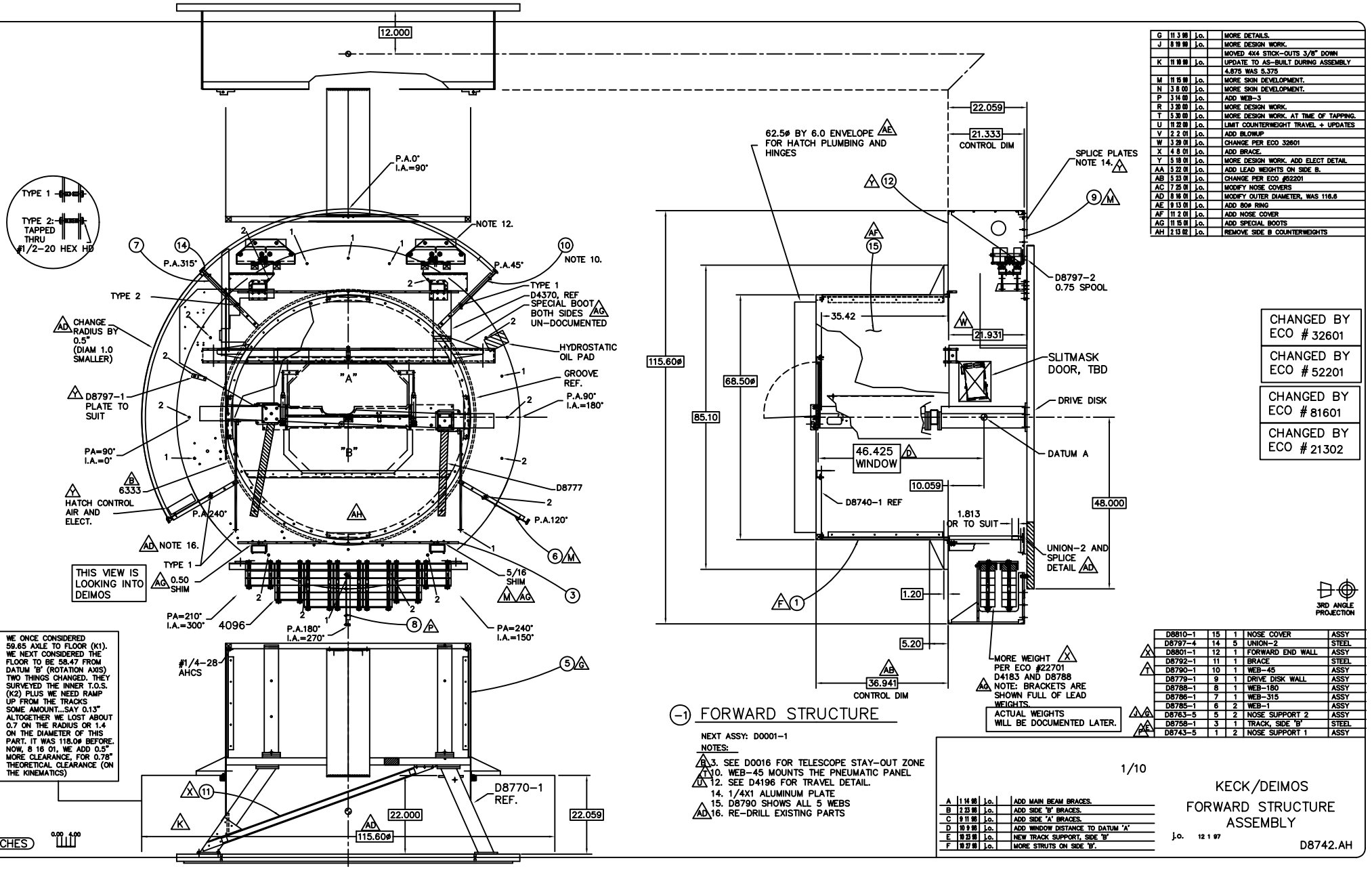

G	11 3 00	j.o.		MORE DETAILS.
J	8 19 99	j.o.		MORE DESIGN WORK.
				MOVED 4X4 STICK-OUTS 3/8" DOWN
K	11 10 00	j.o.		UPDATE TO AS-BUILT DURING ASSEMBLY
				4.875 WAS 5.375
M	11 15 00	j.o.		MORE SKIN DEVELOPMENT.
N	3 8 00	j.o.		MORE SKIN DEVELOPMENT.
P	3 14 00	j.o.		ADD WEB-3
R	3 20 00	j.o.		MORE DESIGN WORK.
T	5 30 00	j.o.		MORE DESIGN WORK. AT TIME OF TAPPING.
U	11 22 00	j.o.		LIMIT COUNTERWEIGHT TRAVEL + UPDATES
V	2 2 01	j.o.		ADD BLOWUP
W	3 29 01	j.o.		CHANGE PER ECO 32601
X	4 8 01	j.o.		ADD BRACE.
Y	5 18 01	j.o.		MORE DESIGN WORK. ADD ELECT DETAIL
AA	5 22 01	j.o.		ADD LEAD WEIGHTS ON SIDE B.
AB	5 23 01	j.o.		CHANGE PER ECO #52201
AC	7 25 01	j.o.		MODIFY NOSE COVERS
AD	8 16 01	j.o.		MODIFY OUTER DIAMETER, WAS 116.8
AE	9 13 01	j.o.		ADD 80# RING
AF	11 2 01	j.o.		ADD NOSE COVER
AG	11 15 01	j.o.		ADD SPECIAL BOOTS
AH	2 13 02	j.o.		REMOVE SIDE B COUNTERWEIGHTS

CHANGED BY ECO # 32601

CHANGED BY ECO # 52201

CHANGED BY ECO # 81601

CHANGED BY ECO # 21302

	D8810-1	15	1	NOSE COVER ASSY
	D8797-4	14	5	UNION-2 STEEL
X	D8801-1	12	1	FORWARD END WALL ASSY
T	D8792-1	11	1	BRACE STEEL
T	D8790-1	10	1	WEB-45 ASSY
	D8779-1	9	1	DRIVE DISK WALL ASSY
