

		SURVEY CONTROL POINTS		
POINT	EASTING	NORTHING	RL (AHD)	DESCRIPTION
C9SSPL	293237.37	5800882.04	18.22	STEEL STAR PICKET
C40SSPL	293242.18	5800884.63	18.26	STEEL STAR PICKET
C21RVTCL	293266.31	5801094.97	18.55	RIVET
C22RVTCL	293276.24	5801175.39	18.62	RIVET
C39SSPL	293350.40	5801101.06	18.21	STEEL STAR PICKET
C26RVTKL	293354.13	5801168.79	19.10	RIVET
C10SSPL	293484.83	5800898.68	17.92	STEEL STAR PICKET
C41SSPL	293524.55	5800949.00	17.61	STEEL STAR PICKET
C3PM39L	293233.84	5800809.86	18.08	PERMANENT MARK

WARNING
BEWARE OF UNDERGROUND SERVICES
The locations of underground services are approximate only an their exact position should be proven on site. No guarantee is given that all existing services are shown.
ocate all underground services before commencement of work DIAL 1100 BEFORE YOU DIG
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WARNING SAFETY MEASURES REQUIRED lease note there are risks attached to the construction of

this project, and any ongoing maintenance of structures. onsider the safety of all. For potential risks, consequences and controls refer to Safety In Design Risk Register SID P4.E6. 2120E-01-85 ASSESS THE RISK - STAY SAFE

AS CONSTRUCTED PLANS

The purpose of these as-constructed plans is to update the design drawings to show significant changes which occurred during construction. Note that the levels shown on these plans are design levels, and have not been verified by survey. All information shown on these plans should be verified on site. SMEC Australia Pty Ltd accept no responsibility for loss or damages resulting from the inappropriate usage of these plans.





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All setting out should be carried out in accordance with MPA/Council's

standard drawings or as nominated on hard copy plans provided by

SMEC. Any digital information supplied by this office is for information

TITLE DRAFTER DESIGNER CHECKED UTHORISE EFEREN(

REFEREN

AS CONSTRUCTED

DWG PATH: V:_Vault\Projects_Urban\2053E-85-109 Farm Road, Werribee\2053E-02A\Dwgs\2053E-02A-01.dwg PRINTED BY: SS20207 on 09/08/2021 at 09:59:04 AM

85-109 Farm Road Stage 02A

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2053E-02A-00 2053E-02A-09 2053E-02A-10	Drainage Longitudinal Sections - 2 Drainage Longitudinal Sections - 3
2053E-02A-11	Pit Schedule
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20000 02/100	

	NAME
	H.Ehsani
	N.Green
	L.Veiyra
Ð	L.Veiyra
E No. 1	
E No. 2	



SCALE AS SHOWN AT A1



Member of the Surbana Jurong Group (C) ABN 47 065 475 149 Tower 4, Level 20, 727 Collins Street Docklands, VIC 3008 Ph 03 9514 1500



GENERAL NOTES (WYNDHAM CITY COUNCIL)

