Figure 1 Top ACD

- **Tile Thickness**: 10 mm
- **Top Tile Overlap**: 10 mm
- **Tape Overlap**: 15 mm
- **Side Overlap**: 30 mm
- **Support Structure**: Core thickness 50.8 mm, 2 face sheets 0.508 mm
- **TKR Wall**: 300 mm
- **Scintillating Tape**: Tape thickness = 2 mm
- **Side Support**: Core thickness 25.4 mm, 2 face sheets 0.508 mm
- **Stay Clear Gap**: 25.8 mm
- **TKR Wall**: 300 mm
- **Scintillating Tape**: Tape thickness = 2 mm
- **PMT Fiber Bundle**: Gap 41.6 mm
- **Not to Scale**
Figure 2 Top Tiles

Not shown in this view, the tape as it continues from the top down the sides.

Scintillating tape_width = 10 mm

top_tile_gap = 3 mm

side support
core thickness 25.4 mm
2 face sheets 0.508 mm

Stay Clear Gap
25.8 mm

PMT fiber bundle gap 41.6 mm

tape_gap = 1 mm

2 mm gap

1670 mm
Side Tiles another view

Scintillating tape
width 10 mm
2 mm thick

ACD side support

851.0 mm

3.8° off vertical

tile_thickness = 10 mm

Figure 4
One more Side View

Figure 5