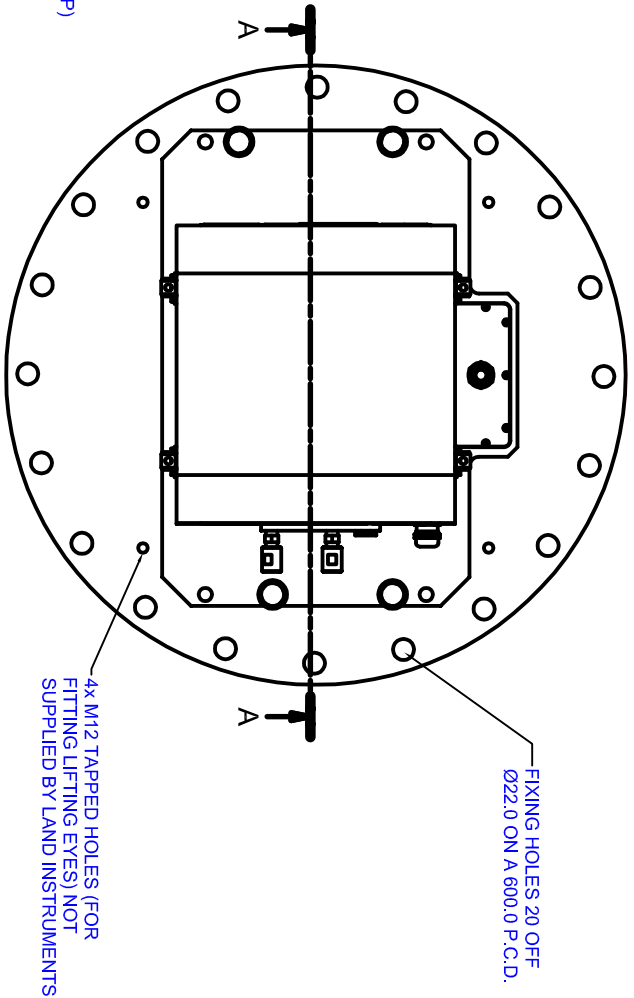
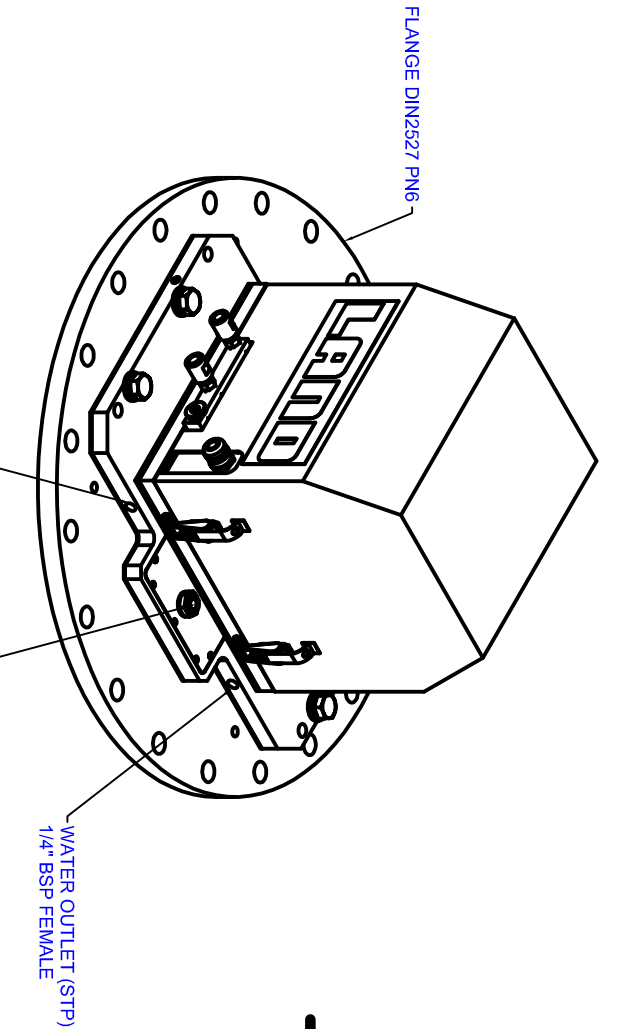
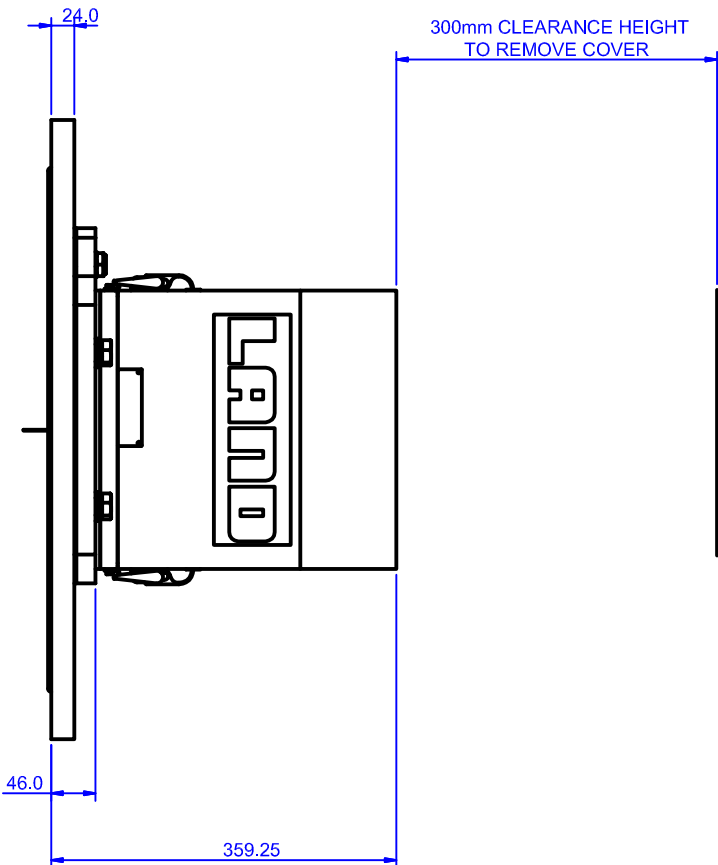