- 1. THE WORKS SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE CURRENT EDCM ADDENDUM STANDARD DRAWINGS AND SPECIFICATIONS. WORKS TO BE CARRIED OUT TO THE SATISFACTION OF COUNCIL'S SUPERVISING OFFICER.
- 2. THE CONTRACTOR IS RESPONSIBLE FOR SAFETY OF WORK ON SITE IN ACCORDANCE WITH APPROPRIATE LEGISLATION. THE CONTRACTOR SHALL ERECT AND MAINTAIN ALL SHORING, PLANKING AND STRUTTING, DEWATERING DEVICES, BARRICADES, SIGNS, LIGHTS, ETC. NECESSARY TO KEEP WORKS IN A SAFE AND STABLE CONDITION, AND TO PROTECT THE PUBLIC FROM HAZARDS ASSOCIATED WITH THE WORKS. THE CONTRACTOR SHALL:
- 3.1. COMPLY WITH THE SAFETY REQUIREMENTS OF THE MINES ACT, GENERAL REGULATIONS AND STATUTORY RULES, AND THE MINES (TRENCHES) REGULATIONS 1982.
- NOTIFY THE OCCUPATIONAL HEALTH AND SAFETY AUTHORITY OF HIS INTENTION TO COMMENCE TRENCHING 3.2 OPERATIONS WHERE TRENCHES ARE 1.5 METRES OR DEEPER. ENSURE THAT THE MINE MANAGER OR HIS DEPUTY AS REQUIRED BY THE REGULATIONS IS IN ATTENDANCE 3.3.
- WHEN TRENCHING OPERATIONS ARE IN PROGRESS. 4. THE CONTRACTOR IS TO NOTIFY COUNCIL AND ALL SERVICE AUTHORITIES SEVEN (7) DAYS PRIOR TO
- COMMENCEMENT OF CONSTRUCTION. 5. THE LOCATION OF EXISTING SERVICES SHOULD BE DETERMINED BY THE CONTRACTOR PRIOR TO COMMENCING ANY EXCAVATION BY CONTACTING ALL RELEVENT SERVICE AUTHORITIES. ANY EXISTING SERVICES SHOWN ON THE DRAWINGS ARE OFFERED AS A GUIDE ONLY AND ARE NOT GUARANTEED AS CORRECT.
- 6. TREES MARKED ON THE APPROVED PLANS FOR REMOVAL MUST BE REMOVED FROM THE SITE PRIOR TO THE COMMENCEMENT OF WORKS. NO EXCAVATION SHALL BE CARRIED OUT WITHIN 5.0m OF ANY EXISTING TREE UNTIL APPROVAL HAS BEEN GIVEN BY COUNCIL'S SUPERVISING OFFICER.
- 7. ALL ROAD CHAINAGES ARE MEASURED ALONG THE ROAD CENTRELINE EXCEPT KERB RETURNS AND COURTHEADS, WHERE LIP OF KERB CHAINAGES ARE SPECIFIED. ALL DIMENSIONS AND RADII ARE GIVEN TO THE LIP OF KERB. DO NOT SCALE OFF THESE DRAWINGS, WRITTEN DIMENSIONS ONLY SHALL BE USED.
- 8. CONDUIT LOCATIONS ARE SUBJECT TO AMENDMENT AND CONDUITS SHALL NOT BE LAID UNTIL WRITTEN APPROVAL IS GIVEN BY THE SUPERINTENDENT. BOTH KERBS ARE TO BE MARKED WITH THE LETTERS E,G,H,R,T&W ABOVE CONDUIT LOCATIONS AS SPECIFIED. RESPECTIVE LETTERS TO BE INDICATED ABOVE RELEVANT CONDUITS AS PER STANDARD DRAWING EDCM 303. CONDUITS TO BE PLACED MINIMUM OF 5m FROM BOUNDARIES WHERE POSSIBLE AND TO THE SATISFACTION OF THE SUPERINTENDENT IN ACCORDANCE WITH COUNCIL STANDARD DRAWINGS. 9. SUBSOIL DRAINS SHALL BE INSTALLED BEHIND OR BELOW ALL KERB AND CHANNEL AS PER STANDARD DRAWINGS EDCM 202 (EXPANSIVE SUBGRADE).
- 10. ALL LINEMARKING, SIGNING AND TRAFFIC CONTROL DEVICES TO BE IN ACCORDANCE WITH VICROADS REQUIREMENTS WITH LATERAL WORKS AND ARROWSBEING COLD APPLIED PLASTIC TROWELLED INTO PLACE (MATERIAL DEGAOUR OR PLASTELINE) AND LONGITUDINAL LINES BEING EXTRUDED THERMOPLASTIC MATERIAL (VICROADS SPECIFICATION SEE SECTION 710&722). 11. ALL LEVELS ARE TO AUSTRALIAN HEIGHT DATUM.
- 12. THE CONTRACTOR WHEN ENGAGED IN BLASTING OPERATION, SHALL NOT BLAST WITHIN 4.5m OF AN EXISTING LINE OF WATER, GAS OR SEWER PIPES OR WITHIN 15m OF ANY COMPLETED PART OF THE WORKS WITHOUT THE CONSENT OF THE ENGINEER.
- 13. ALL EXCAVATED OR FILLED AREAS OUTSIDE THE ROAD RESERVES SHALL BE SURFACED WITH A 100mm MINIMUM TO 200mm MAXIMUM LAYER OF TOPSOIL AS SPECIFIED. ALL FILLING ON ALLOTMENTS TO BE COMPACTED TO 95% STANDARD COMPACTION IN 150mm LAYERS AND AS PER THE SPECIFICATION. WHERE THERE IS FILL IN EXCESS OF 300mm IN DEPTH. THE CONTRACTOR IS TO CARRY OUT SOIL TESTS TO THE REQUIREMENTS OF APPENDIX B AS SPECIFIED IN THE AUSTRALIAN STANDARD AS 3798 TO SHOW THAT LEVEL 1 COMPACTION STANDARDS HAVE BEEN ACHIEVED. TEST RESULTS AND LOCATION OF TESTS FOR EACH ALLOTMENT SHALL BE APPROVED BY THE CONTRACTOR AND FORWARDED TO COUNCIL.
- 14. FILL MATERIAL USED UNDER PAVEMENTS AND FOOTPATHS MUST BE AN APPROVED MATERIAL TO THE STANDARD OF WYNDHAM CITY COUNCIL. ALL SUCH MATERIAL IS TO BE COMPACTED AS PER THE REQUIREMENTS OF THE SPECIFICATION APPROVED WITH THESE DRAWINGS PRIOR TO FORMWORK BEING PLACED. COMPACTION TESTS TO BE COMPLETED AND PROVIDED TO SUPERINTENDENT.
- FILL & CUT BATTERS ARE NOT TO EXCEED 1 in 6 SLOPE, UNLESS SHOWN OTHERWISE. 16. ALL ALLOTMENTS SHALL BE SMOOTHED, GRADED AND SHAPED TO AN EVEN SURFACE WITH A MINIMUM FALL OF 1 in 150 TO THE DRAINAGE OUTLET SHOWN
- 17. ALL DRAINAGE PIPES ARE CLASS 2 RCP PIPES, RUBBER RING JOINTED UNLESS OTHERWISE SPECIFIED.
- 18. DRAINAGE PITS SHALL BE CAST MONOLITHICALLY. CEMENT RENDER SHALL ONLY BE USED TO REPAIR DEFECTS. 19. BACKFILLING OF TRENCHES WHERE DRAINAGE AND SEWERAGE ARE IN CLOSE PROXIMITY ARE TO BE BACKFILLED AS PER WYNDHAM CITY COUNCIL STANDARD DRAWING SD6-10.
- 20. ALL SERVICING TRENCHES UNDER ROADS, FOOTPATHS, DRIVEWAYS, PARKING BAYS ETC. ARE TO BE BACKFILLED WITH CLASS 2 F.C.R.
- 21. ALL HOUSE DRAIN CONNECTIONS ARE TO BE LOCATED NO CLOSER THAN 5.00m FROM THE SIDE BOUNDARY. 22. INVERT OF PROPERTY INLETS TO BE 500mm MINIMUM BELOW FINISHED SURFACE UNLESS NOTED OTHERWISE.
- 23. VEHICLE CROSSINGS TO BE CONSTRUCTED IN ACCORDANCE WITH STANDARD DRAWINGS EDCM 501 TO 503. DRIVEWAYS TO BE LOCATED MIN 0.75m FROM BUILDING LINE UNLESS SPECIFIED OTHERWISE AND CLEAR OF DRAINAGE PITS, SEWER MAINTENANCE HOLES AND EXISTING TREES. DOUBLE DRIVEWAY WIDTH TO BE 7.0m AT FRONT OF PATH/BUILDING LINE.
- 24. ADDITIONAL AND OVER-EXCAVATION SHALL BE BACKFILLED IN ACCORDANCE WITH THE PROVISIONS OF THE SPECIFICATION. 25. FOOTPATH CROSSFALL TO BE 1:50
- 26. ALL FOOTPATHS AND SHARED PEDESTRIAN/BICYCLE PATHS ARE TO BE CONSTRUCTED AS PER CITY OF WYNDHAM SPECIFICATIONS AND MPA STANDARD DRAWINGS EDCM 401 TO 403.
- 27. ALL EXOTIC (NON NATIVE) TREES AND SHRUBS, INCLUDING DEAD TREES, NOT SHOWN ON THE DRAWINGS BUT LOCATED WITHIN THE WORKS ARE TO BE REMOVED AND DISPOSED OFFSITE
- 28. INSTALL BLUE RAISED REFLECTIVE PAVEMENT MARKER (BRRPM) ON ROAD CENTRELINE AND "GROUND BALL" MARKER POST TO INDICATE LOCATION OF FIREPLUG. 29. THE CONTRACTOR IS TO ENSURE THAT THEIR CONSTRUCTION PROCEDURES AND STANDARDS CONTROL THE
- VOLUME AND LOCATION FOR COLLECTION OF SEDIMENT RUNOFF ACCORDING TO CURRENT EPA ENVIRONMENTAL GUIDELINES FOR MAJOR CONSTRUCTION SITES. 30. UPON COMPLETION OF CONSTRUCTION THE WHOLE SITE SHALL BE CLEANED UP, GRADED AND ALL RUBBISH
- REMOVED. THE SITE IS TO BE LEFT IN A CLEAN AND TIDY CONDITION TO THE SATISFACTION OF THE SUPERINTENDENT.
- 31. EXISTING PAVEMENT OR DRAINAGE WORKS DAMAGED DURING CONSTRUCTION OR THE MAINTENANCE PERIOD TO BE REINSTATED TO THE SATISFACTION OF THE COUNCIL ENGINEER. 32. THE LOWER SUB-BASE MATERIAL SHALL WILL BE N.D.C.R. FOR PAVEMENT MAKE UPS AS PER THE STANDARD
- DRAWINGS OF WYNDHAM CITY COUNCIL.
- 33. TOTAL LENGTH OF ROADS CONSTRUCTED IS 306 m
- TOTAL LENGTH OF DRAINS CONSTRUCTED IS 795 m

