

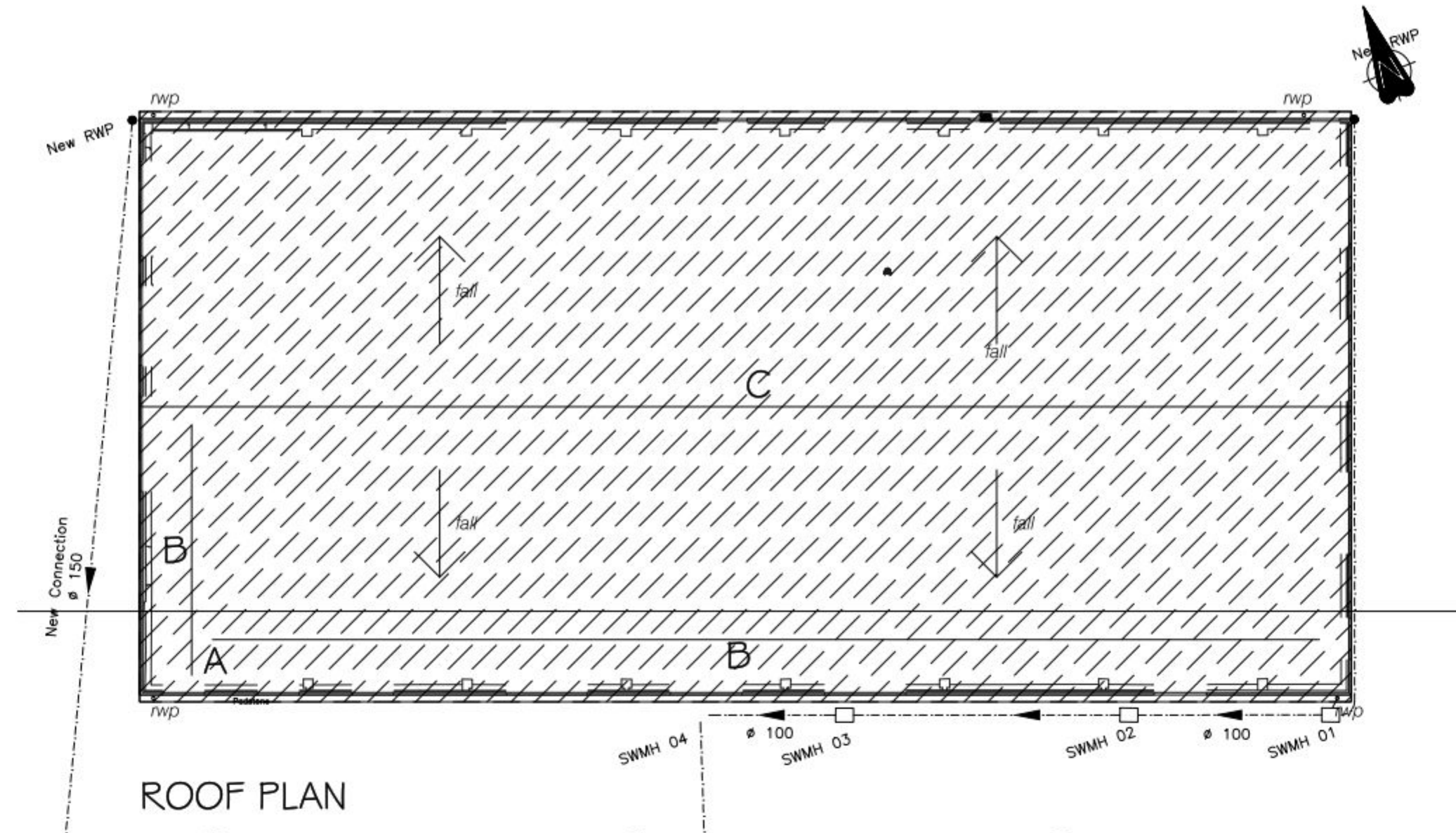
FOR PORTSMOUTH (NEAREST UK TOWN)
RAINFALL INTENSITY = 0.018 L/S PER M2 (RETURN PERIOD 1 YEAR)

RWP SIZE Ø : 150MM
GUTTER TYPE : EAVES
GUTTER DEPTH : 200MM
MAX DISTANCE BETWEEN OUTLETS : 20M
THUS CATCHMENT AREA (STRAIGHT OUTLET TYPE) : 809M²

