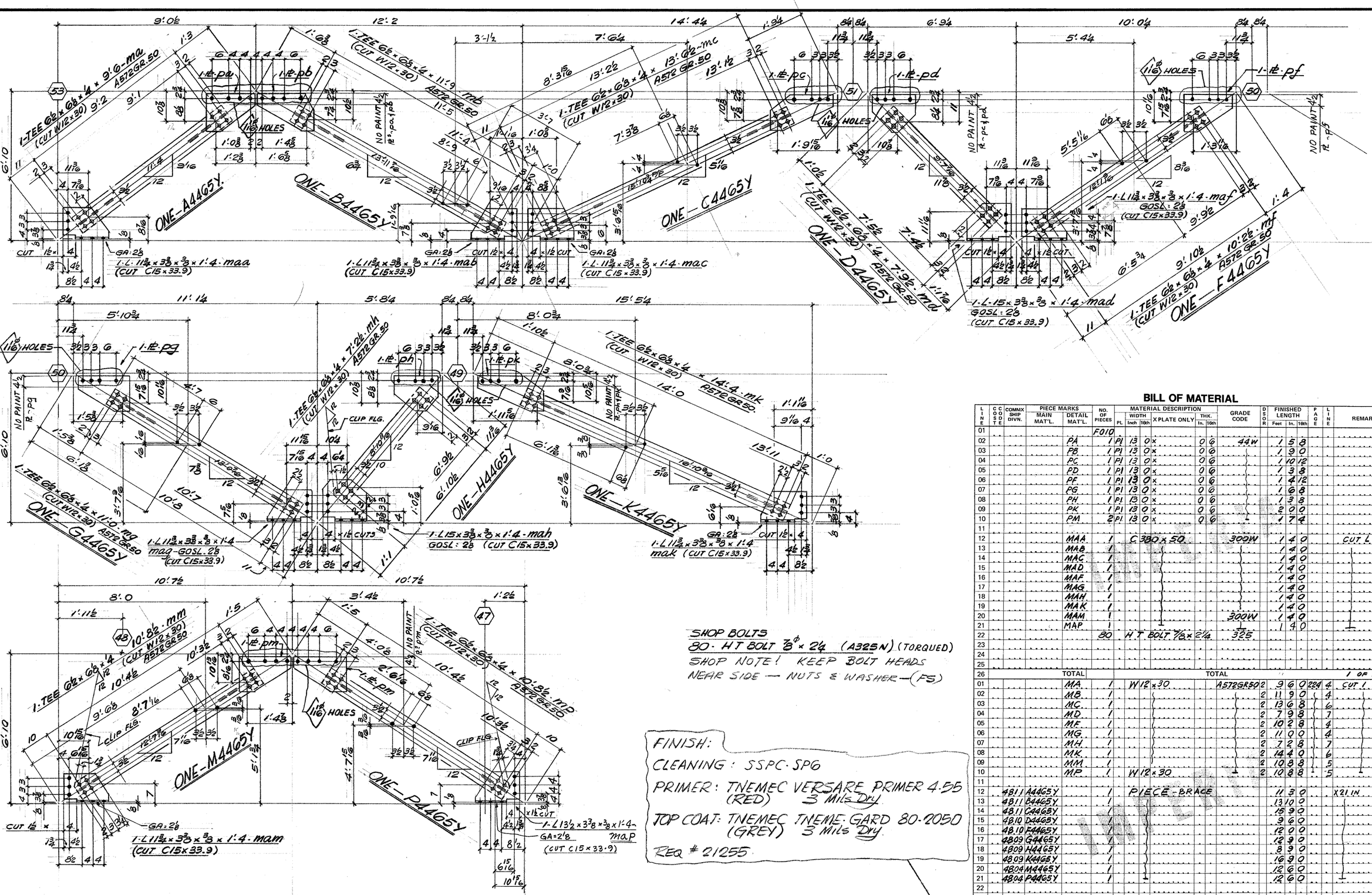


SHOP BOLTS
80-HT BOLT ⅞ϕ×2¼ (A325N) (TORQUED)
SHOP NOTE! KEEP BOLT HEADS NEAR SIDE — NUTS & WASHER — (FS)

