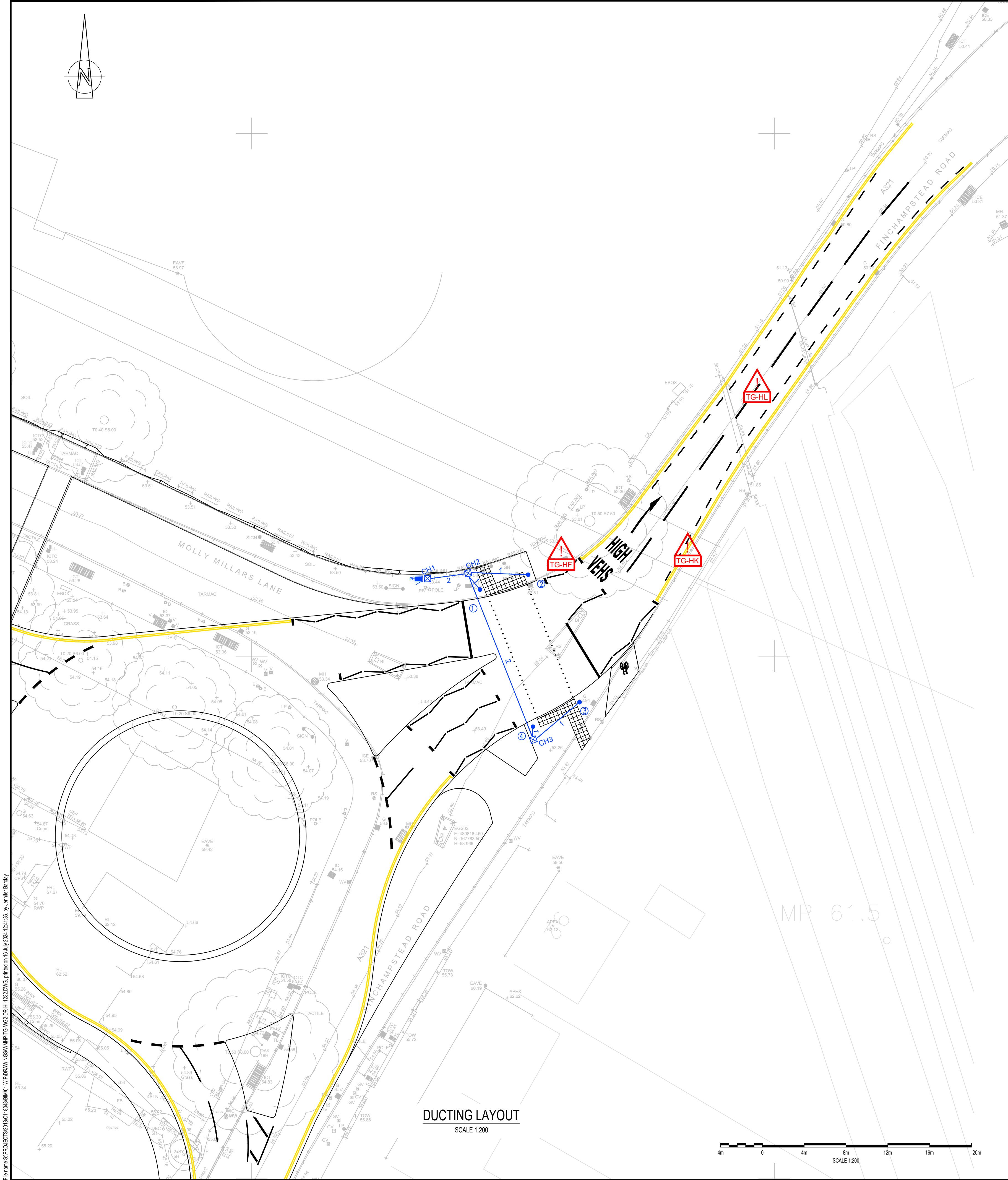




DUCTING NOTES

1. THE LOCATION OF THE CONTROLLER BASE, POWER PILLAR, ALL POLE SOCKETS AND CHAMBERS ALL SHALL BE AGREED ON SITE WITH THE LOCAL AUTHORITY TRAFFIC SIGNAL ENGINEER.
2. A SINGLE 50mm ORANGE DUCT RUN SHALL BE PROVIDED FROM THE POWER PILLAR INTO THE CONTROLLER.
3. BETWEEN THE CONTROLLER AND CHAMBER CH1 2 X 100mm ORANGE CONNECTING DUCTS SHALL BE INSTALLED.
4. THE CONTROLLER CABINET SHALL BE A NAL 'CABINET STYLE' BASE APPROPRIATE FOR THE CONTROLLER TYPE. THE CONTROLLER CABINET BASE SHALL BE INSTALLED TO MANUFACTURE'S REQUIREMENTS.
5. POLE RETENTION SOCKETS SHALL BE NAL RS115 UNLESS OTHERWISE AGREED WITH THE LOCAL AUTHORITY TRAFFIC SIGNAL ENGINEER. SOCKETS SHALL BE INSTALLED TO THE MANUFACTURE'S REQUIREMENTS.
6. CHAMBERS SHALL BE NAL STAKKABOX AND SHALL HAVE A GRADE C250 COMPOSITE LID WITH STEEL FRAMES. CHAMBERS SHALL BE INSTALLED TO THE MANUFACTURE'S REQUIREMENTS.
7. ALL NEW DUCTING SHALL BE POLYPROPYLENE, ORANGE IN COLOUR, SMOOTH BORE WITH 'TRAFFIC SIGNALS DUCTS' IMPRINTED ON THE DUCTS. DRAW CORDS SHALL BE INCLUDED IN ALL DUCTS.
8. ALL WORKS SHALL COMPLY WITH THE APPENDIX 12/5 WORKS SPECIFICATION AND ALL OTHER RELEVANT ENGINEERING DETAILS AND DRAWINGS. THE SCHEME SHALL BE CARRIED OUT IN ACCORDANCE WITH THE DMRB CODE OF PRACTICE.

CHAMBER SCHEDULE

CHAMBER REFERENCE	SIZE OF CHAMBER (mm)	DEPTH OF DEEPEST DUCT (mm)	COMMENTS
CH1	600 x 600	400	ADJACENT TO CONTROLLER
CH2	600 x 600	700	
CH3	600 x 600	700	

NOTES:
1. DEPTH OF DEEPEST DUCT IS TO THE TOP OF THE DUCT.

