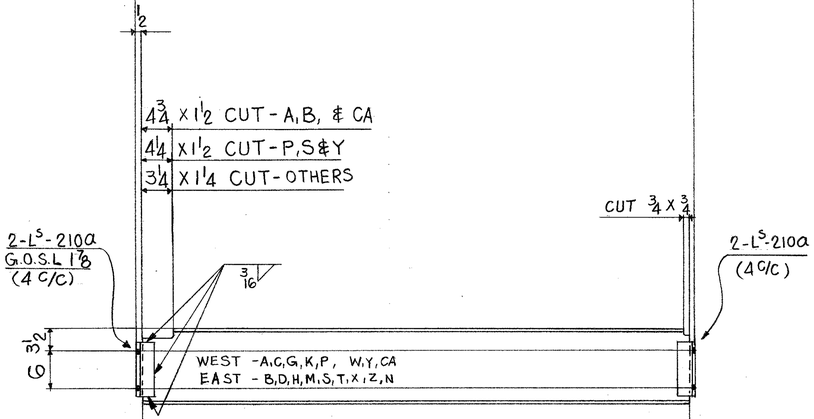
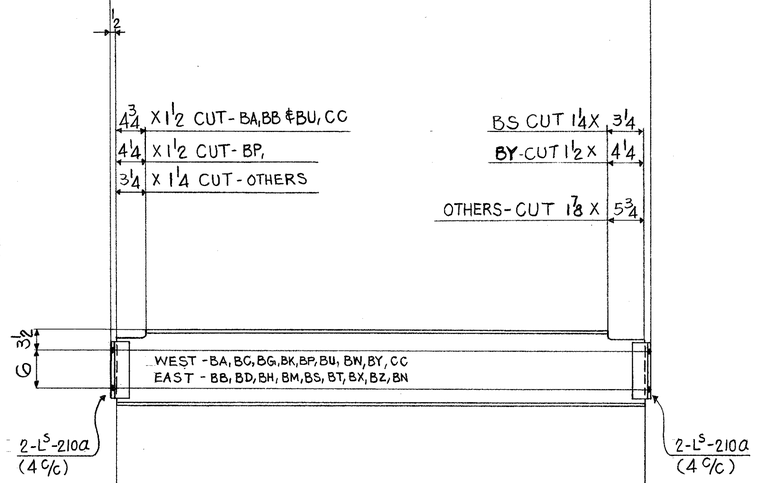
A & B	9'-0 7/16 %	-1/4(9'-8)-7/16
C & D	8'-6 1/2 %	-3/16(9'-2)-7/16
G & H	8'-6 1/4 %	-3/16(9'-1 3/4)-7/16
K & M	8'-6 13/16 %	-3/16(9'-2 1/4)-7/4
P	6'-3 %	-1/4(6'-10 1/2)-7/4
S	8'-4 15/16 %	-1/4(9'-0 1/2)-7 5/16
T	7'-4 1/16 %	-3/16(7'-11 1/2)-7/4
W	7'-5 5/16 %	-3/16(8'-0 3/4)-7/4
X	6'-5 1/16 %	-3/16(7'-0 1/2)-7/4
Y	8'-2 7/16 %	-1/4(8'-10)-7 5/16
Z	8'-1 9/16 %	-3/16(8'-9)-7/4
N	9'-11 9/16 %	-3/16(10'-7)-7/4
CA	3'-4 1/2 %	-1/4(4'-0)-7/4



A4305	ONE - W 12 1/8 X 4 X 1/4 @ 19	X 8'-11 1/2
B4305	ONE -	X 8'-11 1/2
C4305	2 -	X 8'-5 1/2
D4305	2 -	X 8'-5 1/2
G4305	ONE -	X 8'-5 1/4
H4305	ONE -	X 8'-5 1/4
K4305	ONE -	X 8'-5 3/4
M4305	ONE -	X 8'-5 3/4
P4305	ONE -	X 6'-2
S4305	ONE -	X 8'-4
T4305	ONE -	X 7'-3
W4305	ONE -	X 7'-4 1/4
X4305	ONE -	X 6'-4
Y4305	ONE -	X 8'-1 1/2
Z4305	ONE -	X 8'-0 1/2
N4305	ONE -	X 9'-10 1/2
CA4305	ONE	X 3'-3 1/2

A572GR50

BA & BB	9'-7 3/8 %	-1/4(9'-8)-3/8
BC & BD	9'-1 7/16 %	-3/16(9'-2)-3/8
BG & BH	9'-1 3/16 %	-3/16(9'-1 3/4)-3/8
BK & BM	9'-1 3/4 %	-3/16(9'-2 1/4)-5/16
BP	6'-9 15/16 %	-1/4(6'-10 1/2)-5/16
BS	8'-0 5/16 %	-3/16(8'-0 3/4)-1/4
BT	7'-11 %	-3/16(7'-11 1/2)-5/16
BU	9'-1 7/16 %	-1/4(9'-2)-5/16
BW	8'-0 1/4 %	-3/16(8'-0 3/4)-5/16
BX	7'-0 %	-3/16(7'-0 1/2)-5/16
BY	8'-8 9/16 %	-3/16(8'-9)-1/4
BZ	8'-8 1/2 %	-3/16(8'-9)-5/16
BN	10'-6 1/2 %	-3/16(10'-7)-5/16
CC	3'-11 7/16 %	-1/4(4'-0)-5/16



