SANITARY PLUMBING, DRAINAGE & TRADEWASTE

<u> </u>		· · · — • ·	
FW		@ c—	TRAPPED FLOOR WASTE, FLOOR WASTE
SHR	0	@ G—	TRAPPED SHOWER WASTE, SHOWER WASTE
BTFW			BASKET TYPE FLOOR WASTE
OFG	\boxtimes		OVERFLOW GULLY
SFW	\boxtimes	X c-	TRAPPED SEALED FLOOR WASTE, SEALED FLOOR WASTE
СО			CLEAROUT
TD	0	⊚ c	TUNDISH
WTD	Ω		IN-WALL TUNDISH
AAV	A		AIR ADMITTANCE VALVE (PLAN)
вт	Ø		BOUNDARY TRAP
PMF	0		INDUCT PIPE MICA FLAP
SIP	\bigcirc		SEWER INSPECTION PIT
	Z		REFLUX VALVE
		<u> </u>	GRATED DRAIN

INSPECTION PIT (SEALED)

CONNECTION TO EXISTING DRAINAGE (GRAVITY)

STORMWATER

RWO		RAINWATER OUTLET
	0	SUMP WITH OUTLET
OF	II	OVERFLOW
HP	1	HIGH POINT
	<u>ш</u> щ	SPREADER
SWP		GRATED STORMWATER PIT
	\boxtimes	STORMWATER PIT WITH SEALED LID
HP		OVERFLOW HIGH POINT SPREADER GRATED STORMWATER PIT

CAMLOCK CONNECTION OUTLET

WA	TER SERVIC	ES_
IV	\bowtie	STOP TAP / ISOLATION VALVE / GATE VALVE
	\bowtie	BALL VALVE
	(F)	FILTER
	\bowtie	PATH VALVE WITH CAST IRON SURFACE BOX
NRV	И	CHECK VALVE / NON RETURN VALVE
DCV	M	DOUBLE CHECK VALVE
RPZD	KKK	REDUCED PRESSURE ZONE DEVICE
TV	1	TEMPERING VALVE
TMV	△	THERMOSTATIC MIXING VALVE
	\triangleright	FLOAT VALVE
	⋈	METERING & BALANCING VALVE (STA-D)
		SOLENOID VALVE
PRV		PRESSURE REDUCTION VALVE SET
	$\rightarrow \Rightarrow$	TAPWARE
НТ	+	HOSE TAP
		TRAP PRIMING DEVICE
WM		WATER METER
	$lackbox{}$	PUMP
		SINGLE PUMP ASSEMBLY

CONNECTION TO EXISTING WATER SERVICE (PRESSURE)

GAS PATH VALVE WITH CAST IRON SURFACE BOX

Client:

