

DO NOT SCALE - IF IN DOUBT ASK

**NOTES:**  
 APPROXIMATE ABANDON LENGTH = 247 m\*  
 APPROXIMATE RATIONALISATION LENGTH = 0 m\*  
 APPROXIMATE RELAY LENGTH = 261 m\*  
 VCAP SERVICES COUNT ESTIMATE = 22  
 \* DOES NOT INCLUDE COMMS CONNECTIONS

- ALL DIMENSIONS IN MILLIMETRES AND ALL LEVELS IN METRES UNLESS SHOWN OTHERWISE.
- PROPOSED WATER MAIN ROUTE HAS BEEN SHOWN INDICATIVELY AND DOES NOT MAKE AN ALLOWANCE FOR BURIED SERVICES. CONTRACTOR TO CONFIRM THE ROUTE BASED ON TRIAL PIT FINDINGS.
- FOR THRUST BLOCK DESIGN REFER TO DRAWING K118.02-JV-ZZ-299-DR-CE-1005.
- INDICATIVE LOCATION OF HAZARDS ASSOCIATED WITH HIGH-RISK SERVICES (HV ELECTRICITY, IP, MP & HP GAS MAIN, OIL PIPELINES) HAVE BEEN IDENTIFIED BY THE HAZARD TRIANGLES SHOWN. CONTRACTOR TO REVIEW STATS RECORDS AND CONFIRM EXISTING SERVICES LINES AND LEVELS BY INVESTIGATION PRIOR TO ANY CONSTRUCTION WORKS.
- CONTRACTOR TO USE MATERIALS FOR WATER MAINS IN ACCORDANCE WITH CESWI 7TH EDITION AND THAMES WATER'S AMENDMENTS IN AM-DES-CIV-C02 AND APPROVED TW FRAMEWORK SUPPLIER LIST. ALL DISTRIBUTION MAINS >350MM TO BE PE100 SDR17 (10BAR) SIZE UNLESS SPECIFIED OTHERWISE.
- EXISTING WATER MAIN TO BE ABANDONED FOLLOWING COMMISSIONING. FIRST 1M TO BE FILLED WITH G2/G3 GROUT OR FOAMED CONCRETE AS PER CESWI 7TH AND TW STANDARD AM-DES-CIV-C02 SECTION 5.33 AND OLD MARKER POSTS AND IRONWORKS TO BE REMOVED AND REINSTATED AS PER CESWI 7TH AND TW STANDARD AM-DES-CIV-C02 SECTION 5.25.
- ALL HYDRANTS TO BE THROUGH BORE TYPE. FIRE HYDRANTS MUST BE SITED IN THE FOOTPATH OR VERGE, ONE METER CLEAR OF ALL OBSTRUCTIONS & NO MORE THAN 300 BELOW GROUND LEVEL. THE HYDRANT SHOULD CONFORM TO BS:750 AND BE INDICATED WITH A FIRE HYDRANT INDICATOR PLATE CONFORMING TO BS:3251. ALL HYDRANTS ARE TO BE FITTED WITH A STANDARD BS:750 FH COVER. SEE TW STANDARD DRAWINGS AM-DRG-WN-02211, AM-DRG-WN-02212 AND AM-DRG-WN-02213 FOR DETAILS.
- ALL SUPPLY PIPES MUST BE INSTALLED UP TO THE PROPERTY BOUNDARIES. ALL EXISTING SURFACE BOXES ARE TO BE REPLACED EXCEPT WHERE EXISTING BOXES CONFORM TO CURRENT NATIONAL STANDARDS. BOUNDARY BOX IS TO BE INSTALLED IF NOT PRESENT.
- DESKTOP STUDY UNDERTAKEN TO IDENTIFY POTENTIAL AREAS OF CONTAMINATED LAND (SEE DESIGN REPORT FOR DETAILS). AREAS IDENTIFIED INDICATE REQUIREMENT FOR PE BARRIER PIPE OR SUITABLE ALTERNATIVE AS SPECIFIED IN TW ASSET STANDARD WN2 SECTION 6.2. WHERE SHOWN, ALL ASSOCIATED PIPEWORK, FITTINGS, CONNECTORS AND SEALANTS MUST BE SUITABLE FOR USE IN CONTAMINATED LAND UP TO THE PROPERTY BOUNDARY.
- FOR PROJECT SPECIFIC ENVIRONMENTAL MANAGEMENT PLAN, REFER TO K118.02-JV-ZNORWD10-200-RP-EN-1116.
- SYSTEM TEST PRESSURE CALCULATED AT 10 BAR BASED ON LATEST CLIENT SUPPLIED MODELLING DATA INCLUDING FORECAST DEMAND. AECOM TAKE NO RESPONSIBILITY FOR QUALITY OR ACCURACY OF THE DATA RECEIVED. ALL TESTING, COMMISSIONING AND HANDOVER TO BE IN LINE WITH TWUL STANDARDS AND OPERATIONAL PROCEDURES.
- PIPE BEDDING TO BE AS PER TWUL STANDARD AM-DRG-WN-02220.
- THE OUTLINE FITTINGS SCHEDULE IS PROVIDED AS GUIDANCE ONLY. THE CONTRACTOR IS RESPONSIBLE FOR IDENTIFYING ALL PIPEWORK AND FITTINGS REQUIRED TO CONSTRUCT THE PROPOSED DESIGN.

