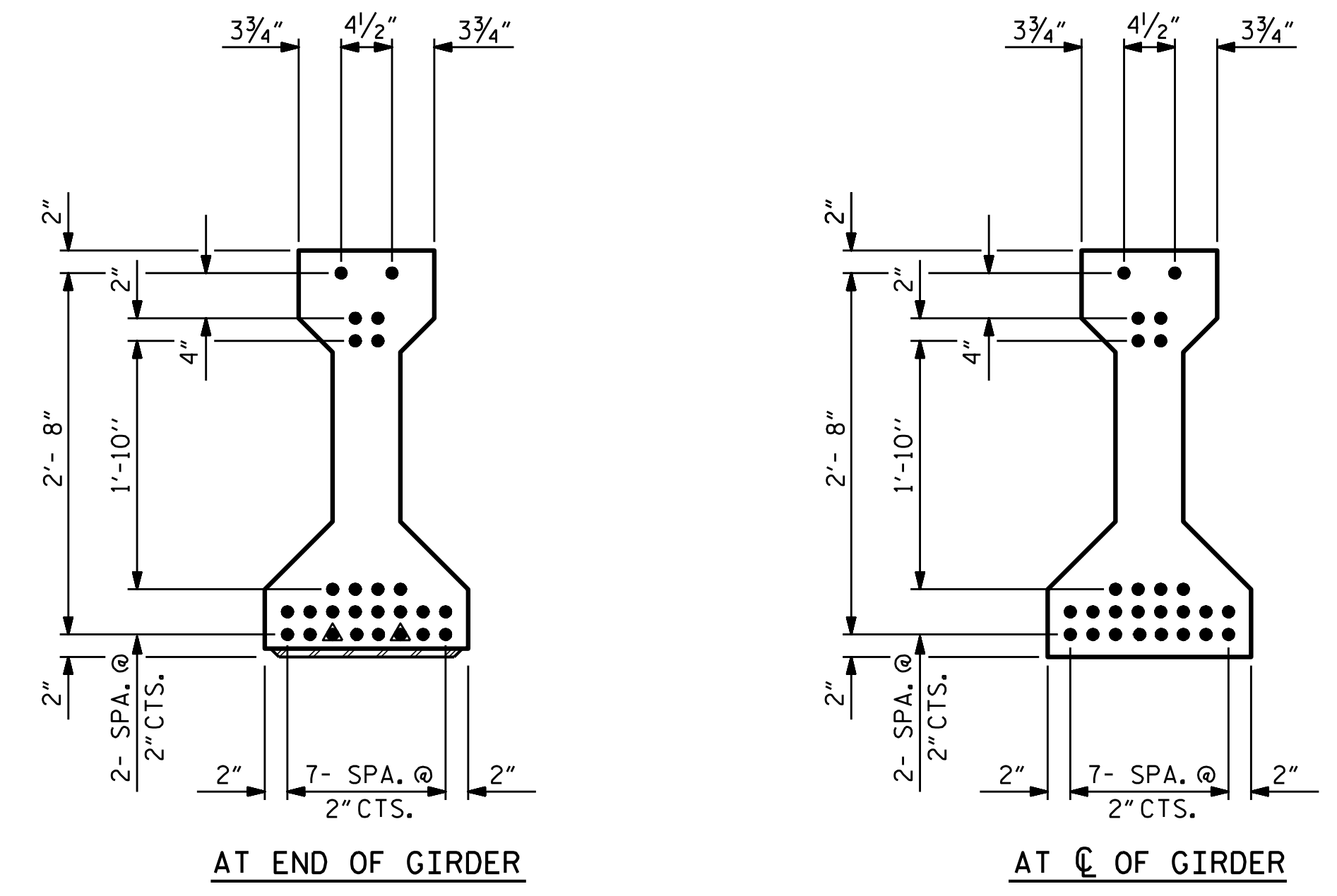


SECTION A-A

SECTION B-B

SECTION C-C

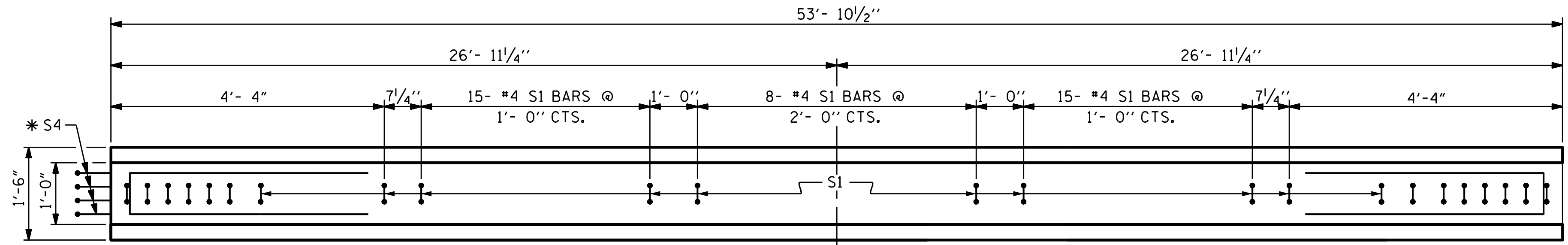
(S1 BARS NOT SHOWN)



