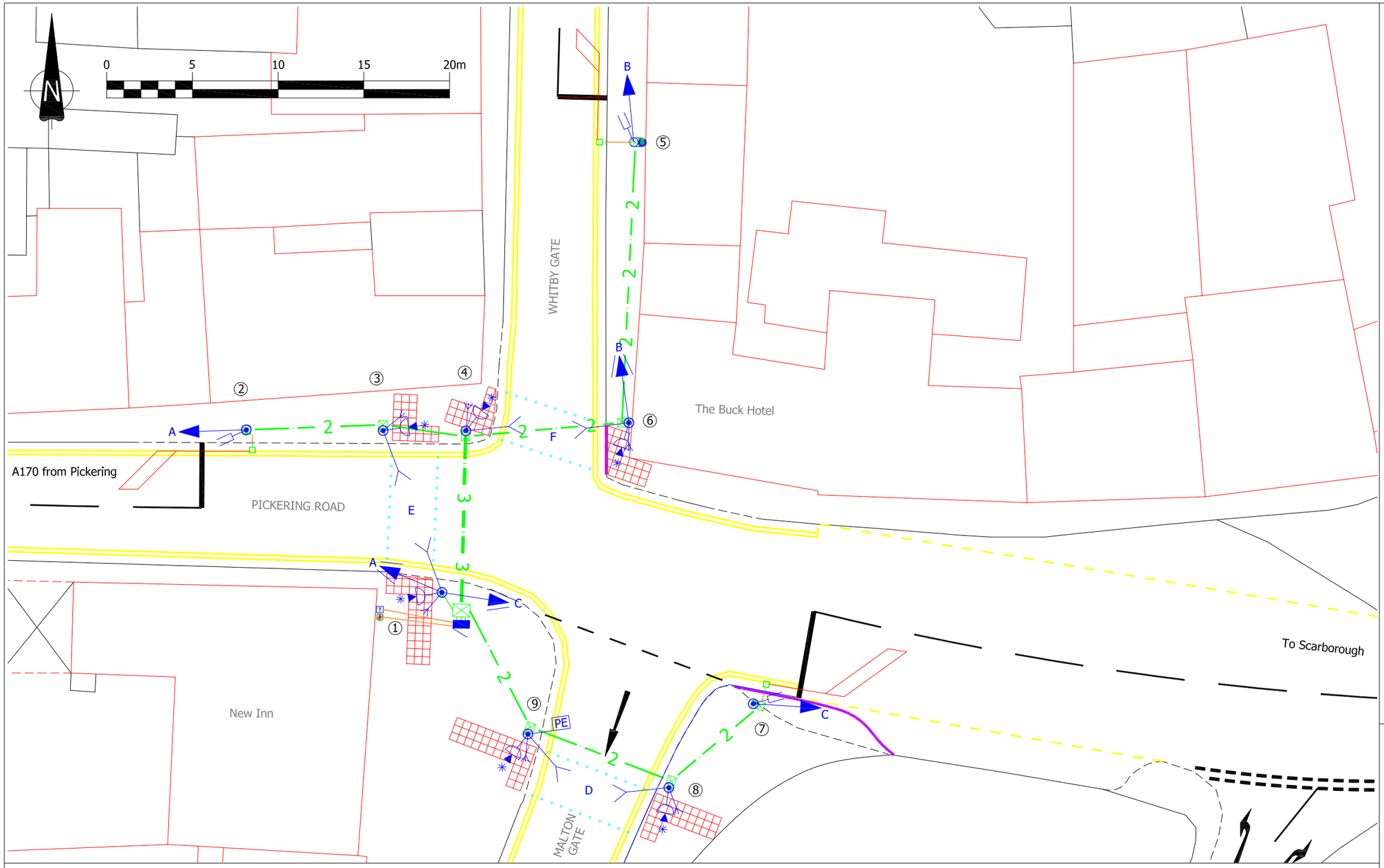
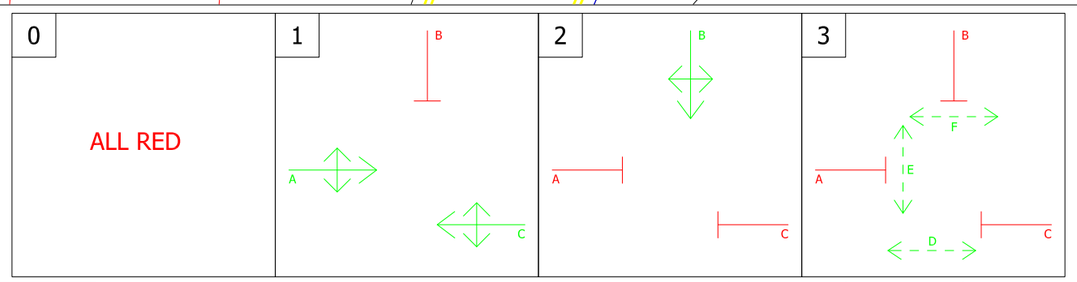


