

"Traffic-signals ahead" sign (diagram 543) and "NEW TRAFFIC SIGNALS AHEAD" sign (diagram 7014v6) to be installed on lamp column 19

Car Park

High friction surfacing to 50m from stud line.

186.5m

D5508 WOOLMER HILL ROAD

AMVD2

1 Traffic signal controller & electrical feeder pillar with hardstanding surrounds.

2 Wooden retaining structure

Pitfold Cottage

3

AMVD1

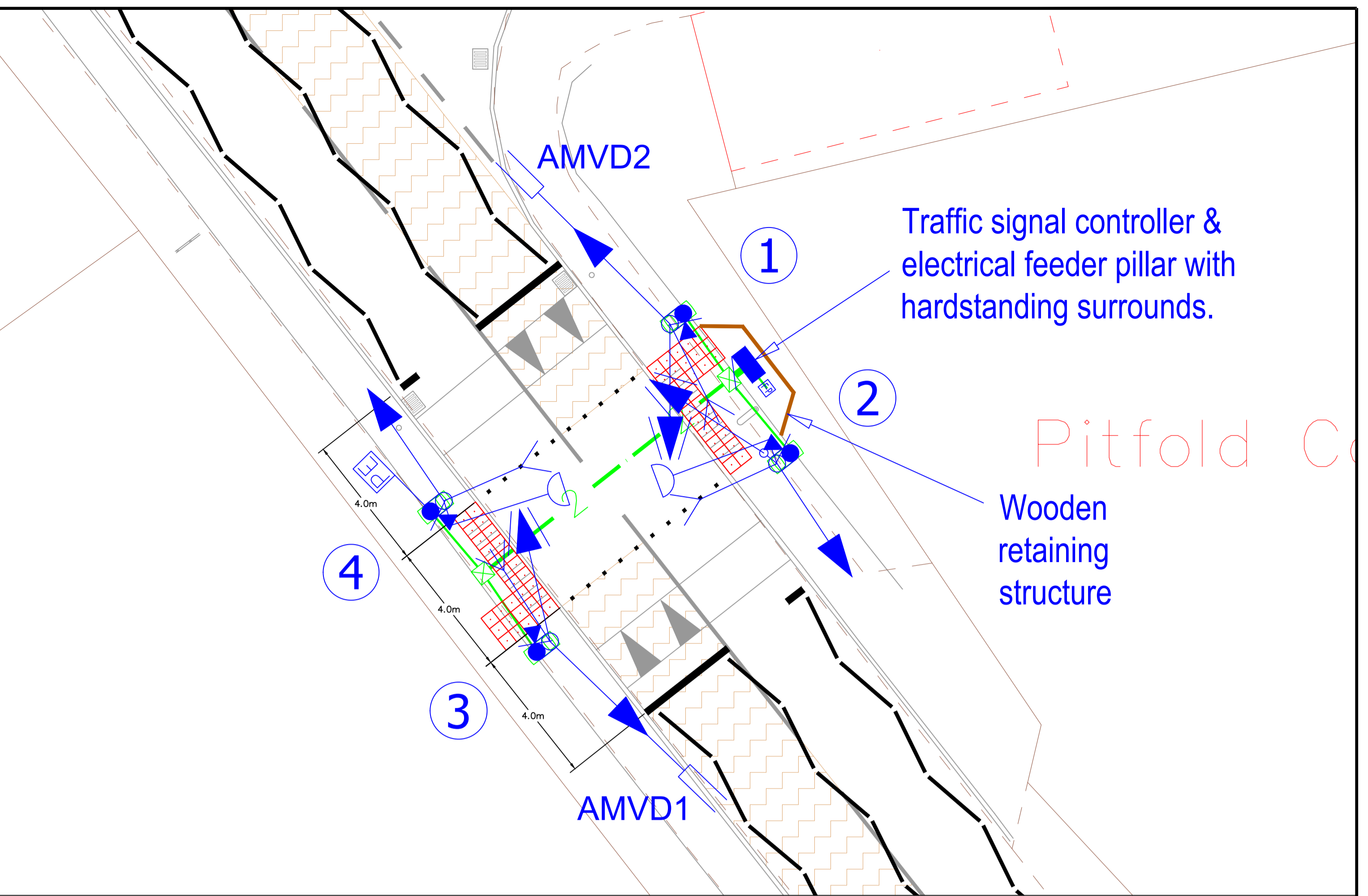
High friction surfacing to 50m from stud line.

Pitfold House

"Traffic-signals ahead" sign (diagram 543) and "NEW TRAFFIC SIGNALS AHEAD" sign (diagram 7014v6) to be installed at a suitable location near School. Keep Clear markings.

183.