BA4305	ONE - W 12 1/8 X 19	X 9'-6 3/8
BB4305	ONE -	X 9'-6 3/8
BC4305	2 -	X 9'-0 1/2
BD4305	2 -	X 9'-0 1/2
BG4305	ONE -	X 9'-0 1/4
BH4305	ONE -	X 9'-0 1/4
BK4305	ONE -	X 9'-0 3/4
BM4305	ONE -	X 9'-0 3/4
BP4305	ONE -	X 6'-9
BS4305	2 -	X 7'-11 1/4
BT4305	ONE -	X 7'-10
BU4305	ONE -	X 9'-0 1/2
BW4305	ONE -	X 7'-11 1/4
BX4305	ONE -	X 6'-11
BY4305	ONE -	X 8'-7 1/2
BZ4305	ONE -	X 8'-7 1/2
BN4305	ONE -	X 10'-5 1/2
CC4305	ONE -	X 3'-10 1/2

A572GR50

SHOP NOTE:

MAT'L G40.21-44W U/N

USE E70 SERIES ELECTRODES

REF DWG. E46, 901, 9181

BILL OF MATERIAL

LINE	COOSTE	COMMX SHIP DIVN.	PIECE MARKS MAIN MAT'L.	PIECE MARKS DETAIL MAT'L.	NO. OF PIECES	MATERIAL DESCRIPTION WIDTH PL	WIDTH Inch	WIDTH 16th	X PLATE ONLY THK. Inch	THK. 16th	GRADE CODE	DSOR	FINISHED LENGTH Feet	FINISHED LENGTH Inch	FINISHED LENGTH 16th	PAGE	LINE	REMARKS
01					F019													
02				210A	76		L3X3X5/16				44W		0	8	8			
03					1		1F3/16						86	0	0			
04																		
05		4701	A4305		1		W12X19				A572GR50		8	11	8	184	13	
06		4701	B4305		1								8	11	8	184	13	
07		4708	C4305		1								8	5	8	184	9	
08		4712	C4305		1								8	5	8	184	9	
09		4708	D4305		1								8	5	8	184	9	
10		4715	D4305		1								8	5	8	184	9	
11		4713	G4305		1								8	5	4	184	9	
12		4713	H4305		1								8	5	4	184	9	
13		4713	K4305		1								8	5	12	184	9	
14		4713	M4305		1								8	5	12	184	9	
15		4716	P4305		1								6	2	0	184	6	
16		4716	S4305		1								8	4	0	184	5	
17		4713	T4305		1								7	3	0	184	10	
18																		
19		4701	W4305		1								7	4	4	184	10	
20		4701	X4305		1								6	4	0	184	12	
21		4701	Y4305		1								8	1	8	184	14	
22		4701	Z4305		1								8	0	8	184	14	
23		4715	N4305		1								9	10	8	184	5	
24		4715	CA4305		1								3	3	8	184	8	
25																		
26			TOTAL				TOTAL											1 OF 2
01					F021													
02																		
03				210A	84		L3X3X5/16				44W		0	8	8			
04					1		1F3/16						94	6	0			
05																		
06		4701	BA4305		1		W12X19				A572GR50		9	6	6	184	13	
07		4701	BB4305		1								9	6	6	184	13	
08		4708	BC4305		1								9	0	8	184	9	
09		4712	BC4305		1								9	0	8	184	9	
10		4708	BD4305		1								9	0	8	184	9	
11		4715	BD4305		1								9	0	8	184	9	
12		4713	BG4305		1								9	0	4	184	9	
13		4713	BH4305		1								9	0	4	184	9	
14		4713	BK4305		1								9	0	12	184	9	
15		4713	BM4305		1								9	0	12	184	9	
16		4716	BP4305		1								6	9	0	184	6	
17		4701	BS4305		2								7	11	4	184	10	
18		4713	BT4305		1								7	10	0	184	10	
19		4713	BU4305		1								9	0	8	184	9	
20		4701	BW4305		1								7	11	4	184	10	
21		4701	BX4305		1								6	11	0	184	12	
22		4701	BY4305		1								8	7	8	184	14	
23		4701	BZ4305		1								8	7	8	184	14	
24		4715	BN4305		1								10	5	8	184	5	
25		4715	CC4305		1								3	10	8	184	8	Jan 8/86
26			TOTAL		242		TOTAL						483					2 OF 2

REV.			
1	DATE	BY	
2	DATE	BY	
3	DATE	BY	

SPEC. G40.21-44W (U/N)
HOLES 15/16 Φ
FINISH NONE

FRANKEL STEEL LIMITED
220 ATTWELL DRIVE, UNIT 1, REXDALE, ONTARIO M9W 5B2

MADE 27	DATE	SQUAD
HSS	NOV.16.85	F.R.
CHK'D. 28 D.Z.	DATE DEC.18/85	

PROJECT: 7 WORLD TRADE CENTER, N.Y.
DETAIL: BEAMS (46TH FLOOR)

CONTRACT 84-153
DWG.No. 4305