

## **APPENDIX 9**

### **As Built Drawings**

- 30410-01-S18-WW1A, WW1B, WW1C, WW1D, Rev AB – Stage 18 Wastewater Asbuilt Plans
- 30410-01-S18-W1A, W1B, W1C, Rev AB – Stage 18 Water Reticulation Asbuilt Plans
- 30410-01-S18-SW1A, SW1B, SW1C, Rev AB – Stage 18 Stormwater Asbuilt Plans
- 30410-01-S18-R1A, R1B, R1C, Rev AB – Stage 18 Rooding Asbuilt Plans
- Landscape and planting As Built plans  
Stage 18-BM191029\_ 100 & 130, 200 & 203, 500 to 516 & 600  
Reserve-BM191029\_ 100 & 130, 200 to 207, 500 to 515 and 600



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Ph. 07 577 6069  
Email: info@sltga.co.nz  
P.O. Box 231, Tauranga 3140  
www.sltga.co.nz

NOTES:

- HCC REF: 011.2019.7140.003.
- LOT CONNECTIONS ARE Ø100 uPVC SN16 RR JOINT UNLESS OTHERWISE STATED.

LEGEND:

- LOT BOUNDARY
- ABUTTALS
- WASTEWATER MAIN
- WASTEWATER CONNECTION
- WASTEWATER EXISTING
- WASTEWATER MANHOLE (NEW)
- WASTEWATER MANHOLE (EXISTING)

TO BE READ IN CONJUNCTION WITH  
30410-01-S18-WW1B  
30410-01-S18-WW1C  
30410-01-S18-WW1D

Rev	DESCRIPTION	DRN	CKD	APP	DATE
0	PRELIMINARY	SRC	SRC	BP	12/22
AB	FOR WORK CLEARANCE	NW	SRC	BP	01/23

NAME	DATE	NAME	DATE
SURVEYED	WEST 2022	DESIGNED	

COORDINATE SYSTEM: NZGD 2000 - MT EDEN CIRCUIT  
ORIGIN OF COORDINATES: IT II DPS 35839  
HEIGHT DATUM: MOTURIKI 1953  
ORIGIN OF HEIGHT: SS507 SO 42451 RL: 44.04m

# STAGE 18 WASTEWATER AS-BUILT PLAN

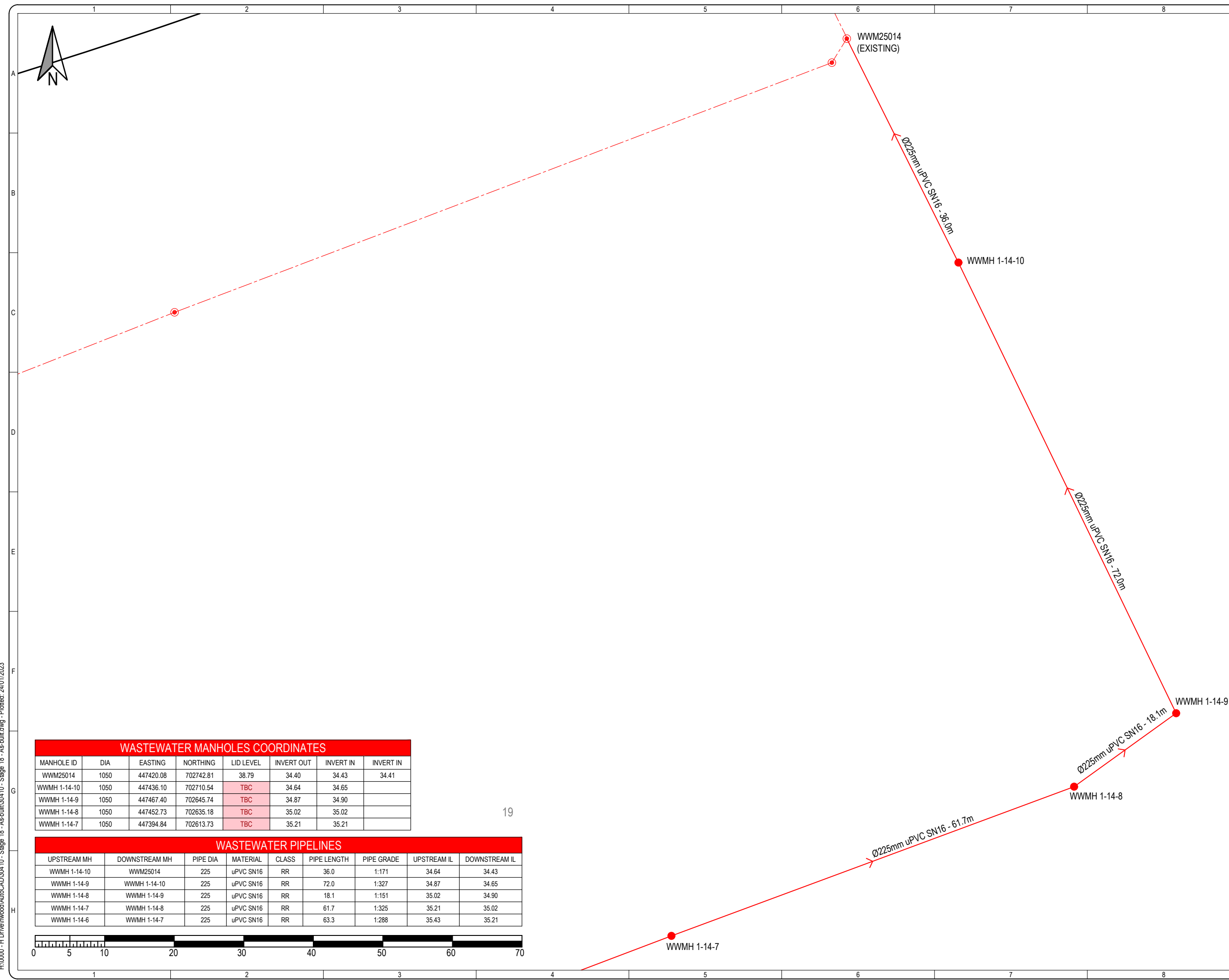


ORIGINAL SCALES @ A3 STATUS  
1:500 AS-BUILT

DO NOT SCALE DIMENSIONS  
DRAWING NO. 30410-01-S18-WW1A AB

REVISION  
AB

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### WASTEWATER MANHOLES COORDINATES

MANHOLE ID	DIA	EASTING	NORTHING	LID LEVEL	INVERT OUT	INVERT IN	INVERT IN
WWM25014	1050	447420.08	702742.81	38.79	34.40	34.43	34.41
WWMH 1-14-10	1050	447436.10	702710.54	TBC	34.64	34.65	
WWMH 1-14-9	1050	447467.40	702645.74	TBC	34.87	34.90	
WWMH 1-14-8	1050	447452.73	702635.18	TBC	35.02	35.02	
WWMH 1-14-7	1050	447394.84	702613.73	TBC	35.21	35.21	

### WASTEWATER PIPELINES

UPSTREAM MH	DOWNSTREAM MH	PIPE DIA	MATERIAL	CLASS	PIPE LENGTH	PIPE GRADE	UPSTREAM IL	DOWNSTREAM IL
WWMH 1-14-10	WWM25014	225	uPVC SN16	RR	36.0	1:171	34.64	34.43
WWMH 1-14-9	WWMH 1-14-10	225	uPVC SN16	RR	72.0	1:327	34.87	34.65
WWMH 1-14-8	WWMH 1-14-9	225	uPVC SN16	RR	18.1	1:151	35.02	34.90
WWMH 1-14-7	WWMH 1-14-8	225	uPVC SN16	RR	61.7	1:325	35.21	35.02
WWMH 1-14-6	WWMH 1-14-7	225	uPVC SN16	RR	63.3	1:288	35.43	35.21



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### WASTEWATER MANHOLES COORDINATES

MANHOLE ID	DIA	EASTING	NORTHING	LID LEVEL	INVERT OUT	INVERT IN	INVERT IN	INVERT IN
WWMH 1-14-7	1050	447394.84	702613.73	TBC	35.21	35.21		
WWMH 1-14-6	1050	447335.64	702591.22	39.06	35.43	35.44		
WWMH 1-14-5	1050	447341.03	702577.17	39.20	35.50	35.54	37.70	
WWMH 1-14-4	1050	447369.61	702517.34	39.45	35.96	36.18	36.00	36.18

### WASTEWATER PIPELINES

UPSTREAM MH	DOWNSTREAM MH	PIPE DIA	MATERIAL	CLASS	PIPE LENGTH	PIPE GRADE	UPSTREAM IL	DOWNSTREAM IL
WWMH 1-14-7	WWMH 1-14-8	225	uPVC SN16	RR	61.7	1:325	35.21	35.02
WWMH 1-14-6	WWMH 1-14-7	225	uPVC SN16	RR	63.3	1:288	35.43	35.21
WWMH 1-14-5	WWMH 1-14-6	150	uPVC SN16	RR	15.1	1:252	35.50	35.44
WWMH 1-14-4	WWMH 1-14-5	150	uPVC SN16	RR	66.3	1:158	35.96	35.54
WWMH 1-14-3	WWMH 1-14-4	150	uPVC SN16	RR	96.8	1:186	36.52	36.00



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#### NOTES:

- HCC REF: 011.2019.7140.003.
- LOT CONNECTIONS ARE Ø100 uPVC SN16 RR JOINT UNLESS OTHERWISE STATED.

#### LEGEND:

- LOT BOUNDARY
- ABUTTALS
- WASTEWATER MAIN
- WASTEWATER CONNECTION
- WASTEWATER EXISTING
- WASTEWATER MANHOLE (NEW)
- WASTEWATER MANHOLE (EXISTING)

TO BE READ IN CONJUNCTION WITH  
30410-01-S18-WW1A  
30410-01-S18-WW1C  
30410-01-S18-WW1D

Rev	DESCRIPTION	DRN	CKD	APP	DATE
0	PRELIMINARY	SRC	SRC	BP	12/22
AB	FOR WORK CLEARANCE	SRC	SRC	BP	01/23

NAME	DATE	NAME	DATE
SURVEYED	WEST 2022	DESIGNED	

COORDINATE SYSTEM: NZGD 2000 - MT EDEN CIRCUIT  
ORIGIN OF COORDINATES: IT II DPS 36839  
HEIGHT DATUM: MOTURIKI 1953  
ORIGIN OF HEIGHT: SS507 SO 42451 RL: 44.04m

TITLE

## STAGE 18 WASTEWATER AS-BUILT PLAN

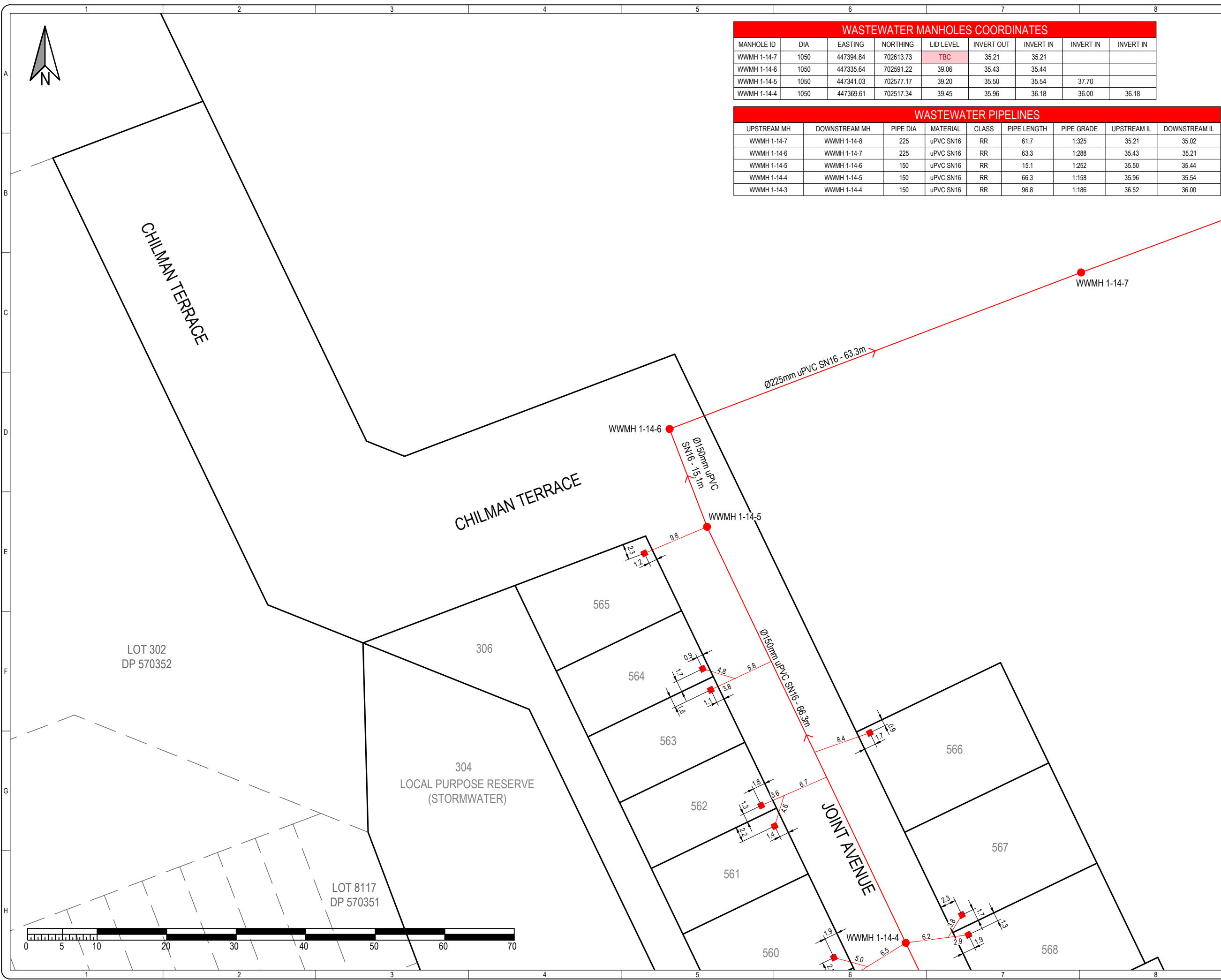


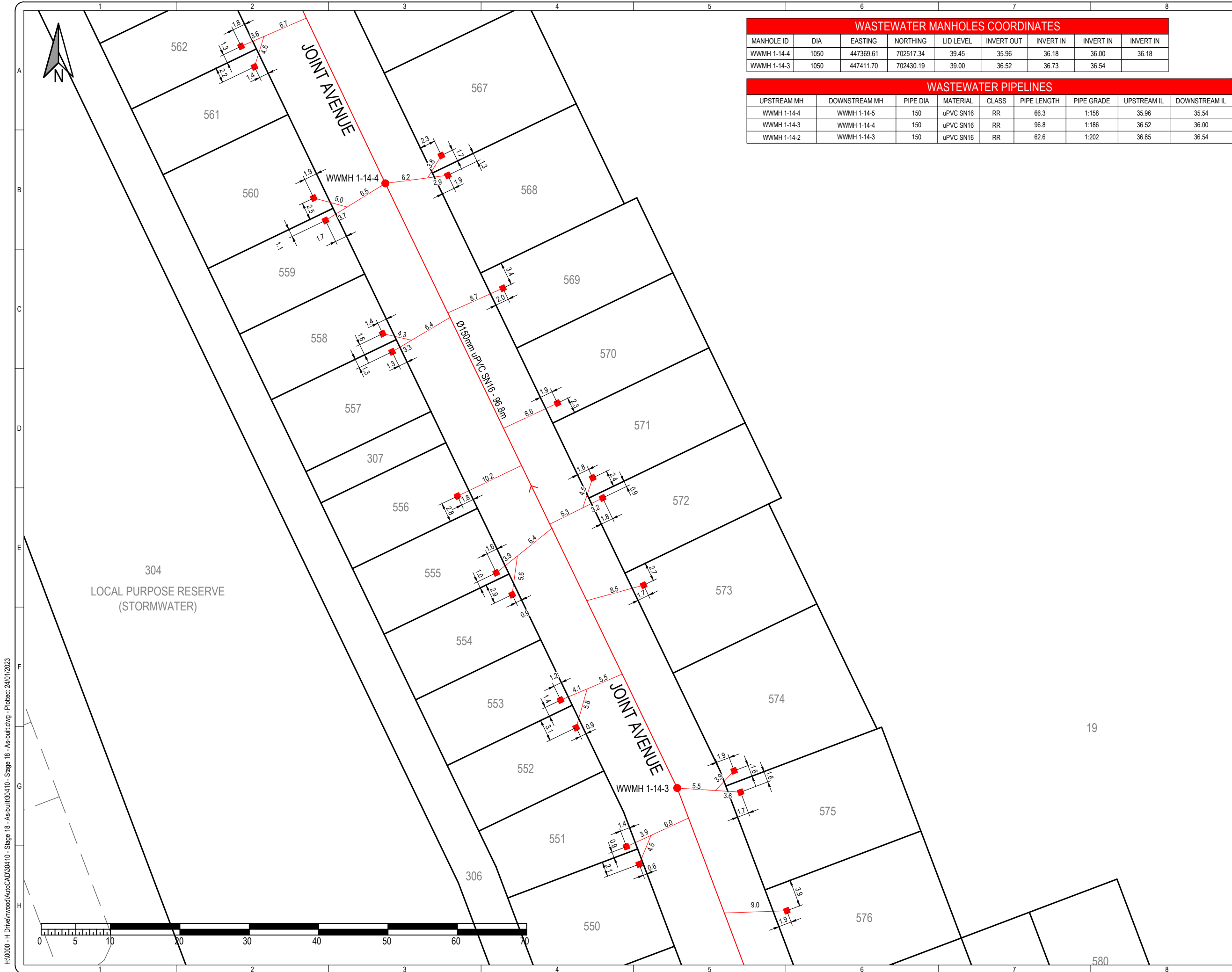
ORIGINAL SCALES @ A3 STATUS  
1:500 AS-BUILT  
DO NOT SCALE DIMENSIONS  
DRAWING NO. REVISION

30410-01-S18-WW1B AB

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**WASTEWATER MANHOLES COORDINATES**

MANHOLE ID	DIA	EASTING	NORTHING	LID LEVEL	INVERT OUT	INVERT IN	INVERT IN	INVERT IN
WWMH 1-14-4	1050	447369.61	702517.34	39.45	35.96	36.18	36.00	36.18
WWMH 1-14-3	1050	447411.70	702430.19	39.00	36.52	36.73	36.54	

**WASTEWATER PIPELINES**

UPSTREAM MH	DOWNSTREAM MH	PIPE DIA	MATERIAL	CLASS	PIPE LENGTH	PIPE GRADE	UPSTREAM IL	DOWNSTREAM IL
WWMH 1-14-4	WWMH 1-14-5	150	uPVC SN16	RR	66.3	1:158	35.96	35.54
WWMH 1-14-3	WWMH 1-14-4	150	uPVC SN16	RR	96.8	1:186	36.52	36.00
WWMH 1-14-2	WWMH 1-14-3	150	uPVC SN16	RR	62.6	1:202	36.85	36.54



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- WASTEWATER EXISTING
- WASTEWATER MANHOLE (NEW)
- WASTEWATER MANHOLE (EXISTING)

TO BE READ IN CONJUNCTION WITH  
30410-01-S18-WW1A  
30410-01-S18-WW1B  
30410-01-S18-WW1D

Rev	DESCRIPTION	DRN	CKD	APP	DATE
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AB	FOR WORK CLEARANCE	SRC	SRC	BP	01/23

NAME	DATE	NAME	DATE
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ORIGIN OF HEIGHT: SS507 SO 42451 RL: 44.04m

TITLE

## STAGE 18 WASTEWATER AS-BUILT PLAN



ORIGINAL SCALES @ A3 STATUS  
1:500 AS-BUILT

DO NOT SCALE DIMENSIONS  
DRAWING NO. 30410-01-S18-WW1C AB

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WASTEWATER MANHOLES COORDINATES							
MANHOLE ID	DIA	EASTING	NORTHING	LID LEVEL	INVERT OUT	INVERT IN	INVERT IN
WWMH 1-14-3	1050	447411.70	702430.19	39.00	36.52	36.73	36.54
WWMH 1-14-2	1050	447433.77	702371.58	38.44	36.85	37.01	37.02
WWMH 1-14-1	1050	447353.22	702341.44	39.04	37.89	37.93	
WWMH 1-14-2-1	1050	447469.60	702385.47	38.79	37.35	37.44	37.36

WASTEWATER PIPELINES								
UPSTREAM MH	DOWNSTREAM MH	PIPE DIA	MATERIAL	CLASS	PIPE LENGTH	PIPE GRADE	UPSTREAM IL	DOWNSTREAM IL
WWMH 1-14-3	WWMH 1-14-4	150	uPVC SN16	RR	96.8	1:186	36.52	36.00
WWMH 1-14-2	WWMH 1-14-3	150	uPVC SN16	RR	62.6	1:202	36.85	36.54
WWMH 1-14-1	WWMH 1-14-2	150	uPVC SN16	RR	86.0	1:99	37.89	37.02
WWMH 1-14-2-1	WWMH 1-14-2	150	uPVC SN16	RR	38.4	1:113	37.35	37.01

  
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- NOTES:**
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- LEGEND:**
-  LOT BOUNDARY
  -  ABUTTALS
  -  WASTEWATER MAIN
  -  WASTEWATER CONNECTION
  -  WASTEWATER EXISTING
  -  WASTEWATER MANHOLE (NEW)
  -  WASTEWATER MANHOLE (EXISTING)

TO BE READ IN CONJUNCTION WITH  
 30410-01-S18-WW1A  
 30410-01-S18-WW1B  
 30410-01-S18-WW1C

Rev	DESCRIPTION	DRN	CKD	APP	DATE
0	PRELIMINARY	SRC	SRC	BP	12/22
AB	FOR WORK CLEARANCE	SRC	SRC	BP	01/23

NAME	DATE	NAME	DATE
SURVEYED	WEST 2022	DESIGNED	

COORDINATE SYSTEM: NZGD 2000 - MT EDEN CIRCUIT  
 ORIGIN OF COORDINATES: IT II DPS 35839  
 HEIGHT DATUM: MOTURIKI 1953  
 ORIGIN OF HEIGHT: SS507 SO 42451 RL: 44.04m

**STAGE 18**  
**WASTEWATER**  
**AS-BUILT PLAN**

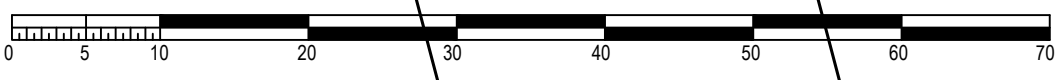
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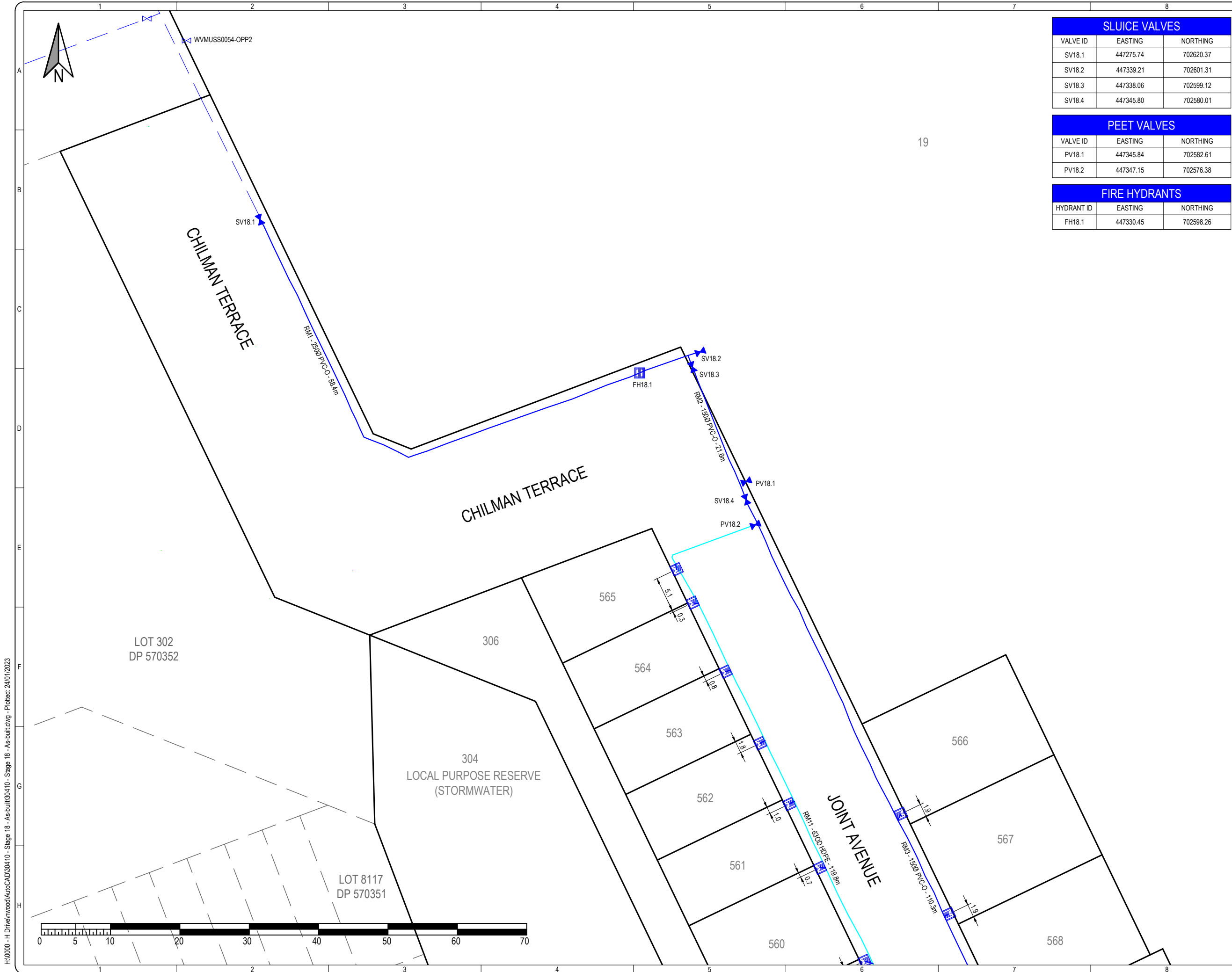



ORIGINAL SCALES @ A3	STATUS
1:500	AS-BUILT
DO NOT SCALE DIMENSIONS	
DRAWING NO	REVISION
<b>30410-01-S18-WW1D</b>	<b>AB</b>

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**SLUICE VALVES**

VALVE ID	EASTING	NORTHING
SV18.1	447275.74	702620.37
SV18.2	447339.21	702601.31
SV18.3	447338.06	702599.12
SV18.4	447345.80	702580.01

**PEET VALVES**

VALVE ID	EASTING	NORTHING
PV18.1	447345.84	702582.61
PV18.2	447347.15	702576.38

**FIRE HYDRANTS**

HYDRANT ID	EASTING	NORTHING
FH18.1	447330.45	702598.26

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 www.sltga.co.nz

- NOTES:**
- HCC REF: 011.2019.7140.003.
  - WATERMANS PLOTTED FROM DATA SUPPLIED BY ONLINE CONTRACTORS.

- LEGEND:**
- LOT BOUNDARY
  - ABUTTALS
  - EXISTING WATERMAIN
  - EXISTING RIDERMAIN
  - WATERMAIN
  - RIDERMAIN
  - VALVE (NEW)
  - VALVE (EXISTING)
  - FIRE HYDRANT
  - WATER METER

TO BE READ IN CONJUNCTION WITH  
 30410-01-S18-W1B  
 30410-01-S18-W1C

Rev	DESCRIPTION	DRN	CKD	APP	DATE
0	PRELIMINARY	SRC	SRC	BP	12/22
AB	FOR WORK CLEARANCE	NW	SRC	BP	01/23

NAME	DATE	NAME	DATE
SURVEYED ONLINE	09/22	DESIGNED	

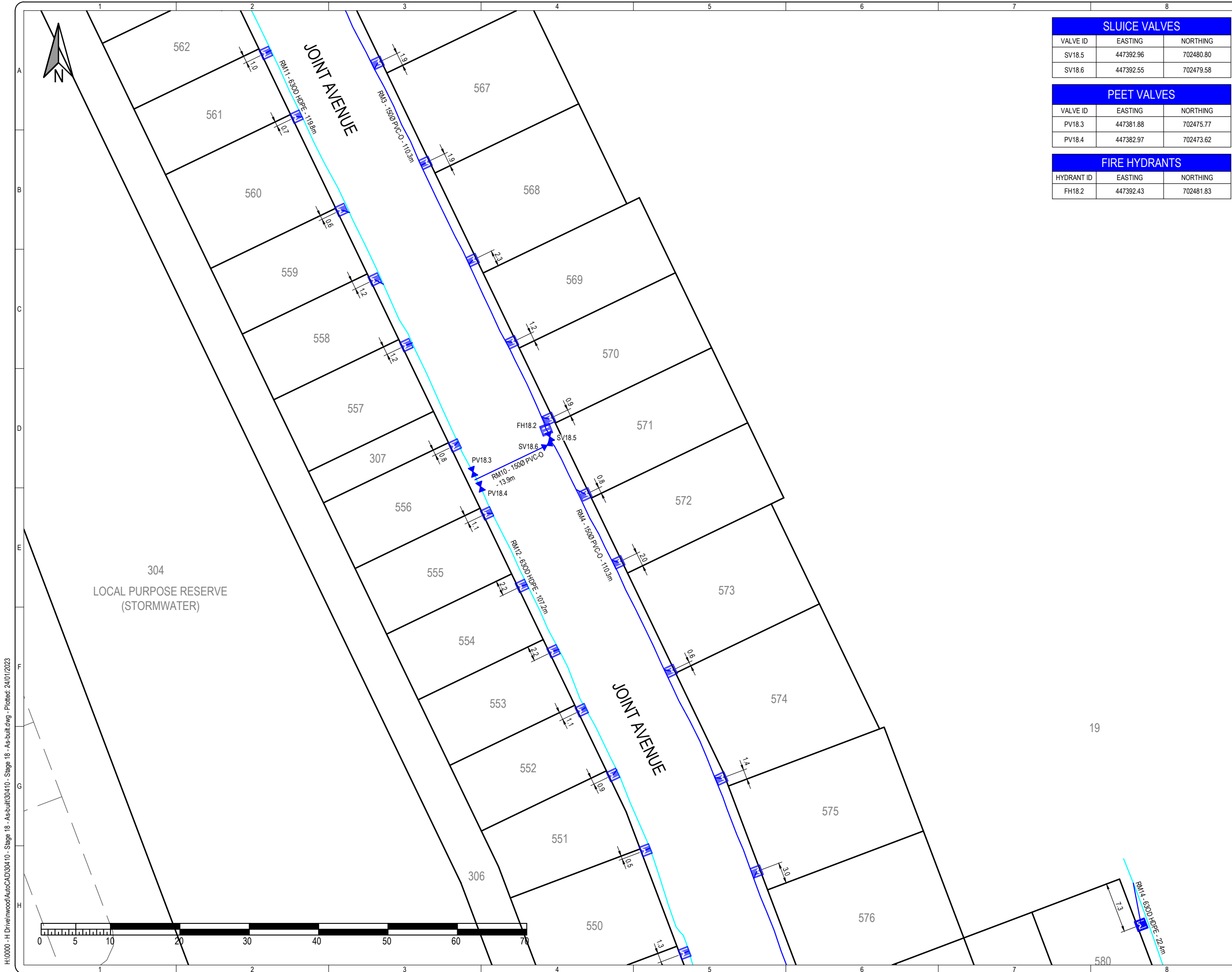
COORDINATE SYSTEM: NZGD 2000 - MT EDEN CIRCUIT  
 ORIGIN OF COORDINATES: IT II DPS 35839  
 HEIGHT DATUM: MOTURIKI 1953  
 ORIGIN OF HEIGHT: SS507 SO 42451 RL: 44.04m

**STAGE 18  
 WATER  
 AS-BUILT PLAN**

PREPARED FOR

ORIGINAL SCALES @ A3	STATUS
1:500	AS-BUILT
DO NOT SCALE DIMENSIONS	
DRAWING NO	REVISION
30410-01-S18-W1A	AB

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**SLUICE VALVES**

VALVE ID	EASTING	NORTHING
SV18.5	447392.96	702480.80
SV18.6	447392.55	702479.58

**PEET VALVES**

VALVE ID	EASTING	NORTHING
PV18.3	447381.88	702475.77
PV18.4	447382.97	702473.62

**FIRE HYDRANTS**

HYDRANT ID	EASTING	NORTHING
FH18.2	447392.43	702481.83

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  - WATERMANS PLOTTED FROM DATA SUPPLIED BY ONLINE CONTRACTORS.

- LEGEND:**
- LOT BOUNDARY
  - ABUTTALS
  - EXISTING WATERMAIN
  - EXISTING RIDERMAIN
  - WATERMAIN
  - RIDERMAIN
  - VALVE (NEW)
  - VALVE (EXISTING)
  - FIRE HYDRANT
  - WATER METER

TO BE READ IN CONJUNCTION WITH  
30410-01-S18-W1A  
30410-01-S18-W1C

Rev	DESCRIPTION	DRN	CKD	APP	DATE
0	PRELIMINARY	SRC	SRC	BP	12/22
AB	FOR WORK CLEARANCE	NW	SRC	BP	01/23

NAME	DATE	NAME	DATE
SURVEYED ONLINE	09/22	DESIGNED	

COORDINATE SYSTEM: NZGD 2000 - MT EDEN CIRCUIT  
ORIGIN OF COORDINATES: IT II DPS 35839  
HEIGHT DATUM: MOTURIKI 1953  
ORIGIN OF HEIGHT: SS507 SO 42451 RL: 44.04m

**STAGE 18  
WATER  
AS-BUILT PLAN**

PREPARED FOR

ORIGINAL SCALES @ A3	STATUS
1:500	AS-BUILT
DO NOT SCALE DIMENSIONS	
DRAWING NO	REVISION
30410-01-S18-W1B	AB

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NOTES:

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- WATERMAINS PLOTTED FROM DATA SUPPLIED BY ONLINE CONTRACTORS.

