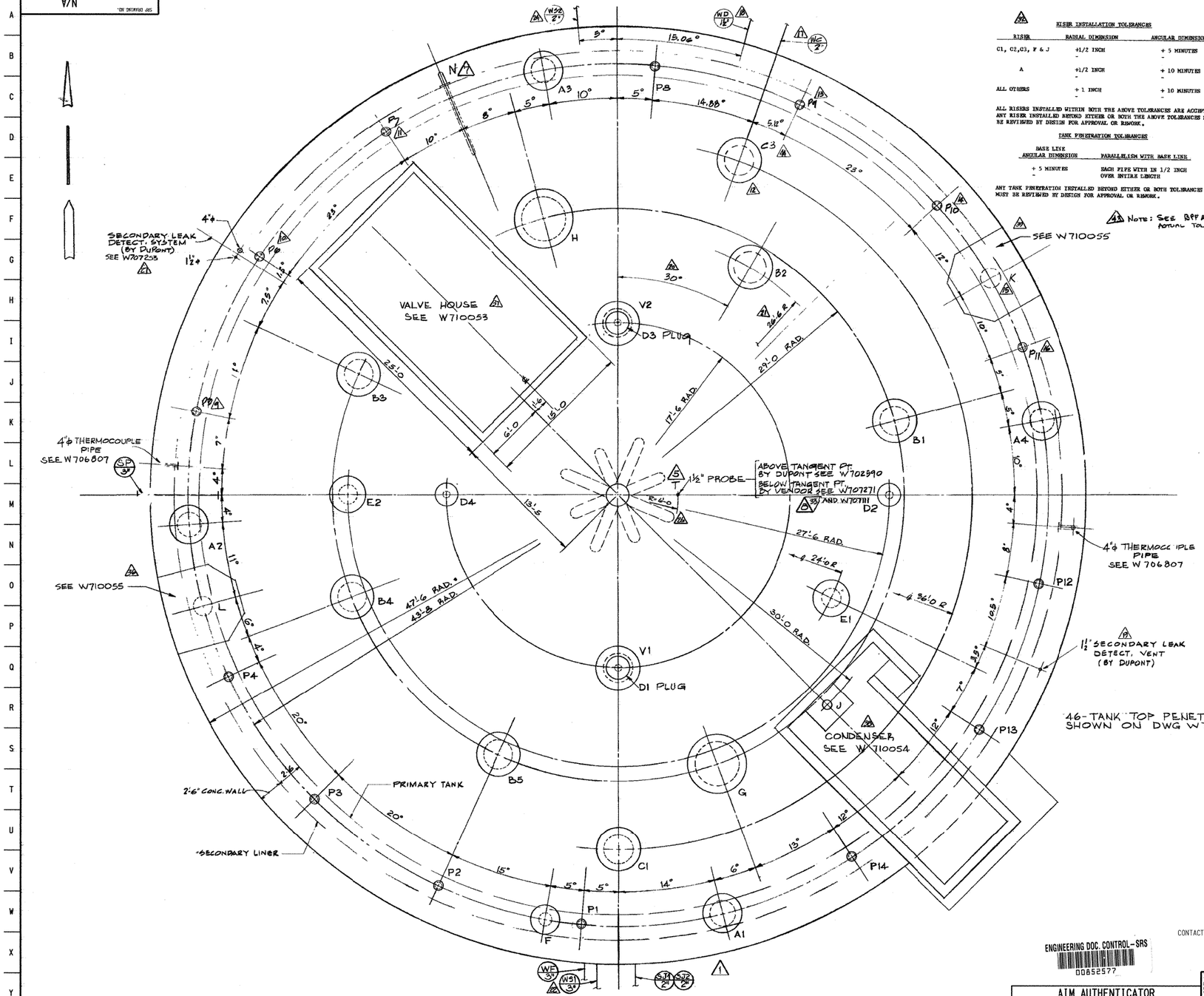

RISER INSTALLATION TOLERANCES

RISER	RADIAL DIMENSION	ANGULAR DIMENSION
C1, C2, C3, F & J	±1/2 INCH -	± 5 MINUTES -
A	±1/2 INCH -	± 10 MINUTES -
ALL OTHERS	± 1 INCH -	± 10 MINUTES -

ALL RISERS INSTALLED WITHIN BOTH THE ABOVE TOLERANCES ARE ACCEPTABLE. ANY RISER INSTALLED BEYOND EITHER OR BOTH THE ABOVE TOLERANCES MUST BE REVISED BY DESIGN FOR APPROVAL OR REWORK.

TANK PENETRATION TOLERANCES

BASE LINE ANGULAR DIMENSION	PARALLELISM WITH BASE LINE
± 5 MINUTES -	EACH PIPE WITH IN 1/2 INCH OVER ENTIRE LENGTH

ANY TANK PENETRATION INSTALLED BEYOND EITHER OR BOTH TOLERANCES MUST BE REVISED BY DESIGN FOR APPROVAL OR REWORK.

