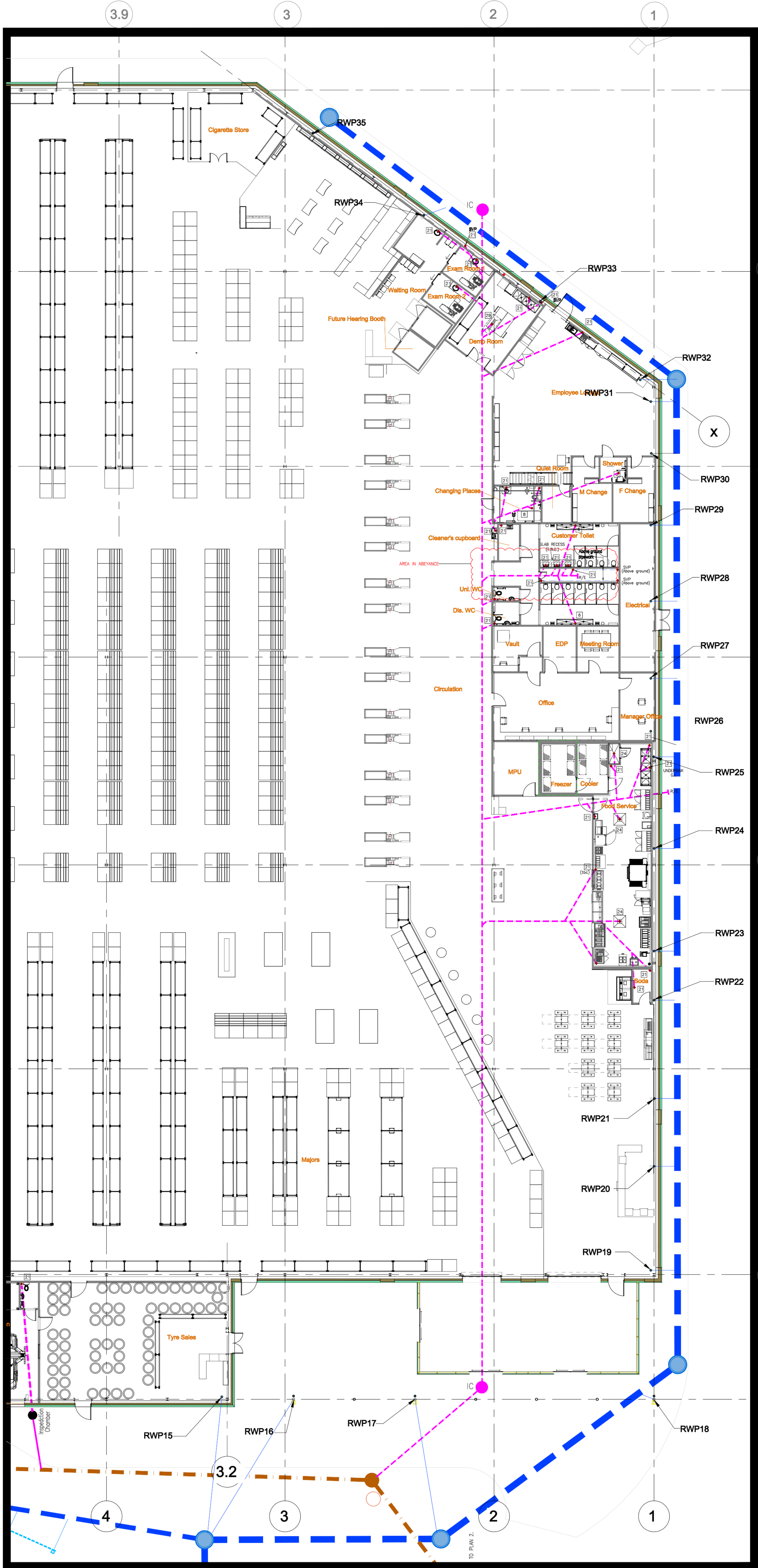




SEQUENCE OF TESTS FOR INTERNAL DRAINAGE:

1. OPEN TEST (E, BEFORE BACK FILLING) – BY THE CONTRACTOR.
2. OPEN TEST (E, BEFORE BACK FILLING) – BY BUILDING CONTROL.
3. TEST AFTER BACK FILLING – BY THE CONTRACTOR.
4. TEST BEFORE PAVING/FLOORING CONTRACTOR BEGINS WORK – BY THE CONTRACTOR.
5. TEST BEFORE PAVING/FLOORING CONTRACTOR LAYS MATERIAL (E, TARMAC, CONCRETE, SCREED ETC.) – BY THE CONTRACTOR.
6. TEST AFTER PAVING/FLOORING MATERIAL IS LAID – BY THE CONTRACTOR.
7. TEST BY BUILDING CONTROL AT THE END OF THE CONTRACT TO OBTAIN VARIATION CERTIFICATE. NOTE: IF THERE IS NO PAVING, FLOORING, ROADS ETC. LOCAL TO THE DRAINAGE BEING TESTED, ITEMS 4, 5 AND 6 CAN BE IGNORED, SO LONG AS ONE TEST BY THE CONTRACTOR IS CARRIED OUT PRIOR TO THE TEST BY BUILDING CONTROL.
8. ALL TESTS ARE TO BE AIR TESTS AS PER THE SPECIFICATION.
9. ALL TEST RESULTS ARE TO BE RECORDED ON THE APPROPRIATE FORMS/RECORD SHEETS.
10. 'TEST BY CONTRACTOR' MEANS TEST CAN BE UNDERTAKEN BY A SUBCONTRACTOR, PROVIDED THAT THE TEST IS SUPERVISED BY THE MAIN CONTRACTOR.

GENERAL NOTES:

1. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL THE RELEVANT ARCHITECTS, M&E AND SUBCONTRACTORS DRAWINGS AND SPECIFICATIONS.
2. ALL DIMENSIONS TO BE CHECKED AGAINST ARCHITECTS AND M&E DRAWINGS PRIOR TO THE COMMENCEMENT OF ANY WORKS, AND ANY DISCREPANCIES ARE TO BE REPORTED TO THE ENGINEER IMMEDIATELY.
3. THE INTERNAL DRAINAGE LINES MUST AVOID GOING THROUGH THE FOUNDATIONS (WHERE PRACTICAL).
4. HAND HOLE ACCESS TO BE FITTED AT THE BASE OF ALL VERTICAL RISERS.
5. ALL FOUL UNDER FLOOR DRAINAGE CONNECTIONS TO THE MAIN LINES TO BE A MINIMUM OF 100mm UNLESS NOTED OTHERWISE. MAIN UNDER FLOOR FOUL COLLECTOR DRAIN RUNS TO BE MINIMUM 150mm.
6. ALL BELOW GROUND DRAINAGE TO BE CAST IRON OR SOLID PLASTIC. UNDER NO CIRCUMSTANCES ARE TWIN WALLED OR ULTRA-RIB TO BE USED FOR UNDERGROUND DRAINAGE.
7. EXTERNAL DRAINAGE BY OTHERS.

LEGEND FOR INTERNAL DRAINAGE:

- DENOTES FOUL DRAINAGE.
- DENOTES POP-UP LOCATION.
- DENOTES RODDING EYE LOCATION.

NOTE: ALL REFERENCE NUMBERS GIVEN BELOW, FOR FLOOR DRAINAGE PRODUCTS, REFER TO 'WADE DRAINAGE PRODUCTS'.

1. G304 1A/2" TRAPPED FLOOR DRAIN WITH RODDING ACCESS, U103 & U104 EXTENSION PIECES AND COVER TYPE L5501. INVERT LEVEL OF INCOMING 100mm PIPE TO BE -0.350m. LEVEL TO BOTTOM OF BOX-OUT TO BE -0.465m (REFER TO DETAIL A).

2. 50mm CONDENSATE VENT STACK (REFER TO DETAIL D).

3. 50mm (COPPER) CONDENSATE VENT STACK TO BE BROUGHT UP AND TERMINATED 10mm BELOW FINISHED FLOOR LEVEL WITHIN A 150mm DEPTH RECESS IN THE FLOOR SLAB. RECESS TO ACCOMMODATE A WADE BRASS COVER TYPE L5103 FIXED AND SEALED FLUSH WITH THE TOP OF THE FLOOR SLAB. PIPE TO DISCHARGE VIA A 90° BEND (REF: U1301) TO ITEM ABOVE (REFER TO DETAIL A).

4. SAME AS 3, BUT NOT TO BE DRILLED BY THE REFRIGERATION CONTRACTOR.

5. FOR FUTURE USE, SUPERSEAL/DOUBLE SEALED COVER K5801.

6. 1" TRAPPED FLOOR GULLY REF G/S103.

7. 50mm DIAMETER BACK INLET STAINLESS STEEL GULLY TYPE K2107 ON G2 SERIES G203 BODY.

8. REFER DETAIL.

9. TRAPPED SHOWER FLOOR GULLY.

10. YARD GULLY. G4332 ANTI-SIP MESH. Q14V SERIES VERTICAL SPIGOT. OUTLET BELL TRAP Q1434.

11. 100mm STUB STACK TO BE LEFT 150mm ABOVE FFL.

12. G304 TRAPPED FLOOR DRAIN WITH RODDING ACCESS FITTED WITH SEDIMENT BUCKET U701, COVER TYPE L2103 AND U103 & U104 EXTENSION PIECES. INVERT LEVEL OF INCOMING 100mm PIPE TO BE -0.350m. LEVEL TO BOTTOM OF BOX-OUT TO BE -0.465m.