DUAL PUMP ASSEMBLY SET

HOT WATER UNIT

GAS REGULATOR

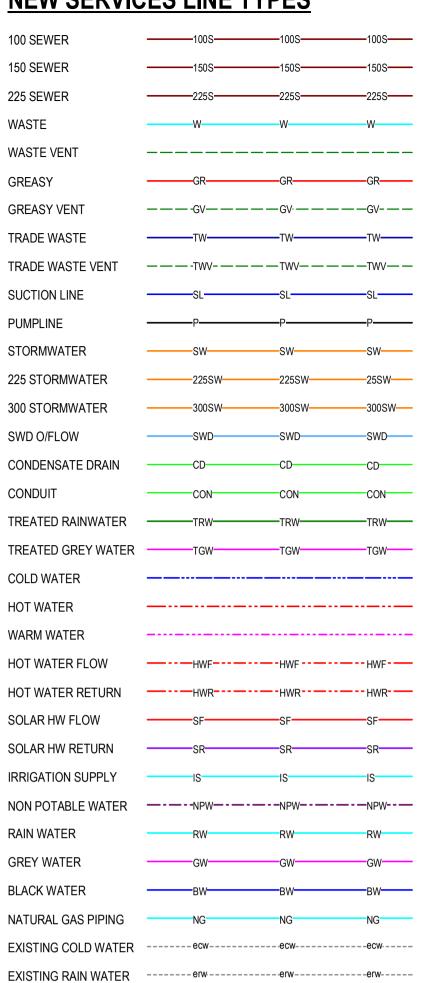
GAS METER

BALL VALVE / GAS VALVE

GAS SERVICES

 ∞

NEW SERVICES LINE TYPES



FITTING CONNECTION SCHEDULE

ABBREVIATION	FIXTURE TYPE	WASTE CONNECTION SIZE	WATER SUPPLY SIZE	FITTING NOTES
AAV	AIR ADMITTANCE VALVE			INSTALL AIR ADMITTANCE VALVE FIXTURE WHERE INDICATED WITH "(AAV)"
DP	DOWN PIPE	REFER PLANS		
HWU	HOT WATER UNIT			COLD WATER SUPPLY WITH IV & METER TO HOT WATER UNIT & HOT WATER FROM HWU TO SUPPLY FIXTURES, ALL INSTALLED TO MANUFACTURERS REQUIREMENTS (REFER DETAIL)
1.0.	INSPECTION OPENING			
I.O.S.	INSPECTION OPENING WITH SURFACE ACCESS			
J.U.	JUMP UP			INSTALL BELOW GROUND, ANCHOR BLOCKS SHALL BE USED TO AS. 3500.2
PD	PLANTER DRAIN	100mm		
RO	RAINWATER OUTLET	100mm		
TMV	THERMOSTATIC MIXING VALVE			LOCATED BELOW BASIN IN S/S BOX WITH 20 HW & CW SUPPLIES FROM H/L AND 15 WW & CW SERVICING BASIN/S
W T/B	WASTE PENETRATION	100mm		TYPICALLY 100∅ WASTE TO PENETRATE THROUGH SLAB TO BELOW
SJ	SWIVEL JOINT	REFER ADJ. PIPE SIZE		BALL SWIVEL EXPANSION JOINT, MAX 30 DEGREE SWIVEL ANGLE
EJ	EXPANSION JOINT	REFER ADJ. PIPE SIZE		LONGITUDINAL EXPANSION JOINT, MAX. 150mm EXPANSION
SMS	SEWER MAINTENANCE SHAFT	REFER ADJ. PIPE SIZE		MIN. 300 DIA RISER WITH COVER TO SUIT SURFACE TYPE AND RATING.

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LUMINA OPEN SPACE HYDRAULIC SERVICES LEGEND AND GENERAL NOTES

DRAWN DATE 21-07-23 DESIGN N.T.S PLOT RATIO 1 / A1 CHECKED JDG APPROVED DS PROJECT No 62.0010071

REVISION 06-04-23 50% DESIGN DEVELOPMENT DRAFT 18-04-23 50% DESIGN DEVELOPMENT 17-05-23 90% DESIGN DEVELOPMENT 26-05-23 95% DESIGN DEVELOPMENT CLIENT ISSUE 21-07-23 100% DESIGN DEVELOPMENT ISSUE