D5508 WOOLMER HILL ROAD



1 Traffic signal controller & electrical feeder pillar with hardstanding surrounds.

2 Wooden retaining structure

Pitfold Cottage

AMVD2

1

2

4

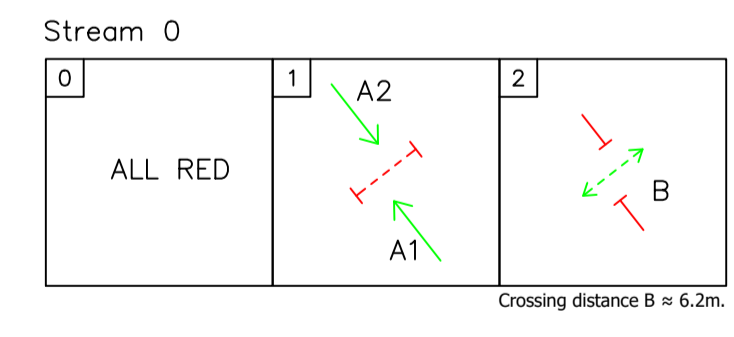
3

AMVD1

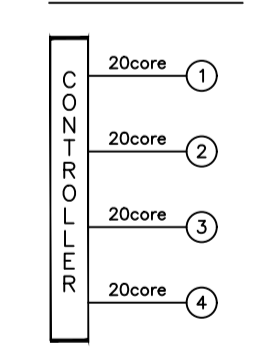
OPERATION CYCLE & TIMINGS FOR FAR-SIDE PED-X CROSSING			
Period LTN 2-95	Signals Shown		Crossing B Timings (seconds)
	To Pedestrians	To Vehicles	
1	Red Standing Figure (wait)	Green (proceed if way is clear)	7 min 30 max
2	Red Standing Figure	Amber (stop unless not safe to do so)	3
3	Red Standing Figure	Red (stop, wait behind Stop line on carriageway)	3
4	Green (invitation to cross with care) Walking figure with tactile indicators & audible signal	Red	5
5	Black-out (clearance period)	Red	3
6	Black-out (variable extension)	Red	0-8
7	Black-out (extension clearance)	Red	3
8	Red Standing Figure	Red	1
9	Red Standing Figure	Red with Amber (stop)	2
on-crossing extension period			2.0
kerb-side extension period			1.0
above ground vehicle detector extension period			0.4

SETTING OF POLES & EQUIPMENT SCHEDULE										
Pole No	Pole Type	Pole Centre Distance to Kerb Face	Pole Centre Distance to Tactile	LED RAG Signal Head	LED Farside Toucan Signals	Push Button & Wait Indicator Unit with Tactile Device	Audible indicators	Kerb side Detector	On Crossing Detector	PE Cell
1	Swan-neck	Back of footway	0.6	2	-	1	1	1	-	-
2	Swan-neck	Back of footway	0.6	2	1	1	-	-	1	-
3	Swan-neck	Back of footway	0.6	2	-	1	1	1	-	-
4	Swan-neck	Back of footway	0.6	1	1	1	-	-	1	1
Totals				7	2	4	2	2	2	1

PHASING/STAGING DIAGRAM



ELV SIGNAL CABLING SCHEMATIC



NOTES:

- ELV PEDEX crossing with LED signal heads to operate under VA control with above ground vehicle detection. All poles to be installed in RS115 retention sockets.
- All equipment and street furniture is to be type approved; and is to be in accordance with:
 - The Surrey County Council specification for the supply and installation of traffic signals 2016
 - DFT specification for traffic signal controller TOPAS 2500A
- and
- The Traffic Signs Regulations and General Directions 2016

- KEY:
- Three aspect R/A/G signal head
 - Two aspect RM/GM farside pedestrian signal
 - Pedestrian wait indicator with push button unit & tactile device
 - Standard height signal poles
 - Swan-neck signal poles
 - Pedestrian on-crossing detector
 - Kerb side pedestrian detector
 - Photoelectric cell
 - Traffic signals controller cabinet
 - Electrical service box
 - 100mm dia. traffic signals duct
 - 2 x 100mm dia. traffic signals duct
 - Pole retention socket surrounded with 750mm³ foundation
 - Signals cable drawpit 450mm l x 450mm w x 600mm d (NAL Stakkabox modula access chamber or similar)
 - Signals cable drawpit 600mm l x 450mm w x 600mm d (NAL Stakkabox modula access chamber or similar)

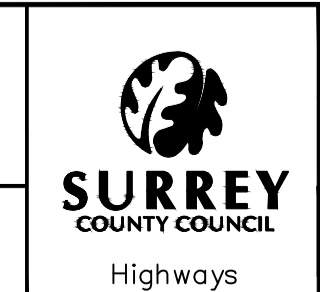
Page 10 of 10

Rev.	Description	Drwn	Sig.	Date	Chkd	Sig.	Date	Appr	Sig.	Date
A	Secondary signal head added to pole 2 following RSA2 advice.	EJS	EJS	11/10/19	EJS	EJS	11/10/19	AA	AA	11/10/19

North Point	Project	Project No.	Contract Sheet No.	Drawing No.	Rev.	Classification
	D5508 WOOLMER HILL ROAD NEAR WOOLMER HILL SCHOOL, HASLEMERE	EXWAV011	P727-01	A		CONSTRUCTION

Drawn by	Sig.	Date	Checked by	Sig.	Date	Approved by	Sig.	Date
EJS	EJS	30/08/19	EJS	EJS	30/08/19	AA	AA	30/08/19

TRAFFIC SIGNALS ARRANGEMENT
PROPOSED FAR-SIDE PEDEX CROSSING



Project No.	EXWAV011
Contract Sheet No.	P727-01
Drawing No.	A
Classification	CONSTRUCTION

ITEM 12

This page is intentionally left blank