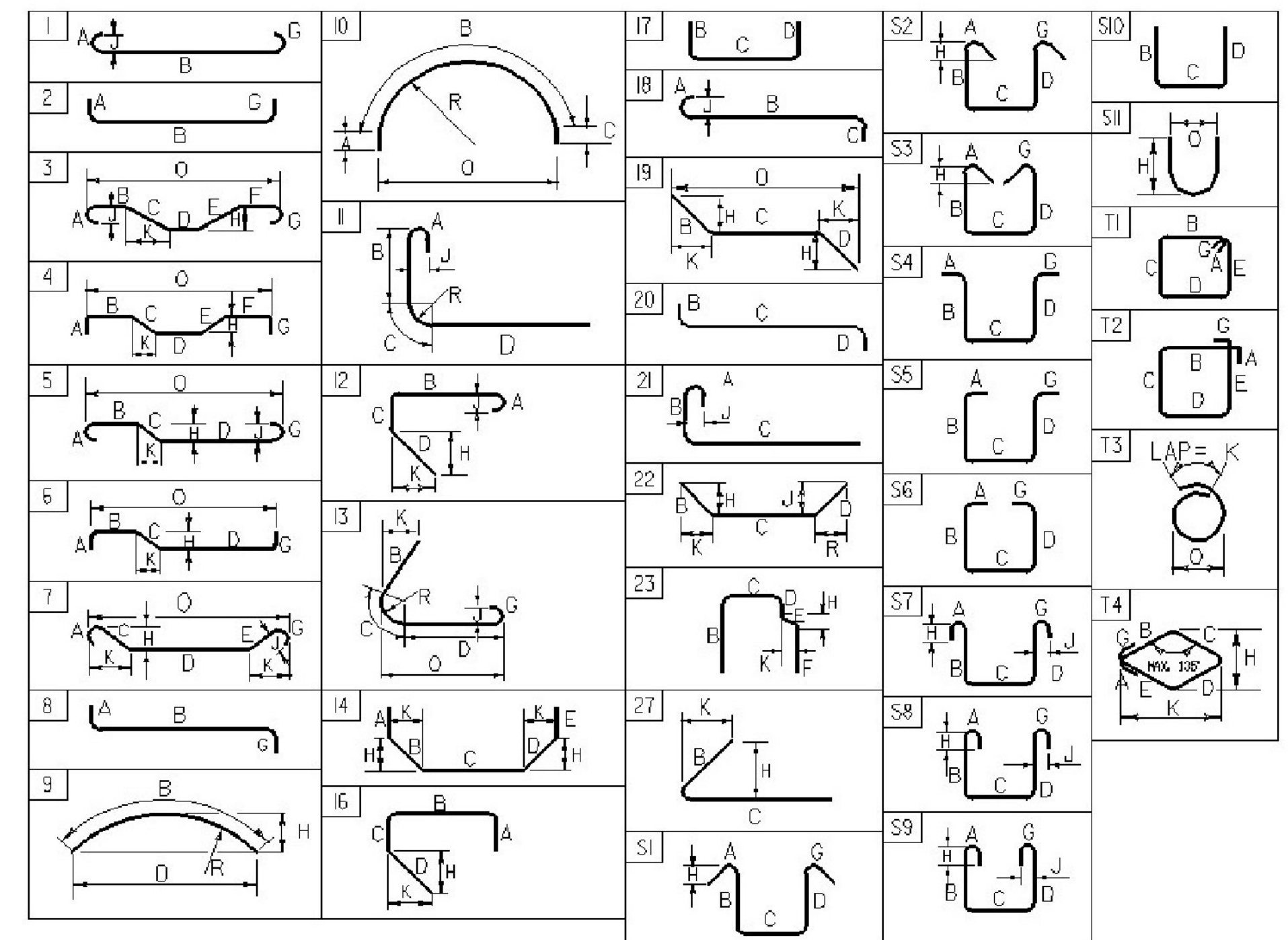


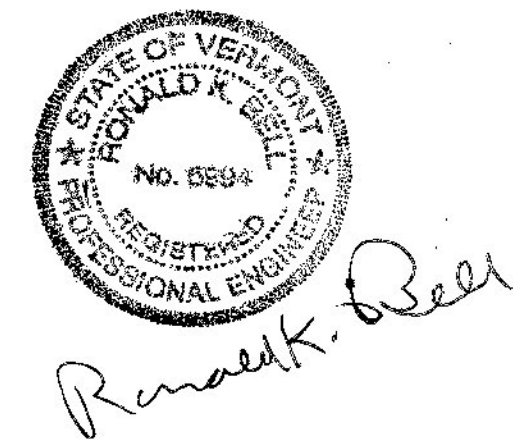
ITEM	EACH	SIZE	LENGTH	MARK	TYPE	A	B	C	D	E	F	G	H	J	K	R	O	ITEM	EACH	SIZE	LENGTH	MARK	TYPE	A	B	C	D	E	F	G	H	J	K	R	O
ASU #1																																			
8	9	20'-6"	1AP901	1	1'-0"	19'-6"																													
8	6	19'-6"	1AP601	STR	19'-6"																														
4	6	4'-2"	1AP602	4	--	1'-5"	0'-8"	--	0'-8"	1'-5"	--	5 3/8"																							
4	5	19'-6"	1AP501	STR	19'-6"																														
21	5	13'-10"	1AP503	S11									6'-9"				0'-7"																		
ASU #2																																			
8	9	20'-6"	1AP901	1	1'-0"	19'-6"																													
8	6	19'-6"	1AP601	STR	19'-6"																														
4	6	4'-2"	1AP602	4	--	1'-5"	0'-8"	--	0'-8"	1'-5"	--	5 3/8"																							
4	5	19'-6"	1AP501	STR	19'-6"																														
42	5	12'-3"	1AP502	S11									5'-11"				0'-7"																		
ASU #3																																			
8	9	20'-6"	1AP901	1	1'-0"	19'-6"																													
8	6	19'-6"	1AP601	STR	19'-6"																														
4	6	4'-2"	1AP602	4	--	1'-5"	0'-8"	--	0'-8"	1'-5"	--	5 3/8"																							
4	5	19'-6"	1AP501	STR	19'-6"																														
42	5	12'-3"	1AP502	S11									5'-11"				0'-7"																		
ASU #4																																			
8	9	20'-6"	1AP901	1	1'-0"	19'-6"																													
8	6	19'-6"	1AP601	STR	19'-6"																														
4	6	4'-2"	1AP602	4	--	1'-5"	0'-8"	--	0'-8"	1'-5"	--	5 3/8"																							
21	5	13'-10"	1AP503	S11									6'-9"				0'-7"																		
ASU #5																																			
8	9	20'-5"	2AP901	1	1'-0"	19'-6"																													
8	6	19'-5"	2AP601	STR	19'-6"																														
4	6	4'-2"	1AP602	4	--	1'-5"	0'-8"	--	0'-8"	1'-5"	--	5 3/8"																							
4	5	19'-5"	2AP501	STR	19'-6"																														
2	5	15'-1"	2AP511	S11									7'-4"				0'-7"																		
2	5	14'-11"	2AP512	S11									7'-3"				0'-7"																		
2	5	14'-10"	2AP513	S11									7'-3"				0'-7"																		
2	5	14'-8"	2AP514	S11									7'-2"				0'-7"																		
2	5	14'-7"	2AP515	S11									7'-1"				0'-7"																		
2	5	14'-5"	2AP516	S11									7'-0"				0'-7"																		
2	5	14'-4"	2AP517	S11									7'-0"				0'-7"																		
2	5	14'-2"	2AP518	S11									6'-11"				0'-7"																		
2	5	14'-1"	2AP519	S11									6'-10"				0'-7"																		
2	5	13'-11"	2AP520	S11									6'-9"				0'-7"																		