REINFORCED CONCRETE PIPE

- 1. ALL STORMWATER DRAINAGE PIPES SHALL NOT BE SUBJECTED TO CONSTRUCTION TRAFFIC LOADING DURING CONSTRUCTION UNLESS THE PIPE STRENGTH CHARACTERISTICS HAVE BEEN COMPUTED AND APPROVED BY THE
- CONTRACTORS ENGINEER. COMPUTATIONS ARE TO ACCORD WITH AS.3725-2007, LOADS ON BURIED PIPES. 2. CONCRETE PIPES DAMAGED DUE TO CONSTRUCTION LOADS SHALL BE REPLACED & RELAID AT THE CONTRACTOR'S COST

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85-109 Farm Road - Stage 2A Wyndham City Council Road and Drainage Cover Plan

MELWAYS REF PROJECT / DRAWING No. 2053E-02A-01

SHEET No. 01 of 14

REVISION

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SERVICES OFFSET TABLE											
ROAD NAME	GAS	WATER	RECYCLED WATER	ELECTRICITY	OPTIC FIBRE						
	OFFSET (m)	OFFSET (m)	OFFSET (m)	OFFSET (m)	OFFSET (m)						
HANLON STREET	2.10 W	3.10 W	2.60 W	2.50 E	1.85 E						
LUPTON STREET	2.10 W	3.10 W	2.60 W	2.50 E	1.85 E						
CASSIDY ROAD	2.10 S	3.10 S	2.60 S	2.95 N	2.35 N						
TRAMINER ROW	2.10 W	3.10 W	2.60 W	2.70 E	1.85 E						

	ROAD LAYOUT TABLE												
ROAD NAME	RESERVE	R	ROAD WIDTH (n	ו)	KERB	TYPE	VERGE WIDTH (m)						
	WIDTH (m)	LIP to LIP	INV to INV	BACK to BACK	NTH/WEST	STH/EAST	NTH/WEST	STH/EAST					
HANLON STREET	16.00	6.40	7.30	7.60	600 B2	600 B2	4.35	4.05					
LUPTON STREET	16.00	6.40	7.30	7.60	600 B2	600 B2	4.35	4.05					
TRAMINER ROW	16.00	6.40	7.30	7.60	600 B2	600 B2	4.20	4.20					
CASSIDY ROAD	16.00	6.40	7.30	7.60	600 B2	600 B2	4.15	4.25					

	NAME	
	H.Ehsani	
	N.Green	
	L.Veiyra	
D	L.Veiyra	0
E No. 1		Scal
E No. 2		SCALE

DWG PATH: V:_Vault\Projects_Urban\2053E-85-109 Farm Road, Werribee\2053E-02A\Dwgs\2053E-02A-02.dwg PRINTED BY: SS20207 on 09/08/2021 at 10:03:38 AM

LEGEND - LAY	OUT PLAN
ALL PROPOSED, FUTURI	E & EXISTING SERVICE LOCATIONS ARE SHOWN INDICATIVELY
	& PROPERTY INLET
	SWALE DRAIN
H	HOUSE DRAIN
Е	ELECTRICITY (U.GROUND)
0/H	ELECTRICITY (O.HEAD)
G	GAS
0	OPTIC FIBRE
w	WATER
RW	RECYCLE WATER
Ag	
	TACTILE PAVERS
	EXISTING STORMWATER DRAIN
	EXISTING MAIN DRAIN
>>	EXISTING SWALE DRAIN
G—Ex S—	STRUCTURES
— — — — — H	
——————————————————————————————————————	
	EXISTING GAS
——————————————————————————————————————	EXISTING TELSTRA
——Ex 0 ——	EXISTING OPTIC FIBRE
——Ex W ——	
——Ex RW ——	EXISTING RECYCLED WATER
	EXISTING SERVICE CONDUITS
	EXISTING TACTILE PAVERS
-Fut D-	FUTURE STORMWATER DRAIN
_>>	FUTURE SWALE DRAIN FUTURE SEWER & MAINTENANCE
G-FUT S	STRUCTURES
H	FUTURE HOUSE DRAIN
—Fut0/H E —	FUTURE ELECTRICITY OVERHEAD
—-Fut G —	FUTURE GAS
Fut T	FUTURE TELSTRA
——Fut 0 ——	FUTURE OPTIC FIBRE
—Fut RW —	FUTURE RECYCLED WATER
—Fut Ag —	FUTURE AG. DRAIN
GWR	FUTURE SERVICE CONDUITS
141.34	EXISTING SURFACE LEVEL
FS140.35	FINISHED BUILDING LINE LEVEL
FR157.40	FINISHED RIDGE LINE LEVEL
CH270.00	
BW159.00	BOTTOM OF RETAINING WALL LEVEL
	EXISTING RETAINING WALL
	FILL > 200mm DEEP
	CUT > 200mm DEEP
\rightarrow	DIRECTION OF FALL
*	TO LEVEL INDICATED
	EDGE STRIP, SUBSOIL DRAIN,
AT7	EXISTING TREE
Eur	TO BE RETAINED
	EXISTING TREE
N A ST	TO BE REMOVED
▲ 1	PERMANENT SURVEY MARK
^	
	PROPOSED DRIVEWAY & FOOTPATH
	PROPOSED INDUSTRIAL DRIVEWAY
	PROPOSED SHARED FOOTPATH
	PROPOSED ROAD PAVING
	EXISTING ROAD PAVING

WARNING BEWARE OF UNDERGROUND SERVICES he locations 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. ocate all underground services before commencement of works DIAL 1100 BEFORE YOU DIG www.**1100**.com.au

85-109 Farm Road - Stage 2A Wyndham City Council Road and Drainage Layout Plan - 1

SHEET No. REVISION 02 of 14 4 SHEET No.

