FOUL SEWER DRAINAGE TABLE

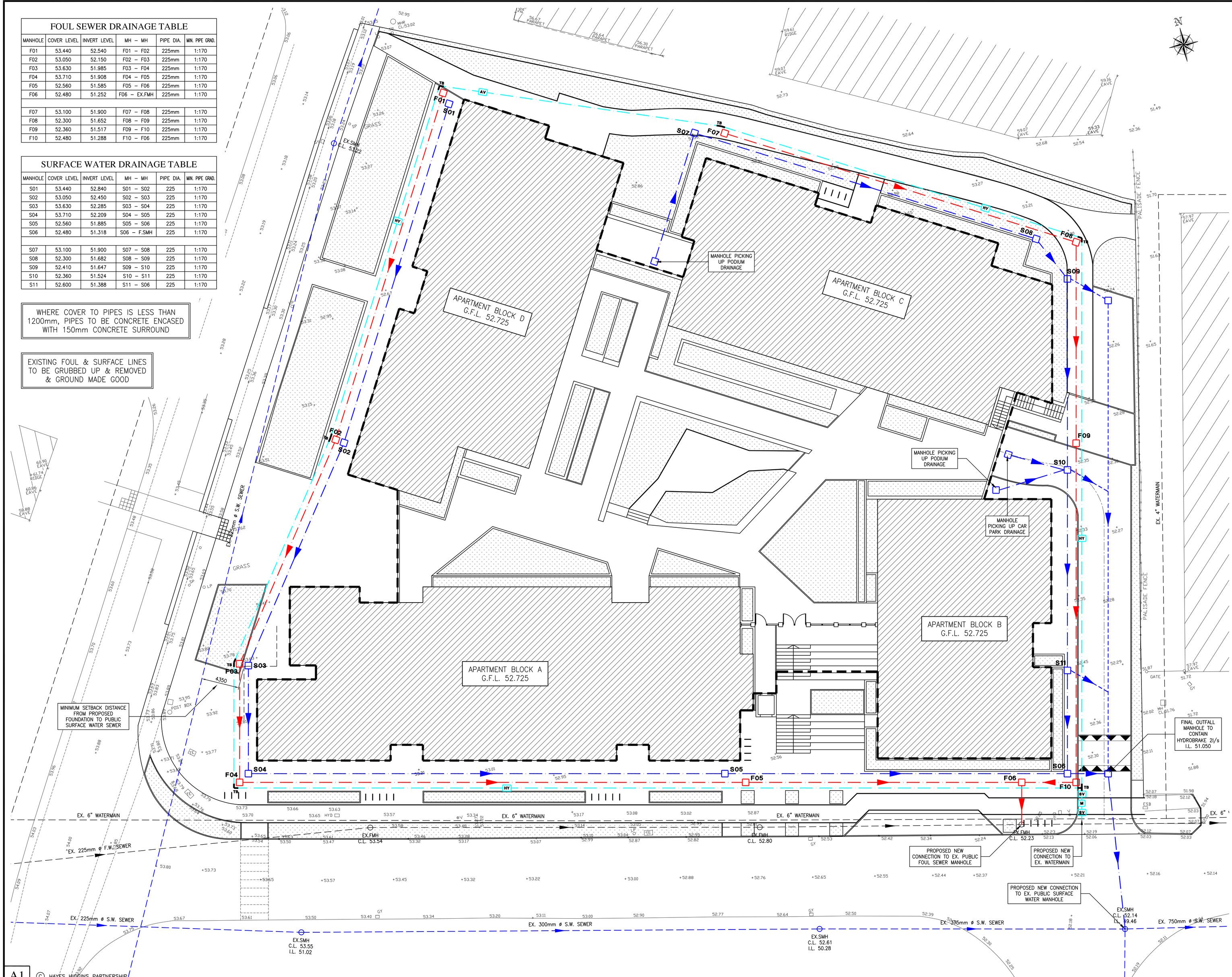
MANHOLE	COVER LEVEL	INVERT LEVEL	MH – MH	PIPE DIA.	MIN. PIPE GRAD.
F01	53.440	52.540	F01 – F02	225mm	1:170
F02	53.050	52.150	F02 – F03	225mm	1:170
F03	53.630	51.985	F03 – F04	225mm	1:170
F04	53.710	51.908	F04 – F05	225mm	1:170
F05	52.560	51.585	F05 – F06	225mm	1:170
F06	52.480	51.252	F06 – EX.FMH	225mm	1:170
F07	53.100	51.900	F07 – F08	225mm	1:170
F08	52.300	51.652	F08 – F09	225mm	1:170
F09	52.360	51.517	F09 – F10	225mm	1:170
F10	52.480	51.288	F10 – F06	225mm	1:170

