

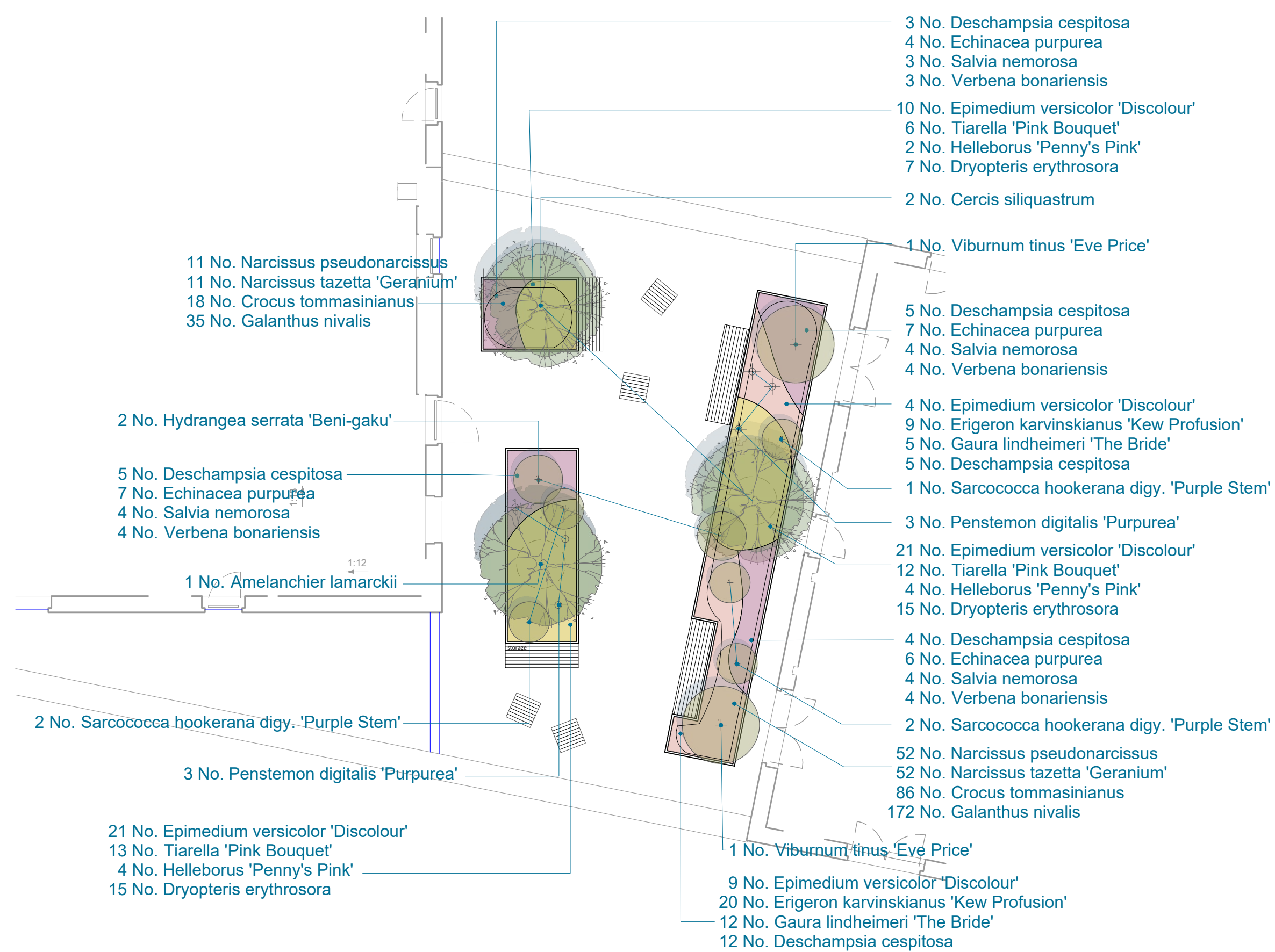
REVISIONS		
P01	Stage 4 issue	25/03/2021 JSW
C01	Issue for information / approval	11/03/2022 AW
C02	Amendments to planting layout	27/03/2025 RKC

