

NOTES

THE COST OF THE BARRIER RAIL ON THE APPROACH SLAB SHALL BE INCLUDED IN THE LUMP SUM CONTRACT PRICE BID FOR BRIDGE APPROACH SLABS.

FOR REINFORCED BRIDGE APPROACH FILL INCLUDING FABRIC, IMPERMEABLE GEOMEMBRANE, 4" Ø DRAINAGE PIPE, #78M STONE, AND SELECT MATERIAL, SEE ROADWAY PLANS.

TEMPORARY DRAINAGE AND TEMPORARY BERM AND SLOPE DRAINS WILL BE PAID FOR UNDER THE LUMP SUM PRICE FOR BRIDGE APPROACH SLAB.

AREA BETWEEN THE WINGWALL AND APPROACH SLAB SHALL BE GRADED TO DRAIN THE WATER AWAY FROM THE FILL FACE OF THE BRIDGE AND SHALL BE PAVED. SEE ROADWAY PLANS.

THE 6" COMP. A.B.C. SHALL EXTEND 10'-0" BEYOND THE END OF THE APPROACH SLAB AND 1'-0" OUTSIDE OF EACH EDGE OF SLAB.

THE CONTRACTOR MAY USE 4" TYPE B-25.0B ASPHALT CONCRETE BASE COURSE IN LIEU OF 6" COMP. A.B.C. IF THIS OPTION IS USED, THE BASE COURSE SHALL EXTEND 1'-0" BEYOND THE END OF THE APPROACH SLAB AND THE WIDTH SHALL BE THE SAME AS THAT OF THE APPROACH SLAB.

THE CONTRACTOR MAY USE 5" CLASS "A" CONCRETE BASE IN LIEU OF 6" COMP. A.B.C. IF THIS OPTION IS USED, THE CONCRETE BASE SHALL EXTEND 1'-0" BEYOND THE END OF THE APPROACH SLAB AND THE WIDTH SHALL BE THE SAME AS THAT OF THE APPROACH SLAB. THE CONCRETE SHALL BE FINISHED TO A SMOOTH SURFACE AND A LAYER OF 30 LB ROOFING FELT SHALL BE PLACED BETWEEN THE CONCRETE BASE AND THE APPROACH SLAB TO PREVENT BOND. THE APPROACH SLAB SHALL NOT BE CAST UNTIL THE CONCRETE BASE HAS REACHED AN AGE OF THREE CURING DAYS.

FOR JOINT DETAILS, SEE "PRESTRESSED CONCRETE CORED SLAB UNIT" SHEETS.

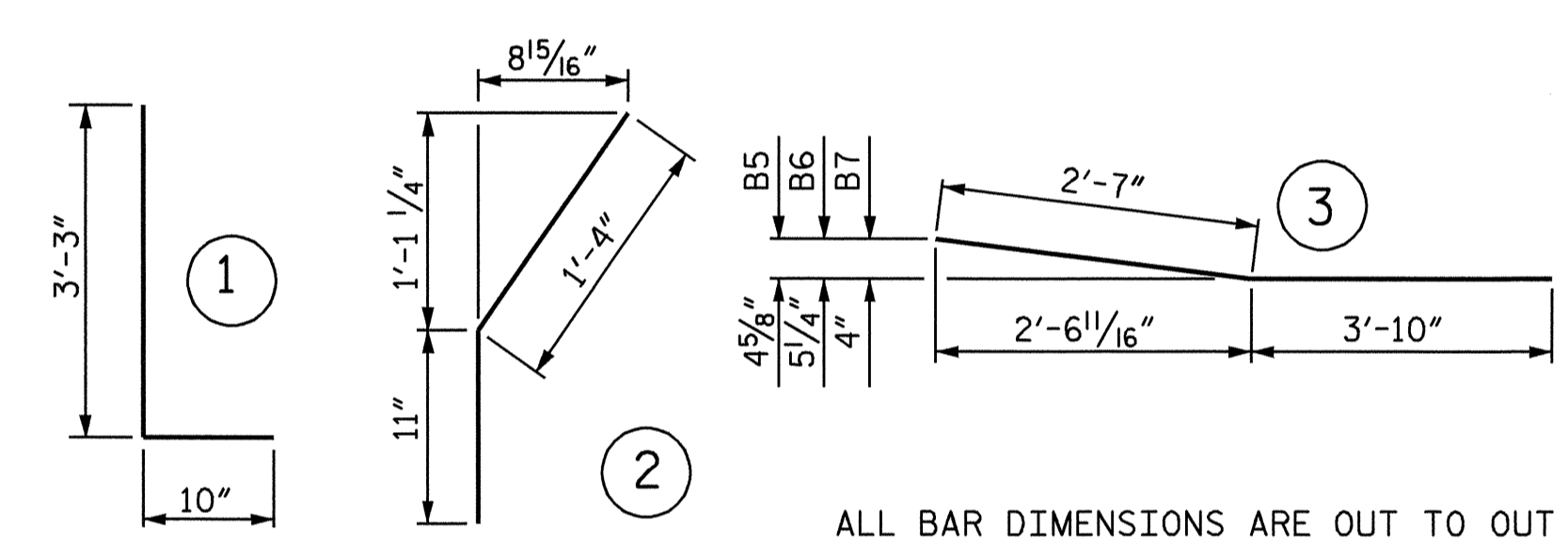
THE JOINT AT THE END BENT SHALL BE SEALED AS SOON AS PRACTICAL AFTER THE CONSTRUCTION OF THE APPROACH SLABS.

