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Notes

DISCREPANCIES:
THE CONTRACTOR SHALL INFORM THE ENGINEER OF ANY DISCREPANCY FOUND IN RELEVANT DOCUMENTS.

EXISTING WORK:
THE CONTRACTOR IS RESPONSIBLE FOR THE STABILITY OF EXISTING STRUCTURES, SERVICES AND EARTHWORKS ON AND ADJACENT TO THE SITE.

FOUNDATIONS:
MATERIALS AND WORKMANSHIP SHALL COMPLY WITH BS EN 1997 AND THE CORRESPONDING UK NATIONAL ANNEXES.

DESIGN STANDARDS:
MATERIAL AND WORKMANSHIP SHALL COMPLY WITH THE FOLLOWING EUROCODES AND THEIR UK NATIONAL ANNEXES AS APPROPRIATE:
BS EN 1992 DESIGN OF CONCRETE STRUCTURES
BS EN 1993 DESIGN OF STEEL STRUCTURES
BS EN 1996 DESIGN OF MASONRY STRUCTURES

CONCRETE:
CONCRETE TO BE DESIGN CLASS DC-1.
ALL CONCRETE TO BE C28/35. AGGREGATE SIZE 20mm MIN. CEMENT CONTENT, 360kg/m³ MAX. FREE WATER/CEMENT RATIO 0.40. CONCRETE TO BE MECHANICALLY VIBRATED.

PLASTICISERS SHOULD ONLY BE USED WITH THE WRITTEN PERMISSION OF THE ENGINEER.

STEELWORK:
ALL STRUCTURAL STEELWORK TO BE GRADE S275 MINIMUM.

ALL STEELWORK TO BE HOT-DIP GALVANIZED TO BS EN ISO 1461 TO 85µm PLUS EXTERNAL 2-COAT PAINT SYSTEM. POST GALVANISING, THIS REQUIRES (i) MORDANT WASH; (ii) ETCH PRIMER 40µm; and (iii) HIGH BUILD EPOXY MICACEOUS IRON OXIDE (MIO) 100µm.

ALL FASTENINGS MUST BE SHERARDISED AND COVERED WITH 2-COAT PAINT SYSTEM.

KINGPOSTS:
ALL STEEL KING POSTS TO BE 152x152x37 UC.

MASONRY BRICKWORK:
MAIN CLADDING BRICKWORK TO BE WIENERBERGER TERCA CLASS B ENGINEERING BRICK IN M6 (DESIGNATION (iii)) MORTAR.

GALVANISED END CRAMPS ARE REQUIRED AT ALL FREE ENDS OF ON-EDGE BRICKWORK COPING

MOVEMENT JOINTS:
MOVEMENT JOINTS TO BE NOMINALLY 10 mm FIDE FILLED WITH COMPRESSIBLE JOINT FILLER MATERIAL (CELLULAR POLYETHYLENE OR CELLULAR POLYURETHANE) AND PROVIDED WITH A POLYSULPHIDE SEALANT (MINIMUM 10mm THICK) ON THE EXPOSED FACE.

MOVEMENT JOINTS SHOULD COMMENCE AT SHELF SUPPORT LEVEL AND CONTINUE THROUGH MAIN BODY OF WALL AND THROUGH COPINGS.

TIES WITH DE-BONDING SLEEVES SHOULD BE USED TO TIE THE PANELS OF BRICKWORK TOGETHER AND MAINTAIN STABILITY

-	ISSUED FOR CONSTRUCTION SUBJECT TO THE NECESSARY APPROVALS	TZ		15/01/2019
Rev.	Description	Dm.	Chk.	Date

