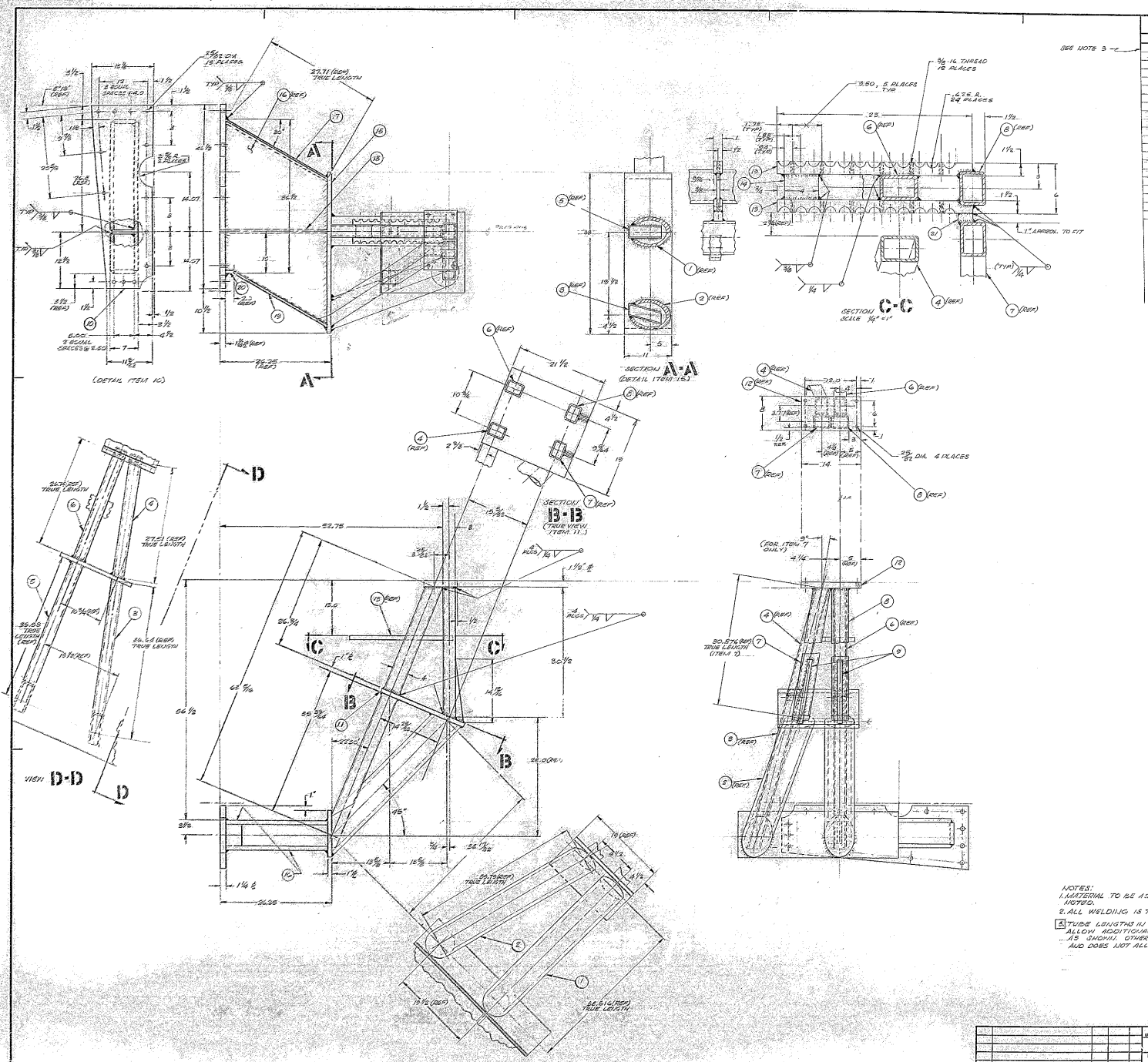

BILL OF MATERIAL

ITEM	QTY.	MATERIAL	DESCRIPTION	WEIGHT
-1	1	STEEL	7" O.D. x 5/8" WALL x 58 3/8" LG. ROUND MECH. TUBING	161
-2	1	STEEL	7" O.D. x 5/8" WALL x 25 3/8" LG. ROUND MECH. TUBING	66
-3	1	STEEL	3" x 4" x 5/16" WALL x 36 1/8" STRUCTURAL STL. TUBING	39 3/4
-4	1	STEEL	3" x 4" x 5/16" WALL x 27 3/16" STRUCTURAL STL. TUBING	29 1/2
-5	1	STEEL	3" x 4" x 5/16" WALL x 35 5/16" STRUCTURAL STL. TUBING	38 7/16
-6	1	STEEL	3" x 4" x 5/16" WALL x 24 3/4" STRUCTURAL STL. TUBING	26 7/8
-7	1	STEEL	3" x 4" x 5/16" WALL x 30 1/2" STRUCTURAL STL. TUBING	33 1/8
-8	1	STEEL	3" x 4" x 5/16" WALL x 30 1/2" STRUCTURAL STL. TUBING	33 1/8
-9	2	STEEL	1" Ø x 14 7/8 x 1 1/8 (SEE DETAIL)	3
-10	1	STEEL	1 1/4" Ø x 18 1/8 x 45 1/2 (SEE DETAIL)	32.83
-11	1	STEEL	1" Ø x 21 1/2 x 19	11.6
-12	1	STEEL	1 1/2" Ø x 8 x 14	47 7/8
-13	2	STEEL	1" Ø x 1 1/2" x 25	8 5/8
-14	1	STEEL	3/8" Ø x 1 x 4	1 1/8
-15	1	STEEL	1" Ø x 9 3/8 x 11	11.83
-16	2	STEEL	1" Ø x 26 x 49 (SEE DETAIL)	34.72
-17	1	STEEL	1" Ø x 6 x 27 3/8	39.5
-18	1	STEEL	1" Ø x 5 x 26	34
-19	1	STEEL	1" Ø x 5 x 25 3/8	33 3/8