LEGEND - LAY ALL PROPOSED, FUTURI	OUT PLAN E & EXISTING SERVICE LOCATIONS ARE SHOWN INDICATIVELY
	STORMWATER DRAIN, PIT
	& PROPERTY INLET
	SWALE DRAIN
 \$ =	SEWER & MAINTENANCE STRUCTURES
H	HOUSE DRAIN
——— E ———	ELECTRICITY (U.GROUND)
0/H	ELECTRICITY (O.HEAD)
G	GAS
Ť	
RW	RECYCLE WATER
—— Ag ——	AG. DRAIN
	SERVICE CONDUITS
	TACTILE PAVERS
	EXISTING STORMWATER DRAIN
>>	EXISTING SWALE DRAIN
Ө—Ех S ——	STRUCTURES
— — — — — H	EXISTING HOUSE DRAIN
——————————————————————————————————————	EXISTING ELECTRICITY (UNDER GROUND)
——0/H E——	EXISTING ELECTRICITY OVERHEAD
——Ex G——	
EX I	
——Ex W——	EXISTING WATER
——Ex RW——	EXISTING RECYCLED WATER
—— Ex.Ag ——	EXISTING AG. DRAIN
GWR	EXISTING SERVICE CONDUITS
	EXISTING TACTILE PAVERS
Fut D	FUTURE STORMWATER DRAIN
>>	FUTURE SWALE DRAIN
G-FUT S-	STRUCTURES
— — — — — H	FUTURE HOUSE DRAIN
— Fut E—	
— Fut0/H E—	
— Fut T —	FUTURE TELSTRA
— Fut 0 —	FUTURE OPTIC FIBRE
— Fut W—	FUTURE WATER
— Fut RW—	FUTURE RECYCLED WATER
Fut Ag	FUTURE AG. DRAIN
GWR-	
141.34	EXISTING SURFACE LEVEL
FS140.35	FINISHED BUILDING LINE LEVEL
FR157.40	FINISHED RIDGE LINE LEVEL
CH270.00	CHAINAGE
I W159.60	
DVV 139.00	EXISTING RETAINING WALL LEVEL
	RETAINING WALL
	FUTURE RETAINING WALL
	STRUCTURAL FILL > 200mm DEEP
	EXISTING STRUCTURAL
	FILL > 200mm DEEP
\sum	CUT > 200mm DEEP
\rightarrow	DIRECTION OF FALL
	OVERLAND FLOW
*	
100000000000000000000000000000000000000	EDGE STRIP, SUBSOIL DRAIN,
	"NO ROAD" SIGN & BARRIER
	EXISTING TREE TO BE RETAINED
X	
140ASS	
▲	
	PROPOSED DRIVEWAY & FOOTPATH
	PROPOSED INDUSTRIAL DRIVEWAY
	PROPOSED SHARED FOOTPATH
	PROPOSED ROAD PAVING
	EXISTING ROAD PAVING

WARNING BEWARE OF UNDERGROUND SERVICES The locations 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. Locate all underground services before commencement of works DIAL 1100 BEFORE YOU DIG www.1100.com.au

85-109 Farm Road - Stage 2A Wyndham City Council Road and Drainage Layout Plan - 2

SHEET NO. REVISION 03 of 14

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		EXISTING STAC	GE 1 PROP	<u>DSED STAGE</u> OPMENT	<u>= 2</u> A_		<u>ERSECTIO</u> IANLON STI	N WITH	INTERSECTION WITH TRAMINER ROW					NTERSECT	TION WITH STREET			< PROPO	DSED STAGE 2/ DEVELOPMEN	A FUTURE STAGE 3A >			
				CH 36.08 ELV. 18.28				CH 76.00 RL 18.08 ETV. 18.08		00 00 00	CH 106.00 RL 18.23									CH 212.82 RL 17.69 ET/. 11.69	CH 235.00 ELV. 17.80	5.00 7.80	
VERTICAL GEOMETRY HORIZONTAL GEOMETRY DATUM RL13 DESIGN CENTRELINE	18.64-	-1 %	18.37	18.28	18.23	-0.5 %	18.16	18.08	0.5 %	18.20	18.23	18.16	18.09	18.06	-0.5 % -0.5 %	17.95	17.86		17.76-	17.73 17.69 17.70 17.73	0.5 %	17.78-	-0.5 %
	-		8.265	8.170 8.150	8.127	8.089	8.050	7.971 7.970 7.970	0 8 8 . /	8.090 8.092	8.120	8.050	7.980	7.950	7.862 7.850	7.838	7.750 7.733		7.650	7.623 7.585 7.590 7.621	7.685	7.671	7.571
EXISTING SURFACE AT	8.457	18.300	18.303	18.336 1 18.356 1	18.372	18.353	-	88.293 112 18.293 18.293 18.293 19.20	00770	18.271	18.266	18.236	18.249	~	18.259 18.253 18.253	18.247	18.196 18.188 18.188		18.211	18.226 18.238 18.234 18.234	18.208 18.206 1	18.218	1 18.229 1
LEFT LIP OF KERB	_		18.265	18.170	18.127	18.089	18.050	17.971 17.971 17.974	066.71	18.090	18.120	18.050	17.980	17.950	17.862 17.850	17.838	17.750 17.733		17.650	17.623 17.585 17.590 17.621	17.696 17.685	17.671	17.571
EXISTING SURFACE AT		18.308	18.333	18.373	18.380	18.353	18.312	18:308 18:308 18:308 18:308	0.500	18.285 18.285	18.279	18.265 18.265	18.297	18.320	18.337 18.341	18.339	18.308 18.300		18.279	18.260 18.204 18.204 18.219	18.227 18.231	18.225	18.231
EXISTING SURFACE	18.45	18.31	18.33	18.36	18.38	18.36	18.33	188.30 8330 8330 8330	0.00	18.28 18.28	18.27	18.25 18.25	18.27	18.29	18.30 18.30	18.29	18.25 18.24		18.26	18.26 18.23 18.23 18.23 18.23	18.25 18.25	18.23	18.22 18.23
CHAINAGE	0.00	20.00	26.58	36.08	44.58	52.22	60.00	75.82 76.78	00.000	100.00 100.38	106.00	120.00	133.97	140.00	157.57 160.00	162.26	180.00 183.26		200.00	205.26 212.82 213.64 220.00	235.00 237.24	240.00	260.00
		CH 46.1 RL 18.64								< FUTURE S DEVEL	STAGE 2B PROP OPMENT DEVE	CH 150.53 RL 18.12			RSECTION WITH ASSIDY ROAD	IN	TERSECTION WITH CASSIDY ROAD	1	PROPO I CH 27.56 RL 18.24	SED STAGE 2A FUTURE DEVELOPMENT DEVELO	STAGE 38 PMENT 47.56 18.14		
		18.64 CH 46.11 18.64 M 001 V CH 46.11 H A ELV. 18.64	18.61 V ^O	18.58	18.52	18.47 18.46		18.41 18.37 Sec. 0- 18.35 18.35	18.29		18.20 18.20 18.18 18.17 18.17 18.17	18.12 V V CH 150.53 18.12 V V CH 150.53 18.12 ELV. 18.12	18.17	0.5 %	18.27		16 0 0	18:20	18.24 V CH 27.56 ELV. 18.24	-0.5 % CH 47.56 18.17 18.14 18.14 18.14 CH 47.56 CH 47.56 ELV. 18.14 ELV. 18.14	18.20	18.30	0.5 %
		18.503 18.533	18.506	18.470 18.464	18.414	18.364 18.352		18.299 18.264 18.247	18.184 18.164		18.097 18.093 18.077 18.064	18.012 18.011	18.059			-	18.052	18.093	18.131	18.069 18.061 18.051 18.03 4 18.034	18.093	18.193	18.293
					18.135	18.163 18.170		18.200 18.219 18.229	18.246 18.240		18.258 18.259 18.261 18.263	18.265 18.265	18.282	18.299		-	18.240	18.209	18.189	18.177 18.177 18.176 18.176 18.171	18.173	18.179	18.183
		18.503 18.533	18.506	18.470 18.464	18.414	18.364 18.352		18.299 18.264 18.247	18.184 18.164		18.097 18.093 18.077 18.064	18.012 18.011	18.059			_	18.052	18.093	18.131	18.069 18.061 18.031 18.031	18.093	18.193	18.293
				18.137 18.138	18.153	18.168 18.172		18.187 18.199 18.211	18.254 18.268		18.301 18.302 18.308 18.308	18.315 18.315	18.309	18.333			18.245	18.216	18.172	18.161 18.159 18.156 18.151 18.151	18.136	18.154	18.172
		18.00 18.02	18.04	18.11	18.13	18.15 18.16		18.19 18.20 18.21	18.24 18.25		18.29 18.29 18.29 18.29	18.29 18.29	18.30	18.31	18.32 18.32		18.24	18.21	18.18	18.16 18.16 18.15 18.16 18.16 18.16	18.21	18.46	18.53
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AS CONSTRUCTED