13. TRAPPED FLOOR GULLY WITH WADE L3301, 150mm SQUARE COVER.

CHANNEL FLOOR DRAIN: RE x 1200 LG. WITH S573232 GRATING (GRATING TO HAVE 10mm ROUND HOLES REINFORCED TO WITHSTAND LOADING CLASS B150 TO BS EN 124:1994). SEDIMENT BUCKET AND CENTRALLY POSITIONED OUTLET. CHANNEL DEPTH TO BE 75mm TO 95mm WITH A SPIGOT LENGTH OF 130mm. SPIGOT TO DISCHARGE INTO UNDERLYING TRAPPED RODDABLE BODY UNIT TYPE G304. INVERT LEVEL OF INCOMING 100mm PIPE TO BE -0.350m. LEVEL TO BOTTOM OF BOX-OUT TO BE -0.465m (REFER TO DETAIL C).

CHANNEL FLOOR DRAIN: RE x 7500 LG. WITH S573232 GRATING (GRATING TO HAVE 10mm ROUND HOLES REINFORCED TO WITHSTAND LOADING CLASS B150 TO BS EN 124:1994). SEDIMENT BUCKET AND CENTRALLY POSITIONED OUTLET. CHANNEL DEPTH TO BE 75mm TO 95mm WITH A SPIGOT LENGTH OF 130mm. SPIGOT TO DISCHARGE INTO UNDERLYING TRAPPED RODDABLE BODY UNIT TYPE G304. INVERT LEVEL OF INCOMING 100mm PIPE TO BE -0.350m. LEVEL TO BOTTOM OF BOX-OUT TO BE -0.465m (REFER TO DETAIL C).

15103 FIXED AND SEALED FLUSH – [3].

L5501 SUPERSEAL WHERE FOR FUTURE USE. – [4].

PIPE TO BE CUT BACK AFTER INSTALLATION OF REDUCER.

4" TO 2" REDUCER.

130mm x 130mm RECESS IN FLOOR SLAB.

PIPE TO BE LEFT 10mm BELOW FINISHED FLOOR SLAB.

L5501 SUPERSEAL (DOUBLE SEALED) ALTERNATIVE K5501 CIRCULAR.

U103 C.I. EXTENSION PIECE.

2 C.I.

G304 1A x 2" TRAPPED FLOOR GULLY.

1

DETAIL A.
(N.T.S.)

Channel floor drain.

Spigot.

OUTLET.

G304 Trapped body.

DETAIL C.
(SCALE 1 : 100.)

FOR SETTING OUT REFER TO PLANS.

Top of kerb.

50mm PVC condensate drainage above ground by others.

Drainage pipe to pass through concrete kerb (by others).

100mm Back inlet with reducer to suit 50mm condensate drainage above.

DETAIL D.
(SCALE 1 : 100.)

IMPORTANT
HEALTH, SAFETY & ENVIRONMENTAL INFORMATION

IN ADDITION TO THE HAZARDS AND RISKS NORMALLY ASSOCIATED WITH THE TYPE OF WORK DETAILED ON THIS DRAWING, PLEASE NOTE THE FOLLOWING ADDITIONAL RISKS TO HEALTH AND SAFETY:

CONSTRUCTION PHASES:

- Risk reference 1: Existing services within site.

IT IS ASSUMED THAT ALL WORKS WILL BE CARRIED OUT BY A COMPETENT CONTRACTOR WORKING, WHERE APPROPRIATE, TO AN APPROVED METHOD STATEMENT.

REV	AMENDMENTS	BY	CHKD	APPRO	DATE
C05	Interim updated. Plans updated.	BM	JT	MF	27.07.26
C02	Drawing renumbered. E&M drawings & notes updated.	DJ	MF	CM	14.07.26
C01	Construction issue.	DJ	MF	CM	10.07.26
P04	Updated to latest layout.	DJ	MF	CM	02.07.26
P03	Updated to latest layout.	DJ	MF	CM	10.06.26
P02	Drainage outlet type 28 - Note added to legend.	DJ	MF	CM	08.02.26
P01	TENDER ISSUE	DJ	CM	CM	18.01.26

QUATTRO CONSULT

38 Thistle Street • Edinburgh • EH2 1EN
Tel: 0131 220 8668
Email: quattro@quattroconsult.co.uk

CLIENT

COSTCO WHOLESALE

PROJECT

NORWICH

TITLE

Drainage Internal foul layout Sheet 2.

STATUS

CONSTRUCTION

DRAWN	DJ	CHECKED	CM	APPROVED	CM
DATE	10.01.26	DATE	10.01.26	DATE	14.01.26
DRAWING SCALE	1:125	ORIGINAL DRAWING SIZE		1189 x 841 - A0	
DRAWING No	C4.4b		REV	C03	