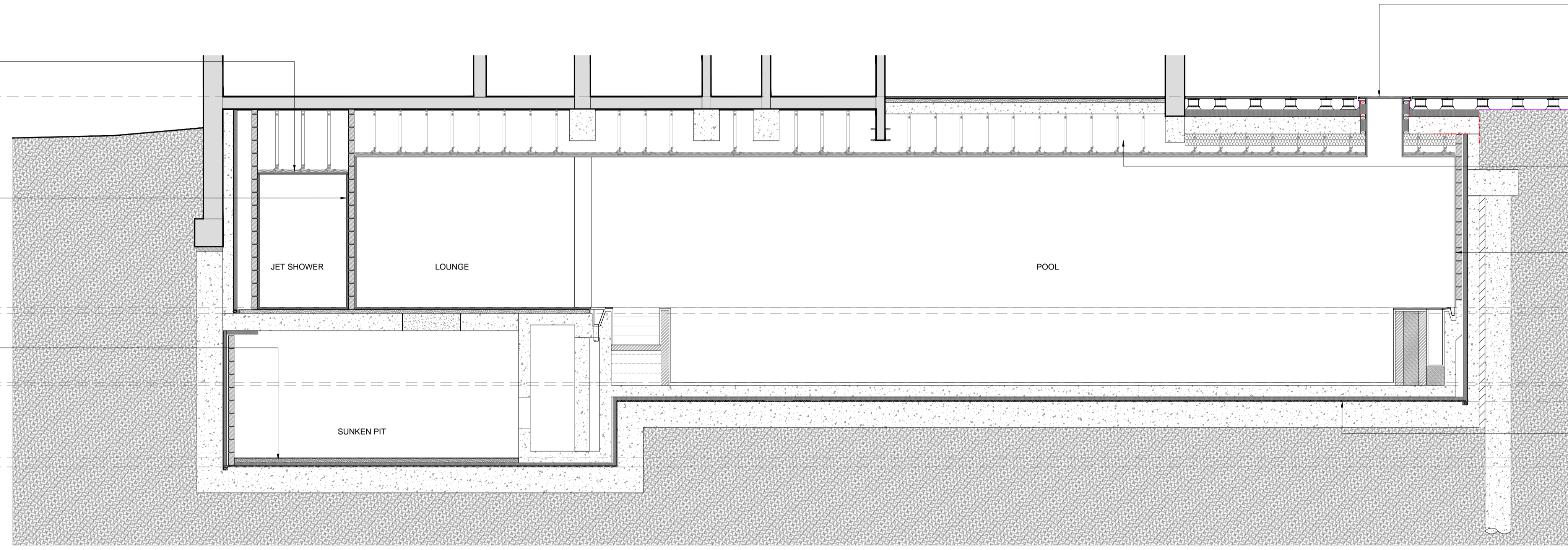Suspended Ceiling - Basement:
Service zone to suit M&E requirements (minimum 400mm void) provided by CasoLine MF ceiling system on acoustic hangers with 100mm Isover APR 1200 acoustic insulation laid over 1No. Layer 19mm Gyproc Plank Plasterboard and 1No. layer 15mm Gyproc SoundBloc Plasterboard. NOTE: All works to be in strict accordance with manufacturers written recommendations. Plasterboard to be taped and skimmed.

Partition (Blockwork):-
2No. Layers 12.5mm Gyproc Wallboard Plasterboard on 10mm dabs either side of 100mm blockwork as per Structural Engineer's specification. 'D12' shadow gap propriety channel by Qic Trims Ltd (or similar approved or equal approved) to be used throughout. Plasterboard to be taped and skimmed. NOTE: All works to be in strict accordance with manufacturer's written recommendations.

Basement floor to concrete slab (U Value 0.22W/m²/K):
Finished floor build up varies, refer to 5000 Series details for information. 65mm SR1 Screed on Vapour Control Layer on 60mm Celotex GA3060 insulation (or similar or equal approved) on 20mm Delta MS20 tanking membrane (or similar or equal approved) on 300mm reinforced concrete slab to Structural Engineers details and specification with perimeter drainage channel. Tanking works to be carried out by approved specialist. 30 years warranty certificate to be provided upon completion. Refer to M&E Specification for underfloor heating requirements. NOTE: All works to be in strict accordance with manufacturer's written recommendations.

▽ Ground FFL 88.34

JET SHOWER   LOUNGE

▽ Basement FFL 84.69
△ Basement SSL 84.58

▽ Pool Box FFL 83.39
▽ Pool Box SSL 83.34
△ Pool Base SSL 83.06

SUNKEN PIT

▽ Sunken Pit FFL 82.08
△ Sunken Pit SSL 81.93

POOL

External Rooflight - Basement:
Fixed external rooflight by Cantifix (or other approved sub-contractors) inserted within external stone paving slabs on Bauder adjustable pedestal support system, laid on Bauder single ply membrane and protection and fleece layer with 120mm of Bauder PIR insulation with thermal rating of 0.025W/mK. Vapour control layer on 300mm concrete slab as per Structural Engineer's specification. 2 layers of Knauf earthwool fitted to underside of slab with a minimum service zone of 150mm to suit MVHR system with MF ceiling system on acoustic hangs with 50mm Knauf Earthwool Acoustic roll laid on grid finished with 1 layer of Plank plasterboard and 1 layer of 15mm Gyproc Soundbloc plasterboard to be taped and skimmed. Review of reverberation to be carried out with pool installer and acoustician before installation. MVRH system to MEP Engineer's design and specification.

Suspended Ceiling - Basement:
Service zone to suit M&E requirements (minimum 400mm void) provided by CasoLine MF ceiling system on acoustic hangers with 100mm Isover APR 1200 acoustic insulation laid over 1No. Layer 19mm Gyproc Plank Plasterboard and 1No. Layer 15mm Gyproc SoundBloc Plasterboard. NOTE: All works to be in strict accordance with manufacturer's written recommendations. Plasterboard to be taped and skimmed.

Dry lining to Basement External Wall (U Value 0.28W/m²/K):
Delta MS500 wall tanking membrane or similar or equal approved with 60mm Celotex GA3060 insulation with 30mm air gap in front with independent 100mm blockwork. Blockwork density and head restraint/windpost requirements to Structural Engineer's detailed design and specification. Finishes vary. Allow for 30mm tile zone to Swimming Pool, Wet Room, Jet Shower, Sauna, WC and Shower/Steam Room. Allow for 2No. Layers 12.5mm Gyproc Wallboard Plasterboard on 10mm dabs with D12 shadow gap propriety channel by Qic Trims Ltd (or similar approved or equal approved) to Changing Room, Poolside Gallery, Treatment Room, Gym/Media Room and Stair Area. Allow for 15mm Render parge coat to walls within rooms housing Plant equipment. Plasterboard to be taped and skimmed. Waterproof/drainage details TBC by Specialist Subcontractor. 30 years warranty certificate to be provided upon completion. NOTE: All works to be in strict accordance with manufacturer's written recommendations.

Basement floor to concrete slab (U Value 0.22W/m²/K):
Finished floor build up varies, refer to 5000 Series details for information. 65mm SR1 Screed on Vapour Control Layer on 60mm Celotex GA3060 insulation (or similar or equal approved) on 20mm Delta MS20 tanking membrane (or similar or equal approved) on 300mm reinforced concrete slab to Structural Engineers details and specification with perimeter drainage channel. Tanking works to be carried out by approved specialist. 30 years warranty certificate to be provided upon completion. Refer to M&E Specification for underfloor heating requirements. NOTE: All works to be in strict accordance with manufacturer's written recommendations.