Client

**PERSIMMON**
Together, we make a home
PERSIMMON HOMES THAMES VALLEY

Project

**TODDINGTON LANE
LITTLEHAMPTON
WEST SUSSEX**

Drawing Title

**LOCATION OF SERVICES ON PLAN
IN RELATION TO RETAINING WALL**

Optimal Structural Engineers Ltd



105 Godwin Road
Hove
East Sussex, BN3 7FS.

T: 01273 420 269
E: info@optimalengineers.co.uk
W: www.optimalengineers.co.uk

Status		CONSTRUCTION	
Date	APRIL 2018	Scale	1:50 @ A1
Drawn by	TZ	Approved	
Client Ref.	886	Project Ref.	OP1314
Drawing Number	OP1314/403		Revision
			-

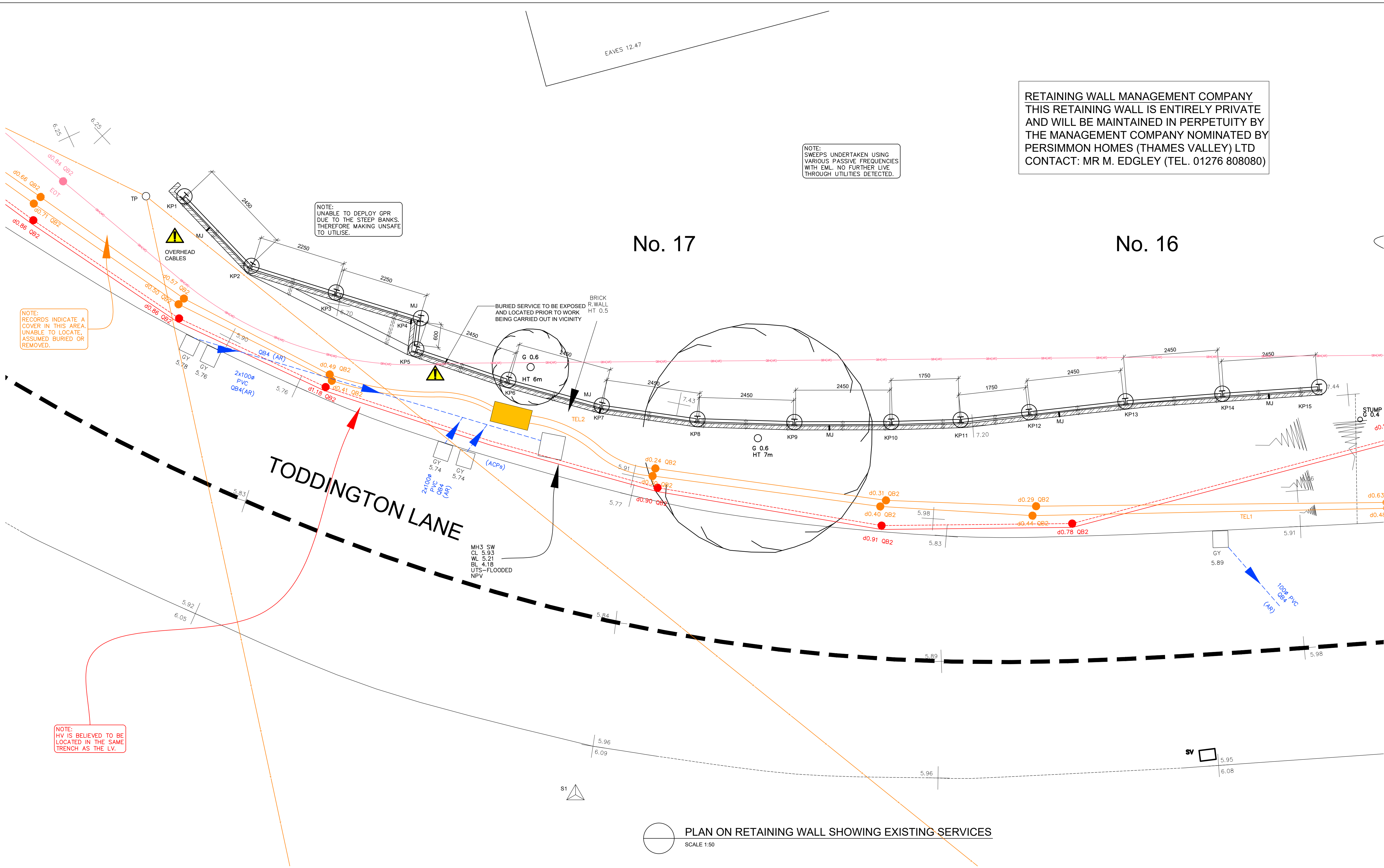
RETAINING WALL MANAGEMENT COMPANY
THIS RETAINING WALL IS ENTIRELY PRIVATE
AND WILL BE MAINTAINED IN PERPETUITY BY
THE MANAGEMENT COMPANY NOMINATED BY
PERSIMMON HOMES (THAMES VALLEY) LTD
CONTACT: MR M. EDGLEY (TEL. 01276 808080)