H | E | D Hyland Edgar Driver
**Landscape Architects
& Urban Designers**

CLIENT		
CURO		
DATE	DRAWN BY	CHECKED BY
23.03.21	JSW	AW
DRAWING STATUS	SCALE @ A1	
STAGE 5	1:200@A1	

DRAWING TITLE
PLANTING PLAN
MARKET YARD 2 OF 2

DRAWING NUMBER	REVISION
L-1344-HED-ZZ-EX-DR-L-304	C02



Planting Schedule

Trees					
No.	Species Name	Common Name	Specification	Height	Density
5	Amelanchier lamarckii	Juneberry	1.2m spread :Multi-Stemmed :min 3 stems	1.8-2.0m	Counted
7	Cercis siliquastrum	Judas Tree	1m spread :Multi-Stemmed :min 3 stems	1.5-1.8m	Counted
Total :12					

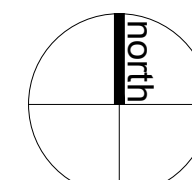
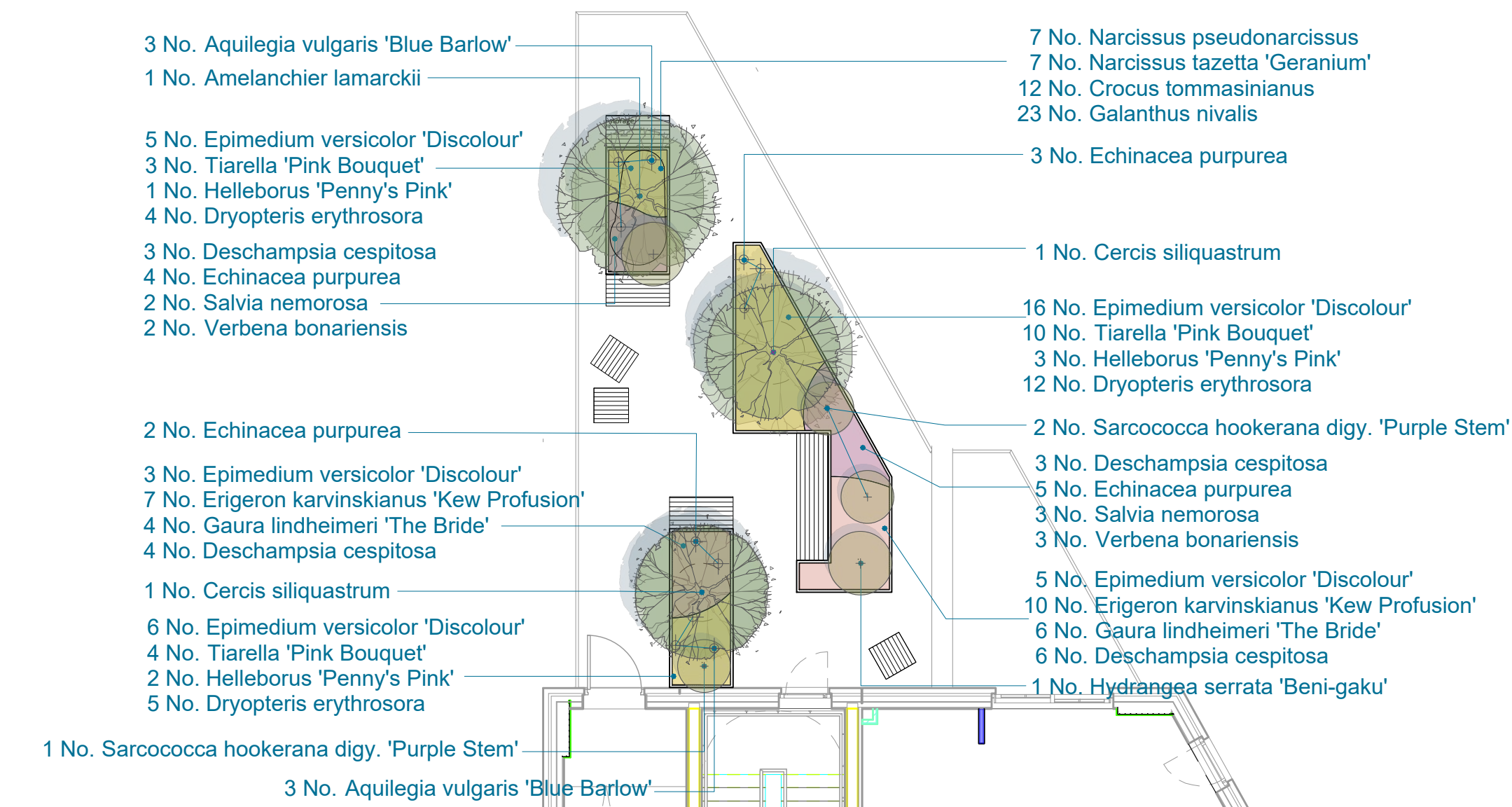
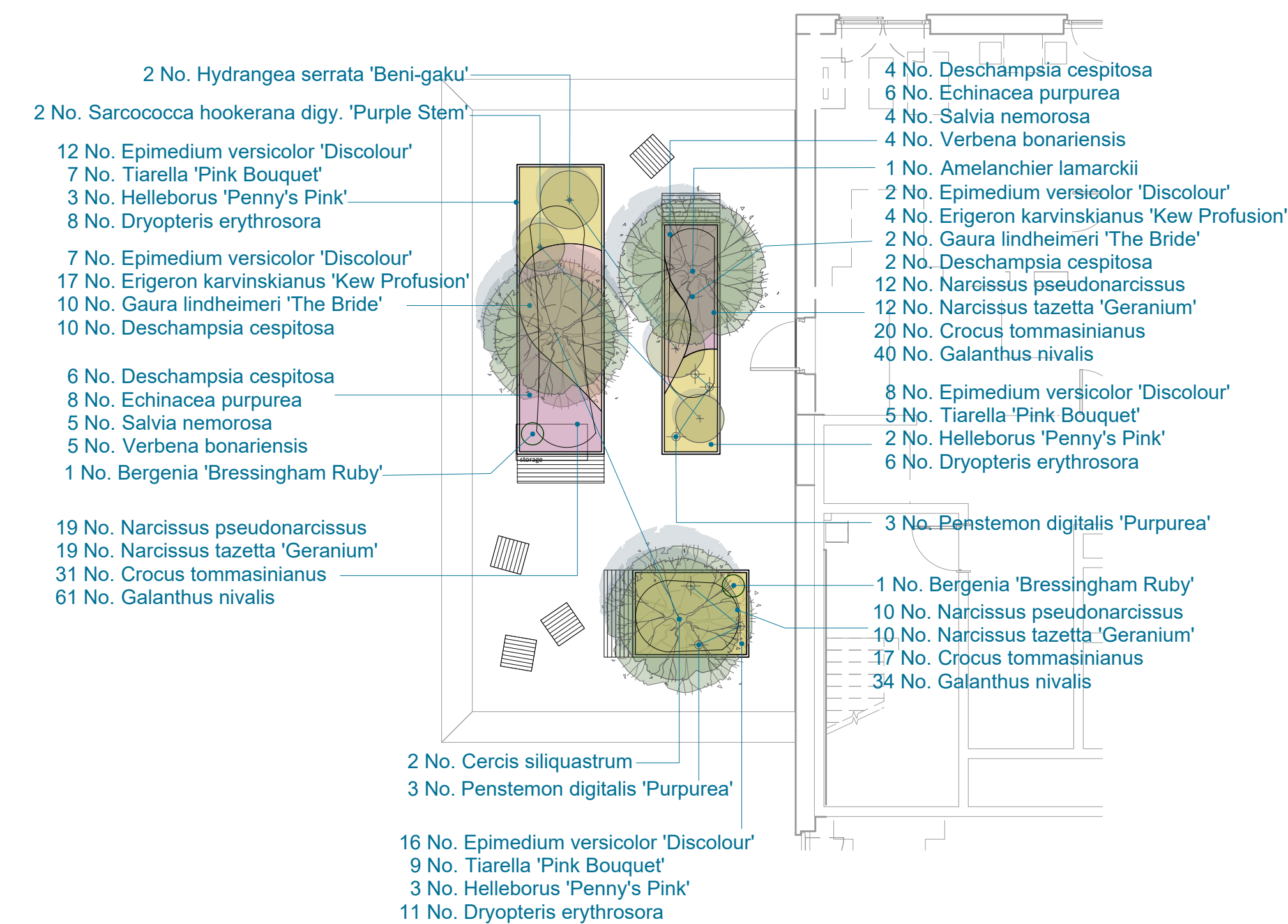
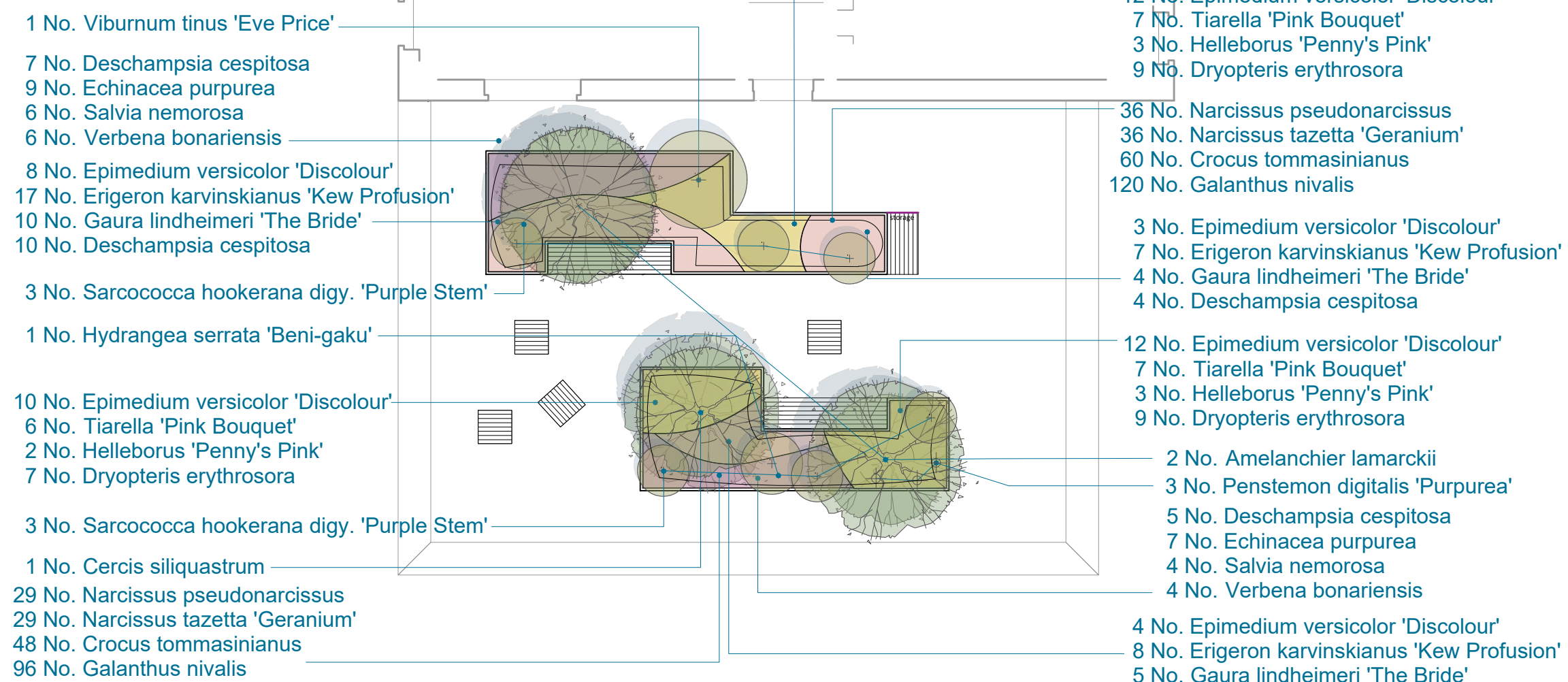
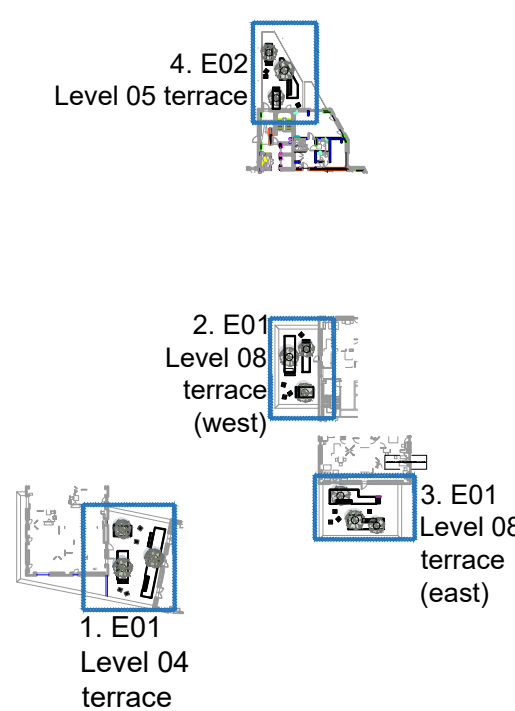
Shrubs						
No.	Species Name	Common Name	Specification	Height	Pot Size	Density
6	Hydrangea serrata 'Beni-gaku'	Hydrangea 'Beni-gaku'	Bushy :5/7 brks :Container Grown	40-60cm	10L	Counted
16	Sarcococca hookerana digy. 'Purple Stem'		Bushy :5/7 brks :Container Grown	20-30cm	5-7.5L	Counted
3	Viburnum tinus 'Eve Price'	Laurustinus 'Eve Price'	Bushy :5/7 brks :Container grown	100-125cm	15L	Counted
Total :25						