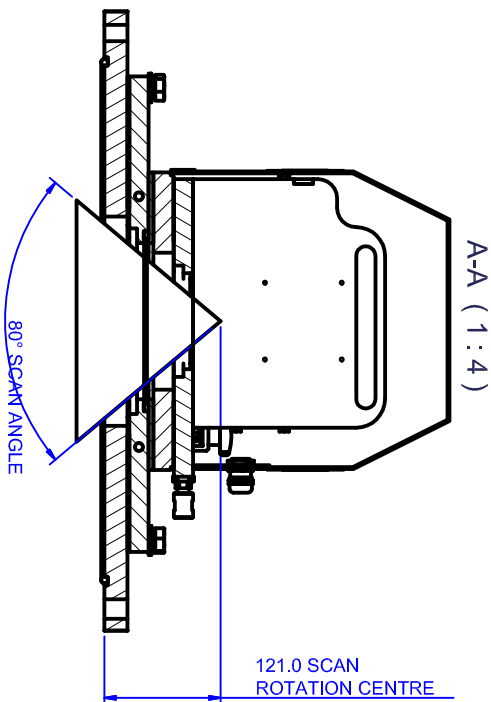
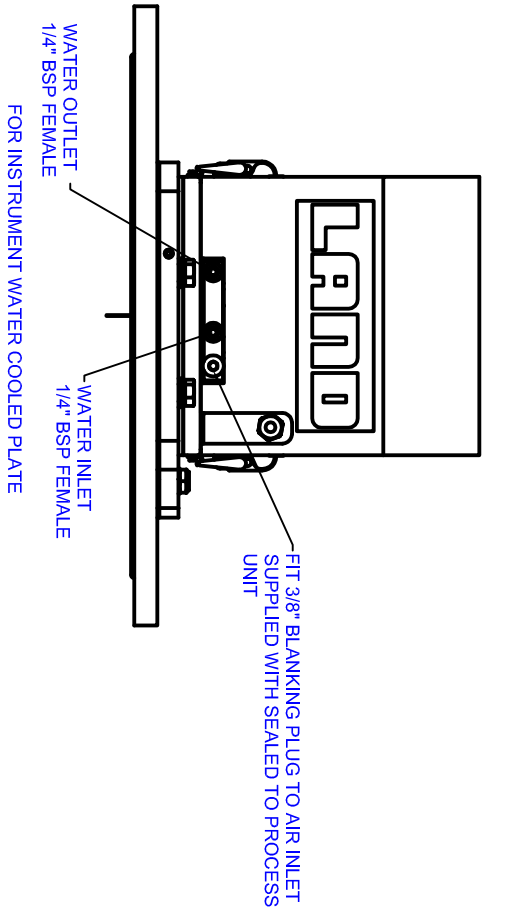
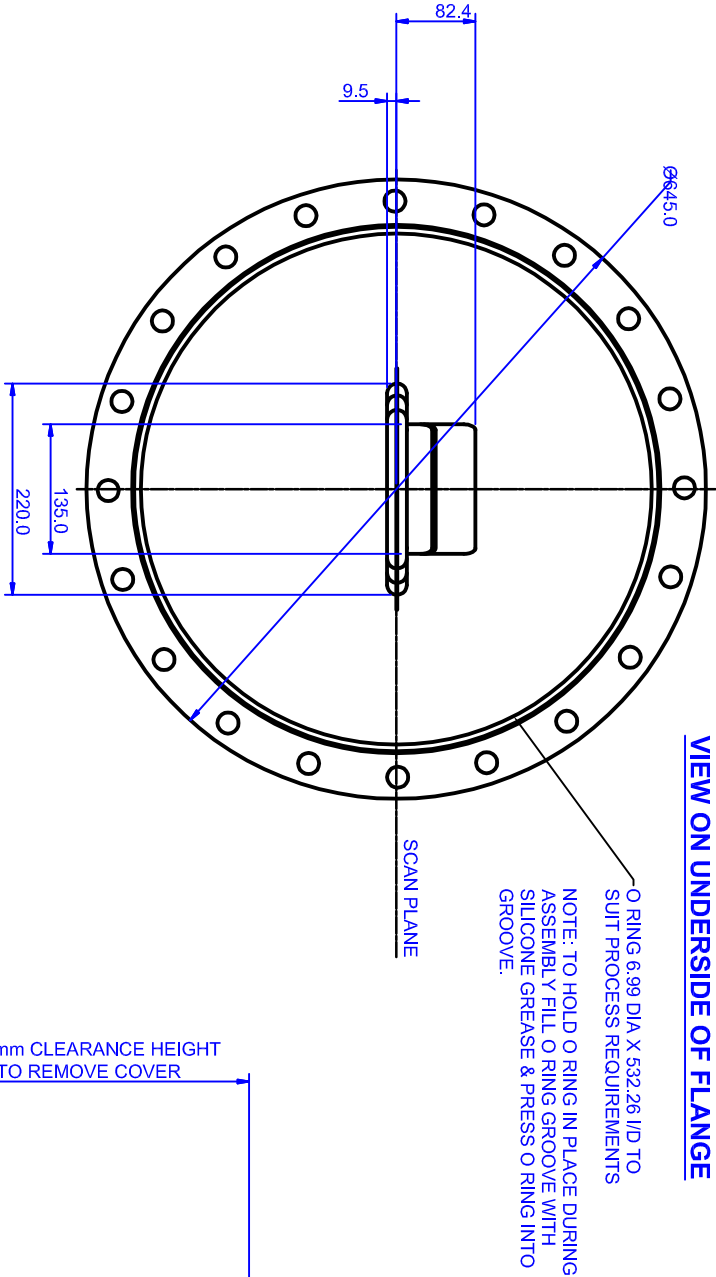