LEGEND:

- LOT BOUNDARY
- ABUTTALS
- EXISTING WATERMAIN
- EXISTING RIDERMAIN
- WATERMAIN
- RIDERMAIN
- VALVE (NEW)
- VALVE (EXISTING)
- FIRE HYDRANT
- WATER METER

TO BE READ IN CONJUNCTION WITH  
30410-01-S18-W1A  
30410-01-S18-W1B

Rev	DESCRIPTION	DRN	CKD	APP	DATE
0	PRELIMINARY	SRC	SRC	BP	12/22
AB	FOR WORK CLEARANCE	NW	SRC	BP	01/23

NAME	DATE	NAME	DATE
SURVEYED ONLINE	09/22	DESIGNED	
COORDINATE SYSTEM: NZGD 2000 - MT EDEN CIRCUIT			
ORIGIN OF COORDINATES: IT II DPS 35839			
HEIGHT DATUM: MOTURIKI 1953			
ORIGIN OF HEIGHT: SS507 SO 42451 RL: 44.04m			

# STAGE 18 WATER AS-BUILT PLAN

PREPARED FOR

ORIGINAL SCALES @ A3	STATUS
1:500	AS-BUILT
DO NOT SCALE DIMENSIONS	REVISION
DRAWING NO	
<b>30410-01-S18-W1C</b>	<b>AB</b>

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SLUICE VALVES		
VALVE ID	EASTING	NORTHING
SV18.7	447436.21	702380.48
SV18.8	447436.42	702378.06
SV18.9	447476.35	702393.83
SV18.10	447483.10	702396.32
SV18.11	447495.76	702401.80
SV18.12	447409.37	702368.30

PEET VALVES		
VALVE ID	EASTING	NORTHING
PV18.5	447424.84	702375.26
PV18.6	447411.45	702368.14
PV18.7	447477.80	702392.70
PV18.8	447483.60	702399.00

FIRE HYDRANTS		
HYDRANT ID	EASTING	NORTHING
FH18.3	447438.42	702378.98

H:\0000 - H Drive\wood\AutoCAD\30410 - Stage 18 - As-built\30410 - Stage 18 - As-built.dwg - Plotted: 24/01/2023





**STORMWATER MANHOLES COORDINATES**

MANHOLE ID	DIA	EASTING	NORTHING	LID LEVEL	INVERT OUT	INVERT IN	INVERT IN	INVERT IN	INVERT IN
SWMH D5-1	1050	447360.04	702531.18	39.37	37.55	37.70	37.68		
SWMH CC5	1050	447383.84	702407.88	38.21	35.97	36.07			
SWMH CC4	1050	447356.87	702471.36	38.96	36.64	36.69			
SWMH CC3	1050	447382.83	702484.40	39.22	36.89	36.97	37.42	36.92	37.74
SWMH CC2	1050	447405.08	702438.57	38.96	37.16	37.25	37.17	37.56	37.21
SWMH CC1	1050	447415.53	702413.13	38.80	37.22	37.33	37.33		
SWMH CC3-1	1050	447374.67	702501.57	39.31	37.69	37.80	37.80		

**STORMWATER PIPELINES**

UPSTREAM MH	DOWNSTREAM MH	PIPE DIA	MATERIAL	CLASS	PIPE LENGTH	PIPE GRADE	UPSTREAM IL	DOWNSTREAM IL
SWMH D5-1	SWMH D5-2	225	uPVC	SN16	20.9	1.67	37.55	37.24
SWMH CC5	SWOUT CC6	375	RCRRJ	4	10.2	1.73	35.97	35.83
SWMH CC4	SWMH CC5	375	RCRRJ	4	69.0	1:121	36.64	36.07
SWMH CC3	SWMH CC4	375	RCRRJ	4	29.0	1:145	36.89	36.69
SWMH CC2	SWMH CC3	300	uPVC	SN16	50.9	1:212	37.16	36.92
SWMH CC1	SWMH CC2	225	uPVC	SN16	27.5	1:550	37.22	37.17
SWMH CC3-1	SWMH CC3	225	uPVC	SN16	19.0	1:26	37.69	36.97

  
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- NOTES:**
- HCC REF: 011.2019.7140.003.
  - ALL SINGLE CATCHPIT LEADS ARE Ø225 DIA RCRRJ CLASS 4 UNLESS OTHERWISE STATED.
  - ALL DOUBLE CATCHPIT LEADS ARE Ø300 DIA RCRRJ CLASS 4 UNLESS OTHERWISE STATED.
  - LOT CONNECTIONS ARE Ø100 FOR SINGLE AND Ø150 FOR DOUBLE UNLESS OTHERWISE STATED.

- LEGEND:**
- LOT BOUNDARY
  - - - ABUTTALS
  - ~ OVERLAND FLOWPATH
  - STORMWATER MAIN
  - STORMWATER CONNECTION
  - STORMWATER EXISTING
  - STORMWATER MANHOLE (NEW)
  - STORMWATER MANHOLE (EXISTING)
  - CATCHPIT (CP)
  - DOUBLE CATCHPIT (DCP)
  - OUTLET

TO BE READ IN CONJUNCTION WITH  
 30410-01-S18-SW1A  
 30410-01-S18-SW1C

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**STAGE 18**  
**STORMWATER**  
**AS-BUILT PLAN**

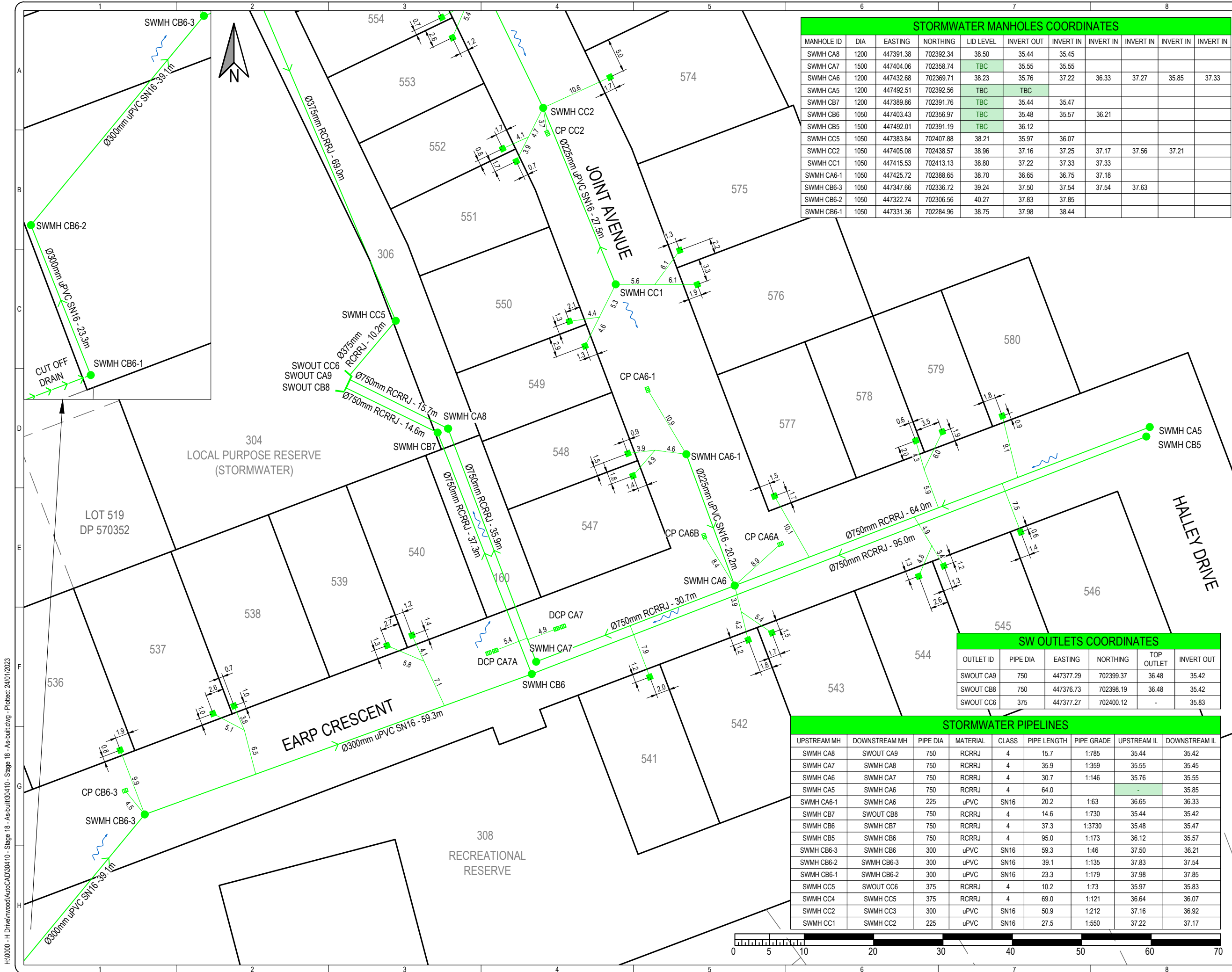
PREPARED FOR




ORIGINAL SCALES @ A3	STATUS
1:500	AS-BUILT
DO NOT SCALE DIMENSIONS	
DRAWING NO	REVISION
<b>30410-01-S18-SW1B</b>	<b>AB</b>

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**STORMWATER MANHOLES COORDINATES**

MANHOLE ID	DIA	EASTING	NORTHING	LID LEVEL	INVERT OUT	INVERT IN	INVERT IN	INVERT IN	INVERT IN
SWMH CA8	1200	447391.38	702392.34	38.50	35.44	35.45			
SWMH CA7	1500	447404.06	702358.74	TBC	35.55	35.55			
SWMH CA6	1200	447432.68	702369.71	38.23	35.76	37.22	36.33	37.27	35.85
SWMH CA5	1200	447492.51	702392.56	TBC	TBC				
SWMH CB7	1200	447389.86	702391.76	TBC	35.44	35.47			
SWMH CB6	1050	447403.43	702356.97	TBC	35.48	35.57	36.21		
SWMH CB5	1500	447492.01	702391.19	TBC	36.12				
SWMH CC5	1050	447383.84	702407.88	38.21	35.97	36.07			
SWMH CC2	1050	447405.08	702438.57	38.96	37.16	37.25	37.17	37.56	37.21
SWMH CC1	1050	447415.53	702413.13	38.80	37.22	37.33	37.33		
SWMH CA6-1	1050	447425.72	702388.65	38.70	36.65	36.75	37.18		
SWMH CB6-3	1050	447347.66	702336.72	39.24	37.50	37.54	37.54	37.63	
SWMH CB6-2	1050	447322.74	702306.56	40.27	37.83	37.85			
SWMH CB6-1	1050	447331.36	702284.96	38.75	37.98	38.44			

**SW OUTLETS COORDINATES**

OUTLET ID	PIPE DIA	EASTING	NORTHING	TOP OUTLET	INVERT OUT
SWOUT CA9	750	447377.29	702399.37	36.48	35.42
SWOUT CB8	750	447376.73	702398.19	36.48	35.42
SWOUT CC6	375	447377.27	702400.12	-	35.83

**STORMWATER PIPELINES**

UPSTREAM MH	DOWNSTREAM MH	PIPE DIA	MATERIAL	CLASS	PIPE LENGTH	PIPE GRADE	UPSTREAM IL	DOWNSTREAM IL
SWMH CA8	SWOUT CA9	750	RCRRJ	4	15.7	1:785	35.44	35.42
SWMH CA7	SWMH CA8	750	RCRRJ	4	35.9	1:359	35.55	35.45
SWMH CA6	SWMH CA7	750	RCRRJ	4	30.7	1:146	35.76	35.55
SWMH CA5	SWMH CA6	750	RCRRJ	4	64.0	-	-	35.85
SWMH CA6-1	SWMH CA6	225	uPVC	SN16	20.2	1:63	36.65	36.33
SWMH CB7	SWOUT CB8	750	RCRRJ	4	14.6	1:730	35.44	35.42
SWMH CB6	SWMH CB7	750	RCRRJ	4	37.3	1:3730	35.48	35.47
SWMH CB5	SWMH CB6	750	RCRRJ	4	95.0	1:173	36.12	35.57
SWMH CB6-3	SWMH CB6	300	uPVC	SN16	59.3	1:46	37.50	36.21
SWMH CB6-2	SWMH CB6-3	300	uPVC	SN16	39.1	1:135	37.83	37.54
SWMH CB6-1	SWMH CB6-2	300	uPVC	SN16	23.3	1:179	37.98	37.85
SWMH CC5	SWOUT CC6	375	RCRRJ	4	10.2	1:73	35.97	35.83
SWMH CC4	SWMH CC5	375	RCRRJ	4	69.0	1:121	36.64	36.07
SWMH CC2	SWMH CC3	300	uPVC	SN16	50.9	1:212	37.16	36.92
SWMH CC1	SWMH CC2	225	uPVC	SN16	27.5	1:550	37.22	37.17

**S&L**  
**SHRIMPTON & LIPINSKI**  
 LAND DEVELOPMENT & DESIGN SPECIALISTS  
 Ph: 07 577 6069  
 Email: info@sltga.co.nz  
 P.O. Box 231, Tauranga 3140  
 www.sltga.co.nz

- NOTES:**
- HCC REF: 011.2019.7140.003.
  - ALL SINGLE CATCHPIT LEADS ARE Ø225 DIA RCRRJ CLASS 4 UNLESS OTHERWISE STATED.
  - ALL DOUBLE CATCHPIT LEADS ARE Ø300 DIA RCRRJ CLASS 4 UNLESS OTHERWISE STATED.
  - LOT CONNECTIONS ARE Ø100 FOR SINGLE AND Ø150 FOR DOUBLE UNLESS OTHERWISE STATED.

- LEGEND:**
- LOT BOUNDARY
  - ABUTTALS
  - OVERLAND FLOWPATH
  - STORMWATER MAIN
  - STORMWATER CONNECTION
  - STORMWATER EXISTING
  - STORMWATER MANHOLE (NEW)
  - STORMWATER MANHOLE (EXISTING)
  - CATCHPIT (CP)
  - DOUBLE CATCHPIT (DCP)
  - OUTLET

TO BE READ IN CONJUNCTION WITH  
 30410-01-S18-SW1A  
 30410-01-S18-SW1B

Rev	DESCRIPTION	DRN	CKD	APP	DATE
0	PRELIMINARY	SRC	SRC	BP	12/22
AB	FOR WORK CLEARANCE	NW	SRC	BP	01/23

NAME	DATE	NAME	DATE

SURVEYED WEST 2022 DESIGNED  
 COORDINATE SYSTEM: NZGD 2000 - MT EDEN CIRCUIT  
 ORIGIN OF COORDINATES: IT II DPS 35839  
 HEIGHT DATUM: MOTURIKI 1953  
 ORIGIN OF HEIGHT: SS507 SO 42451 RL: 44.04m

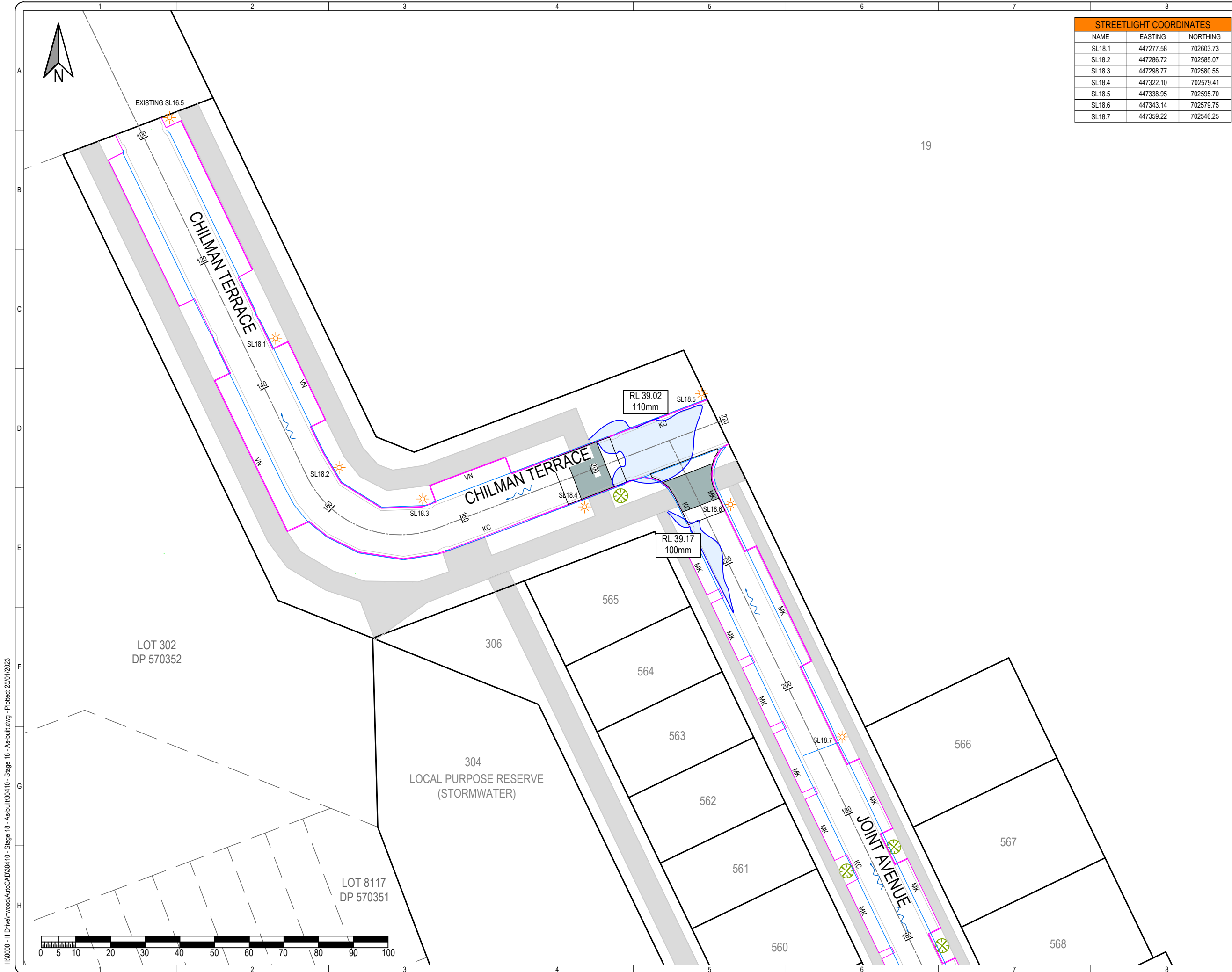
**STAGE 18  
 STORMWATER  
 AS-BUILT PLAN**

PREPARED FOR  
**Chedworth** Properties Limited  
**GREENHILL** PARK

ORIGINAL SCALES @ A3 STATUS  
 1:500 AS-BUILT














DO NOT SCALE DIMENSIONS  
 DRAWING NO  
**30410-01-S18-SW1C** AB

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STREETLIGHT COORDINATES		
NAME	EASTING	NORTHING
SL18.1	447277.58	702603.73
SL18.2	447286.72	702585.07
SL18.3	447298.77	702580.55
SL18.4	447322.10	702579.41
SL18.5	447338.95	702595.70
SL18.6	447343.14	702579.75
SL18.7	447359.22	702546.25

  
**SHRIMPTON & LIPINSKI**  
 LAND DEVELOPMENT &  
 DESIGN SPECIALISTS  
 Ph. 07 577 6069  
 Email: info@stga.co.nz  
 P.O. Box 231, Tauranga 3140  
 www.stga.co.nz

- NOTES:**
- HCC REF: 011.2019.7140.003.
- LEGEND:**
-  LOT BOUNDARY
  -  ABUTTALS
  -  EDGE OF SEAL
  -  KC KERB AND CHANNEL
  -  MK MOUNTABLE KERB
  -  VN VERTICAL NIB
  -  RAISED CONCRETE
  -  SUBSOIL DRAINS
  -  FOOTPATH
  -  STREETLIGHT
  -  TREE
  -  OVERLAND FLOWPATH
  -  PONDING AREA

TO BE READ IN CONJUNCTION WITH  
 30410-01-S18-R1B  
 30410-01-S18-R1C

Rev	DESCRIPTION	DRN	CKD	APP	DATE
0	PRELIMINARY	NW	SC	BP	01/23
AB	FOR WORK CLEARANCE	NW	SC	BP	01/23

SURVEYED	BE	01/23	DESIGNED	NAME	DATE

COORDINATE SYSTEM: NZGD 2000 - MT EDEN CIRCUIT  
 ORIGIN OF COORDINATES: IT II DPS 36839  
 HEIGHT DATUM: MOTURIKI 1953  
 ORIGIN OF HEIGHT: SS507 SO 42451 RL: 44.04m

**STAGE 18  
 ROADING  
 AS-BUILT PLAN**

PREPARED FOR




ORIGINAL SCALES @ A3	STATUS
1:500	AS-BUILT
DO NOT SCALE DIMENSIONS	
DRAWING NO	REVISION
30410-01-S18-R1A	AB

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STREETLIGHT COORDINATES		
NAME	EASTING	NORTHING
SL18.8	447380.07	702502.88
SL18.9	447401.01	702459.44
SL18.10	447421.05	702414.31

**SHRIMPTON & LIPINSKI**  
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 DESIGN SPECIALISTS  
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 Email: info@sltga.co.nz  
 P.O. Box 231, Tauranga 3140  
 www.sltga.co.nz

**NOTES:**  
 1. HCC REF: 011.2019.7140.003.

- LEGEND:**
- LOT BOUNDARY
  - - - ABUTTALS
  - EDGE OF SEAL
  - KC KERB AND CHANNEL
  - MK MOUNTABLE KERB
  - VN VERTICAL NIB
  - RAISED CONCRETE
  - SUBSOIL DRAINS
  - FOOTPATH
  - ☀ STREETLIGHT
  - ⊗ TREE
  - ~ OVERLAND FLOWPATH
  - PONDING AREA

TO BE READ IN CONJUNCTION WITH  
 30410-01-S18-R1A  
 30410-01-S18-R1C

Rev	DESCRIPTION	DRN	CKD	APP	DATE
0	PRELIMINARY	NW	SC	BP	01/23
AB	FOR WORK CLEARANCE	NW	SC	BP	01/23

SURVEYED	BE	01/23	DESIGNED		
COORDINATE SYSTEM: NZGD 2000 - MT EDEN CIRCUIT					
ORIGIN OF COORDINATES: IT II DPS 35839					
HEIGHT DATUM: MOTURIKI 1953					
ORIGIN OF HEIGHT: SS507 SO 42451 RL: 44.04m					

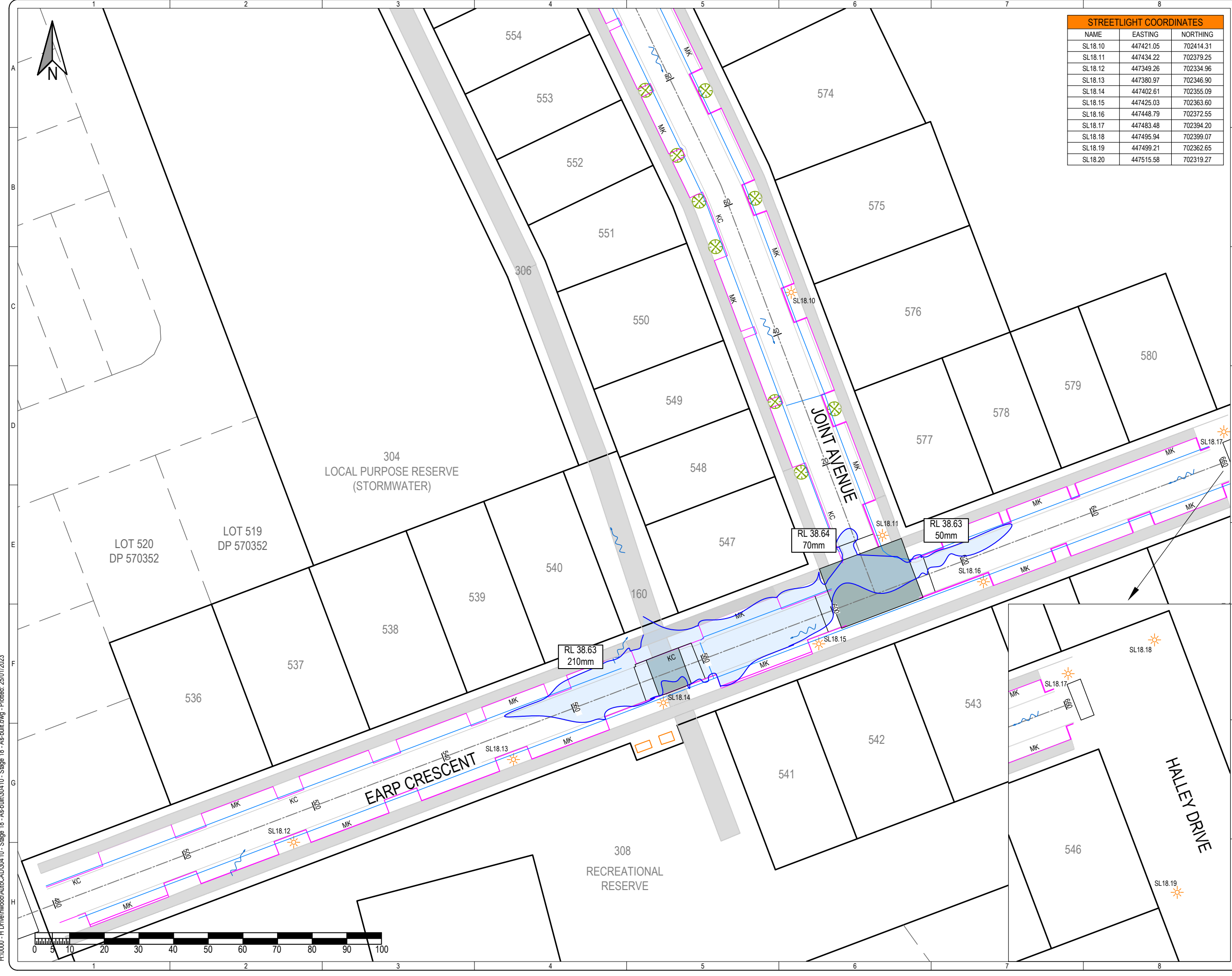
TITLE

## STAGE 18 ROADING AS-BUILT PLAN

PREPARED FOR

ORIGINAL SCALES @ A3	STATUS
1:500	AS-BUILT
DO NOT SCALE DIMENSIONS	
DRAWING NO	REVISION
30410-01-S18-R1B	AB

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STREETLIGHT COORDINATES		
NAME	EASTING	NORTHING
SL18.10	447421.05	702414.31
SL18.11	447434.22	702379.25
SL18.12	447349.26	702334.96
SL18.13	447380.97	702346.90
SL18.14	447402.61	702355.09
SL18.15	447425.03	702363.60
SL18.16	447448.79	702372.55
SL18.17	447483.48	702394.20
SL18.18	447495.94	702399.07
SL18.19	447499.21	702362.65
SL18.20	447515.58	702319.27

  
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 DESIGN SPECIALISTS  
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 Email: info@sltga.co.nz  
 P.O. Box 231, Tauranga 3140  
 www.sltga.co.nz

**NOTES:**  
 1. HCC REF: 011.2019.7140.003.

- LEGEND:**
- LOT BOUNDARY
  - - - ABUTTALS
  - EDGE OF SEAL
  - KC KERB AND CHANNEL
  - MK MOUNTABLE KERB
  - VN VERTICAL NIB
  - RAISED CONCRETE
  - SUBSOIL DRAINS
  - FOOTPATH
  - ☀ STREETLIGHT
  - ⊗ TREE
  - ~ OVERLAND FLOWPATH
  - ▭ PONDING AREA

TO BE READ IN CONJUNCTION WITH  
 30410-01-S18-R1A  
 30410-01-S18-R1B

Rev	DESCRIPTION	DRN	CKD	APP	DATE
0	PRELIMINARY	NW	SC	BP	01/23
AB	FOR WORK CLEARANCE	NW	SC	BP	01/23

NAME	DATE	NAME	DATE
SURVEYED	BE 01/23	DESIGNED	

COORDINATE SYSTEM: NZGD 2000 - MT EDEN CIRCUIT  
 ORIGIN OF COORDINATES: IT II DPS 36839  
 HEIGHT DATUM: MOTURIKI 1953  
 ORIGIN OF HEIGHT: SS507 SO 42451 RL: 44.04m

## STAGE 18 ROADING AS-BUILT PLAN

PREPARED FOR




ORIGINAL SCALES @ A3	STATUS
1:500	AS-BUILT
DO NOT SCALE DIMENSIONS	
DRAWING NO	REVISION
30410-01-S18-R1C	AB

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# Greenhill Park Area KL&U Stage 18


PROJECT NUMBER: **BM191029** AS BUILT

PROJECT ADDRESS: Carrs Road  
Chartwell  
Hamilton 3210

CLIENT: **Chedworth Properties Limited**

CLIENT ADDRESS: H.G Webb House  
1110 Victoria Street  
(Corner of Victoria Street and Boundary Road)  
Hamilton 3200

CONSULTANTS: **S&L Consultants  
IBEX Lighting**



Boffa Miskell Limited  
Level 3, SouthBloc  
140 Anglesea Street  
Hamilton 3240  
New Zealand  
Tel: +64 7 960 0006  
www.boffamiskell.co.nz

REV	DATE	DESCRIPTION
-	17.11.21	ISSUED FOR CONSTRUCTION
1	03.02.22	ISSUED FOR CONSTRUCTION
2	23.02.22	ISSUED FOR CONSTRUCTION
3	12.07.22	ISSUED FOR CONSTRUCTION
4	01.09.22	ISSUED FOR CONSTRUCTION
5	02.09.22	ISSUED FOR CONSTRUCTION
6	21.12.22	AS BUILT
7	18.01.23	AS BUILT
8	20.01.23	AS BUILT

## SHEET INDEX

### 100 Preliminary & General

- 100 Cover Sheet
- 130 Key Sheet

### 200 Plans

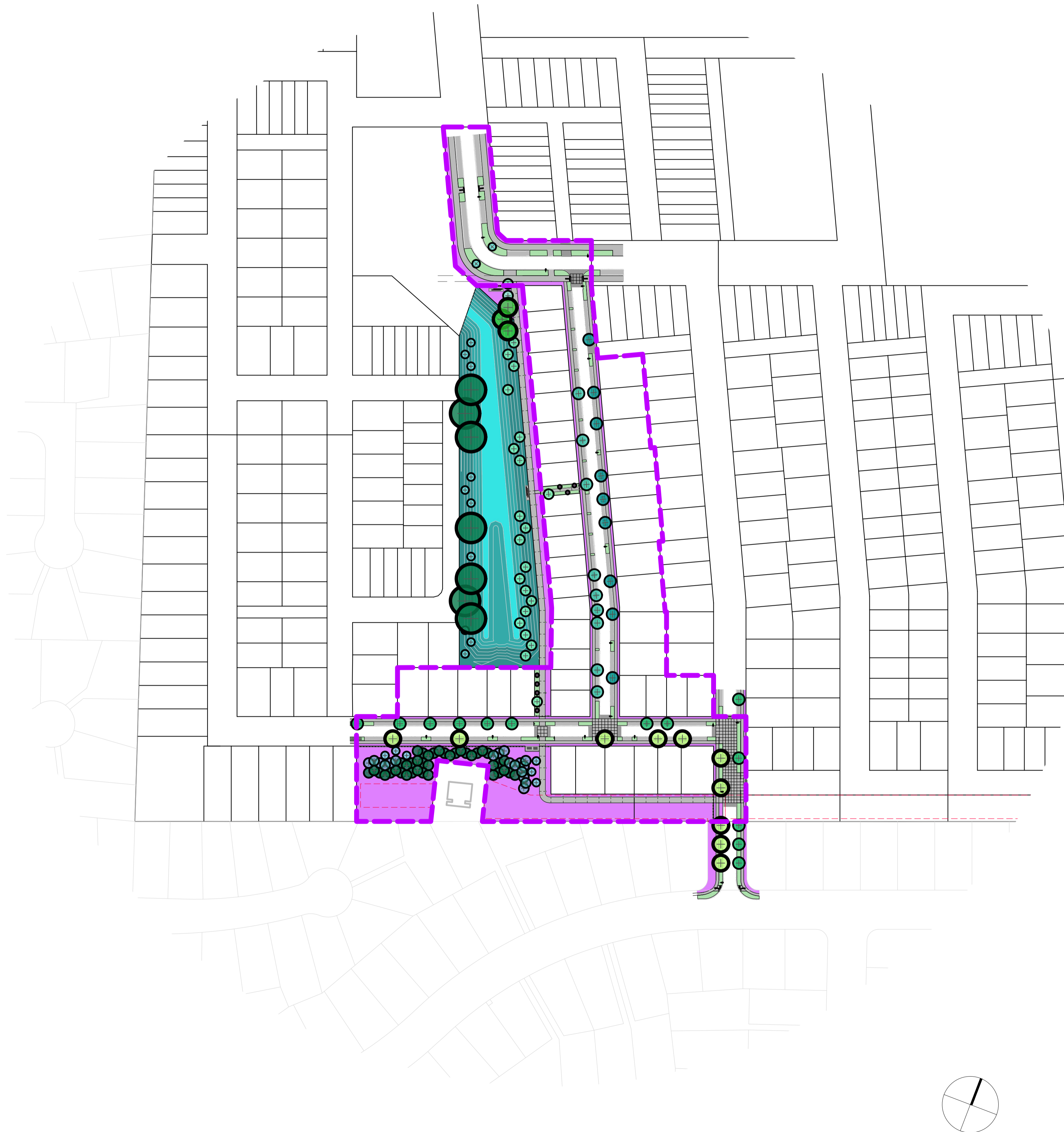
- 200 Sheet Locations
- 201 General Arrangement Sheet 01
- 202 General Arrangement Sheet 02
- 203 General Arrangement Sheet 03

### 500 Plans

- 500 Planting Schedule
- 501 Planting Plan General Arrangement
- 502 Planting Plan Sheet Locations
- 503 Planting Plan Sheet 01
- 504 Planting Plan Sheet 02
- 505 Planting Plan Sheet 03
- 506 Planting Plan Sheet 04
- 507 Planting Plan Sheet 05
- 508 Planting Plan Sheet 06
- 509 Planting Plan Sheet 07
- 510 Planting Plan Sheet 08
- 511 Planting Plan Sheet 09
- 512 Planting Plan Sheet 10
- 513 Planting Plan Sheet 11
- 514 Planting Plan Sheet 12
- 515 Planting Plan Sheet 13
- 516 Planting Plan Sheet 14

### 600 Details

- 600 Details Sheet 01



## GENERAL NOTES

All drawings shall be read in conjunction with the Landscape Specifications and other Consultant's Drawings and Specifications.