Perennials					
No.	Species Name	Common Name	Specification	Pot Size	Density
6	Aquilegia vulgaris 'Blue Barlow'		Container grown :Full Pot	3L	Counted
2	Bergenia 'Bressingham Ruby'			3L	Counted
5	Echinacea purpurea	Purple Coneflower	Container grown :Full Pot	3L	Counted
70	Echinacea purpurea	Purple Coneflower	Container grown :Full Pot	2L	7/m ²
223	Epimedium versicolor 'Discolour'		Container grown :Full pot	2L	11/m ²
117	Erigeron karvinskianus 'Kew Profusion'	Mexican fleabane	Container grown :Full Pot	2L	11/m ²
69	Gaura lindheimeri 'The Bride'	Gaura	Container grown :Full Pot	2L	9/m ²
36	Helleborus 'Penny's Pink'	Hellebore 'Penny's Pink'	Container grown :Full Pot	2L	7/m ²
15	Penstemon digitalis 'Purpurea'		Container grown :Full Pot	3L	Counted
43	Salvia nemorosa	Balkan clary	Container grown :Full Pot	2L	7/m ²
102	Tiarella 'Pink Bouquet'		Container grown :Full Pot	2L	9/m ²
43	Verbena bonariensis	Argentinian Vervain	Container grown :Full pot	2L	7/m ²
Total :731					

