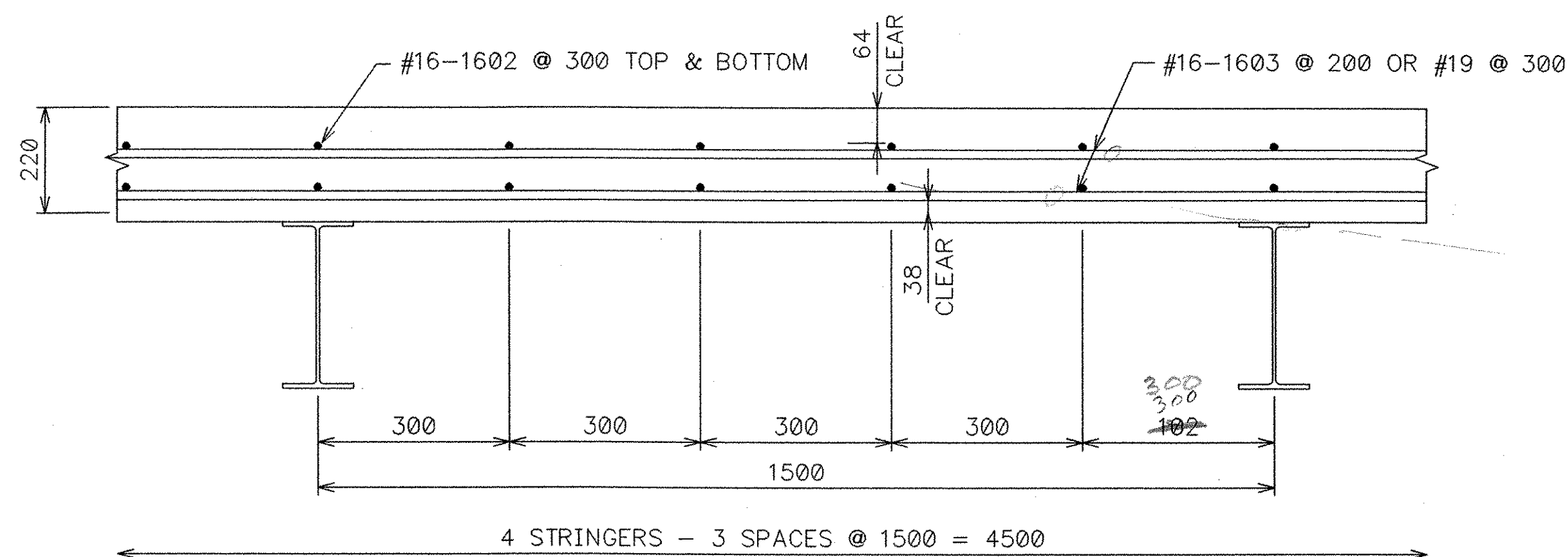
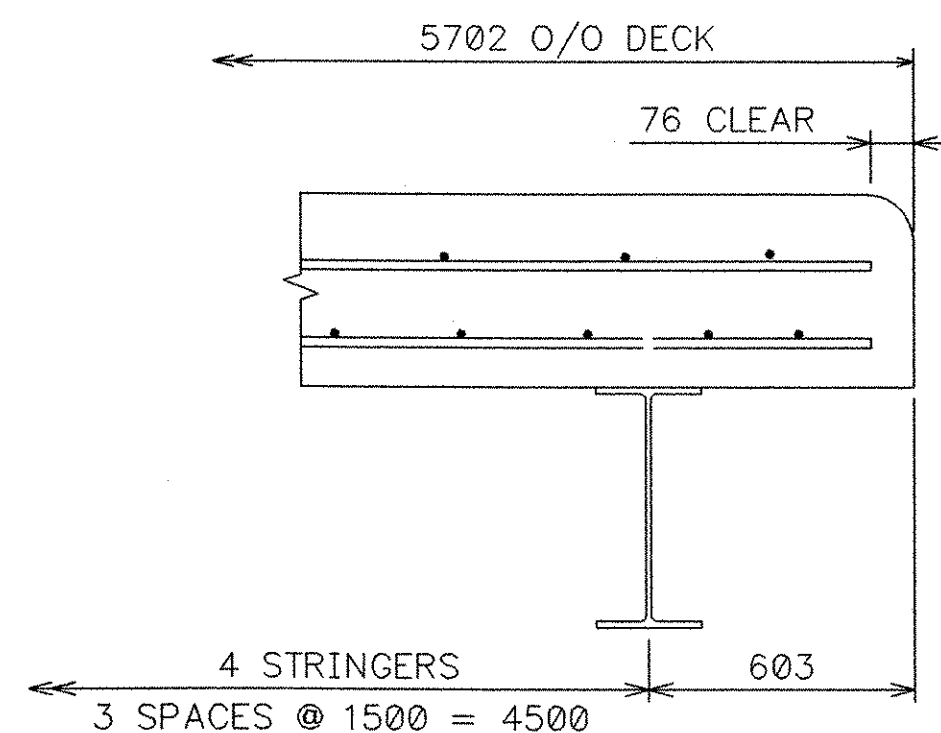