APPROACH SLAB GROOVING IS NOT REQUIRED.

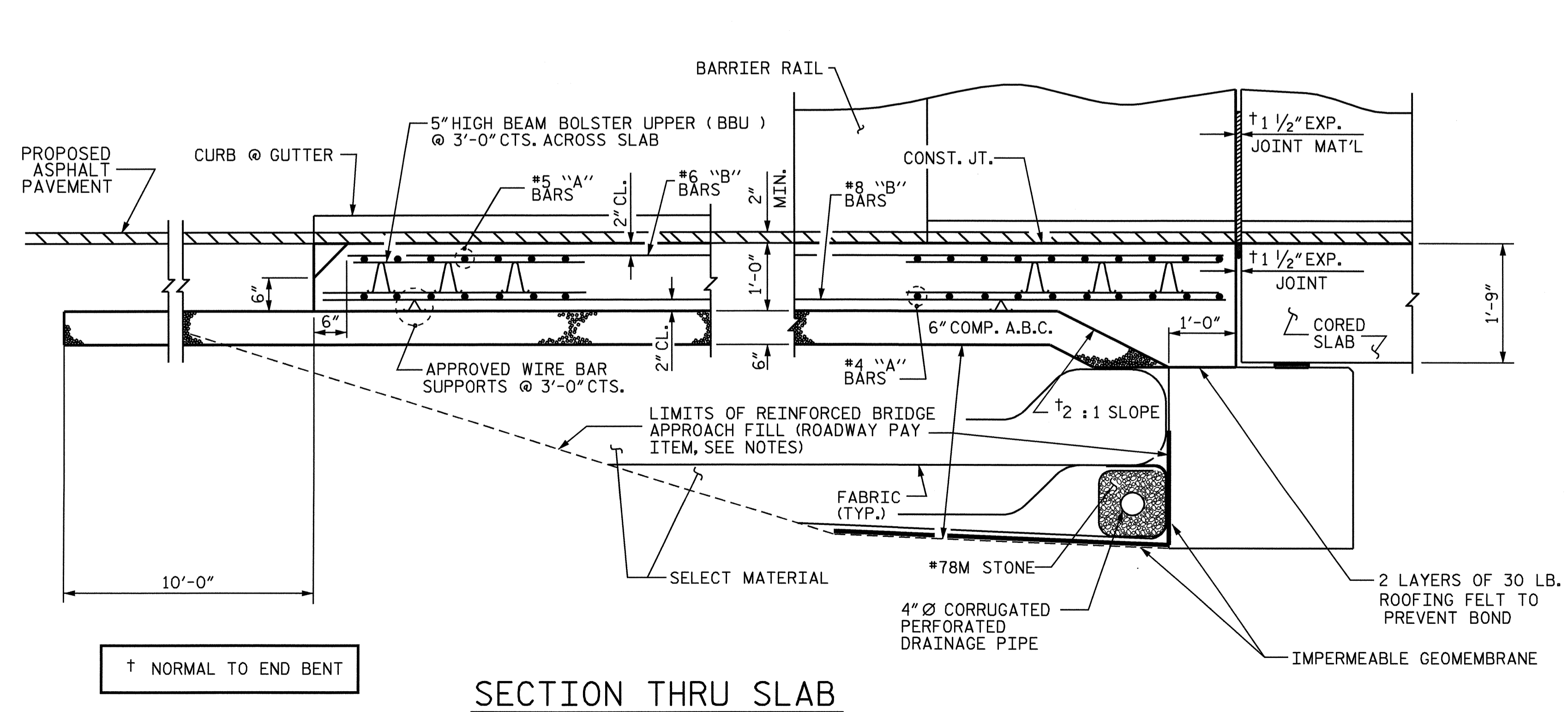
BILL OF MATERIAL

APPROACH SLAB @ END BENT 1 (STAGE 1)						APPROACH SLAB @ END BENT 1 (STAGE 2)						APPROACH SLAB @ END BENT 2 (STAGE 1)						APPROACH SLAB @ END BENT 2 (STAGE 2)					
BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT	BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT	BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT	BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
*A1	19	#5	STR	17- 6	347	*A5	19	#5	STR	8- 6	168	*A9	22	#5	STR	17- 8	405	*A13	26	#5	STR	8- 8	235
A2	19	#4	STR	17- 6	222	A6	19	#4	STR	8- 6	108	A10	22	#4	STR	17- 8	260	A14	26	#4	STR	8- 8	151
*A3	24	#5	STR	17- 8	442	*A7	24	#5	STR	8- 8	217	*A11	32	#5	STR	17- 6	584	*A15	28	#5	STR	8- 6	248
A4	24	#4	STR	17- 8	283	A8	24	#4	STR	8- 8	139	A12	32	#4	STR	17- 6	374	A16	28	#4	STR	8- 6	159
*B1	36	#6	STR	20- 8	1117	*B1	18	#6	STR	20- 8	559	*B3	7	#6	STR	11- 8	123	*B3	7	#6	STR	11- 8	123
B2	36	#8	STR	21- 2	2035	B2	18	#8	STR	21- 2	1017	*B6	1	#5	3	6- 5	7	*B7	1	#5	3	6- 5	7
*B3	8	#6	STR	11- 8	140	*B3	8	#5	STR	11- 8	140	*B101	10	#6	STR	16- 1	242	*B105	18	#6	STR	14-10	401
B4	1	#8	STR	11- 8	31	B4	1	#5	STR	11- 8	31	*B102	24	#6	STR	15-11	574	*B106	16	#6	STR	14- 7	350