Bulbs			
No.	Species Name	Common Name	Density
306	<i>Crocus tommasinianus</i>	Early Crocus	25/m ²
609	<i>Galanthus nivalis</i>	Common Snowdrop	50/m ²
185	<i>Narcissus pseudonarcissus</i>	Wild Daffodil	15/m ²
185	<i>Narcissus tazetta</i> 'Geranium'	Daffodils 'Geranium'	15/m ²
Total :1285			

Ferns					
No.	Species Name	Common Name	Specification	Pot Size	Density
123	Dryopteris erythrosora	Japanese Rosy Buckler	Container grown :Full Pot	2L	9/m ²
Total :123					

Grasses					
No.	Species Name	Common Name	Specification	Pot Size	Density
5	<i>Deschampsia caespitosa</i>		Full Pot	2L	7/m ²
69	<i>Deschampsia caespitosa</i>	Tufted Hair Grass	Full Pot	2L	9/m ²
45	<i>Deschampsia caespitosa</i>	Tufted Hair Grass	Full Pot	2L	7/m ²
Total :119					



NOTES:
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NOTES

Planter soil depths - refer to the Soil Depth Drawing.

Bulb planting to be evenly distributed through out the planters they are specified in. Bulb planting is to be avoided underneath dense shrub planting

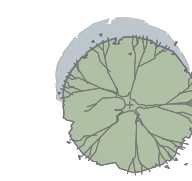
All penetrations into/ out of planters must be via pre-drilled holes prior to powder coating and waterproofed by means of rubber grommets, silicone back sealing and glanded fittings as necessary to prevent any water leakage from planters above paving level.

These drawings constitute Employers Requirements and require design development by Specialist Contractors/Fabricators and the submission of Contractors Proposals and/or fabrication drawings for approval before proceeding. Alternative proposals/arrangements may be suggested and approved by LA.

Final location of M and E equipment shall take into account relevant building regulations. For these requirements please refer to Engineer's specifications.

Sizes and locations indicative, final dimensions subject to specialist sub-contractors detail.

KEY



Planting Mix 1
Epimedium versicolor 'Discolour'
Tiarella 'Pink Bouquet'
Helleborus 'Penny's Pink'
Dryopteris erythrosora

Planting Mix 2
Epimedium versicolor 'Discolour'
Erigeron karvinskianus 'Kew Profusion'
Gaura lindheimeri 'The Bride'
Deschampsia cespitosa

Planting Mix 3
Deschampsia cespitosa
Echinacea purpurea
Salvia nemorosa
Verbena bonariensis

CR01	Final Construction Issue - For Record	05/09/2025	AW
C4	Adjustments to LJA tiling layout	06/03/2025	AW
C2	Roof updates as per LJA amendments	27/02/2025	AW
C3	Issue for information / approval	24/03/2023	DM
<u>C1</u>	<u>Issue for information / approval</u>	<u>11/03/2022</u>	<u>AW</u>
P01	Stage 4 issue	25/03/2021	JSW
REVISIONS			

