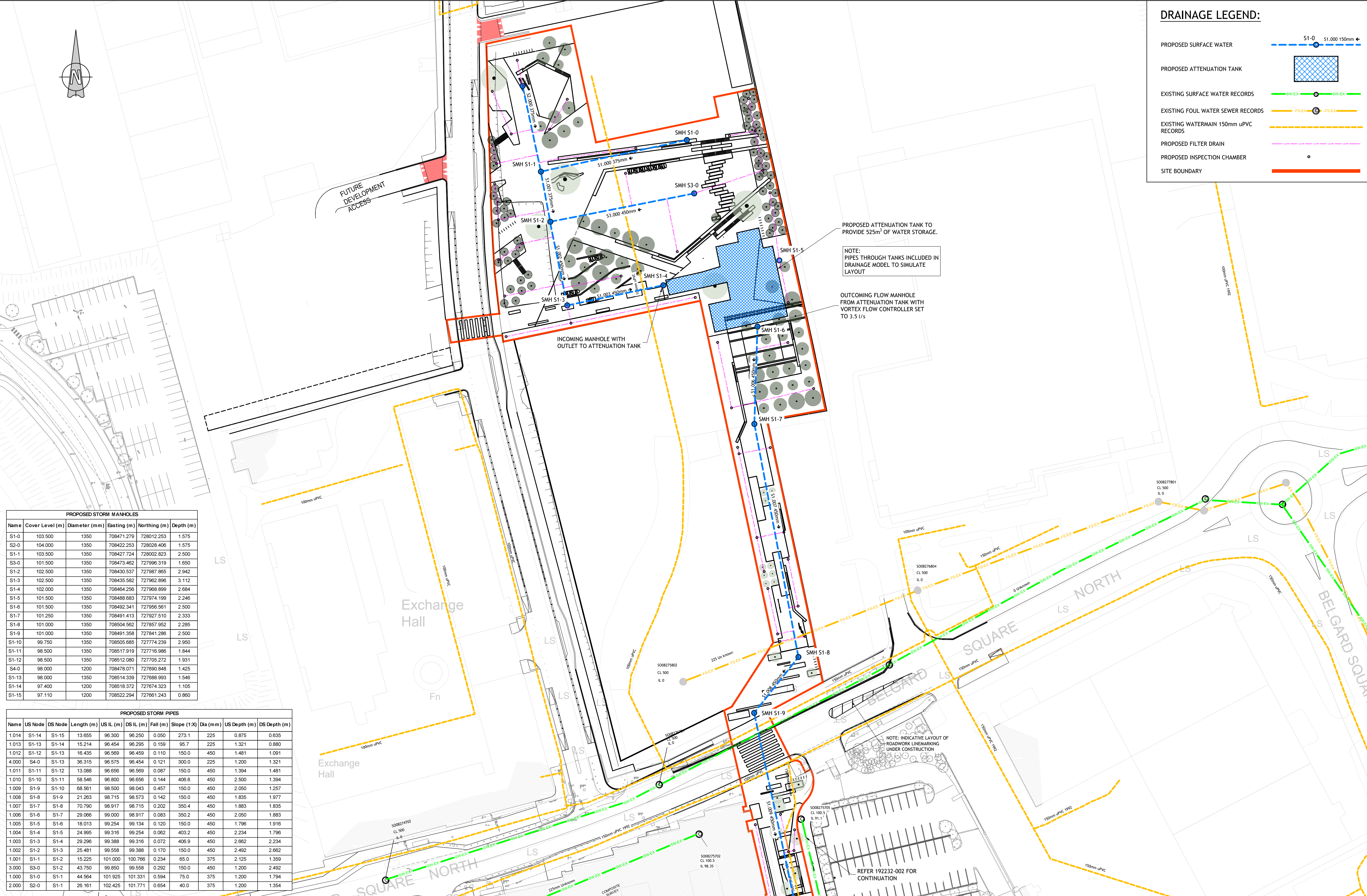




PROPOSED STORM MANHOLES					
Name	Cover Level (m)	Diameter (mm)	Easting (m)	Northing (m)	Depth (m)
S1-0	103.500	1350	708471.279	728012.253	1.575
S2-0	104.000	1350	708422.253	728028.406	1.575
S1-1	103.500	1350	708427.724	728002.823	2.500
S3-0	101.500	1350	708473.462	727996.319	1.650
S1-2	102.500	1350	708430.537	727987.865	2.942
S1-3	102.500	1350	708435.582	727962.896	3.112
S1-4	102.000	1350	708464.256	727968.899	2.684
S1-5	101.500	1350	708488.683	727974.199	2.246
S1-6	101.500	1350	708492.341	727956.561	2.500
S1-7	101.250	1350	708491.413	727927.510	2.333
S1-8	101.000	1350	708504.562	727857.952	2.285
S1-9	101.000	1350	708491.358	727841.286	2.500
S1-10	98.750	1350	708505.685	727774.239	2.950
S1-11	98.500	1350	708517.919	727716.986	1.844
S1-12	98.500	1350	708512.080	727705.272	1.931
S4-0	98.000	1200	708478.071	727690.848	1.425
S1-13	98.000	1350	708514.339	727688.993	1.546
S1-14	97.400	1200	708518.372	727674.323	1.105
S1-15	97.110	1200	708522.294	727661.243	0.860