The Contractor is responsible for confirming the location of all underground services on site prior to commencing work.

Drawings shall not be scaled. Use dimensioned measurements only.

The Contractor shall verify all dimensions on site prior to commencing work.

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## KEY NOTES

### PAVING

THE FOLLOWING NOTES RELATE TO THE AESTHETIC QUALITIES AND FINISH OF THE MATERIAL ONLY. REFER CIVIL ENGINEERING DRAWINGS AND SPECIFICATIONS FOR ALL OTHER INFORMATION.

- P01** PAVING TYPE 1  
Dark-grey insitu concrete paving with a soft-bristled broom finish.  
SPECIFICATION SECTION: 3124

### JOINTS

REFER CIVIL ENGINEERING DRAWINGS AND SPECIFICATIONS FOR ALL CONSTRUCTION JOINTS, EXPANSION JOINTS, CONTROL JOINTS AND DECORATIVE SAW CUTS.

### EDGING

THE FOLLOWING NOTES RELATE TO THE AESTHETIC QUALITIES AND FINISH OF THE MATERIAL ONLY. REFER CIVIL ENGINEERING DRAWINGS AND SPECIFICATIONS FOR ALL OTHER INFORMATION.

- E03** INSITU CONCRETE MOWING STRIP  
450mm wide dark-grey insitu concrete mowing strip with a soft-bristled broom finish.  
SPECIFICATION SECTION: 8410

### KERBS

REFER CIVIL ENGINEERING DRAWINGS AND SPECIFICATIONS FOR ALL KERBS.

### DRAINAGE

REFER CIVIL ENGINEERING DRAWINGS AND SPECIFICATIONS FOR ALL DRAINAGE.

### LIGHTING

THE FOLLOWING NOTES RELATE TO THE AESTHETIC QUALITIES AND FINISH OF THE MATERIAL ONLY. REFER SERVICES AND CIVIL ENGINEERING DRAWINGS AND SPECIFICATIONS FOR ALL OTHER INFORMATION.

- L01** PATHWAY BOLLARD LIGHTING  
CODE: we-ef PSY414 LED 114-9401  
DIMENSIONS: H 800mm W 180mm D 190/100mm  
LIGHT SOURCE: 2700K or Wildlife Sensitive PC Amber LED  
INGRESS PROTECTION: IP66/IP67  
IMPACT PROTECTION: IK10  
MATERIAL: Marine-grade, all-aluminium construction. Pole section with galvanised steel reinforcement core.  
COLOUR: RAL9004 Signal black.  
WARRANTY: 10-year warranty.  
SPACING ALONG SHARED PATH: 12 metre centres (typical) as detailed.  
REFER DETAIL: 1/201  
SPECIFICATION: Install in accordance with the Manufacturer's instructions.

### FURNITURE

- F03** BOLLARD  
Timber bollard with black stain finish.  
SPECIFICATION SECTION: 8461
- F04** REMOVABLE LOCKABLE BOLLARD  
Removable-lockable timber bollard with black stain finish.  
SPECIFICATION SECTION: 8461

### VEGETATION

- V01** PLANTING  
Herbs, sedges and shrubs with mulch.  
REFER DETAIL: 3/600  
SPECIFICATION SECTION: 8310, 8321, 8332
- V02** GRASS  
Seeded grass area.  
REFER DETAIL: 4/600  
SPECIFICATION SECTION: 8333

### TREES

- T01** STREET TREE PIT  
REFER DETAIL: 1/600  
SPECIFICATION SECTION: 8310, 8321, 8332
- T02** RESERVE TREE PIT  
A CAD Drawing (DWG/DXF Format) will be provided to the Contractor for set out purposes.  
REFER DETAIL: 2/600  
SPECIFICATION SECTION: 8310, 8321, 8332

### NOTES

CONTRACTORS TO VERIFY ALL DIMENSIONS ON SITE PRIOR TO COMMENCING WORK;

CONTRACTORS ARE RESPONSIBLE FOR CONFIRMING THE LOCATION OF ALL UNDERGROUND SERVICES ON SITE PRIOR TO COMMENCING WORK;

FIGURED DIMENSIONS TO BE TAKEN IN PREFERENCE TO SCALED DIMENSIONS.

### KEY

REV	DATE	DESCRIPTION
-	17.11.21	ISSUED FOR CONSTRUCTION
1	12.07.22	ISSUED FOR CONSTRUCTION
2	21.12.22	AS BUILT
3	18.01.23	AS BUILT
4	20.01.22	AS BUILT

CLIENT  
Chedworth Properties Ltd

CONSULTANTS  
S&L Consultants  
IBEX Lighting

AS BUILT

GREENHILL PARK  
AREA KL&U  
STAGE 18

KEY SHEET

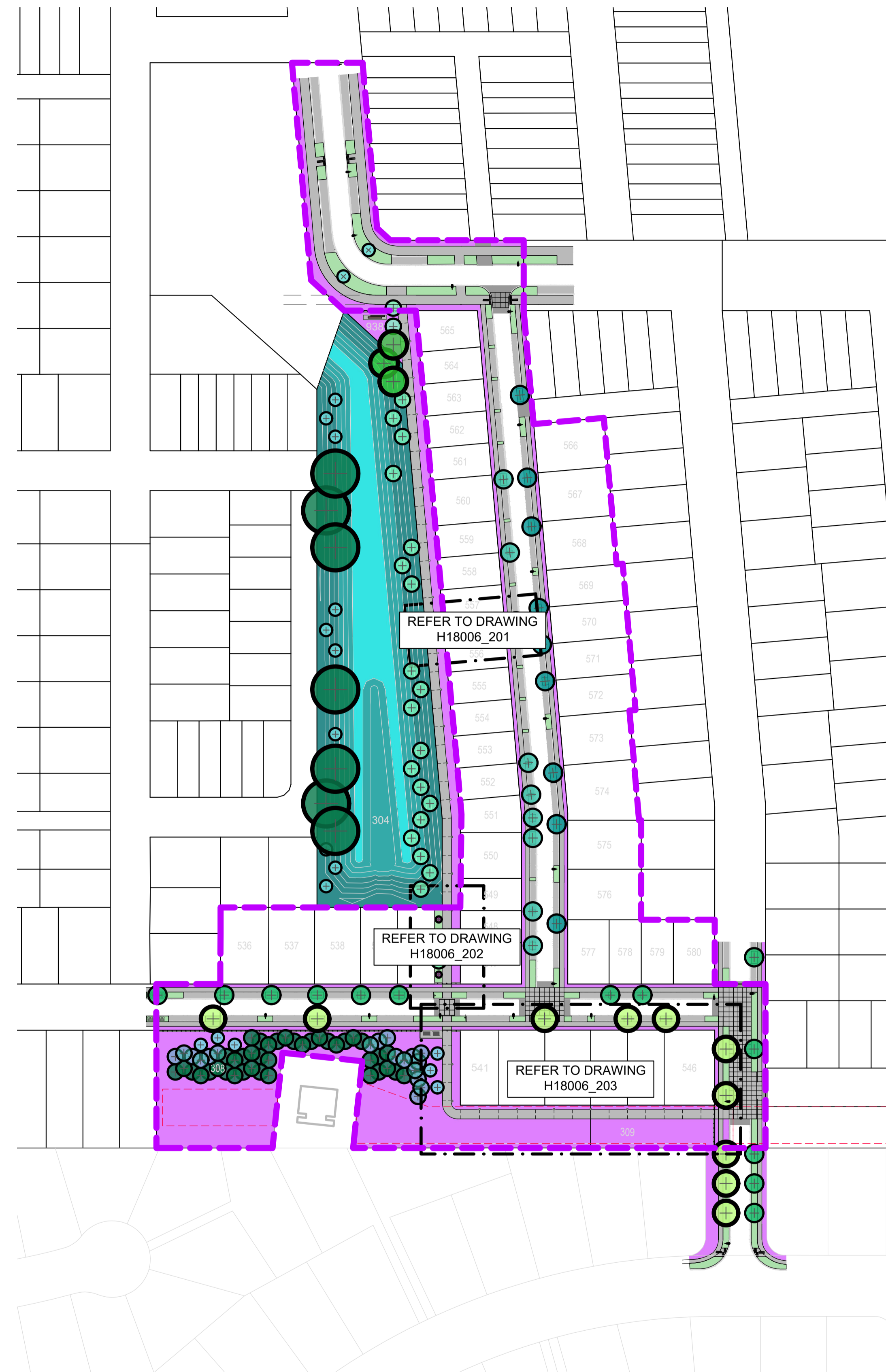
Design Drawn Check Appv'd	ARo ARo	Scale Not to Scale	Date 17.11.21
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DRAWING NO.	REVISION
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BM191029\_130

4





**NOTES**

CONTRACTORS TO VERIFY ALL DIMENSIONS ON SITE PRIOR TO COMMENCING WORK;  
 CONTRACTORS ARE RESPONSIBLE FOR CONFIRMING THE LOCATION OF ALL UNDERGROUND SERVICES ON SITE PRIOR TO COMMENCING WORK;  
 FIGURED DIMENSIONS TO BE TAKEN IN PREFERENCE TO SCALED DIMENSIONS.

**KEY**

- REFER TO DRAWING NUMBER BM191029\_130 KEY SHEET
- STAGE 18
  - PLANTING
  - LAWN

REV	DATE	DESCRIPTION
-	03.02.22	ISSUED FOR CONSTRUCTION
1	23.02.22	ISSUED FOR CONSTRUCTION
2	12.07.22	ISSUED FOR CONSTRUCTION
3	21.12.22	AS BUILT
4	18.01.23	AS BUILT
5	20.01.22	AS BUILT

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 Chedworth Properties Ltd

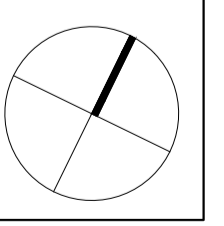
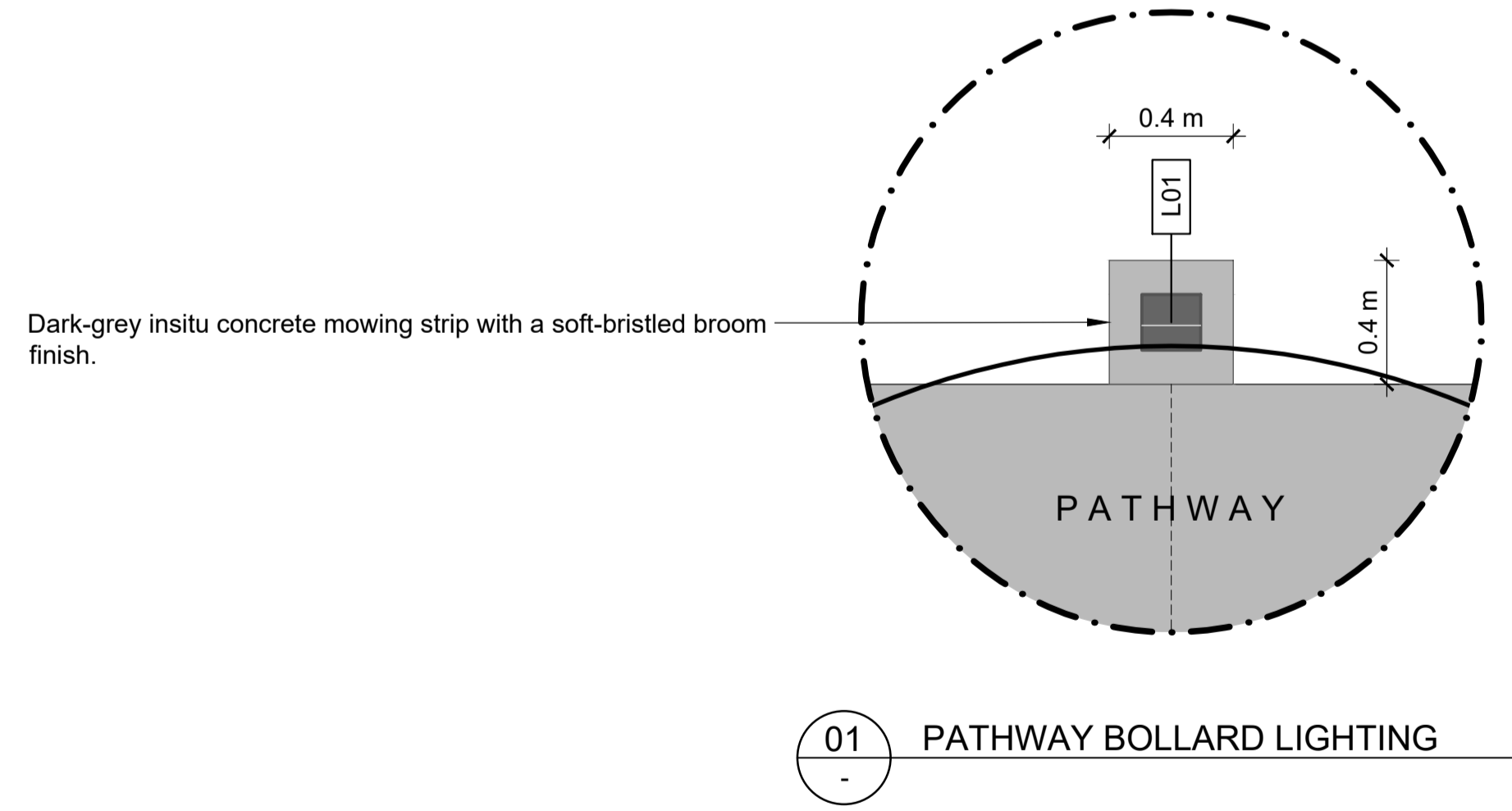
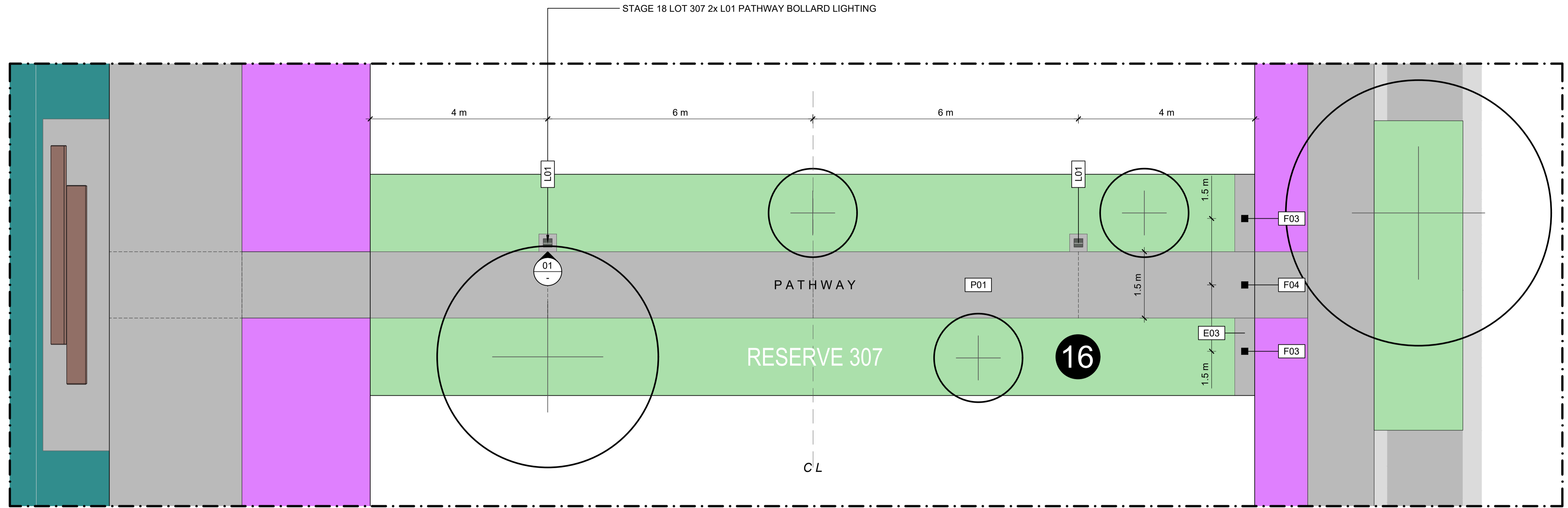
CONSULTANTS  
 S&L Consultants  
 IBEX Lighting

**AS BUILT**

**GREENHILL PARK  
 AREA KL&U  
 STAGE 18**  
 SHEET LOCATIONS

Design	ARo	Scale	Date
Drawn	ARo	1:1,000 @ A1	03.02.22
Check		1:2,000 @ A3	
Appv'd			

DRAWING NO.	REVISION
BM191029_200	5



**NOTES**

CONTRACTORS TO VERIFY ALL DIMENSIONS ON SITE PRIOR TO COMMENCING WORK;

CONTRACTORS ARE RESPONSIBLE FOR CONFIRMING THE LOCATION OF ALL UNDERGROUND SERVICES ON SITE PRIOR TO COMMENCING WORK;

FIGURED DIMENSIONS TO BE TAKEN IN PREFERENCE TO SCALED DIMENSIONS.

**KEY**

REFER TO DRAWING NUMBER BM191029\_130 KEY SHEET

- STAGE 18
- PARK 16
- CONCRETE CONTROL JOINTS
- LAWN

REV	DATE	DESCRIPTION
-	03.02.22	ISSUED FOR CONSTRUCTION
1	23.02.22	ISSUED FOR CONSTRUCTION
2	12.07.22	L01 SHARED PATH BOLLARD LIGHTING ADDED
3	01.09.22	L01 SHARED PATH BOLLARD LIGHTING DIMENSIONS
4	21.12.22	AS BUILT
5	18.01.23	AS BUILT
6	20.01.22	AS BUILT

CLIENT  
Chedworth Properties Ltd

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S&L Consultants  
IBEX Lighting

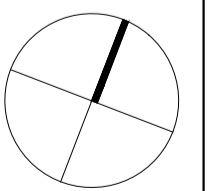
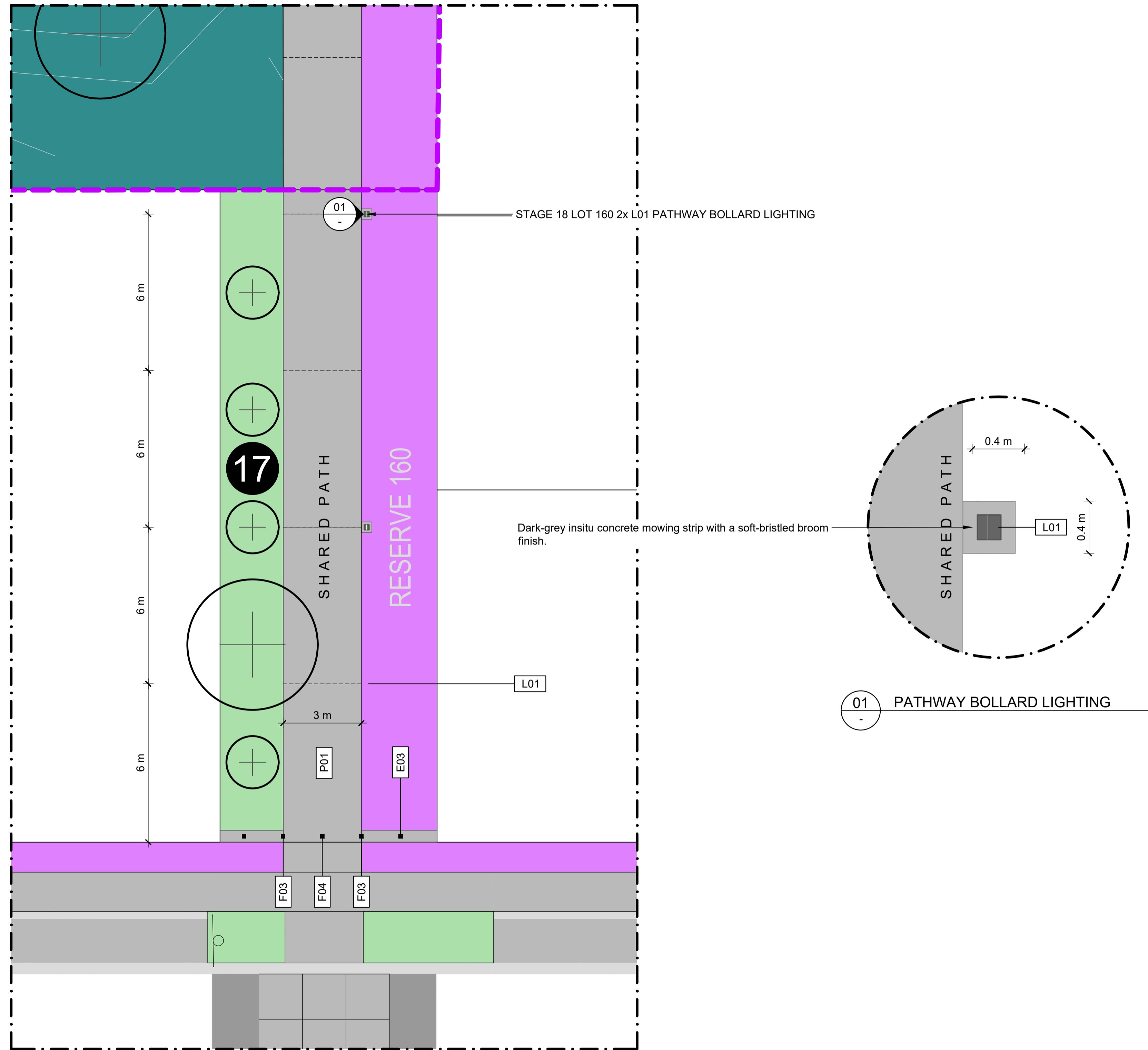
**AS BUILT**

**GREENHILL PARK  
AREA KL&U  
STAGE 18**

GENERAL ARRANGEMENT  
RESERVE 307  
SHEET 01 OF 03

Design	ARo	Scale	Date
Drawn	ARo	1:50 @ A1	03.02.22
Check		1:100 @ A3	
Appv'd			

DRAWING NO.	REVISION
BM191029_201	6



**NOTES**

CONTRACTORS TO VERIFY ALL DIMENSIONS ON SITE PRIOR TO COMMENCING WORK;

CONTRACTORS ARE RESPONSIBLE FOR CONFIRMING THE LOCATION OF ALL UNDERGROUND SERVICES ON SITE PRIOR TO COMMENCING WORK;

FIGURED DIMENSIONS TO BE TAKEN IN PREFERENCE TO SCALED DIMENSIONS.

**KEY**

REFER TO DRAWING NUMBER BM191029\_130 KEY SHEET

- STAGE 18
- PARK 17
- CONCRETE CONTROL JOINTS
- LAWN

REV	DATE	DESCRIPTION
-	03.02.22	ISSUED FOR CONSTRUCTION
1	23.02.22	ISSUED FOR CONSTRUCTION
2	12.07.22	ISSUED FOR CONSTRUCTION
3	02.09.22	SHARED PATH BOLLARD LIGHTING DIMENSIONS ADDED
4	21.12.22	AS BUILT
5	18.01.23	AS BUILT
6	20.01.22	AS BUILT

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Chedworth Properties Ltd

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IBEX Lighting

AS BUILT

**GREENHILL PARK  
AREA KL&U  
STAGE 18**

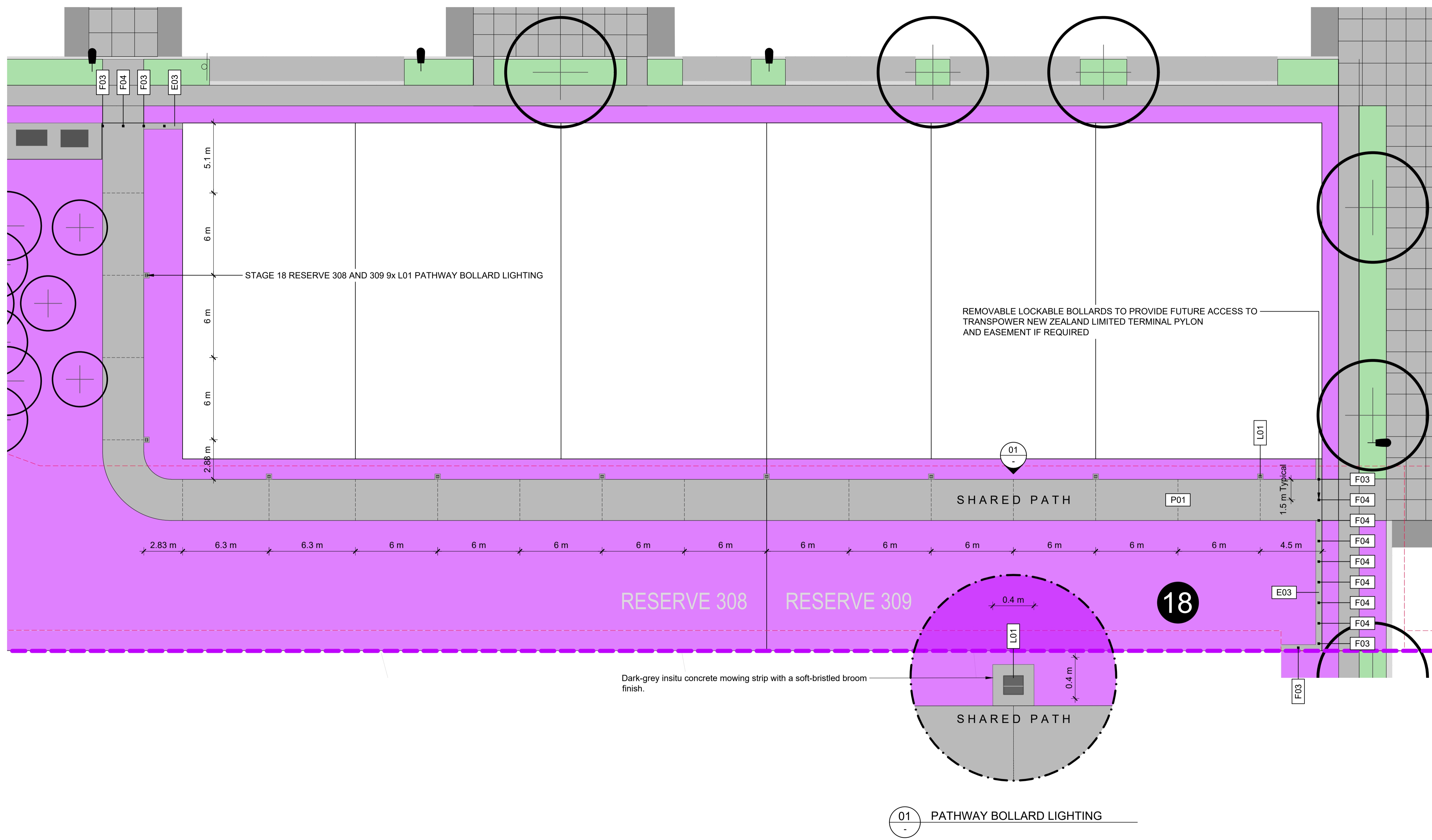
GENERAL ARRANGEMENT  
RESERVE 160  
SHEET 02 OF 03

Design	ARo	Scale	Date
Drawn	ARo	1:100 @ A1	03.02.22
Check		1:200 @ A3	
Appv'd			

DRAWING NO. REVISION

BM191029\_202 6





**NOTES**

CONTRACTORS TO VERIFY ALL DIMENSIONS ON SITE PRIOR TO COMMENCING WORK;

CONTRACTORS ARE RESPONSIBLE FOR CONFIRMING THE LOCATION OF ALL UNDERGROUND SERVICES ON SITE PRIOR TO COMMENCING WORK;

FIGURED DIMENSIONS TO BE TAKEN IN PREFERENCE TO SCALED DIMENSIONS.

**KEY**

REFER TO DRAWING NUMBER BM191029\_130 KEY SHEET

STAGE 18

PARK 18

CONCRETE CONTROL JOINTS

LAWN

REV	DATE	DESCRIPTION
-	03.02.22	ISSUED FOR CONSTRUCTION
1	23.02.22	ISSUED FOR CONSTRUCTION
2	02.09.22	SHARED PATH BOLLARD LIGHTING DIMENSIONS ADDED
3	21.12.22	AS BUILT
4	18.01.23	AS BUILT
5	20.01.22	AS BUILT

CLIENT  
Chedworth Properties Ltd

CONSULTANTS  
S&L Consultants  
IBEX Lighting

AS BUILT

GREENHILL PARK  
AREA KL&U  
STAGE 18

GENERAL ARRANGEMENT  
RESERVES 308 AND 309  
SHEET 03 OF 03

Design ARo  
Drawn ARo  
Check Appv'd

Scale  
1:150 @ A1  
1:300 @ A3

Date  
03.02.22

DRAWING NO. REVISION

BM191029\_203 5

Planting Schedule						
Collector Street						
Botanical Name	Common Name	Evergreen	Deciduous	Size	Centres (m)	Quantity
<b>Specimen Trees</b>						
<i>Knightia excelsa</i>	rewarewa	•		100-180L	As shown	2
<b>Berm Planting</b>						
<i>Carex testacea</i>	orange sedge	•		1L	0.5	744
<b>Planting Area</b>						410m <sup>2</sup>
<b>Mulch</b>						41m <sup>3</sup>
Local Street						
Botanical Name	Common Name	Evergreen	Deciduous	Size	Centres (m)	Quantity
<b>Specimen Trees</b>						
<i>Acer rubrum</i>	American red maple		•	100-180L	As shown	10
<i>Prunus lusitanica</i>	Portuguese laurel	•		100-180L	As shown	13
<b>Berm Planting</b>						
<i>Carex testacea</i>	orange sedge	•		1L	0.5	300
<i>Hebe 'Wiri Mst'</i>	koromiko, hebe cultivar	•		1L	0.75	204
<i>Libertia peregrinans</i>	turutu, New Zealand iris	•		1L	0.4	208
<i>Pseudowintera 'Cherry Ripe'</i>	flax cultivar	•		1L	0.5	136
<b>Planting Area</b>						585m <sup>2</sup>
<b>Mulch</b>						58.5m <sup>3</sup>
Neighbourhood Street						
Botanical Name	Common Name	Evergreen	Deciduous	Size	Centres (m)	Quantity
<b>Specimen Trees</b>						
<i>Alectryon excelsus</i>	tītōki	•		100-180L	As shown	9
<i>Pyrus calleryana 'Aristocrat'</i>	ornamental pear		•	100-180L	As shown	9
<b>Berm Planting</b>						
<i>Carex testacea</i>	orange sedge	•		1L	0.5	173
<i>Hebe 'Wiri Mst'</i>	koromiko, hebe cultivar	•		1L	0.75	20
<i>Libertia peregrinans</i>	turutu, New Zealand iris	•		1L	0.4	77
<i>Pseudowintera 'Cherry Ripe'</i>	flax cultivar	•		1L	0.5	117
<b>Planting Area</b>						235m <sup>2</sup>
<b>Mulch</b>						23.5m <sup>3</sup>
Park 16						
Botanical Name	Common Name	Evergreen	Deciduous	Size	Centres (m)	Quantity
<b>Specimen Trees</b>						
<i>Magnolia x soulangeana x liliflora 'Genie'</i>	magnolia		•	100-180L	As shown	3
<i>Sophora microphylla</i>	kōwhai	•		100-180L	As shown	1
<b>Berm Planting</b>						
<i>Carex testacea</i>	orange sedge	•		1L	0.5	45
<i>Hebe 'Wiri Mst'</i>	koromiko, hebe cultivar	•		1L	0.75	44
<i>Libertia peregrinans</i>	turutu, New Zealand iris	•		1L	0.4	24
<i>Pseudowintera 'Cherry Ripe'</i>	flax cultivar	•		1L	0.5	24
<b>Planting Area</b>						70m <sup>2</sup>
<b>Mulch</b>						7m <sup>3</sup>

Park 17						
Botanical Name	Common Name	Evergreen	Deciduous	Size	Centres (m)	Quantity
<b>Specimen Trees</b>						
<i>Magnolia x soulangeana x liliflora 'Genie'</i>	magnolia		•	100-180L	As shown	4
<i>Sophora microphylla</i>	kōwhai	•		100-180L	As shown	1
<b>Berm Planting</b>						
<i>Carex testacea</i>	orange sedge	•		1L	0.5	46
<i>Hebe 'Wiri Mst'</i>	koromiko, hebe cultivar	•		1L	0.75	18
<i>Pseudowintera 'Cherry Ripe'</i>	flax cultivar	•		1L	0.5	20
<b>Planting Area</b>						60m <sup>2</sup>
<b>Mulch</b>						6m <sup>3</sup>
Planting Adjacent to Transpower New Zealand Limited Terminal Pylon and Easements						
Botanical Name	Common Name	Evergreen	Deciduous	Size	Centres (m)	Quantity
<b>Specimen Trees</b>						
<i>Cryptomeria japonica</i>	Japanese cedar	•		100-180L	3	40
<i>Knightia excelsa</i>	rewarewa	•		100-180L	6	6
<i>Liquidambar styraciflua</i>	sweet gum		•	100-180L	3	18
<b>Reserve Recreation and Stormwater</b>						
Botanical Name	Common Name	Evergreen	Deciduous	Size	Centres (m)	Quantity
<b>Specimen Trees</b>						
<i>Knightia excelsa</i>	rewarewa	•		100-180L	As shown	10
<i>Podocarpus totara</i>	tōtara	•		100-180L	As shown	3
<i>Quercus robur</i>	English oak		•	100-180L	As shown	7
<i>Sophora microphylla</i>	kōwhai	•		100-180L	As shown	20
<b>Upper Bank Planting   Soft-fine Leaved Grasses</b>						
<i>Carex dipsacea</i>	teasel sedge	•		0.5L	0.5	5469
<i>Carex dissita</i>	forest sedge	•		0.5L	0.5	4102
<i>Carex virgata</i>	pukio/swamp sedge	•		0.5L	0.75	1823
<b>Planting Area</b>						2,960m <sup>2</sup>
<b>Lower Bank Planting</b>						
<i>Bolboschoenus fluviatilis</i>	kukuraho	•		0.5L	0.75	397
<i>Carex geminata</i>	cutty grass	•		0.5L	0.75	793
<i>Carex lessoniana</i>	rautahi	•		0.5L	0.75	793
<i>Carex secta</i>	purei/makura	•		0.5L	0.75	397
<i>Carex virgata</i>	pukio	•		0.5L	0.75	397
<i>Cordyline australis</i>	cabbage tree	•		0.5L	1	223
<i>Cyperus ustulatus</i>	giant umbrella sedge	•		0.5L	0.5	893
<i>Eleocharis acuta</i>	spike rush	•		0.5L	0.5	1785
<i>Juncus edgariae</i>	wiwī	•		0.5L	0.5	1785
<i>Juncus pallidus</i>	giant rush wiwī	•		0.5L	0.75	1190
<i>Machaerina articulata</i>	jointed twig-rush	•		0.5L	0.75	793
<i>Machaerina rubiginosa</i>	orange nut sedge	•		0.5L	0.5	1785
<b>Planting Area</b>						3,865m <sup>2</sup>
Plant species are indicative only based on assumed soil moisture levels. Species to be reviewed following finalisation of groundwater levels and design. Other Waikato lowland species as appropriate.						