NOTE:
SWEEPS UNDERTAKEN USING
VARIOUS PASSIVE FREQUENCIES
WITH EML. NO FURTHER LIVE
THROUGH UTILITIES DETECTED.

NOTE:
UNABLE TO DEPLOY GPR
DUE TO THE STEEP BANKS.
THEREFORE MAKING UNSAFE
TO UTILISE.

NOTE:
RECORDS INDICATE A
COVER IN THIS AREA.
UNABLE TO LOCATE.
ASSUMED BURIED OR
REMOVED.

NOTE:
HV IS BELIEVED TO BE
LOCATED IN THE SAME
TRENCH AS THE LV.



PLAN ON RETAINING WALL SHOWING EXISTING SERVICES
SCALE 1:50

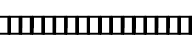
LEGEND

- CATV / DATA - ASSUMED ROUTE OF UTILITY THAT IS EXPECTED TO EXIST BUT COULD NOT BE DETECTED DURING SURVEY.
- OVERHEAD TELECOM
- CATV / DATA
- TELECOM
- ELECTRICITY - LOW VOLTAGE
- ELECTRICITY - HIGH VOLTAGE
- SURFACE WATER SEWER

DESIGNER RISK ASSESSMENT - CDM (2015)

-  DANGER OF ENTRAPMENT OR BEING BURIED UNDER COLLAPSED UNSUPPORTED MATERIAL. MINIMISE LENGTH OF UNSUPPORTED GROUND WHILST WORKING IN VICINITY. WORK TO METHOD STATEMENT.
-  HIGH AND LOW VOLTAGE CABLES UNDERGROUND. RISK ASSESS AND WORK TO PREPARED METHOD STATEMENTS.
-  BE AWARE AND MITIGATE AGAINST GENERAL HAZARDS ASSOCIATED WITH PILING AND INSTALLATION OF THE RETAINING WALL, SUCH AS HEAVY LIFTING, PLANT MOVEMENT ETC.
-  DO NOT LEAVE EXCAVATED FACES UNPROTECTED FOR ANY DURATION OF TIME. PANELS TO BE ERECTED AS SOON AS IS PRACTICABLE AFTER THE FACE IS OPENED.

LEGEND

-  DENOTES GALVANISED UKA 100x75x12 ROLLED STEEL ANGLE BOLTED TO KINGPOSTS USING SHERARDISED M20 CLASS 8.8 BOLTS
-  DENOTES BRICK ON EDGE COPING. COPING TO BE F2/S2 RATED FORMED FROM A DENSE FACING BRICK TYPE WITH SMOOTH TEXTURE AND A WATER ABSORPTION ≤10%.
-  DENOTES ENGINEERING BRICKS IN M12 MORTAR AND MINIMUM TWO COURSES ABOVE GROUND LEVEL.
-  DENOTES 80 mm THICK NAYLOR CONCRETE PRODUCTS PRECAST/ PRESTRESSED BAYWALL RETAINING WALL PANELS
-  DENOTES 115 mm THICK NAYLOR CONCRETE PRODUCTS PRECAST/ PRESTRESSED BAYWALL RETAINING WALL PANELS