H | E | D
Hyland Edgar Driver

Landscape Architects and Urban Designers

One Wessex Way Colden Common Winchester Hampshire SO21 1WG
Telephone 01962 711600 Facsimile 01962 713945

PROJECT _____

THE CHARTER
HORN YARD AND MARKET SQUARE

SUBJECT
PLANTING PLAN
ROOF GARDENS

DATE		DRAWN BY	
05.03.25		DM	
SCALE		CHECKED BY	
As shown		AW	
DRAWING NUMBER		REVISION	
L-1344-HED-RF-EX-DR-L-303		CR01	
DRAWING STATUS			
F			
A - PRELIMINARY	B - ISSUED FOR PLANNING	C - ISSUED FOR DESIGN / INFORMATION	D - ISSUED FOR TENDER
E - ISSUED FOR APPROVAL	F - ISSUED FOR CONSTRUCTION	G - AS BUILT	



Touchstone

Part of Places for People

Appendix 4 Surface Water Drainage Plan



STORM WATER DRAINAGE SCHEDULE										EASTING	NORTHINGS
M/I REF	COVER LEVEL	INVERT LEVEL	DEPTH (m)	DESCRIPTION	DIMENSION	COVER TYPE	COMMENTS				
P51	15.425	15.600	0.175	TYP E	ø 450	A150	RECESSED COVER	5468875.00	172.676	0.5	
P52	15.500	15.555	0.045	TYP E	ø 450	A150	RECESSED COVER	5468811.96	174.689	0.5	
P53	15.400	15.395	1.005	TYP E	ø 600	C150	RECESSED COVER	5468665.39	173.718	0.5	
P54	15.400	13.800	1.600	TYP E	ø 600	A150	RECESSED COVER	5468665.39	173.718	0.5	
P55	15.750	15.765	0.015	TYP E	ø 450	A150	RECESSED COVER	5468834.83	174.653	0.5	
P56	15.600	11.625	0.975	TYP E	ø 600	A150	RECESSED COVER	5468701.97	173.609	0.5	
P57	15.400	15.400	0.000	TYP E	ø 450	A150	RECESSED COVER / CAT PAVT	5468856.45	174.697	0.5	
P58	15.600	10.265	0.335	TYP E	ø 300	A150	RECESSED COVER / HYDROBARR	5468566.45	174.326	0.5	
P59	15.450	15.400	0.050	TYP E	ø 450	A150	RECESSED COVER	5468675.20	172.686	0.5	
P60	15.400	15.400	0.000	TYP E	ø 450	A150	RECESSED COVER	5468811.96	174.689	0.5	
P61	15.750	15.600	0.150	TYP E	ø 450	A150	RECESSED COVER	5468771.78	174.585	0.5	
P62	15.400	10.000	0.600	TYP E	ø 450	A150	RECESSED COVER	5468834.83	174.728	0.5	
P63	15.600	11.000	0.800	TYP E	ø 600	A150	RECESSED COVER	5468665.39	173.689	0.5	
P64	15.450	13.850	0.600	TYP E	ø 450	A150	RECESSED COVER	5468805.01	173.912	0.5	
P65	15.550	11.865	1.685	TYP E	ø 450	A150	RECESSED COVER	5468814.06	174.368	0.5	
P66	15.350	11.310	1.300	TYP E	ø 450	A150	RECESSED COVER	5468876.15	173.025	0.48	
P67	15.550	11.600	0.950	TYP E	ø 450	A150	RECESSED COVER	5468841.75	173.345	0.5	
P68	15.500	11.450	1.050	TYP E	ø 450	A150	RECESSED COVER	546885.88	173.526	0.5	
P69	15.550	11.600	0.950	TYP E	ø 450	A150	RECESSED COVER	5468706.57	173.636	0.5	
P70	15.550	11.440	1.100	TYP E	ø 450	A150	RECESSED COVER	5468839.75	173.536	0.5	
P71	15.500	11.600	0.950	TYP E	ø 450	A150	RECESSED COVER	5468611.28	173.325	0.5	
P72	15.550	11.600	0.950	TYP E	ø 450	A150	RECESSED COVER	5468839.75	173.536	0.5	
P73	15.200	11.785	1.415	TYP E	ø 450	A150	RECESSED COVER	5468811.28	173.325	0.5	