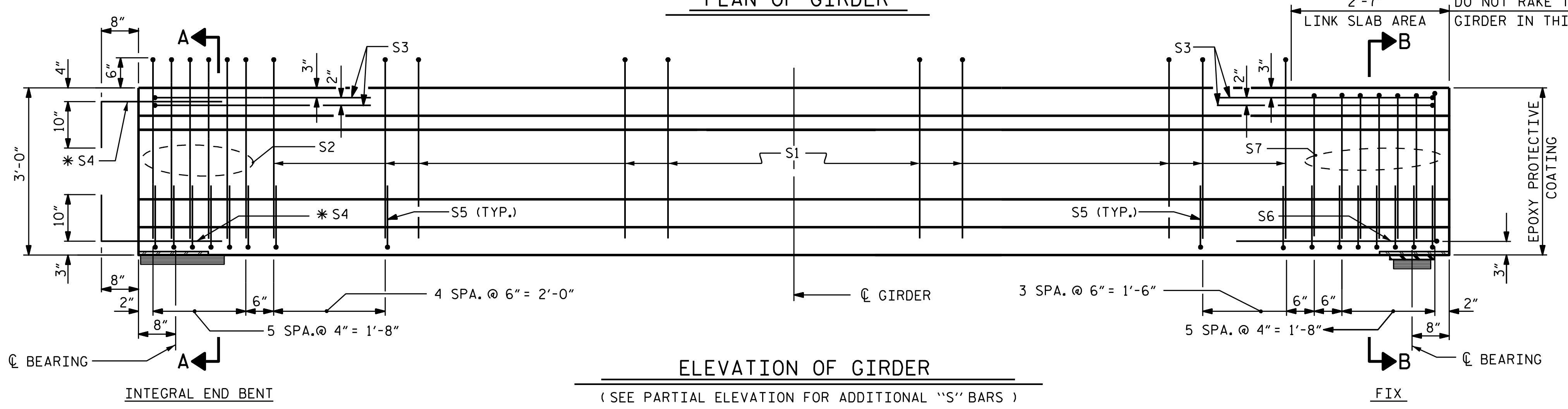
0.6" Ø LOW RELAXATION STRAND LAYOUT

DEBONDING LEGEND

▲ STRANDS DEBONDED FOR 12'- 0" FROM END OF GIRDER

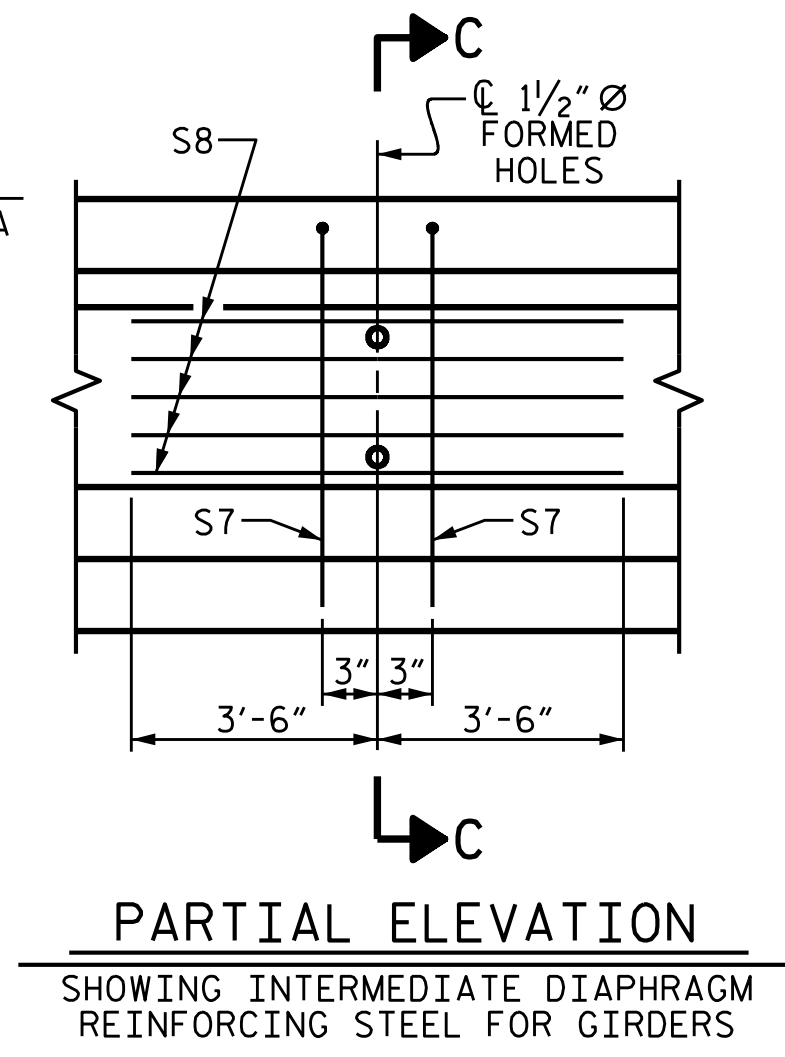


PLAN OF GIRDER



ELEVATION OF GIRDER

(SEE PARTIAL ELEVATION FOR ADDITIONAL "S" BARS)



