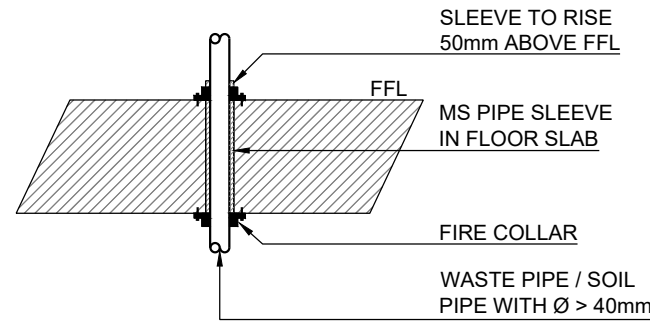
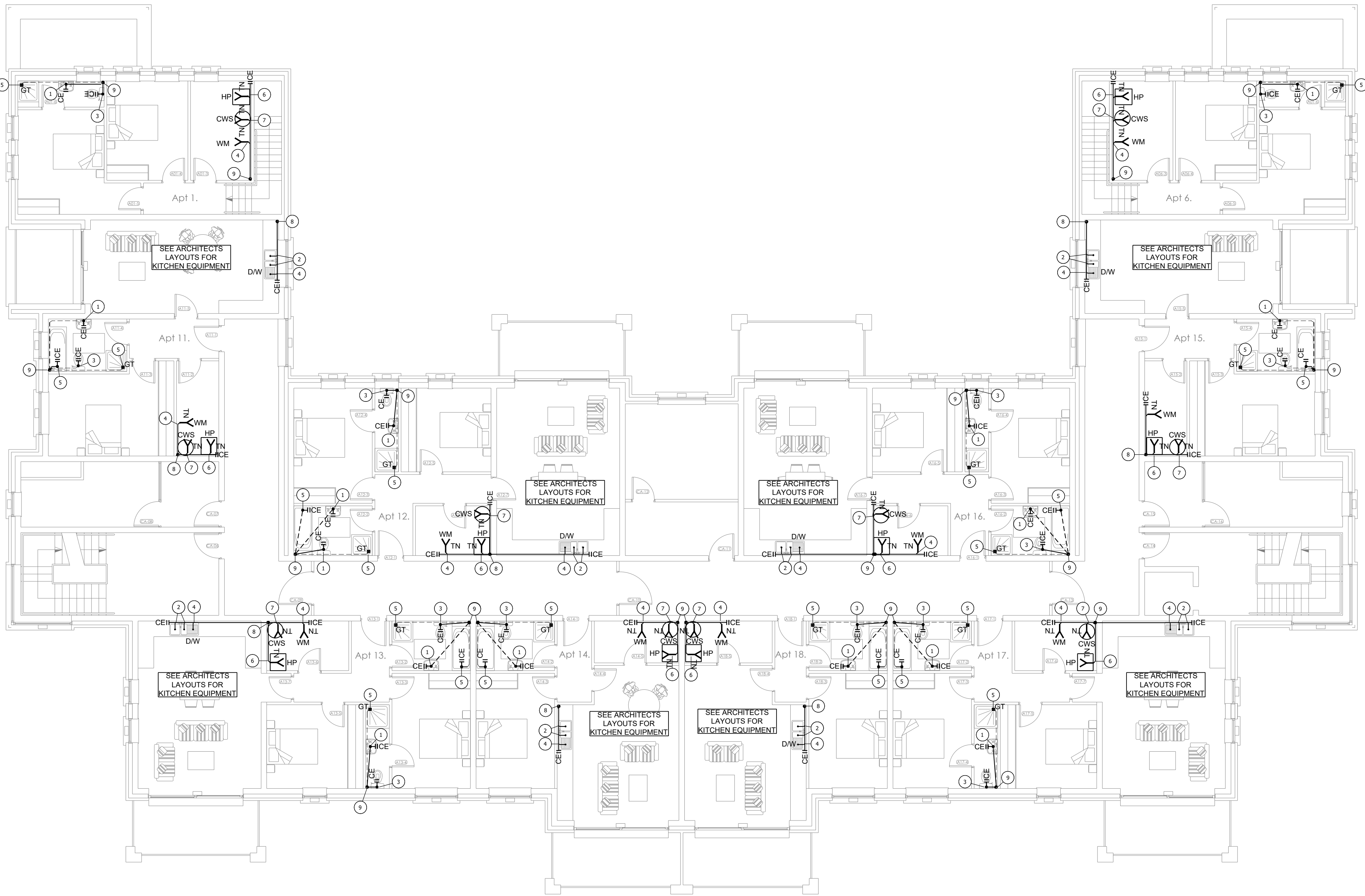