**NOTES**

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 FIGURED DIMENSIONS TO BE TAKEN IN PREFERENCE TO SCALED DIMENSIONS.

**KEY**

REFER TO DRAWING NUMBER BM191029\_130 KEY SHEET

REV	DATE	DESCRIPTION
-	17.11.21	ISSUED FOR CONSTRUCTION
1	03.02.21	ISSUED FOR CONSTRUCTION
2	23.02.22	ISSUED FOR CONSTRUCTION
3	12.07.22	LIBERTIA IXIODES SUBSTITUTED WITH LIBERTIA PEREGRINANS
4	21.12.22	AS BUILT
5	18.01.23	AS BUILT
6	20.01.22	AS BUILT

CLIENT  
Chedworth Properties Ltd

CONSULTANTS  
S&L Consultants  
IBEX Lighting

**AS BUILT**

**GREENHILL PARK  
AREA KL&U  
STAGE 18  
PLANTING SCHEDULE**

Design ARo  
Drawn ARo  
Check Not to Scale  
App'd 17.11.21



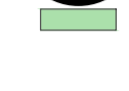

DRAWING NO. REVISION

BM191029\_500 **6**



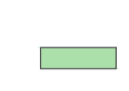



**Key**





**COLLECTOR STREET**

-  *Knightia excelsa* (rewarewa)
-  *Quercus robur* (English oak)
-  Berm Planting
-  Lawn






**LOCAL STREET**

-  *Acer rubrum* (American red maple)
-  *Prunus lusitanica* (Portuguese laurel)
-  Berm Planting
-  Lawn

**NEIGHBOURHOOD STREET**

-  *Alectryon excelsus* (tītiki)
-  *Pyrus calleryana* 'Aristocrat' (ornamental pear)
-  Berm Planting
-  Lawn







**RESERVE (PATHWAY)**

-  *Knightia excelsa* (rewarewa)
-  *Magnolia soulangeana x liliflora* 'Genie' (magnolia)
-  *Sophora microphylla* (kōwhai)
-  Berm Planting
-  Lawn

**PLANTING ADJACENT TO TRANSPOWER**

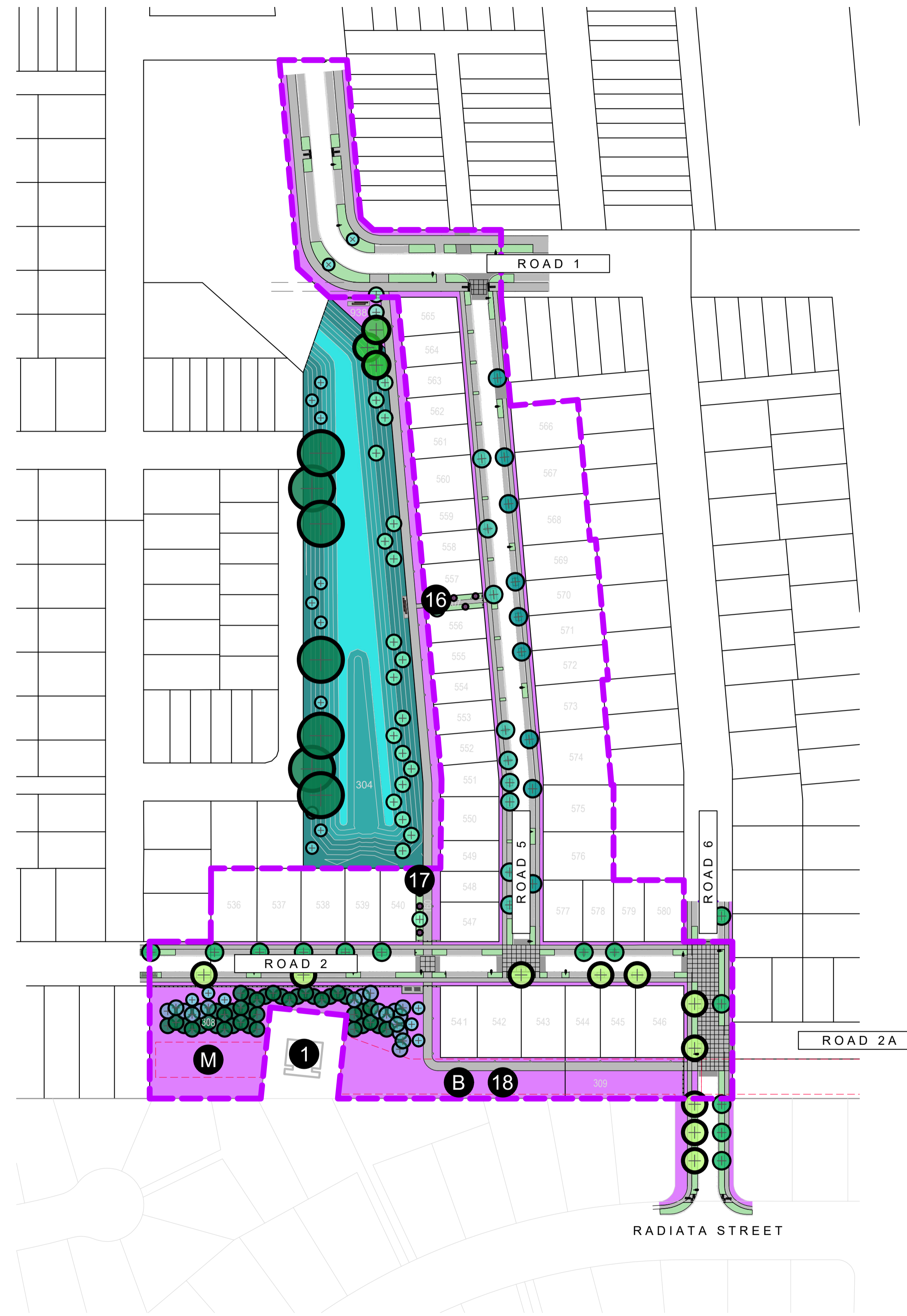
**NEW ZEALAND LIMITED**

**TERMINAL PYLON AND EASEMENTS**

-  LOT 1 DP 519325 Transpower New Zealand Limited Terminal Pylon
-  Transpower New Zealand Limited Easement
-  Transpower New Zealand Limited Easement
-  *Cryptomeria japonica* (Japanese cedar)
-  *Knightia excelsa* (rewarewa)
-  Lawn

**RESERVE TREE SET OUT**

A CAD Drawing (DWG/DXF Format) will be provided to the Contractor for set out purposes.



**NOTES**


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FIGURED DIMENSIONS TO BE TAKEN IN PREFERENCE TO SCALED DIMENSIONS.

**KEY**

REFER TO DRAWING NUMBER BM191029\_130 KEY SHEET

 STAGE 18

REV	DATE	DESCRIPTION
-	17.11.21	ISSUED FOR CONSTRUCTION
1	03.02.22	ISSUED FOR CONSTRUCTION
2	23.02.22	ISSUED FOR CONSTRUCTION
3	12.07.22	ISSUED FOR CONSTRUCTION
4	21.12.22	AS BUILT
5	18.01.23	AS BUILT
6	20.01.22	AS BUILT

CLIENT  
Chedworth Properties Ltd

CONSULTANTS  
S&L Consultants  
IBEX Lighting

**AS BUILT**

**GREENHILL PARK  
AREA KL&U  
STAGE 18**

PLANTING PLAN  
GENERAL ARRANGEMENT

Design	ARo	Scale	Date
Drawn	ARo	1:1,000 @ A1	17.11.21
Check		1:2,000 @ A3	
App'v'd			

DRAWING NO. REVISION

BM191029\_501 **6**



**NOTES**

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FIGURED DIMENSIONS TO BE TAKEN IN PREFERENCE TO SCALED DIMENSIONS.

**KEY**

REFER TO DRAWING NUMBER BM191029\_130 KEY SHEET

- STAGE 18
- PLANTING
- LAWN

REV	DATE	DESCRIPTION
-	17.11.21	ISSUED FOR CONSTRUCTION
1	03.02.22	ISSUED FOR CONSTRUCTION
2	23.02.22	ISSUED FOR CONSTRUCTION
3	12.07.22	ISSUED FOR CONSTRUCTION
4	21.12.22	AS BUILT
5	18.01.23	AS BUILT
6	20.01.22	AS BUILT

CLIENT  
Chedworth Properties Ltd

CONSULTANTS  
S&L Consultants  
IBEX Lighting

**AS BUILT**

**GREENHILL PARK  
AREA KL&U  
STAGE 18**  
PLANTING PLAN SHEET LOCATIONS

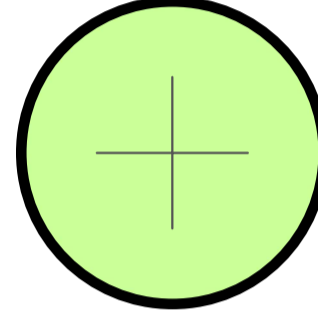
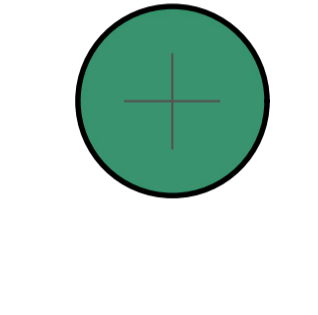
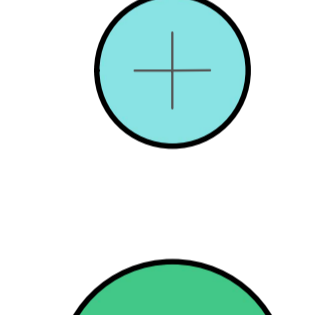
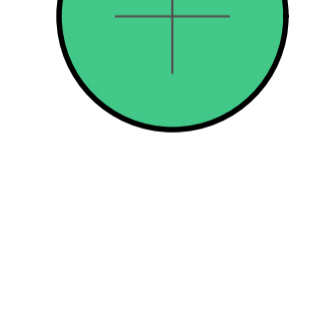
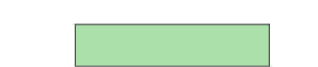


Design	ARo	Scale	Date
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Appv'd			

DRAWING NO.	REVISION
BM191029_502	6



### Key

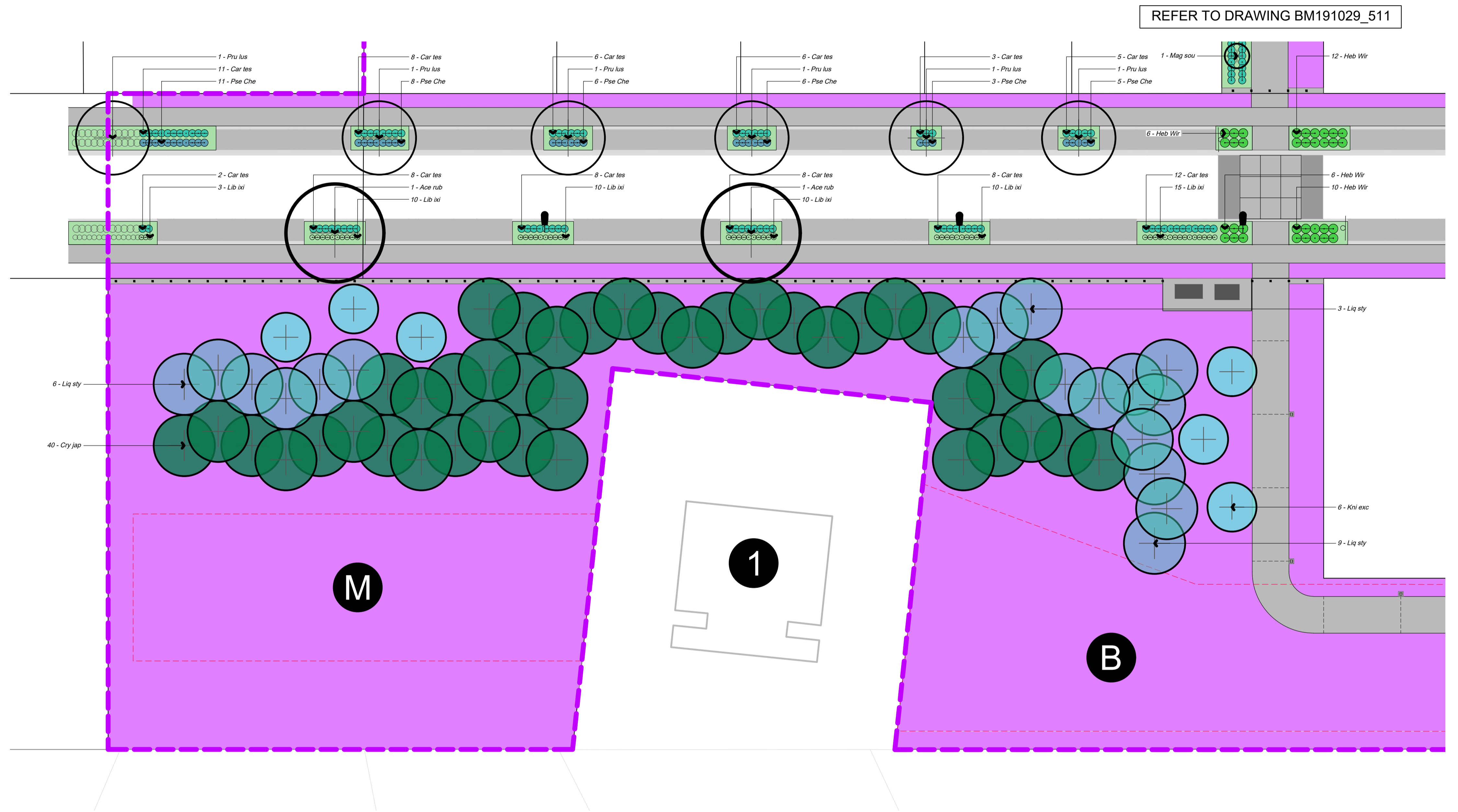
### Planting Adjacent to Transpower New Zealand Limited Terminal Pylon and Easements

- 1** LOT 1 DP 519325 Transpower New Zealand Limited Terminal Pylon
  - B** Transpower New Zealand Limited Easement
  - M** Transpower New Zealand Limited Easement
  -  **Acer rubrum** (American red maple)  
Deciduous.  
Ultimate height 12 metres x spread 8 metres.
  -  **Cryptomeria japonica** (Japanese cedar)  
Evergreen.  
Ultimate height 12 metres x spread 4 metres.  
Growth rate: Medium (Up to 1 metre per year).  
*Cryptomeria japonica* (Japanese cedar) can grow to 12 metres or more over 20-50 years (Royal Horticultural Society). Their anticipated 10-year height is 10 metres high (Leafland).
  -  **Knightsia excelsa** (rewarewa)  
Evergreen. New Zealand Native.  
Ultimate height 20 metres x spread 5 metres.  
Growth rate: Slow.  
The rewarewa tree provides nectar for bellbird, kākā, tūi, and wax-eye from September to December.
  -  **Prunus lusitanica** (Portuguese laurel)  
Evergreen.  
Ultimate height 12 metres x spread 8 metres.  
Growth rate: Medium, Rapid (Up to 45 centimeters per year).
- In built environments we expect trees to have a reduced ultimate size due to city street-side conditions.
- The proposed trees are located more than 10 metres away from the overhead wires.
-  Berm Planting
  -  Low-level native herb, sedge and shrub planting to 0.75 metres high.
  -  Lawn

### Set Out

All plant pits shall be setback 600mm minimum from the edge of all kerbs, nibs and footpaths.

**Reserve Tree Set Out**  
A CAD Drawing (DWG/DXF Format) will be provided to the Contractor for set out purposes.




REFER TO DRAWING BM191029\_512

REFER TO DRAWING BM191029\_514

#### NOTES

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FIGURED DIMENSIONS TO BE TAKEN IN PREFERENCE TO SCALED DIMENSIONS.

#### KEY

REFER TO DRAWING NUMBER BM191029\_130 KEY SHEET  
 STAGE 18

REV	DATE	DESCRIPTION
-	17.11.21	ISSUED FOR CONSTRUCTION
1	03.02.22	ISSUED FOR CONSTRUCTION
2	23.02.22	ISSUED FOR CONSTRUCTION
3	21.12.22	AS BUILT
4	18.01.23	AS BUILT
5	20.01.22	AS BUILT

CLIENT  
Chedworth Properties Ltd

CONSULTANTS  
S&L Consultants  
IBEX Lighting

**AS BUILT**

**GREENHILL PARK  
AREA KL&U  
STAGE 18**

PLANTING PLAN  
SHEET 01 OF 14

Design ARo  
Drawn ARo  
Check  
Appv'd

Scale  
1:200 @ A1  
1:400 @ A3

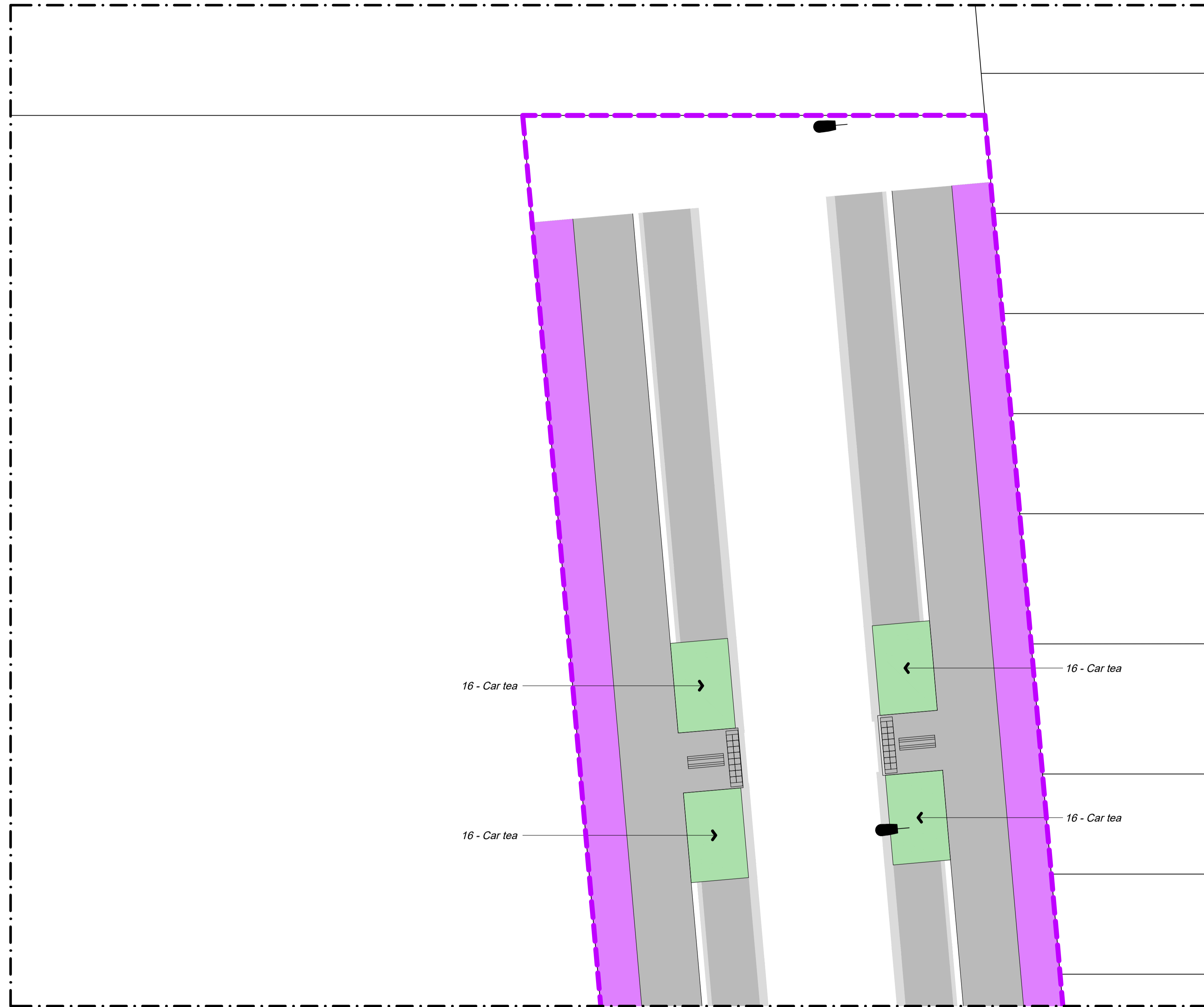
Date  
17.11.21

DRAWING NO. REVISION

BM191029\_503 **5**

**Key**

- Berm Planting
- Lawn



**Set Out**

All plant pits shall be setback 600mm minimum from the edge of all kerbs, nibs and footpaths.

**Reserve Tree Set Out**  
A CAD Drawing (DWG/DXF Format) will be provided to the Contractor for set out purposes.

REFER TO DRAWING BM191029\_505



**NOTES**

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FIGURED DIMENSIONS TO BE TAKEN IN PREFERENCE TO SCALED DIMENSIONS.

**KEY**

REFER TO DRAWING NUMBER BM191029\_130 KEY SHEET

STAGE 18

REV	DATE	DESCRIPTION
-	03.02.22	ISSUED FOR CONSTRUCTION
1	21.12.22	AS BUILT
2	18.01.23	AS BUILT
3	20.01.22	AS BUILT

CLIENT  
Chedworth Properties Ltd

CONSULTANTS  
S&L Consultants  
IBEX Lighting

**AS BUILT**

**GREENHILL PARK  
AREA KL&U  
STAGE 18**

PLANTING PLAN  
SHEET 02 OF 14

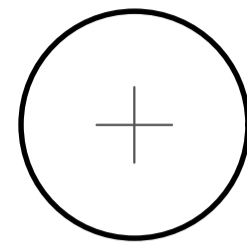


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Check		1:250 @ A3	
Appv'd			

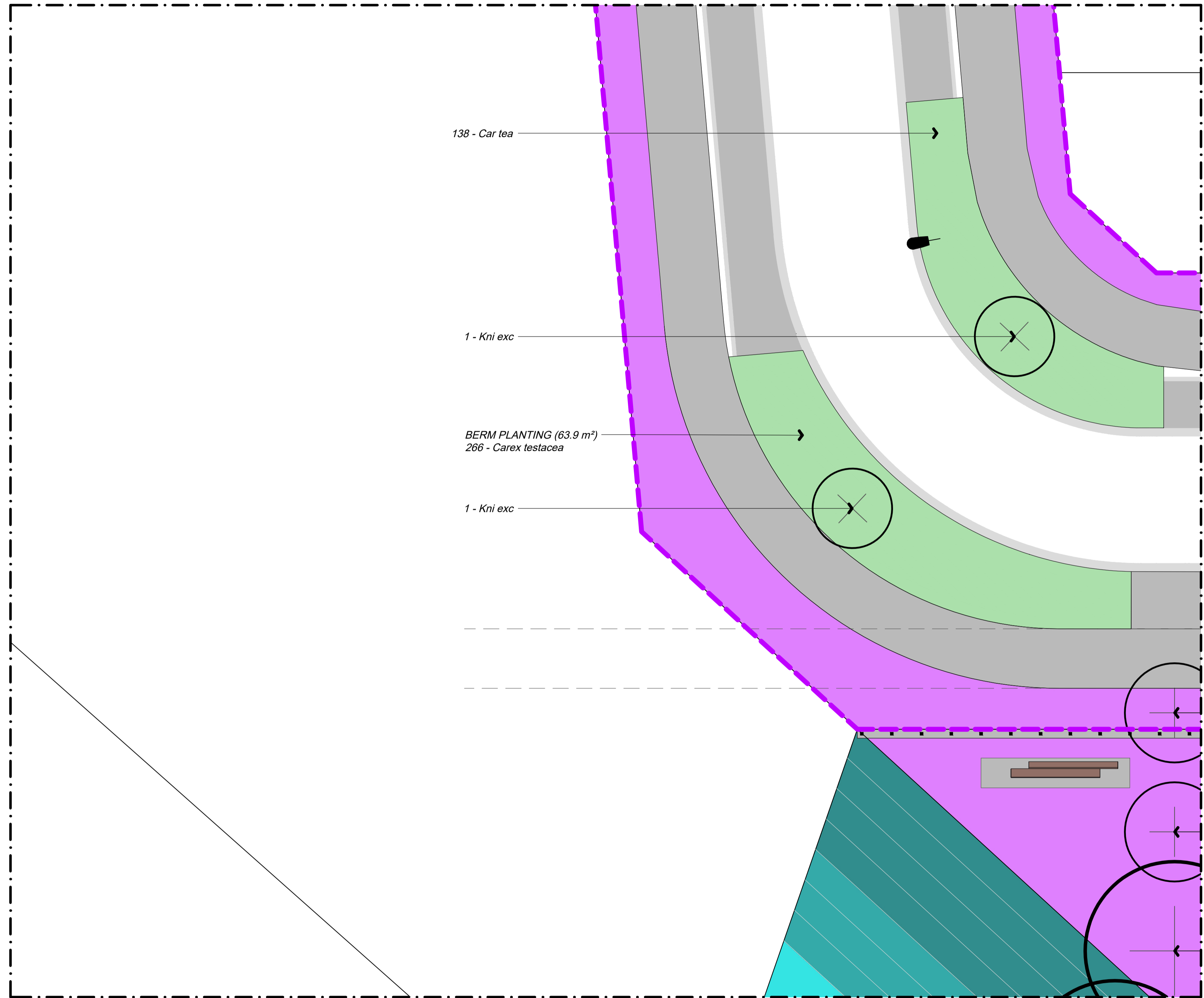
DRAWING NO. REVISION

BM191029\_504 3



Key

-  Tree
-  Berm Planting
-  Lawn



REFER TO DRAWING BM191029\_506

Set Out

All plant pits shall be setback 600mm minimum from the edge of all kerbs, nibs and footpaths.

**Reserve Tree Set Out**  
A CAD Drawing (DWG/DXF Format) will be provided to the Contractor for set out purposes.

NOTES


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KEY

REFER TO DRAWING NUMBER BM191029\_130 KEY SHEET

 STAGE 18

REV	DATE	DESCRIPTION
-	03.02.22	ISSUED FOR CONSTRUCTION
1	21.12.22	AS BUILT
2	18.01.23	AS BUILT
3	20.01.22	AS BUILT

CLIENT  
Chedworth Properties Ltd

CONSULTANTS  
S&L Consultants  
IBEX Lighting

**AS BUILT**

**GREENHILL PARK  
AREA KL&U  
STAGE 18**

PLANTING PLAN  
SHEET 03 OF 14

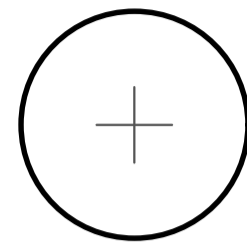


Design	ARo	Scale	Date
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Check		1:250 @ A3	
Appv'd			

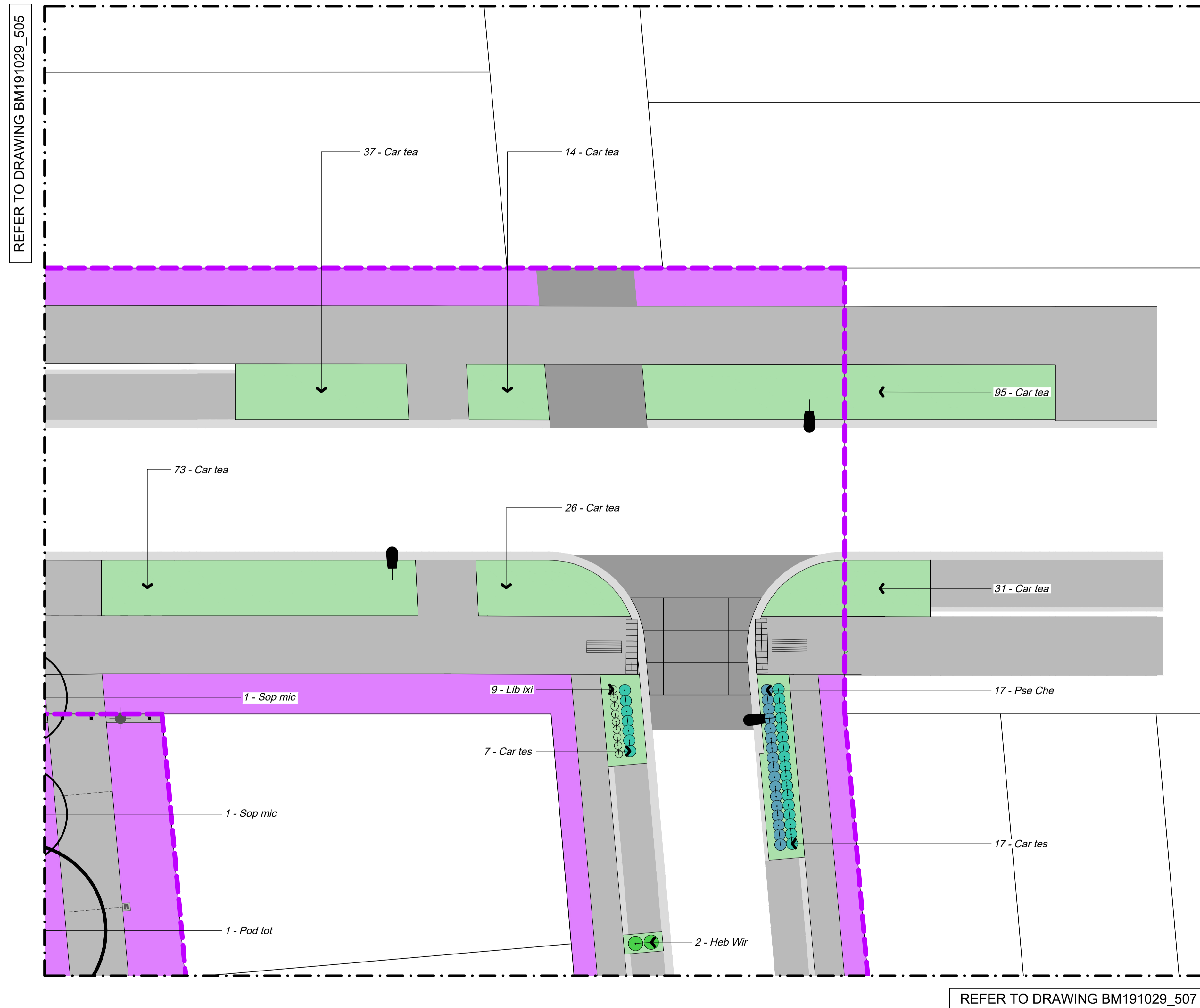
DRAWING NO. REVISION

BM191029\_505 **3**



Key

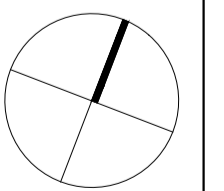
-  Tree
-  Berm Planting
-  Lawn



Set Out

All plant pits shall be setback 600mm minimum from the edge of all kerbs, nibs and footpaths.

**Reserve Tree Set Out**  
A CAD Drawing (DWG/DXF Format) will be provided to the Contractor for set out purposes.



NOTES

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FIGURED DIMENSIONS TO BE TAKEN IN PREFERENCE TO SCALED DIMENSIONS.

