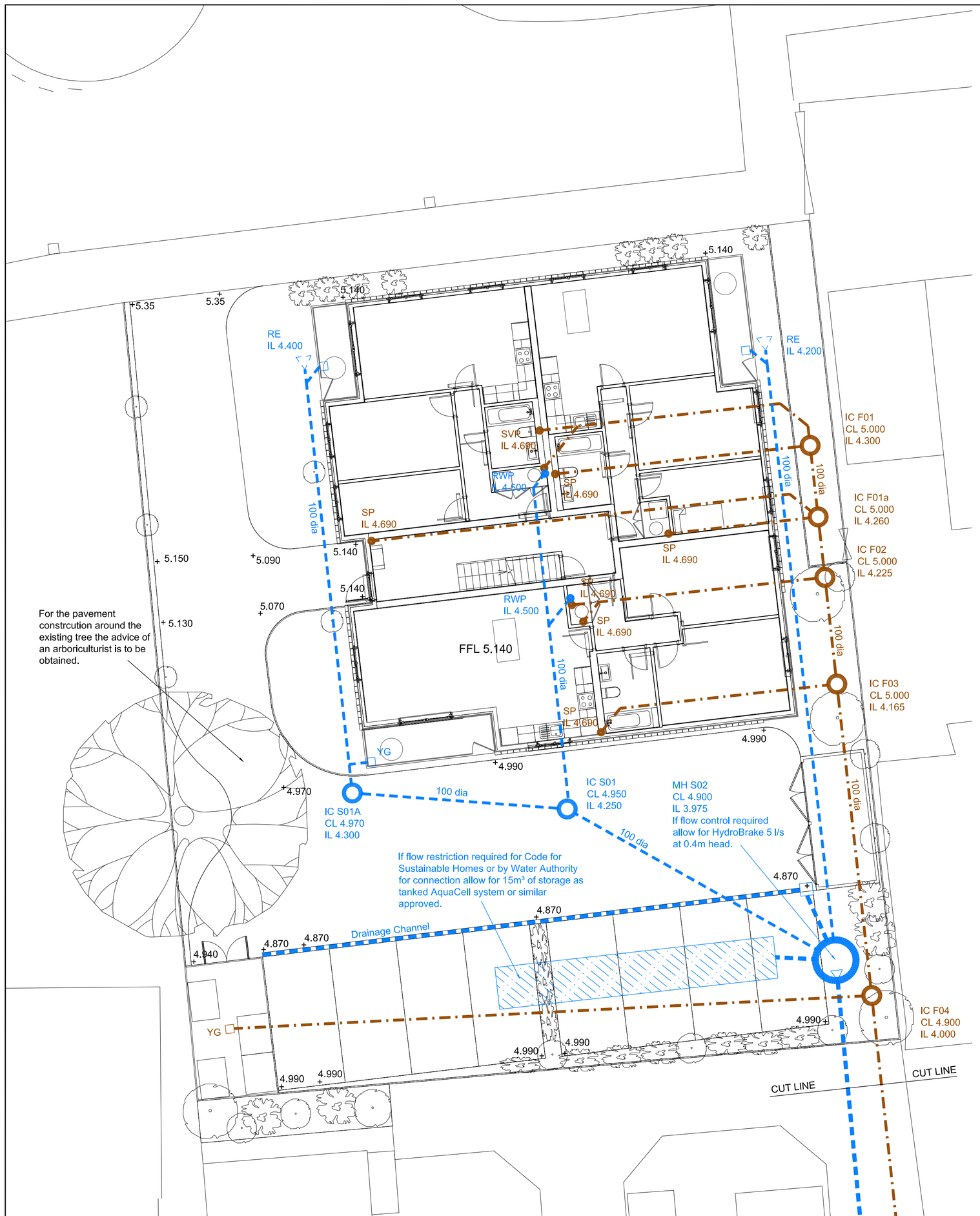