-20	1	STEEL	1 1/2" x 5 x 2	6 3/4
-21	1	STEEL	1" Ø x 3 3/4 x 1" (TO FIT)	1

NOTES:
1. MATERIAL TO BE A.S.T.M. A36 STEEL UNLESS OTHERWISE NOTED.
2. ALL WELDING IS TO CONFORM TO APPLICABLE A.W.S. CODE.
3. TUBE LENGTHS IN B/M ARE ℄ TO ℄ AND DO NOT ALLOW ADDITIONAL LENGTH FOR ANGULAR CUTS AS SHOWN. OTHER MATERIAL GIVEN IN ACTUAL SIZE ALSO AND DOES NOT ALLOW FOR BURNING OR CUTTING.

FOR ASSEMBLY SEE 2150.180 E102

TOLERANCES UNLESS OTHERWISE NOTED: DECIMAL DIMENSIONS ±0.005, ±0.010, ±0.030; FRACTIONAL DIMENSIONS UP TO 16" ± 1/64, OVER 16" ± 1/32; ANGLES ± 1/2°; BREAK SHARP EDGES; ALL SURFACES TO HAVE 125 FINISH UNLESS OTHERWISE NOTED.

WEIGHT: 14700 LB

KITT PEAK NATIONAL OBSERVATORY
OPERATED BY THE ASSOCIATION OF UNIVERSITIES FOR RESEARCH IN ASTRONOMY, INC. UNDER CONTRACT WITH NATIONAL SCIENCE FOUNDATION

180" STELLAR TELESCOPE

NAME: SUPPORT BASE
P.A. CABLE WRAP-UP SUPPORT ASSY

SCALE: 1/8 = 1'-0"
PRINT SERIES

DRAWN BY: [illegible] 8-11-70
CHECKED BY: [illegible] 8-11-70
APPROVED BY: [illegible] 8-11-70
APPROVED BY: [illegible] 8-11-70
DRAWING NUMBER: 2150.180-E103
REV.

LET. | REVISION | ECN | DATE | BY