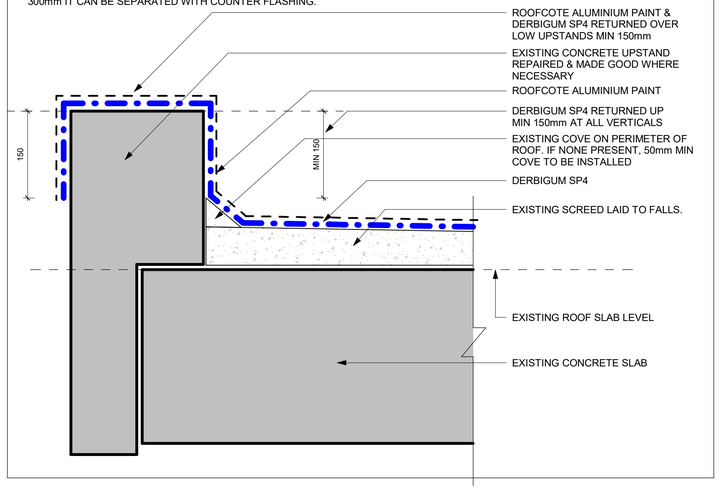
DETAIL A1: TYPICAL JUNCTION AT ROOF SLAB / UPSTAND STRUCTURE

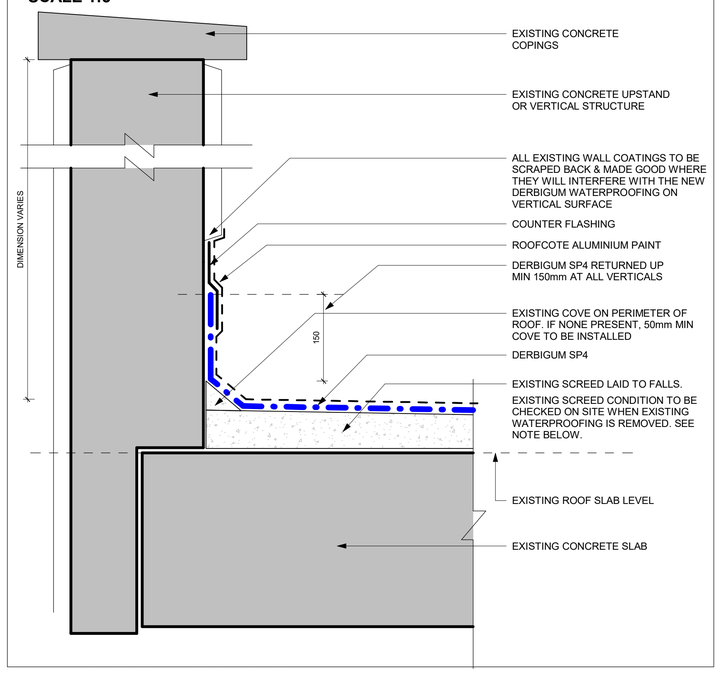
SCALE 1:5

NOTE THAT WHERE UPSTAND IS LESS THAN 300mm, THE WATERPROOFING & ALUMINIUM PAINT CAN BE CONTINUOUS OVER FULL HEIGHT OF UPSTAND. WHERE GREATER THAN 300mm IT CAN BE SEPARATED WITH COUNTER FLASHING.



DETAIL A2: TYPICAL JUNCTION AT ROOF SLAB / VERTICAL STRUCTURE

SCALE 1:5



EXISTING SUBSTRATE - CONCRETE SLABS:

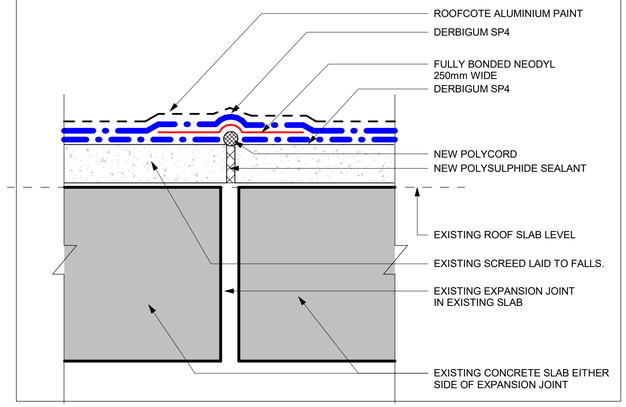
THE SUBSTRATE SHALL BE TO FALLS AND CROSS FALLS OF 1:80 TO OUTLETS. IF NO FALLS AND CROSS FALLS EXIST, A DUAL LAYER SYSTEM MUST BE USED. THE SUBSTRATE SHALL BE SURFACE DRY, CLEAN AND SMOOTH; FREE OF VOIDS, PROTRUSIONS AND CONTAMINANTS. THE AREA IS THEN TO BE PRIMED USING A BITUMINOUS PRIMER. INTERNAL CORNERS SHALL BE FILLETED AND EXTERNAL CORNERS ROUNDED.

SPECIFICATION:

ONE LAYER DERBIGUM SP4 WATERPROOFING MEMBRANE, WITH 75mm SIDE LAPS AND 100mm END LAPS, SEALED TO PRIMED SURFACE TO FALLS AND CROSSFALLS BY 'TORCH-FUSION' FINISHED WITH TWO COATS BITUMINOUS ALUMINIUM PAINT.
WATERPROOFING TO BE INSTALLED BY AN APPROVED DERBIGUM CONTRACTOR UNDER A TEN YEAR GUARANTEE.

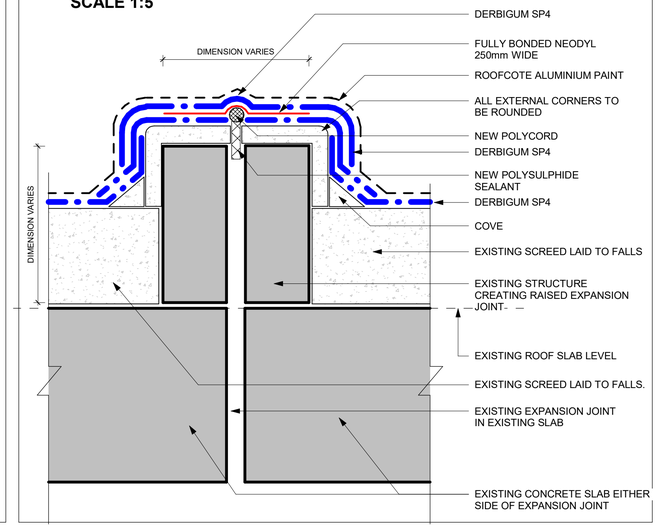
DETAIL B1: TYPICAL EXPANSION JOINTS - ON LEVEL

SCALE 1:5



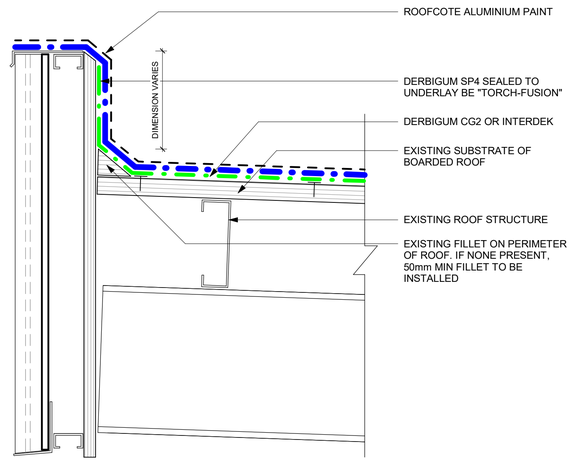
DETAIL B2: TYPICAL EXPANSION JOINTS - ON RAISED

SCALE 1:5



DETAIL A3: TYPICAL JUNCTION AT BOARDED ROOF / EXISTING VERTICAL SHEETING FASCIA

SCALE 1:5



EXISTING SUBSTRATE - BOARDED ROOFS:

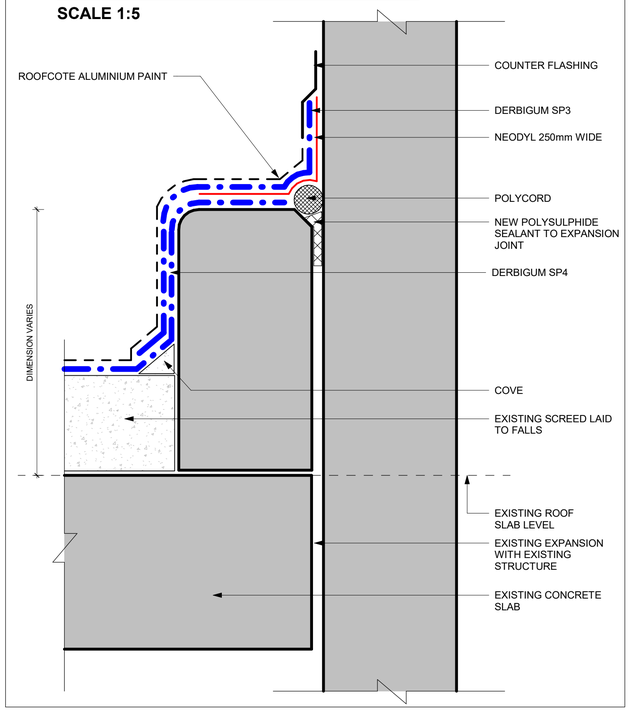
THE SUBSTRATE TO BE CHECKED AFTER ALL EXISTING WATERPROOFING MEMBRANE HAS BEEN REMOVED AND ANY DAMAGE TO BE REPAIRED. THE SUBSTRATE SHALL BE SURFACE DRY, CLEAN AND SMOOTH; FREE OF VOIDS, PROTRUSIONS AND CONTAMINANTS. THE AREA IS THEN TO BE PRIMED USING A BITUMINOUS PRIMER. INTERNAL CORNERS SHALL BE FILLETED AND EXTERNAL CORNERS ROUNDED.

SPECIFICATION:

MECHANICALLY FASTENDERBIGUM CG2 OR INTERDEK UNDERLAY WITH SELECTED CLOUT NAILS AND 38mm DIAMETER ROOFING WASHERS AT 300mm CENTRES AND ONE LAYER DERBIGUM SP4, WITH 75mm SIDE LAPS AND 100mm END LAPS, SEALED TO UNDERLAY BY "TORCH-FUSION", FINISHED WITH ROOFCOTE BITUMINOUS ALUMINIUM PAINT.
WATERPROOFING TO BE INSTALLED BY AN APPROVED DERBIGUM CONTRACTOR UNDER A TEN YEAR GUARANTEE.

DETAIL B3: TYPICAL EXPANSION JOINTS - VERTICAL / HORIZONTAL JUNCTION

SCALE 1:5



EXPANSION JOINTS

EXISTING SUBSTRATE:

REMOVE ALL EXISTING WATERPROOFING MEMBRANE AND ALL EXISTING SEALANT IN THICKNESS OF SCREED. THE SUBSTRATE SHALL BE SURFACE DRY & CLEAN. THE AREA IS THEN TO BE PRIMED USING A BITUMINOUS PRIMER.

SPECIFICATION:

ONE LAYER NEODYL EXPANSION JOINT MEMBRANE HEAT FUSED OVER DERBIGUM SP4 ON BITUMEN PRIMED EXPANSION JOINT. EXPANSION JOINT TO BE PRE-FILLED WITH POLYURETHANE JOINTING COMPOUND FOLLOWED BY A SUITABLE DIAMETER POLYCORD FORMING A RAISED BUMP ABOVE THE EXPANSION JOINT. ONE LAYER DERBIGUM SP4 HEAT FUSED OVER THE NEODYL TO FINISH.
WATERPROOFING TO BE INSTALLED BY AN APPROVED DERBIGUM CONTRACTOR UNDER A TEN YEAR GUARANTEE.

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 A & B - WATERPROOFING TO EXTG SLABS & EXTG BOARDED ROOF & OVER EXPANSION JOINTS

Scale	Date	Drawn
1 : 5	2023/11/15 11:05:23	SR
Project No.	**Drawing No.**	**Revision No.**
21464-00	600	A

Architectural Design Associates

129 Jan Smuts Avenue, 2193 Johannesburg
PO Box 87076, Houghton, 2041

Tel: +27 11 880 0600 Fax: +27 11 880 0611
Email: ada@ada.co.za Web: ada@ada.co.za