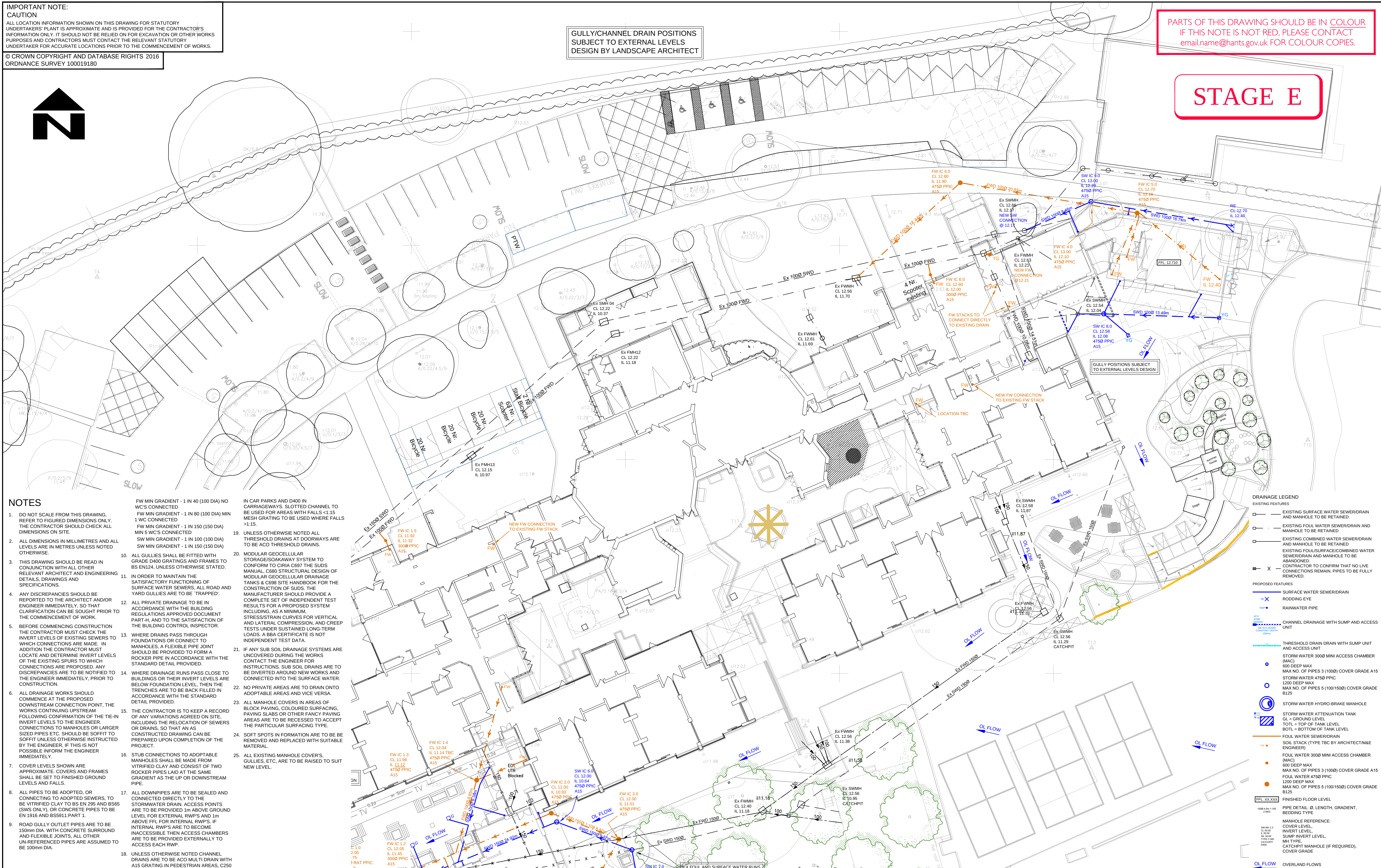


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ORDNANCE SURVEY 100019180

PARTS OF THIS DRAWING SHOULD BE IN COLOUR
IF THIS NOTE IS NOT RED, PLEASE CONTACT
email.name@hants.gov.uk FOR COLOUR COPIES.