	D8788-1	8	1	WEB-180 ASSY
	D8786-1	7	1	WEB-315 ASSY
	D8785-1	6	2	WEB-1 ASSY
U AG	D8763-5	5	2	NOSE SUPPORT 2 ASSY
AE	D8758-1	3	1	TRACK, SIDE "B" STEEL
AE	D8743-5	1	2	NOSE SUPPORT 1 ASSY

(-1) FORWARD STRUCTURE

NEXT ASSY: D0001-1

NOTES:

AD 3. SEE D0016 FOR TELESCOPE STAY-OUT ZONE
T 10. WEB-45 MOUNTS THE PNEUMATIC PANEL
U 12. SEE D4196 FOR TRAVEL DETAIL.
14. 1/4X1 ALUMINUM PLATE
15. D8790 SHOWS ALL 5 WEBS
AD 16. RE-DRILL EXISTING PARTS

WE ONCE CONSIDERED 59.65 AXLE TO FLOOR (K1). WE NEXT CONSIDERED THE FLOOR TO BE 58.47 FROM DATUM 'B' (ROTATION AXIS) TWO THINGS CHANGED. THEY SURVEYED THE INNER T.O.S. (K2) PLUS WE NEED RAMP UP FROM THE TRACKS SOME AMOUNT...SAY 0.13" ALTOGETHER WE LOST ABOUT 0.7 ON THE RADIUS OR 1.4 ON THE DIAMETER OF THIS PART. IT WAS 118.0ø BEFORE. NOW, 8 16 01, WE ADD 0.5" MORE CLEARANCE, FOR 0.78" THEORETICAL CLEARANCE (ON THE KINEMATICS)

A	1 14 98	j.o.		ADD MAIN BEAM BRACES.
B	2 23 98	j.o.		ADD SIDE "B" BRACES.
C	9 11 98	j.o.		ADD SIDE "A" BRACES.
D	10 9 98	j.o.		ADD WINDOW DISTANCE TO DATUM "A"
E	10 23 98	j.o.		NEW TRACK SUPPORT, SIDE "B"
F	10 27 98	j.o.		MORE STRUTS ON SIDE "B".

1/10

KECK/DEIMOS
FORWARD STRUCTURE
ASSEMBLY

j.o. 12 1 97

D8742.AH