

- ALL LEVELS IN METERS UNLESS NOTED OTHERWISE ON
- ALL DIMENSIONS AND LEVELS TO BE CHECKED ON SITE
- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT ENGINEER'S AND ARCHITECT'S DRAWINGS
- AND RELEVANT SPECIFICATION CLAUSES.
- THE LOCAL AUTHORITY AND SERVICE COMPANIES ARE TO
- BE NOTIFIED PRIOR TO COMMENCEMENT OF WORK ON SITE. ALL DRAINAGE COMPONENTS ARE TO COMPLY WITH
- CURRENT BRITISH STANDARDS AND BUILDING REGULATIONS REQUIREMENTS.
- ALL WORKS TO BE IN ACCORDANCE WITH THE LOCAL
- AUTHORITYS ROADS FOR ADOPTION SPECIFICATION.
- ALL WORKS AND MATERIALS TO BE IN ACCORDANCE WITH THE SPECIFICATION FOR HIGHWAY WORKS (SHW SERIES 500).
- DRAIN PIPE THROUGH WALLS OR BENEATH FOUNDATIONS
- (SPREAD ONLY) TO HAVE R.C BRIDGE LINTELS OVER AND PIPE SURROUNDED IN FLEXIBLE MATERIAL (50mm).
- FINAL LOCATIONS AND DETAILS OF SOIL VENT PIPES, STUB
- STACKS, RAINWATER DOWN PIPES, GULLIES ETC. TO BE
- CONFIRMED BY REFERENCE TO ARCHITECT' DRAWINGS.
- ALL THRESHOLD DRAIN DETAILS TO BE TO ARCHITECT'
- . ALL PIPES INTO CHAMBERS TO SOFFIT TO SOFFIT U.N.O.
- AT ALL OUTFALL POINTS TO AN EXISTING NETWORK, THE POSITION AND INVERT LEVEL OF EXISTING DRAINS MUST BE
- CONFIRMED WELL IN ADVANCE OF THE PROGRAMMED DATE FOR INSTALLING ANY OF THE UPSTREAM DRAINAGE, OR ORDERING OF ANY MATERIALS IN ORDER TO ALLOW TIME FOR ANY NECESSARY REVISIONS TO THE HYDRAULIC
- WHERE RELEVANT UNLESS NOTED OTHERWISE.
- WATER PIPE RUNS SHALL CONSIST OF 100mm DIA. PIPES LAID AT NO FLATTER THAN 1/80 FALLS U.N.O. A SEWER OR LATERAL DRAIN WITH A NOMINAL INTERNAL DIAMETER OF 100mm, OR A LATERAL DRAIN SERVING TEN OR LESS PROPERTIES IS LAID TO A GRADIENT NOT FLATTER THAN 1:80, WHERE THERE IS AT LEAST ONE WC CONNECTED AND 1:40 IF THERE IS NO WC CONNECTED.
- ALL CONNECTIONS FROM HIGHWAY GULLIES TO BE 150mm DIA. LAID AT FALLS OF BETWEEN 1/20 AND 1/100 WITH TYPE S BED AND SURROUND TO ALL CONNECTIONS WITH MIN. 1.20m COVER, TYPE Z BED AND SURROUND TO ALL OTHER
- THERMOPLASTIC PIPES & FITTINGS: THERMOPLASTIC PIPES, JOINTS & FITTINGS FOR GRAVITY SEWERS SHALL COMPLY WITH THE RELEVANT PROVISIONS OF BS EN 1401-1, BS EN 1852 & BS EN 12666-1.
- THERMOPLASTIC STRUCTURED WALL PIPE THERMOPLASTIC STRUCTURED WALL SEWER PIPE SHALL COMPLY WITH THE RELEVANT PROVISIONS OF BS EN 13476-1 & WIS 4-35-01 AND BS EN 13476-2 OR BS EN 13476-3. PIPES SHALL BE BSI KITEMARKED OR HAVE EQUIVALENT THIRD PART CERTIFICATION. PIPES LESS THAN OR EQUAL TO 500mm IN DIAMETER SHALL HAVE NOMINAL SHORT-TERM RING STIFFNESS NOT LESS THAN 8KN/m² (SN8) OR BE SUBJECT TO A QUALITY SYSTEM FOR STORAGE & EMBEDMENT.
- Nom. SHORT TERM RING STIFFNESS OF 2KN/m² (SN2) IS ACCEPTABLE FOR PIPES GREATER THAN Ø500mm, SUBJECT TO SUPPORTING STRUCTURAL DESIGN LOAD CALCULATIONS

TRANSPORTATION, HANDLING, STORAGE AND LAYING SHALL BE IN ACCORDANCE WITH THE MANUFACTURER'S

WHERE A FITTING IS INSTALLED ON A SEWER LENGTH, IT SHALL HAVE THE SAME INTERNAL BORE AS THE SEWER. Max. LENGTH OF PIPE FOR LAYING IS 3.0m OR Ø x 10, WHICHEVER IS THE GREATER, UNLESS WELDED JOINTS ARE

. CONNECTION TO THE PUBLIC SEWER
A SECTION 106 APPLICATION TO CONNECT MUST BE MADE TO DCWW. THE DEVELOPER SHALL GIVE 21 DAYS NOTICE PRIOR TO CONNECTION, THE WORKS MAY ONLY BE UNDERTAKEN BY A DCWW HEALTH AND SAFETY APPROVED

OPTIMUM TRENCH WIDTH = PIPE + 300mm. CONTRACTOR TO ENSURE TRENCH WALLS ARE SUITABLY PROPPED. . BACKFILLING TO PIPE TRENCHES BENEATH ROADS, CAR

PARKING AND STRUCTURES TO BE M.O.T. TYPE 1 GRANULAR MATERIAL UP TO FORMATION LEVEL FROM THE TOP OF THE SPECIFIED PIPE SURROUND (WELL COMPACTED IN 150mm

S1	P01	21.06.22	FIRST ISSUE									
- 51	101	21.00.22	TROTISSEE									
SUITABILITY	REV	DATE	DESCRIPTION	Org.	Chk'd	App'd	Auth.					
DRAWING STATUS:												

LAND ADJ TO CROWN STREET. **GWALCHMAI**

PROPOSED SECTION 104 DRAINAGE LAYOUT

PROJECT 00942	originator CCE		VOL. LOC. V1 XX		40:40:01		C	
50:30 CLASSIFICATION			0006 S1		P0	_		
GINATOR:		DATE:		SCALE:		ORIGINAL S	SIZE:	

B.Thorne |21.06.2022|

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