DWG PATH: V:_Vault\Projects_Urban\2053E-85-109 Farm Road, Werribee\2053E-02A\Dwgs\2053E-02A-05.dwg PRINTED BY: SS20207 on 09/08/2021 at 10:08:04 AM

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Docklands, VIC 3008 Ph 03 9514 1500

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INTERSECTION WITH

TRAMINER ROW LONGITUDINAL SECTION

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85-109 Farm Road - Stage 2A Wyndham City Council Road and Drainage Longitudinal Sections

MELWAYS REF PROJECT / DRAWING No. 205 G12 2053E-02A-05

SHEET No. REVISION 1

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	 <u>1 in 9,2</u> 1	n 50 1-in		in 30 1 in 3		16 1 in 50 150mm FREEBOAF 100 GAP FLOW TW		
DATUM16.5 DESIGN SURFACE	18.14	17.88	17.73	17.73	17.62	17.90	17.93 17.93 18.06	
EXISTING SURFACE	18.26 18.26 18.26	18.26	18.26 18.26	18.26	18.26	18.24	18.23 18.23 18.22	
OFFSET	св.е- 29.7- 29.7-	-5.90	-3.80 -3.20	0.00	3.20 3.80	6.50	8.00 8.05 9.05	

)ATUM17 ()	1 in 11.3	1-in 50 1 in 2		n 30 — 1 in 3		2 1 in 50		
DESIGN SURFACE	18.17 - 17.99 - 17.99 -	17.95-	17.84+	17.84 -	17.73 - 17.84 -	17.96-	17.99 17.99 18.11	
XISTING SURFACE	18.31 18.30 18.30	18.29	18.27 18.27	18.24	18.22 18.22	18.20	18.19 18.19 18.18	
DFFSET	69.9- 69.7-	-5.90	-3.80 -3.20	0.00	3.20 3.80	6.50	8.05 8.05 9.01	

CH 205.26

	 CH 183.26												
	 <u>1 in</u>	8.9 1 in 50	<u>1 in 20</u>			<u>1 in 3</u> 0 — –		 1 in 30		1 in 22.2	1_in 5		
DATUM17.0 DESIGN SURFACE	18.23	18.09 18.09	18.05	17.95	17.84		17.95		17.84	17.95	18.07	18.10 18.10 18.17	
EXISTING SURFACE	18.35	18.34 18.34	18.33	18.32	18.31		18.29		18.27	18.27	18.26	18.25 18.25 18.24	
OFFSET	-9.13	-7.95 -7.90	-5.90	-3.80	-3.20		0.00		3.20	3.80	6.50	8.00 8.05 8.64	

DATUM17.0	<u> </u>	<u>-1 in 8,1 1 in</u>	501	n 20 — — — — — — — — — — — — — — — — — —	3 0 —1 in 3			8
DESIGN SURFACE		18.24 18.12 18.12	18.08 -	17.97 - 17.86 -	17.97 -	17.97 -	18.09- 18.12- 18.12-	20 10 10
EXISTING SURFACE		18.34 18.34 18.34	18.33	18.32 18.31	18.30	18.28 18.28	18.27 18.26 18.26	18:26
OFFSET		-8.95 -7.95 -7.90	-5.90	-3.80 -3.20	0.00	3.20 3.80	6.50 8.00	90 90 90 90 90 90 90 90 90 90 90 90 90 9

CH 162.26

RTPCH 157.57

CH 120.26

	 <u>1 in 1</u>	<u>281 in 50_</u> 	1 in 20			<u> </u>		1 in 15.9	<u>1 in 5</u>	ABL C	
DESIGN SURFACE	18.31	18.24	18.20	18.09	17.98	18.09	17.98	18.09	18.26	18.29 18.29 18.29	
XISTING SURFACE	18.30	18.30 18.30	18.29	18.28	18.28	18.27	18.26	18.26	18.25	18.25 18.25 18.25	
OFFSET	-8.95	-7.95 -7.90	-5.90	-3.80	-3.20	0.00	3.20	3.80	6.50	8.00 8.05 8.08	

	RTPCH 133.97											
λατι ΙΜ17 Ω	<u>1 in</u>	<u>19.4 1.in 50</u> 画	<u>1_in_20</u>		<u>1 in 30</u>	1 in 30		<u>1 in 23.3</u>	<u>1 in 50</u>	LIN (8	
DESIGN SURFACE	18.36	18.30	18.26	18.16	18.05	18.16	18.05	18.16 -	18.27 -	18.30 18.30	18.42	
EXISTING SURFACE	18.27	18.27 18.27	18.26	18.26	18.26	18.25	18.24	18.24	18.24	18.24 18.24	18.24	
DFFSET	-8.95	-7.95	-5.90	-3.80	-3.20	0.00	3.20	3.80	6.50	8.00 8.05	8.96	

Member of the Surbana Jurong Group © ABN 47 065 475 149 Tower 4, Level 20, 727 Collins Street Docklands, VIC 3008 Ph 03 9514 1500