*B5	1	#5	3	6- 5	7	*B5	1	#5	3	6- 5	7	*B103	24	#6	STR	15- 8	565	*B107	1	#6	STR	11-10	18
*S1	24	#5	STR	3- 3	81	*D1	17	#6	STR	1- 6	38	*B104	10	#6	STR	15- 1	227	*B110	1	#6	STR	4- 6	7
*S2	24	#5	1	4- 1	102	*S1	24	#5	STR	3- 3	81	*B107	1	#6	STR	11- 9	18	*B111	1	#6	STR	16- 8	25
*S3	10	#5	2	2- 3	23	*S2	24	#5	1	4- 1	102	*B108	1	#6	STR	14- 6	22	*B112	1	#6	STR	12-10	19
REINFORCING STEEL 2571 LBS.						REINFORCING STEEL 1295 LBS.						REINFORCING STEEL 3643 LBS.						REINFORCING STEEL 1777 LBS.					
*EPOXY COATED REINFORCING STEEL 2259 LBS.						*EPOXY COATED REINFORCING STEEL 1335 LBS.						*EPOXY COATED REINFORCING STEEL 3012 LBS.						*EPOXY COATED REINFORCING STEEL 1680 LBS.					
CLASS AA CONCRETE BREAKDOWN						CLASS AA CONCRETE BREAKDOWN						CLASS AA CONCRETE BREAKDOWN						CLASS AA CONCRETE BREAKDOWN					
POUR 1 SLAB & CURB 17.6 C. Y.						POUR 1 SLAB & CURB 8.8 C. Y.						POUR 1 SLAB & CURB 9.0 C. Y.						POUR 1 SLAB & CURB 19.2 C. Y.					
POUR 2 RAIL 1.1 C. Y.						POUR 2 RAIL 1.1 C. Y.						POUR 2 RAIL 1.1 C. Y.						POUR 2 RAIL 1.1 C. Y.					
CLASS AA CONCRETE 18.7 C. Y.						CLASS AA CONCRETE 9.9 C. Y.						CLASS AA CONCRETE 20.3 C. Y.						CLASS AA CONCRETE 10.1 C. Y.					

