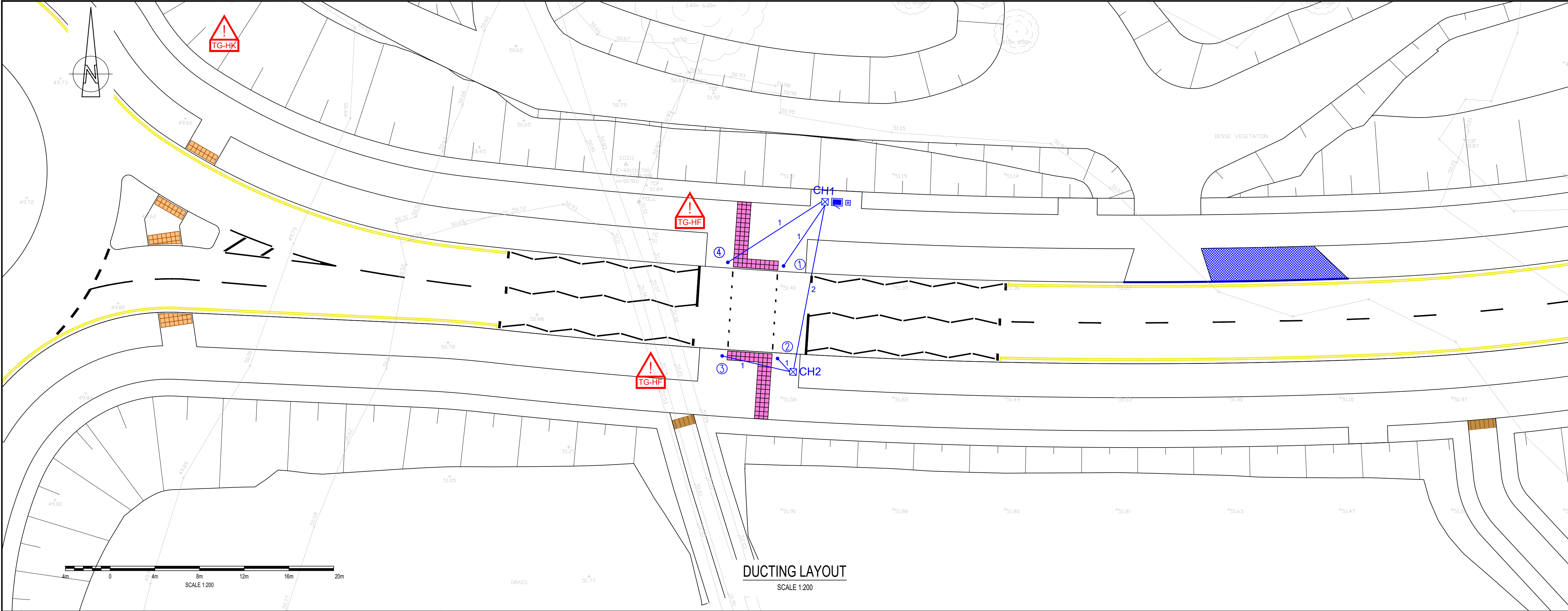




DO NOT SCALE

NOTES:

- ALL DIMENSIONS ARE IN MILLIMETRES UNLESS NOTED OTHERWISE.
- 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 PSV SURFACING REFER TO 700 SERIES.
- FOR DETAIL OF KERBS, FOOTWAYS AND PAVED AREAS REFER TO 1100 SERIES.
- DRAWING TO BE READ IN CONJUNCTION WITH DRAWINGS
WMHP-TG-SRWG1-DR-HI-1201 TO 1208
WMHP-TG-SRWG1-DR-HI-1221
AND SPECIFICATIONS
WMHP-TG-SRWG1-SP-HI-1201 AND 1205

LEGEND

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

LOCATION PLAN

KEYPLAN

P04	14/10/2024	DJF	REVISED FOR PLANNING DISCHARGE	JC	JC
P03	02/06/2022	NZM	MATTERS OUTSTANDING WMHP-TG-SRWG1-RG-DM-0010	BH	JC
P02	25/03/2022	ANT	REVISED FOLLOWING SGO COMMENTS	JPG	JC
REV	DATE	BY	DESCRIPTION	CHK	APP

DRAWING STATUS:

SUITABLE FOR APPROVAL

S5

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PROJECT:

SPINE ROAD AND WESTERN GATEWAY PHASE 1

TITLE:

HIGHWAYS
SWDR BY FP25 TOUCAN
DUCTING LAYOUT

SHEET 2

SCALE @ A1:	1:200	CHECKED:	IR	APPROVED:	IR
PROJECT NO:	C118047	DESIGNED:	PR	DRAWN:	BPH
DATE:	JULY 2021	DATE:	JULY 2021	DATE:	JULY 2021

DRAWING No: WMHP-TG-SRWG1-DR-HI-1236

REV: P04

- ### 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 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.

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:

- DEPTH OF THE DEEPEST DUCT IS TO THE TOP OF THE DUCT; AND
- WHERE A DUCT CROSSES UNDER BOTH CARRIAGEWAY AND FOOTWAY, THE DUCT SHOULD BE MAINTAINED AT A CONSISTENT DEPTH OF 700mm ALONG ITS ENTIRE LENGTH.

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.

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