

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.

NOTES

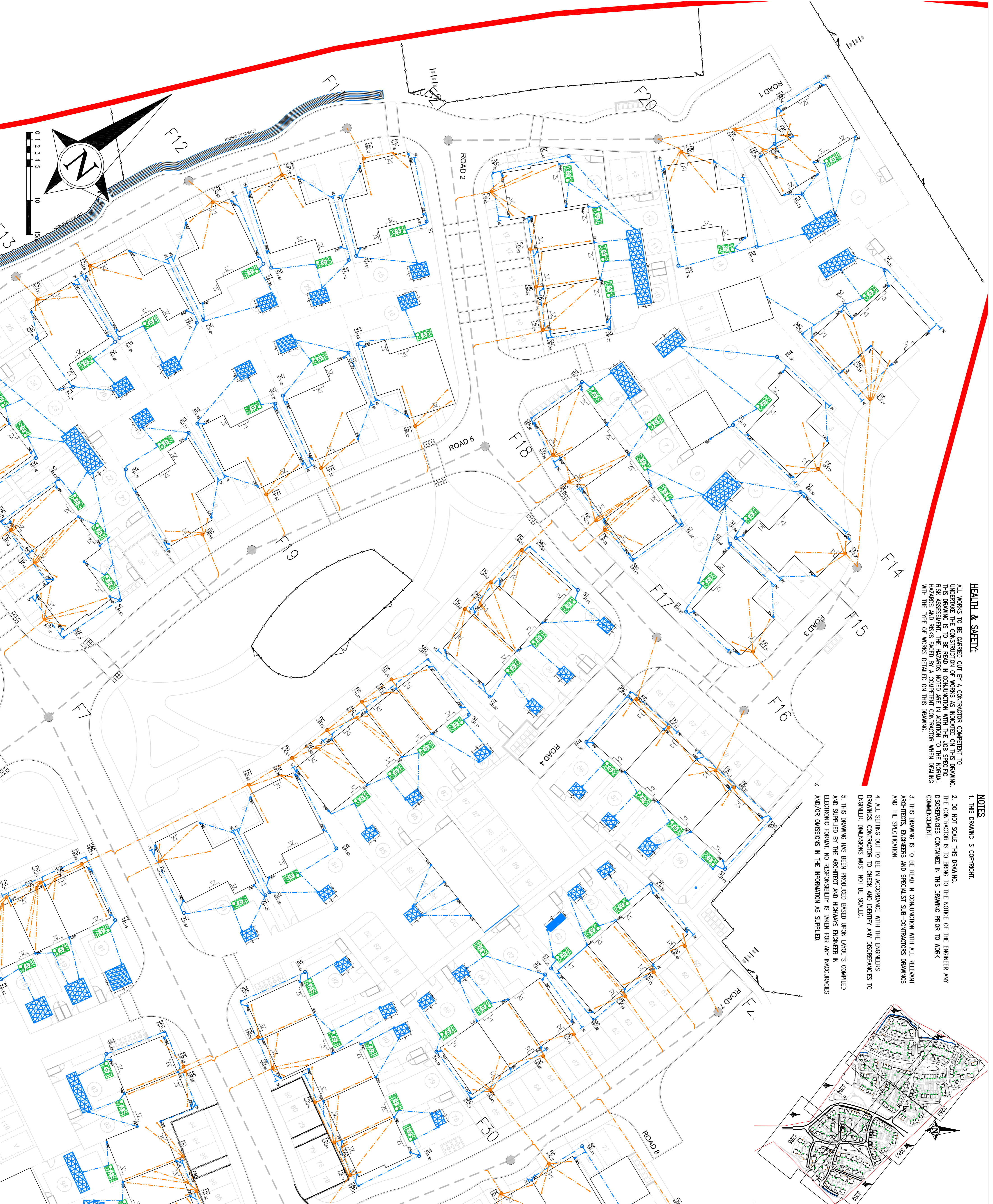
1. THIS DRAWING IS COPYRIGHT.
2. DO NOT SCALE THIS DRAWING. THE CONTRACTOR IS TO BRING TO THE NOTICE OF THE ENGINEER ANY DISCREPANCIES CONTAINED IN THIS DRAWING PRIOR TO WORK COMMENCEMENT.
3. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECTS, ENGINEERS AND SPECIALIST SUB-CONTRACTORS DRAWINGS AND THE SPECIFICATION.
4. ALL SETTING OUT TO BE IN ACCORDANCE WITH THE ENGINEERS DRAWINGS. CONTRACTOR TO CHECK AND IDENTIFY ANY DISCREPANCIES TO ENGINEER. DIMENSIONS MUST NOT BE SCALED.
5. THIS DRAWING HAS BEEN PRODUCED BASED UPON LAYOUTS COMPILED AND SUPPLIED BY THE ARCHITECT AND HIGHWAYS ENGINEER IN ELECTRONIC FORMAT. NO RESPONSIBILITY IS TAKEN FOR ANY INACCURACIES AND/OR OMISSIONS IN THE INFORMATION AS SUPPLIED.

