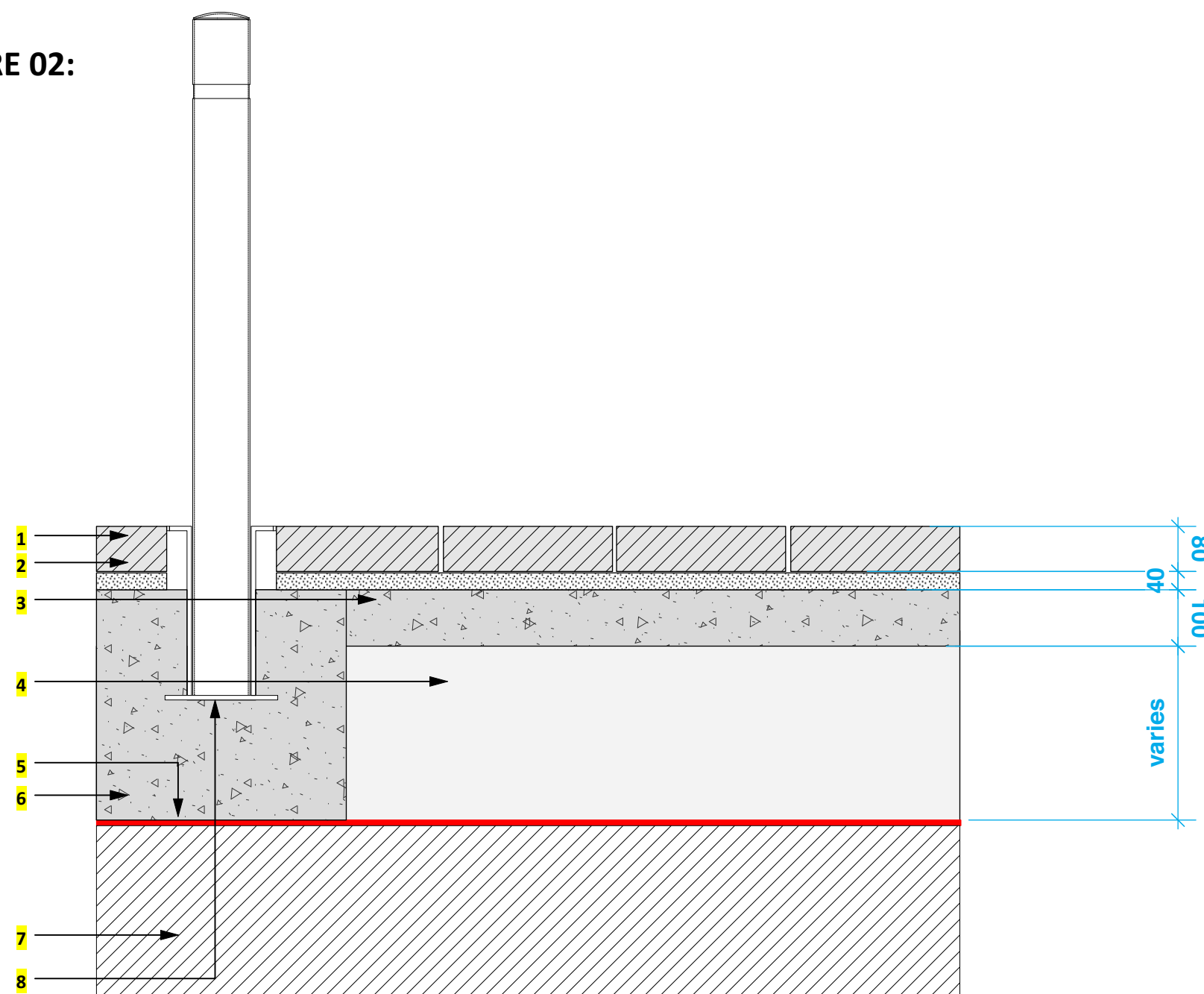


TYPICAL INTERFACE DETAIL | FURNITURE 02:
SOCKETED BOLLARD (F01a)