REBAR SPACING FOR CONCRETE DECK BETWEEN STRINGERS
REBAR GRADE 60



REBAR SPACING FOR CONCRETE DECK
AT THE OUTSIDE STRINGERS
REBAR GRADE 60

DECK FORMS NOT INCLUDED IN DESIGN SINCE THE
CONTRACTOR WILL FORM DECK WITHOUT DECK EDGE FORMS

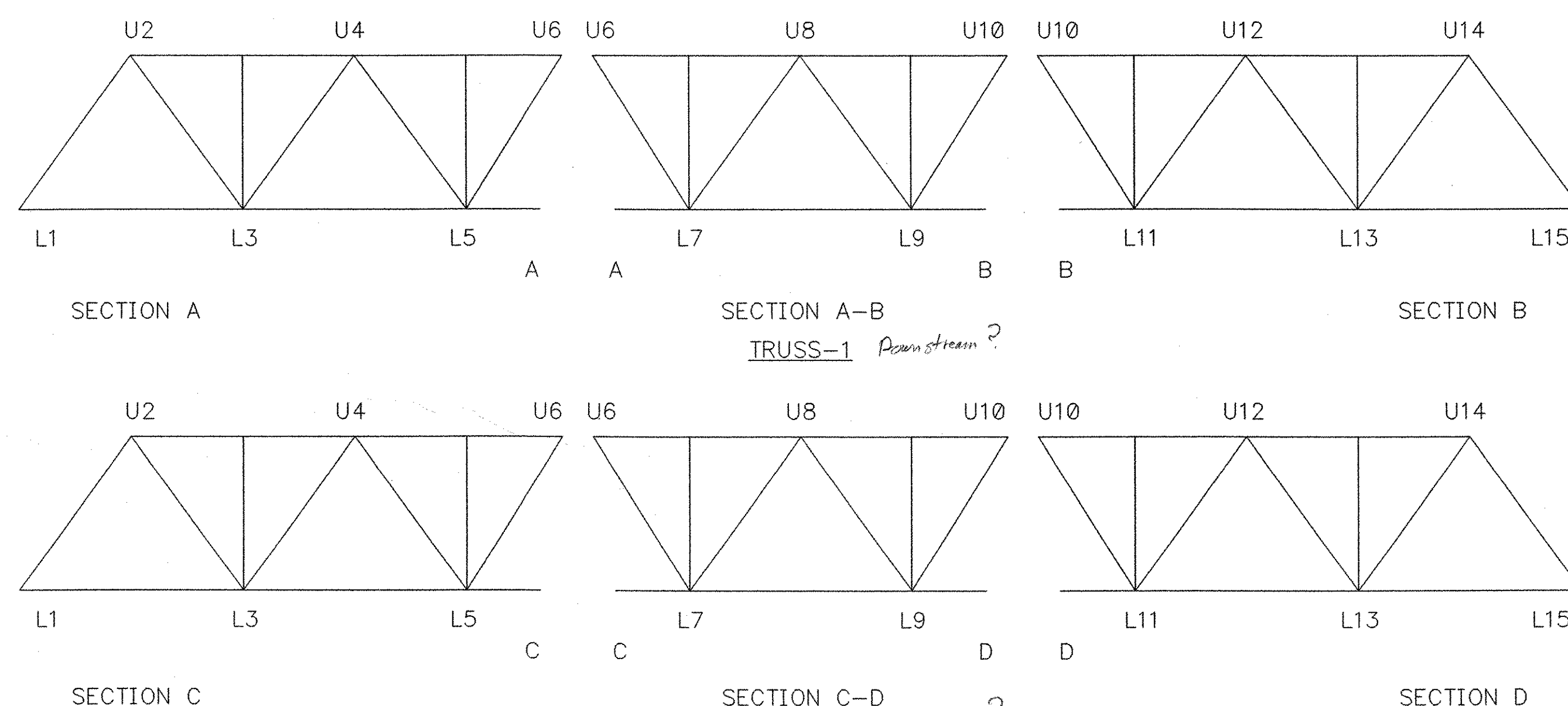
REBAR BY OTHERS

BOLT CHART		BOLT TYPE-22 Ø A325 TYPE 1 GALVANIZED				
LOCATION		57mm 2 1/4"	64mm 2 1/2"	70mm	76mm	83mm 3 1/4"
STRINGER TO SEAT ANGLE	16	160				
STRINGER TO CONNECTION ANGLE	32	264				
U6, U10 GUSSET PLATES	96	368				
L5-L7, L9-L11 SPLICE CONNECTION				272		
FLOOR BEAM END PLATE						224
TRUSS TO BRGS						16
TOTAL REQ'D	144	792		272	240	
TOTAL ORDERED	154	832		286	252	

STRINGER TOP STEEL ELEVATIONS

STRG	POINT	ELEVATION	STRG	POINT	ELEVATION	LOCATION
A & D	1	220.522	B & C	1	220.552	Q BRG 10+43.70
	2	.489		2	.519	
	3	.459		3	.489	MID POINT
	4	.432		4	.462	
	5	.407		5	.437	FB #2
	6	.385		6	.415	
	7	.366		7	.396	MID POINT
	8	.349		8	.379	
	9	.336		9	.366	FB #3
	10	.324		10	.354	
	11	.309		11	.339	MID POINT
	12	.290		12	.320	
	13	.266		13	.296	FB #4
	14	.239		14	.269	
	15	.208		15	.238	MID POINT
	16	.172		16	.202	
	17	.132		17	.162	FB #5
	18	.088		18	.118	
	19	.041		19	.071	MID POINT
	20	219.989		20	.019	
	21	.932		21	219.962	FB #6
	22	.872		22	.902	
