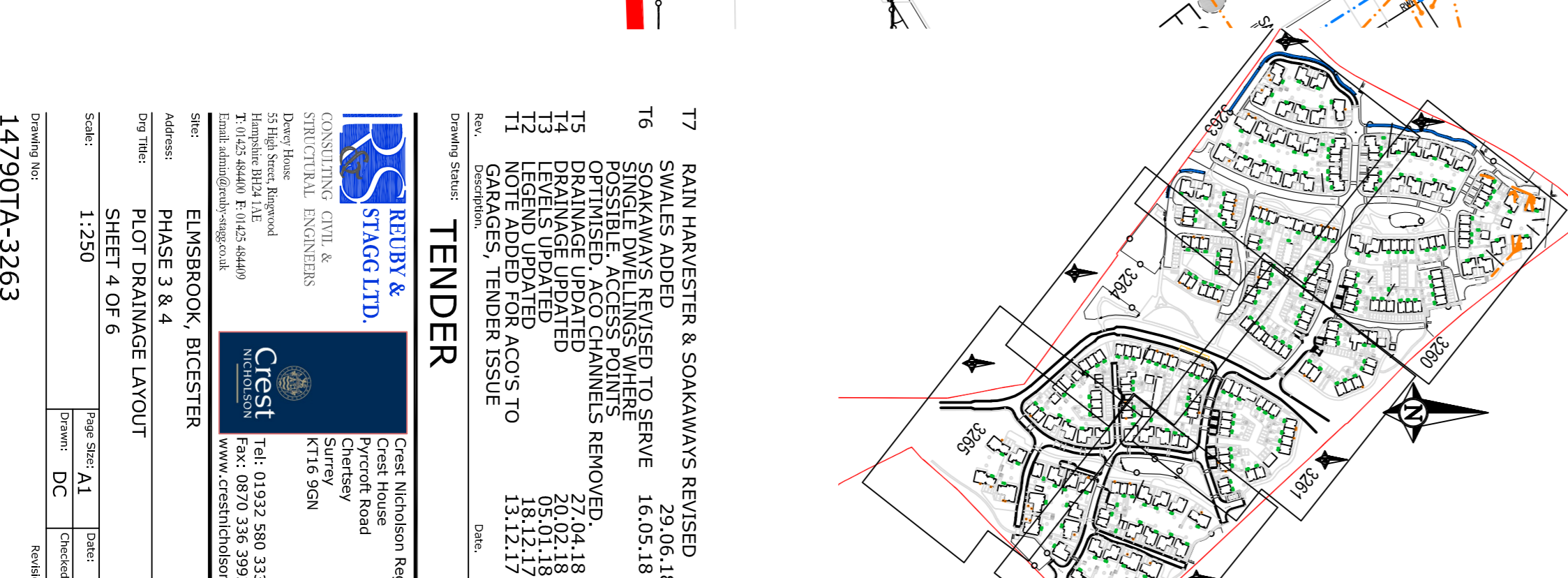
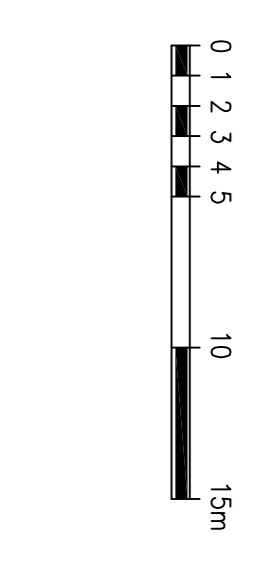


HEALTH & SAFETY:

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 USED AS A GUIDE ONLY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND FOR THE SAFETY OF ALL PERSONS ASSOCIATED WITH THE PROJECT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR 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.

- LEGEND**
- F1 ● - PROPOSED RAIN WATER MANHOLE
 - Sp ● - PROPOSED SURFACE WATER ACCESS CHAMBER (250mm DIA)
 - Sp ● - PROPOSED FOUL WATER ACCESS CHAMBER (250mm DIA)
 - Sp ● - PROPOSED SURFACE WATER INSPECTION CHAMBER (450mm DIA)
 - Sp ● - PROPOSED FOUL WATER INSPECTION CHAMBER (450mm DIA)
 - Sp ● - PROPOSED SILT TRAP CHAMBER (450mm DIA)
 - Sp ● - PROPOSED BELOW GROUND SURFACE DRAINAGE
 - Sp ● - PROPOSED BELOW GROUND FOUL DRAINAGE
 - Sp ● - DENOTES EXISTING BELOW GROUND FOUL DRAINAGE AND MANHOLE (BY OTHERS)
 - Sp ● - DENOTES PROPOSED BELOW GROUND MAIN FOUL DRAINAGE
 - Sp ● - DENOTES ROODING ETC
 - Sp ● - DENOTES VERTICAL RAIN WATER STACK TO GROUND
 - Sp ● - DENOTES VERTICAL FOUL STACK TO GROUND
 - Sp ● - DENOTES SOAKAWAY
 - Sp ● - DENOTES RAINWATER HARVESTER



- 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 COMMENSAL 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 VIRRIED CLAY PIPES (SEE NOTE 15).
 - 5 ALL PIPES OF 300mm DIAMETER OR GREATER TO BE CLASS M CONCRETE.
 - 6 ALL PIPE MATERIALS TO BE CONSISTENT BETWEEN MANHOLES.
 - 7 ALL WORK IS TO BE CARRIED OUT IN ACCORDANCE WITH SPECIFICATIONS FOR ADOPION 999 AND 1000. THE SPECIFICATION FOR ADOPION 999 INCLUDES DESIGN REQUIREMENTS WHERE THERE IS CONFLICT BETWEEN THESE DOCUMENTS THE LATTER SHALL BE REFERRED TO THE ENGINEER.
 - 8 FOR CONSTRUCTION DETAILS OF MANHOLES AND SEWERS REFER TO SEWERS FOR ADOPION AND UNDERDRAGERS STANDARD DETAILS WHICH CAN BE OBTAINED FROM THE LOCAL OFFICE.
 - 9 INVERT LEVELS OF EXISTING SEWERS TO BE CONFIRMED ON SITE BEFORE ANY SEWER WORK UNDERTAKEN. ANY DISCREPANCIES FOUND SHOULD BE NOTIFIED TO ENGINEERS.
 - 10 WHERE SPINERS HAVE LESS THAN 12m OF COVER UNDER ROADS AND 0.9m COVER EXISTING SPINERS ARE TO HAVE A 150mm CONCRETE BED AND SURROUND.
 - 11 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.
 - 12 WHERE HOUSE DRAINAGE IS TAKEN THROUGH BLOCK CARE IS TO BE TAKEN THAT FOUNDATION LEVELS AND DRAINAGE RUNS DO NOT CLASH.
 - 13 ALL ADAPTABLE MANHOLES TO HAVE A MINIMUM CLEAR OPENING OF 675mm/675mm AND GRADE DRAO UND.
 - 14 ALL BELOW GROUND DRAINAGE TO BE 100mm* UNLESS OTHERWISE INDICATED WITH A MIN. GRADE* 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
 - 15 ALL ADAPTABLE DRAINAGE MATERIALS SHOULD COMPLY WITH THE REQUIREMENTS OF PART E CIVIL ENGINEERING WITH SPECIFICATION INCLUDED WITH SPINERS FOR ADOPION 77H NOTATION INCLUDED FROM CESH 7TH EDITION BUT IS NOT A FULL REPRODUCTION.