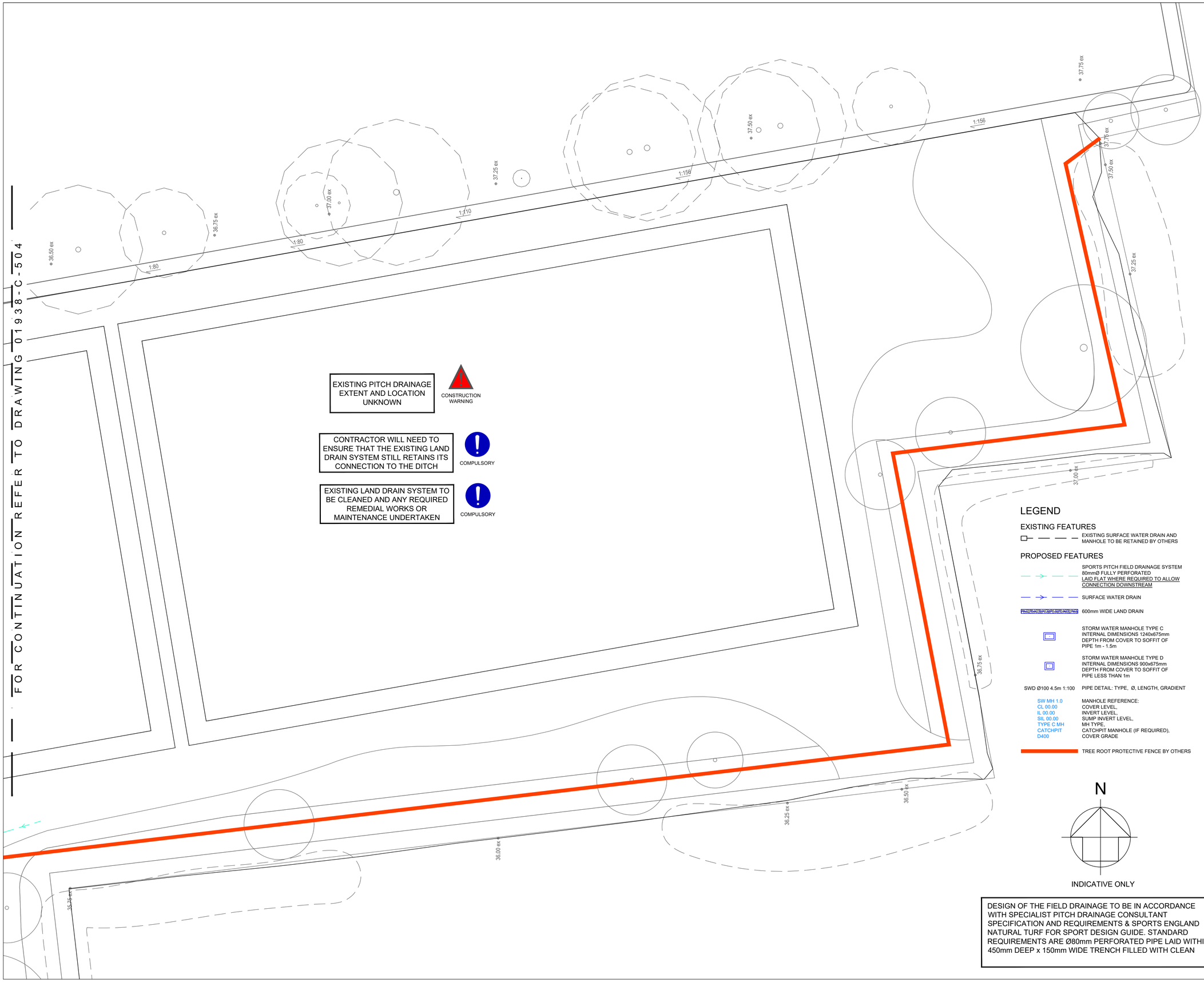
FOR CONTINUATION REFER TO DRAWING 01938-C-504