CLASS 3 FCR COMPACTED TO MIN 98% DENSITY RATIO (MODIFIED) AS1289.5.2.1 REQUIRED UNDER PAVEMENT AND FOOTPATHS WHERE CONSTRUCTED ABOVE EXISTING SURFACE OR CONSTRUCTED SEWER TRENCH

LEGEND ----- Q100 WSL

——–– Q100 FREEBOARD

			-		
in 50 - ⁄	1 in 8	 		 	

85-109 Farm Road - Stage 2A Wyndham City Council Road and Drainage Cross Sections: Cassidy Road

$\begin{array}{c|c} \text{SHEET No.} & \text{REVISION} \\ 06 \text{ of } 14 & 0 \end{array}$

	<u>0.05m 1.5m 2.8</u>	8m 0.6m	16m 	3.2m 0.6m 2.5r	n <u> 1.5m 0.05m</u>	
		<u>120 </u>		$1 \frac{1}{10} 30^{-1} - \frac{1}{10} \frac{1}{10$	<u>6.4 1 in 50 1 in 10</u>	
	B				KBL	
DESIGN SURFACE	18 39 44 18 38 44 18 38 - 1 - 1 18 38 - 1 - 1	18.21	18.21	18.10	18.37 18.40 18.45 18.45	
EXISTING SURFACE	18.33 18.33 18.33 18.33	18.32 18.31	18.31	18.31	18.30 18.30 18.30 18.30 18.30	
OFESET		-3.20	0.00	3.20	6.30 8.35 8.35 8.35	
			TPCH 169 27			
	<u> </u>	_11_1	TT OTT 103.27	1 in 1	0 <u>1 in 50 1 in 10</u>	
			1 in 30	<u>1 in 30</u>		
	B				L S S S S S S S S S S S S S S S S S S S	
DATUM17.0 DESIGN SURFACE	18.45 18.37 18.37 18.37	18.12	18.12	18.01	18.37 18.40 18.45 18.45 18.45 18.45 18.45	
	8.32 8.31 8.31 8.31 8.31	8.31	8.29	8.28	8.27	
		1 120				
	ش ښ			т т 	9 ~~8	
	<u> </u>	14.0	TPCH 150.37	4 in 1	1 in 50 1 in 10	
			1 in 30			
	一一一				38	
		.08	18		27 27 28 27 28 28 28 28 28 28 28 28 28 28	
	30 31 18 33 34 18 30 19 19 19 19 19 19 19 19 19 19 19 19 19	30 18 30 18	29 18	28 18	26 18 28 27 18 26 18 26 18 28 28 28 28 28 28 28 28 28 28 28 28 28	
EXISTING SURFACE	51 00 18 18 18 18 18 18	20 18. 18.	 	20 30 18.	1335 1335 1335 1335 1335 1335 1335 1335	
OFFSET	άς αζας τος αξίας αξάς		0.0	3.5	9.72 9.72 9.72	
			CH 137.29 HANLON STRE	ET		
		0.6m	16m			
		2.5m 0.000 B2 -	3.2m	3.2m 0.011 2.8	3m = 1.5m = 0.05m	
	/ <u>In 10 1 in 50 1 in</u>	<u>n 16.6</u>		1 in 30 1 in 1		
DATUM17.0		2 0		 و ي		
DESIGN SURFACE		18.1	18.1	18.0	18.3 18.3 18.3 18.4 18.4	
EXISTING SURFACE	18.16 18.16 18.16 18.16	18.15 18.15	18.15	18.16	18.17 18.18 18.18 18.18 18.18	
OFFSET	-8.52 -7.92 -7.87 -6.37	-3.80 -3.20	00.0	3.20	6.55 8.05 8.105 8.305 8.305	
			CH 43.66		10	
		in 17	_1 in 30	<u>1 in 301 in</u>	17.6 1 in 50 1 ll 10	·
DATUM17.0		2	2			
DESIGN SURFACE	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	6 18.1 5.0		6 18.1 18.1	88 88 88 88 88 88 88 88 88 88 88 88 88	
	18.16 18.17 18.17 18.16 19.16	18.16 18.10	18.16	18.16	1	
OFFSET		-3.80	00.0	3.20	6.60 8.11 8.95	
			TPCH 41.61			
	<u>1 in 10</u> 1 in 50 <u>1 i</u>	<u>n 43.4</u>	— <u>1 in 30</u> —	1 in 301 in	26.1 <u>1 in 50 1 in 10</u>	
DATUM17.0					<u>KBI</u>	
DESIGN SURFACE	18.21 + 18.25 + 18.22 +	18.16 - 18.05 -	18.16+	18.05 -	18.30 + 18.30 + 18.38 +	
EXISTING SURFACE	18.25 18.25 18.25 18.24	18.24 18.24	18.24	18.24 18.24	18.24 18.24 18.24 18.24	
OFFSET	-8.45 -7.85 -6.30	-3.80 -3.20	00.0	3.20	6.60 8.15 8.95	
			TPCH 11.80			
AS CONSTR	RUCTED PLANS		LUPTON STRE	ET ied out in accordance with MPA/	Council's TITLE	NAME
e purpose of these as-constructed plans is nges which occurred during construction. N	to update the design drawings to show signing to the levels shown on these plans are	ificant design	standard drawings or as no SMEC. Any digital informatio	minated on hard copy plans prov on supplied by this office is for inf	ormation DRAFTER	H.Ehsani
s, and have not been verified by survey. All n site. SMEC Australia Pty Ltd accept no re	l information shown on these plans should be sponsibility for loss or damages resulting fro	e verified m the	wanagement to	agement . A Str. Stal Mar	agenen CHECKED	N.Green L.Veivra
inappropriate u	sage of these plans.		OHS No OHS No	15 A801	AUTHORISED	L.Veiyra
AS CON	SIRUCTED		Global-Mark com au [®] Glob		REFERENCE No. 1	

DWG PATH: V:_Vault\Projects_Urban\2053E-85-109 Farm Road, Werribee\2053E-02A\Dwgs\2053E-02A-07.dwg PRINTED BY: SS20207 on 09/08/2021 at 10:09:22 AM

