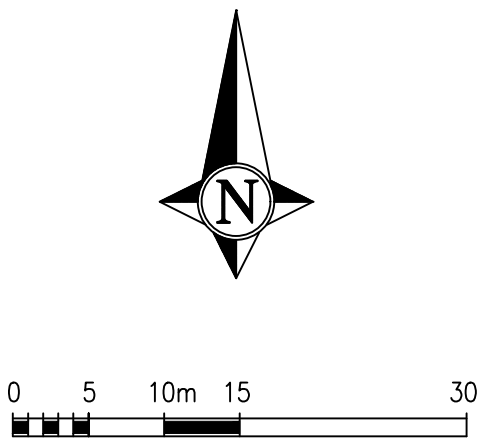




NOTES

- THIS DRAWING IS COPYRIGHT.
- THE CONTRACTOR AND HIS SUBCONTRACTOR ARE TO VERIFY ALL DIMENSIONS ON SITE PRIOR TO MAKING SHOP DRAWINGS OR COMMENCING MANUFACTURE.
- DO NOT SCALE THIS DRAWING. THE CONTRACTOR IS TO BRING TO THE NOTICE OF THE ENGINEER ANY DISCREPANCIES CONTAINED IN THIS DRAWING PRIOR TO WORK COMMENCEMENT.
- ALL 150mm AND 225mm DIAMETER PIPES TO BE EXTRA STRENGTH VITRIFIED CLAY PIPES (SEE NOTE 15).
- ALL PIPES OF 300mm DIAMETER OR GREATER TO BE CLASS M CONCRETE.
- ALL PIPE MATERIALS TO BE CONSISTENT BETWEEN MANHOLES.
- ALL WORK IS TO BE CARRIED OUT IN ACCORDANCE WITH DGS, THE SPECIFICATION FOR HIGHWAY WORKS 1998 AND ALL SUBSEQUENT AMENDMENTS AND LOCAL AUTHORITIES DESIGN GUIDE. WHERE THERE IS CONFLICT BETWEEN THESE DOCUMENTS THE MATTER SHALL BE REFERRED TO THE ENGINEER.
- FOR CONSTRUCTION DETAILS OF MANHOLES AND SEWERS REFER TO DGS AND UNDERTAKERS STANDARD DETAILS WHICH CAN BE OBTAINED FROM THE LOCAL OFFICE.
- INVERT LEVELS OF EXISTING SEWERS TO BE CONFIRMED ON SITE BEFORE ANY SEWER WORK UNDERTAKEN. ANY DISCREPANCIES FOUND SHOULD BE NOTIFIED TO ENGINEERS.
- WHERE SEWERS HAVE LESS THAN 1.2m OF COVER UNDER ROADS AND 0.9m COVER ELSEWHERE PIPES ARE TO HAVE A 150mm PROTECTIVE CONCRETE SLAB ABOVE.
- PLASTIC CHAMBERS AND RINGS SHALL COMPLY WITH BS EN 13598-1 AND BS EN 13598-2 OR HAVE EQUIVALENT INDEPENDENT APPROVAL TO TABLE 11 OF APPROVED DOCUMENT H1 OF THE BUILDING REGULATIONS 2010.
- ORIENTATION OF ALL ACCESS AND INSPECTION CHAMBERS TO BE IN ACCORDANCE WITH NHBC TECHNICAL GUIDANCE 5.3/01.
- WHERE HOUSE DRAINAGE IS TAKEN THROUGH BLOCK, CARE IS TO BE TAKEN THAT FOUNDATION LEVELS AND DRAINAGE RUNS DO NOT CLASH.
- ALL ADAPTABLE MANHOLES TO HAVE A MINIMUM CLEAR OPENING OF 675mmx75mm AND GRADE D400 UNO.
- ALL BELOW GROUND DRAINAGE TO BE 100mmØ UNLESS OTHERWISE INDICATED WITH A MIN. GRADIENT AS FOLLOWS:-
S.W : 100mm Dia. 1:100
S.W : 150mm Dia. 1:150
F.W : 100mm Dia. 1:80
F.W : 150mm Dia. 1:150
- ALL ADAPTABLE DRAINAGE MATERIALS SHOULD COMPLY WITH THE REQUIREMENTS OF PART 6 CIVIL ENGINEERING SPECIFICATION INCLUDED WITH DGS.

LEGEND

- EXISTING MANHOLE
- EXISTING GULLY
- EXISTING FOUL SEWER
- PROPOSED SURFACE WATER MANHOLE
- PROPOSED FOUL WATER MANHOLE
- DENOTES ACCESS SUMP FOR KERB DRAINAGE
- PROPOSED GULLY CONNECTED TO FOUL DRAINAGE SYSTEM
- PROPOSED GULLY CONNECTED TO SURFACE WATER SYSTEM
- PROPOSED SURFACE WATER ACCESS CHAMBER (250mm DIA)
- PROPOSED FOUL WATER ACCESS CHAMBER (250mm DIA)
- PROPOSED SURFACE WATER INSPECTION CHAMBER (450mm DIA)
- PROPOSED FOUL WATER INSPECTION CHAMBER (450mm DIA)
- 150Ø ±1:150 DENOTES BELOW GROUND SURFACE WATER DRAINAGE
- 150Ø ±1:150 DENOTES BELOW GROUND FOUL DRAINAGE
- ACD PROPOSED DRAINAGE CHANNEL