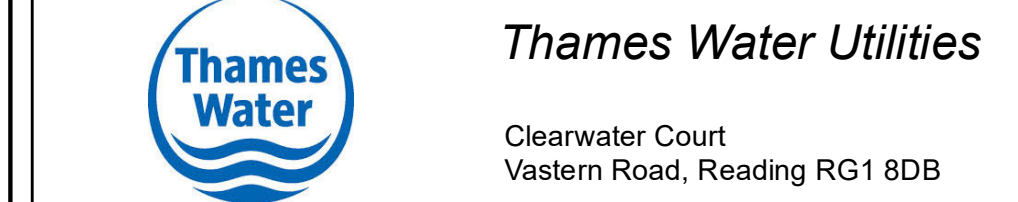
ENVIRONMENTAL CONSTRAINT	STATUS
ARCHAEOLOGICAL PRIORITY AREA	NOT PRESENT
SSSI	NOT PRESENT
FLOOD PLAIN	NOT PRESENT
CONSERVATION AREA	NOT PRESENT
AREA OF CONSERVATION IMPORTANCE	NOT PRESENT
WATERCOURSE	NOT PRESENT

DESCRIPTION	LEGEND	DESCRIPTION	LEGEND
NEW PIPE (HDD)		FIRE SUPPLY-END ITEM REPLACE	
NEW PIPE (OPEN CUT)		FIRE SUPPLY-END ITEM RETAIN	
INSERTION		NEW FIRE HYDRANT	
BARRIER PIPE		CUSTOMER SUPPLY	
PIPE BURSTING		CUSTOMER SUPPLY RETAIN	
TO BE ABANDONED		NEW WASHOUT	
RETAINED MAINS		HYDRANT-RETAIN	
TRUNK MAIN		DISTRICT METER	
CAPPED END		NEW VALVE	
LISTED BUILDING		VALVE TO BE ABANDONED	
SPECIAL NEEDS		VALVE TO BE RETAINED	
KEY ACCOUNTS		ABANDON HYDRANT	
COMMERCIAL RISK CODE		BOUNDARY VALVE	
DIALYSIS CUSTOMER		THRUST BLOCK	
HOSPITALS		WATERCOURSE	
SCHOOLS			

SCALE= NOT TO SCALE (ISO A1)

**CURRENT REVISION INFORMATION**

Revision	Status	Submittal Description	Authored	Checked	Reviewed	Date
C02	S4	FOR CONSTRUCTION	AG	AA	DM	23/01/23
C01	S4	FOR CONSTRUCTION	AB	AA	DM	10/10/22
P01	S2	BE UNDERSTOOD	KG	AA	NG	22/08/22