KEY

REFER TO DRAWING NUMBER BM191029\_130 KEY SHEET

 STAGE 18

REV	DATE	DESCRIPTION
-	03.02.22	ISSUED FOR CONSTRUCTION
1	21.12.22	AS BUILT
2	18.01.23	AS BUILT
3	20.01.22	AS BUILT

CLIENT  
Chedworth Properties Ltd

CONSULTANTS  
S&L Consultants  
IBEX Lighting

AS BUILT

**GREENHILL PARK  
AREA KL&U  
STAGE 18**

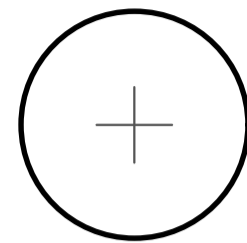


PLANTING PLAN  
SHEET 04 OF 14

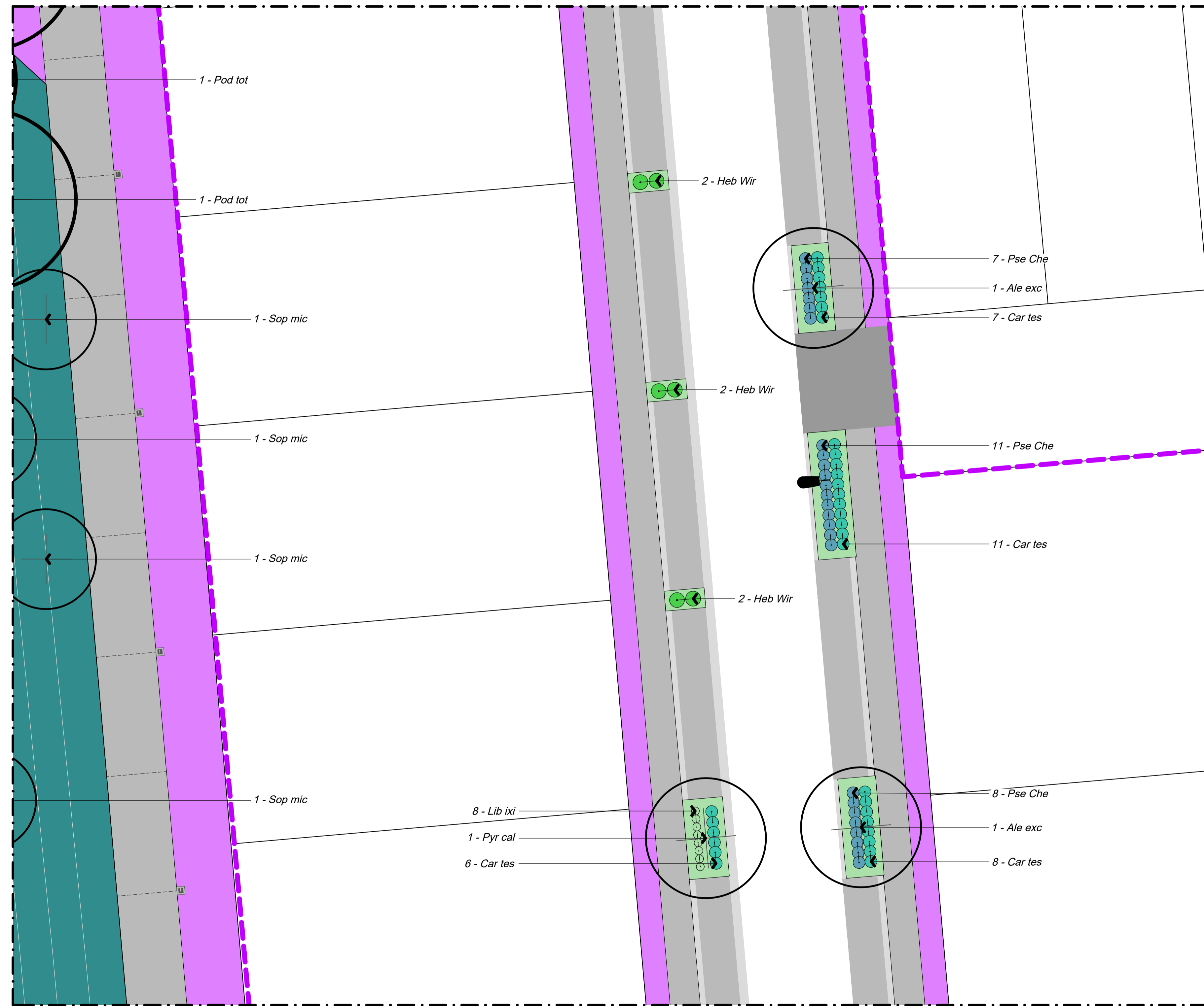
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DRAWING NO. REVISION

BM191029\_506 3

Key

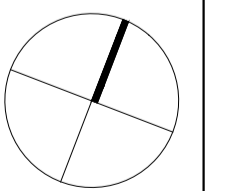
-  Tree
-  Berm Planting
-  Lawn



Set Out

All plant pits shall be setback 600mm minimum from the edge of all kerbs, nibs and footpaths.

**Reserve Tree Set Out**  
A CAD Drawing (DWG/DXF Format) will be provided to the Contractor for set out purposes.



NOTES


CONTRACTORS TO VERIFY ALL DIMENSIONS ON SITE PRIOR TO COMMENCING WORK;

CONTRACTORS ARE RESPONSIBLE FOR CONFIRMING THE LOCATION OF ALL UNDERGROUND SERVICES ON SITE PRIOR TO COMMENCING WORK;

FIGURED DIMENSIONS TO BE TAKEN IN PREFERENCE TO SCALED DIMENSIONS.

KEY

REFER TO DRAWING NUMBER BM191029\_130 KEY SHEET

 STAGE 18

REV	DATE	DESCRIPTION
-	03.02.22	ISSUED FOR CONSTRUCTION
1	21.12.22	AS BUILT
2	18.01.23	AS BUILT
3	20.01.22	AS BUILT

CLIENT  
Chedworth Properties Ltd

CONSULTANTS  
S&L Consultants  
IBEX Lighting

**AS BUILT**

**GREENHILL PARK  
AREA KL&U  
STAGE 18**

PLANTING PLAN  
SHEET 05 OF 14

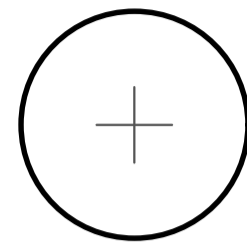


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Appv'd			

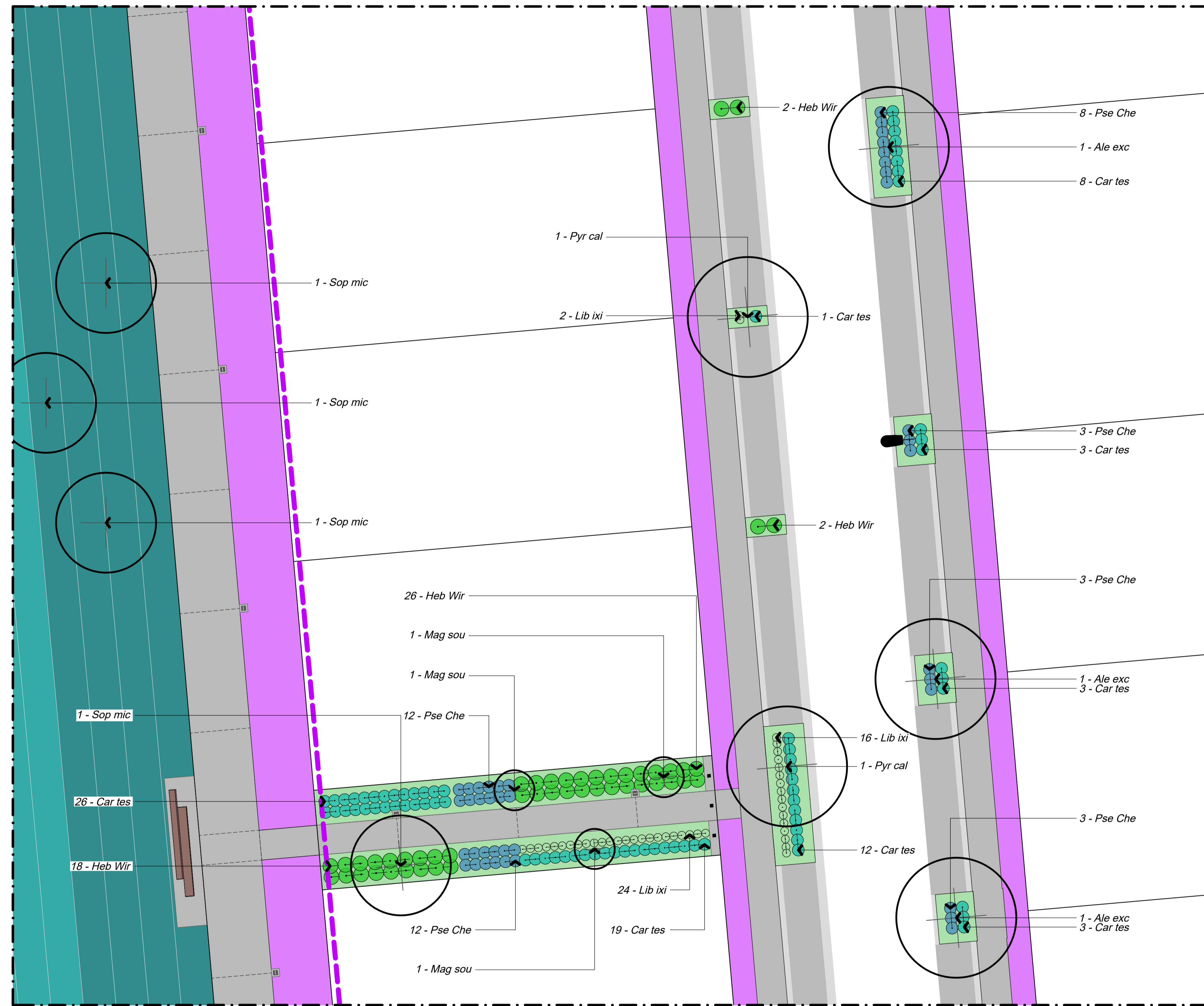
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BM191029\_507 **3**



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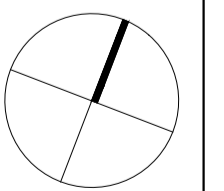
-  Tree
-  Berm Planting
-  Lawn



Set Out

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KEY

REFER TO DRAWING NUMBER BM191029\_130 KEY SHEET

 STAGE 18

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1	23.02.22	ISSUED FOR CONSTRUCTION
2	12.07.22	ISSUED FOR CONSTRUCTION
3	21.12.22	AS BUILT
4	18.01.23	AS BUILT
5	20.01.22	AS BUILT

CLIENT  
Chedworth Properties Ltd

CONSULTANTS  
S&L Consultants  
IBEX Lighting

**AS BUILT**

**GREENHILL PARK  
AREA KL&U  
STAGE 18**

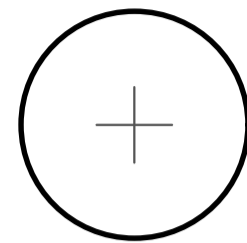


PLANTING PLAN  
SHEET 06 OF 14

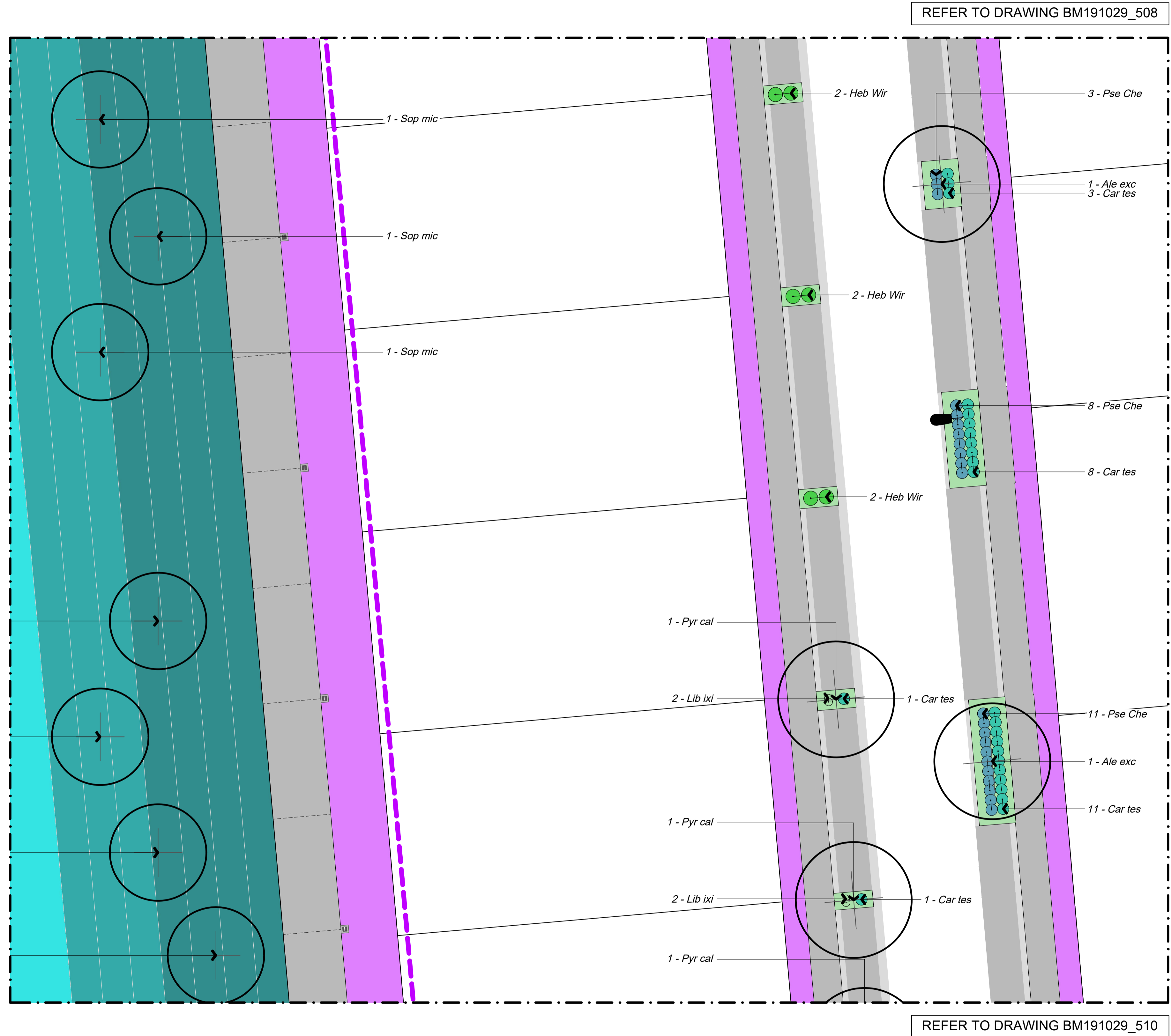
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DRAWING NO. REVISION

BM191029\_508 **5**

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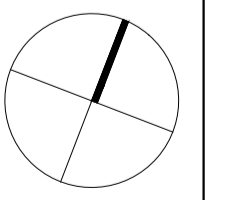
-  Tree
-  Berm Planting
-  Lawn



Set Out

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KEY

REFER TO DRAWING NUMBER BM191029\_130 KEY SHEET

 STAGE 18

REV	DATE	DESCRIPTION
-	03.02.22	ISSUED FOR CONSTRUCTION
1	21.12.22	AS BUILT
2	18.01.23	AS BUILT
3	20.01.22	AS BUILT

CLIENT  
Chedworth Properties Ltd

CONSULTANTS  
S&L Consultants  
IBEX Lighting

AS BUILT

**GREENHILL PARK  
AREA KL&U  
STAGE 18**

PLANTING PLAN  
SHEET 07 OF 14

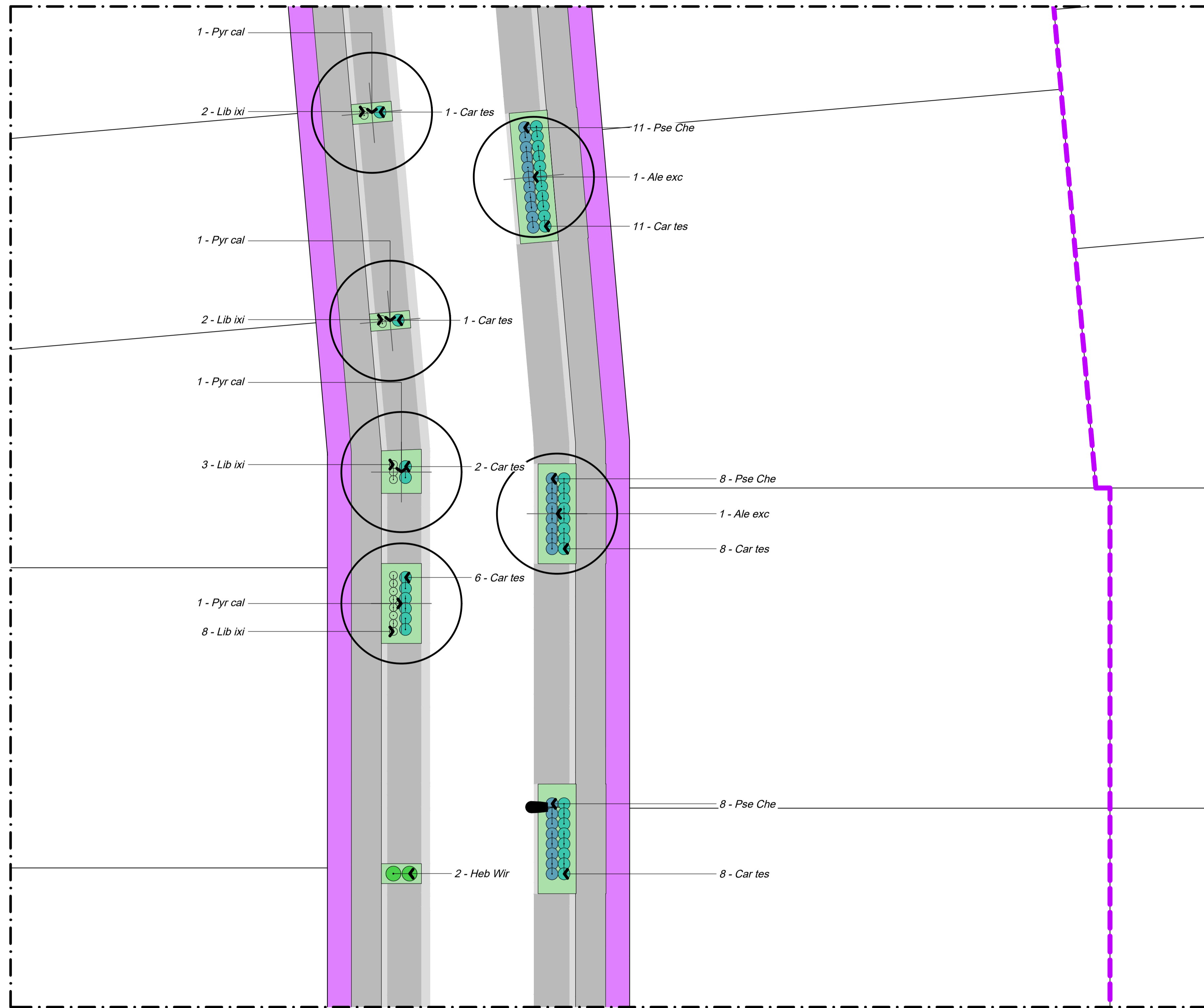
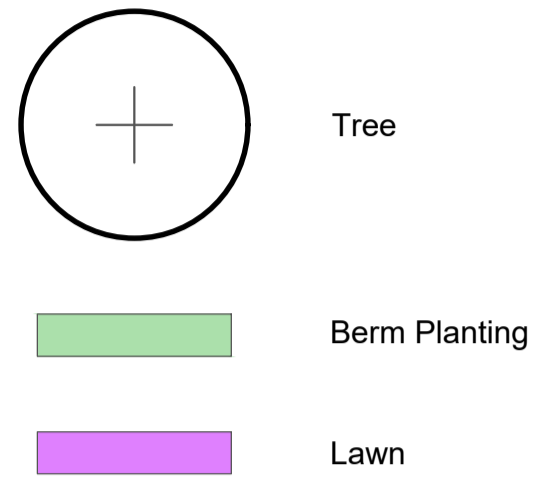
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DRAWING NO. REVISION

BM191029\_509 3

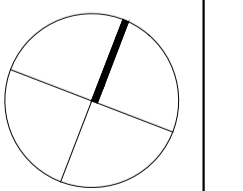


Key



Set Out

All plant pits shall be setback 600mm minimum from the edge of all kerbs, nibs and footpaths.  
**Reserve Tree Set Out**  
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NOTES

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 CONTRACTORS ARE RESPONSIBLE FOR CONFIRMING THE LOCATION OF ALL UNDERGROUND SERVICES ON SITE PRIOR TO COMMENCING WORK;  
 FIGURED DIMENSIONS TO BE TAKEN IN PREFERENCE TO SCALED DIMENSIONS.

KEY

REFER TO DRAWING NUMBER BM191029\_130 KEY SHEET  
 STAGE 18

REV	DATE	DESCRIPTION
-	03.02.22	ISSUED FOR CONSTRUCTION
1	21.12.22	AS BUILT
2	18.01.23	AS BUILT
3	20.01.22	AS BUILT

CLIENT  
 Chedworth Properties Ltd

CONSULTANTS  
 S&L Consultants  
 IBEX Lighting

**AS BUILT**

**GREENHILL PARK  
 AREA KL&U  
 STAGE 18**

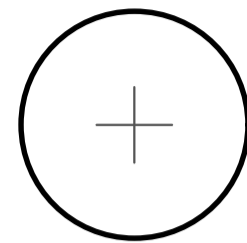


PLANTING PLAN  
 SHEET 08 OF 14

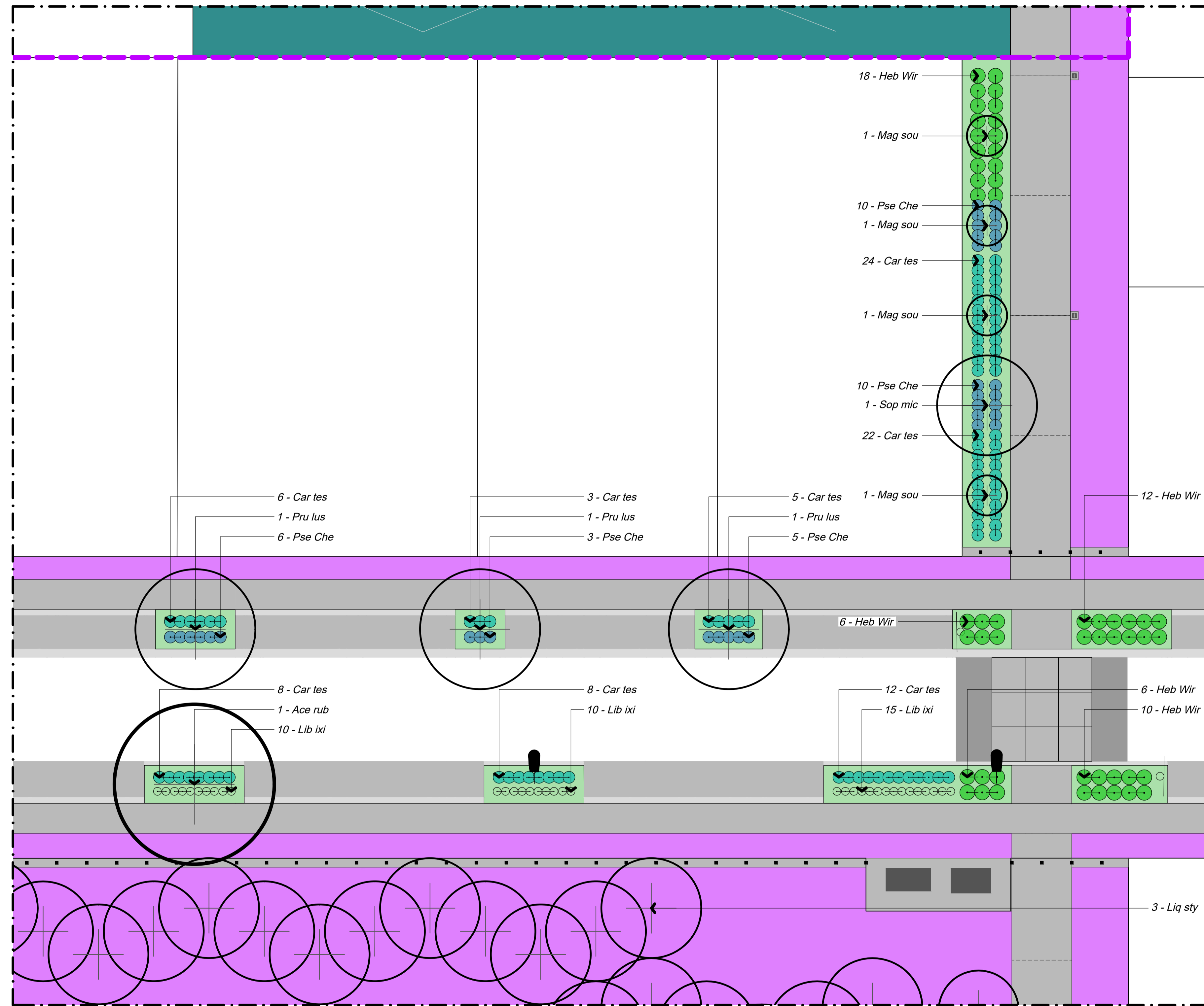
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Check		1:250 @ A3	
Appv'd			

DRAWING NO. REVISION

BM191029\_510 **3**

Key

-  Tree
-  Berm Planting
-  Lawn



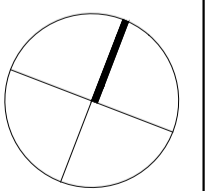
REFER TO DRAWING BM191029\_512

REFER TO DRAWING BM191029\_503

Set Out

All plant pits shall be setback 600mm minimum from the edge of all kerbs, nibs and footpaths.

**Reserve Tree Set Out**  
A CAD Drawing (DWG/DXF Format) will be provided to the Contractor for set out purposes.



NOTES

CONTRACTORS TO VERIFY ALL DIMENSIONS ON SITE PRIOR TO COMMENCING WORK;

CONTRACTORS ARE RESPONSIBLE FOR CONFIRMING THE LOCATION OF ALL UNDERGROUND SERVICES ON SITE PRIOR TO COMMENCING WORK;

FIGURED DIMENSIONS TO BE TAKEN IN PREFERENCE TO SCALED DIMENSIONS.

KEY

REFER TO DRAWING NUMBER BM191029\_130 KEY SHEET

 STAGE 18

REV	DATE	DESCRIPTION
-	03.02.22	ISSUED FOR CONSTRUCTION
1	23.02.22	ISSUED FOR CONSTRUCTION
2	21.12.22	AS BUILT
3	18.01.23	AS BUILT
4	20.01.22	AS BUILT

CLIENT  
Chedworth Properties Ltd

CONSULTANTS  
S&L Consultants  
IBEX Lighting

AS BUILT

**GREENHILL PARK  
AREA KL&U  
STAGE 18**

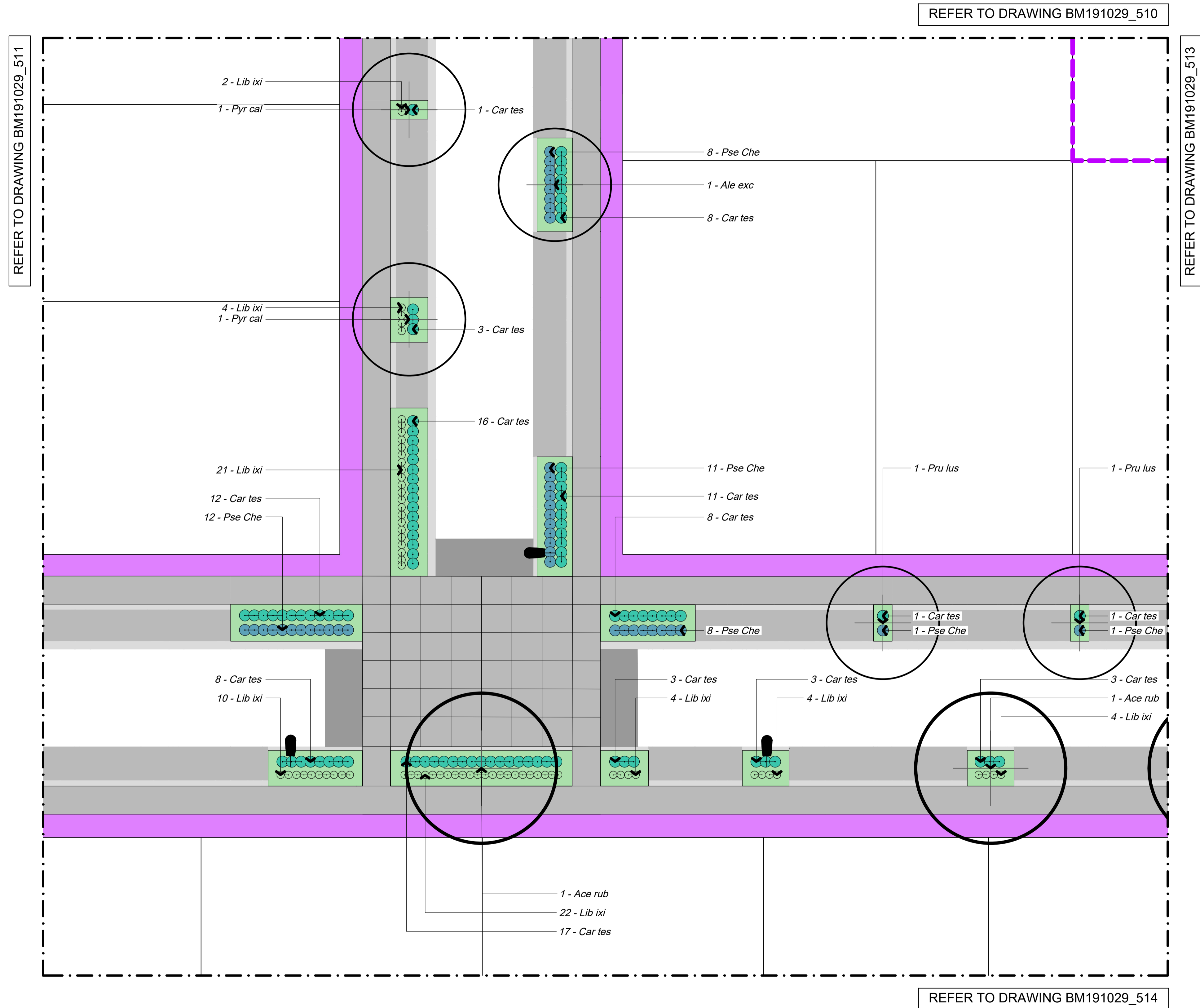
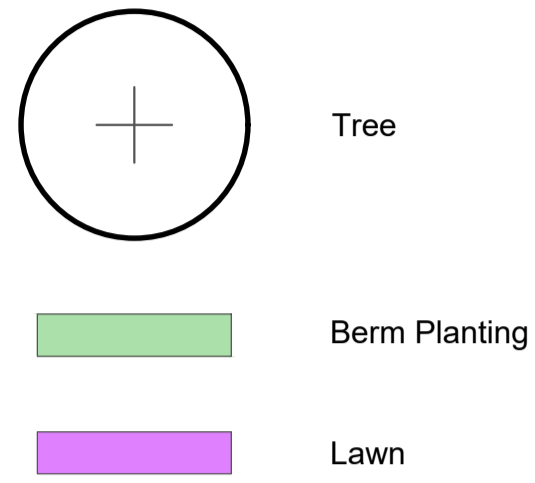
PLANTING PLAN  
SHEET 09 OF 14

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DRAWING NO. REVISION

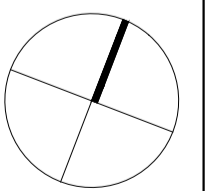
BM191029\_511 4

Key



Set Out

All plant pits shall be setback 600mm minimum from the edge of all kerbs, nibs and footpaths.  
**Reserve Tree Set Out**  
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NOTES

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KEY

REFER TO DRAWING NUMBER BM191029\_130 KEY SHEET  
 STAGE 18

REV	DATE	DESCRIPTION
-	03.02.22	ISSUED FOR CONSTRUCTION
1	21.12.22	AS BUILT
2	18.01.23	AS BUILT
3	20.01.22	AS BUILT

CLIENT  
 Chedworth Properties Ltd

CONSULTANTS  
 S&L Consultants  
 IBEX Lighting

AS BUILT

GREENHILL PARK  
 AREA KL&U  
 STAGE 18

PLANTING PLAN  
 SHEET 10 OF 14

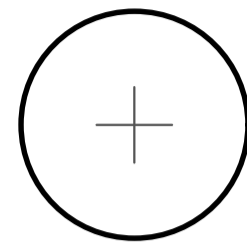


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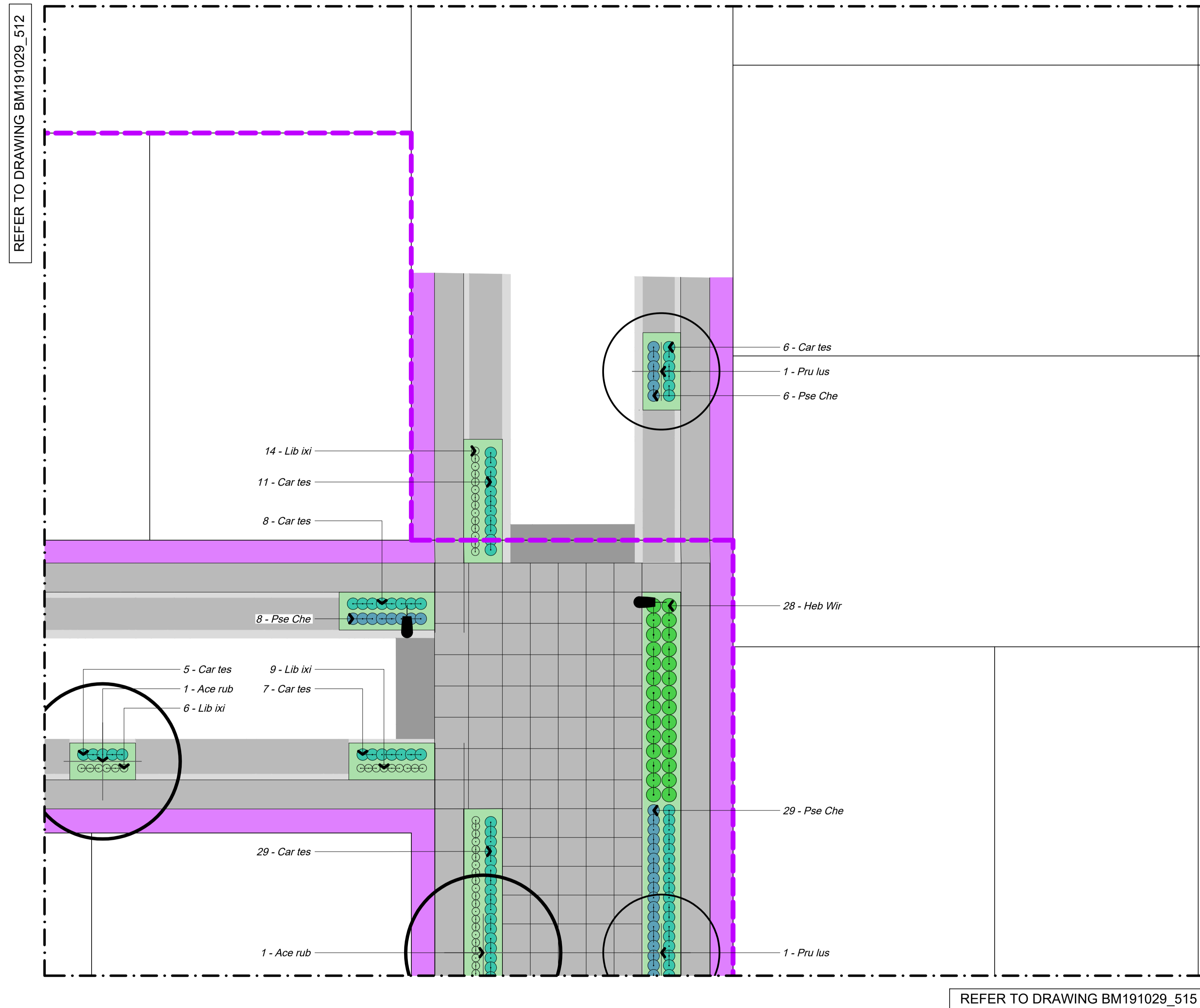
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BM191029\_512 3



