

INSET A
SCALE 1:20

Pole Number	R/A/G (primary)	Far-sided Red/Green Man Pedestrian Display Unit with Green Cycle Display	On Crossing Detector	Push Button	Tactile Unit	Audible Unit	PE Cell
1	2 No.	1 No.	1 No.	1 No.	1 No.	-	1 No.
2	1 No.	-	-	1 No.	-	1 No.	-
3	2 No.	1 No.	1 No.	1 No.	1 No.	-	-
4	1 No.	-	-	1 No.	-	1 No.	-

Pole Number	Pole Type	PRS Location
1	4m length	500mm from Kerfpace to pole edge 560mm from Tactiles to centre of pole socket
2	4m length	500mm from Kerfpace to pole edge 560mm from Tactiles to centre of pole socket
3	4m length	500mm from Kerfpace to pole edge 560mm from Tactiles to centre of pole socket
4	4m length	500mm from Kerfpace to pole edge 560mm from Tactiles to centre of pole socket

- Equipment Key:**
- 3 Aspect Signal with Primary Visor
 - Far-sided Red / Green Man Pedestrian Display Unit with Green Cycle Display
 - 'On crossing' Pedestrian Presence Detector
 - Toucan Pedestrian Push Button
 - ⓪ Signal Pole Reference Number
 - ⊙ Audible Unit
 - ⊛ Rotating Tactile Cone
 - ⊠ Photo-Electric Cell
- Civils Key:**
- Controller + NAL Controller Base System
 - ⊠ Electrical Mini Feeder Pillar. Electrical service to be provided by DNO.
 - Pole Retention Socket: Duckfoot, RS115.
 - ⊠ Pre-formed Access Chamber (600 x 600 x 970)
 - ⊠ Pre-formed Access Chamber (450 x 450 x 640)
 - ⊠ Detector Loop (Toucan Crossing)
 - ⊠ Detector Loop (Speed Detection)
 - - - Traffic Signal Duct, orange, 100mm diameter
 - - - Electrical Duct, black, 50mm diameter
 - 4m Pole
 - 2m Pole