SIGNIFICANT RESIDUAL HAZARDS

RESIDUAL HAZARD	STAGE	SUGGESTED CONTROL MEASURE
 STRIKING UNDERGROUND SERVICES	C	HAND DIGGING AND CAT SCANNING TECHNIQUES SHALL BE UNDERTAKEN TO LOCATE SERVICES/UTILITIES. MARK UP ON SITE IF REQUIRED. NO WORKS TO BE UNDERTAKEN WITHOUT A VALID PERMIT TO DIG.
 ELECTROCUTION OF OPERATIVES - LARGE PLANT OR INFRASTRUCTURE STRIKING OVERHEAD CABLES (WHICH EXTENDS ACROSS AND ALONG MOLLY MILLARS LANE BEFORE CROSSING FINCHAMPSTEAD ROAD (NORTH OF THE ROUNDABOUT))	C	ALL WORKERS WORKING IN THE VICINITY ARE TO BE AWARE OF THE LOCATION OF OVERHEAD CABLES AND THE ELECTRICITY PYLON AT ALL TIMES DURING THE WORKS. ENSURE THAT THE PROCEDURES SET OUT IN GUIDANCE NOTE GS6 ARE CARRIED OUT AND A SAFE SYSTEM OF WORK IS IN PLACE.
 PLANT/EQUIPMENT STRIKING THE RESTRICTED HEIGHT RAIL OVERBRIDGE ON FINCHAMPSTEAD ROAD (NORTH OF THE ROUNDABOUT) -12'6" (3.8M) AT CENTRE, 9'9" (3.0M) ABOVE NORTHBOUND LANE (DUE TO ARCH)	C	DUE CONSIDERATION SHOULD BE MADE TO ACCESS AND EGRESS FOR LARGE PLANT ENTERING OR LEAVING THE SITE. ROBUST PLANNING WITH REGARDS TO TM AND TRAFFIC DIVERSIONS TO BE PUT IN PLACE TO MANAGE SITE TRAFFIC. APPROPRIATE SIGNAGE SHOULD REMAIN OR TEMPORARY SIGNS ERECTED IN THEIR PLACE AT ALL TIMES IN ACCORDANCE WITH TSM CHAPTER 8.

NOTE: The above hazards do not include every hazard or assumption, but identify significant residual construction hazards that are not likely to be obvious to a competent contractor and those that could be difficult to manage effectively. Refer also to the designer's risk documentation.