PARTIAL ELEVATION

SHOWING INTERMEDIATE DIAPHRAGM REINFORCING STEEL FOR GIRDERS

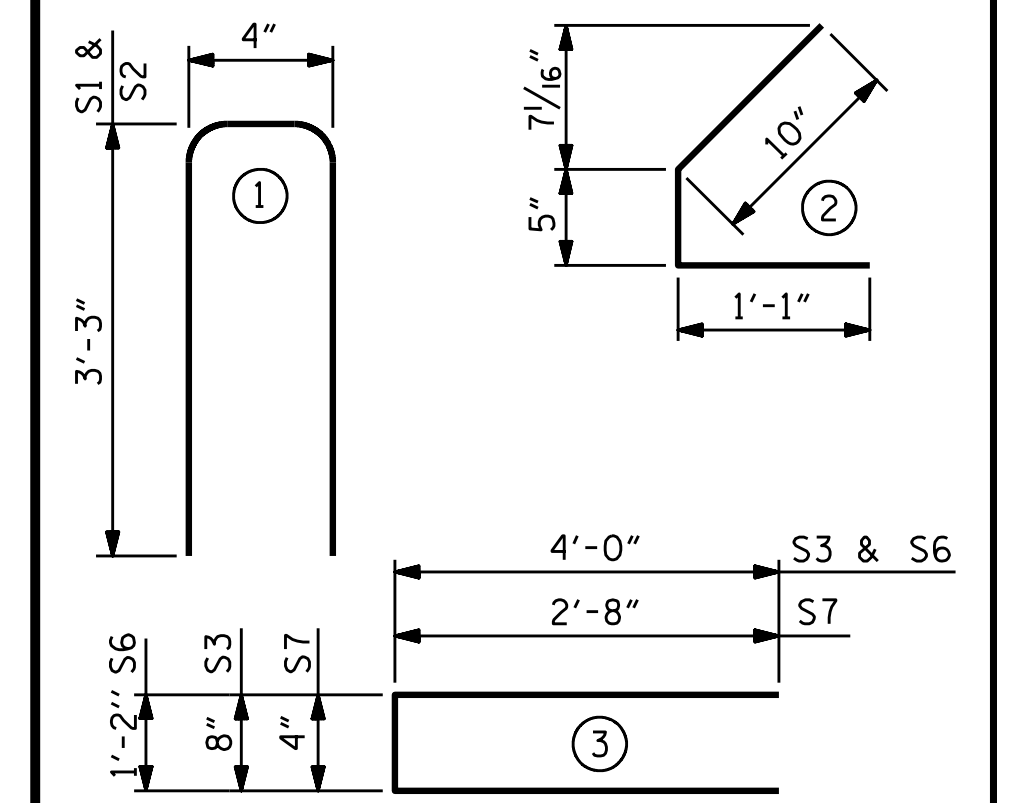
0.6" Ø L. R. GRADE 270 STRANDS		
AREA (SQUARE INCHES)	ULTIMATE STRENGTH (LBS. PER STRAND)	APPLIED PRESTRESS (LBS. PER STRAND)
0.217	58,600	43,950

