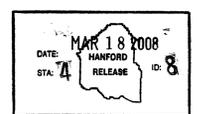


**TYPICAL TANK SECTION**  
SCALE: 3/8" = 1'-0"

**GENERAL NOTES**

1. TANK MATERIALS AND CONSTRUCTION TOLERANCES SHALL BE AS SPECIFIED IN HWS-8982.
2. THE CONCRETE DOME, FORMED AGAINST THE PRIMARY AND SECONDARY TANK IS DESIGNED AS A BODY OF REVOLUTION FORMED BY AN ELLIPSE WITH A MAJOR DIAMETER OF 80 FEET AND A MINOR DIAMETER OF 30 FEET. THE WORKING POINTS SHOWN ESTABLISH THE OUTSIDE OF PRIMARY TANK DOME AND THE INSIDE OF THE SECONDARY TANK.
3. THE PLATE THICKNESS SHALL BE DETERMINED BY TANK CONTRACTOR. PLATE THICKNESSES SHOWN ARE MINIMUM.
4. EXTERIOR CONSTRUCTION STIFFENERS ON SECONDARY TANK MAY REMAIN UP TO WIDTH AS SHOWN.
5. FINISHED ANNULUS SPACE SHALL BE VOID OF ALL CONSTRUCTION ATTACHMENTS.
6. DIMENSIONAL TOLERANCES SHALL BE AS FOLLOWS:  
FRACTIONAL: ±1/8"  
ANGULAR: ±0° 30'

2'-0" EQUALLY SPACED  
TOTAL PROGRESSIVE  
ERROR MUST BE  
LESS THAN ±1/4"



DATE	BY	DESCRIPTION
MAR 18 2008	SEE REV 0	CONVERSION ADDED NEW SHEET 2 PER ECN 725359 RO

U.S. DEPARTMENT OF ENERGY  
Office of River Protection

**TANKS 101 & 102 SECTION & DETAILS**  
241-AZ TANK FARM

SIZE: F	BLDG NO: 241AZ	INDEX NO: 0402	DWG NO: H-2-67317	REV: 2
SCALE: SHOWN	DATE: 16482	SHEET 1 OF 2		DOC: TL_FDWG (01-01)

DWG NO	TITLE	REFERENCES
H-2-67316	TK 101 & 102 PENETRATION DETAILS	
H-2-67315	TK 102 PLAN PENETRATIONS & SCHED	
H-2-67314	TK 101 PLAN PENETRATIONS & SCHED	

REV NO	DATE	DESCRIPTION	BY	CHK
2	1/08	MANUAL TO AUTOCAD CONVERSION ADDED NEW SHEET 2 PER ECN 725359 RO	C. W. G.	3/17/08

DWG NO: H-2-67317, SHEET 1 OF 2