Key

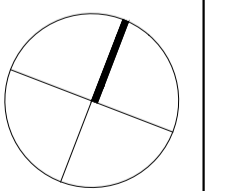
-  Tree
-  Berm Planting
-  Lawn



Set Out

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REFER TO DRAWING NUMBER BM191029\_130 KEY SHEET

 STAGE 18

REV	DATE	DESCRIPTION
-	03.02.22	ISSUED FOR CONSTRUCTION
1	21.12.22	AS BUILT
2	18.01.23	AS BUILT
3	20.01.22	AS BUILT

CLIENT  
Chedworth Properties Ltd

CONSULTANTS  
S&L Consultants  
IBEX Lighting

**AS BUILT**

**GREENHILL PARK  
AREA KL&U  
STAGE 18**

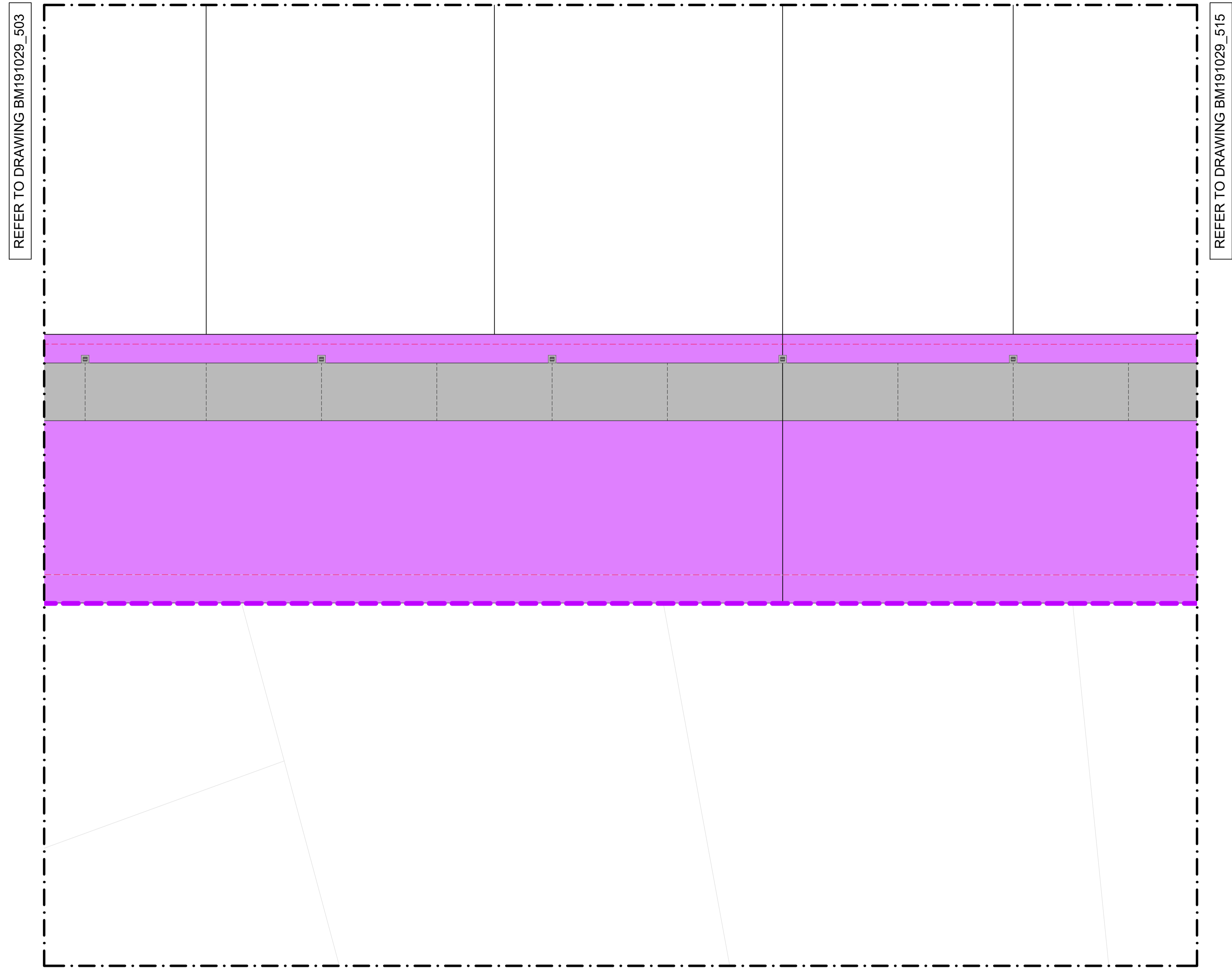
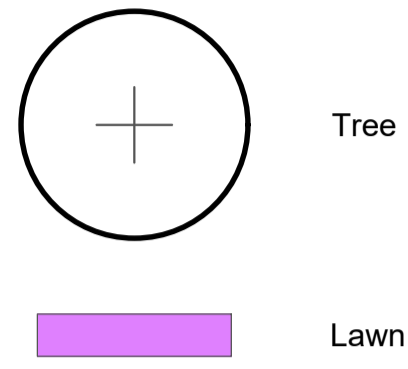
PLANTING PLAN  
SHEET 11 OF 14

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DRAWING NO. REVISION

BM191029\_513 **3**

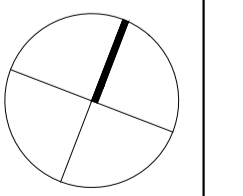
Key



Set Out

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KEY

REFER TO DRAWING NUMBER BM191029\_130 KEY SHEET

STAGE 18

REV	DATE	DESCRIPTION
-	03.02.22	ISSUED FOR CONSTRUCTION
1	21.12.22	AS BUILT
2	18.01.23	AS BUILT
3	20.01.22	AS BUILT

CLIENT  
Chedworth Properties Ltd

CONSULTANTS  
S&L Consultants  
IBEX Lighting

**AS BUILT**

**GREENHILL PARK  
AREA KL&U  
STAGE 18**

PLANTING PLAN  
SHEET 12 OF 14

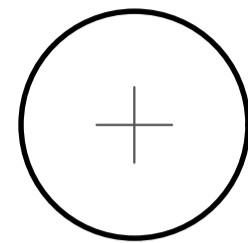


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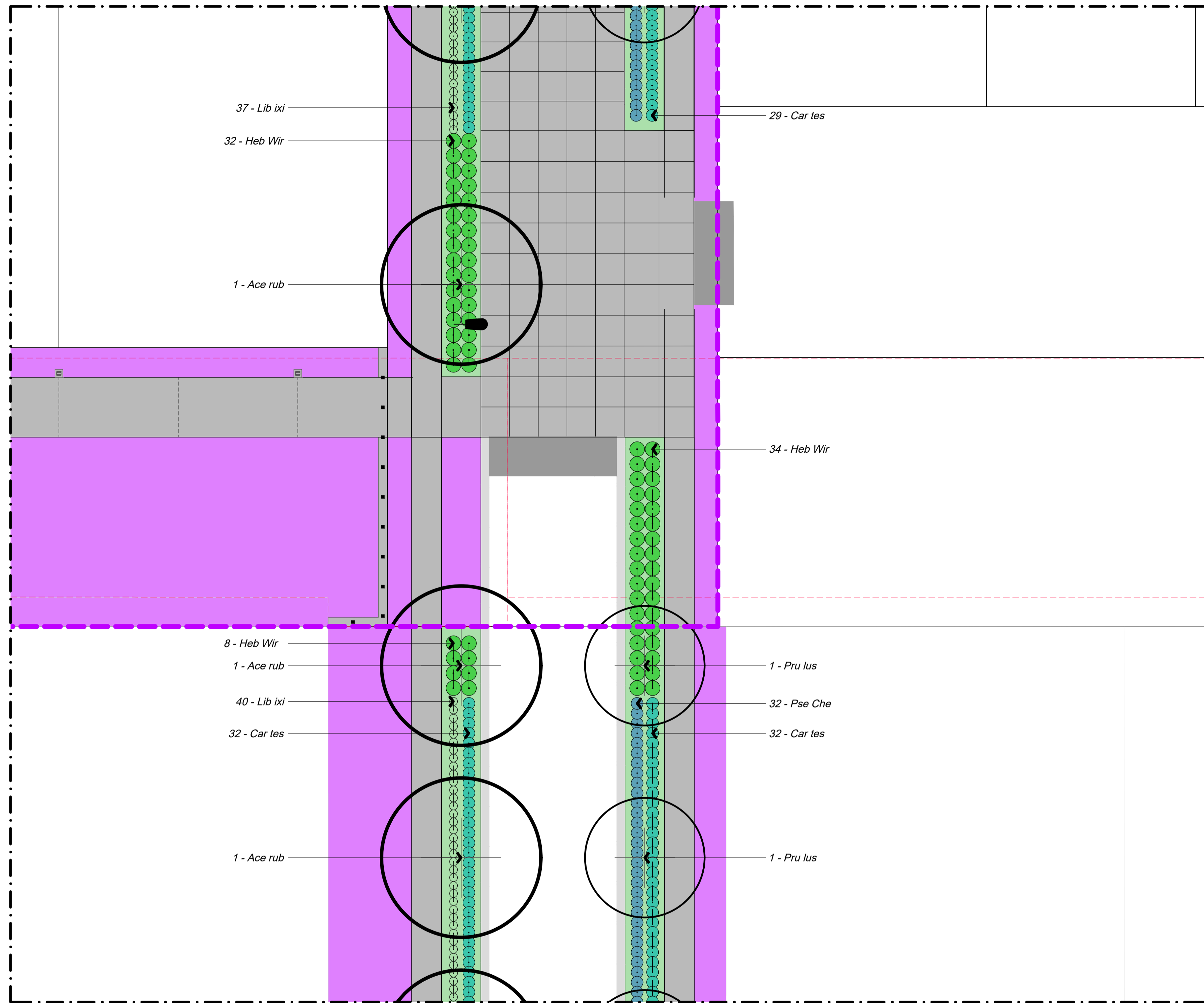
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REFER TO DRAWING BM191029\_513

Key

-  Tree
-  Berm Planting
-  Lawn

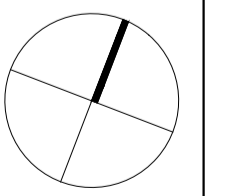
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REFER TO DRAWING BM191029\_516

Set Out


All plant pits shall be setback 600mm minimum from the edge of all kerbs, nibs and footpaths.  
**Reserve Tree Set Out**  
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REFER TO DRAWING NUMBER BM191029\_130 KEY SHEET  
 STAGE 18

REV	DATE	DESCRIPTION
-	03.02.22	ISSUED FOR CONSTRUCTION
1	23.02.22	ISSUED FOR CONSTRUCTION
2	21.12.22	AS BUILT
3	18.01.23	AS BUILT
4	20.01.22	AS BUILT

CLIENT  
 Chedworth Properties Ltd

CONSULTANTS  
 S&L Consultants  
 IBEX Lighting

**AS BUILT**

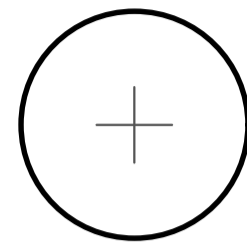


**GREENHILL PARK  
 AREA KL&U  
 STAGE 18  
 PLANTING PLAN  
 SHEET 13 OF 14**

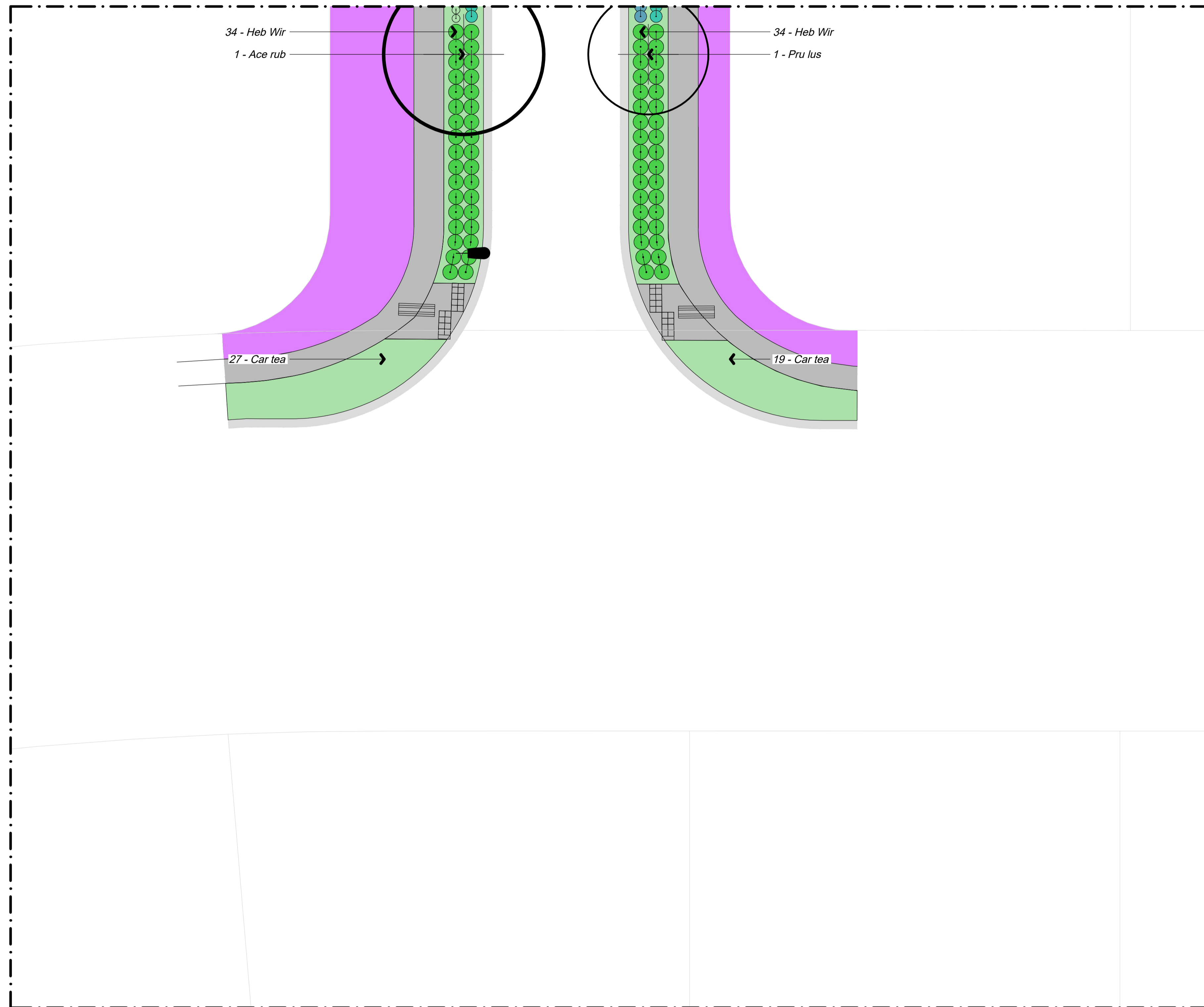
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 Check Appv'd  
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DRAWING NO. BM191029\_515  
 REVISION **4**

REFER TO DRAWING BM191029\_515

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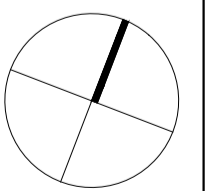
-  Tree
-  Berm Planting
-  Lawn



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 STAGE 18

REV	DATE	DESCRIPTION
-	03.02.22	ISSUED FOR CONSTRUCTION
1	21.12.22	AS BUILT
2	18.01.23	AS BUILT
3	20.01.22	AS BUILT

CLIENT  
Chedworth Properties Ltd

CONSULTANTS  
S&L Consultants  
IBEX Lighting

AS BUILT

**GREENHILL PARK**  
**AREA KL&U**  
**STAGE 18**

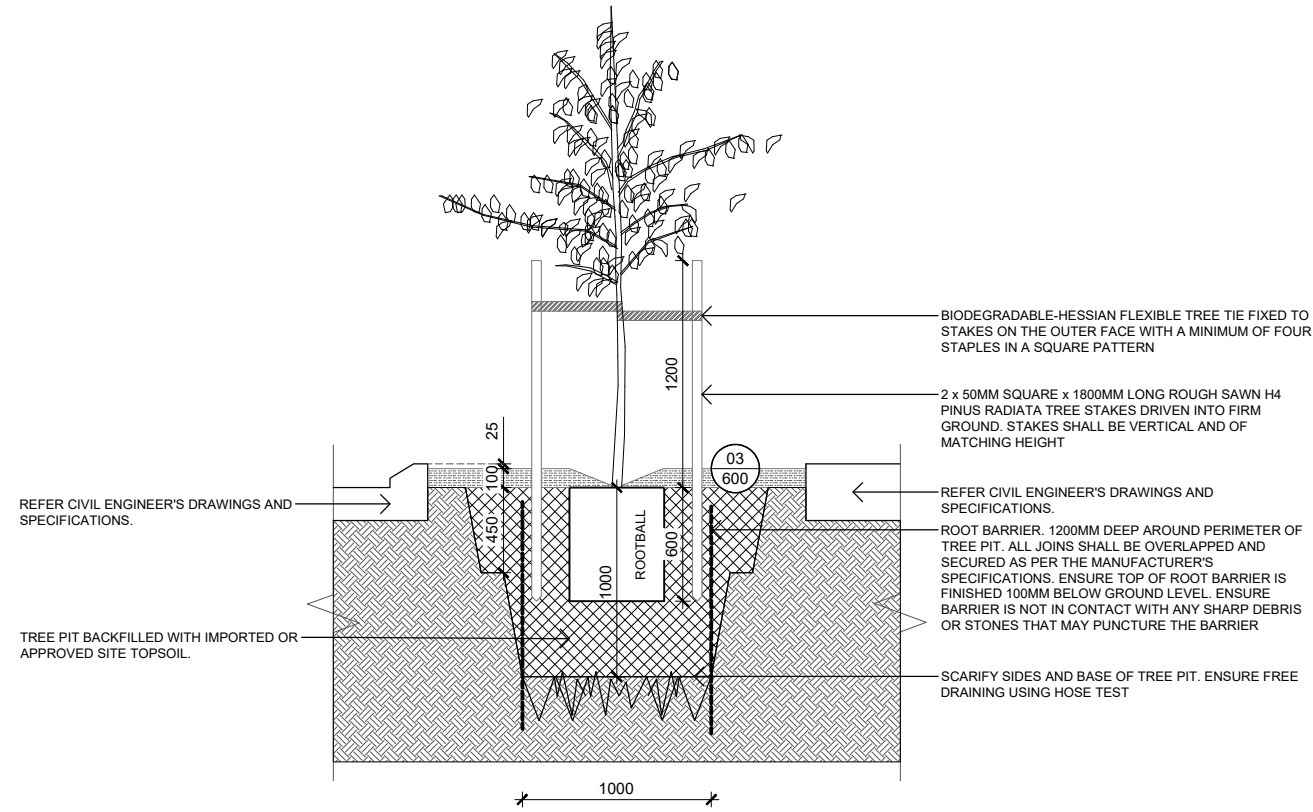
PLANTING PLAN  
SHEET 14 OF 14

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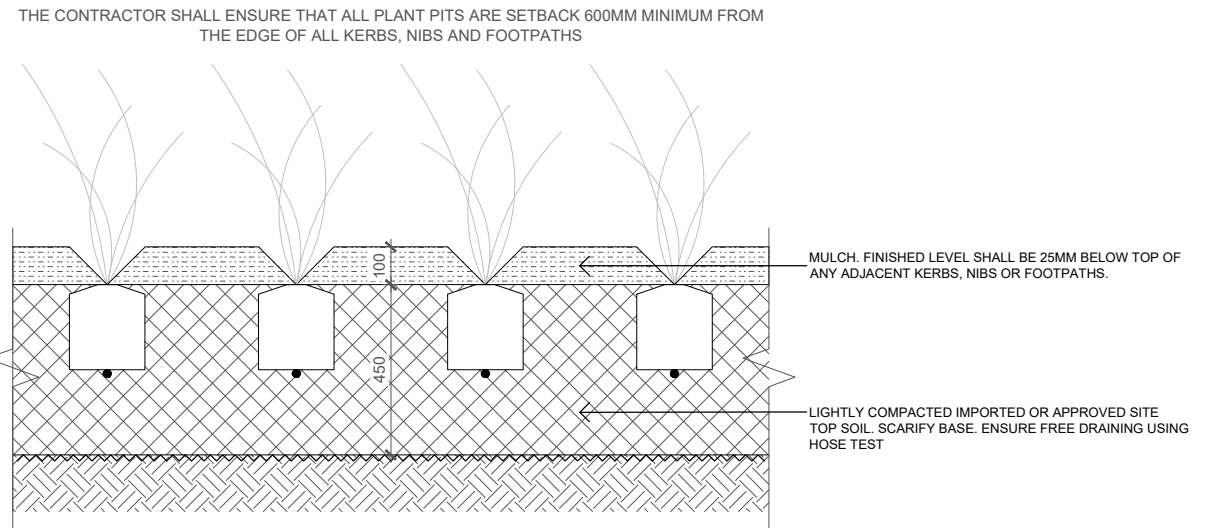
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BM191029\_516 3

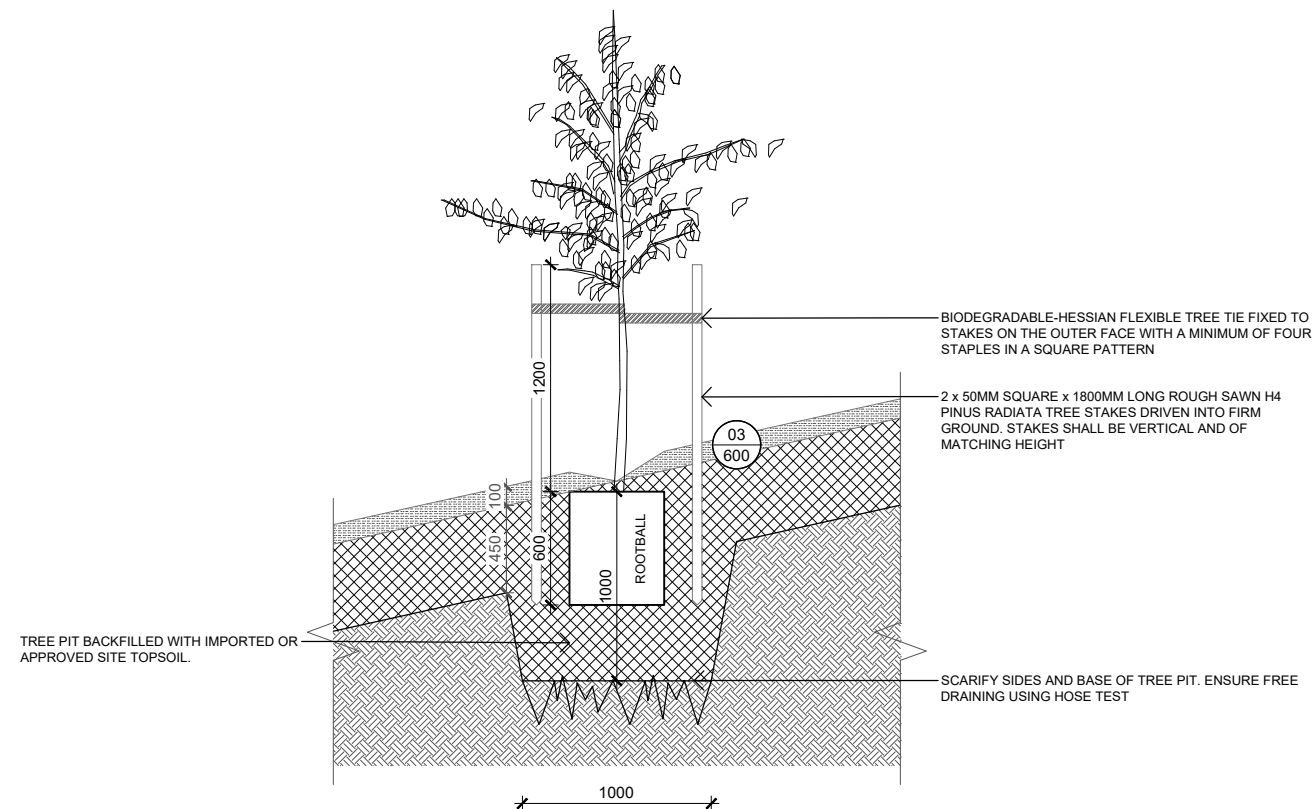




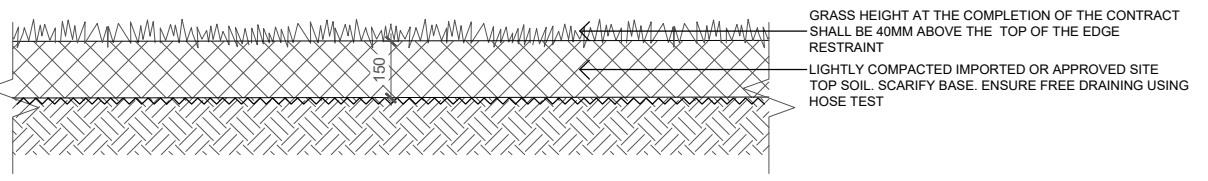
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**03** DETAIL V01 PLANTING  
Scale: 1:10 @ A1 1:20 @ A3



**02** DETAIL T02 RESERVE TREE PIT  
Scale: 1:20 @ A1 1:40 @ A3



**04** DETAIL V02 GRASS  
Scale: 1:10 @ A1 1:20 @ A3

**NOTES**

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**KEY**

REFER TO DRAWING NUMBER BM191029\_130 KEY SHEET

REV	DATE	DESCRIPTION
-	17.11.21	ISSUED FOR CONSTRUCTION
1	21.12.22	AS BUILT
2	18.01.23	AS BUILT
3	20.01.22	AS BUILT

CLIENT **Chedworth Properties**

CONSULTANTS  
S&L Consultants  
IBEX Lighting

**AS BUILT**

**GREENHILL PARK AREAS KL&U**

DETAILS  
SHEET 01 OF 01

Design	ARo	Scale	Date
Drawn	ARo	As Shown	17.11.21
Check			
App'd			

DRAWING NO.	REVISION
BM191029_600	3



# Greenhill Park Area KL&U

## STAGE 18

### Reserve - Recreation and Stormwater

PROJECT NUMBER: **BM191029** AS BUILT

PROJECT ADDRESS: Carrs Road  
Chartwell  
Hamilton 3210

CLIENT: **Chedworth Properties Limited**

CLIENT ADDRESS: H.G Webb House  
1110 Victoria Street  
(Corner of Victoria Street and Boundary Road)  
Hamilton 3200

CONSULTANTS: **S&L Consultants**  
**IBEX Lighting**



Boffa Miskell Limited  
Level 3, SouthBloc  
140 Anglesea Street  
Hamilton 3240  
New Zealand  
Tel: +64 7 960 0006  
www.boffamiskell.co.nz

REV	DATE	DESCRIPTION
-	17.11.21	ISSUED FOR CONSTRUCTION
1	29.02.22	ISSUED FOR CONSTRUCTION
2	17.03.22	ISSUED FOR CONSTRUCTION
3	02.09.22	ISSUED FOR CONSTRUCTION
4	20.01.23	AS BUILT

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- 204 Shared Path Bollard Lighting Set Out Sheet 03
- 205 Shared Path Bollard Lighting Set Out Sheet 04
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- 502 Planting Plan Sheet Locations
- 511 Planting Plan Sheet 09
- 512 Planting Plan Sheet 10
- 513 Planting Plan Sheet 11
- 514 Planting Plan Sheet 12
- 515 Planting Plan Sheet 13



## GENERAL NOTES

All drawings shall be read in conjunction with the Landscape Specifications and other Consultant's Drawings and Specifications.

The Contractor is responsible for confirming the location of all underground services on site prior to commencing work.

Drawings shall not be scaled. Use dimensioned measurements only.

The Contractor shall verify all dimensions on site prior to commencing work.

### ELECTRONIC DISCLAIMER

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## KEY NOTES

### PAVING

THE FOLLOWING NOTES RELATE TO THE AESTHETIC QUALITIES AND FINISH OF THE MATERIAL ONLY. REFER CIVIL ENGINEERING DRAWINGS AND SPECIFICATIONS FOR ALL OTHER INFORMATION.

- P01** PAVING TYPE 1  
Dark-grey insitu concrete paving with a soft-bristled broom finish.  
SPECIFICATION SECTION: 3124

### JOINTS

REFER CIVIL ENGINEERING DRAWINGS AND SPECIFICATIONS FOR ALL CONSTRUCTION JOINTS, EXPANSION JOINTS, CONTROL JOINTS AND DECORATIVE SAW CUTS.

### EDGING

THE FOLLOWING NOTES RELATE TO THE AESTHETIC QUALITIES AND FINISH OF THE MATERIAL ONLY. REFER CIVIL ENGINEERING DRAWINGS AND SPECIFICATIONS FOR ALL OTHER INFORMATION.

- E01** INSITU CONCRETE MOWING STRIP  
150mm wide dark-grey insitu concrete mowing strip with a soft-bristled broom finish.  
SPECIFICATION SECTION: 8410

- E02** INSITU CONCRETE MOWING STRIP  
200mm wide dark-grey insitu concrete mowing strip with a soft-bristled broom finish.  
SPECIFICATION SECTION: 8410

- E03** INSITU CONCRETE MOWING STRIP  
450mm wide dark-grey insitu concrete mowing strip with a soft-bristled broom finish.  
SPECIFICATION SECTION: 8410

- E04** INSITU CONCRETE MOWING STRIP  
1.5m wide dark-grey insitu concrete mowing strip with a soft-bristled broom finish.  
SPECIFICATION SECTION: 8410

### KERBS

REFER CIVIL ENGINEERING DRAWINGS AND SPECIFICATIONS FOR ALL KERBS.

### DRAINAGE

REFER CIVIL ENGINEERING DRAWINGS AND SPECIFICATIONS FOR ALL DRAINAGE.

### LIGHTING

THE FOLLOWING NOTES RELATE TO THE AESTHETIC QUALITIES AND FINISH OF THE MATERIAL ONLY. REFER SERVICES AND CIVIL ENGINEERING DRAWINGS AND SPECIFICATIONS FOR ALL OTHER INFORMATION.

- L01** SHARED PATH BOLLARD LIGHTING  
CODE: we-ef PSY414 LED 114-9401  
DIMENSIONS: H 800mm W 180mm D 190/100mm  
LIGHT SOURCE: 2700K or Wildlife Sensitive PC Amber LED  
INGRESS PROTECTION: IP66/IP67  
IMPACT PROTECTION: IK10  
MATERIAL: Marine-grade, all-aluminium construction. Pole section with galvanised steel reinforcement core.  
COLOUR: RAL9004 Signal black.  
WARRANTY: 10-year warranty.  
SPACING ALONG SHARED PATH: 12 metre centres (typical) as detailed.  
REFER DETAIL: 1/202  
SPECIFICATION: Install in accordance with the Manufacturer's instructions.

### FURNITURE

- F01** SEAT  
Santa & Cole Trapecio Seat.  
SPECIFICATION SECTION: 8461

- F02** LITTER BIN  
Milford Bin.  
SPECIFICATION SECTION: 8461

- F03** BOLLARD  
Timber bollard with black stain finish.  
SPECIFICATION SECTION: 8461

- F04** REMOVABLE LOCKABLE BOLLARD  
Removable-lockable timber bollard with black stain finish.  
SPECIFICATION SECTION: 8461

### VEGETATION

- V01** PLANTING  
Herbs, sedges and shrubs with mulch.  
REFER DETAIL: 3/600  
SPECIFICATION SECTION: 8310, 8321, 8332

- V02** GRASS  
Seeded grass area.  
REFER DETAIL: 4/600  
SPECIFICATION SECTION: 8333

### TREES

- T01** STREET TREE PIT  
REFER DETAIL: 1/600  
SPECIFICATION SECTION: 8310, 8321, 8332

- T02** RESERVE TREE PIT  
A CAD Drawing (DWG/DXF Format) will be provided to the Contractor for set out purposes.  
REFER DETAIL: 2/600  
SPECIFICATION SECTION: 8310, 8321, 8332

### NOTES

CONTRACTORS TO VERIFY ALL DIMENSIONS ON SITE PRIOR TO COMMENCING WORK;

CONTRACTORS ARE RESPONSIBLE FOR CONFIRMING THE LOCATION OF ALL UNDERGROUND SERVICES ON SITE PRIOR TO COMMENCING WORK;

FIGURED DIMENSIONS TO BE TAKEN IN PREFERENCE TO SCALED DIMENSIONS.

### KEY

REV	DATE	DESCRIPTION
-	17.11.21	ISSUED FOR CONSTRUCTION
1	20.01.23	AS BUILT

CLIENT  
Chedworth Properties Ltd

CONSULTANTS  
S&L Consultants  
IBEX Lighting

AS BUILT

GREENHILL PARK  
AREA KL&U  
STAGE 18

KEY SHEET

Design Drawn Check Appv'd	ARo ARo	Scale Not to Scale	Date 17.11.21
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DRAWING NO.	REVISION
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BM191029\_130

-





**NOTES**

CONTRACTORS TO VERIFY ALL DIMENSIONS ON SITE PRIOR TO COMMENCING WORK;

CONTRACTORS ARE RESPONSIBLE FOR CONFIRMING THE LOCATION OF ALL UNDERGROUND SERVICES ON SITE PRIOR TO COMMENCING WORK;

FIGURED DIMENSIONS TO BE TAKEN IN PREFERENCE TO SCALED DIMENSIONS.