NOTES

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| 1. | DO NOT SCALE FROM THIS DRAWING. REFER TO FIGURED DIMENSIONS ONLY. THE CONTRACTOR SHOULD CHECK ALL DIMENSIONS ON SITE. | FW MIN GRADIENT - 1 IN 80 (100 DIA) MIN 1 WC CONNECTED
FW MIN GRADIENT - 1 IN 150 (150 DIA) MIN 5 WCs CONNECTED | BE USED FOR AREAS WITH FALLS <1.15 MESH GRATING TO BE FALLS WHERE FALLS >1.15. |
| 2. | ALL DIMENSIONS IN MILLIMETRES AND ALL LEVELS ARE IN METRES UNLESS NOTED OTHERWISE. | SW MIN GRADIENT - 1 IN 100 (100 DIA)
SW MIN GRADIENT - 1 IN 150 (150 DIA) | 19. UNLESS OTHERWISE NOTED ALL THRESHOLD DRAINS AT DOORWAYS ARE TO BE ACO THRESHOLD DRAINS. |
| 3. | THIS DRAWING SHOULD BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT ARCHITECT AND ENGINEERING DETAILS, DRAWINGS AND SPECIFICATIONS. | 10. ALL GULLIES SHALL BE FITTED WITH GRADE D400 GRATINGS AND FRAMES TO BS EN1214, UNLESS OTHERWISE STATED. | 20. MODULAR GEOCELLULAR STORAGE/SOAKAWAY SYSTEM TO CONFORM TO CIRIA C687 THE SUDS MANUAL, C680 STRUCTURAL DESIGN OF MODULAR GEOCELLULAR DRAINAGE TANKS & C686 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. |
| 4. | ANY DISCREPANCIES SHOULD BE REPORTED TO THE ARCHITECT AND/OR ENGINEER IMMEDIATELY, SO THAT CLARIFICATION CAN BE SOUGHT PRIOR TO THE COMMENCEMENT OF WORK. | 11. IN ORDER TO MAINTAIN THE SATISFACTORY FUNCTIONING OF SURFACE WATER SEWERS, ALL ROAD AND YARD GULLIES ARE TO BE "TRAPPED". | 21. IF ANY SUB SOIL DRAINAGE SYSTEMS ARE UNCOVERED DURING THE WORKS CONTACT THE ENGINEER FOR INSTRUCTIONS. SUB SOIL DRAINS ARE TO BE OVERTHEROWN AROUND NEW WORKS AND CONNECTED INTO THE SURFACE WATER. |
| 5. | 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. ANY DISCREPANCIES ARE TO BE NOTIFIED TO THE ENGINEER IMMEDIATELY, PRIOR TO CONSTRUCTION. | 12. ALL PRIVATE DRAINAGE TO BE IN ACCORDANCE WITH THE BUILDING REGULATIONS APPROVED DOCUMENT PART A AND TO THE REQUIREMENTS OF THE BUILDING CONTROL INSPECTOR. | 22. NO PRIVATE AREAS ARE TO DRAIN ONTO ADAPTABLE AREAS AND VICE VERSA. |
| 6. | 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 SIFTED TO SOFTEN UNLESS OTHERWISE INSTRUCTED BY THE ENGINEER. IF THIS IS NOT POSSIBLE INFORM THE ENGINEER IMMEDIATELY. | 13. WHERE DRAINS PASS THROUGH FOUNDATIONS OR CONNECT TO MANHOLES, A FLEXIBLE PIPE JOINT SHOULD BE PROVIDED TO FORM A ROCKER PIPE IN ACCORDANCE WITH THE STANDARD DETAIL PROVIDED. | 23. ALL MANHOLE COVERS IN AREAS OF BLOCK PAVING, COLOURED SURFACING, PAVING SLABS OR OTHER FANCY PAVING AREAS ARE TO BE RECESSED TO ACCEPT THE PARTICULAR SURFACING TYPE. |
| 7. | COVER LEVELS SHOWN ARE APPROXIMATE. COVERS AND FRAMES SHALL BE SET TO FINISHED GROUND LEVELS AND FALLS. | 14. WHERE DRAINAGE RUNS PASS CLOSE TO BUILDINGS OR THEIR INVERT LEVELS ARE BELOW FOUNDATION LEVEL, THEN THE TRENCHES ARE TO BE BACK FILLED IN ACCORDANCE WITH THE STANDARD DETAIL PROVIDED. | 24. SOFT SPOTS IN FORMATION ARE TO BE REMOVED AND REPLACED WITH SUITABLE MATERIAL. |
| 8. | ALL PIPES TO BE ADOPTED, OR CONNECTING TO ADOPTED SEWERS, TO BE VITRIFIED CLAY TO BS EN 295 AND BS565 (SWS ONLY), OR CONCRETE PIPES TO BE EN 1916 AND BS5911 PART 1. | 15. THE CONTRACTOR IS TO KEEP A RECORD OF ALL VARIATIONS AGREED ON SITE, INCLUDING THE RELOCATION OF SEWERS OR DRAINS, SO THAT AN AS CONSTRUCTED DRAWING CAN BE PREPARED UPON COMPLETION OF THE PROJECT. | 25. ALL EXISTING MANHOLE COVERS, GULLIES, ETC. ARE TO BE RAISED TO SUIT NEW LEVEL. |
| 9. | ROAD GULLY OUTLET PIPES ARE TO BE 100mm DIA. WITH CONCRETE SURROUND AND FLEXIBLE JOINTS, ALL OTHER UNREFERENCED PIPES ARE ASSUMED TO BE 100mm DIA. | 16. STUB CONNECTIONS TO ADAPTABLE MANHOLES SHALL BE MADE FROM VITRIFIED CLAY AND CONSIST OF TWO ROCKER PIPES LAID AT THE SAME GRADIENT AS THE UP OR DOWNSTREAM PIPE. | |
| | | 17. ALL DOWNPIPES ARE TO BE SEALED AND CONNECTED DIRECTLY TO THE STORMWATER DRAIN. ACCESS POINTS ARE TO BE PROVIDED 1m ABOVE GROUND LEVEL FOR EXTERNAL RPPWS AND 1m ABOVE FFL FOR INTERNAL RPPWS. IF INTERNAL RPPWS ARE TO BECOME INACCESSIBLE THEN ACCESS CHAMBERS ARE TO BE PROVIDED EXTERNALLY TO ACCESS EACH RPP. | |
| | | 18. UNLESS OTHERWISE NOTED CHANNEL DRAINS ARE TO BE ACO MULTI DRAIN WITH A15 GRATING IN PEDESTRIAN AREAS, C250 | |



A	SURFACE WATER SYSTEM RATIONALISED	09.03.2017	CS		
REV	AMENDMENTS	DATE	CAD	CHKD	APPD

HAMPSHIRE COUNTY COUNCIL
PROPERTY, BUILDINGS AND REGULATORY SERVICES
ARCHITECTS PRACTICE



Hampshire
County Council



STUART JARVIS BSc DipTP FCIHT MRTPI: DIRECTOR OF ECONOMY, TRANSPORT & ENVIRONMENT

DESIGNER	CS
CAD	CS
CHECKED	
APPROVED	

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