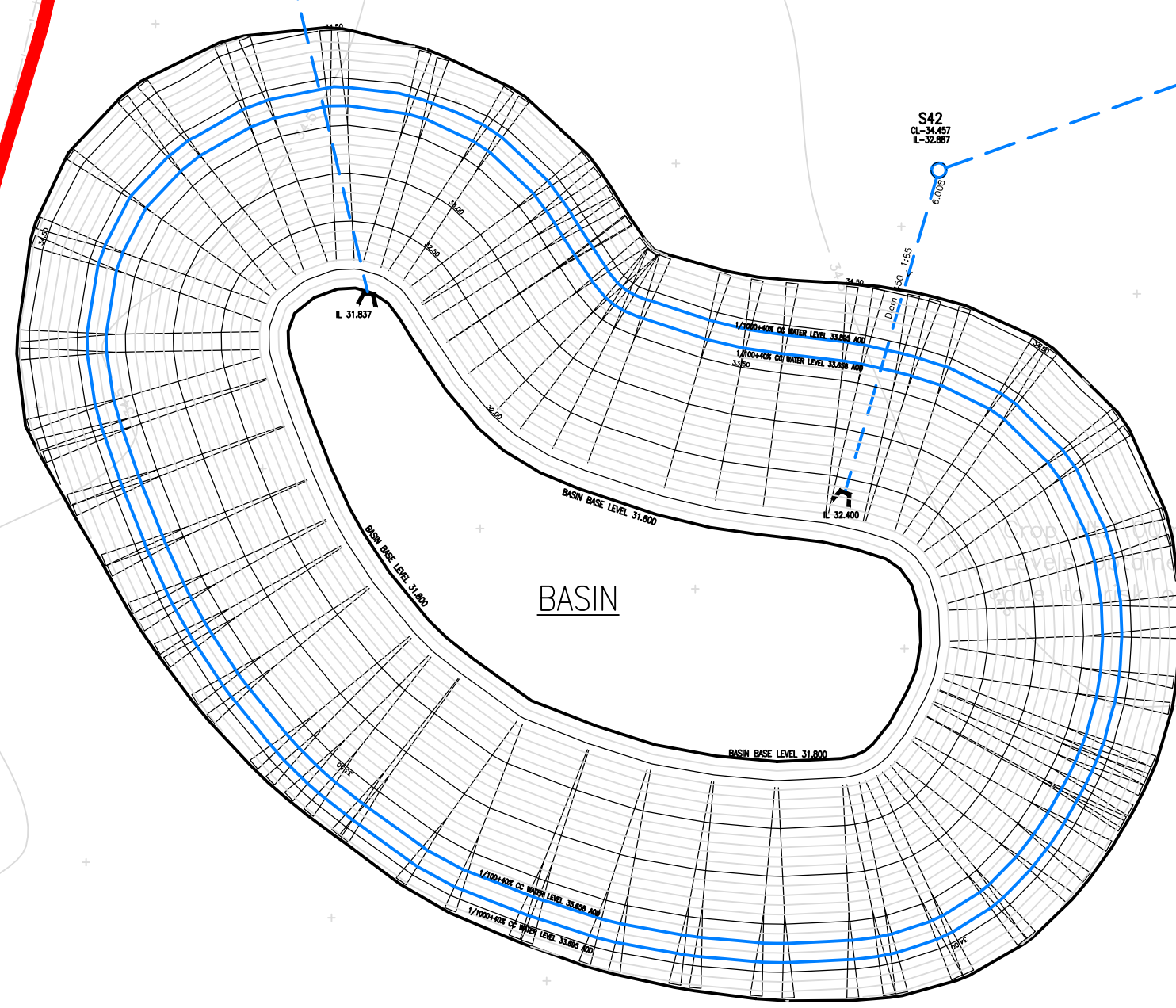
SUBJECT TO S104
TECHNICAL APPROVAL

HEALTH & SAFETY:

ALL WORKS TO BE CARRIED OUT BY A CONTRACTOR COMPETENT TO UNDERTAKE THE CONSTRUCTION OF WORKS AS INDICATED ON THIS DRAWING. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH THE JOB SPECIFIC RISK ASSESSMENT. THE HAZARDS NOTED ARE IN ADDITION TO THE NORMAL HAZARDS AND RISKS FACED BY A COMPETENT CONTRACTOR WHEN DEALING WITH THE TYPE OF WORKS DETAILED ON THIS DRAWING.

RISK SCHEDULE

ITEM	DESCRIPTION OF RISK OF ACTION
△	Specific health and safety risks associated with these works are highlighted with the caution symbol adjacent to the item of risk. Please refer to risk schedule contained on individual drawings.
	Unless highlighted there are no specific health and safety risks associated with these works, as a direct result of our design, apart from the common issues associated with construction that will need to be assessed by a competent contractor prior to the undertaking of any works.
△	The contractor should be aware of construction near existing water courses which should be carried out in accordance with Environment Agency Pollution Prevention Guidelines.



SEE BASIN DESIGN DWG. 155 FOR MORE DETAILS

C1 rev	20/08/2021	date	CONSTRUCTION ISSUE	description	DC	initials
Project						GOLD LANE, BIDDENHAM
Client / Architect						 dandara
Title						OVERALL DRAINAGE LAYOUT PHASE 1
date						MAY 2021
drawn						DC
checked						MPD
scale	1:500	size	A0	project no.	10562	drawing no.
revision					150	C1

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