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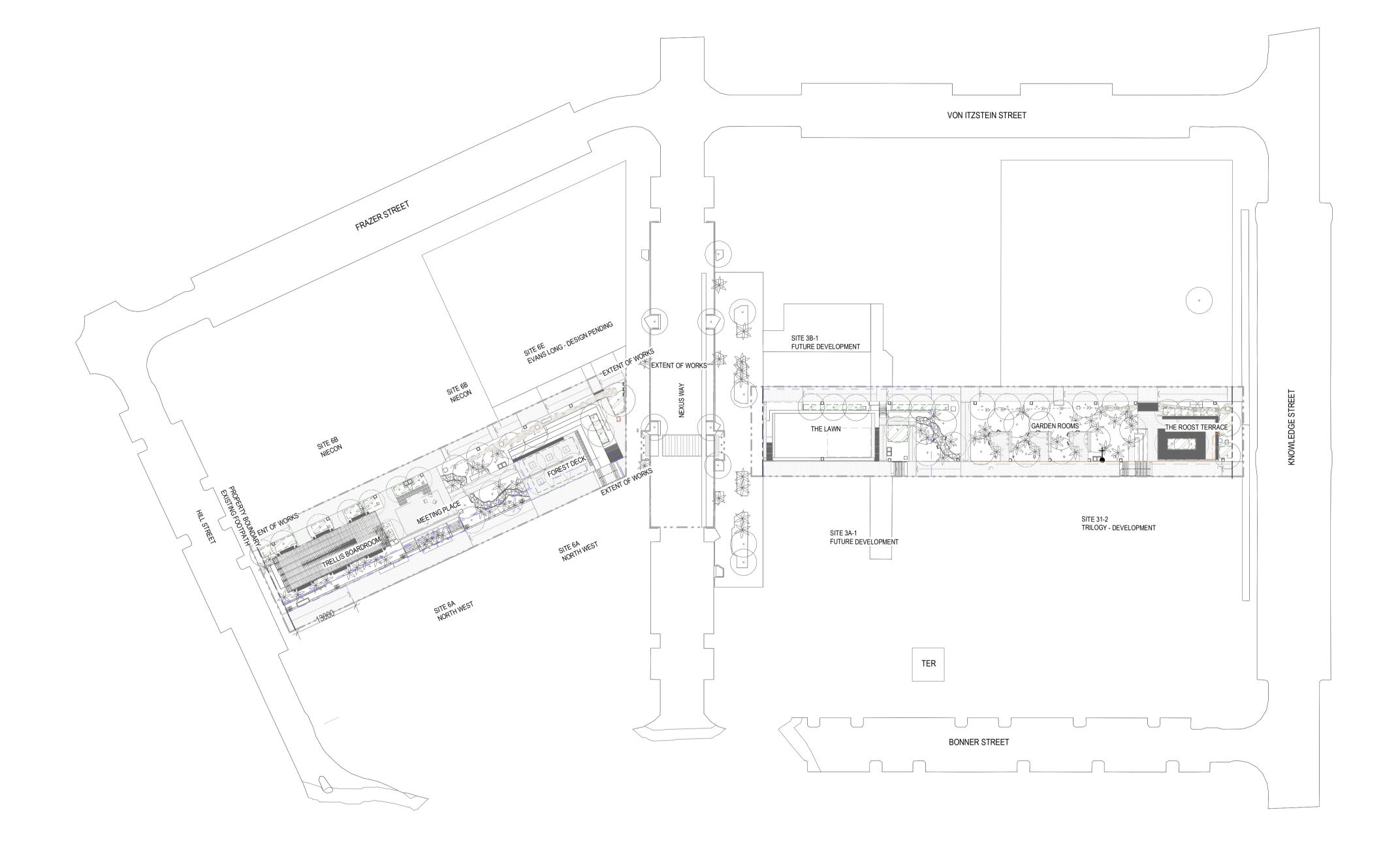
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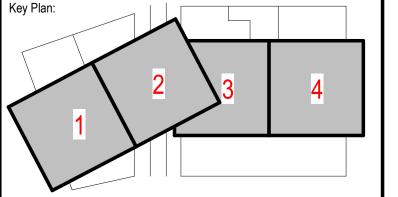