A TYPICAL DETAIL
PIPE PENETRATION THROUGH FLOOR
FOR PIPEWORK WITH Ø > 40mm

SPECIFICATION OF FIRE COLLARS

MAKE: NULL/FIRE
TYPE: B150
129 MINUTE SYSTEM SURFACE MOUNTED
COLLAR TO ALLOW FOR THERMAL MOVEMENT OF THE PIPE
FIXING BRACKETS MECHANICALLY ATTACHED TO COLLAR HOUSING
COLLAR TO PROVIDE EFFECTIVE COLD SMOKE SEAL ALSO
MATERIAL: GALVANISED MILD STEEL
SUITABLE FOR 100 UPVC PIPEWORK INSTALLATION IN MASONARY FLOORS
TESTED IN ACCORDANCE WITH EN 1366-3
2 HOUR FIRE RESISTANT
CLASSIFICATION EN 13501

SPECIFICATION OF FLOOR GULLY

REF: FG
KENT KVT 162 / 110 FLOOR GULLY
304 STAINLESS STEEL
FLOW RATE: 1.3 LITERS / SEC
GRILLE COMPLETE WITH REMOVAL GRATING, 2WAY ADJUSTMENT, HEIGHT
ADJUSTMENT 50mm, ROTATION 360°, EPDM SEALS & FOUL AIR TRAP
KFT110

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General notes:

This drawing to be read in conjunction with all relevant architectural drawings and specifications.

This drawing to be read in conjunction with all relevant mechanical and electrical drawings and specifications.

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All dimensions in millimeters. do not scale from this drawing. only use figured dimensions only.

Contractor must verify all dimensions on site prior to installation of services and production of working drawings.

Standard notes:

- All waste pipes from WHB's to be 32mm & c/w matching u traps and piping accessories.
- All waste pipes from Sink's to be 38mm & c/w matching u traps and piping accessories.
- All soil pipes from WC's to be 100mm & c/w piping accessories.
- All bends & changes in direction to be complete with cleaning eyes (CE). All bends to be the easy sweep type. All cleaning eyes (CE) to be accessible for maintenance.
- Contractor to refer to Architect and Structural Engineers drawings for details of all below ground drainage details. this drawing only indicates above ground drainage.

Legend:

SYMBOL	DESCRIPTION
---	PIPEWORK IN FLOOR VOID
---	PIPEWMOORK AT LOW LEVEL
---	PIPEWORK AT HIGH LEVEL
---	PIPEWORK IN CEILING VOID
●HICE	CLEANING EYE
—(FC)	FIRE COLLAR
CTBU	CONNECT TO BUILDERS UPSTAND
SVP	SOIL & VENT PIPE
DTLL	DROP TO LOW LEVEL
FG	FLOOR GULLY
RTHL	RISE TO HIGH LEVEL
RIFD	RUN IN FLOOR DUCT/VOID
TA	TO ABOVE
TB	TO BELOW
FA	FROM ABOVE
FB	FROM BELOW
CT	CONNECT TO
OF	OVER FLOW
RT	RUNNING TRAP

Keyed notes:

- All waste pipes from WHB's to be 32mm & c/w matching u traps and piping accessories connect to waste float.
- All waste pipes from Sink's to be 38mm & c/w matching u traps and piping accessories connect 50mm Waste Float. *Note exact locations for equipment to be agreed with on site.
- All soil pipes from WC's to be 100mm & c/w piping accessories connect to SVP.
- All waste pipes from Kitchen & Utility Equipment (Dishwashers, Washing Machines, Fridges etc) to be 38mm c/w piping accessories connect to 50mm Waste Float.
- Waste from Baths / Showers to be 38mm c/w matching u traps and piping accessories connect to 50mm Float.
- 32mm Condensate from Heat Pump Tundish connect to 50mm Float.
- 32mm Overflow Waste from Cold Water Tank connect 50mm Float.
- 50mm Waste float drop to below
- 100mm SVP from below to above.