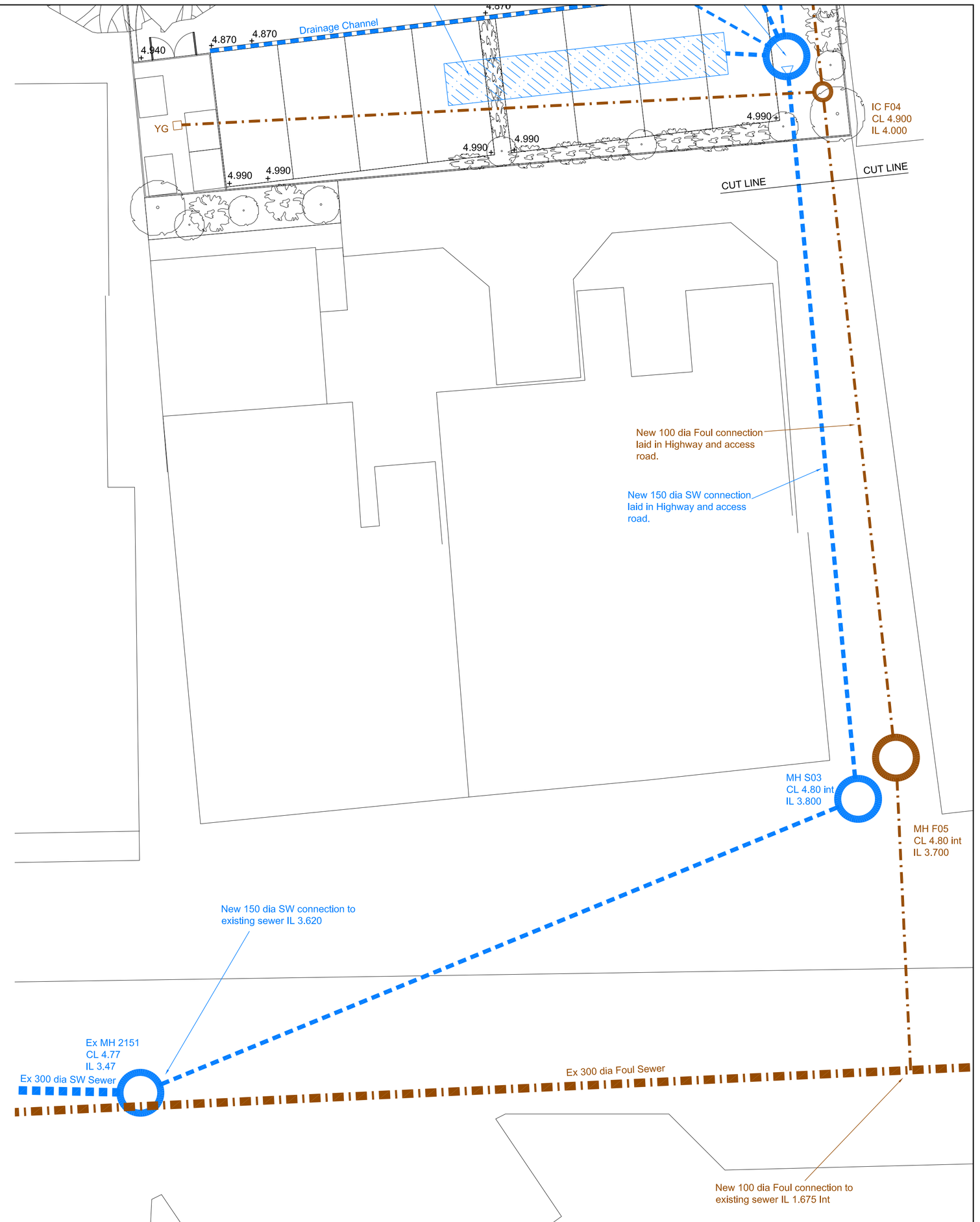