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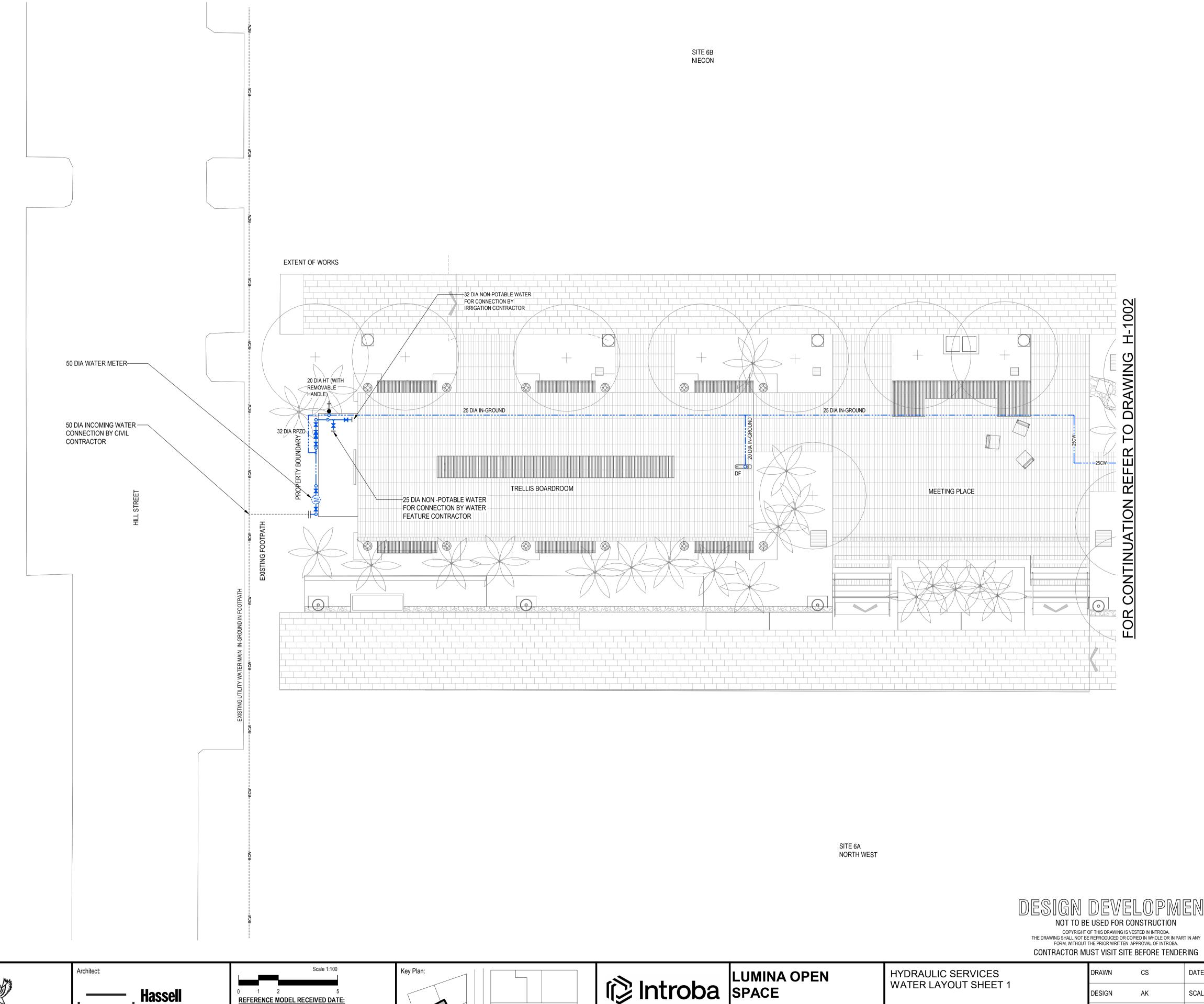
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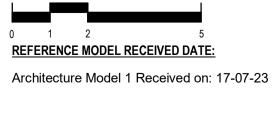