EXISTING PITCH DRAINAGE EXTENT AND LOCATION UNKNOWN

CONSTRUCTION WARNING

CONTRACTOR WILL NEED TO ENSURE THAT THE EXISTING LAND DRAIN SYSTEM STILL RETAINS ITS CONNECTION TO THE DITCH

COMPULSORY

EXISTING LAND DRAIN SYSTEM TO BE CLEANED AND ANY REQUIRED REMEDIAL WORKS OR MAINTENANCE UNDERTAKEN

COMPULSORY

## LEGEND

### EXISTING FEATURES

EXISTING SURFACE WATER DRAIN AND MANHOLE TO BE RETAINED BY OTHERS

### PROPOSED FEATURES

SPORTS PITCH FIELD DRAINAGE SYSTEM 80mmØ FULLY PERFORATED LAID FLAT WHERE REQUIRED TO ALLOW CONNECTION DOWNSTREAM

SURFACE WATER DRAIN

600mm WIDE LAND DRAIN

STORM WATER MANHOLE TYPE C INTERNAL DIMENSIONS 1240x675mm DEPTH FROM COVER TO SOFFIT OF PIPE 1m - 1.5m

STORM WATER MANHOLE TYPE D INTERNAL DIMENSIONS 900x675mm DEPTH FROM COVER TO SOFFIT OF PIPE LESS THAN 1m

SWD Ø100 4.5m 1:100 — PIPE DETAIL: TYPE, Ø, LENGTH, GRADIENT

SW MH 1.0
CL 00.00
IL 00.00
SIL 00.00
TYPE C MH
CATCHPIT
D400

MANHOLE REFERENCE:
COVER LEVEL,
INVERT LEVEL,
SUMP INVERT LEVEL,
MH TYPE,
CATCHPIT MANHOLE (IF REQUIRED),
COVER GRADE

TREE ROOT PROTECTIVE FENCE BY OTHERS

N

INDICATIVE ONLY

DESIGN OF THE FIELD DRAINAGE TO BE IN ACCORDANCE WITH SPECIALIST PITCH DRAINAGE CONSULTANT SPECIFICATION AND REQUIREMENTS & SPORTS ENGLAND NATURAL TURF FOR SPORT DESIGN GUIDE. STANDARD REQUIREMENTS ARE Ø80mm PERFORATED PIPE LAID WITHIN 450mm DEEP x 150mm WIDE TRENCH FILLED WITH CLEAN

