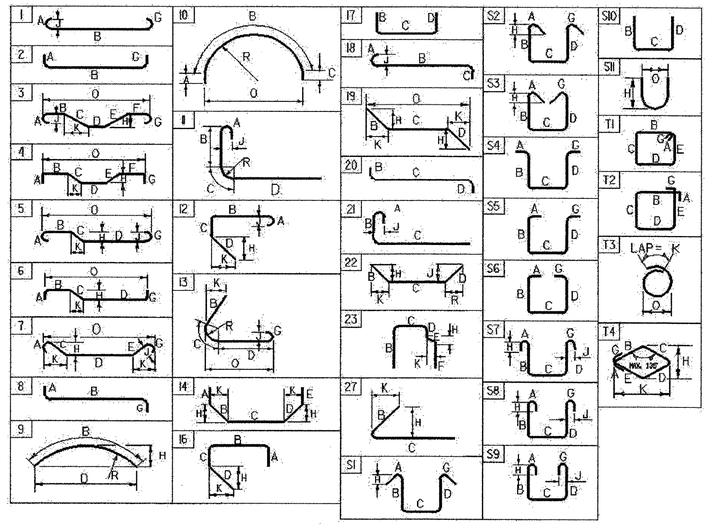
REINFORCING STEEL SCHEDULE

	EACH	SIZE	LENGTH	MARK	TYPE	A	B	C	D	E	F	G	H	J	K	R	O
				ABUTMENT #1													
●	45	5	5'- 2"	1A501	STR												
	44	5	21'- 10"	1A502	STR												
	66	5	24'- 6"	1A503	STR												
	4	5	3'- 6"	1A504	STR												
●	145	5	8'- 6"	1A505	STR												
	4	5	6'- 8"	1A506	17		2'- 10"	1'- 0"	2'- 10"								
	194	5	5'- 7"	1A507	17		2'- 2"	3'- 5"	——								
	52	5	6'- 4"	1A508	17		2'- 2"	4'- 2"	——								
	26	5	7'- 5"	1A509	17		3'- 5"	0'- 7"	3'- 5"								
	30	6	25'- 6"	1A601	STR												
	44	8	14'- 8"	1A801	STR												
	14	8	5'- 7"	1A802	17		1'- 0"	4'- 7"	——								
●	82	9	17'- 2"	1A901	1	1'- 3"	14'- 0"					1'- 3"			0'- 11"		
●	43	11	11'- 1"	1A1101	17		1'- 7"	9'- 6"	——								
	44	11	15'- 8"	1A1102	17		1'- 7"	14'- 1"	——								
				WINGWALL #1													
▲	15	5	12'- 6"	1W501	STR												
▲	9	5	3'- 5"	1W502	STR												
▲	28	5	14'- 9"	1W503	STR												
	14	5	5'- 5"	1W504	17		2'- 2"	1'- 1"	2'- 2"								
▲	15	8	12'- 6"	1W801	STR												
▲	9	8	6'- 8"	1W802	STR												
				WINGWALL #2													
▲	15	5	12'- 6"	2W501	STR												
▲	9	5	3'- 5"	2W502	STR												
▲	28	5	14'- 9"	2W503	STR												
	14	5	5'- 5"	2W504	17		2'- 2"	1'- 1"	2'- 2"								
▲	15	8	12'- 6"	2W801	STR												
▲	9	8	6'- 8"	2W802	STR												
				ABUTMENT #2													
	44	5	5'- 2"	2A501	STR												
	44	5	21'- 10"	2A502	STR												
	66	5	24'- 6"	2A503	STR												
	4	5	3'- 6"	2A504	STR												
	144	5	8'- 6"	2A505	STR												
	4	5	6'- 8"	2A506	17		2'- 10"	1'- 0"	2'- 10"								
	194	5	5'- 7"	2A507	17		2'- 2"	3'- 5"	——								
	52	5	6'- 4"	2A508	17		2'- 2"	4'- 2"	——								
	26	5	7'- 5"	2A509	17		3'- 5"	0'- 7"	3'- 5"								
●	31	6	25'- 6"	2A601	STR												
●	45	8	14'- 8"	2A801	STR												
	14	8	5'- 7"	2A802	17		1'- 0"	4'- 7"	——								
	81	9	16'- 6"	2A901	1	1'- 3"	14'- 0"					1'- 3"			0'- 11"		
	42	11	11'- 1"	2A1101	17		1'- 7"	9'- 6"									
	44	11	15'- 8"	2A1102	17		1'- 7"	14'- 1"									
				WINGWALL #3													
▲	15	5	10'- 6"	3W501	STR												
▲	9	5	3'- 5"	3W502	STR												
▲	28	5	14'- 9"	3W503	STR												
	14	5	5'- 5"	3W504	17		2'- 2"	1'- 1"	2'- 2"								
▲	15	8	10'- 6"	3W801	STR												
▲	9	8	6'- 8"	3W802	STR												
				WINGWALL #4													
▲	15	5	10'- 6"	4W501	STR												
▲	9	5	3'- 5"	4W502	STR												
▲	28	5	14'- 9"	4W503	STR												
	14	5	5'- 5"	4W504	17		2'- 2"	1'- 1"	2'- 2"								
▲	15	8	10'- 6"	4W801	STR												
▲	9	8	6'- 8"	4W802	STR												

ITEM	EACH	SIZE	LENGTH	MARK	TYPE	A	B	C	D	E	F	G	H	J	K	R	O

~ 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-SI). 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 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.



ASTM STANDARD REINFORCING BARS

BAR SIZE DESIGNATION	WEIGHT POUNDS PER FOOT	NOMINAL DIMENSIONS ROUND SECTION		
		DIAMETER INCHES	AREA INCHES^2	PERIMETER INCHES
#3	0.376	0.375	0.11	1.178
#4	0.668	0.500	0.20	1.571
#5	1.043	0.625	0.31	1.963
#6	1.502	0.750	0.44	2.356
#7	2.044	0.875	0.60	2.749
#8	2.670	1.000	0.79	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

PROJECT NAME: **PROCTOR - PITTSFORD**
PROJECT NUMBER: **BHO 1443 (37)**

FILE NAME:	sj242erss.xls	PLOT DATE:	9/10/02
PROJECT LEADER:	C.P.WILLIAMS	DRAWN BY:	T. ANDERSON
DESIGNED BY:	W.B.SYMONDS	CHECKED BY:	R.S.YOUNG
REINFORCING STEEL SCHEDULE		SHEET	39 OF 60