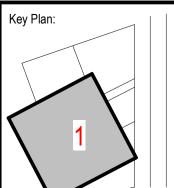


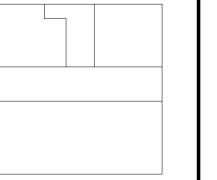
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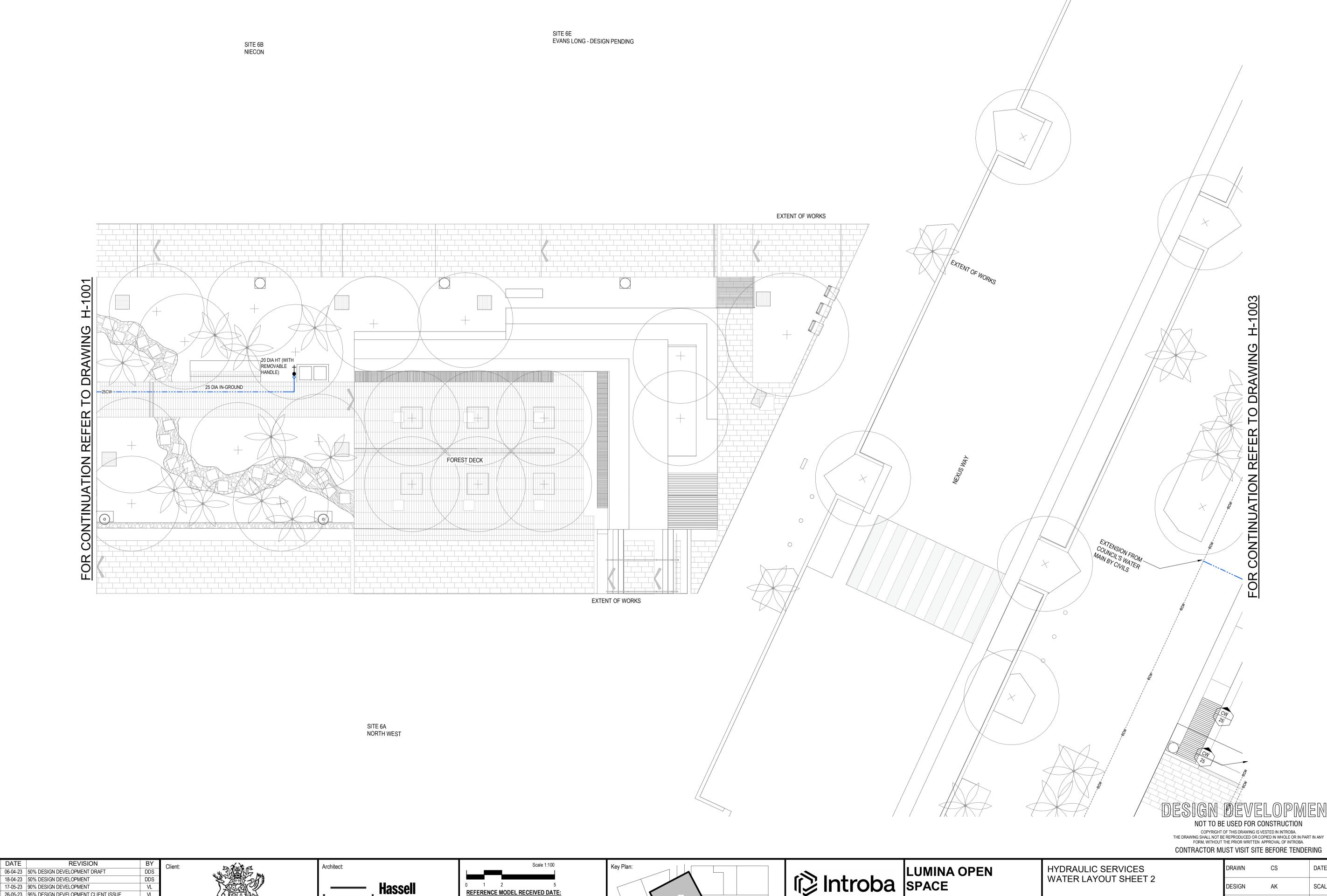
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WATER LAYOUT SHEET 1	