2	5	13'-10"	2AP521	S11									6'-9"				0'-7"																		
ASU #6																																			
8	9	20'-6"	2AP901	1	1'-0"	19'-6"																													
8	6	19'-6"	2AP601	STR	19'-6"																														
4	6	4'-2"	1AP602	4	--	1'-5"	0'-8"	--	0'-8"	1'-5"	--	5 3/8"																							
4	5	19'-6"	2AP501	STR	19'-6"																														
42	5	12'-3"	2AP502	S11									5'-11"				0'-7"																		
ASU #7																																			
8	9	20'-6"	2AP901	1	1'-0"	19'-6"																													
8	6	19'-6"	2AP601	STR	19'-6"																														
4	6	4'-2"	1AP602	4	--	1'-5"	0'-8"	--	0'-8"	1'-5"	--	5 3/8"																							
4	5	19'-6"	2AP501	STR	19'-6"																														
42	5	12'-3"	2AP502	S11									5'-11"				0'-7"																		
ASU #8																																			
8	9	20'-6"	2AP901	1	1'-0"	19'-6"																													
8	6	19'-6"	2AP601	STR	19'-6"																														
4	6	4'-2"	1AP602	4	--	1'-5"	0'-8"	--	0'-8"	1'-5"	--	5 3/8"																							
2	5	13'-9"	2AP501	S11									6'-8"				0'-7"																		
2	5	13'-8"	2AP501	S11									6'-8"				0'-7"																		
2	5	13'-6"	2AP501	S11									6'-7"				0'-7"																		
2	5	13'-5"	2AP502	S11									6'-6"				0'-7"																		
2	5	13'-4"	2AP503	S11									6'-6"				0'-7"																		
2	5	13'-2"	2AP504	S11									6'-5"				0'-7"																		
2	5	13'-1"	2AP506	S11									6'-4"				0'-7"																		
2	5	12'-11"	2AP507	S11									6'-3"				0'-7"																		
2	5	12'-10"	2AP508	S11									6'-3"				0'-7"																		
2	5	12'-8"	2AP509	S11									6'-2"				0'-7"																		
2	5	12'-7"	2AP510	S11									6'-1"				0'-7"																		

~ 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 (ASTM A 615-SI). 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 ONE EXTRA BAR ADDED FOR TESTING PURPOSES.
- △ DENOTES TWO EXTRA BARS ADDED FOR TESTING PURPOSES.
- .3 IN BAR MARK SUFFIX DENOTES LEVEL III 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



Vermont Agency of Transportation
RECEIVED
 CK'D BY D. PETERSON OK'D BY C. CARLSON
 June 9, 2015
 RESUBMIT NO Approved
 BY C. CARLSON DATE 06/11/2015

REV. NO.	DATE
3	06/08/15
2	05/21/15
1	05/08/15

RENAUD BROS. INC.
 283 Ft. Bridgeman Rd., Vernon Vt., 05354
 PH (802) 251-7383 FAX (802) 251-7308

SHEET NAME: APPROACH SLAB PLANS		SHEET NO. 2
PROJECT NAME: ANDOVER	PROJECT NO: BHF 016-1 (29)	OF 6
DRAWN BY: CE	CHK'D BY: CE	DATE: 04/29/2015

REINFORCING SCHEDULE