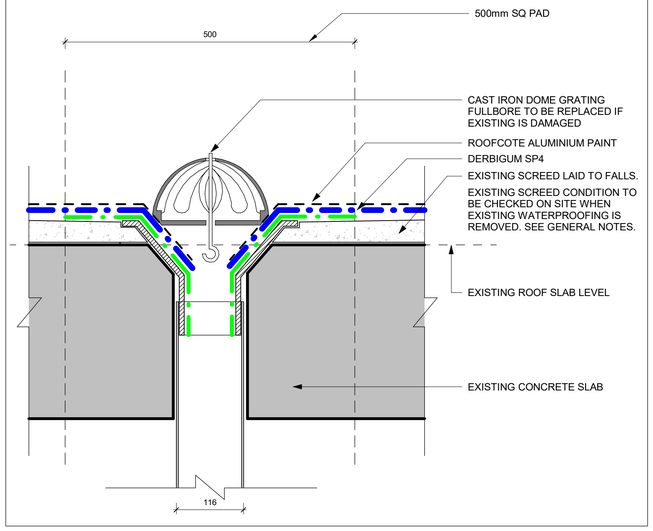
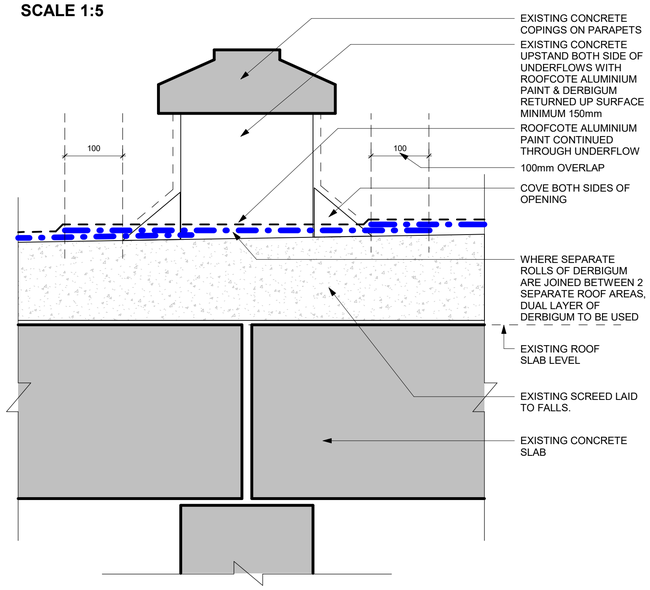
DETAIL C1: TYPICAL SECTION THROUGH DOME FULLBORE

SCALE 1:5



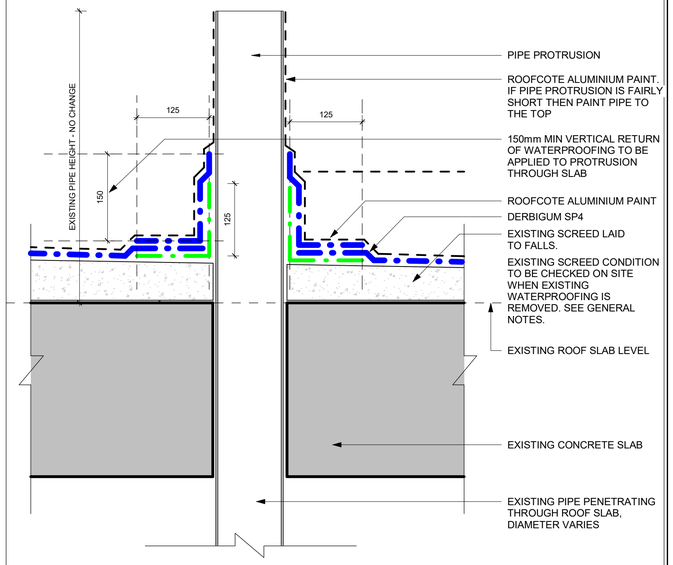
DETAIL C3: TYPICAL SECTION THROUGH EXTG ROOF UNDERFLOWS

SCALE 1:5



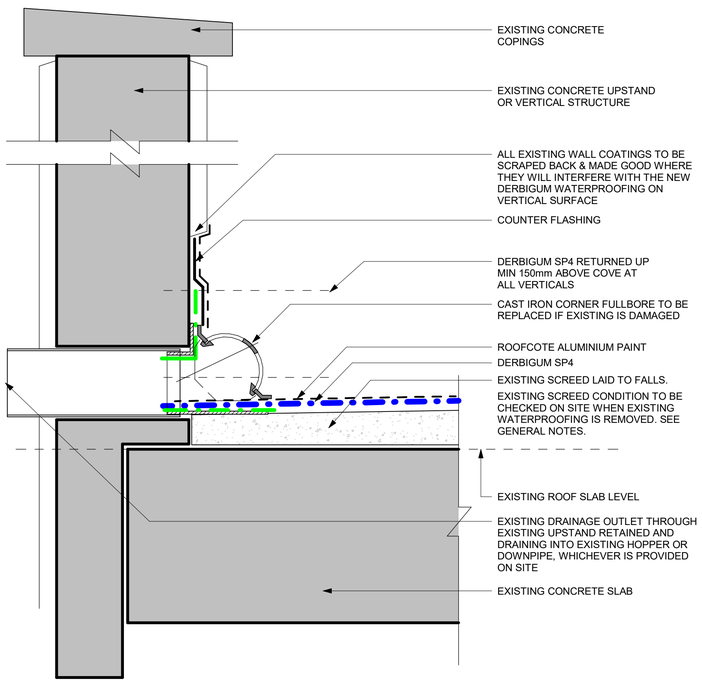
DETAIL C5: TYPICAL SECTION THROUGH PIPE PENETRATIONS