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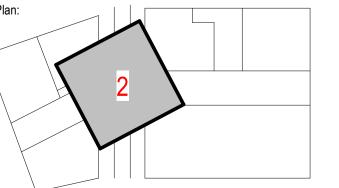
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WATER LAYOUT SHEET 2	

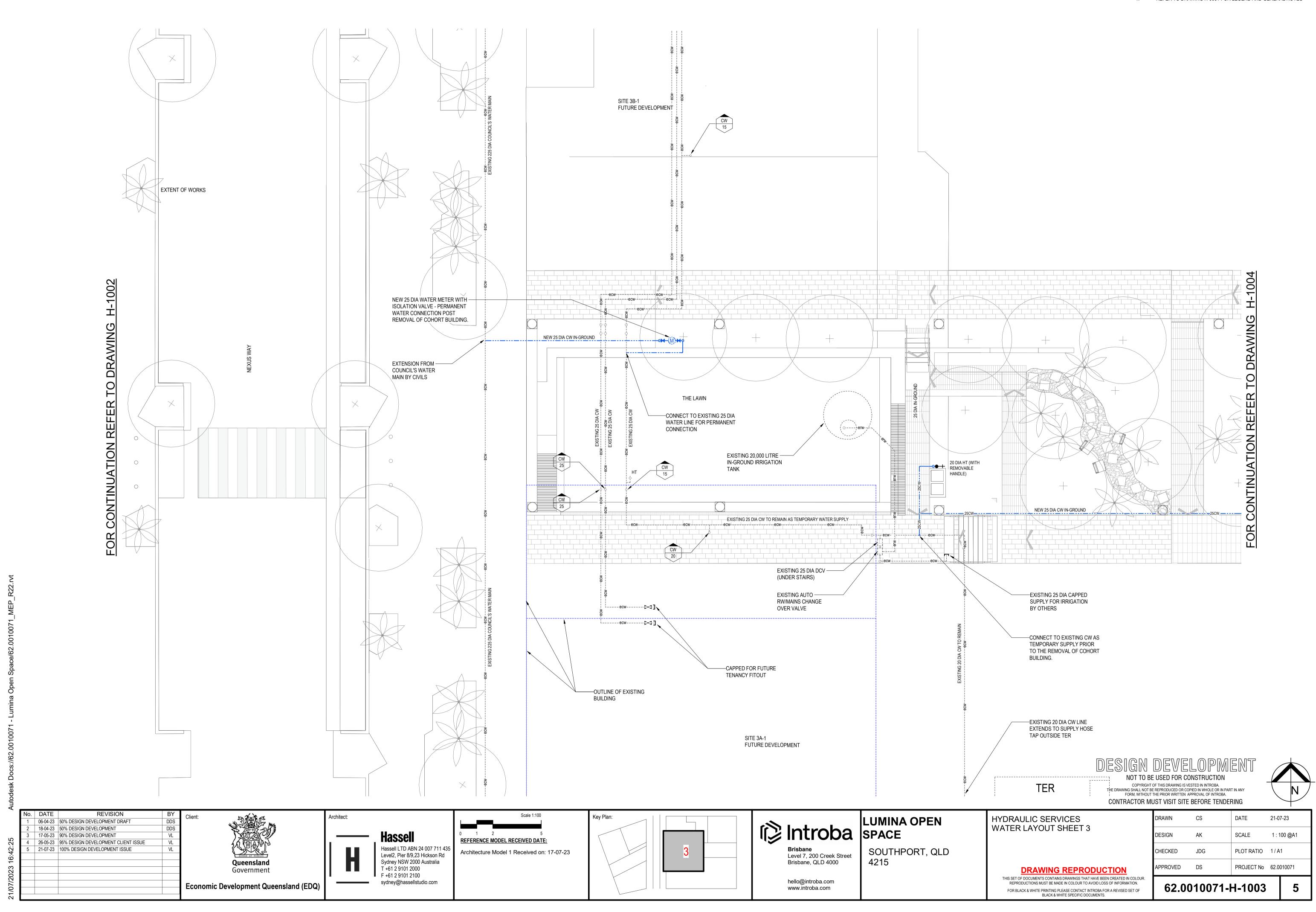
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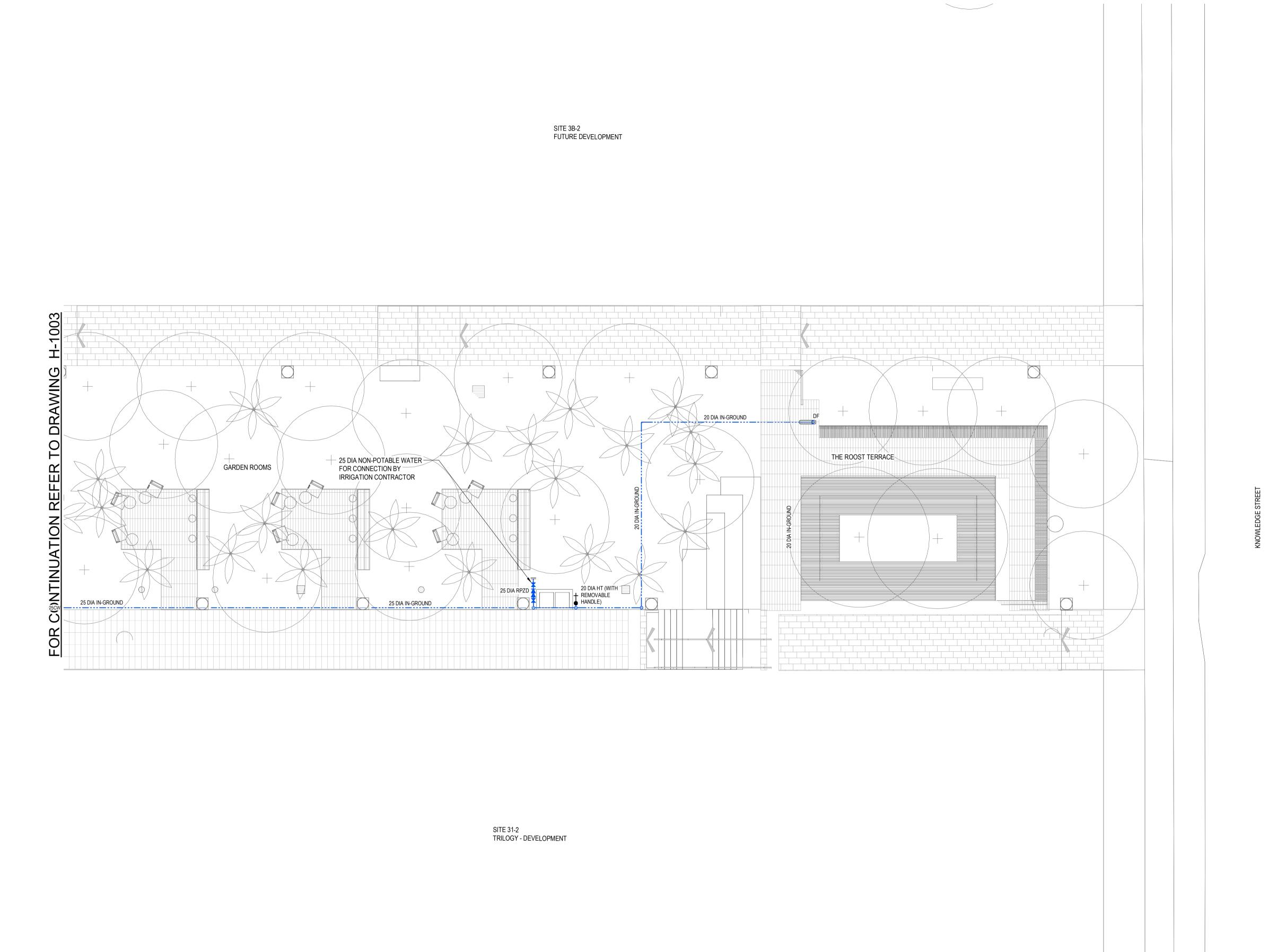
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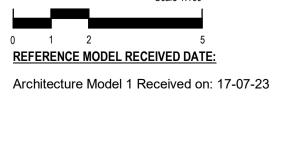
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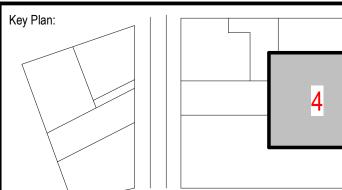