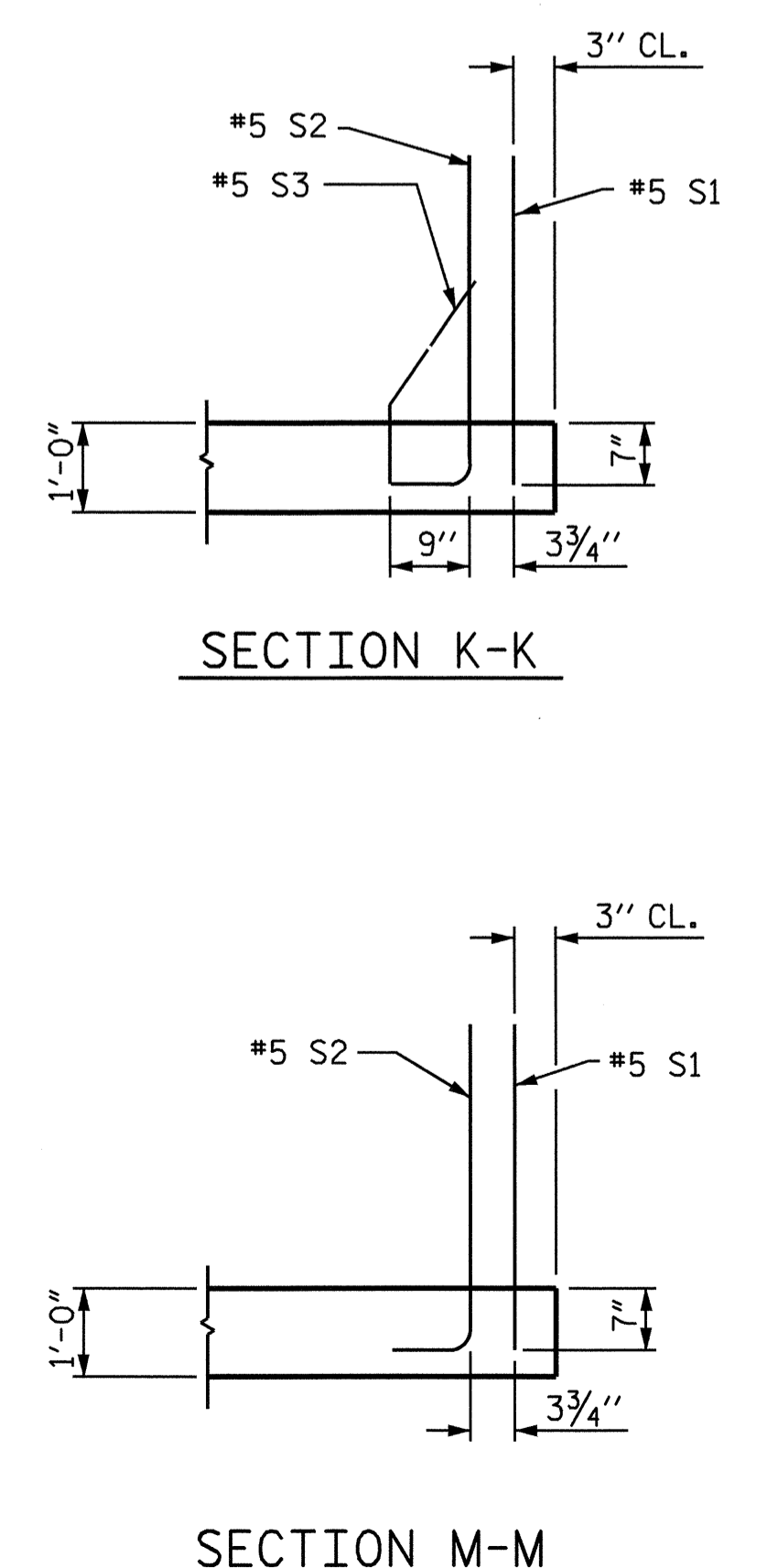
BAR TYPES



ALL BAR DIMENSIONS ARE OUT TO OUT

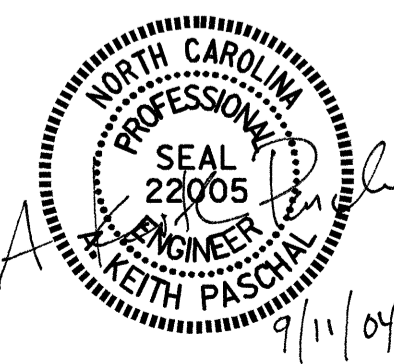


SECTION THRU SLAB



PROJECT NO. B-3667
JACKSON COUNTY
 STATION: 12+52.50 -L-

SHEET 1 OF 4
 STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH
 STANDARD
 BRIDGE APPROACH SLAB
 FOR PRESTRESSED CONCRETE
 CORED SLAB WITH
 BARRIER RAIL



ASSEMBLED BY : K. McCAULEY	DATE : 8/5/04
CHECKED BY : A. L. MEADOWS	DATE : 8/12/04
DRAWN BY : LES 8/01	REV. 10/17/00 RWW/LES
CHECKED BY : RDR 8/01	REV. 1/10/01 LES/RDR
	REV. 5/7/03R RWW/JTE

REVISIONS						SHEET NO.	
NO.	BY:	DATE:	NO.	BY:	DATE:	S-18	
1			3			TOTAL SHEETS	37
2			4				