FOUL WATER DRAINAGE SCHEDULE												EASTING	NORTHINGS
MH	COVER	INVERT	DEPTH	DESCRIPTION	DIMENSION	COVER	PIPE	COMMENTS					
PF1	15.000	12.200	0.600	TYP	Y	450	A50	RECESSED COVER	564835.93	173431.87			
PF2	15.500	12.200	1.300	TYP	Y	450	A50	RECESSED COVER	564836.07	173438.20			
PF3	15.500	12.200	1.300	TYP	Y	450	A50	RECESSED COVER	564836.08	173428.56			
PF4	15.500	12.200	1.300	TYP	Y	450	A50	RECESSED COVER	564836.17	173429.69			
PF5	15.200	13.000	0.800	TYP	Y	450	A50	RECESSED COVER	564836.03	173425.95			
PF6	15.400	13.800	0.600	TYP	Y	450	A50	RECESSED COVER	564836.07	173425.97			
PF7	15.400	13.800	0.600	TYP	Y	450	A50	RECESSED COVER	564836.07	173427.77			
PF8	15.700	15.400	1.300	TYP	Y	450	A50	RECESSED COVER	564836.07	173427.77			
PF9	15.700	15.400	1.300	TYP	Y	450	A50	RECESSED COVER	564836.07	173427.77			
PF10	15.700	15.400	1.300	TYP	Y	450	A50	RECESSED COVER	564836.07	173427.77			
PF11	15.300	14.700	0.600	TYP	Y	450	A50	RECESSED COVER	564835.897	173427.65			
PF12	16.800	15.200	0.600	TYP	Y	450	A50	RECESSED COVER	564836.481	173427.65			
PF13	16.800	15.200	0.600	TYP	Y	450	A50	RECESSED COVER	564836.481	173427.65			
PF14	15.200	14.700	0.600	TYP	Y	450	A50	RECESSED COVER	564836.50	173426.27			
PF15	15.100	14.600	0.600	TYP	Y	450	A50	RECESSED COVER	564836.493	173426.27			
PF16	15.100	14.600	0.600	TYP	Y	450	A50	RECESSED COVER	564836.493	173426.27			
PF17	15.100	14.600	0.600	TYP	Y	450	A50	RECESSED COVER	564836.493	173426.27			
PF18	15.000	14.500	0.600	TYP	Y	450	A50	RECESSED COVER	564836.39	173426.57			
PF19	15.000	14.500	0.600	TYP	Y	450	A50	RECESSED COVER	564836.39	173426.57			
PF20	16.075	13.000	1.075	TYP	Y	450	A50	DOUBLE SEAL & RECESSED COVER	564836.755	173426.40			
PF21	16.075	13.000	1.075	TYP	Y	450	A50	DOUBLE SEAL & RECESSED COVER	564836.755	173426.40			
PF22	16.000	11.950	0.600	TYP	Y	450	A50	DOUBLE SEAL & RECESSED COVER	564836.24	173430.55			
PF23	13.200	11.600	1.700	TYP	Y	450	A50	RECESSED COVER	564836.75	173430.07			
PF24	16.000	11.600	1.700	TYP	Y	450	A50	RECESSED COVER	564836.75	173430.07			
PF25	16.000	11.760	0.840	TYP	Y	450	A50	RECESSED COVER	564836.80	173430.21			
PF26	16.000	11.350	1.350	TYP	Y	450	A50	RECESSED COVER	564836.64	173430.42			
PF27	16.000	11.950	1.190	TYP	Y	450	A50	RECESSED COVER	564836.56	173430.85			
PF28	15.500	12.570	1.930	TYP	Y	450	A50	RECESSED COVER	564836.28	173430.74			
PF29	15.500	12.570	1.930	TYP	Y	450	A50	RECESSED COVER	564836.28	173430.74			
PF30	15.500	12.570	1.930	TYP	Y	450	A50	RECESSED COVER	564836.28	173430.74			
PF31	16.000	11.840	2.060	TYP	Y	450	A50	RECESSED COVER	564836.007	173430.88			
PF32	16.000	11.840	2.060	TYP	Y	450	A50	RECESSED COVER	564836.007	173430.88			
PF33	16.000	11.840	2.060	TYP	Y	450	A50	RECESSED COVER	564836.007	173430.88			
PF34	16.000	11.890	0.710	TYP	Y	450	A50	DOUBLE SEAL & RECESSED COVER	564836.729	173433.62			
PF35	16.000	12.000	0.600	TYP	Y	450	A50	RECESSED COVER	564836.729	173433.62			
PF36	16.000	12.000	0.600	TYP	Y	450	A50	RECESSED COVER	564836.729	173433.62			
PF37	16.000	12.000	0.600	TYP	Y	450	A50	RECESSED COVER	564836.729	173433.62			
PF38	15.600	11.160	1.440	TYP	Y	450	A50	RECESSED COVER	564836.487	173435.25			
PF39	16.000	11.000	1.550	TYP	Y	450	A50	RECESSED COVER	564836.389	173426.14			
PF40	16.000	11.000	1.600	TYP	Y	450	A50	RECESSED COVER	564836.389	173426.14			
PF41	16.000	12.000	0.600	TYP	Y	450	A50	RECESSED COVER	564836.814	173426.17			
PF42	16.000	12.000	0.600	TYP	Y	450	A50	RECESSED COVER	564836.565	173426.83			
PF43	16.000	12.000	0.600	TYP	Y	450	A50	RECESSED COVER	564836.565	173426.83			
PF44	16.000	12.000	0.600	TYP	Y	450	A50	RECESSED COVER	564836.565	173426.83			
PF45	16.000	11.990	0.600	TYP	Y	450	A50	RECESSED COVER	564836.565	173426.83			
PF46	16.000	11.990	0.600	TYP	Y	450	A50	RECESSED COVER	564836.565	173426.83			