**KEY**

REFER TO DRAWING NUMBER BM191029\_130 KEY SHEET

STAGE 18

REV	DATE	DESCRIPTION
-	17.11.21	ISSUED FOR CONSTRUCTION
1	09.02.22	ANNOTATION ADDED FOR PARK NUMBER 15
2	17.03.22	PATHWAY BOLLARD LIGHTING REMOVED FROM RESERVE 305
3	20.01.23	AS BUILT

CLIENT  
Chedworth Properties Ltd

CONSULTANTS  
S&L Consultants  
IBEX Lighting

**AS BUILT**

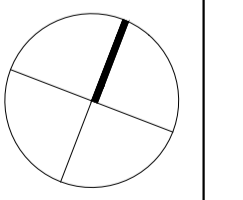
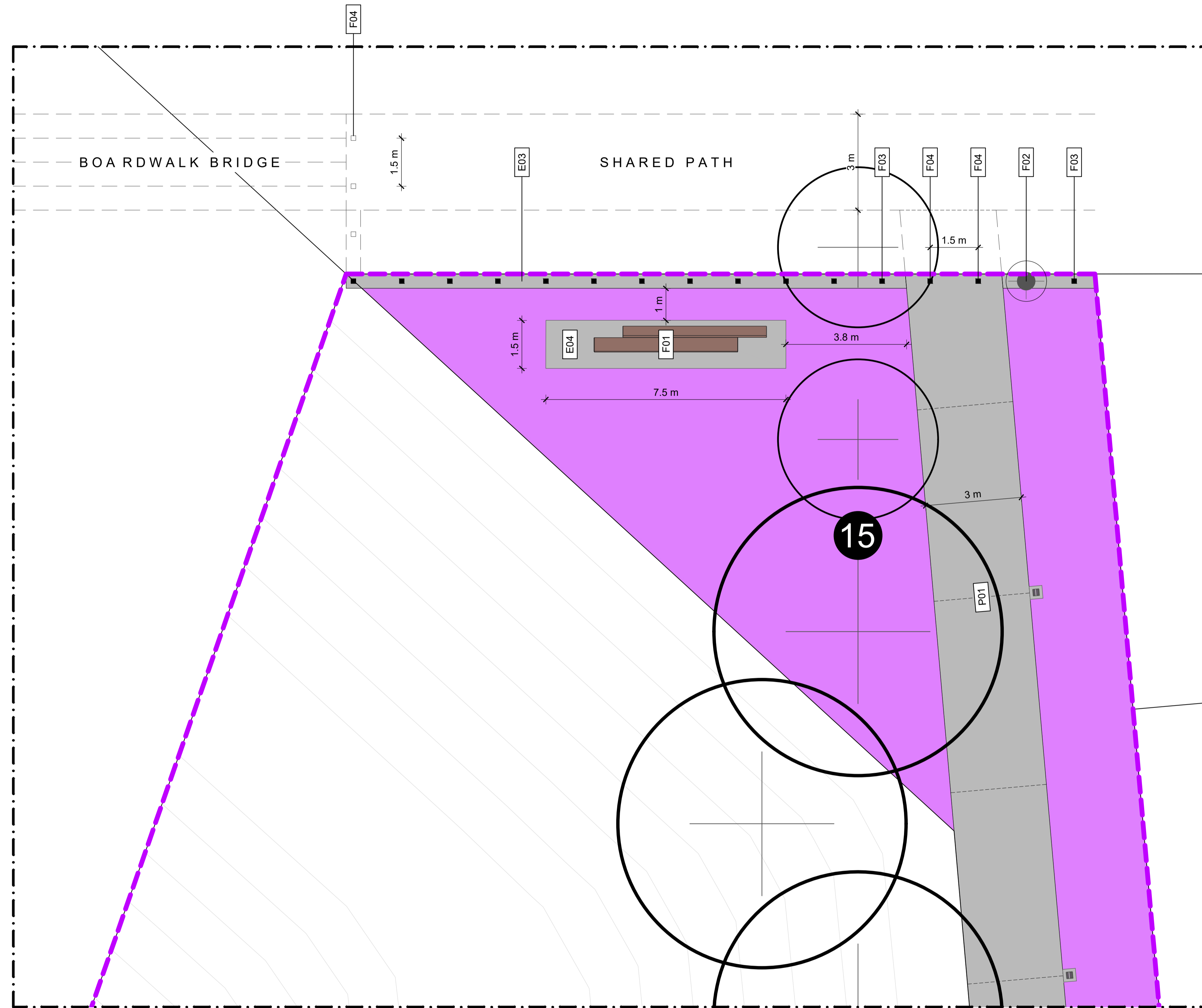
**GREENHILL PARK  
AREA KL&U  
STAGE 18**

PLANTING PLAN  
GENERAL ARRANGEMENT

Design	ARo	Scale	Date
Drawn	ARo	1:750 @ A1	17.11.21
Check		1:1,500 @ A3	
App'd			

DRAWING NO. REVISION

BM191029\_200 **3**



**NOTES**

CONTRACTORS TO VERIFY ALL DIMENSIONS ON SITE PRIOR TO COMMENCING WORK;

CONTRACTORS ARE RESPONSIBLE FOR CONFIRMING THE LOCATION OF ALL UNDERGROUND SERVICES ON SITE PRIOR TO COMMENCING WORK;

FIGURED DIMENSIONS TO BE TAKEN IN PREFERENCE TO SCALED DIMENSIONS.

**KEY**

REFER TO DRAWING NUMBER BM191029\_130 KEY SHEET

- STAGE 18
- 15 PARK 15
- CONCRETE CONTROL JOINTS
- LAWN

REV	DATE	DESCRIPTION
-	17.11.21	ISSUED FOR CONSTRUCTION
1	09.02.22	ANNOTATION ADDED FOR PARK NUMBER 15
2	20.01.23	AS BUILT

CLIENT  
Chedworth Properties Ltd

CONSULTANTS  
S&L Consultants  
IBEX Lighting

**AS BUILT**

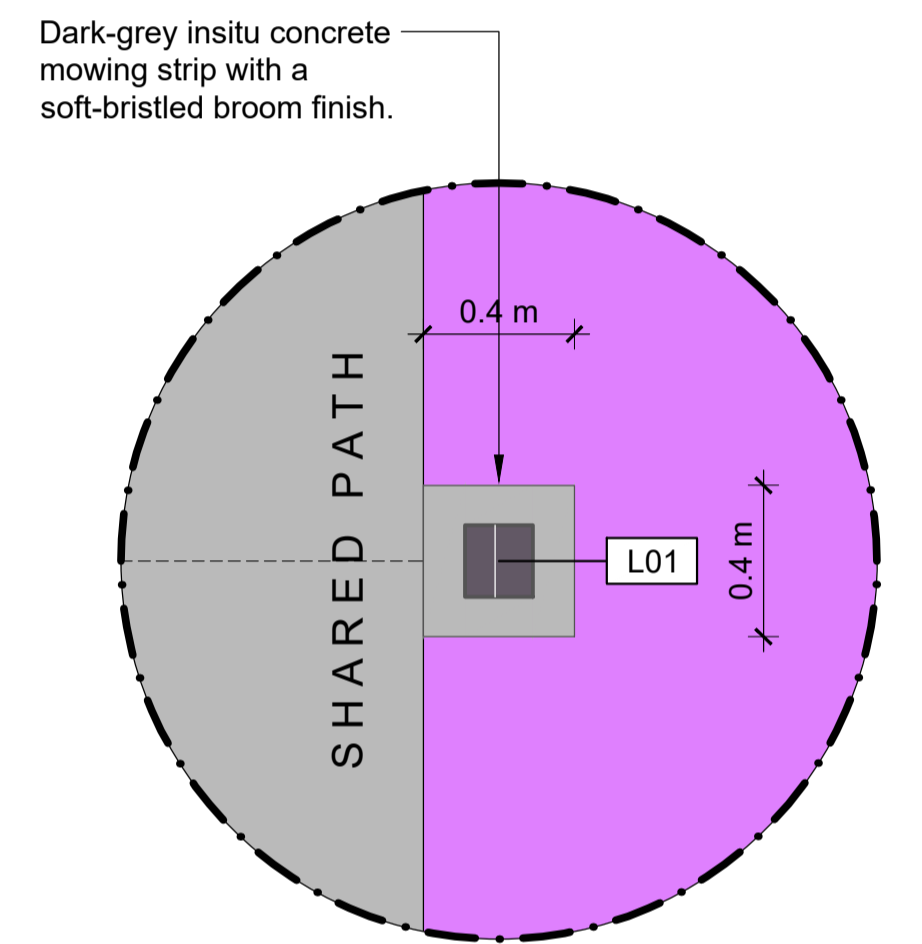
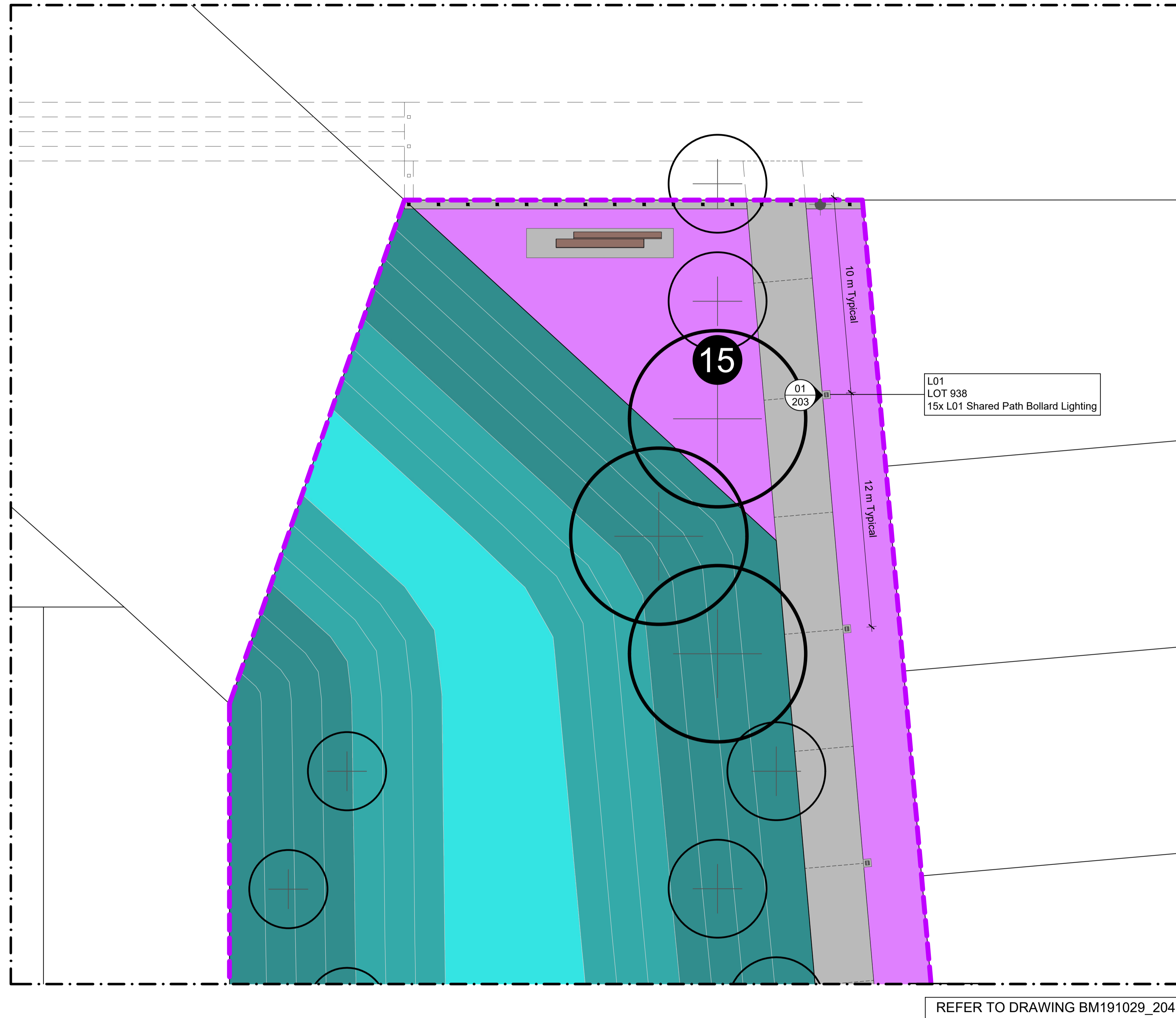
**GREENHILL PARK  
AREA KL&U  
STAGE 18**

GENERAL ARRANGEMENT  
SHEET 01 OF 01

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Check		1:250 @ A3	
Appv'd			

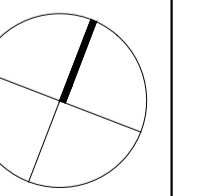
DRAWING NO. REVISION

BM191029\_201 2



01 SHARED PATH BOLLARD LIGHTING

REFER TO DRAWING BM191029\_204



**NOTES**

CONTRACTORS TO VERIFY ALL DIMENSIONS ON SITE PRIOR TO COMMENCING WORK;

CONTRACTORS ARE RESPONSIBLE FOR CONFIRMING THE LOCATION OF ALL UNDERGROUND SERVICES ON SITE PRIOR TO COMMENCING WORK;

FIGURED DIMENSIONS TO BE TAKEN IN PREFERENCE TO SCALED DIMENSIONS.

**KEY**

REFER TO DRAWING NUMBER BM191029\_130 KEY SHEET

- STAGE 18
- PARK 15
- CONCRETE CONTROL JOINTS
- LAWN

REV	DATE	DESCRIPTION
-	17.11.21	ISSUED FOR CONSTRUCTION
1	09.02.22	ANNOTATION ADDED FOR PARK NUMBER 15
2	17.03.22	SHARED PATH BOLLARD LIGHTING DETAIL REVISED
3	20.01.23	AS BUILT

CLIENT  
Chedworth Properties Ltd

CONSULTANTS  
S&L Consultants  
IBEX Lighting

AS BUILT

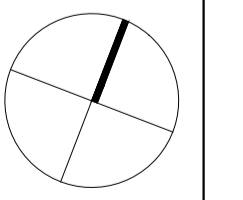
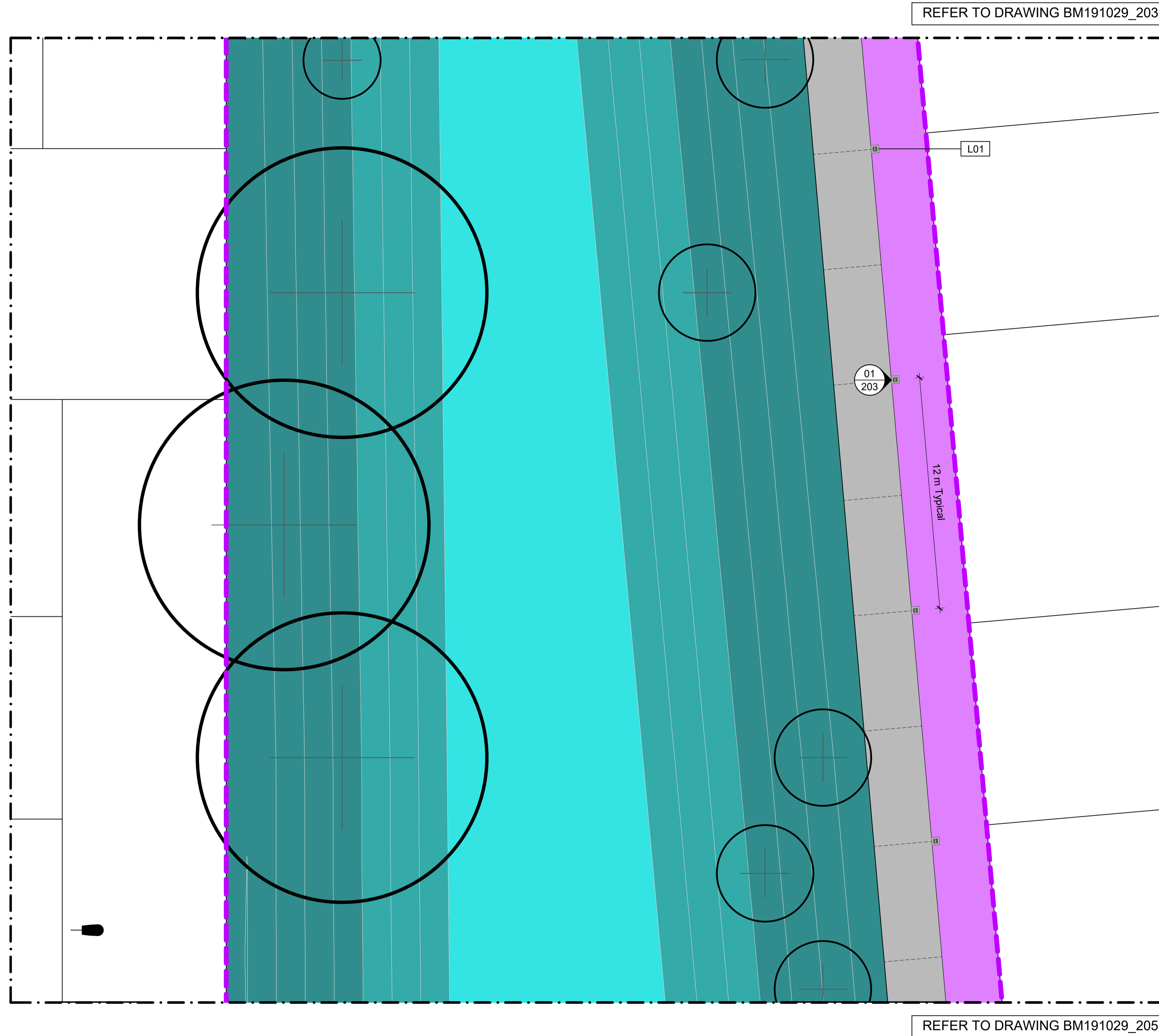
**GREENHILL PARK  
AREA KL&U  
STAGE 18**

SHARED PATH BOLLARD LIGHTING  
SET OUT SHEET 02 OF 06

Design	ARo	Scale	Date
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Check		1:250 @ A3	
Appv'd			

DRAWING NO.	REVISION
BM191029_203	3





**NOTES**

CONTRACTORS TO VERIFY ALL DIMENSIONS ON SITE PRIOR TO COMMENCING WORK;

CONTRACTORS ARE RESPONSIBLE FOR CONFIRMING THE LOCATION OF ALL UNDERGROUND SERVICES ON SITE PRIOR TO COMMENCING WORK;

FIGURED DIMENSIONS TO BE TAKEN IN PREFERENCE TO SCALED DIMENSIONS.

**KEY**

REFER TO DRAWING NUMBER BM191029\_130 KEY SHEET

STAGE 18

REV	DATE	DESCRIPTION
-	17.11.21	ISSUED FOR CONSTRUCTION
1	17.03.22	SHARED PATH BOLLARD LIGHTING DETAIL REVISED
2	20.01.23	AS BUILT

CLIENT  
Chedworth Properties Ltd

CONSULTANTS  
S&L Consultants  
IBEX Lighting

**AS BUILT**

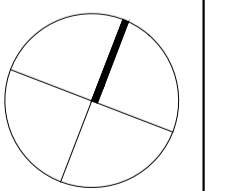
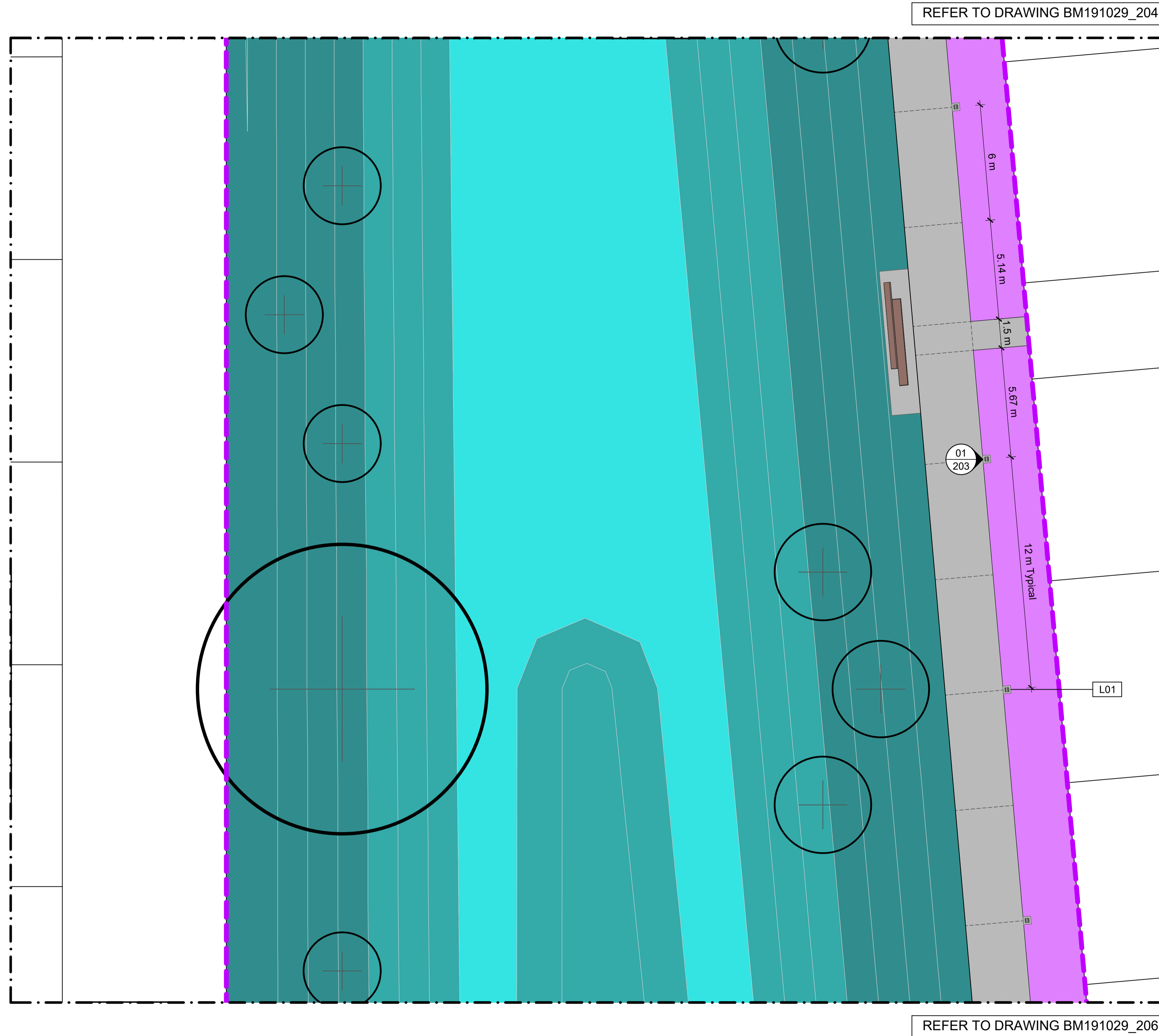
**GREENHILL PARK  
AREA KL&U  
STAGE 18**

SHARED PATH BOLLARD LIGHTING  
SET OUT SHEET 03 OF 06

Design	ARo	Scale	Date
Drawn	ARo	1:125 @ A1	17.11.21
Check		1:250 @ A3	
Appv'd			

DRAWING NO. REVISION

BM191029\_204 (2)



**NOTES**

CONTRACTORS TO VERIFY ALL DIMENSIONS ON SITE PRIOR TO COMMENCING WORK;

CONTRACTORS ARE RESPONSIBLE FOR CONFIRMING THE LOCATION OF ALL UNDERGROUND SERVICES ON SITE PRIOR TO COMMENCING WORK;

FIGURED DIMENSIONS TO BE TAKEN IN PREFERENCE TO SCALED DIMENSIONS.

**KEY**

REFER TO DRAWING NUMBER BM191029\_130 KEY SHEET

STAGE 18

REV	DATE	DESCRIPTION
-	17.11.21	ISSUED FOR CONSTRUCTION
1	17.03.21	SHARED PATH BOLLARD LIGHTING DETAIL REVISED
2	20.01.23	AS BUILT

CLIENT  
Chedworth Properties Ltd

CONSULTANTS  
S&L Consultants  
IBEX Lighting

**AS BUILT**

**GREENHILL PARK  
AREA KL&U  
STAGE 18**

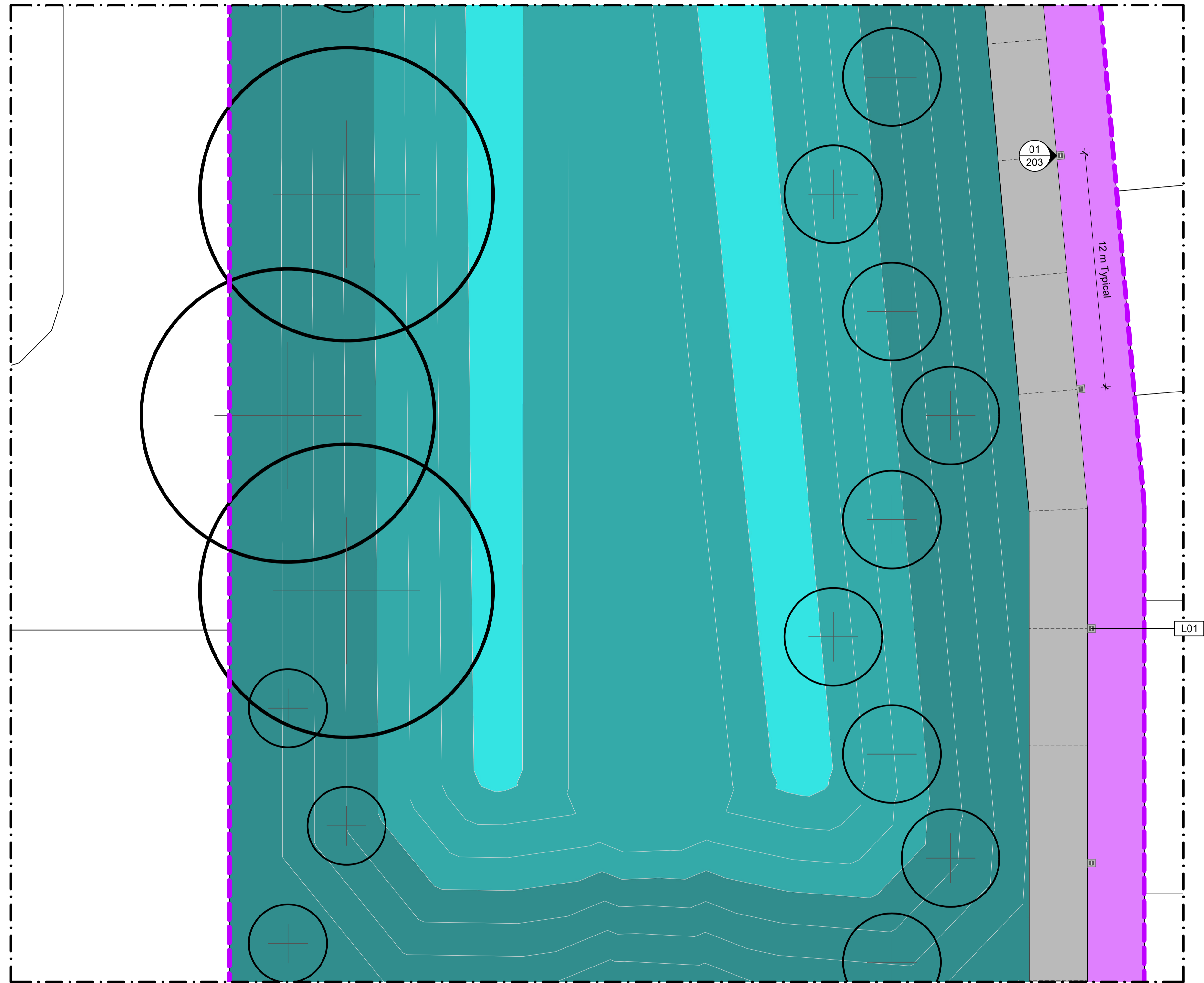
SHARED PATH BOLLARD LIGHTING  
SET OUT SHEET 04 OF 06

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Check		1:250 @ A3	
Appv'd			

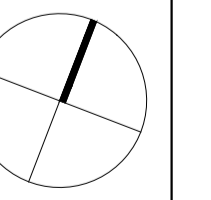
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BM191029\_205 (2)

REFER TO DRAWING BM191029\_205



REFER TO DRAWING BM191029\_207



**NOTES**

CONTRACTORS TO VERIFY ALL DIMENSIONS ON SITE PRIOR TO COMMENCING WORK;

CONTRACTORS ARE RESPONSIBLE FOR CONFIRMING THE LOCATION OF ALL UNDERGROUND SERVICES ON SITE PRIOR TO COMMENCING WORK;

FIGURED DIMENSIONS TO BE TAKEN IN PREFERENCE TO SCALED DIMENSIONS.

**KEY**

REFER TO DRAWING NUMBER BM191029\_130 KEY SHEET

STAGE 18

REV	DATE	DESCRIPTION
-	17.11.21	ISSUED FOR CONSTRUCTION
1	17.03.22	SHARED PATH BOLLARD LIGHTING DETAIL REVISED
2	20.01.23	AS BUILT

CLIENT  
Chedworth Properties Ltd

CONSULTANTS  
S&L Consultants  
IBEX Lighting

**AS BUILT**

**GREENHILL PARK  
AREA KL&U  
STAGE 18**

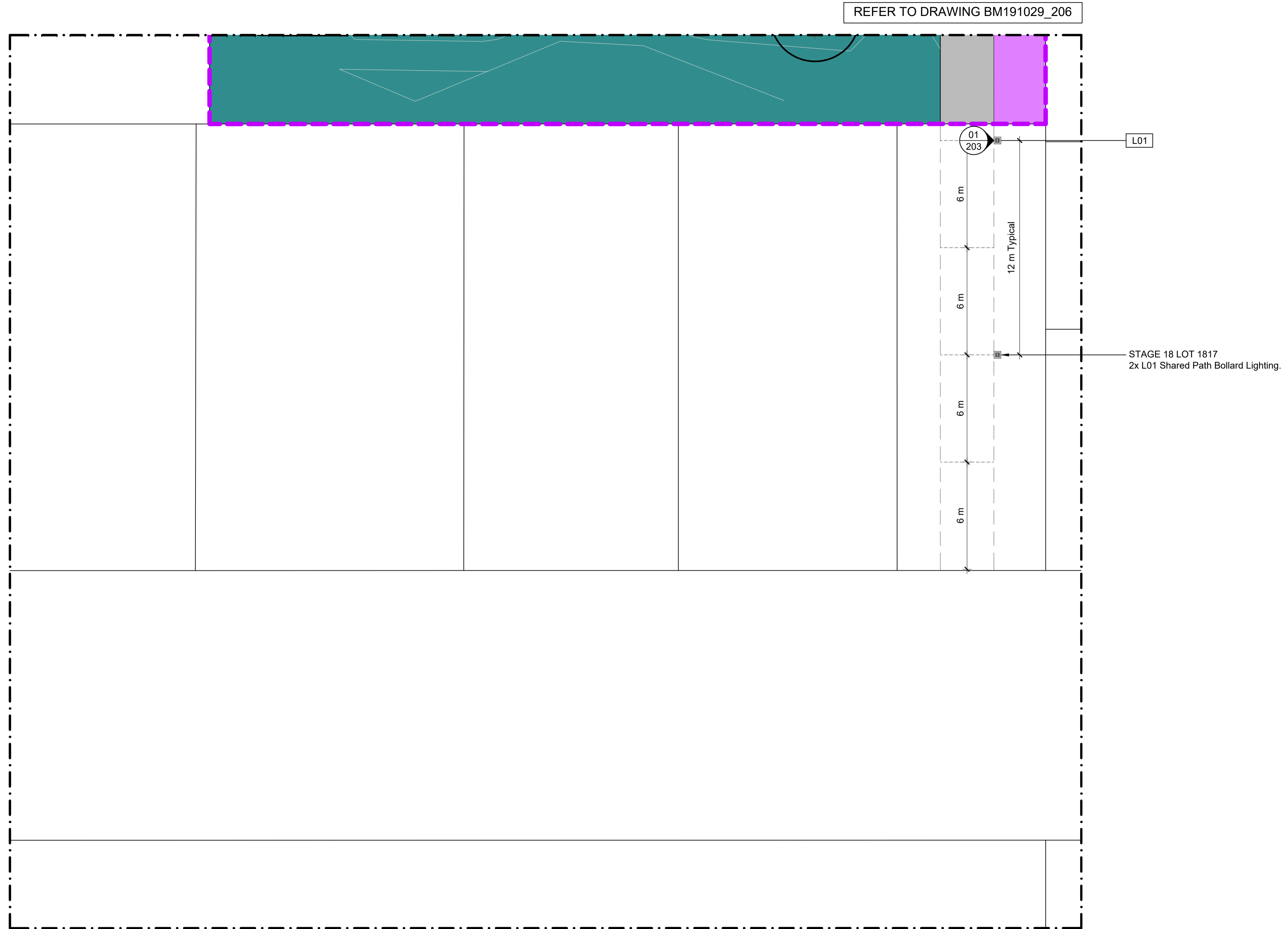
SHARED PATH BOLLARD LIGHTING  
SET OUT SHEET 05 OF 06

Design	ARo	Scale	Date
Drawn	ARo	1:125 @ A1	17.11.21
Check		1:250 @ A3	
Appv'd			

DRAWING NO. REVISION

BM191029\_206 (2)





**NOTES**

CONTRACTORS TO VERIFY ALL DIMENSIONS ON SITE PRIOR TO COMMENCING WORK;

CONTRACTORS ARE RESPONSIBLE FOR CONFIRMING THE LOCATION OF ALL UNDERGROUND SERVICES ON SITE PRIOR TO COMMENCING WORK;

FIGURED DIMENSIONS TO BE TAKEN IN PREFERENCE TO SCALED DIMENSIONS.