REINFORCING STEEL FOR ONE GIRDER					
BAR	NUMBER	SIZE	TYPE	LENGTH	WEIGHT
S1	46	#4	1	6'-10"	210
S2	6	#5	1	6'-10"	43
S3	4	#4	3	8'-8"	23
*S4	6	#5	STR	3'-8"	23
S5	44	#4	2	2'-4"	69
S6	1	#4	3	9'-2"	6
S7	9	#5	3	5'-8"	53
S8	5	#4	STR	7'-0"	23

\* NOTE: S4 BARS SHALL BE BENT BEFORE SHIPMENT. HEAT BENDING SHALL NOT BE ALLOWED.

BAR TYPES

ALL BAR DIMENSIONS ARE OUT-TO-OUT



QUANTITIES FOR ONE GIRDER

REINFORCING STEEL	7500 PSI CONCRETE	0.6" Ø L. R. STRANDS
LBS.	C.Y.	No.
450	5.1	26

GIRDERS REQUIRED

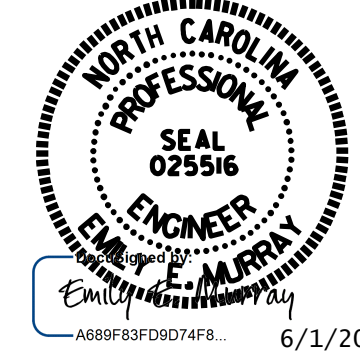
NUMBER	LENGTH	TOTAL LENGTH
4	53'- 10 1/2"	215'- 6"

PROJECT NO. B-4593  
PAMLICO COUNTY  
 STATION: 17+02.00 -L-

STATE OF NORTH CAROLINA  
 DEPARTMENT OF TRANSPORTATION  
 RALEIGH  
 STANDARD  
 AASHTO TYPE II  
 PRESTRESSED CONCRETE GIRDER  
 LINK SLAB  
 (SPAN A)

ASSEMBLED BY : D. A. GLADDEN	DATE : 11/18
CHECKED BY : D. R. SMITH	DATE : 11/18
DESIGN ENGINEER OF RECORD : D. R. SMITH	DATE : 11/18
DRAWN BY : ELR 8/91	REV. 10/1/11 MAA/GM
CHECKED BY : GRP 8/91	REV. 1/15 MAA/TMG
	REV. 12/17 MAA/THC

**VOLKERT**  
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 NC License No. F-0765



DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

REVISIONS						SHEET NO. S-15
NO.	BY:	DATE:	NO.	BY:	DATE:	
1			3			TOTAL SHEETS 42
2			4			