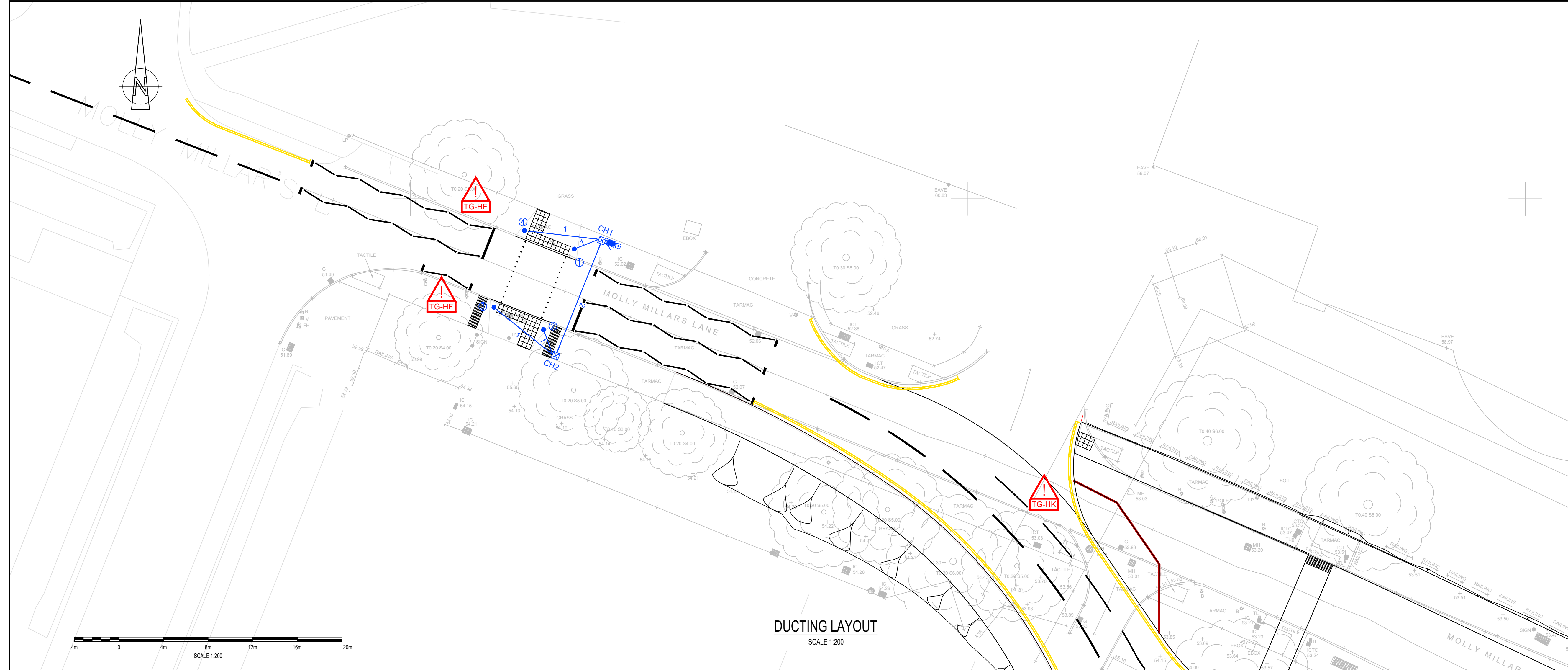
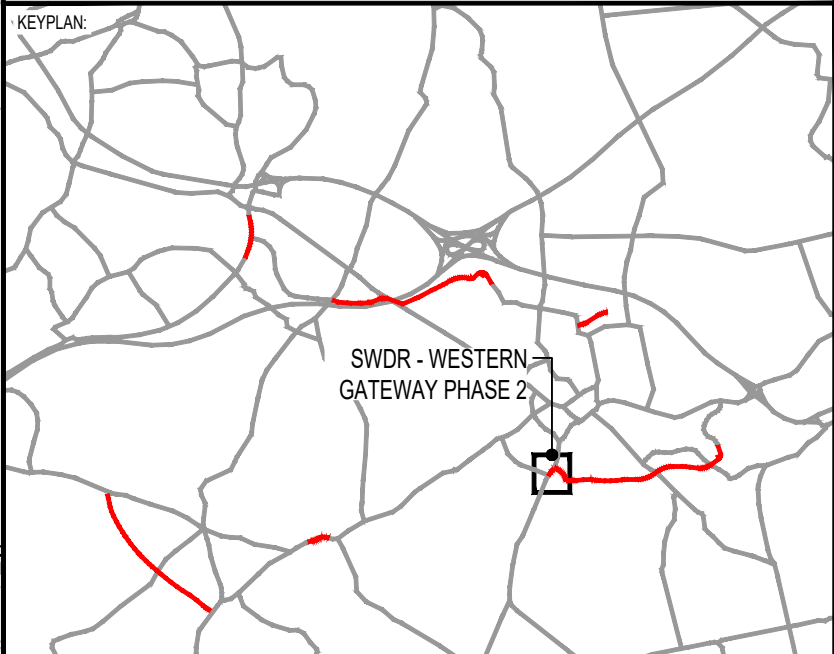