## NOTES:

1. THIS DRAWING SHOULD BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT ARCHITECT AND ENGINEERING DETAILS, DRAWINGS AND SPECIFICATIONS.
2. ANY DISCREPANCIES SHOULD BE REPORTED TO THE ARCHITECT AND/OR ENGINEER IMMEDIATELY, SO THAT CLARIFICATION CAN BE SOUGHT PRIOR TO THE COMMENCEMENT OF WORK.
3. ALL DRAINAGE WORKS SHOULD COMMENCE AT THE PROPOSED DOWNSTREAM CONNECTION POINT, THE WORKS CONTINUING UPSTREAM FOLLOWING CONFIRMATION OF THE TIE-IN INVERT LEVELS TO THE ENGINEER. CONNECTIONS TO MANHOLES OR LARGER SIZED PIPES ETC. SHOULD BE SOFFIT TO SOFFIT UNLESS OTHERWISE INSTRUCTED BY THE ENGINEER, IF THIS IS NOT POSSIBLE INFORM THE ENGINEER IMMEDIATELY
4. COVER LEVELS SHOWN ARE APPROXIMATE. COVERS AND FRAMES SHALL BE SET TO FINISHED GROUND LEVELS AND FALLS.
5. ALL UN-REFERENCED PIPES ARE ASSUMED TO BE 100mm DIA.
   - SW MIN GRADIENT - 1 IN 100 (100 DIA)
   - SW MIN GRADIENT - 1 IN 150 (150 DIA)
6. ALL PRIVATE DRAINAGE TO BE IN ACCORDANCE WITH THE BUILDING REGULATIONS APPROVED DOCUMENT PART-H, AND TO THE SATISFACTION OF THE BUILDING CONTROL INSPECTOR.
7. SHALLOW PRIVATE DRAINS MAY REQUIRE PROTECTION USING CLASS 'Z' CONCRETE SURROUND OR PAVING SLABS BRIDGING THE TRENCH SUBJECT TO THE NHBC INSPECTOR'S REQUIREMENTS.
8. THE CONTRACTOR IS TO KEEP A RECORD OF ANY VARIATIONS MADE ON SITE, INCLUDING THE RELOCATION OF SEWERS OR DRAINS, SO THAT AN AS CONSTRUCTED DRAWING CAN BE PREPARED UPON COMPLETION OF THE PROJECT.
9. THE CONTRACTOR SHOULD CHECK ALL DIMENSIONS ON SITE. NO DIMENSIONS ARE TO BE SCALED FROM THESE DRAWINGS.
10. IT IS THE CONTRACTORS/SUBCONTRACTORS RESPONSIBILITY TO ENSURE COMPLIANCE WITH THE CURRENT BUILDING REGULATIONS AND CODES OF PRACTICE.
11. MODULAR GEOCELLULAR STORAGE/SOAKAWAY SYSTEM TO CONFORM TO CIRIA C793 THE SUDS MANUAL, C680 STRUCTURAL DESIGN OF MODULAR GEOCELLULAR DRAINAGE TANKS & C698 SITE HANDBOOK FOR THE CONSTRUCTION OF SUDS. THE MANUFACTURER SHOULD PROVIDE A COMPLETE SET OF INDEPENDENT TEST RESULTS FOR A PROPOSED SYSTEM INCLUDING, AS A MINIMUM, STRESS/STRAIN CURVES FOR VERTICAL AND LATERAL COMPRESSION, AND CREEP TESTS UNDER SUSTAINED LONG-TERM LOADS. A BBA CERTIFICATE IS NOT INDEPENDENT TEST DATA.
12. ALL BELOW GROUND CONCRETE TO ACCORD WITH BS5328:1997;SULPHATE CLASS TBA.
13. IF ANY SUB SOIL DRAINAGE SYSTEMS ARE UNCOVERED DURING THE WORKS CONTACT THE ENGINEER FOR INSTRUCTIONS. GENERALLY SUB SOIL DRAINS AFFECTED ARE TO BE DIVERTED AROUND NEW WORKS AND CONNECTED INTO THE SURFACE WATER DRAINAGE SYSTEM. PIPE DIAMETERS AND GRADIENTS ARE TO BE MAINTAINED.
14. BEFORE COMMENCING CONSTRUCTION THE CONTRACTOR MUST CHECK THE INVERT LEVELS OF EXISTING SEWERS TO WHICH CONNECTIONS ARE MADE. IN ADDITION THE CONTRACTOR MUST LOCATE AND DETERMINE INVERT LEVELS OF THE EXISTING SPURS TO WHICH CONNECTIONS ARE PROPOSED. ADDITIONAL SPUR/MANHOLE CONNECTIONS ARE TO BE AGREED WITH THE RELEVANT ADOPTING AUTHORITY. ANY DISCREPANCIES ARE TO BE NOTIFIED TO THE ENGINEER IMMEDIATELY, PRIOR TO CONSTRUCTION.
15. NO PRIVATE AREAS ARE TO DRAIN ONTO ADOPTABLE AREAS AND VICE VERSA.

| REV | DATE | BY | DESCRIPTION |
|---|---|---|---|
| P3 | 07/08/20 | SPB | UPDATE TO SUIT CLIENTS COMMENTS |
| P2 | 02/06/20 | SPB | UPDATE TO SUIT CLIENTS COMMENTS |
| P1 | 07/05/20 | SPB | FIRST ISSUE |

DRAWING STATUS: TENDER

marbas

CLIENT: WINCHESTER CITY COUNCIL

PROJECT: WINCHESTER SPORT AND LEISURE PARK
PROPOSED SPORT PITCHES

DRAWING TITLE: PITCH DRAINAGE
SHEET 2 OF 2

| DRAWING No. | REV. |
|---|---|
| 01938-C-505 | P3 |

| SCALE | DATE | DRAWN | CHECKED | SHT. |
|---|---|---|---|---|
| 1:250 | 07/05/20 | SB | SF | A1 |