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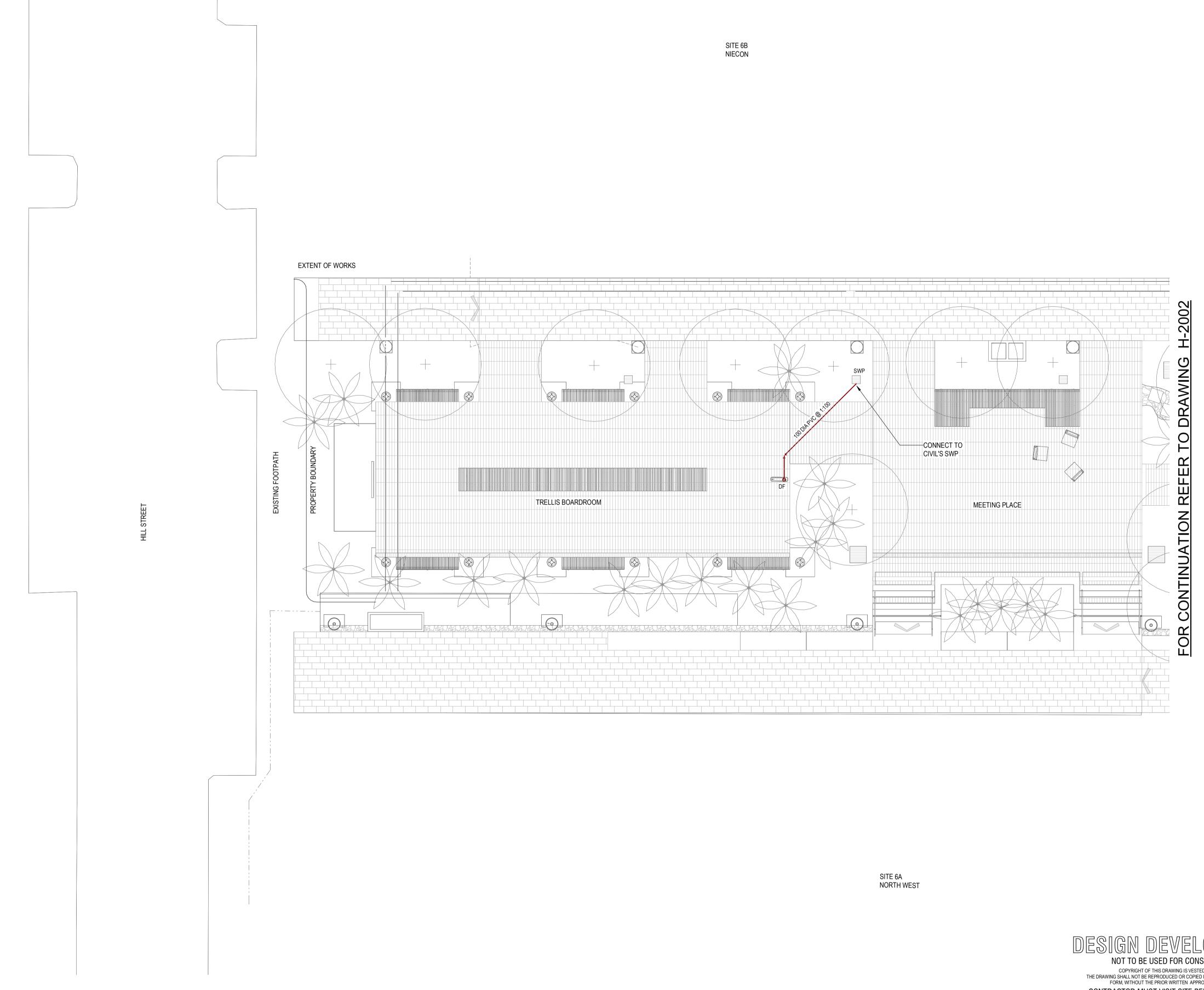
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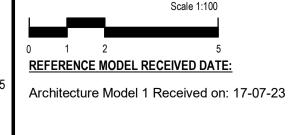
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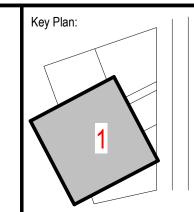
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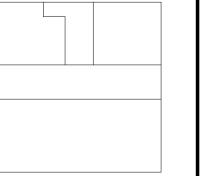
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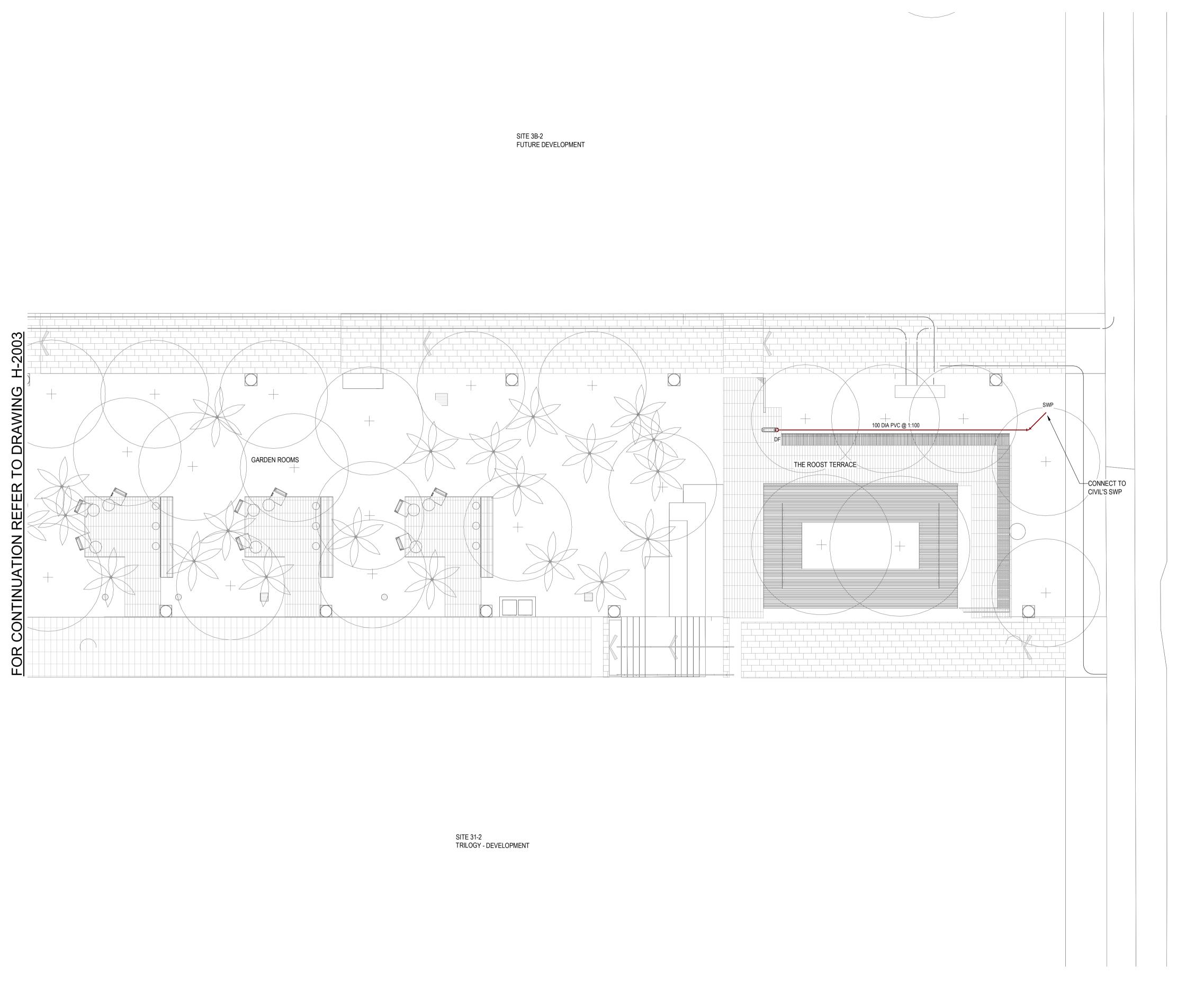
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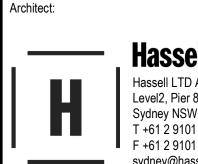


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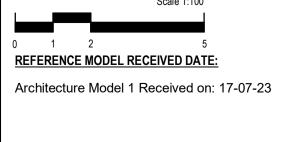
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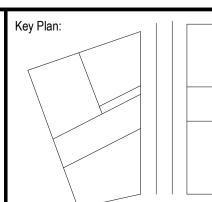
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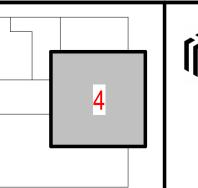














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