LAYOUT PLAN 1:100
On Site Drainage



LAYOUT PLAN 1:100
Off Site Drainage

INFORMATION REQUIRED

1. CONFIRMATION THAT YARD GULL REQUIED IN BIN STORE.

NOTES

1. CDM REGULATION: NO DRAWING OR OTHER DESIGN INFORMATION SHOULD BE READ WITHOUT REFERENCE TO THE HEALTH AND SAFETY PLAN.
2. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECTS, ENGINEERS AND SPECIALIST SUB-CONTRACTORS DRAWINGS AND SPECIFICATIONS AND EMPLOYER'S SPECIFICATION. ANY DISCREPANCIES BETWEEN THESE DRAWINGS ARE TO BE REPORTED IMMEDIATELY.
3. SITE IS TO VERIFY ALL DIMENSIONS PRIOR TO CONSTRUCTION.
4. THIS DRAWING IS NOT TO BE SCALED IN HARD FORMAT AND/OR ELECTRONIC FORMAT.

DRAINAGE NOTES

1. INVERT LEVELS AND POSITIONS OF EXISTING DRAINS / CHAMBERS / SEWERS WHERE NEW CONNECTIONS ARE TO BE MADE MUST BE CHECKED AND CONFIRMED TO THE ENGINEER PRIOR TO THE COMMENCEMENT OF ANY WORKS.
2. THE CONTRACTOR IS MAKE APPLICATION TO THE WATER AUTHORITY FOR THE DIRECT OR INDIRECT CONNECTIONS FOR THE FOUL AND SURFACE WATER TO THE PUBLIC SEWERS.
3. ALL DRAINAGE WORKS SHALL BE CARRIED OUT IN ACCORDANCE WITH THE REQUIREMENTS OF THE LOCAL AUTHORITY AND IN CONJUNCTION WITH ALL RELEVANT BRITISH STANDARDS, CODES OF PRACTICE, 'SEWERS FOR ADOPTION' AND PART H OF THE BUILDING REGULATIONS AS APPROPRIATE.
4. ALL DRAINAGE SHALL COMPLY WITH THE TYPICAL DETAILS AND THE REQUIREMENTS OF BSEN 752.
5. ALL EXISTING DRAINS WHICH ARE NOT INCORPORATED IN THE NEW DESIGN AND WHICH ARE NOT REQUIRED TO BE DEMOLISHED DURING CONSTRUCTION OF THE NEW WORKS, SHALL BE FILLED BY INJECTING A 10:1 MIX BY WEIGHT OF PULVERISED FUEL ASH TO ORDINARY PORTLAND CEMENT WITH SUFFICIENT WATER ADDED TO GIVE A CREAMY CONSISTENCY AND ENSURE OPTIMUM COMPACTION. CARE SHALL BE TAKEN TO DRAW OFF ANY EXCESS WATER AFTER THE MIX HAS BEEN PLACED. THE SLURRY SHALL BE TRANSFERRED BY A SUITABLE CHUTE TO THE DRAIN THROUGH A 25mm MESH SCREEN TO PREVENT BLOCKAGE.
6. FOR SETTING-OUT DIMENSIONS OF SVP'S, RWP'S ETC. REFER TO ARCHITECT'S OR MECHANICAL ENGINEER'S DRAWINGS.
7. SEWERS UP TO 300mm DIAMETER TO BE VITRIFIED CLAY, EXTRA STRENGTH TO BSEN 295 OR BS 65 WITH PLAIN ENDED SLEEVED OR SOCKETED FLEXIBLE JOINTS OR PLASTIC TO BS 4660 AND BSEN 1401-1. ALL SEWERS OF 375mm DIAMETER AND OVER, TO BE SULPHATE RESISTING CONCRETE CLASS M WITH SOCKETED FLEXIBLE JOINTS. ALL PLASTIC PIPEWORK SHALL BE CAPABLE OF DEMONSTRATING A JETTING RESISTANCE OF 4000psi (280bar) WITHOUT DAMAGE WHEN TESTED IN ACCORDANCE WITH WITH SECTION 6.10 OF WIS 4-35-01.
8. INVERTS OF INCOMING BRANCHES SHALL BE AT SPRINGING LEVEL TO THE MAIN PIPE AND FORMED GENERALLY USING CHANNEL PIPES AND SLIPPER BENDS, CUT TO SUIT.
9. ALL PRECAST CONCRETE UNITS USED IN THE DRAINAGE WORKS SHALL BE MANUFACTURED USING SULPHATE RESISTING CEMENT.
10. MANHOLE COVERS AND FRAMES IN VEHICULAR AREAS SHALL BE CAST IRON TO BSEN 124, GRADE D400 AND IN PEDESTRIAN AREAS GRADE B125. COVERS AND FRAMES IN BLOCK PAVED AREAS SHALL BE RECESSED FABRICATED STEEL AS MANUFACTURED BY DRAINAGE SYSTEMS, LIST NO. 6333, OR SIMILAR APPROVED.
11. COVER LEVELS ARE TO ADJUSTED LOCALLY TO SUIT FINISHED GROUND LEVELS.
12. DRAINAGE CHANNELS SHALL BE LAID STRICTLY IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS WITH PARTICULAR CARE BEING TAKEN TO PREVENT DAMAGE DURING INSTALLATION, PAVEMENT CONSTRUCTION OR SURFACING ETC.
13. ALL ROAD GULLY AND DRAINAGE CHANNEL CONNECTIONS SHALL BE 150mm DIAMETER UNLESS OTHERWISE SPECIFIED.
14. ALL FOUL AND RAIN WATER PIPE CONNECTIONS SHALL BE 100mm DIAMETER UNLESS OTHERWISE SPECIFIED.
15. INTERNAL DRAINAGE SHOWN IS INDICATIVE. FINAL DESIGN SUBJECT TO FINAL INTERNAL LAYOUT.

Rev	Date	Description	Drn	Chk'd
T1	12/05/16	TENDER ISSUE DRAINAGE AMENDED	GHB	TS
P2	21/03/16	DRAINAGE FOR PATIOS ADDED	GHB	TS
P1	01/03/16	DRAFT FOR COMMENT	GHB	TS

Revisions

Drawing Originator

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Drawing Status: TENDER

Client Sign Off:

Project Name
MENGHAM ROAD
HAYLING ISLAND

Drawn by	Drawn Date	Checked by	Checked Date
GHB	MAR 16	TS	MAR 16

Approved by	Approved Date	Scale
		1:100

Title: DRAINAGE LAYOUT PLAN

Original drawing sheet is A1

Drawing Number: 21598/103

Revision: T1