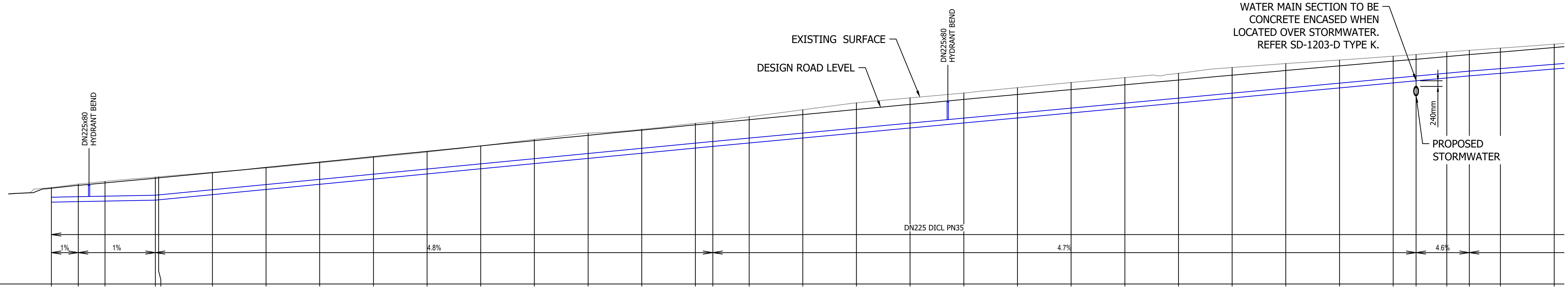


WATER INVERT LEVEL	621.800	621.825	621.850	621.897	621.912	622.152	622.392	622.632	622.872	623.112	623.352
ROAD DESIGN LEVEL	622.449	622.582	622.695	622.911	622.926	623.165	623.411	623.661	623.911	624.161	624.410
ROAD DESIGN DEPTH TO INVERT	0.649	0.757	0.845	1.014	1.014	1.014	1.019	1.029	1.039	1.049	1.059
EXISTING SURFACE LEVEL	622.480	622.636	622.763	622.962	622.974	623.182	623.385	623.626	623.875	624.128	624.412
COVER TO EXISTING SURFACE	0.68	0.811	0.913	1.065	1.063	1.03	0.993	0.994	1.003	1.016	1.06
COVER TO ROAD DESIGN SURFACE	0.649	0.757	0.845	1.014	1.014	1.014	1.019	1.029	1.039	1.049	1.059
CHAINAGE	0.000	2.511	5.000	9.690	10.000	15.000	20.000	25.000	30.000	35.000	40.000

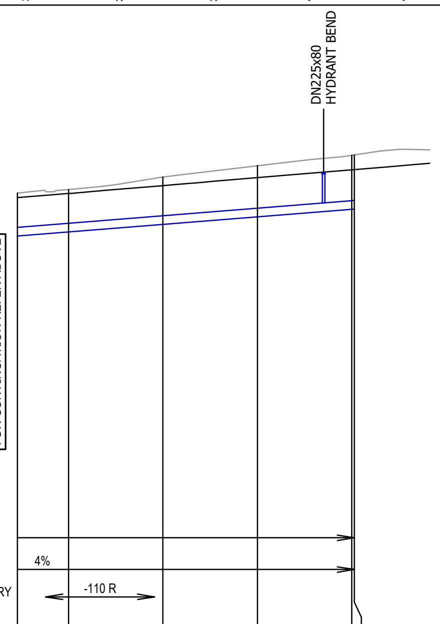
WATER INVERT LEVEL	623.592	623.832	624.072	624.312	624.390	624.547	624.779	625.012	625.244	625.477	625.709
ROAD DESIGN LEVEL	624.658	624.904	625.148	625.390	625.468	625.630	625.868	626.104	626.337	626.569	626.798
ROAD DESIGN DEPTH TO INVERT	1.067	1.073	1.076	1.078	1.079	1.083	1.089	1.092	1.093	1.092	1.089
EXISTING SURFACE LEVEL	624.715	625.001	625.183	625.463	625.550	625.764	626.092	626.410	626.643	626.868	627.118
COVER TO EXISTING SURFACE	1.123	1.17	1.111	1.151	1.16	1.218	1.312	1.398	1.399	1.391	1.409
COVER TO ROAD DESIGN SURFACE	1.067	1.073	1.076	1.078	1.079	1.083	1.089	1.092	1.093	1.092	1.089
CHAINAGE	45.000	50.000	55.000	60.000	61.622	65.000	70.000	75.000	80.000	85.000	90.000