LOCATION CODE: SW2 3EB  
 OS REFERENCE: 531112, 172949  
 SECURITY REF.: UBR

PROJECT GROUP: MAINS REPLACEMENT  
 SUB PROCESS: CLEAN WATER

LOCATION/TOWN: LAMBETH

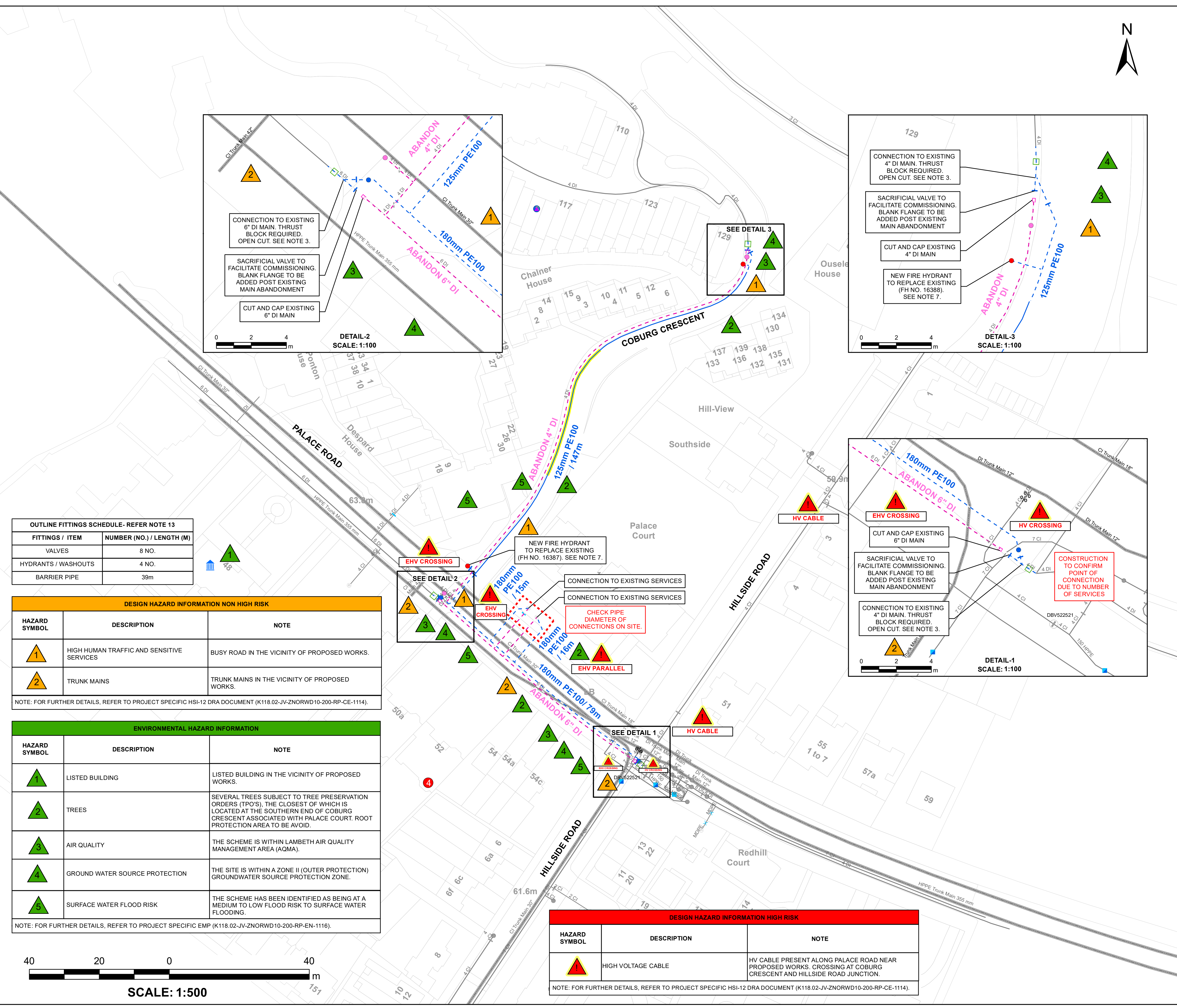
SITE NAME: COBURG CRESCENT

PROJECT NAME: AMP7- SOUTH LONDON MAINS REPLACEMENT- BATCH 4

DRAWING TITLE: 10070 COBURG CRESCENT

SCALE: 1:500  
 SHEET SIZE: A1  
 STATUS: S4

DRAWING NO.: K118.02-JV-ZNORWD10-201-DR-CE-1115  
 REVISION: C02



**OUTLINE FITTINGS SCHEDULE- REFER NOTE 13**

FITTINGS / ITEM	NUMBER (NO.) / LENGTH (M)
VALVES	8 NO.
HYDRANTS / WASHOUTS	4 NO.
BARRIER PIPE	39m

**DESIGN HAZARD INFORMATION NON HIGH RISK**

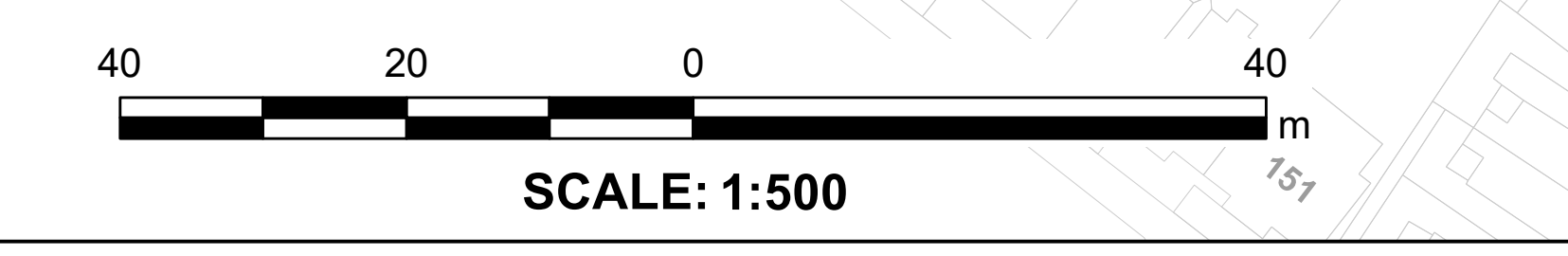
HAZARD SYMBOL	DESCRIPTION	NOTE
	HIGH HUMAN TRAFFIC AND SENSITIVE SERVICES	BUSY ROAD IN THE VICINITY OF PROPOSED WORKS.
	TRUNK MAINS	TRUNK MAINS IN THE VICINITY OF PROPOSED WORKS.

NOTE: FOR FURTHER DETAILS, REFER TO PROJECT SPECIFIC HSI-12 DRA DOCUMENT (K118.02-JV-ZNORWD10-200-RP-CE-1114).

**ENVIRONMENTAL HAZARD INFORMATION**

HAZARD SYMBOL	DESCRIPTION	NOTE
