





 PROPOSED S104 SURFACE WATER DRAIN.
 PROPOSED S104 FOUL WATER DRAINAGE.
 PROPOSED GULLY AND CONNECTION.
 PROPOSED HIGHWAY DRAIN.
 PRIVATE FOUL WATER CONNECTION.
 PRIVATE STORM WATER CONNECTION.
 PROPOSED S104 SEWER EASEMENT.
 DRAINAGE AREA BOUNDARIES.
 CULTIVAT IN RIPARIAN OWNERSHIP.

1. IF RECEIVED ELECTRONICALLY IT IS THE RECIPIENT'S RESPONSIBILITY TO PRINT TO THE CORRECT SCALE. ONLY WRITTEN DIMENSIONS SHALL BE USED.
2. ALL ADAPTABLE DRAINAGE WORKS TO BE INCLUDED IN THE S10A AGREEMENT IS TO BE IN ACCORDANCE WITH SEWERS FOR ADOPTION 8th EDITION AND ALL REQUIREMENTS OF DWIR CYMRU WELSH WATER AS THE STATUTORY SEWERAGE UNDERTAKER.
3. THE CONTRACTOR IS TO CONFIRM POSITION, LEVELS & SIZE OF EXISTING DRAINAGE & WATERCOURSES PRIOR TO THE COMMENCEMENT OF DRAINAGE WORKS, WHERE APPLICABLE.
4. THE FOLLOWING PIPE TYPES & BEDDING HAVE BEEN ASSUMED IN THE DESIGN:
 - (i) CARRIER DRAIN 150mm DIA VITRIFIED CLAY TO BS EN 295, MIN CRUSHING STRENGTH 28 kN/M ON TYPE 3 TRENCH & BEDDING (DEPTH OF COVER 1.2M OR GREATER), OR 150MM CONCRETE BED AND SURROUND (DEPTH OF COVER LESS THAN 1.2M).
 - (ii) CARRIER DRAIN 225 & 300mm DIA VITRIFIED CLAY TO BS EN 295, MIN STRENGTH CLASS 160 ON TYPE 3 TRENCH & BEDDING (DEPTH OF COVER 1.2M OR GREATER), OR 150MM CONCRETE BED AND SURROUND (DEPTH OF COVER LESS THAN 1.2M, OR AS SPECIFIED ON RELEVANT LONG SECTIONS).
 - (iii) CARRIER DRAINS 375mm DIA AND ABOVE TO COMPRISE CONCRETE CLASS 120 ON TRENCH AND BEDDING AS SPECIFIED ON RELEVANT LONGITUDINAL SECTIONS.
 - (iv) GULLY CONNECTIONS TO COMPRISE 150MM DIA VITRIFIED CLAY TO BS EN 295, MIN STRENGTH 28kN/M WITH 150MM CONCRETE BED AND SURROUND WHERE COVER IS LESS THAN 1.2M.
5. BACKFILLING OF DRAINS AND SEWERS SITUATED BELOW CARRIAGEWAYS, PAVED AREAS AND FOOTWAYS SHALL BE WITH TYPE 1 SUBBASE TO SHW CLAUSE 803.
6. EXISTING ROADS TO BE REINSTATED IN ACCORDANCE WITH THE SPECIFICATION FOR THE REINSTATEMENT OF OPENINGS IN HIGHWAYS SECOND EDITION DATED JUNE 2002. ROAD CATEGORY TYPE 2 ALL PERMANENT WHERE APPLICABLE.
7. FOR COVER AND INVERT LEVELS REFER TO THE LONGITUDINAL SECTIONS AND CHAMBER SCHEDULES.
8. ALL HIGHWAY DRAINS TO BE ADOPTED AS PART OF THE SECTION 38 AGREEMENT ARE TO BE CONSTRUCTED TO THE HIGHWAY AUTHORITY (WRE/HAM BC) STANDARDS.

REVISIONS UPDATED TO USR BORDER AND JOB NUMBER.	SJC/DH	12.02.14	G
UPDATED TOPOGRAPHICAL SURVEY AND ALIGNMENTS			
AND DRAINAGE ADJUSTMENTS TO SUIT. DRAINING REVERT TO SUIT PHASE 1 (7 ROAD REMOVED).			
SURFACE WATER OUTFALL AMENDED EXISTING CURVED INFORMATION DATA.	SJC/LAL	28.01.12	F
LOT REFERENCES ADDED.	SJC/DAL	02.06.11	D
ALIGNMENT AT SURFACE WATER OUTFALL EXTENDED 3m.	SJC/DAL	12.05.11	E
ADDED 100% COLOUR COLOUR AMENDED			
STG AMENDMENTS. POOL OUTFALL AMENDED TO SUIT REVEALED OUTFALL POINT.	SJC/LAL	27.01.11	C
ADDED REVISIONS TO SURFACE AND POOL WATER NETWORKS.	SJC/LAL	20.05.10	B
DRAINAGE RE-DESIGN PLAN AMENDED TO SUIT	SJC/LAL	14.12.09	A
Revision Details	By Date	Date	Suffix

P - PRELIMINARY

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SITE WIDE DRAINAGE PROPOSALS

Drawn SJC	Checked CEH	Approved	Date 16/12/13
URS Internal Project No. 47067923		Suitability N/A	
Scale @ A1 1:500		Zone / Mitigation N/A	

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Drawing Number	Rev
P 47067923/43	G