NOTE: SEE BPF A12 788 FOR ACTUAL TOLERANCES USED.

TANK PENETRATION SCHEDULE

DESIGNATION	SIZE JKT.	DWG REF.	REMARKS
WC 2"	12"	W706806	
WD 1½"	3"	W706806	
WE 3"	6"	W706807	
WG1 3"	6"	W706807	
SJ1 2"	6"	W706807	
SJ2 2"			
SP 3"	6"	W706806	
WH 2"	4"	W706806	

RISER SCHEDULE

TYPE	QUAN.	PLUG
A	4	W710520 W710522
B	5	W710522
C1	1	W710522
C3	1	W710521
D	1	W710522
D2	1	M-WF-H-09258
E1	1	W710519
E2	1	W710519
F	1	W710520
G	1	W710520
H	1	W710520
J	1	W710519
K	1	W707209
L	1	W707209
N	1	W706807
P	14	W707209
V	2	W710522
T	1	SEE PLAN

FOR RISER DETAILS SEE DWG W707209 AND W706807

NOTE:
SEE W707114 FOR GENERAL STEEL NOTES.
RISER C2 DESIGNATION CHANGED TO C3

NOTE "A"

At the centerline of Periscope Risers, P3, P6, P10 and P13, for full height and 2' - 0" wide, the exterior surface of the primary liner shall be treated as follows by Du Pont Construction:

Surface Preparation

APPLY PAINT AFTER CONCRETE TOP IS IN PLACE.

Clean all four stripes to meet surface preparation requirements of S.S.P.C. SP-6.

Apply one brush coat of Du Pont 67Y834 Dulux chromate-free primer at the rate of 3 mil wet, to obtain a 2 mil dry film thickness.

Allow a minimum drying time of 36 hour before applying the top-coat.

TOP COAT SHALL BE ONE BRUSH OR ROLLER COAT OF DARK BROWN PAINT (DUPONT COASTAL BEIGE TINTED W/ UNIVERSAL COLOR) METAL PROTECTIVE & MACHINERY ENAMEL. APPLY @ THE RATE OF 4 MIL WET TO OBTAIN A 2 MIL DRY FILM THICKNESS. TOTAL MIN. DRY FILM THICKNESS SHALL BE 4 MIL.

THIS DRAWING SUPERSEDES BID DWG SW700757. REVISIONS 1 THRU 8 SHOW DESIGN CHANGES MADE FROM BIDDING TO I.C.R. ISSUE OF THIS DRAWING.

THIS IS A SCANNED CADD PLOT

REVISION REQUIRES PROPER RASTER/VECTOR SOFTWARE.
CONTACT PD&CS ENGINEERING AUTOMATION GROUP FOR FURTHER INFORMATION.
DO NOT REVISE THIS PLOTTED COPY.

C CCH 08286 LATEST REVISION 48

ENGINEERING DOC. CONTROL-SRS
00852577

AIM AUTHENTICATOR
ENTERED BY: Nancy West DATE: 12/6/05

PROJ.	REV. NO.	DATE	REVISION	PRP'D	LEAD ENG	CHK'D	APRV'D	APRV'D	APRV'D
*	48	12/5/05	INCORPORATED M-OCP-H-05027 M-002 - ISSUED FOR AS-BUILT						

* - MT-HTF-2005-00036

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REFERENCE DRAWINGS

W707942	TANK 48 ARRG. PROCESS
W706806	LINER PLATE ATTACH. - SHT.1
W706807	LINER PLATE ATTACH. - SHT.2
W707271	CENTER COL CAP.
W702590	INSTRUMENT
W707114	GEN. ARRG. CONC & STEEL
W707209	LINER PLATE ATTACH. - SHT.3
W707253	LEAK DETECT SYSTEM
W707111	SECT. LINER
W710025	TK. 48 PENETRATIONS

REFERENCE STANDARDS

UNITED STATES DEPARTMENT OF ENERGY
SAVANNAH RIVER SITE

BLDG. NO. 241-51H | SITE CLEARANCE NO. N/A | DESIGN AREA NO. N/A | DESIGN GROUP PD&CS

TITLE
ADDITIONAL WASTE STORAGE TANKS

TOP SLAB PLAN & RISERS
TANK 48

SCALE NONE | SHP DRAWING NO. W706690 | SHEET NO. 1 OF 1 | LATEST REVISION 48

LAST CADD REV. BY: S.MCLEMORE DATE: 30NOV05
Scale shown on this drawing is only applicable when plotted at 30"x42" (actual drawing size)

W.S. REF FILES YES NO
LEVELS 1111111111222222222333333333444444444455555555556666 1234567890123456789012345678901234567890123456789012345678901234567890123
PSC PLOT DATE
DRAWN BY (ORIG) TIME

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