		0.05m	1.5m		2.65m	0.6m	3.2m		3.2m
						B2			
			1 in 5	0	1 in 30				
					1 11 30		- <u> </u>		<u>1 in 30</u>
		LBL							
DESIGN SURFACE		0	18.40 18.40	18.37		18.28 18.17		18.28	
			239	29		29 1			
EXISTING SURFACE			× ×	18.		18.1		18.	
OFFSET			-8.00 -7.95	-6.45		-3.80 -3.20		0.00	
							TPC	CH 29.99	9
			1 in 5	0	1 in 30		1 in <u>30</u>		<u>1 in 30</u>
		BL			l				
DATUM17.0	[بــــــــــــــــــــــــــــــــــــ							
DESIGN SURFACE			18.40	18.40		18.3⁄ 18.2		18.3⁄	
EXISTING SURFACE			18.31 18.31	18.32		18.32 18.32		18.33	
OFFSET			-8.00	-6.45		-3.80 -3.20		0.00	
							TPO	CH 9.53	
			4 1	•					
			1 in 5		1 in 30		1 in 30		<u>1 in 30</u>
DATUM17.0		ç	447	39		.30		.30	
DESIGN SURFACE			0 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	1		18 18		7	
EXISTING SURFACE			200 200 200 200	18.3		18.2 18.1		18.2	
OFFSET			-8.00 -7.95	-6.45		-3.80 -3.20		0.00	
							C	H 1.75	
			1 in 5	0	1 in 20				
							1 in 30		1 in 30
					l				
DESIGN SURFACE			18.41	18.38		18.29		18.29	
EXISTING SURFACE			18.41	18.33		18.22		18.28	
			7.95	5.45		3.20		00.0	
ULISEI		, c	7'7	Ŷ		YY			

CH 0.00

TRAMINER ROW

0 1 2 0 0.5 1 Scale H1:100, V1:50 SCALE AS SHOWN AT A1	4	

CLASS 3 FCR COMPACTED TO MIN 98% DENSITY RATIO (MODIFIED) AS1289.5.2.1 REQUIRED UNDER PAVEMENT AND FOOTPATHS WHERE CONSTRUCTED ABOVE EXISTING SURFACE OR CONSTRUCTED SEWER TRENCH

3.2m	0.6m	2.65m	1.5m	0.05m
	B2			
	• •		• •	"
		1 in 30	1 in 50	
1 in 30				
				RBL
				5
	8.17 - 8.28 -	;	3.37	0.440 .040
	# #		÷	200
	.30		30	000
	18 18		81 at	<u>~</u>
	.20	!	.45 05	00. 00.
	<i>ი</i> ი	C C	9 2	~ 00

	1 in 30	1 in 50		-
18.23 - 18.34 -	18.43-	18.46	10.40	
18.34 18.34	18 32	18.35 18.35	0.01	
3.20 3.80	6 45	7.95	00.00	

<u>1 in 30</u>	1 in 30	1 in 50	
18.19 -	18.30	18.42 18.42	
18.15	18.19	18.40 18.40	
3.20	3.80 6.45	7.95 8.00	

	1 in 30	1 in 50		
18.18 -	18.29-	18.38 -	18.41 18.41	
18.16	18.20	18.38	18.41 18.41	
3.20	3.80	6.45	7.95 8.00	

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DRAFTER DESIGNER AUTHORIS REFEREN

AS CONSTRUCTED PLANS

	NAME H Ehsani		SMEC	
{	N.Green		Member of the Surbana lurong Group	
ED	L.Veiyra L.Veiyra	0 5 10 20	© ABN 47 065 475 149	Devel
CE No. 1		0 0.5 1 2 Seele H1:500 V(1:50	Docklands, VIC 3008	
CE No. 2		SCALE AS SHOWN AT A1	Ph 03 9514 1500	

\square	CRUSHED ROCK BACKFILL
	CRB INDICATES CRUSHED ROCK BACKFILL COMPACTED IN ACCORDANCE WITH WYNDHAM CITY COUNCIL STANDARDS & SPECIFICATION CLASS 2
	UNDER ROAD PAVEMENT & CLASS 3 BEHIND KERB

85-109 Farm Road - Stage 2A Wyndham City Council Road and Drainage Drainage Longitudinal Sections - 1

MELWAYS REF PROJECT / DRAWING No. 205 G12 2053E-02A-08

SHEET NO. REVISION 08 OF 14

AS CONSTRUCTED

DWG PATH: V:_Vault\Projects_Urban\2053E-85-109 Farm Road, Werribee\2053E-02A\Dwgs\2053E-02A-09.dwg PRINTED BY: SS20207 on 09/08/2021 at 10:10:45 AM

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AS CONSTRUCTED PLANS

TITLE

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DRAFTER DESIGNER CHECKED AUTHORISE REFERENC

	(2	2)	23)
	ſ		
DESIGN FLOW (m3/s)		0.333	0.193
AT GRADE VELOCITY (m/s)		U.405	0.248 1.15
GRADE		 RCP 1 in 230 	RCP 1 in 300
	2.40	9.0 8	
	3.08	9.90 	2.40 2.40 2.40
	5.32 16	5. 6. 	2.00 2.00 2.00 2.00 2.00 2.00 2.00 2.00
FINISHED SURFACE LEVELS	7.72	-	
EXISTING SURFACE LEVEL	18.22		70.01
CHAINAGE	23.76	1	
(Reach Length)	3,	(54.76)	ר (57.10)

	NAME		
	H.Ehsani		
	N.Green		
	L.Veiyra		
ED	L.Veiyra	0 5 10	20
E No. 1			2
E No. 2		Scale H1:500, V1:50 SCALE AS SHOWN AT A1	

$\langle \rangle \rangle \rangle$	CRUSHED ROCK BACKFILL
	CRB INDICATES CRUSHED ROCK BACKFILL COMPACTED IN ACCORDANCE WITH WYNDHAM CITY COUNCIL STANDARDS & SPECIFICATION CLASS 2
$\langle \rangle \rangle \rangle \rangle \rangle$	UNDER ROAD PAVEMENT & CLASS 3 BEHIND KERB

SHEET NO. REVISION 09 of 14

AS CONSTRUCTED PLANS

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inappropriate usage of these plans.

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standard drawings or as nominated on hard copy plans provided by

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	NAME				
R	H.Ehsani				
R	N.Green				
כ	L.Veiyra				
SED	L.Veiyra	0	5	10	20
NCE No. 1		0	0.5	1	2
NCE No. 2		SCAL	E AS SHC	0, V1:50)WN AT A1	

CONTRACTOR TO ENSURE PITS IN FUTURE STAGES ARE ALIGNED WITH THE FUTURE BACK OF KERB TO ALLOW THE EASY CONNECTION TO GRATED SIDE ENTRY PITS.