PROPOSED STORM PIPES										
Name	US Node	DS Node	Length (m)	US IL (m)	DS IL (m)	Fall (m)	Slope (1:X)	Dia (mm)	US Depth (m)	DS Depth (m)
1.014	S1-14	S1-15	13.655	96.300	96.250	0.050	273.1	225	0.875	0.635
1.013	S1-13	S1-14	15.214	96.454	96.295	0.159	95.7	225	1.321	0.880
1.012	S1-12	S1-13	16.435	96.569	96.459	0.110	150.0	450	1.481	1.091
4.000	S4-0	S1-13	36.315	96.575	96.454	0.121	300.0	225	1.200	1.321
1.011	S1-11	S1-12	13.088	96.656	96.569	0.087	150.0	450	1.394	1.481
1.010	S1-10	S1-11	58.546	96.800	96.656	0.144	406.6	450	2.500	1.394
1.009	S1-9	S1-10	68.961	96.500	96.043	0.457	150.0	450	2.050	1.257
1.008	S1-8	S1-9	21.263	96.715	96.573	0.142	150.0	450	1.835	1.977
1.007	S1-7	S1-8	70.790	96.917	96.715	0.202	350.4	450	1.883	1.835
1.006	S1-6	S1-7	29.066	99.000	96.917	0.083	350.2	450	2.050	1.883
1.005	S1-5	S1-6	16.013	99.254	99.134	0.120	150.0	450	1.796	1.916
1.004	S1-4	S1-5	24.995	99.316	99.254	0.062	403.2	450	2.234	1.796
1.003	S1-3	S1-4	29.296	99.388	99.316	0.072	406.9	450	2.662	2.234
1.002	S1-2	S1-3	25.481	99.558	99.388	0.170	150.0	450	2.492	2.662
1.001	S1-1	S1-2	15.225	101.000	100.786	0.234	65.0	375	2.125	1.359
3.000	S3-0	S1-2	43.750	99.850	99.558	0.292	150.0	450	1.200	2.492
1.000	S1-0	S1-1	44.564	101.925	101.331	0.594	75.0	375	1.200	1.794
2.000	S2-0	S1-1	26.161	102.425	101.771	0.654	40.0	375	1.200	1.354

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Date Drawn: FEB 2020
Drawn By: JB
Date Issued:
Issued By:

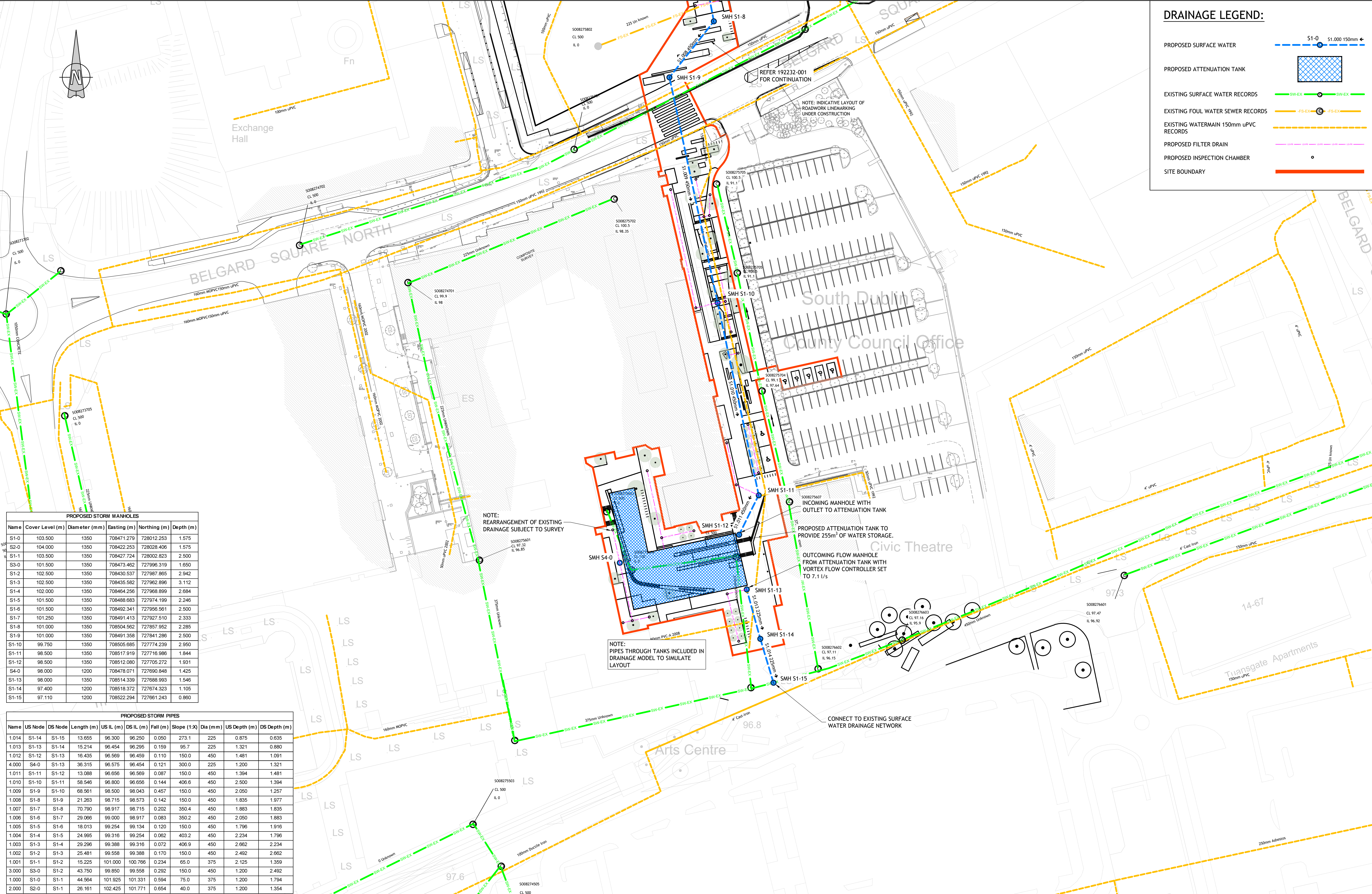


Rev	By	Date
PLO	DP	2020/07/24
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		

Client:

Job: PUBLIC REALM PROJECT TALLAGHT SDCC
Title: PROPOSED SURFACE WATER DRAINAGE LAYOUT (1 of 2)
PUNCH consulting engineers
Dublin|Limerick|Cork|Galway|Glasgow
Carnegie House, Library Road, Dun Laoghaire, Co. Dublin, A96 C7W7
IRL: +353 1 271 2200 www.punchconsulting.com

Stage: PLANNING	Rev:
Scale @ A1: 1:500	
Technician Check: JB	
Engineer Check: MR	
Approved:	
Drawing No: 192232-001	PL0



DRAINAGE LEGEND:

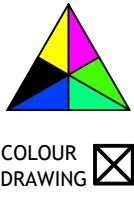
- PROPOSED SURFACE WATER
- PROPOSED ATTENUATION TANK
- EXISTING SURFACE WATER RECORDS
- EXISTING FOUL WATER SEWER RECORDS
- EXISTING WATERMAIN 150mm uPVC RECORDS
- PROPOSED FILTER DRAIN
- PROPOSED INSPECTION CHAMBER
- SITE BOUNDARY

PROPOSED STORM MANHOLES					
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2.000	S2-0	S1-1	26.161	102.425	101.771	0.654	40.0	375	1.200	1.354

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Date Drawn: FEB 2020
Drawn By: JB
Date Issued: 24/07/2020
Issued By: DP



Rev	Amendment	By	Date
PLO	ISSUE FOR PLANNING	DP	2020/07/24

Client:

Job: PUBLIC REALM PROJECT TALLAGHT SDCC

Title: PROPOSED SURFACE WATER DRAINAGE LAYOUT (2 of 2)

PUNCH consulting engineers

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Stage: PLANNING	Rev:
Scale @ A1: 1:500	
Technician Check: JB	
Engineer Check: MR	
Approved:	
Drawing No: 192232-002	PL0



LEGEND:

PROPOSED EXTERNAL RAIN GARDEN

PROPOSED PERMEABLE PAVING EG. BITUMINOUS MACADAM/WETPOUR PLAY SURFACING

PROPOSED IMPERMEABLE PAVING ON GRADE TO LANDSCAPE ARCH. FOR PAVER TYPE

PROPOSED SWALES WITH FILTER DRAIN

SITE BOUNDARY

NOTE:

REFER TO ENGINEERING REPORT FOR CONTRIBUTION AREAS.