NOTES:

1. WEIGHT OF FLANGE ASSEMBLY (BEFORE FITTING LIGHT STEEL UNIT) IS **70kg** - TAKE CARE WHEN HANDLING.
 2. IF A COMMON WATER SUPPLY IS BEING USED TO COOL BOTH UNITS IT **MUST** FEED THROUGH THE LIGHT STEEL (TOP) UNIT BEFORE FEEDING THROUGH THE PURGE PLATE (BOTTOM) UNIT.
 3. TO CLEAN THE UNDERSIDE OF THE WINDOW THE LIGHT STEEL UNIT MUST BE REMOVED. THE M3 SCREWS HOLDING THE WINDOW PLATE MUST BE REMOVED. AT THIS STAGE CARE **MUST** BE TAKEN AS THE PROCESS GASES ARE OPEN TO THE ATMOSPHERE, AND A STRONG CHIMNEY EFFECT IS LIKELY.
 4. THE SEAL TO PROCESS WINDOW WILL REFLECT NOMINALLY 14% OF THE INCIDENT RADIANCE THEREFORE, THE SCANNER EMISSIVITY SHOULD BE SET TO 0.86 MULTIPLIED BY THE TARGET EMISSIVITY TO COMPENSATE FOR THE ADDITIONAL WINDOW.
- FOR EXAMPLE, A BLACK BODY CORRECTION WILL BE $0.86 \times 1 = 0.86$
FOR EXAMPLE, A PLATE OF OXIDISED STEEL WILL BE $0.86 \times 0.85 = 0.73$

VIEW ON UNDERSIDE OF FLANGE



WATER FLOW RATE FOR BOTTOM PLATE & SCANNER WATER COOLED PLATE

FLOW RATE 90-120 l/hour
MAX PRESSURE 6kg/cm²
MAX TEMPERATURE 30°C
MAX AMBIENT TEMPERATURE 80°C

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WATER INLET											
1/4" BSP FEMALE											
PURGE ENTRY TO PROCESS											
1/4" BSP FEMALE											
FLOW RATE 250-300 l/min											
1											
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