DO NOT SCALE

- NOTES:
- ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE NOTED.
 - ALL LEVELS ARE IN METRES AOD UNLESS NOTED OTHERWISE.
 - THIS DRAWING SHALL ONLY BE USED FOR THE DESIGN ELEMENT STATED IN THE DRAWING TITLE.
 - FOR DETAILS OF HIGH FRICTION SURFACING REFER TO 700 SERIES.
 - FOR DETAILS OF TACTILE PAVING REFER TO 1100 SERIES.
 - 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
 - CHAMBER REFERENCE
 - CONTROLLER ON NAL BASE
 - PROPOSED POWER PILLAR



- DUCTING NOTES**
- CONTROLLER, POWER PILLAR AND ALL POLE SOCKET LOCATIONS TO BE AGREED ON SITE WITH THE LOCAL AUTHORITY TRAFFIC SIGNAL ENGINEER.
 - A SINGLE 50MM ORANGE DUCT RUN SHALL BE PROVIDED FROM THE POWER PILLAR INTO THE CONTROLLER.
 - BETWEEN THE CONTROLLER AND CHAMBER CH1 2 X 100MM ORANGE CONNECTING DUCTS SHALL BE INSTALLED. 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.
 - 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.
 - 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.
 - 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.
 - 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.
 - 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.

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 058 ARE CARRIED OUT AND A SAFE SYSTEM OF WORK IS IN PLACE.
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.		

CHAMBER SCHEDULE			
CHAMBER REFERENCE	SIZE OF CHAMBER (MM)	DEPTH OF DEEPEST DUCT (mm)	COMMENTS
CH1	600 x 600	700	ADJACENT TO CONTROLLER
CH2	600 x 600	700	
NOTES: 1. DEPTH OF THE DEEPEST DUCT IS TO THE TOP OF THE DUCT.			

P03	27/08/2021	BH	REVISED FOR SCO COMMENTS	PR	IR
P02	30/07/2021	ANT	REVISED FOR PLANNING DISCHARGE AND SCO COMMENTS	PR	IR
P01	01/04/2021	ANT	DETAILED DESIGN ISSUE	BHJPG	JC
REV	DATE	BY	DESCRIPTION	CHK	APP

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

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

TITLE: **ROUNDAABOUT ENHANCEMENT
MOLLY MILLARS LANE TOUCAN CROSSING
DUCTING LAYOUT** SHEET 4 OF 6

SCALE @ A1: 1:250	CHECKED: PR	APPROVED: IR
PROJECT NO: C118048	DESIGNED: IR	DRAWN: ANT
DRAWING No: WMHP-TG-WG2-DR-HI-1234	DATE: March 21	REV: P03

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