7. final drawings
NOTES

WALL CLADDING A
75x40mm STEEL LIPPED CHANNEL GUTS @ 600mm C/C
0.8mm BRONDBUILT ALUMINIUM PROFILE WITH STANDING SEAM FIXED TO LIPPED CHANNEL GUTS WITH SELF-TAPPING SCREWS

WALL CLADDING B
38x18mm TIMBER BATTENS FIXED TO STRUCTURE WITH SELF-TAPPING SCREWS @ 400mm C/C
5.5mm GYPSUM BOARD WELDED TO TIMBER BATTENS
12mm PLASTER TO GYPSUM BOARD WALL

WALL CLADDING C
35x51mm STEEL T-SECTION FRAME FOR CLADDING PAINTED BLACK WELDED TO STEEL STRUCTURE
50x50x3mm GLASS FIBRE REINFORCED POLYURETHANE WALL CLADDING POLISHED TO A HIGH GLOSS FINISH FIXED WITH BLACK SILICONE SEALANT TO STEEL FRAME

TREATMENT FOR ALL EXPOSED STEEL MEMBERS:
APPLY ONE COAT OF ZINC PHOSPHATE PRIMER COMPLYING WITH SANS 1339
APPLY ONE UNIVERSAL UNDERCOAT COMPLYING WITH SANS L61 GRADE 3
FINISH WITH TWO COATS ACRYLIC ENAMEL PAINT COMPLYING WITH SANS 320: TYPE 2, WITH A BLACK GLOSSY FINISH

DETAIL 1:
BOILER HALL ROOF WITH PROTRUDING SKYLIGHT
SCALE 1:25
EXISTING STRUCTURE PROTRUDING THROUGH SOUND LOBBY, BOX

SCALE 1:25

UNIVERSITY OF PERTH
DETAIL 3:

WALL FOOTING

SCALE 1:20

- 180x70 mm STEEL CHANNEL COLUMN WELDED TO BASESLATE
- 52 mm STEEL BASESLATE FIXED TO CONCRETE FOOTING WITH 4 x 10 mm J-BOLTS
- 40 mm DARK GREY PIGMENTED SCREED
- EXISTING FLOOR SLAB
- NEW DPM TAPE TO EXISTING
- NEW FOUNDATION PAD INSERTED INTO EXISTING FLOOR, EDGES ROUNDED TO ENSURE A STRONG JOINT BETWEEN EXISTING AND NEW FLOOR

WALL CLADDING 2

BLACK STRUCTURAL SILICONE SEALANT

60x335 mm STEEL PROFILE EDGING PAINTED BLACK WELDED TO STEEL STRUCTURE

45 mm TERRAZZO FLOOR FINISH POLISHED TO A HIGH GLOSS FINISH
NEW ROOF CONNECTING TO EXISTING BUILDING

SCALE 1:25
50mm CIRCULAR STAINLESS STEEL HOLLOW SECTION HANDRAIL

40x4mm BALUSTRADE WITH 30x30x30mm SQUARE HOLLOW STAINLESS STEEL SECTION BALUSTER DELIVED TO 8mm BASE PLATE AND BOLTED TO STEEL CHANNEL

10x30x5mm FLAT METAL STRIP WELDED TO BALUSTERS ON EACH END, COVERED ON BOTH SIDES WITH A 55x55mm TEAK TIMBER STRIP COATED WITH SCREW TO STEEL

200x100 STEEL CHANNEL FLOOR EDGE WELDED TO 30mm END PLATE BOLTED TO STEEL COLUMNS

150x150mm 8mm T-SECTION FLOOR BEAM WELDED TO STEEL CHANNELS ON BOTH ENDS

25x40x100mm STEEL CHANNEL BOLTED TO STEEL COLUMNS

38x38mm S.A. PINE TIMBER BATTENS FIXED TO FLOOR BEAM WITH SELF-TAPPING SCREWS & FAS 6/8

20mm TEAK CEILING NAILLED TO TIMBER BATTENS DACED WITH RUBED FINISH 50L

75 x 254 STRUCTURAL T-SECTION (CUT FROM 25x x 25x x 75 T-SECTION)

304x4x4mm TEAK STAIR TREAD WITH CHAMFERED EDGE SEALED WITH RUBED FINISH 50L

150mm RUBER NON-SLIP STRIP ON TOP

25x4x20mm H-SECTION COLUMN WELDED TO CONCRETE FOOTING BOLTED TO CONCRETE FOOTING WITH BOLTS

500mm EXTRUDED CONCRETE FOOTING

45mm DARK GREY PIGMENTED SCREEN

EXISTING FLOOR SLAB

NEW FOUNDATION

DETAIL 5:

STAIR AND BALUSTRADE DETAIL

SCALE 1:25