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Date Drawn: JULY 2020
Drawn By: JB
Date Issued: 24/07/2020
Issued By: DP

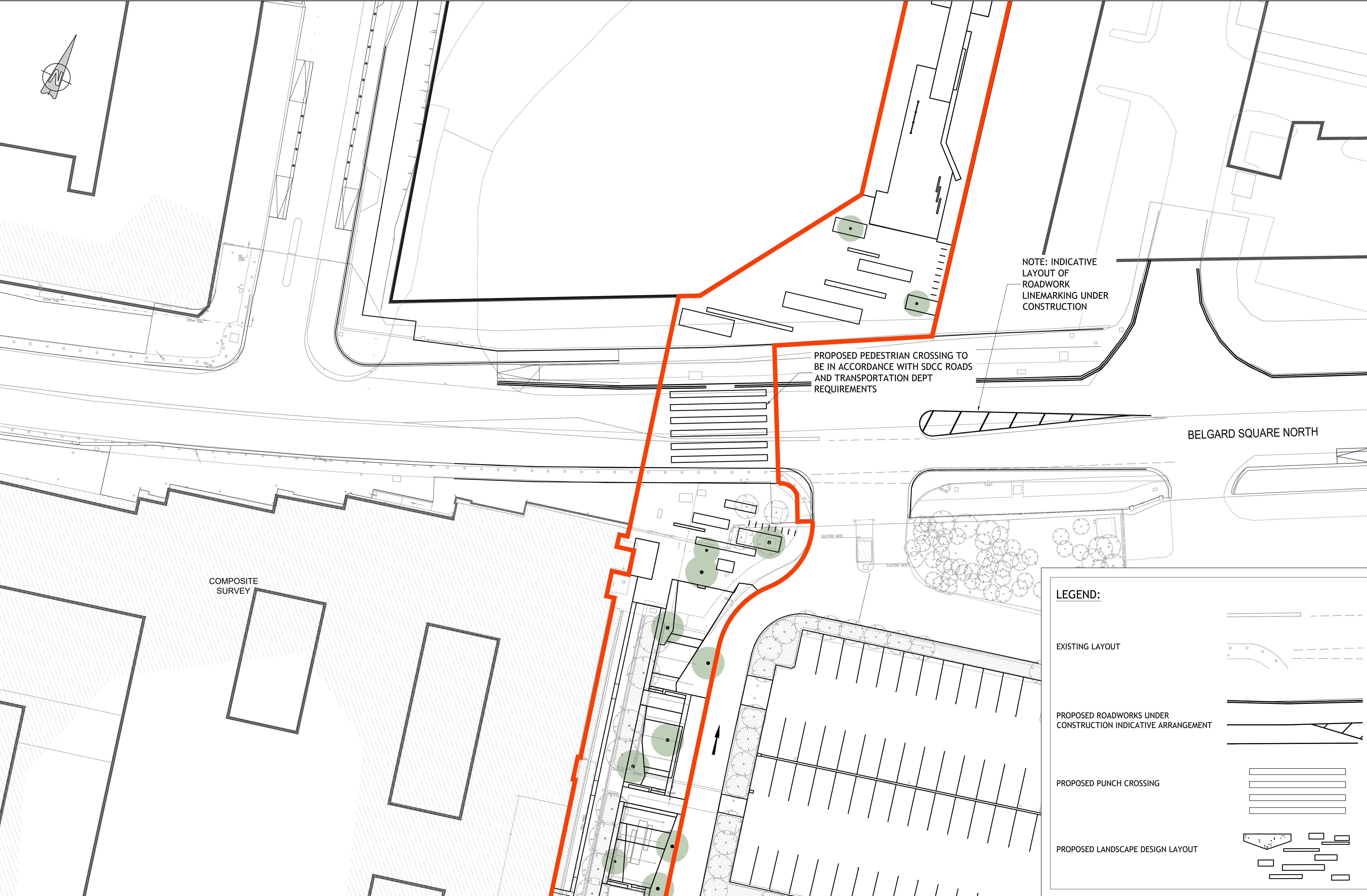


Rev	Amendment	By	Date
PL0	ISSUE FOR PLANNING	DP	2020/07/24

Client:

Job: PUBLIC REALM PROJECT TALLAGHT SDCC	Stage: PLANNING
Title: SUDS LAYOUT (2 of 2)	Scale @ A1: 1:500
	Technician Check: JB
	Engineer Check: MR
Approved:	
Drawing No: 192232-004	Rev: PL0

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NOTE: INDICATIVE LAYOUT OF ROADWORK LINEMARKING UNDER CONSTRUCTION

PROPOSED PEDESTRIAN CROSSING TO BE IN ACCORDANCE WITH SDCC ROADS AND TRANSPORTATION DEPT REQUIREMENTS

BELGARD SQUARE NORTH

COMPOSITE SURVEY

LEGEND:

EXISTING LAYOUT

PROPOSED ROADWORKS UNDER CONSTRUCTION INDICATIVE ARRANGEMENT

PROPOSED PUNCH CROSSING

PROPOSED LANDSCAPE DESIGN LAYOUT

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Date Drawn: FEB 2020
Drawn By: JB
Date Issued: 2020/07/24
Issued By: DP



Rev	Amendment	By	Date
PL0	ISSUE FOR PLANNING	DP	2020/07/24

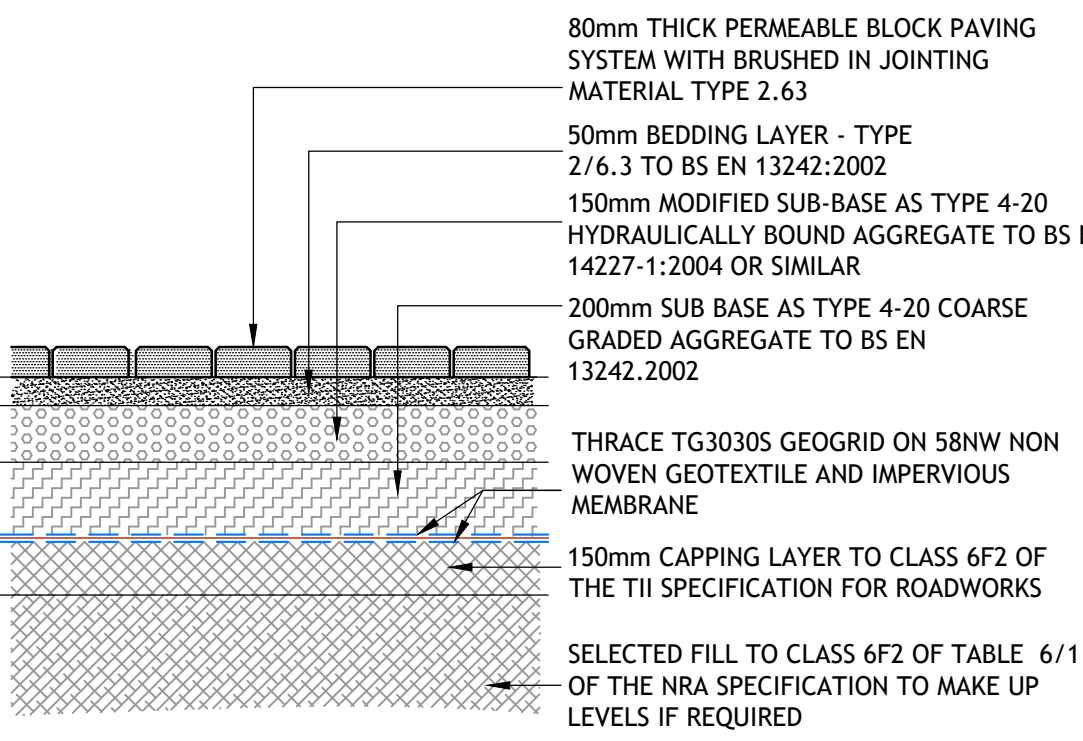
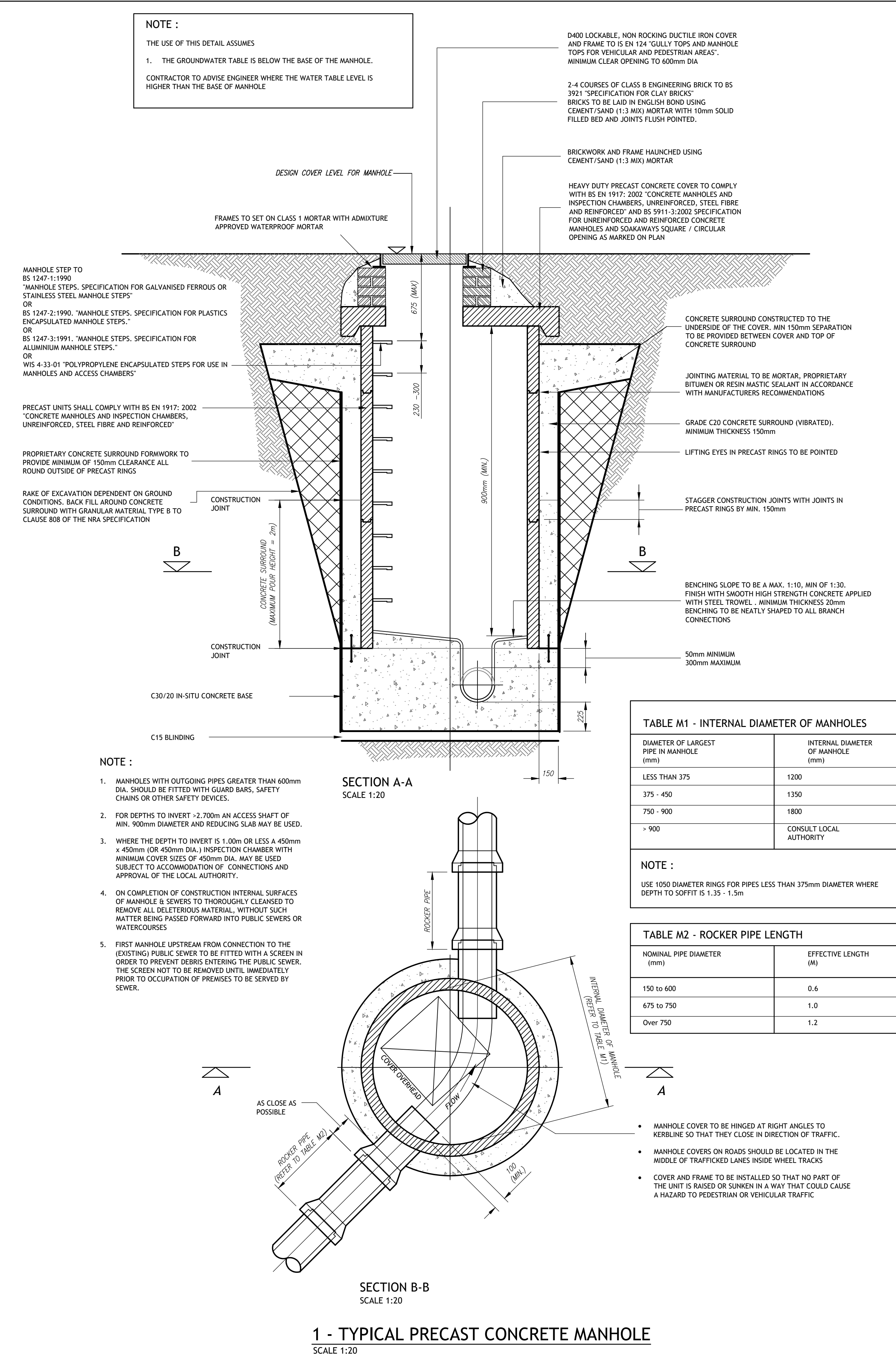
Client:

Job: PUBLIC REALM PROJECT TALLAGHT SDCC

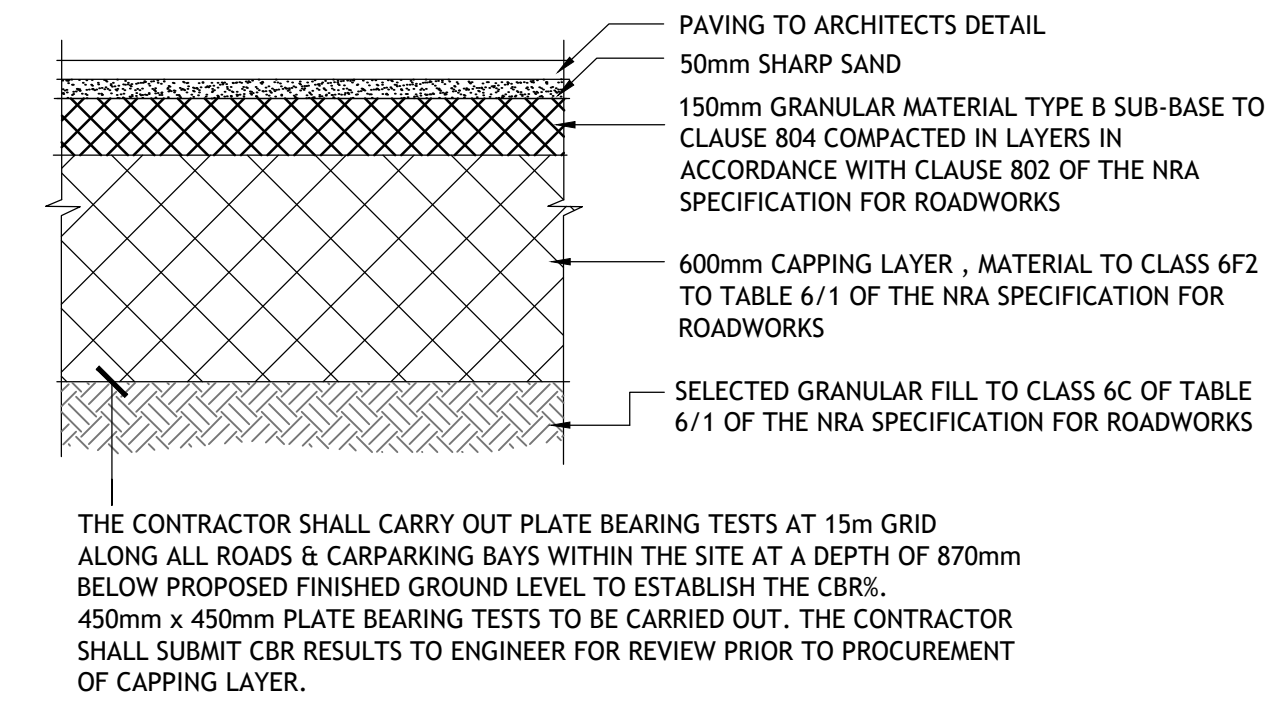
Title: PROPOSED PEDESTRIAN CROSSING LOCATION