Key:

- Signal pole - low level access - coloured black
- Swan-neck signal pole - low level access - coloured black
- Primary signal head - RAG - Type 1
- A — Signal phase label
- Secondary signal head - RAG - Type 1
- Push button unit - Pedestrian demand - with rotating tactile indicator incorporating Pedestrian Red Man / Green Man display
- Pedestrian kerb-side detector - above ground
- Pedestrian on-crossing detector - above ground
- Vehicle movement detector - above ground
- PE — Photo-electric cell - signal dimming
- Communications - pillar for PSTN line
- Signals controller - cabinet coloured black
- Electricity supply feeder pillar
- ⑧ — Signal pole number
- Access chamber
- Pole retention socket - NAL RS115 or similar approved by NYCC
- 1 — Ducting for signal cables - 1 No. 100mm diameter coloured orange
- 2 — Ducting for signal cables - 2 No. 100mm diameter coloured orange
- 3 — Ducting for signal cables - 3 No. 100mm diameter coloured orange
- Ducting for loop detectors, PSTN & power cables - 1 No. 50mm diameter coloured orange or black
- Carriageway loop box
- Inductive loop vehicle detector - at stop-line
- Tactile paving - coloured red
- 100mm x 100mm square road studs - Metal with grooved top surface
- Waiting restriction - Double yellow line markings
- New kerb line / edge of footway build-out

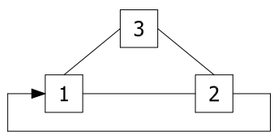
1. The final position of the equipment is to be agreed with the NYCC Signals Engineer on site.
2. All electrical, construction and reinstatement works to be carried out to NYCC detailed specification.
3. The existing puffin crossing signals equipment is to be de-commissioned and removed.
4. All new traffic signals equipment to be ELV LED type.
5. The signal poles and controller cabinet are to be black in colour.
6. All poles are to be low level access type and include water resistant termination enclosure.
7. Pole number 5 is to be a swan-neck cranked pole.
8. The height of the push-buttons is to be 1.8m above ground level.
9. Road studs are to be 100mm x 100mm square stainless steel, and be placed at 600mm centres. These studs are to have a grooved top surface.
10. Tactile paving to be 450 x 450mm in size and red in colour as shown.
11. All ducting for the signals is to be orange in colour, high density polyethelene, and have the text 'Traffic Signals' printed every 1 metre. Draw ropes shall be provided in the duct runs for the use of pulling cable. The maximum bend in ducting runs should not exceed 45 degrees.
12. Duct boxes and pole retention sockets shall be installed to the manufacturer's guidelines.
13. Ducts in the carriageway are to have a minimum of 750mm cover. Ducts in the footway or verge to have a minimum cover of 450mm.
14. The ducting system is to be used exclusively for the traffic signals equipment, and must not contain any other services. The ducting for the electricity supply, and PSTN line must be separate from the signals ducting system.
15. Reference must be made to the NYCC Traffic Signal Installation Standard Details.
16. Dropped kerbs for the crossings are to be no more than 6mm above the adjacent carriageway.
17. All traffic signs and road markings are to comply with The Traffic Signs Regulations and General Directions 2002.
18. The stop-lines are to be 300mm wide.
19. Reference should be made to the DfT Guidance on the use of tactile paving surfaces, TA57/87 of the DMRB, TAL 3/03 and TAL 5/05.
20. The junction is located at OS Grid Reference 483393E 483045N, Post Code YO18 7LF.
21. All dimensions are in metres, unless shown otherwise.

SIGNAL STAGE DIAGRAMS:



STAGE 3 DEPENDANT ON PEDESTRIAN DEMAND

SIGNALS REST ON STAGE 1



Notes:

Drawn: PH	Date: 05/03/2015	Project: A170 Thornton le Dale - Pickering Road / Whitby Gate Junction Option for Traffic Signal Control		AREA NO. 4
Checked:	Date: **/**/20**	Title: Traffic Signal Details		
Approved:	Date: **/**/20**	Scale: 1/250	Drawing No: NY4-011-J/LFC1 DRAFT (v2)	Rev: 0

North Yorkshire County Council
Business & Environmental Services
Corporate Director: David Bowe

Integrated Transport Group
Traffic Engineering

ORIGINAL DRAWING SIZE A3