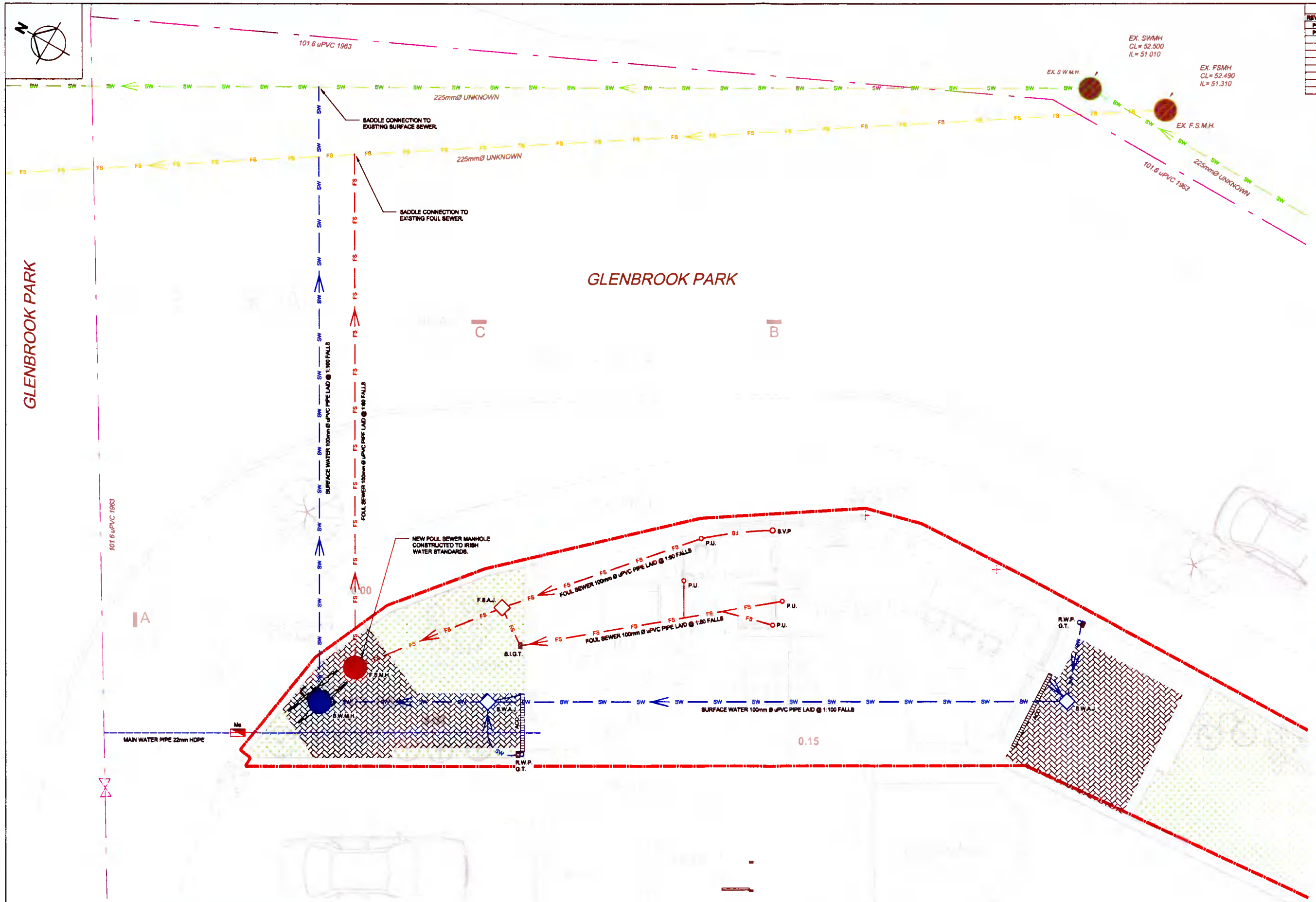
REVISION SCHEDULE

REV. NO.	REV. DESCRIPTION	REV. DATE	DRAWN	CHECKED
PL1	PLANNING ISSUE	03/11/2021	TGB	AG
PL2	PLANNING ISSUE	15/11/2021	TGB	AG



C001 PROPOSED DRAINAGE GENERAL ARRANGEMENT
SCALE 1:50

DRAINAGE NOTES.