**KEY**

REFER TO DRAWING NUMBER BM191029\_130 KEY SHEET

STAGE 18

REV	DATE	DESCRIPTION
-	17.11.21	ISSUED FOR CONSTRUCTION
1	17.03.22	SHARED PATH BOLLARD LIGHTING DETAIL REVISED
2	02.09.22	SHARED PATH BOLLARD LIGHTING DIMENSIONS ADDED
3	20.01.23	AS BUILT

CLIENT  
Chedworth Properties Ltd

CONSULTANTS  
S&L Consultants  
IBEX Lighting

**AS BUILT**

**GREENHILL PARK  
AREA KL&U  
STAGE 18**

SHARED PATH BOLLARD LIGHTING  
SET OUT SHEET 06 OF 06

Design	ARo	Scale	Date
Drawn	ARo	1:125 @ A1	17.11.21
Check		1:250 @ A3	
Appv'd			




DRAWING NO. REVISION

BM191029\_207 3

Key

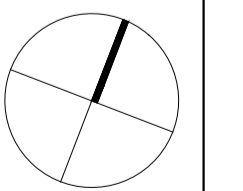
RESERVE

RECREATION AND STORMWATER

-  *Knightsia excelsa* (rewarewa)
-  *Quercus robur* (English oak)
-  *Podocarpus totara* (tōtara)
-  *Sophora microphylla* (kōwhai)
-  Swale Upper Bank Planting
-  Swale Lower Bank Planting
-  Lawn

RESERVE TREE SET OUT

A CAD Drawing (DWG/DXF Format) will be provided to the Contractor for set out purposes.



NOTES


CONTRACTORS TO VERIFY ALL DIMENSIONS ON SITE PRIOR TO COMMENCING WORK;

CONTRACTORS ARE RESPONSIBLE FOR CONFIRMING THE LOCATION OF ALL UNDERGROUND SERVICES ON SITE PRIOR TO COMMENCING WORK;

FIGURED DIMENSIONS TO BE TAKEN IN PREFERENCE TO SCALED DIMENSIONS.

KEY

REFER TO DRAWING NUMBER BM191029\_130 KEY SHEET

 STAGE 18

REV	DATE	DESCRIPTION
-	17.11.21	ISSUED FOR CONSTRUCTION
1	09.02.22	ANNOTATION ADDED FOR PARK NUMBER 15
2	17.03.22	SHARED PATH BOLLARD LIGHTING REMOVED FROM RESERVE 305
3	20.01.23	AS BUILT

CLIENT  
Chedworth Properties Ltd

CONSULTANTS  
S&L Consultants  
IBEX Lighting

**AS BUILT**

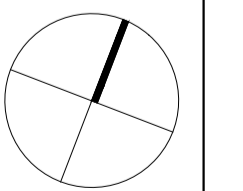
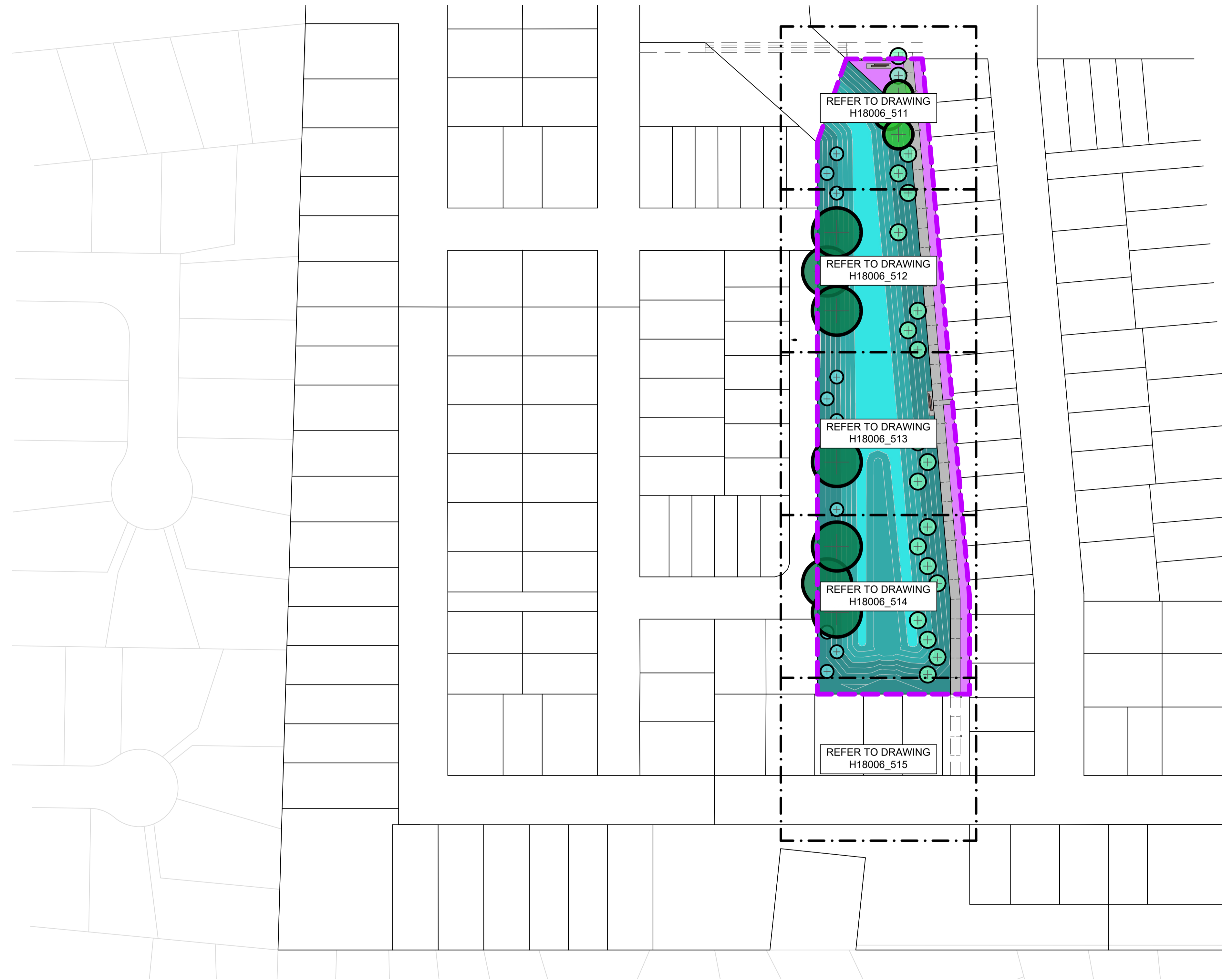
**GREENHILL PARK  
AREA KL&U  
STAGE 18**

PLANTING PLAN  
GENERAL ARRANGEMENT

Design	ARo	Scale	Date
Drawn	ARo	1:750 @ A1	17.11.21
Check		1:1,500 @ A3	
Appv'd			

DRAWING NO. REVISION

BM191029\_501 3



**NOTES**

CONTRACTORS TO VERIFY ALL DIMENSIONS ON SITE PRIOR TO COMMENCING WORK;  
 CONTRACTORS ARE RESPONSIBLE FOR CONFIRMING THE LOCATION OF ALL UNDERGROUND SERVICES ON SITE PRIOR TO COMMENCING WORK;  
 FIGURED DIMENSIONS TO BE TAKEN IN PREFERENCE TO SCALED DIMENSIONS.

**KEY**

- REFER TO DRAWING NUMBER BM191029\_130 KEY SHEET
- STAGE 18
- PLANTING
- LAWN

REV	DATE	DESCRIPTION
-	17.11.21	ISSUED FOR CONSTRUCTION
1	17.03.22	SHARED PATH BOLLARD LIGHTING REMOVED FROM RESERVE 305
2	20.01.23	AS BUILT

CLIENT  
 Chedworth Properties Ltd

CONSULTANTS  
 S&L Consultants  
 IBEX Lighting

**AS BUILT**

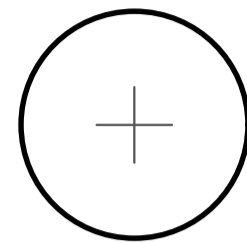



**GREENHILL PARK  
 AREA KL&U  
 STAGE 18  
 PLANTING PLAN SHEET LOCATIONS**

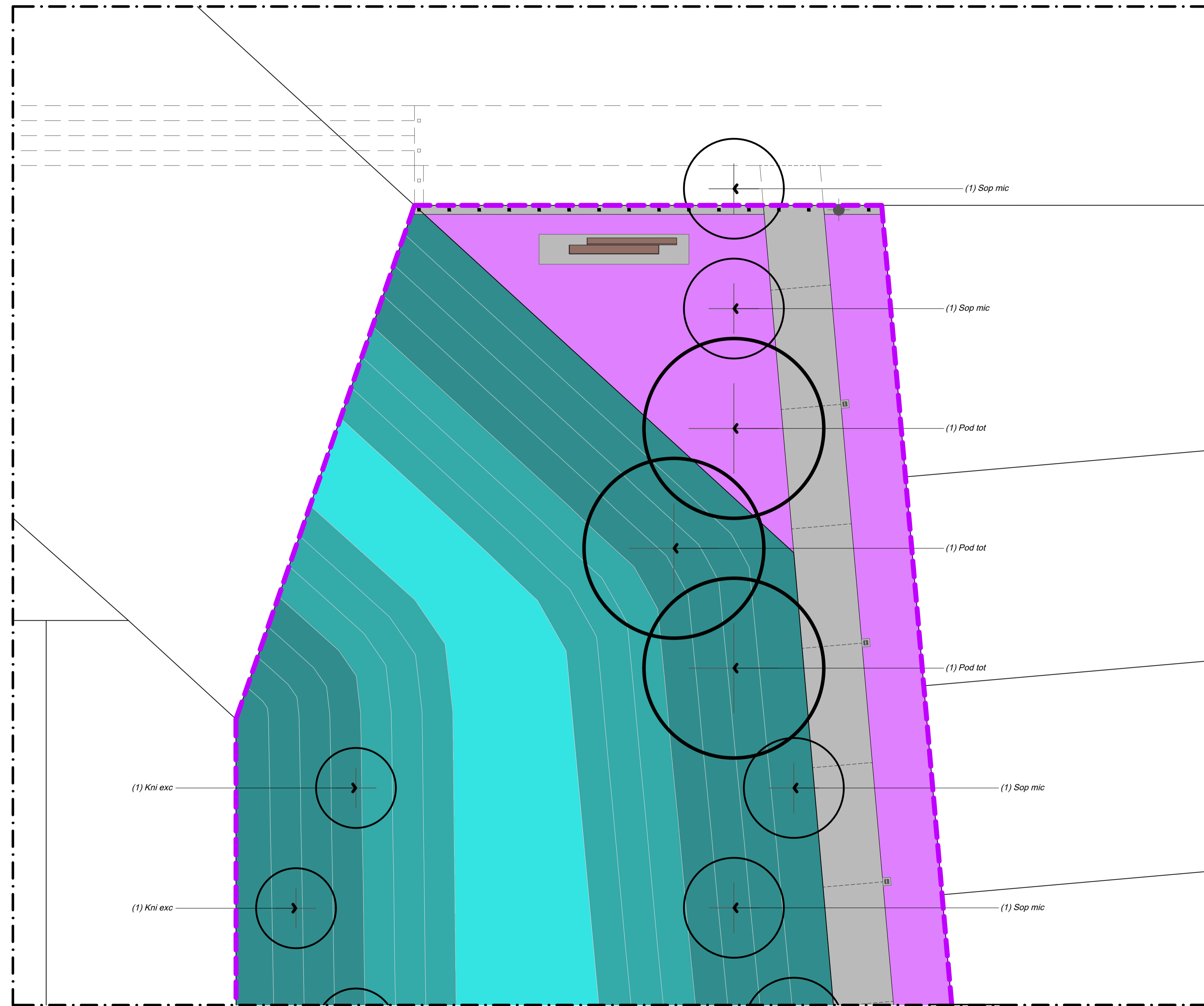
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Check		1:1,500 @ A3	
Appv'd			

DRAWING NO.	REVISION
BM191029_502	2



Key

-  Tree
-  Swale Upper Bank Planting  
*Soft-fine leaved grasses*
-  Swale Lower Bank Planting
-  Lawn



Set Out

All plant pits shall be setback 600mm minimum from the edge of all kerbs, nibs and footpaths.

**Reserve Tree Set Out**  
A CAD Drawing (DWG/DXF Format) will be provided to the Contractor for set out purposes.

REFER TO DRAWING BM191029\_512

NOTES

CONTRACTORS TO VERIFY ALL DIMENSIONS ON SITE PRIOR TO COMMENCING WORK;

CONTRACTORS ARE RESPONSIBLE FOR CONFIRMING THE LOCATION OF ALL UNDERGROUND SERVICES ON SITE PRIOR TO COMMENCING WORK;

FIGURED DIMENSIONS TO BE TAKEN IN PREFERENCE TO SCALED DIMENSIONS.

KEY

REFER TO DRAWING NUMBER BM191029\_130 KEY SHEET

 STAGE 18

REV	DATE	DESCRIPTION
1	17.11.21	ISSUED FOR CONSTRUCTION
1	20.01.23	AS BUILT

CLIENT  
Chedworth Properties Ltd

CONSULTANTS  
S&L Consultants  
IBEX Lighting

**AS BUILT**

**GREENHILL PARK  
AREA KL&U  
STAGE 18**

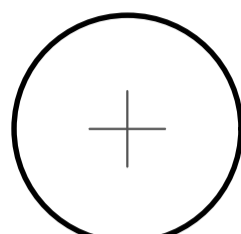


PLANTING PLAN  
SHEET 09 OF 13

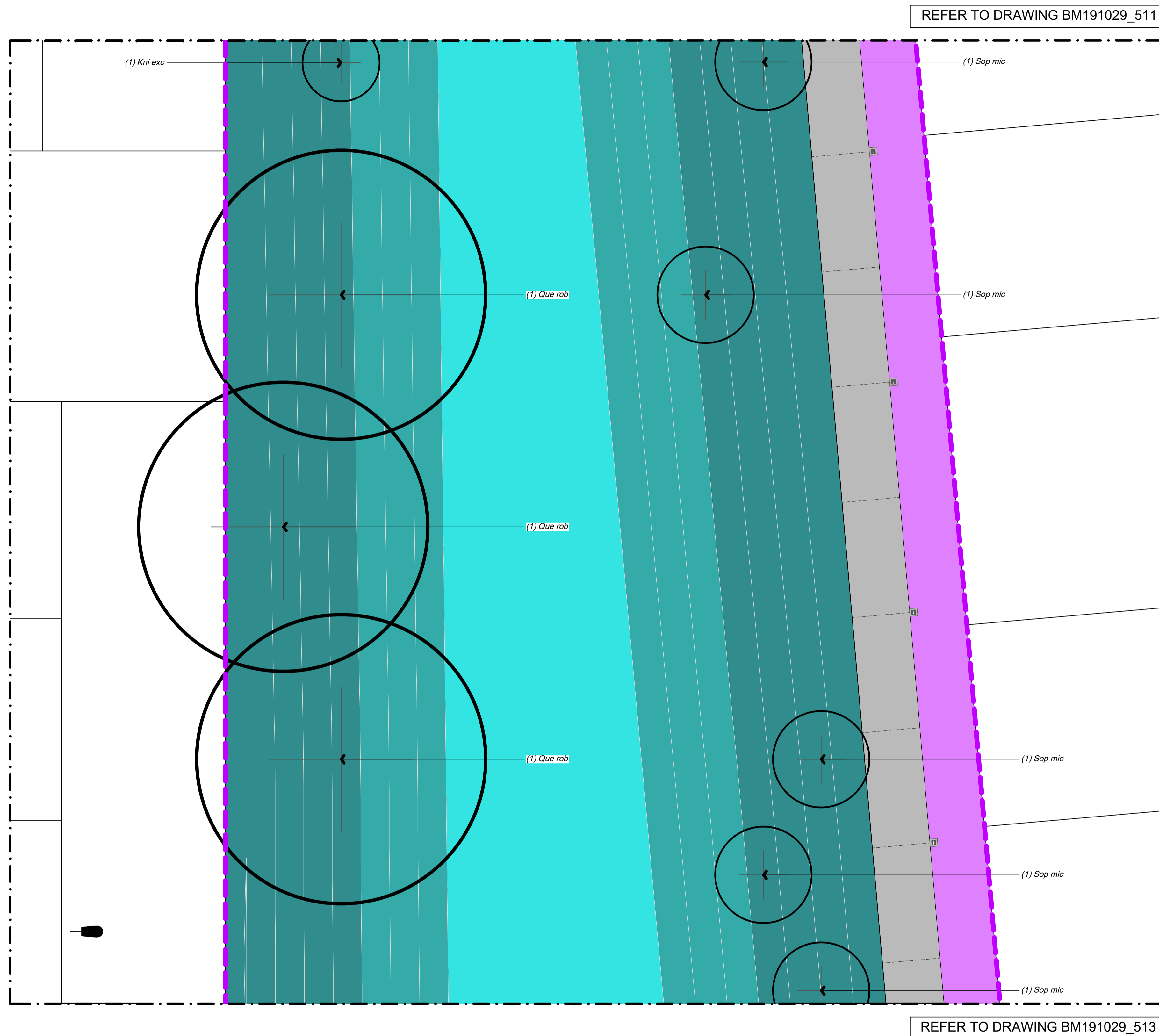
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Check		1:250 @ A3	
Appv'd			

DRAWING NO. REVISION

BM191029\_511 **1**

Key

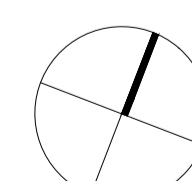
-  Tree
-  Swale Upper Bank Planting  
*Soft-fine leaved grasses*
-  Swale Lower Bank Planting
-  Lawn



Set Out

All plant pits shall be setback 600mm minimum from the edge of all kerbs, nibs and footpaths.

**Reserve Tree Set Out**  
A CAD Drawing (DWG/DXF Format) will be provided to the Contractor for set out purposes.



NOTES


CONTRACTORS TO VERIFY ALL DIMENSIONS ON SITE PRIOR TO COMMENCING WORK;

CONTRACTORS ARE RESPONSIBLE FOR CONFIRMING THE LOCATION OF ALL UNDERGROUND SERVICES ON SITE PRIOR TO COMMENCING WORK;

FIGURED DIMENSIONS TO BE TAKEN IN PREFERENCE TO SCALED DIMENSIONS.

KEY

REFER TO DRAWING NUMBER BM191029\_130 KEY SHEET

 STAGE 18

REV	DATE	DESCRIPTION
1	17.11.21	ISSUED FOR CONSTRUCTION
1	20.01.23	AS BUILT

CLIENT  
Chedworth Properties Ltd

CONSULTANTS  
S&L Consultants  
IBEX Lighting

**AS BUILT**

**GREENHILL PARK  
AREA KL&U  
STAGE 18**

PLANTING PLAN  
SHEET 10 OF 13

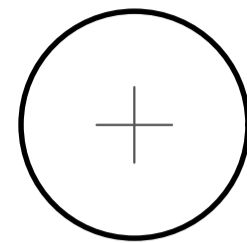



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Check		1:250 @ A3	
Appv'd			

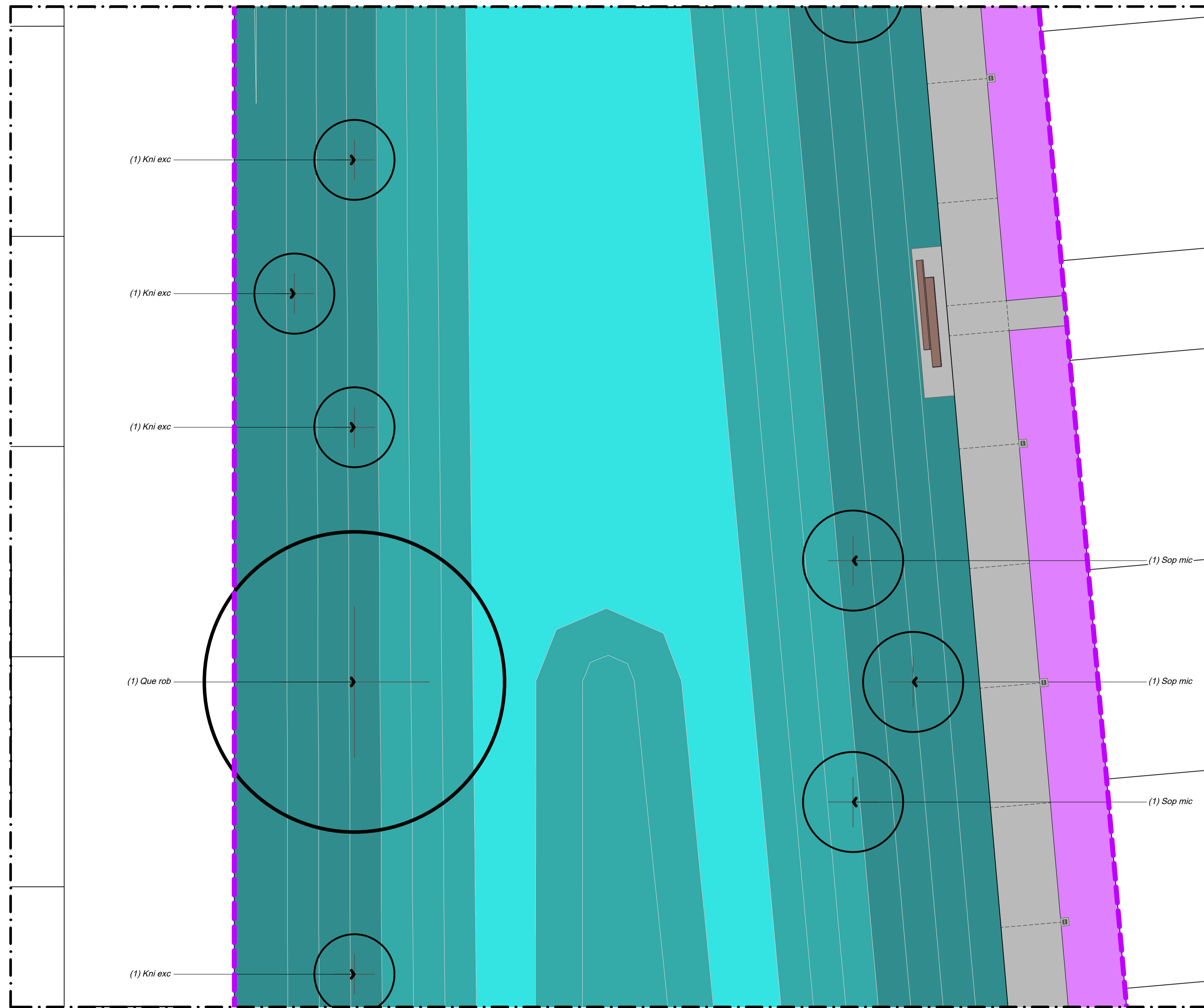
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BM191029\_512

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Key

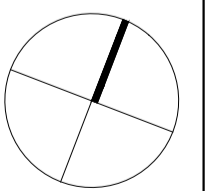
-  Tree
-  Swale Upper Bank Planting  
*Soft-fine leaved grasses*
-  Swale Lower Bank Planting
-  Lawn



Set Out

All plant pits shall be setback 600mm minimum from the edge of all kerbs, nibs and footpaths.

**Reserve Tree Set Out**  
A CAD Drawing (DWG/DXF Format) will be provided to the Contractor for set out purposes.



NOTES


CONTRACTORS TO VERIFY ALL DIMENSIONS ON SITE PRIOR TO COMMENCING WORK;

CONTRACTORS ARE RESPONSIBLE FOR CONFIRMING THE LOCATION OF ALL UNDERGROUND SERVICES ON SITE PRIOR TO COMMENCING WORK;

FIGURED DIMENSIONS TO BE TAKEN IN PREFERENCE TO SCALED DIMENSIONS.

KEY

REFER TO DRAWING NUMBER BM191029\_130 KEY SHEET

 STAGE 18

REV	DATE	DESCRIPTION
1	17.11.21	ISSUED FOR CONSTRUCTION
1	20.01.23	AS BUILT

CLIENT  
Chedworth Properties Ltd

CONSULTANTS  
S&L Consultants  
IBEX Lighting

**AS BUILT**

**GREENHILL PARK**  
**AREA KL&U**  
**STAGE 18**

PLANTING PLAN  
SHEET 11 OF 13

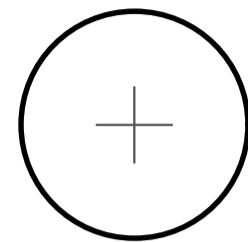




Design	ARo	Scale	Date
Drawn	ARo	1:125 @ A1	17.11.21
Check		1:250 @ A3	
Appv'd			

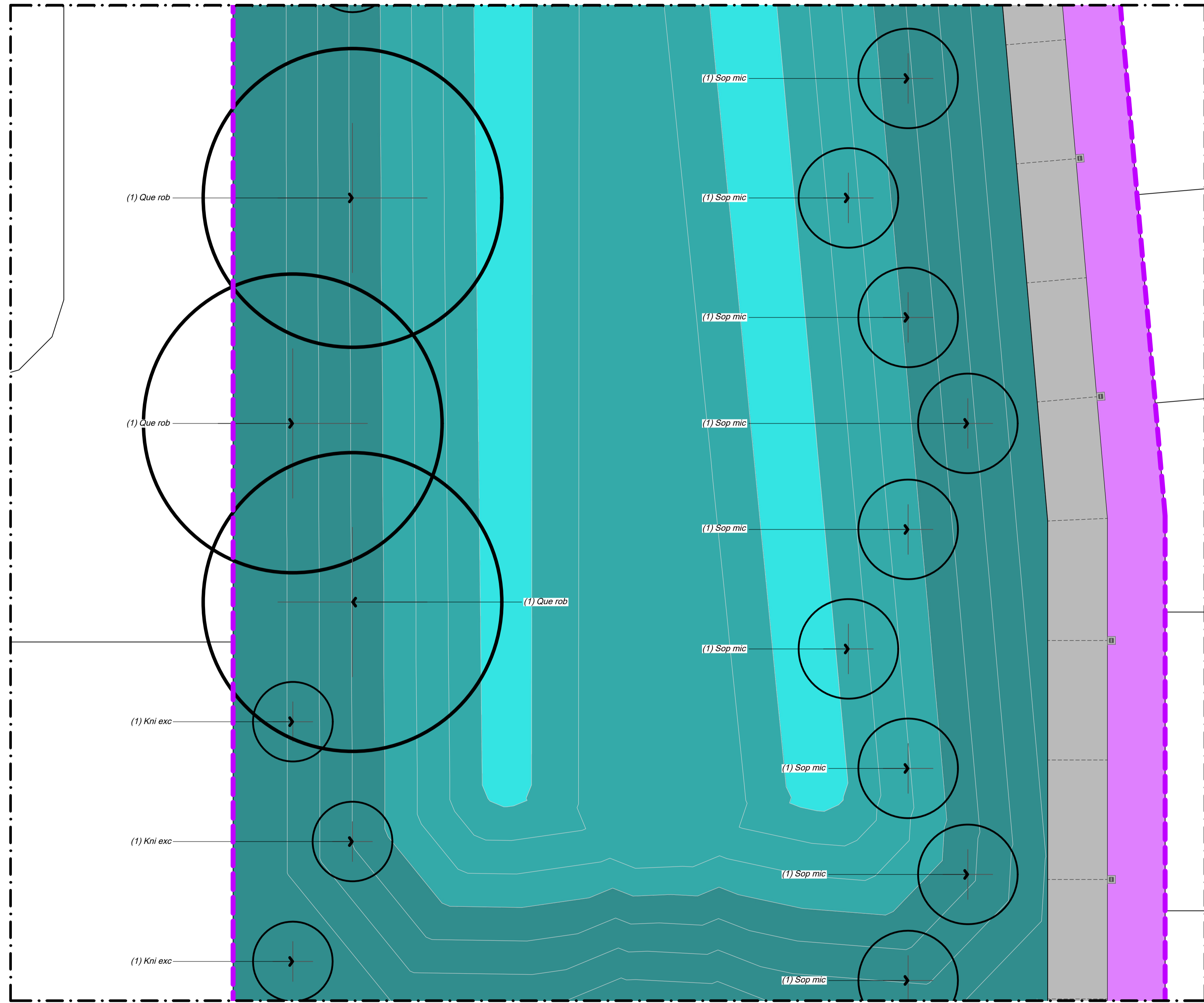
DRAWING NO.	REVISION
BM191029_513	1



REFER TO DRAWING BM191029\_513

Key

-  Tree
-  Berm Planting
-  Swale Upper Bank Planting  
Soft-fine leaved grasses
-  Swale Lower Bank Planting
-  Lawn

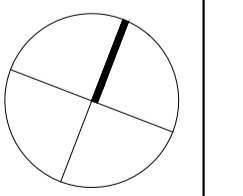


REFER TO DRAWING BM191029\_515

Set Out

All plant pits shall be setback 600mm minimum from the edge of all kerbs, nibs and footpaths.

**Reserve Tree Set Out**  
A CAD Drawing (DWG/DXF Format) will be provided to the Contractor for set out purposes.



NOTES


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FIGURED DIMENSIONS TO BE TAKEN IN PREFERENCE TO SCALED DIMENSIONS.

KEY

REFER TO DRAWING NUMBER BM191029\_130 KEY SHEET

 STAGE 18

REV	DATE	DESCRIPTION
1	17.11.21	ISSUED FOR CONSTRUCTION
1	20.01.23	AS BUILT

CLIENT  
Chedworth Properties Ltd

CONSULTANTS  
S&L Consultants  
IBEX Lighting

AS BUILT

**GREENHILL PARK**  
**AREA KL&U**  
**STAGE 18**

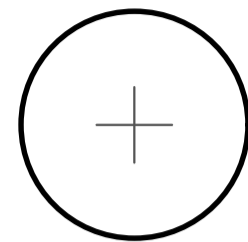


PLANTING PLAN  
SHEET 12 OF 13

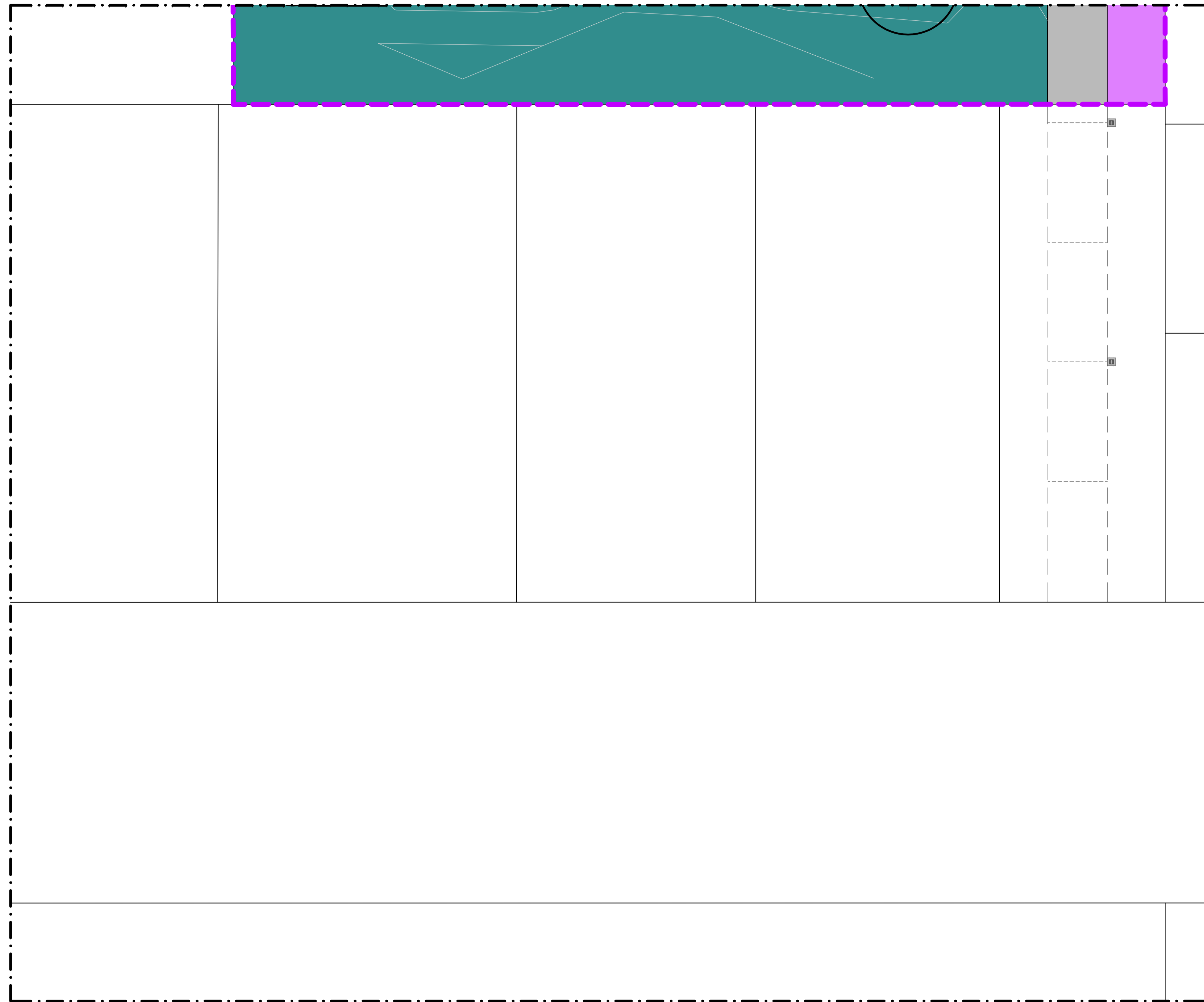
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Check		1:250 @ A3	
Appv'd			

DRAWING NO.	REVISION
BM191029_514	1

REFER TO DRAWING BM191029\_514

Key

-  Tree
-  Swale Upper Bank Planting  
*Soft-fine leaved grasses*
-  Lawn



Set Out

All plant pits shall be setback 600mm minimum from the edge of all kerbs, nibs and footpaths.

**Reserve Tree Set Out**  
A CAD Drawing (DWG/DXF Format) will be provided to the Contractor for set out purposes.

NOTES

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KEY

REFER TO DRAWING NUMBER BM191029\_130 KEY SHEET

 STAGE 18

REV	DATE	DESCRIPTION
-	17.11.21	ISSUED FOR CONSTRUCTION
1	20.01.23	AS BUILT

CLIENT  
Chedworth Properties Ltd

CONSULTANTS  
S&L Consultants  
IBEX Lighting

AS BUILT

**GREENHILL PARK**  
**AREA KL&U**  
**STAGE 18**

PLANTING PLAN  
SHEET 13 OF 13

Design	ARo	Scale	Date
Drawn	ARo	1:125 @ A1	17.11.21
Check		1:250 @ A3	
Appv'd			

DRAWING NO. REVISION

BM191029\_515 1