SPECIFICATIONS

RAIN SCREEN CLADDING

1. SUPPORT WALL
154MM ASH & LACEY SFS - SFS TO TAKE 35kg/m2 CLADDING LOAD
TO BE FULLY FILLED WITH ROCKWOOL RW3 (OR SIMILAR) INSULATION

2. SHEATHING BOARD
12.5MM RCM Y-WALL (OR SIMILAR) INSTALLED TO FACE OF SFS 1200x2400x12.5mm THICK. REACTION TO FIRE: EUROCLASS A2-s1-d0 TO BS EN 13501-1 OR BETTER. ALL SHEETS TO BE CORRECTLY JOINTED, FIXED AND SEALED PRIOR TO CLADDING INSTALLATION, ALL INTERFACES BETWEEN EDGES OF BOARD AND STRUCTURE TO BE SEALED WITH EPDM

3. RAINSCREEN INSULATION
ROCKWOOL RAIN SCREEN DUO SLAB INSULATION 600x1200 - THERMAL CONDUCTIVITY 0.034 W/Mk. 2No. FIXINGS REQUIRED PER BOARD AS PER STANDARD ROCKWOOL FIXING LAYOUT. CENTRAL FIXING TO BE CLASSIFIED A FIRE RATED FIXING. INSULATION SLABS TO BE INSTALLED STAGGERED, TIGHTLY ABUTTED AND WITH NO GAPS
THICKNESSES AS FOLLOWS :-
100MM - LOCAL TO ALUMINIUM RAIN SCREEN PANEL - BETWEEN WINDOWS
200MM - LOCAL TO VERTICAL/HORIZ' BRICK SLIP CLADDING
VARYING THICKNESS - LOCAL TO BRICK SLIP FEATURE PANELS

4. ALUMINIUM RAINSCREEN / HORIZONTAL BRICK SLIP RAINSCREEN SUBFRAME
ASH & LACEY AX1 MILL FINISH GRADE 6063 L VERTICAL SUBFRAME SYSTEM, BRACKETS FIXED INTO SFS USING 2no (SLIDING FIX) OR 3no (DEAD FIX) 5.5x50mm SELF DRILLING SCREWS WITH SEALING WASHERS (EJOT JT4-4 4.8x50 OR SIMILAR APPROVED. REFER TO SUBFRAME SET OUT DRAWINGS FOR BRACKET SIZES AND POSITIONS

5. VERTICAL BRICK SLIP RAINSCREEN SUBFRAME
ASH & LACEY AX2 MILL FINISH GRADE 6063 L HORIZONTAL SUBFRAME SYSTEM, BRACKETS FIXED INTO SFS USING 2no (SLIDING FIX) OR 3no (DEAD FIX) 5.5x50mm SELF DRILLING SCREWS WITH SEALING WASHERS (EJOT JT4-4 4.8x50 OR SIMILAR APPROVED. REFER TO SUBFRAME SET OUT DRAWINGS FOR BRACKET SIZES AND POSITIONS

6. ALUMINIUM CLADDING PANELS
GENIUS PRIME (HOOK ON) CLADDING PANELS - (TYPICALLY) 3mm THK ALUMINIUM - **(FINISH TO BE CONFIRMED)** - PANEL HOOKS FIXED INTO VERTICAL RAILS USING ST'/STEEL 5.5x35mm SELF DRILLING SCREWS, VERTICAL JOINTS & HORIZONTAL JOINTS TO BE 20MM - HOOK ON PANELS REQUIRE VISIBLE FIX AT HEAD ONLY USING ST'/STEEL LACQUERED 5.5x35mm SELF DRILLING SCREWS WITH 12MM DIA EPDM BONDED WASHERS - COLOUR MATCHED (EJOT JT3-FR-6 5.5x35 S12 OR SIMILAR APPROVED)

7. BREATHER MEMBRANE
OBEX CORTEX 0520 FR BREATHER MEMBRANE
LOCATION - TO FACE OF ALL SHEATHING BOARDS & CONCRETE AREAS
INSTALLATION TO BE AS PER MANUFACTURERS GUIDELINES AND REQUIREMENTS, TO BE FIXED, COMPLETED AND LAPPED/JOINTED IN ALL AREAS INCLUDING CORNERS BY CORE FACADES. - HORIZ' LAPS MIN' 100MM, VERT' LAPS MIN' 150MM, VERTICAL LAPS STAGGERED WHERE POSS', OVERLAPS AT CORNERS TO BE MIN' 300MM, ALL LAP JOINTS & EDGES OF MEMBRANE TO BE SEALED USING CORTEX UV FACADE TAPE AND CORTEX DOUBLE SIDED TAPE
NOTE: ALL EPDM SEALS BETWEEN ANY INTERFACES TO BE FULLY INSTALLED AND COMPLETE PRIOR TO INSTALLATION OF BREATHER MEMBRANE.