SCALE 1:5



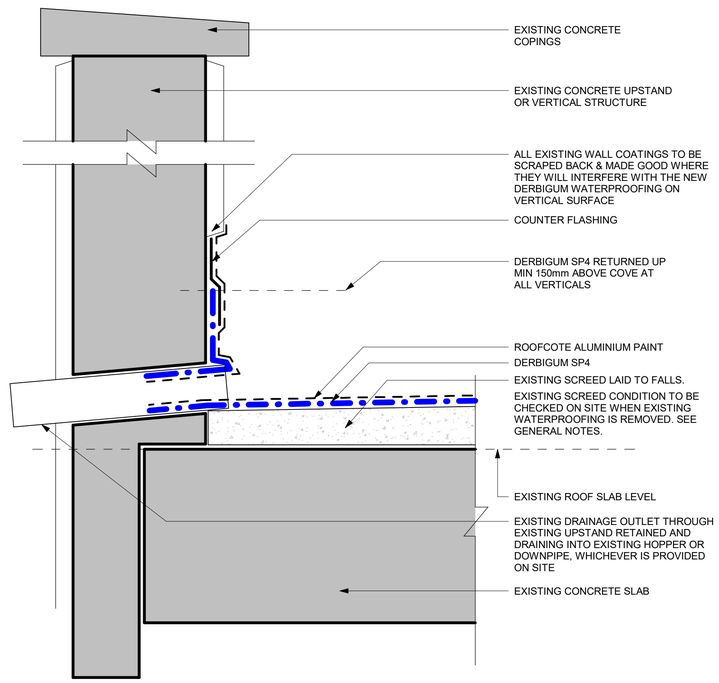
DETAIL C2: TYPICAL SECTION THROUGH CORNER FULLBORE

SCALE 1:5



DETAIL C4: TYPICAL SECTION THROUGH EXISTING OUTLETS WHERE NO SIDE WALL FULLBORE EXISTS

SCALE 1:5



GENERAL NOTES RELEVANT TO ALL NEW WATERPROOFING TO REPLACE EXISTING WATERPROOFING ON EXISTING CONCRETE FLAT ROOF SLABS:

1. EXISTING DRAINAGE FULLBORES

   IN MANY CASES, THE EXISTING FULLBORES ARE IN FAIR CONDITION AND WILL NOT NEED REPLACING.

   ALL FULLBORES ARE TO BE CHECKED FOR DAMAGE OR BLOCKAGES. REPLACE ANY THAT ARE DAMAGED WITH CAST IRON FULLBORE TO MATCH EXISTING TYPE (DOME GRATED, FLAT GRATED OR SIDE GRATED).

   ANY BLOCKAGES IN EXISTING RAINWATER SYSTEM ARE TO BE CLEARED.

   ALLOW FOR REMOVING EXISTING FULLBORES IF THIS IS NECESSARY, SO THAT THE EXISTING WATERPROOF LAYER CAN BE REPLACED AROUND AREA ADJACENT TO FULLBORES.

   CAREFULLY REMOVE EXISTING WATERPROOFING LAYER AROUND THE DRAINAGE OUTLET, PRIME THE AREA (= 1m²) AROUND THE OUTLET USING A BITUMINIOUS PRIMER, AND APPLY THE NEW DERBIGUM SP4 LAYER CAREFULLY DRESSED UNDER FULLBORE AND INTO EXISTING DRAINAGE PIPES.

   RE-INSTALL THE FULLBORE BACK INTO POSITION TO MEET INTO EXISTING DRAINAGE PIPE.

2. EXISTING PENETRATIONS THROUGH EXISTING ROOF NOT RELATED TO DRAINAGE

   CERTAIN VENT PIPES OR OTHER PENETRATIONS PROTRUDE THROUGH THE EXISTING ROOF SLABS WATERPROOFING AND THESE ARE TO BE LEFT UNDISTURBED AFTER THE REMOVAL OF THE EXISTING WATERPROOFING AND ADEQUATELY DRESSED MIN 150mm IN HEIGHT WITH NEW DERBIGUM SP4 LAYER.

