LOCALITY PLAN NOT TO SCALE

Schedule 7: Drawing Schedule

TBM No. LOCATION

4 LOT 215

LOT 209 3 BORDEN DRIVE

Drawing No.	Sheet No.	Title
LND/18/01017-S1	1	Locality Plan, Schedules & Notes
LND/18/01017-S2	2	Detail Plan
LND/18/01017-S3	3	Longitudinal Sections
LND/18/01017-S4	4	Longitudinal Sections

MELWAYS: 233 J12



WARNING

BEWARE OF UNDERGROUND SERVICES

THE LOCATION OF UNDERGROUND SERVICES ARE APPROXIMATE ONLY AND THEIR EXACT POSITION SHOULD BE PROVEN ON SITE. NO GUARANTEE IS GIVEN THAT ALL EXISTING SERVICES ARE SHOWN.

CONTRACTOR TO VERIFY EXISTING SERVICES CONNECTION LEVELS PRIOR TO CONSTRUCTION. ANY DISCREPANCIES MUST BE IMMEDIATELY IDENTIFIED AND THE SUPERINTENDENT NOTIFIED PRIOR TO CONSTRUCTION COMMENCING.

TBM LOCATION TABLE										
EASTING	NORTHING	TYPE	RL (AHI							
290032.40	5805905.90	STAR PICKET	42.38							
290122.41	5805950.60	STAR PICKET	42.18							

290044.72 5805821.38 RIVET IN KERB

General Notes:

- Only contractors accredited by City West Water to SC1 and SC7 shall be eligible to construct these works
- Only products approved and catalogued by the Water Agency shall be used.
- 3. Works must be constructed according to the MWA edition of the WSA Sewerage Code of Australia WSA 02-2014-3.1
- The design consultant is responsible for the design and coordination of the works. Any problem arising during construction shall be directed to the consultant.

Survey, Set Out and Asset Recording:

- All contours and levels are in metres to the Australian Height Datum
- All co-ordinates shown are to Map Grid of Australia (MGA).
- Chainages shown on detail plans are discontinuous at access chambers. Chainages shown on long section sheets are continuous.
- Coordinates are to sewer line intersection point unless otherwise
- Before commencement of work, the contractor must complete a level check between all TBM's to verify level values.
- 10. TBM's and control points are to be maintained and protected at all times during construction.
 - Should any marks be disturbed, the contractor will immediately notify the consultant to arrange re-instatement at the contractors expense
- 11. Cover levels of maintenance holes, maintenance shafts maintenance chambers and inspection shafts shall be level with and conform to slope and cross fall of the finished surface. Finished surface levels shown on sections are approximate only and shall not be used for fixing of cover levels. The civil (Main) contractor shall provide levels for covers which comply with constructed levels of abutting infrastructure.

Property Connections

- 12. Number of lots to be sewered: 26 lots
- 13. Properties requiring boundary traps are indicated in the detailed plans. The remainder do not require boundary traps.
- Branch tie distance shown on detail plan are from approved subdivision survey pegs. Branch ties for future lots are shown as a chainage. (Ch) Distance is from the downstream sewer structure.
- 15. Invert level of the property connection point is shown opposite the branch position
- Where a Spur Branch connects to a shaft, both property connections are considered to be shaft connections

Earthworks and Retaining Walls:

- 17. In areas subject to earthworks, construction of sewers shall not commence until earthworks has been completed unless written approval has been given by the Water Authority.
- 18. Assumed that ground level behind retaining wall is to the top of the retaining wall. FSL quoted is the level of the ground on the low side of the retaining wall.

19. Embedment shall be Type A (refer MRWA-S-202) unless otherwise specified on the long section.

41.66

- 20. Selection and compaction of trench backfill material shall be in accordance with the MRWA backfill specification 04-03.2. Backfill should comply with Geotechnical report by Cardno Geosciences and Environment (Ref V171855 Dated September 2018) Titled Geotechnical Investigation for Proposed Residential Subdivision.
- 21. Backfilling shall comply with MRWA Specification 04-03.2 and Wyndham City Council Standard.
- 22. Refer to Long Section drawings for backfill requirements.
- 23. Test results shall be provided to the superintendent prior to practical completion / acceptance of works.
- 24. The contractor is required to undertake all testing of fill compaction in accordance with MRWA Backfill Specification 04-03.2.

Work on Live Sewers:

- 25. All works on live sewers must be carried out by a water company accredited contractor
- 26. All existing sewers must be plugged to stop gas emissions prior to

any connections being made to these sewers.

- 27. To enable connections to live assets or any work on live assets, the contractor shall submit the appropriate forms to the superintendent at least 3 working days prior to any works on live sewers.
- 28. The contractor is not permitted to break into an existing live pipeline, enter a live sewer or remove the cover to a live maintenance structure unless authorised by the water company.

- 29. Prior to commencement of works on site, the contractor must ensure that all matters relating to the Occupational Health and Safety Act 2004 and Occupational Health and Safety Regulations 2017, have been and will be complied with.
- 30. The contractor shall ensure that all persons employed on the site wear approved safety apparel including safety helmets, vests, boots, eve and ear protection where appropriate.
- The contractor shall comply with clause 15 of AS 4000 -1997 ensuring the safety of all affected property.