WATER INVERT LEVEL	625.942	626.174	626.407	626.639	626.872	627.104	627.337	627.436	627.568	627.664	627.780	627.980
ROAD DESIGN LEVEL	627.026	627.251	627.474	627.695	627.914	628.132	628.347	628.438	628.561	628.650	628.773	628.983
ROAD DESIGN DEPTH TO INVERT	1.084	1.077	1.067	1.056	1.043	1.028	1.01	1.002	0.993	0.986	0.993	1.003
EXISTING SURFACE LEVEL	627.358	627.586	627.785	628.055	628.234	628.396	628.579	628.655	628.775	628.850	628.955	629.138
COVER TO EXISTING SURFACE	1.417	1.412	1.378	1.416	1.362	1.292	1.242	1.219	1.207	1.186	1.175	1.158
COVER TO ROAD DESIGN SURFACE	1.084	1.077	1.067	1.056	1.043	1.028	1.01	1.002	0.993	0.986	0.993	1.003
CHAINAGE	95.000	100.000	105.000	110.000	115.000	120.000	125.000	127.133	130.000	132.091	135.000	140.000

KINGSFORD SMITH DR - LONGITUDINAL SECTION 001
PROPOSED DN225 DICL PN35 WATER MAIN
SCALE H 1:200, V 1:100

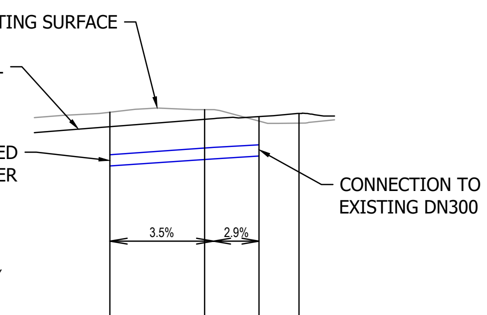
FOR CONTINUATION REFER BELOW LEFT

FOR CONTINUATION REFER ABOVE



WATER INVERT LEVEL	628.380	628.580	628.780	628.980	628.986
ROAD DESIGN LEVEL	629.394	629.604	629.815	630.024	630.029
ROAD DESIGN DEPTH TO INVERT	1.014	1.024	1.035	1.043	1.043
EXISTING SURFACE LEVEL	629.497	629.832	630.131	630.404	630.414
COVER TO EXISTING SURFACE	1.117	1.251	1.351	1.424	1.428
COVER TO ROAD DESIGN SURFACE	1.014	1.024	1.035	1.043	1.043
CHAINAGE	150.000	155.000	160.000	165.000	165.133

KINGSFORD SMITH DR - LONGITUDINAL SECTION 001
PROPOSED DN225 DICL PN35 WATER MAIN
SCALE H 1:200, V 1:100



WATER INVERT LEVEL	628.987	629.163	629.251	
ROAD DESIGN LEVEL	630.029	630.226	630.293	630.378
ROAD DESIGN DEPTH TO INVERT	1.042	1.063	1.042	
EXISTING SURFACE LEVEL	630.414	630.479	630.176	630.120
COVER TO ROAD DESIGN SURFACE	0.703	0.724	0.703	
COVER TO EXISTING SURFACE	1.088	0.977	0.586	
CHAINAGE	0.000	5.000	7.886	10.000

KINGSFORD SMITH DR - LONGITUDINAL SECTION 002
PROPOSED DN300 DICL PN35 WATER MAIN
SCALE H 1:200, V 1:100

NOTE
FOR GENERAL NOTES AND LEGEND REFER
SMEC DRAWING No. 30002750-WS-001

0 4 8 12 16 20m
SCALE 1:200

DESIGN

No.	REVISION	DATE	ENG CHECKED	VERIFIED	DESIGN AUTH
F	ICON WATER RESUBMISSION	07.05.2024	A.L.	A.C.	
E	ICON WATER RESUBMISSION	30.11.2023	A.L.	A.C.	
D	ISSUE FOR APPROVAL	11.11.2022	A.L.	A.C.	
C	ISSUE FOR APPROVAL	16.09.2022	A.L.	A.C.	

ACT Government
Transport Canberra and City Services

SMEC
Member of the Surbana Jurong Group
© ABN 47 065 475 149
LEVEL 9, 12 MOORE STREET
CANBERRA CITY ACT 2601 AUSTRALIA
SMEC PROJECT No 3002750

icon WATER

Drawn: N.BROOKE-TAYLOR
Designed: M. HOSSEINI
Checked: A.CHANDRA
Project Manager: T. VAN NIEKERK
Contractor's Drawing No.: 3002750-WS-021
Icon Water Concurred:
Icon Water Design Authority:

WILLIAM HOVELL DRIVE DUPLICATION
PROPOSED DN225 WATER MAIN, LONGITUDINAL SECTION (cont)
DN225 AND DN300 WATER MAIN CROSS SECTIONS

Scale: AS SHOWN
Date:
Sheet No.:
Project No.: AS SHOWN
Tender No.: DR

A1 3002750-WS-021 Rev F

Date Plotted: 7/05/2024 Plot Style: Water.ctb Plotted by: Nick BROOKE-TAYLOR CADD File Name:V:_Vault\Projects\3002750\CAD\DWG\08_Icon_Water\3002750-WS-021.dwg