PROPOSED ROOF PITCH : 6.55°
THUS PITCH FACTOR : 0.96

$$\text{ALLOWABLE AREA DRAINED} = \text{CATCHMENT AREA} \times \text{PITCH FACTOR}$$

$$= 809\text{M}^2 \times 0.96 = \underline{776.645\text{QM}}$$
$$\text{ACTUAL AREA DRAINED} = \text{SLOPE} \times \text{DISTANCE BETWEEN OUTLETS}$$

$$= 10.91 \times 20 = \underline{218.2 \text{ QM}}$$


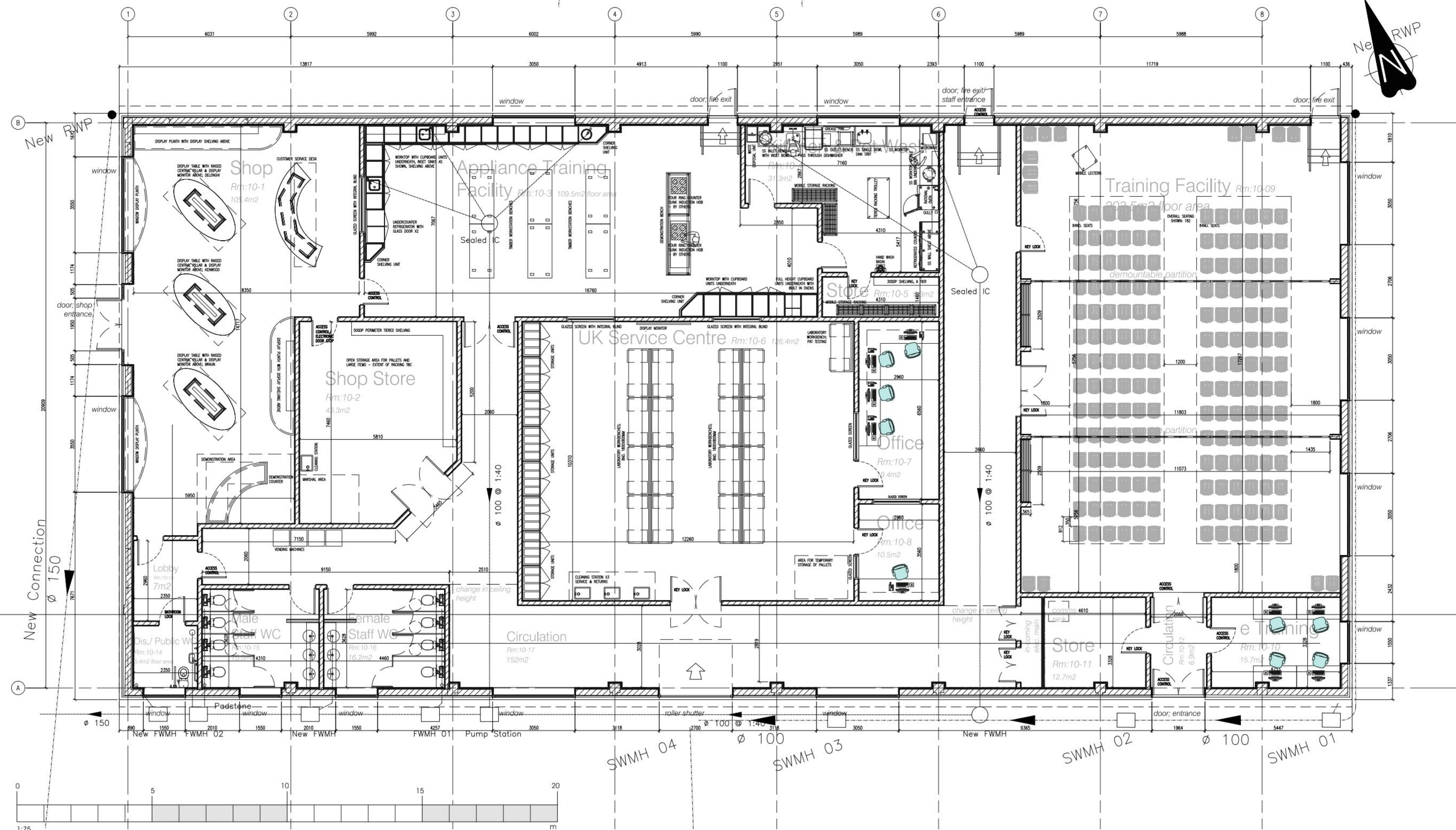
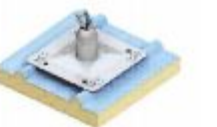
FALL ARREST SYSTEM

KINGSPAN SAFEPRO 2 ROOF ANCHORS AT POINT OF ROOF ACCESS TO RIDGE >>

KINGSPAN SAFETRAXX CONTINUOUS ALUMINIUM RAIL SYSTEM ACCESSING MID ROOF

KINGSPAN SAFERIDGE CONTINUOUS ALUMINIUM RAIL SYSTEM FITTED TO ROOF APEX>>

NOTE : FINAL LAYOUT TO BE IN FULL COMPLIANCE OF
MANUFACTURER'S INSTRUCTIONS AND DESIGN GUIDE.



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PLANNING



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project Kenwood Expansion
Phase 8

title PHASE 1 : Unit 10 Proposed
Ground Floor Layout & Roof Plan

date	scale/paper size	drawn	checked
Nov '14	1:75 @ A1	SJT	SJT

job no.	dwg. no.	rev. no.
34179	101	PL1

file 34179 Planning Set RevPL1 Unit 10