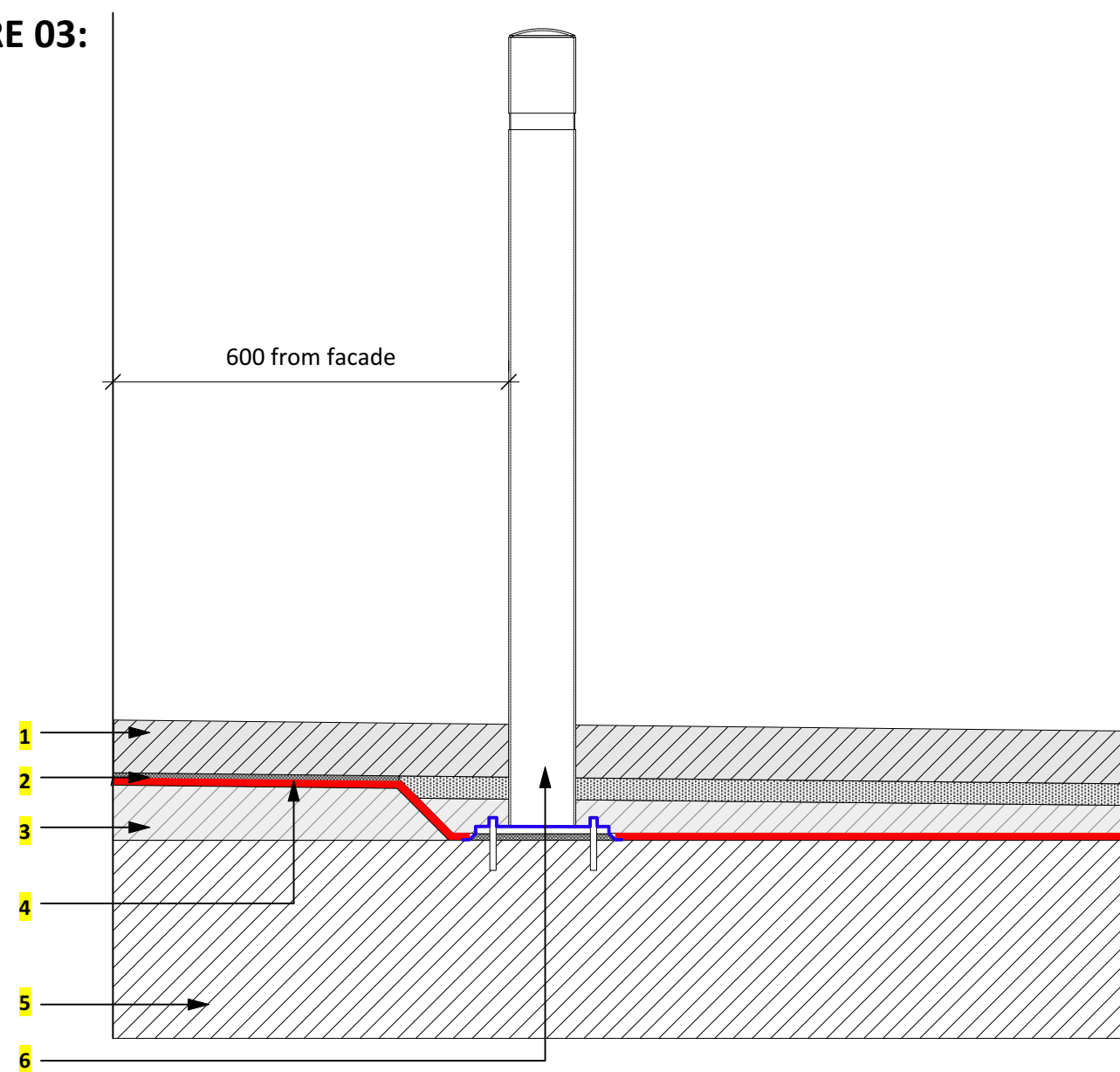
1. Concrete paving as Q25/315
2. 30mm sand bedding.
3. 100mm deep concrete with A252 mesh slab to engineers details.
4. Cordec Filcor 20 void former
5. Waterproofing - 7.3mm deckdrain double cusped drainage layer membrane over primer with polyurea spray: See Trace drawing 252194-TBA-52-SW-L00-DET-Y-s11-1
6. Concrete footing to bollard to supplier's details.
7. Structural concrete slab
8. Socketed bollard as **Q50/190** set on concrete footing to engineer's details. Sump unit of bollard housing to drain freely through to drainage layer below.