32. The contractor is to give a minimum of two (2) days notice to the Superintendent and water agency prior to the testing being undertaken. Testing is to be undertaken in the presence of Superintendent.

Cultural Heritage Requirements:

33. The contractor is to keep a copy of the approved cultural heritage management plan on site at all times during works.

Environmental Management Plan:

- 34 On commencement of construction works the contractor must comply with the recommendations of the EPA publication "construction techniques for sediment pollution control" (publication no 275 1991).
- 35. Prior to the commencement of work, the contractor is to submit a site environmental management plan to Melbourne Water.
- 36. All trees and vegetation are to be protected unless otherwise indicated for removal.
- The extent of any vegetation removal shall be confirmed on site with the Superintendent and local council prior to commencement, and in accordance with any planning permits. Any removal shall be
- 37. All areas containing creek vegetation, trees and revegetated areas near the construction zone are to be fenced off during the works with secure and highly visible material such as para-webbing fencing.
- 38. Ensure all machinery, equipment and/or footwear entering the site is weed and pathogen free.

Pipe Size	Pipe Type	Length (m)	Pipe Class	Standard	
DN100	UPVC-DWV	Property Branches	SN10	WSA PS 230	
DN100	UPVC-DWV	51 (Spur Branch)	SN10	WSA PS 230	
DN150	UPVC-DWV	323	SN8	WSA PS 230	
DN225	UPVC-DWV	15	SN8	WSA PS 230	

Schedule 2: Property Connections

Connection	Type	Jump Up Flexible								
Type	1a	1b	2	4a	4b	S	4S	B	4B	Couplings, ie: "F"
Quantities	-	-	18	4	-	5	-	-	-	-

Schedule 3: Service Offsets and Locations:

Street	Gas		Wa	Water		NDW		Telecom.		Elec.		Lighting	
Bursa Drive	W	5.60	W	6.90	W	6.20	Ε	1.85	Е	2.45	1.00	BOK	
Bursa Drive	W	2.10	W	3.05	W	2.55	Е	1.85	Е	2.60	1.00	BOK	
Atisha Street	N	2.10	N	3.05	N	2.55	S	1.85	S	2.60	1.00	BOK	
Tara Crescent	W	2.10	W	3.05	W	2.55	Е	1.85	Е	2.60	1.00	BOK	
Tara Crescent	W	2.10	N	3.05	N	2.55	S	1.85	S	2.60	1.00	BOK	
Ex. Borden Drive		-		-		-	S	Ex. 3.25		-	-	-	
Oshawa Lane		-		-		-		-	S	1.10	-	-	

Schedule 4: Maintenance Structures (other than Maintenance Holes)

inspection sharts (13), ivalification sharts (wis) and ivalification contained sharts (wis).										
Maintenance Structure ID	Type - (IS/MS/MC)	Cover Class	Depth to Invert (mm)	Shaft Connections	Comments/ References (Offsets/Details)					
Ex. WBW74-2MC	EX. MC	-	4260	-	Adjust cover to FS level					
Ex. WBW74-1MC	EX. MC	-	4054	-	Adjust cover to FS level					
PLG2-2MS	MS	В	2358	1	-					
PLG2-3MS	MS	В	2363	-	-					
PLG2-3IS	IS	В	1530	1	-					
PLG2-4IS	IS	В	1749	1	-					
PLG2-5MS	MS	В	2141	1	-					
PLG2-6MC	MC	В	3636	-	-					

Schedule 5: Maintenance Holes

	MH Shaft Type (GRP/PP (Plastic) / Concrete)	MH Top Type (Conical/Flat)	Cover Class	I	-	Depth to Invert (mm)	Drops	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	Corrosion Protection (Coating / PE or PVC Lining)	Shaft Re-inforcement	Comments (Offsets / Details)
PLG2-1	Concrete	Conical	В	1050	150	3346	1 X DN100 1 X DN150	s	None	-	Refer MH Details

Schedule 6: Water Seals, Boundary Traps and Syphons

Structure Type	Boundary Trap	Water Seals	Syphons
Quantity	-	-	-

Schedule 7: Cover Level Alterations

Maintenance Hole/Structure	Existing Cover Level	Finished Cover Level			
Ex. WBW74-1MC	40.52	41.28			
Ex. WBW74-2MC	41.10	41.70			

FOR CONSTRUCTION

									DESIGNED	S.HOSSAIN DATE: 05.11.2018	CARDNO REFERENCE	V171855-2-CI-2000	7 iii 1 iigiito 1 toooi 100.
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CITY WEST WATER PARKLANE GARDENS - STAGE 2 SEWERAGE RETICULATION EXTN. No. LND/18/01017 GENERAL NOTES, LOCALITY PLAN

SCALE: N.T.S. SHEET: 1 OF 4 DRAWING No.: LND/18/01017-S1 С

AND SCHEDULES

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