	LISTED BUILDING	LISTED BUILDING IN THE VICINITY OF PROPOSED WORKS.
	TREES	SEVERAL TREES SUBJECT TO TREE PRESERVATION ORDERS (TPO'S), THE CLOSEST OF WHICH IS LOCATED AT THE SOUTHERN END OF COBURG CRESCENT ASSOCIATED WITH PALACE COURT. ROOT PROTECTION AREA TO BE AVOID.
	AIR QUALITY	THE SCHEME IS WITHIN LAMBETH AIR QUALITY MANAGEMENT AREA (AQMA).
	GROUND WATER SOURCE PROTECTION	THE SITE IS WITHIN A ZONE II (OUTER PROTECTION) GROUNDWATER SOURCE PROTECTION ZONE.
	SURFACE WATER FLOOD RISK	THE SCHEME HAS BEEN IDENTIFIED AS BEING AT A MEDIUM TO LOW FLOOD RISK TO SURFACE WATER FLOODING.

NOTE: FOR FURTHER DETAILS, REFER TO PROJECT SPECIFIC EMP (K118.02-JV-ZNORWD10-200-RP-EN-1116).



**DESIGN HAZARD INFORMATION HIGH RISK**

HAZARD SYMBOL	DESCRIPTION	NOTE
	HIGH VOLTAGE CABLE	HV CABLE PRESENT ALONG PALACE ROAD NEAR PROPOSED WORKS. CROSSING AT COBURG CRESCENT AND HILLSIDE ROAD JUNCTION.

NOTE: FOR FURTHER DETAILS, REFER TO PROJECT SPECIFIC HSI-12 DRA DOCUMENT (K118.02-JV-ZNORWD10-200-RP-CE-1114).