FINISH:
CLEANING: SSPC-SP6
PRIMER: TNEMEC VERSARE PRIMER 4.55 (RED) 3 Mils Dry
TOP COAT: TNEMEC TNEME-GARD 80-2050 (GREY) 3 Mils Dry
REQ # 21255

MAT'L. G40.21.44W U.N.
REF. DIAG. E48.

BILL OF MATERIAL

LINE	C C O S T E	COMM'X SHIP DIVN.	PIECE MARKS MAIN MAT'L.	PIECE MARKS DETAIL MAT'L.	NO. OF PIECES	MATERIAL DESCRIPTION	GRADE CODE	D S O R	FINISHED LENGTH Feet	FINISHED LENGTH In.	FINISHED LENGTH 16th	PAGE	LINE	REMARKS
01					F010									
02				PA	1	PL 13 0 × 0 6	44W		1	5	8			
03				PB	1	PL 13 0 × 0 6			1	9	0			
04				PC	1	PL 13 0 × 0 6			1	10	12			
05				PD	1	PL 13 0 × 0 6			1	3	8			
06				PE	1	PL 13 0 × 0 6			1	4	12			
07				PG	1	PL 13 0 × 0 6			1	6	8			
08				PH	1	PL 13 0 × 0 6			1	3	8			
09				PK	1	PL 13 0 × 0 6			2	0	0			
10				PM	2	PL 13 0 × 0 6			1	7	4			
11														
12				MAA	1	C 380×50	300W		1	4	0			CUT L
13				MAB	1				1	4	0			
14				MAC	1				1	4	0			
15				MAD	1				1	4	0			
16				MAF	1				1	4	0			
17				MAG	1				1	4	0			
18				MAH	1				1	4	0			
19				MAK	1				1	4	0			
20				MAM	1		300W		1	4	0			
21				MAP	1				1	4	0			
22					80	HT BOLT ⅞×2¼	325							
23														
24														
25														
26			TOTAL			TOTAL								1 OF 2
01				MA	1	W12×30	A572GR50	2	9	6	0	224	4	CUT L TEE
02				MB	1			2	11	9	0		4	
03				MC	1			2	13	6	8		6	
04				MD	1			2	7	9	8		7	
05				ME	1			2	10	2	8		4	
06				MG	1			2	11	0	0		4	
07				MH	1			2	7	2	8		7	
08				MK	1			2	14	4	0		6	
09				MM	1			2	10	8	8		5	
10				MP	1	W12×30		2	10	8	8		5	
11														
12			481	A4465Y	1	PIECE-BRACE			11	3	0			X21 IN
13			481	B4465Y	1				13	10	0			
14			481	C4465Y	1				15	9	0			
15			481	D4465Y	1				9	6	0			
16			481	F4465Y	1				12	0	0			
17			4809	G4465Y	1				12	9	0			
18			4809	H4465Y	1				8	9	0			
19			481	K4465Y	1				16	9	0			
20			4804	M4465Y	1				12	6	0			
21			4804	P4465Y	1				12	6	0			
22														
23														
24														
25														
26			TOTAL		130	TOTAL			242					MAR 20/86

REV.			
1	DATE	BY	
2	DATE	BY	
3	DATE	BY	

SPEC. AS NOTED
HOLES 15/16ϕ U.N.
FINISH SEE NOTES

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

MADE		DATE	SQUAD
27	GP	DEC '85	F.R.
CHK'D. 28	D.Z.	DATE Mar 20/86	

PROJECT: 7 WTC COOLING TOWER
DETAIL: HORIZ. BRACING (ROOF)
CONTRACT 84-153
DWG.No. 4465