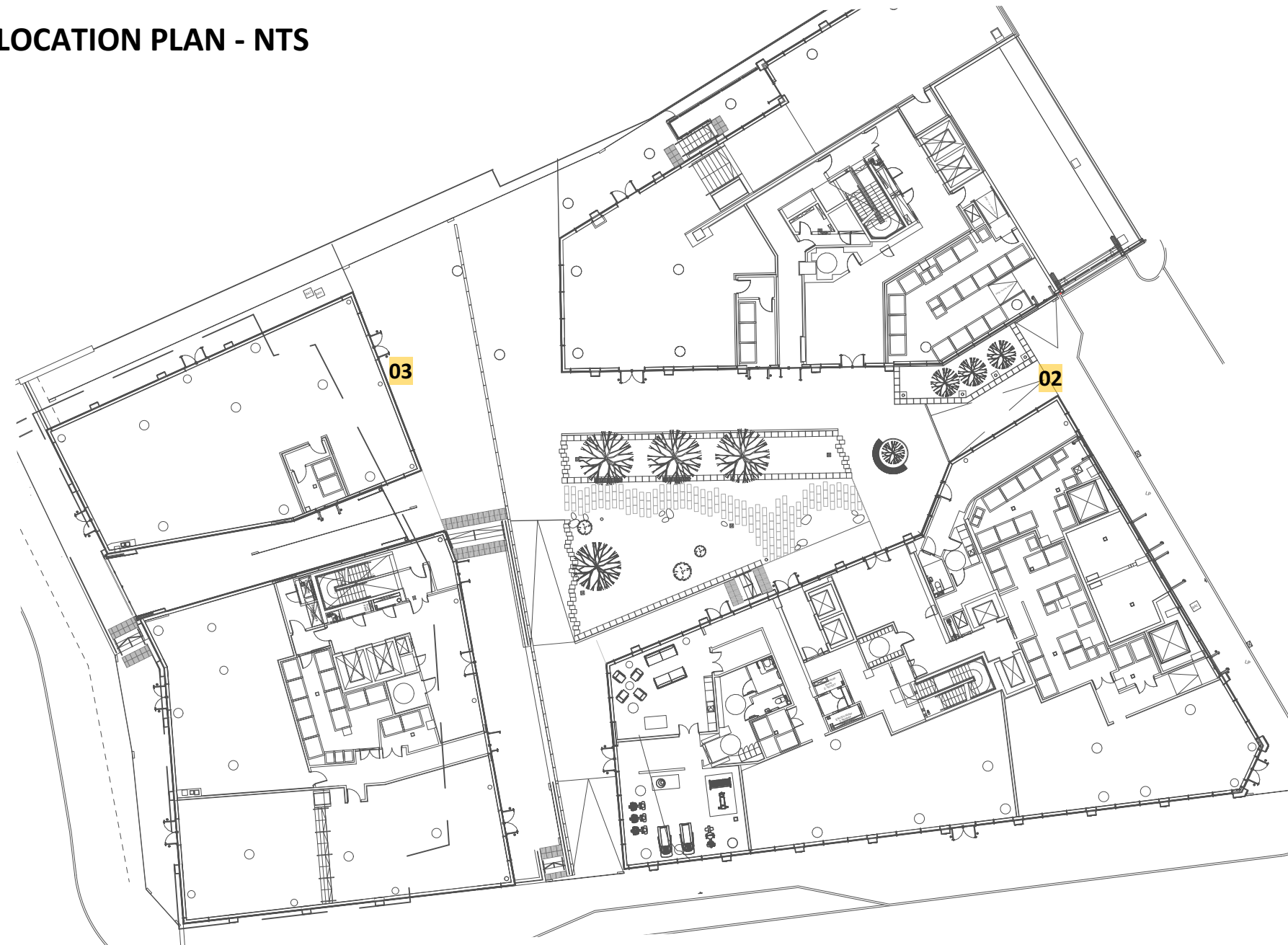
TYPICAL INTERFACE DETAIL | FURNITURE 03:
BOLLARD (F01)

1. Concrete paving as Q25/315
2. Waterproofing - 7.3mm deckdrain double cusped drainage layer membrane over primer with polyurea spray: See Trace drawing 252194-TBA-52-SW-L00-DET-Y-s11-1
3. Screed to building perimeter/100mm Grano fillet as Trace specification.
4. Pavers in vicinity of B2_02 only 180mm build up depth. Pavers to be bedded on 10mm mortar bedding. 'Streetscape FCB' by Larsen. Elsewhere 30mm sand bedding is achievable.
5. Structural concrete slab
6. Baseplate bollard as **Q50/190** fixed to slab. Bollard 1200mm high. Build up nominally 200mm minimum. Where sufficient depth allows, bollards to be bolted to concrete footing sitting over waterproofing layer to engineer's details.

Where minimum build up screed apron to be boxed around bollard base which sits on 10-20mm plinth in BASF Masteremaco n5200 repair mortar with waterproofing as Trace detail.



LOCATION PLAN - NTS



C7	RD	2021-04-14	Final Construction issue
C6	RD	2020-02-24	Yorkstone channel omitted. Waterproofing added to bollard
C5	RD	2020-01-17	Bollard details amended.
C4	RD	2019-08-29	Changes in line with agreed VE
C3	RD	2019-05-09	Keyplan added.
C2	RD	2019-03-01	Annotation amended
C1	RD	2019-02-26	Coffin bollard detail added.
T1	SB	2017-07-14	For stage 4 issue

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(1) Do not scale from drawings - use written dimensions only. (2) All dimensions are in millimeters unless noted. (3) All dimensions shall be verified on site before proceeding with the work. (4) Landscape Projects shall be notified of any discrepancies. (5) Engineer to specify all sub-bases. Any below ground construction is indicative.

Project Title Manchester New Square Manchester				Drawing Title Details: Typical paving details: Sheet 03						
Drawn Date 2017-06-30		Drawn SB	Checked NCS							
Scale 1:10 @ A1		Status Final		Revision C7						
Drawing No. 252194				LPP	95	SW	L201	DET	L	0217

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