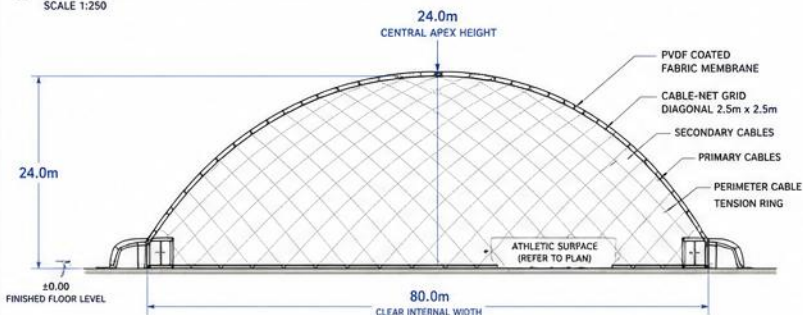
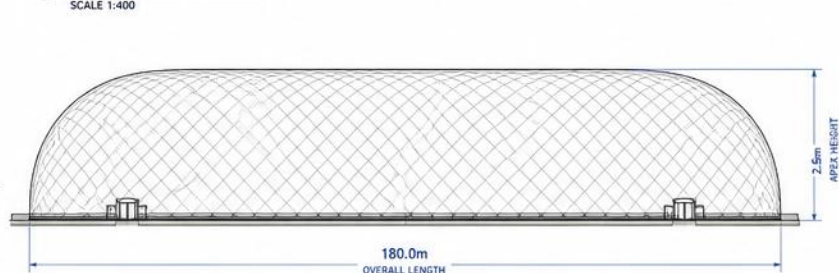


RECTANGULAR PLAN · CONTINUOUS BARREL-VAULT · EXTERNAL CABLE NET

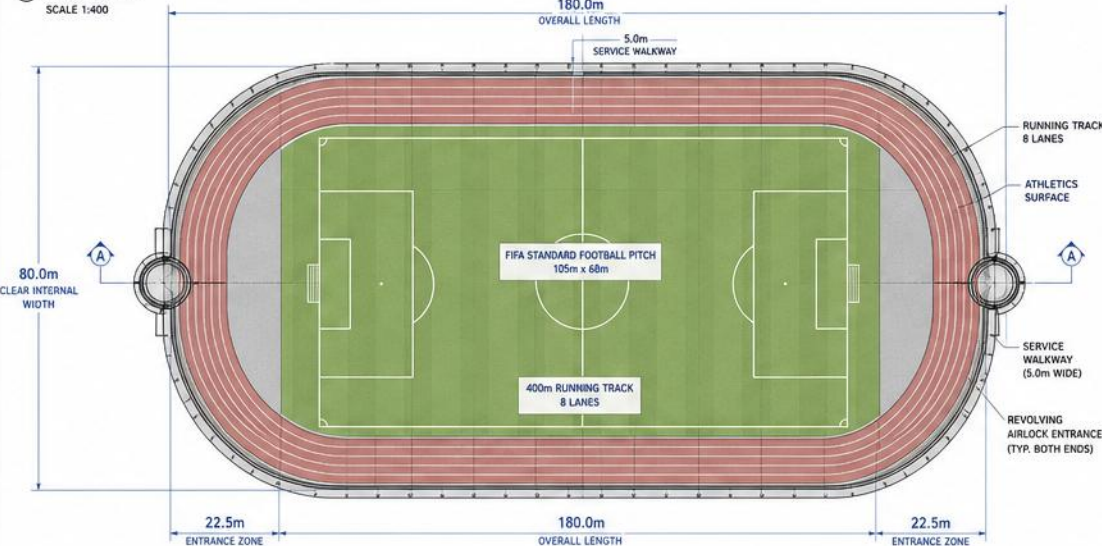
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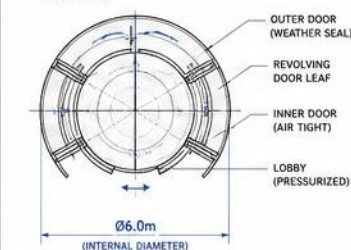
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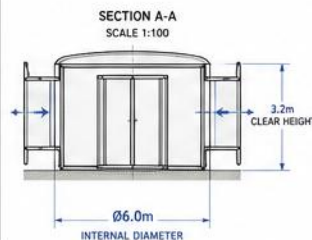
SCALE 1:400



SCALE 1:100



SCALENTS

SCALE 1:50

CABLE-NET SPECIFICATIONS	
GRID TYPE:	DIAGONAL (DIAMOND) PATTERN
GRID SPACING:	2.5m x 2.5m
PRIMARY CABLES:	Ø16mm GALVANIZED STEEL WIRE ROPE
SECONDARY CABLES:	Ø12mm GALVANIZED STEEL WIRE ROPE
TENSIONING:	PERIMETER TENSION RING WITH TURNBUCKLES
CORROSION PROTECTION:	HOT-DIP GALVANIZED

<p align="center">80m x 180m PNEUMATIC AIR DOME SPORTS & ATHLETIC COMPLEX</p>			
PROJECT NO.:	AD-80180	DRAWING NO.:	AD-80180-A1
DATE:	MAY 2025	SCALE:	AS SHOWN
DRAWN BY:	ENG. CAD	CHECKED BY:	STRUCT. ENG.
SHEET SIZE:	A1 (841 x 594)		
			REV.: A
			SHEET: 1 OF 1

CONCEPT SELECTION DRAWING ONLY. FINAL SPAN, LENGTH, HEIGHT, DOORS, LOADS, FOUNDATIONS AND PRESSURE SYSTEM REQUIRE PROJECT-SPECIFIC ENGINEERING.