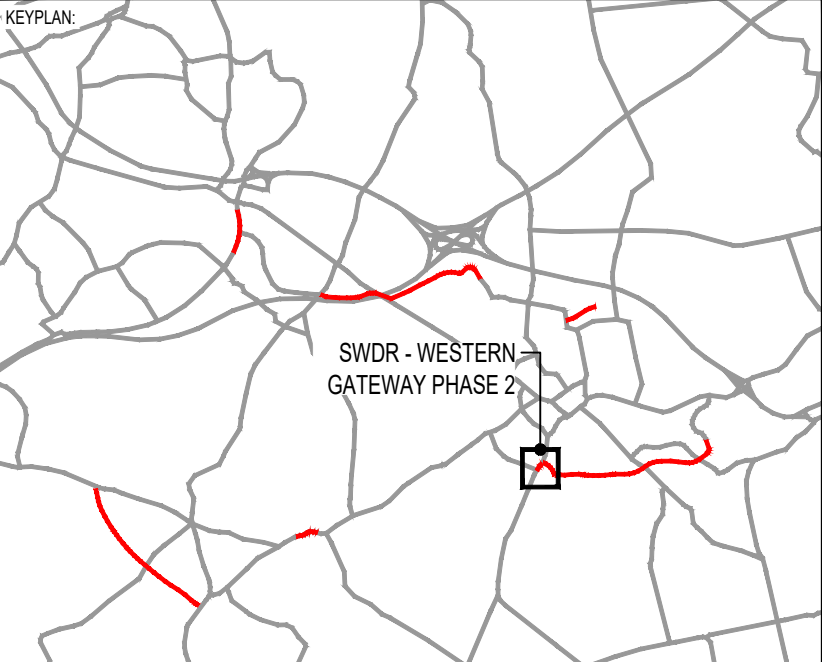
DO NOT SCALE

NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE NOTED.
2. ALL LEVELS ARE IN METRES AOD UNLESS NOTED OTHERWISE.
3. THIS DRAWING SHALL ONLY BE USED FOR THE DESIGN ELEMENT STATED IN THE DRAWING TITLE.
4. FOR DETAILS OF HIGH FRICTION SURFACING REFER TO 700 SERIES.
5. FOR DETAILS OF TACTILE PAVING REFER TO 1100 SERIES.
6. DRAWING TO BE READ IN CONJUNCTION WITH DRAWINGS
WMHP-TG-WG2-DR-HI-1201,
WMHP-TG-WG2-DR-HI-1211,
WMHP-TG-WG2-DR-HI-1221,
AND SPECIFICATION
WMHP-TG-WG2-SP-HI-1201.

LEGEND

-  NAL SOCKET (RS115DF)
-  POLE NUMBERING
-  100mm ORANGE TRAFFIC SIGNAL DUCT, NUMBER OF DUCTS AS SHOWN
-  600mm X 600mm TWINWALL CHAMBER
-  CH1 CHAMBER REFERENCE
-  CONTROLLER ON NAL BASE
-  POWER PILLAR



P05	16/07/2024	JB	UPDATED FOR PLANNING CONDITION DISCHARGE	DJF	JC
P04	02/06/2022	HD	MATTERS OUTSTANDING WMHP-TG-WG2-RC-DM-0002	BH	JC
P03	27/08/2021	BH	REVISED FOR SCO COMMENTS	PR	IR
REV	DATE	BY	DESCRIPTION	CHK	APP

DRAWING STATUS: **SUITABLE FOR EXAMINATION** **S8**

DESIGNER:  **Tony Gee**
Consulting Civil, Structural and Geotechnical Engineers
Tony Gee and Partners LLP
Hardy House
140 High Street
Esher, Surrey
KT10 9QJ
Tel: 01372 461600
www.tonygee.com

CONTRACTOR:

Balfour Beatty

CLIENT:  **WOKINGHAM BOROUGH COUNCIL**
Shute End, Wokingham, Berkshire RG40 1BN
Tel: (0118) 974 6000 Web: www.wokingham.gov.uk

PROJECT: **WOKINGHAM MAJOR HIGHWAYS PROGRAMME**
SWDR WESTERN GATEWAY PHASE 2

TITLE: **ROUNDAABOUT ENHANCEMENT**
FINCHAMPSTEAD ROAD TOUCAN CROSSING
DUCTING LAYOUT SHEET 2 OF 6

SCALE @ A1:	1:250	CHECKED:	PR	APPROVED:	IR
PROJECT NO:	C118048	DESIGNED:	IR	DRAWN:	ANT
DRAWING NO:	WMHP-TG-WG2-DR-HI-1232	DATE:	March 21	REV:	P05

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