8. FLASHINGS
CLADDING CILLS - 2MM PPC ALUMINIUM (GRADE 1050A) - COLOUR MATCHED TO CLADDING, JAMBS - 2MM PPC ALUMINIUM (GRADE 1050A) - COLOUR MATCHED TO CLADDING
WINDOW CILLS/HEADS/JAMBS - 2MM PPC ALUMINIUM (GRADE 1050A) - COLOUR MATCHED TO CLADDING

9. FIRE BARRIERS

= VERTICAL CAVITY BARRIER - SIDERISE RV NON-VENTILATED RAINSCREEN CAVITY BARRIER
DEPTH TO SUIT DRAWINGS - 60 MINS FIRE RATING
LOCATIONS - REFER TO ELEVATION, PLAN & DETAIL DRAWINGS.
INSTALL TO MANUFACTURERS GUIDELINES AND REQUIREMENTS

= HORIZONTAL CAVITY BARRIER - SIDERISE RH VENTILATED RAINSCREEN CAVITY BARRIER
DEPTH TO SUIT DRAWINGS (INC' INTUMESCENT STRIP) - 120 MINS FIRE RATING
LOCATIONS - REFER TO ELEVATION, PLAN & DETAIL DRAWINGS.
INSTALL TO MANUFACTURERS GUIDELINES AND REQUIREMENTS

10. HORIZONTAL BRICK SLIP CLADDING
ASH & LACEY - MECH SLIP BRICK SLIP CLADDING - BRICK BOND PATTERN - DARK GREY FINISH
LOCATION - STANDARD BRICK PANELS/COLUMNS - ALL ELEVATIONS
ASH & LACEY - MECH SLIP BRICK SLIP CLADDING - BRICK BOND PATTERN - LIGHT GREY GLAZED FINISH
LOCATION - FEATURE PANELS - ALL ELEVATIONS
ASH & LACEY - MECH SLIP BRICK SLIP CLADDING - BRICK BOND PATTERN WITH PROJECTING FEATURE BRICKS EVERY SECOND BRICK LEVEL - DARK GREY FINISH
LOCATION - GABLE ELEVATION ONLY

11. VERTICAL BRICK SLIP CLADDING
ASH & LACEY - MECH SLIP BRICK SLIP CLADDING - VERTICAL STACK BOND PATTERN - EVERY SECOND FLOOR LEVEL - DARK GREY FINISH
LOCATION - ALL ELEVATIONS - EVERY SECOND FLOOR LEVEL

12. BRICK MORTAR - FOR BRICK SLIP RAIN SCREEN
SUPPLIER AND FINISH/COLOUR OF MORTAR TO BE CONFIRMED

ALUMINIUM GLAZING

13. WINDOW SYSTEM
REYNAERS CONCEPT SYSTEM 77 - STANDARD FIXED LIGHT WINDOWS
GLAZED INTERNALLY WITH INTERNAL BEADING TO SUIT 43MM DOUBLE GLAZING
NO SUB-CILLS
STANDARD DRAINAGE - VIA EXTERNAL DRAIN CAPS
COLOUR AND FINISH OF WINDOWS TO BE CONFIRMED

14. WINDOW SUPPORTS & FIXINGS
- WINDOW HEAD & JAMB FIXINGS - SYSTEM SUPPLIER FIXING STRAPS FIXED TO SFS WITH 5.5X32MM TEK SCREWS
- WINDOW CILL FIXINGS - TO SFS - 2MM STEEL FIXING STRAPS FIXED TO SFS WITH 5.5X32MM TEK SCREWS
- WINDOW CILL FIXINGS - TO STRUCTURE - 2MM STEEL ANGLE BRACKETS - FIXED TO STRUCTURE WITH 6.3X60MM ST'/STEEL TAPCON FIXINGS
NOTE: EPDM ISOLATOR PADS REQUIRED BETWEEN ANY BRACKETS AND STRUCTURE.

15. GLASS
43MM SEALED DOUBLE GLAZED UNITS
13.5MM HEAT STRENGTHENED LAMINATE OUTER PANE WITH CERAMIC FRIT (TO BOTTOM AREA) ON SURFACE 4
20MM BLACK WARM EDGE SPACER WITH ARGON (90%) FILLED CAVITY
9.5MM HEAT STRENGTHENED LAMINATE INNER PANE WITH SOLAR CONTROL COATING TO SURFACE 5

16. TRICKLE VENTS
DUCO ACOUSTIC TRICKLE VENTS - GLAZED INTO HEAD OF WINDOWS WITH PPC ANGLES
TO BE COLOUR MATCHED TO FINISH OF WINDOWS

17. PERIMETER SEALS
OBEX CORTEX 0500FR - EPDM MEMBRANE BONDED TO WINDOWS IN FACTORY THEN SEALED TO FACE OF STRUCTURE/SHEATHING BOARDS ON SITE WITH CORTEX EPDM ADHESIVE AND PRIMER - MIN' 75MM BOND TO STRUCTURE/BOARD
DOW CORNING 895 (OR SIMILAR APPROVED) LOW MODULAS SILICONE SEALS C/W PU FOAM BACKER RODS - TO PERIMETER OF WINDOWS

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P01	APPROVAL ISSUE	GLB	5.1.26

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AF & F CONSTRUCTION

CORE FACADE

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