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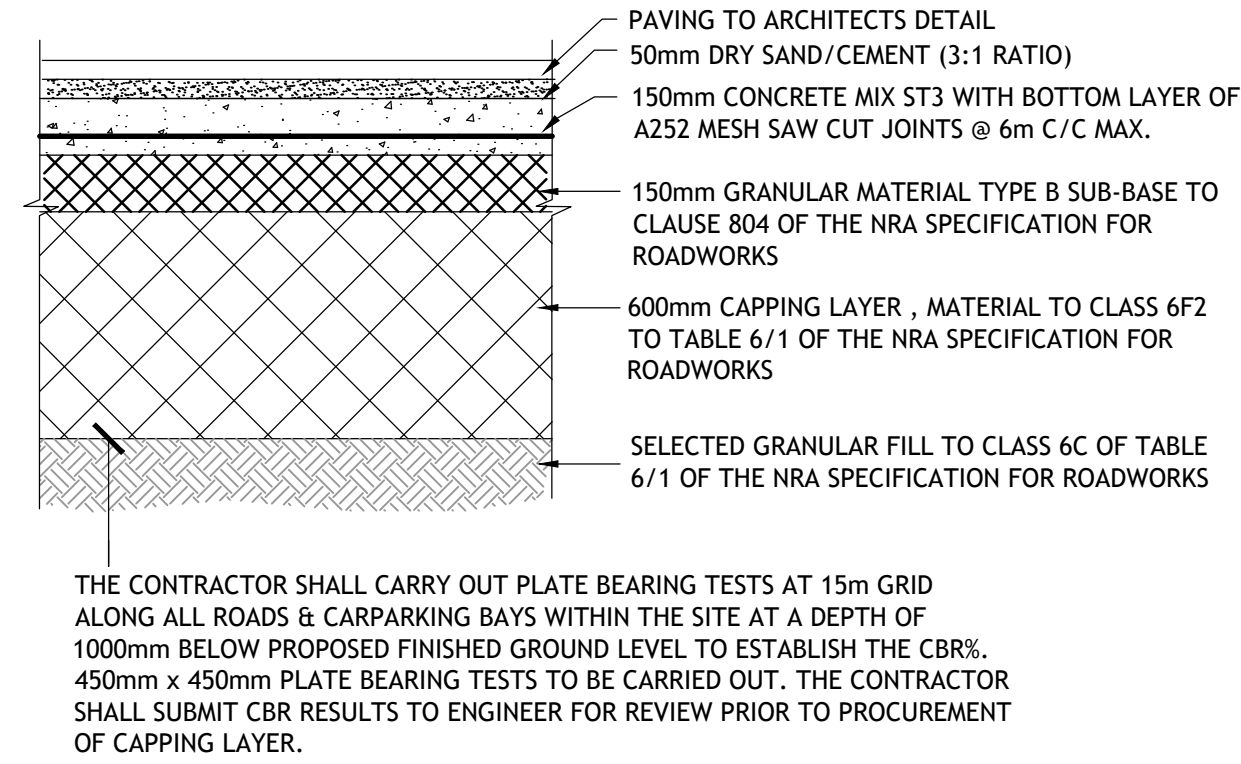
Stage: PLANNING	Rev:
Scale @ A1: 1:200	
Technician Check: JB	
Engineer Check: MR	
Approved:	
Drawing No: 192232-005	PL0



TYPICAL SECTION THROUGH PERMEABLE PAVING PARKING BAY BUILD UP
WITH CBR OF 3%
SCALE 1:20



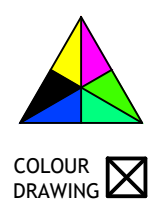
TYPE 3 PAVEMENT (NON-TRAFFICKED AREAS)
SCALE 1:20



TYPE 4 PAVEMENT (TRAFFICKED AREAS)
SCALE 1:20

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Drawn By: DAP
Date Issued: 2020/07/24
Issued By: DP



Rev	Amendment	By	Date
PL0	ISSUE FOR PLANNING	DP	2020/07/24

Client:

Job: PUBLIC REALM PROJECT TALLAGHT SDCC

Title: TYPICAL DETAILS

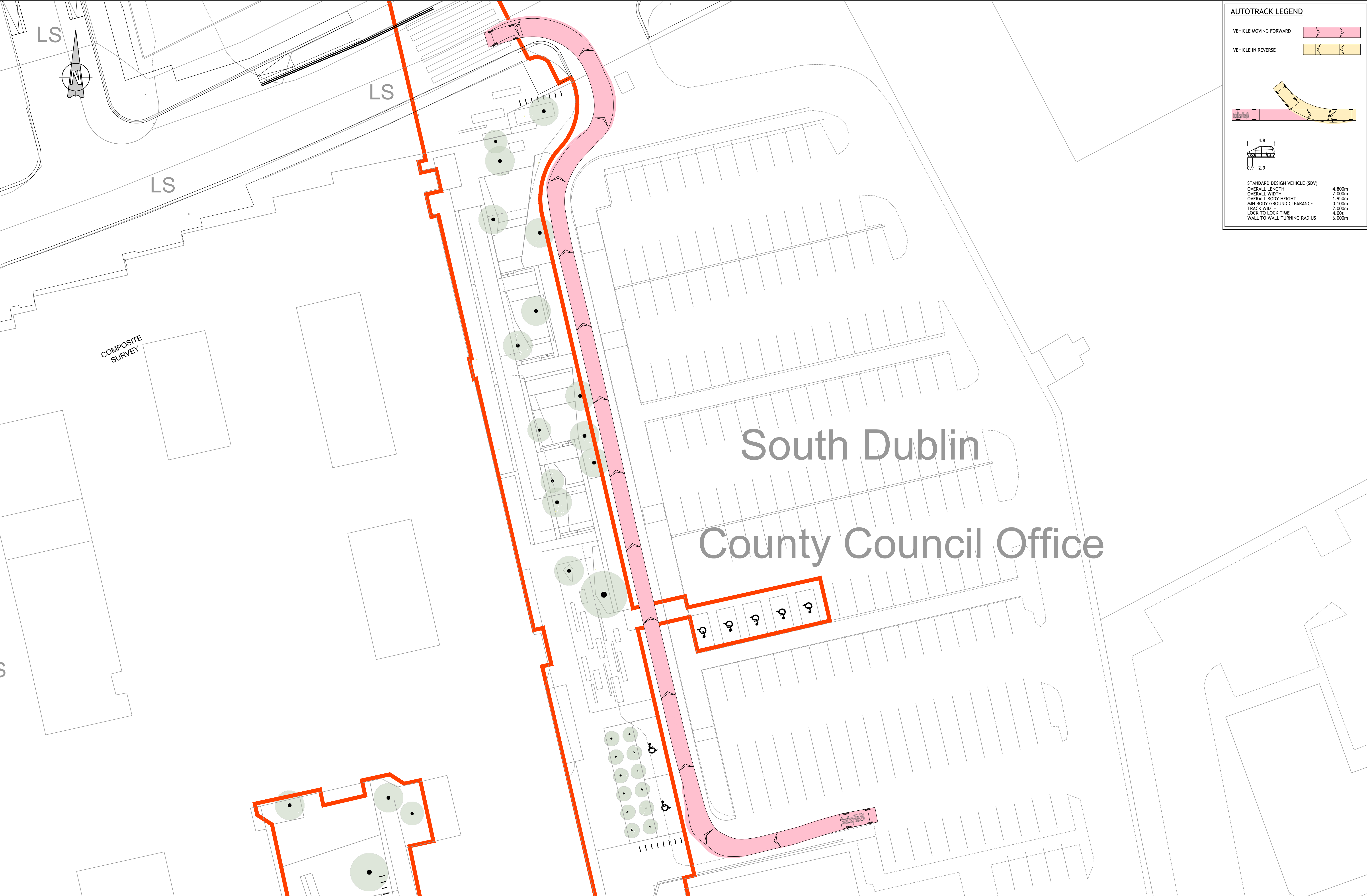
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Stage: PLANNING
Scale @ A1: AS SHOWN
Technician Check: JB
Engineer Check: MR
Approved:
Drawing No: 192232-006
Rev: PL0



AUTOTRACK LEGEND

VEHICLE MOVING FORWARD

VEHICLE IN REVERSE

STANDARD DESIGN VEHICLE (SDV)

OVERALL LENGTH

OVERALL WIDTH

OVERALL BODY HEIGHT

MIN BODY GROUND CLEARANCE

TRACK WIDTH

LOCK TO LOCK TIME

WALL TO WALL TURNING RADIUS

4.800m

2.000m

1.950m

0.100m

2.000m

4.00s

6.000m