	23	.808		23	.838	MID POINT
	24	.739		24	.769	
	25	.667		25	.697	FB #7
	26	219.590		26	219.620	
	27	.509		27	.539	MID POINT
	28	.424		28	.454	
	29	.335		29	.365	Q BRG 10+74.80

NOTE: STRINGER TOP STEEL ELEVATIONS
ARE SHOWN FOR BRIDGE UNDER FULL DEAD LOAD



TRUSS MARKING DIAGRAM

	FB #1 STA 10+43.70 Q BRG	MID POINT	FB #2 MID POINT	FB #3 MID POINT	FB #4 MID POINT	FB #5 MID POINT	FB #6 MID POINT	FB #7 MID POINT	FB #8 STA 10+74.80 Q BRG																				
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
	TRUSS																												
STRINGER																													
A																													
B																													
C																													
D																													
	TRUSS																												

PLAN - STRINGER TOP STEEL ELEVATIONS

ALL DIMENSIONS ARE IN MILLIMETERS

NO.	DATE	REVISIONS	BY
1	12/8/06	STEEL ELEVATIONS REVISED	JEC
2	12/8/06	REBAR SPACING REVISED	JEC
3	12/8/06	MATERIAL SCHEDULE REVISED	JEC

31.10M TRUSS BRIDGE 4.50M ROADWAY
BRIDGE NO. 45, TOWN OF CAVENDISH

WINDSOR COUNTY, VERMONT

DESIGN: AG	DRAWN: DMK	DATE: 09/08/06	DRAWING NO: Cavendish_Metric 102X14_FlatTruss.dwg	SHEET 2 OF 5
CHECK/DATE 10/05/06	FABRICATOR OHIO BRIDGE CORP.			

NOTE: DRAWINGS RELATIVE DO NOT SCALE