SURFACE WATER DRAINAGE TABLE

MANHOLE	COVER LEVEL	INVERT LEVEL	MH – MH	PIPE DIA.	MIN. PIPE GRAD.
S01	53.440	52.840	S01 – S02	225	1:170
S02	53.050	52.450	S02 – S03	225	1:170
S03	53.630	52.285	S03 – S04	225	1:170
S04	53.710	52.209	S04 – S05	225	1:170
S05	52.560	51.885	S05 – S06	225	1:170
S06	52.480	51.318	S06 – F.SMH	225	1:170
S07	53.100	51.900	S07 – S08	225	1:170
S08	52.300	51.682	S08 – S09	225	1:170
S09	52.410	51.647	S09 – S10	225	1:170
S10	52.360	51.524	S10 – S11	225	1:170
S11	52.600	51.388	S11 – S06	225	1:170

WHERE COVER TO PIPES IS LESS THAN 1200mm, PIPES TO BE CONCRETE ENCASED WITH 150mm CONCRETE SURROUND

EXISTING FOUL & SURFACE LINES TO BE GRUBBED UP & REMOVED & GROUND MADE GOOD



NOTES

GENERAL

1.) THESE DRAWINGS TO BE READ IN CONJUNCTION WITH ALL RELEVANT HAYES HIGGINS ENGINEERING DRAWINGS AND SPECIFICATIONS.

2.) DO NOT SCALE. USE FIGURED DIMENSIONS ONLY.

3.) ALL DRAINAGE TO BE SUBMITTED AND AGREED WITH SOUTH DUBLIN COUNTY COUNCIL PRIOR TO COMMENCEMENT OF WORKS.

4.) CONTRACTOR TO TRACE ALL SERVICES WITHIN SITE BOUNDARY TO ASCERTAIN OUTFALL LOCATIONS OF ALL DRAIN RUNS & LOCATION OF ALL LIVE SERVICES PRIOR TO COMMENCEMENT OF SITE CLEARANCE WORKS.

5.) PIPES LAID IN ROADWAYS TO BE ENCASED IN 150mm CONCRETE WHERE COVER TO PIPE IS LESS THAN 1.2m. PIPES LAID IN OPEN SPACES TO BE ENCASED IN 150mm CONCRETE WHERE COVER TO PIPE IS LESS THAN 0.9m.

6.) MANHOLES/MAIN DRAINAGE SERVING SAME TO BE CONFIRMED AT DESIGN STAGE.

7.) RW OUTLETS AND AJ'S TO BE PROVIDED IN ACCORDANCE WITH DOWNPIPE LOCATIONS INDICATED ON ARCHITECTS DRAWINGS.

8.) CONTRACTOR TO ENSURE FULL COORDINATION WITH ALL OTHER UNDERGROUND SERVICES PRIOR TO THE COMMENCEMENT OF WORKS.

9.) RW OUTLETS, AJ, GULLY (AND MANHOLE) LOCATIONS ARE SUBJECT TO APPROVAL PRIOR TO INSTALLATION. 1No. GULLY REQUIRED FOR EVERY 200m3 HARD STANDING MIN.

10.) FOUL DRAINAGE SYSTEM TO IRISH WATER SPECIFICATIONS (IW-CDS-5030-01, 02 & 03),

11.) MAINS WATER SYSTEM TO IRISH WATER SPECIFICATIONS (IW-CDS-5020-01, 02 & 03).

12.) WATER SUPPLY TO BE METERED, LOCATION OF WATER METER TO BE TO THE AGREEMENT OF IRISH WATER & SOUTH DUBLIN COUNTY COUNCIL WATER SERVICES DIVISION. REFER TO IRISH WATER INFRASTRUCTURE STANDARD DETAILS. REFER TO IW COP FOR WATER INFRASTRUCTURE.

13.) THE HYDRANT LOCATIONS CURRENTLY SHOWN ARE FOR INDICATIVE PURPOSES ONLY. A MORE DETAILED ASSESSMENT WILL BE CARRIED OUT AT THE NEXT DESIGN STAGE,

DRAINAGE LEGEND

- EXISTING FOUL WATER SEWER
- EXISTING SURFACE WATER SEWER
- EXISTING WATERMAIN
- PROPOSED uPVC FOUL WATER SEWER
- PROPOSED uPVC SURFACE WATER SEWER
- PROPOSED uPVC PERFORATED SURFACE WATER SEWER
- PROPOSED 100mm ø HDPE WATERMAIN
- HY NEW HYDRANT
- SV SLUICE VAVLE
- M WATER METER
- AV AIR VAVLE
- TB THRUST BLOCK

REV	DATE	DESCRIPTION	DWG BY	APPR. BY
P3	15.03.23	LAYOUT UPDATED FOR PLANNING	ROC	LM
P2	07.11.22	LAYOUT UPDATED FOR PLANNING	ROC	LM
P1	23.11.21	LAYOUT UPDATED FOR PLANNING	ROC	LM
P	23.04.21	ISSUED FOR PLANNING	ROC	LM

ISSUED
PLANNING

CLIENT
AAI PALMERSTOWN LIMITED

PROJECT NAME
APARTMENTS AT UNITS 64 & 65
CHERRY ORCHARD INDUSTRIAL ESTATE

DRAWING NAME
PROPOSED DRAINAGE LAYOUT

PROJECT No.
20D018

DRAWING No.	REVISION
03	P3

SCALE	DRAWN DATE
1:200	22.04.20

CAD DRAWN BY	CHECKED BY	APPROVED BY
R.O.C.	L.M.	R.L.

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