NOTE: COVER LEVELS SHOWN ARE APPROXIMATE AND ARE TO BE CONFIRMED WHEN PROPOSED FINISHED GROUND LEVEL INFORMATION IS MADE AVAILABLE FROM THE ARCHITECT/LANDSCAPE ARCHITECT

LEGEND

- | | |
|--|---|
| | PROPOSED HIGHWAYS BOUNDARY |
| | EXISTING ADOPTED COMBINED MANHOLE AND SEWER |
| | EXISTING ADOPTED STORM MANHOLE AND SEWER |
| | EXISTING ADOPTED FOUL MANHOLE AND SEWER |
| | EXISTING HIGHWAY STORM MANHOLE AND SEWER |
| | EXISTING HIGHWAY SOAKAWAY |
| | ADAPTABLE P.C.C. RING MANHOLE COMBINED (TYPE 1 & 2) |
| | ADAPTABLE P.C.C. RING MANHOLE STORM (TYPE 1&2) |
| | ADAPTABLE P.C.C. RING MANHOLE FOUL (TYPE 1&2) |
| | PROPOSED HIGHWAYS SURFACE WATER SEWER AND MANHOLE |
| | PROPOSED HIGHWAYS SURFACE WATER GULLY |
| | PROPOSED HIGHWAYS YARD GULLY |
| | PROPOSED HIGHWAYS CHANNEL DRAIN |
| | PROPOSED HYDROBRAKE |
| | PRIVATE P.C.C. RING MANHOLE STORM (TYPE A) |
| | PRIVATE P.C.C. RING MANHOLE FOUL (TYPE A) |
| | PRIVATE P.C.C. RING MANHOLE STORM CHAMBERS |
| | PRIVATE P.C.C. RING MANHOLE FOUL CHAMBERS |
| | PRIVATE SURFACE WATER INSPECTION CHAMBER (TYPE Y) |
| | PRIVATE Foul WATER INSPECTION CHAMBER (TYPE Y) |
| | PRIVATE Foul YARD GULLY |
| | PRIVATE STORM YARD GULLY |
| | PRIVATE Foul SVP |
| | PRIVATE Foul SUB STACK |
| | PRIVATE STORM RWp |
| | CHANNEL DRAIN |
| | RIDDING POINT |

P9	08/08/24	WP38--ASSIGNED TO CURO	R
P8	16/03/22	COORDINATION ISSUE	GM
P7	01/11/21	COORDINATION ISSUE	GM
P6	8/10/21	COORDINATION ISSUE	GM
P5	09/09/21	COORDINATION ISSUE	GM
P4	11/08/21	COORDINATION ISSUE	GM
P3	04/06/21	COORDINATION ISSUE	GM
P2	6/04/21	COORDINATION ISSUE	R
P1	11/06/20	PRELIMINARY ISSUE	R

REV	DATE	DESCRIPTION	BY
DRG STATUS		PRELIMINARY	

CLIENT	CURO CONSTRUCTION LTD
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PROJECT	THE CHARTER GRAVESEND
---------	--------------------------

DRG TITLE	TECHNICAL LAYOUT
-----------	------------------

TECHNICAL DRAFT
SHEET 1

Manhire Associates
CONSULTING ENGINEERS

Manhire Associates Limited
Consulting Engineers
Hanoover House
76 Combe Road, Norbiton
Kingston Upon Thames, KT2 7AZ

T: +44 20 8390 9097
F: +44 20 8390 7888

PROJECT NO 19042	DRG NO C1060	REV P9	SCALE 1:100
			DRN RH
			DATE JUNE 2