NOTE:

FIRE COLLAR TO BE PROVIDED ON ALL SOILS & WASTE PIPES WITH A GREATER DIAMETER OF 40mm

SPECIFICATION OF SOIL & WASTE PIPEWORK (WAVIN)

- THE SOIL PIPE 'WAVIN SOIL' SHALL BE STRUCTURE WALL CONSTRUCTION MANUFACTURED IN ACCORDANCE WITH EN1453-1:2000, AND COMPRISING PVC-U SMOOTH INTERNAL AND EXTERNAL LAYERS WITH 50% RECYCLED PVC-U CORE.
- THE SOIL PIPE 'WAVIN SOIL' SHALL HAVE THE FOLLOWING DIMENSIONS:

Nominal Diameter (mm)	Wall Thickness (mm)		Average Weight (Kg/m)
	Min	Max	
110	3.2	3.5	1.64
160	3.2	3.9	2.44

- THE SOIL PIPE 'WAVIN SOIL' SHALL BE EITHER PLAIN ENDED SOLVENT WELD SYSTEM OR HAVE A SINGLE SOCKET COMPLETE WITH A FIXED RING-SEAL SYSTEM.
- THE SOIL PIPE 'WAVIN SOIL' SHALL BEAR A QUALITY MARK DESIGNATION SUCH AS THE KITEMARK OR EQUIVALENT, WITH ACCOMPANYING CERTIFICATION DEMONSTRATING THIRD PARTY INDEPENDENT CONFORMANCE TO EN1453-1:2000.
- THE ACCOMPANYING SOIL FITTINGS 'WAVIN SOIL FITTINGS' SHALL BE PVC-U SOLID WALL CONSTRUCTION MANUFACTURED IN ACCORDANCE WITH BS EN1329-1:2000.
- THE SOIL FITTINGS 'WAVIN SOIL FITTINGS' SHALL BE COMPATIBLE FOR USE WITH 'WAVIN SOIL' IN EITHER SOLVENT WELD OR FIXED RING SEAL SYSTEM IN NOMINAL DIAMETERS 110MM AND 160MM.
- THE SOIL FITTINGS 'WAVIN SOIL FITTINGS' SHALL HAVE BOSSED CONNECTORS FOR 32MM WASTE PIPE AND ADAPTORS FOR 32MM AND 40MM RESPECTIVELY, WITH KEYWAY TO ENSURE FALL IN WASTE PIPE AND INCLUDE 6 BOSSED MANIFOLD FITTING.
- THE SOIL PIPE FITTINGS 'WAVIN SOIL FITTINGS' SHALL BEAR A QUALITY MARK DESIGNATION SUCH AS THE KITEMARK OR EQUIVALENT, WITH ACCOMPANYING CERTIFICATION DEMONSTRATING THIRD PARTY INDEPENDENT CONFORMANCE TO BS EN1329-1:2000.
- THE SOIL PIPE AND FITTINGS SYSTEM 'WAVIN SOIL' SHALL BE COLOUR BLACK / GREY / WHITE AND MANUFACTURED IN ACCORDANCE WITH QUALITY MANAGEMENT SYSTEM IS EN ISO 9001:2008 AND ENVIRONMENTAL QUALITY SYSTEM IS EN ISO14001:2004.

IF1	Issued for Information	06/12/2024
Rev	Description	Date



Client: DW Raheen Developments LTD

Architect: Gleeson Mcsweeney

Project: Res. Dev. At Ballykeefe Raheen, Limerick

Drawing: Mechanical Installation
Apartment Block A/B
Soils & Waste - First Floor

Proj Ref | 24.2784 Drg Ref | M301AB Scale | 1:100 A1

Drawn | PM Checked | JM Approved | JM

Drawing Status:
Preliminary ☐ Planning Stage ☐ Tender Issue ☐
For information ☒ Construction Stage ☐ Contract Issue ☐