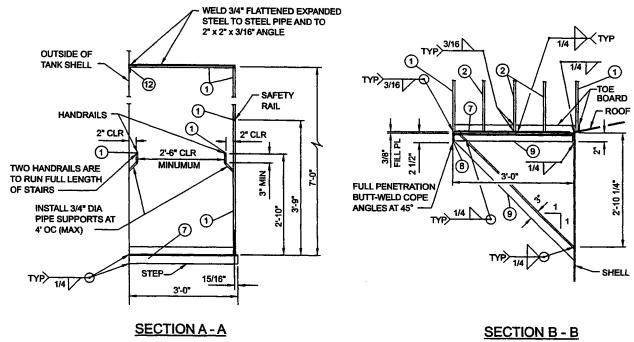


TANK - SPIRAL STAIRWAY (CONTINUED)



PLATFORM

MATERIAL LIST	
ITEM NO.	DESCRIPTION
1	1 1/2" STEEL PIPE, SCHEDULE 40, BLACK
2	1" STEEL PIPE, SCHEDULE 40, BLACK
3	3/4" STEEL RODS (FOR INTERIOR LADDER EXTENSION)
4	1 1/2" PIPE RAILING ELBOW, BLACK
5	1" 90° PIPE RAILING ELBOW, BLACK
6	3" HASP
7	3/16" STEEL DIAMOND TREAD PLATE
8	2 1/2" x 2" x 1/4" STEEL ANGLE
9	3" x 2" x 3/8" STEEL ANGLE
10	4" x 4" x 1/4" STEEL BUTT HINGE WITH NON-REMOVABLE BRASS PIN
11	3/4" FLATTENED, EXPANDED STEEL NO. 10 GA
12	2" x 2" x 3/16" STEEL ANGLE.

GENERAL NOTES:

- 1. USE SPIRAL STAIRWAY ONLY FOR TANKS 15 FEET IN HEIGHT OR GREATER.
- ALL RAILINGS, INCLUDING PLATFORM RAILINGS AND EXCEPTING STAIR RAILINGS SHALL HAVE A 4" x 1/4" STEEL TOE BOARD WELDED AT BOTTOM OF RAILINGS WITH A 1/4" GAP BELOW TOE BOARD.
- 3. FITTINGS FOR RAILINGS MAY BE EITHER MALLEABLE IRON BALL PATTERN OR ADJUSTABLE RAILING FITTINGS OR WELDING STEEL FITTINGS.
- 4. WELD 1/2" STEEL SHIM BETWEEN HINGE AND TANK SHELL.
- 5. IN AREAS OF PEDESTRIAN CONTACT, GRIND SMOOTH ALL SHARP CORNERS AND EDGES.
- THIS DESIGN IS FOR GUIDE ONLY. TANK CONTRACTOR MAY SUBMIT ALTERNATE DESIGN FOR APPROVAL.
- 7. WELD 2" x 1/6" STEEL STRIPS ON BOTH SIDES OF ALL EXPOSED JOINTS OF THE EXPANDED STEEL SHEETS.
- 8. OUTSIDE EDGE OF STEPS SHALL BE 1/2" LOWER THAN INSIDE EDGE OF STEPS TO FACILITATE DRAINAGE.
- INSTALL ALL ELECTRICAL CONDUITS ON TANK INSIDE STAIRWAY, ATTACH WITH BRACKETS WELDED TO TANK ALONG THE STEP.

LOS ANGELES COUNTY WATERWORKS DISTRICTS

DEPARTMENT OF PUBLIC WORKS

APPROVED

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ASSISTANT DEPUTY DIRECTOR

APRIL 2004

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