NOTES

1. THIS DRAWING IS COPYRIGHT.
2. THE CONTRACTOR AND HIS SUBCONTRACTOR ARE TO VERIFY ALL DIMENSIONS ON SITE PRIOR TO MAKING SHOP DRAWINGS OR COMMENCING MANUFACTURE.
3. 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.
4. ALL 150mm AND 225mm DIAMETER PIPES TO BE EXTRA STRENGTH VIRREDF CLAY PIPES (SEE NOTE 19).
5. ALL PIPES OF 300mm DIAMETER OR GREATER TO BE CLASS M CONCRETE.
6. ALL PRE MATERIALS TO BE CONSISTENT BETWEEN MANHOLES, ALL WORK IS TO BE CARRIED OUT IN ACCORDANCE WITH SEWERAGE ADOPTION EDITION, THE SPECIFICATION FOR HIGHWAYS WORKS 1998 AND ALL SUBSEQUENT AMENDMENTS AND LOCAL AUTHORITIES DESIGN GUIDE WHERE THERE IS CONFLICT BETWEEN THESE DOCUMENTS THE WATER SHALL BE REFERRED TO THE ENGINEER.
7. FOR CONSTRUCTION DETAILS OF MANHOLES AND SEWERS REFER TO SEWERS FOR ADOPTION AND UNDERPARRERS STANDARD DETAILS WHICH CAN BE OBTAINED FROM THE LOCAL OFFICE.
8. 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 CONCRETE BED AND SURROUND.
9. PLASTIC CHAMBERS AND RINGS SHALL COMPLY WITH BS EN 13398-1 AND BS EN 13398-2 OR HAVE EQUIVALENT INDEPENDENT APPROVAL TO TABLE 11 OF APPROVED DOCUMENT H1 OF THE BUILDING REGULATIONS 2010.
10. WHERE HOUSE DRAINAGE IS TAKEN THROUGH BLOCK CARE IS TO BE TAKEN THAT FOUNDATION LEVELS AND DRAINAGE RUNS DO NOT CASH.
11. ALL APPROPRIATE MANHOLES TO HAVE A MINIMUM CLEAR OPENING OF 675mmx675mm AND GRADE DA90 UNO.
12. ALL BELOW GROUND DRAINAGE TO BE 100mm UNLESS OTHERWISE INDICATED WITH A MIN. GRADIENT AS FOLLOWS:-
S.W. : 100mm Dia. 1:100
F.W. : 100mm Dia. 1:80
F.W. : 150mm Dia. 1:150
13. ALL APPROPRIATE DRAINAGE MATERIALS SHOULD COMPLY WITH THE REQUIREMENTS OF PART C10 OF THE BUILDING REGULATIONS WHICH IS DRAWN FROM CEMSI 7TH EDITION BUT IS NOT A FULL REPRODUCTION.

LEGEND

- F1 ● PROPOSED FOUL WATER MANHOLE
- Sc ● PROPOSED SURFACE WATER ACCESS CHAMBER (250mm DIA)
- F2 ● PROPOSED FOUL WATER ACCESS CHAMBER (250mm DIA)
- Sc ● PROPOSED SURFACE WATER INSPECTION CHAMBER (450mm DIA)
- Sc ● PROPOSED FOUL WATER INSPECTION CHAMBER (450mm DIA)
- St ● PROPOSED SILT TRAP CHAMBER (450mm DIA)
- DENOTES BELOW GROUND SURFACE DRAINAGE
- DENOTES BELOW GROUND FOUL DRAINAGE
- DENOTES EXISTING BELOW GROUND FOUL DRAINAGE AND MANHOLE (BY OTHERS)
- DENOTES PROPOSED BELOW GROUND MAN FOUL DRAINAGE
- DENOTES RODDING EYE
- DENOTES VERTICAL RAIN WATER STACK TO GROUND
- DENOTES VERTICAL FOUL STACK TO GROUND
- DENOTES SOAKAWAY
- DENOTES RAINWATER HARVESTER



TENDER

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Site: ELMSBROOK, BICESTER
Phase: PHASE 3 & 4
Plot: PLOT DRAINAGE LAYOUT
Date: 13.12.17
Drawn: DC
Checked: DC
Revised: T8

Scale: 1:250
Sheet: SHEET 1 OF 6
Drawing No: 147901A-3260