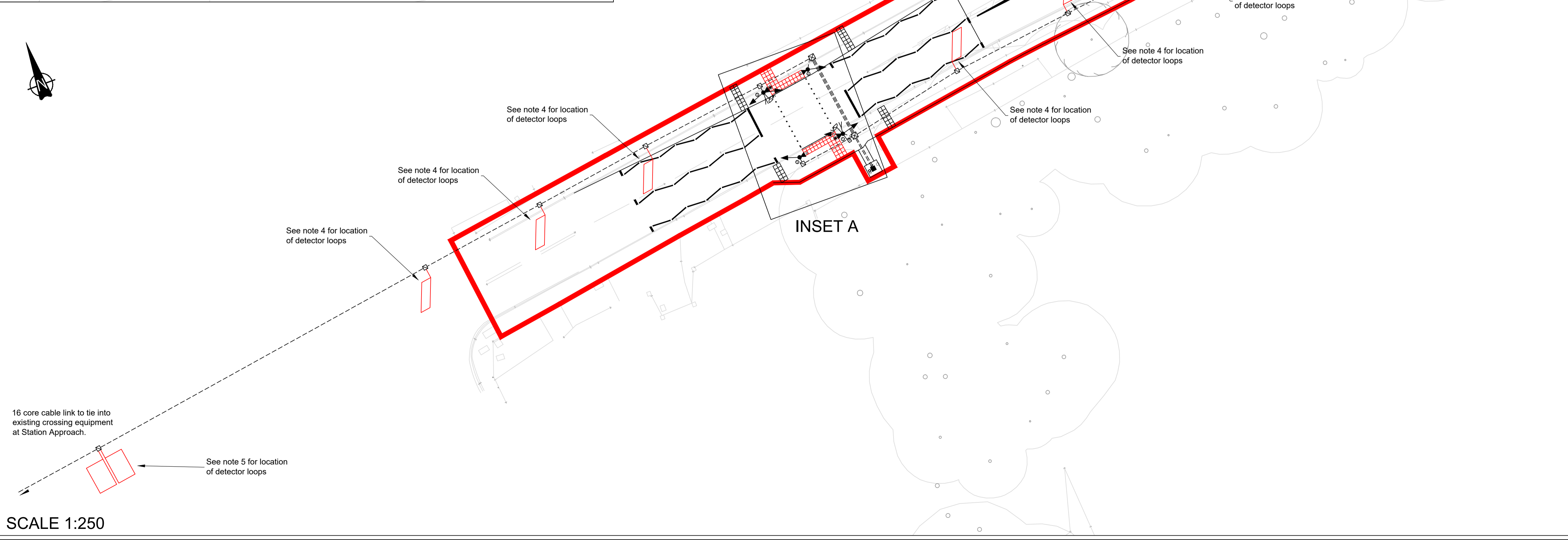
RESIDUAL DESIGN HAZARDS

THE FOLLOWING HAS BEEN COLLECTED FROM THE PRE-CONSTRUCTION INFORMATION AND HIGHLIGHTS KNOWN RESIDUAL HAZARDS.

KEY: HS-# = HEALTH AND SAFETY RISK REFERENCE NUMBER
E-# = ENVIRONMENT RISK REFERENCE NUMBER

- WORKING ADJACENT TO LIVE TRAFFIC AND PEDESTRIANS
- RISK OF ELECTROCUTION
- WORKING AT HEIGHT WHEN ERECTING SIGNAL HEADS AND COLUMNS

- NOTES**
- ELV INSTALLATION (INC. CONTROLLER & EQUIP).
 - OMCU TO BE PROVIDED WITH GSM COMMS (TO ALLOW FOR CONNECTION TO SCC RMS).
 - MIN. COVER TO DUCT IS 750mm IN CARRIAGEWAY AND 450mm IN FOOTWAY.
 - SYSTEM 'D' DETECTION LOOPS SHALL BE LOCATED 12m, 25m AND 39m IN ADVANCE OF THE 'STOP LINE'.
 - DOUBLE SPEED DISCRIMINATION DETECTION IS REQUIRED ON BOTH APPROACHES WITH THE LEADING EDGE OF THE NEAREST LOOP LOCATED 79M FROM THE STOP LINE.



SCALE 1:250

REV	DETAILS	CHKD	APPD	DATE
P06	Pole 2 and 4 amended	YB	THP	14-05-18
P05	Drawing amended following comments	YB	GSH	08-11-17
P04	Drawing amended following SCC comments	YB	GH	03-08-17
P03	Toucan update	MR	GH	21-11-16
P02	Lay by removed	MS	GH	03-06-16
P01	Drawings amended following RSA 2	DH	JL	01-06-16

DRAWN : AP	DRAWING STATUS
DESIGN : DSH	WORKING DRAWING
CHKD : JI	PRELIMINARY DRAWING ✓
APPD : GSH	EXTERNAL ISSUE
DATE : 18/04/16	AS-BUILT
SUITABILITY :	FOR TENDER

CLIENT

OCTAGON

AGENT

mouchel
building great relationships

SCHEME NAME

**Parvis Road,
Broadoaks**

DRAWING TITLE

Toucan Crossing

STATUS: D2	SUITABILITY: D2	ORIG DRAWING SIZE: A1	DIMENSIONS: AS STATED	SCALE: AS STATED	COPYRIGHT: © KIER
DRAWING NUMBER		SCHEME REFERENCE No.		REVISION	
PROJECT: 1067706	ORIGINATOR: MOU	VOLUME: HGN	SCH		P 05
BROADOAKS - DR - HE - 1200-0004		LOCATION		TYPE ROLE NUMBER	