3. EXISTING STRUCTURES AFFECTING APPLICATION OF NEW WATERPROOFING

   WHERE ANY EXISTING STRUCTURES ARE AFFECTING THE APPLICATION OF THE NEW DERBIGUM WATERPROOFING, THESE STRUCTURES ARE TO BE ADDRESSED TO THE CLIENT'S REPRESENTATIVE BEFORE ANY ACTION TAKES PLACE. THIS INCLUDES ANY STRUCTURES THAT ARE CURRENTLY PROTECTED WITH EXISTING WATERPROOFING.

4. EXISTING CONDITIONS ON FLAT CONCRETE ROOFS OR SHEETED METAL ROOFS

   ALL LOOSE MATERIALS, DEBRIS, RUBBISH IS TO BE REMOVED COMPLETELY FROM ROOFS BEFORE COMMENCING WORK ON A SPECIFIC AREA AND TO BE MAINTAINED IN A CLEAN AND TIDY CONDITION DURING THE EXECUTION OF THE WORKS FOR ANY SPECIFIC AREA.

REVISION SCHEDULE

NO	DATE	DESCRIPTION	BY
A	2023-11-15	ISSUED FOR TENDER	SR

GENERAL NOTES

THIS DRAWING IS NOT TO BE SCALED;
FIGURED DIMENSIONS TO BE USED AT ALL TIMES.

CONTRACTOR IS RESPONSIBLE FOR CORRECT SETTING OUT OF THE BUILDING, ALL EXTERNAL AND INTERNAL WALLS WITH PARTICULAR REFERENCE TO BUILDING LINES, BOUNDARIES, ETC.

CONTRACTOR TO VERIFY ALL LEVELS, HEIGHTS AND DIMENSIONS ON SITE AND TO CHECK SAME AGAINST THE DRAWING BEFORE PUTTING ANY WORK.

ALL CONTRACTORS TO CHECK DETAILS SHOWN ON THIS DRAWING FOR COMPLIANCE WITH STANDARDS OF GOOD BUILDING PRACTICE WITH PARTICULAR REFERENCE TO SPECIAL REQUIREMENTS NECESSITATED BY LOCAL AND OR ON SITE CONDITIONS AND REPORT ANY COMMENT TO THE ARCHITECT.

ANY ERROR, DISCREPANCIES OR OMMISSIONS TO BE REPORTED TO THE ARCHITECT IMMEDIATELY.

FINAL DIMENSIONS TO BE TAKEN ON SITE BEFORE ORDERING, SUPPLYING AND FIXING PROPRIETARY OR DETAILED FITTINGS.

CONTRACTORS ARE TO LOCATE AND IDENTIFY EXISTING SERVICES ON SITE AND TO PROTECT THESE FROM DAMAGE THROUGHOUT THE DURATION OF THE WORKS.

CONTRACTORS ARE TO BUILD IN DPC'S WHETHER OR NOT THESE ARE SHOWN ON DRAWING TO ALL EXTERNAL WALLS, AT EACH FLOOR AND TO ALL WINDOWS, DOORS OR OTHER OPENINGS IN EXTERNAL WALLS. CAVITY WALLS TO HAVE STEPPED DPC.S.

CONTRACTOR TO BUILD IN BRICK FORCE EVERY 5TH COURSE IN BRICK WALLS AND EVERY 2ND COURSE ABOVE WINDOWS, DOORS AND ALL OTHER OPENINGS.

ALL GLASS TO BE ACCORDING TO N.B.R AND TO BE S.A.B.S APPROVED.
3mm THICK GLASS FOR 0 - 0.75 AREA
4mm THICK GLASS FOR 0.75 - 1.50 AREA
6mm THICK GLASS FOR 1.50 - LARGER AREA
SLIDING DOOR TO HAVE SAFETY GLASS WITH GLAZING INDICATOR.

ANY QUERIES ARISING FROM ALL THE ABOVE MUST BE REPORTED TO THE ARCHITECT FOR CLARIFICATION BEFORE ANY WORKS ARE PUT IN HAND.

QUALITY OF ALL MATERIALS AND WORKMANSHIP TO COMPLY WITH THE RELEVANT S.A.B.S AND B.S.S SPECIFICATION

NOTE:

1. This drawing may not be scaled. Only figured dimensions and levels may be used
2. All Dimensions and levels to be checked on site before commencement of work.Refer any discrepancies to the ADA representative immediately.
3. This drawing is to be read in conjunction with all relevant details, and consulting engineers drawings.
4. All work to be carried out in accordance with local authority requirements, National Building Regulations, and relevant S.A.B.S. standards.
5. The design on this drawing is copyright and remains the property of Architectural Design Associates

Client

Be moved prasa PASSENGER RAIL AGENCY OF SOUTH AFRICA

Project

UPGRADE TO PARK STATION ROOFS

Drawing

DETAILS C -
DRAINAGE OUTLET DETAILS

Scale	Date	Drawn
1 : 5	2023/11/15 11:05:24	SR
Project No.	Drawing No.	Revision No.
21464-00	601	A

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