- FOUL SEWER (EXISTING)
- FOUL SEWER (NEW)
- SURFACE WATER SEWER (EXISTING)
- SURFACE WATER SEWER (NEW)
- COMBINED SEWER (EXISTING)
- GREY WATER SEWER (EXISTING)
- GREY WATER SEWER (NEW)
- FOUL SEWER RISING MAIN (NEW)
- SURFACE WATER RISING MAIN (NEW)
- GREY WATER RISING MAIN (NEW)
- EXISTING SEWER TO BE DECOMISSIONED
- WATER MAIN (EXISTING)
- WATER MAIN (PROPOSED)
- FLOOD PIPES (PROPOSED)
- F.S.M.H. FOUL SEWER MANHOLE (NEW)
- S.W.M.H. SURFACE WATER MANHOLE (NEW)
- EX. F.S.M.H. FOUL SEWER MANHOLE (EXISTING)
- EX. S.W.M.H. SURFACE WATER MANHOLE (EXISTING)
- M.H. MANHOLE TO BE DEMOLISHED (EXISTING)
- EX. C.M.H. COMBINED SEWER MANHOLE (EXISTING)
- R.W.P. RAIN WATER DOWN PIPE (NEW)
- EX. R.W.P. RAIN WATER DOWN PIPE (EXISTING)
- P.U. POP UP (NEW)
- EX. P.U. POP UP (EXISTING)
- S.V.P. SOIL VENT PIPE (NEW)
- EX. S.V.P. SOIL VENT PIPE (EXISTING)
- F.S.A.J. FOUL SEWER ADJACENT JUNCTION (NEW)
- S.W.A.J. SURFACE WATER ADJACENT JUNCTION (NEW)
- EX. A.J. EXISTING ADJACENT JUNCTION (EXISTING)
- F.S.I.C. FOUL SEWER INSPECTOR CHAMBER (NEW)
- S.W.I.C. SURFACE WATER INSPECTOR CHAMBER (NEW)
- EX. I.C. EXISTING INSPECTOR CHAMBER (EXISTING)
- G.T. GULLY TRAP (NEW)
- F.G. FLOOR GULLY (NEW)
- B.I.G.T. BACK INLET GULLY TRAP (NEW)
- EX. G.T. GULLY TRAP (EXISTING)
- ACO ACO DRAINAGE CHANNEL (NEW)

NOTES:
- ALL FOUL PIPES ARE 100mm Ø @ 1:80 U.N.O.
- ALL SURFACE WATER PIPES ARE 100mm Ø @ 1:100 U.N.O.
- ACO CHANNEL PROVIDED AT DOOR TO PAVED AREA.

LEGEND:
- SITE BOUNDARY

FINISHES LEGEND:
- PERMEABLE PAVERS
- LANDSCAPING/GRASS OR SIMILAR

ROOF SURFACING LEGEND:
- SEDUM / GREEN LANDSCAPING ROOF
- PITCHED ROOF

DRAINAGE NOTES.

1. READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECT'S AND ENGINEER'S DRAWINGS.
2. MANHOLE AND ROAD GULLY DETAILS TO COMPLY WITH SOUTH DUBLIN CITY COUNCIL'S STANDARD DETAILS.
3. ALL PIPES TO BE WAVIN uPVC OR SIMILAR SAVE FOR SEWERS IN PUBLIC ROADWAY WHICH ARE TO BE CLAY.
4. WHERE COVER TO PIPES IS LESS THAN 1.2m IN ROADS, 1.0m IN PUBLIC AREAS AND 0.8M IN GRASS/SOFT LANDSCAPED AREAS, SURROUND THE PIPE UP TO 150mm WITH 100mm CONCRETE AND LARGER PIPES WITH 150mm CONC.
5. BACK-FILL TRENCHES IN ROADS WITH MOT STONE COMPACTED IN LAYERS.
6. CLOSE ROAD GULLIES IN THE DIRECTION OF TRAFFIC FLOW.
7. ADJUST FOUNDATION DEPTHS, AS NECESSARY, ADJACENT TO SEWERS TO AVOID UNDERMINING OF THE FOUNDATIONS.
8. DO NOT SET OUT FROM THIS DRAWING. SETTING OUT TO BE DONE FROM ARCHITECT'S DRAWINGS.
9. MANHOLE COVERS AND FRAMES SHALL COMPLY WITH THE LA STANDARD PATTERN WITH MIN OPENING OF 600mm & WITH CLOSED KEYWAYS. HEAVY DUTY TYPE A MANHOLES IN ALL TRAFFICKED AREAS AND MEDIUM DUTY TYPE B ELSEWHERE, TO BS EN124. TYPE C MAY BE USED IN ENCLOSED PRIVATE GARDENS.
10. DOUBLE GULLIES, WITH SEPARATE CONNECTIONS TO MAIN, TO BE PROVIDED AT LOW POINTS AND AT THE ENDS OF CUL DE SACS. MAXIMUM RUN OF PIPE 15m. MINIMUM PIPE DIAMETER 150mm. MAXIMUM GULLY SPACING FOR ROADS UP TO 7m WIDE TO BE 30m UNO.
11. MANHOLES ON HOUSE DRAINS TO BE IN PRIVATE PROPERTY. HOUSE DRAINS SHALL NOT PASS THROUGH PROPERTY THEY DO NOT SERVE.
12. RECORD DRAWINGS OF THE AS CONSTRUCTED WORK SHALL BE MADE AVAILABLE TO CORA AT THE END OF THE PROJECT.

Drawing Stage: PLANNING

Project Details:	
Site Address:	63 GLENBROOK PARK, RATHFARNHAM, Co. DUBLIN
Client:	-
Architect:	AOIFE TUOMEY ARCHITECTS
M&E Designer:	-
Contractor:	-

Notes

Drawn by:	Checked by:	Approved by:	Date:
TGB	AG	JP	03/11/2021

Project Name: 63 GLENBROOK PARK | Scale: 1:50 @ A1 | Project Number: 21787

Drawing Title: PROPOSED DRAINAGE GA PLAN | Project: - | Originator: CORA | Zone: - | Level: 00 | Type: DR | Discipline: C | Drawing No: 001 | Stage: PL | Revision: 02

CORA CONSULTING ENGINEERS
Behan House, 10 Lower Mount Street, Dublin 2. D02 HT71
Tel: +353 1 661 1100
e-mail: info@cora.ie
Web: www.cora.ie