		INTE	RNAL	INI	LET	OU	TLET				2511121/2
PIT NUMBER	TYPE	WIDTH (mm)	LENGTH (mm)	DIAMETER (mm)	INVERT R.L. (m)	DIAMETER (mm)	INVERT R.L. (m)	F.S.L. (m)	DEPTH (m)	STANDARD DRAWING	REMARKS
9EP	ENDPIPE					825	13.89	17.35	3.47		CONNECT TO EXISTING DRAIN
											DOUBLE HAUNCHED TO 600X900 AS PER VR SD1023. TO BE
11	JUNCTION PIT	1200	1500	750	13.94	825	13.89	17.37	3.48	EDCM 605	CONVERTED TO SIDE ENTRY PIT IN FUTURE. 300mm STUB ON EAST WALL @ IL15.48 GRADE 1 IN 100
				300	15.48						<u> </u>
											HAUNCHED TO 600X900. TO BE CONVERTED TO SIDE ENTRY PIT IN
12	JUNCTION PIT	1500	900	750	14.01	750	14.01	17.5	3.49	EDCM 607	FUTURE. 525mm STUB @ IL14.119 GRADE 1 IN 200 TO BE PROVIDED IN
				525	14.12						
											HAUNCHED TO 600X900. TO BE CONVERTED TO SIDE ENTRY PIT IN
14	JUNCTION PIT	1050	900	750	14.32	750	14.32	17.92	3.6	EDCM 607	THE NORTH SIDE OF THE PIT TO BE CAPPED FOR FUTURE
				300	15.89						EXPANSION.
											HAUNCHED TO 600X900. TO BE CONVERTED TO SIDE ENTRY PIT IN
15	JUNCTION PIT	1050	900	750	14.58	750	14.58	18.29	3.71	EDCM 607	FUTURE. 300mm STUB @ IL 16.10 GRADE 1 IN 67 TO THE NORTH SIDE OF THE PIT TO BE CAPPED FOR FUTURE EXPANSION.
				300	16.1						
47		1050	1200	675	14.04	750	14 70	10.0	2 51	EDOM 605	DOUBLE HAUNCHED TO 600X900 AS PER VR SD1023. TO BE CONVERTED TO DOUBLE SIDE ENTRY PIT IN FUTURE. 300mm STUB
17	JUNCTION PIT	1050	1300	075	14.04	750	14.79	10.3	3.51	EDCM 605	@IL 16.286 GRADE 1 IN 100 BE PROVIDED AT THE WESTERN WALL OF THE PIT, END PIPE TO BE CAPPED FOR FUTURE EXPANSION.
				300	16.29						
											DOUBLE HAUNCHED TO 600X900 AS PER VR SD1023 TO BE
18	JUNCTION PIT	1350	1350	675	14.96	675	14.91	18.17	3.26	EDCM 605	GRADE 1 IN 50 TO THE SOUTH SIDE OF THE PIT TO BE CAPPED FOR
				300	15.28						FUIURE EAFAINSION.
											HAUNCHED TO 600X900. TO BE CONVERTED TO SIDE ENTRY PIT IN
19	JUNCTION PIT	1200	900	675	15.05	675	15	18.09	3.09	EDCM 607	FUTURE. 225mm STUB @IL 15.233 GRADE 1 IN 125 BE PROVIDED AT
				225	15 23						
				220	13.23						
20	JUNCTION PIT	1050	1300	675	15.21	675	15.16	17.91	2.75	EDCM 605	DOUBLE HAUNCHED TO 600X900 AS PER VR SD1023 TO BE CONVERTED TO SIDE ENTRY PIT IN FUTURE. 300mm STUB AT IL15.535
											GRADE 1 IN 200 TO BE PROVIDED AT THE EAST WALL OF THE PIT.
				300	15.35						
											DOUBLE HAUNCHED TO 600X900 AS PER VR SD1023. TO BE
21	JUNCTION PIT	1050	1300	675	15.3	675	15.25	17.72	2.47	EDCM 602	@IL 15.347 GRADE 1 IN 50 TO THE WEST SIDE OF THE PIT TO BE
											CAPPED FOR FUTURE EXPANSION. PROVIDE CLASS D LIDS FOR TEMPORARY TURNING AREA
				300	15.44						
22	JUNCTION PIT	900	1050	600	15.4	675	15.32	17.73	2.4	EDCM 602	DOUBLE HAUNCHED TO 600X900 AS PER VR SD1023. TO BE CONVERTED TO DOUBLE SIDE ENTRY PIT IN FUTURE. PROVIDE CLASS
											D LIDS FOR TEMPORARY TURNING AREA
23	SINGLE SIDE ENTRY PIT GRATED	900	900	525	15.69	600	15.64	17.98	2.35	EDCM 601 & 607	HAUNCHED TO 600X900
				450	15.71						
24	SINGLE SIDE ENTRY PIT GRATED	900	900	525	15 93	525	15 88	18 23	2.35	EDCM 601 & 607	
				020	10.00		10.00	10.20	2.00		
				300	15.99						
25	DOUBLE SIDE ENTRY PIT GRATED	750	900	300	16.12	525	16.01	18.12	2.11	EDCM 602 & 607	HAUNCHED TO 600X900
				450	16.06						
26EP	ENDPIPE			300	16.47	300	16.47	18.37	1.9		REMOVE EXISTING SANDBAG OUTFALL & CHANNEL. CONNECT TO EXISTING DRAIN
110	SINGLE SIDE ENTRY PIT GRATED	600	900			300	16.12	17.89	1.77	EDCM 601	
117	SINGLE SIDE ENTRY PIT GRATED	1050	900	450	15.79	450	15.74	17.98	2.24	EDCM 601 & 607	HAUNCHED TO 600X900
118	SINGLE SIDE ENTRY PIT GRATED	1050	900	300	15.9 15.89	450	15.83	18.17	2.34	EDCM 601 & 607	HAUNCHED TO 600X900
119	SINGLE SIDE ENTRY PIT GRATED	600	900	300	15.88	300	15.94	18.21	2.27	EDCM 601	
											PROVIDE 375Ø STUB
120	JUNCTION PIT	600	900	375	16.14	375	16.09	18.2	2.11	EDCM 605	SOUTH IL16.14 @ 1 IN 133
120B	ENDPIPE					375	16.2	18.17	1.98		
128		1050	900	450	16.14	450	16.09	18.1	2.01	EDCM 602 & 607	HAUNCHED TO 600X900
129	SINGLE SIDE ENTRY PIT GRATED	1050	900	300	16.25	450	16.18	18.23	2.05	EDCM 601 & 607	HAUNCHED TO 600X900
130	SINGLE SIDE ENTRY PIT GRATED	1050	900	300	16.37	300	16.32	18.23	1.91	EDCM 601	
131	DOUBLE SIDE ENTRY PIT GRATED	600	900	300	16.54	300	16.49	18.22	1.74	EDCM 602	
132	DOUBLE SIDE ENTRY PIT GRATED	600	900			300	16.75	18.36	1.61	EDCM 602	
133	DOUBLE SIDE ENTRY PIT GRATED	750	900	375	16.35	375	16.3	18.17	1.88	EDCM 602 & 607	HAUNCHED TO 600X900
				300	16.35						PROVIDE 300Ø STUBS
134	SINGLE SIDE ENTRY PIT GRATED	600	900	300	16.47	375	16.42	18.25	1.82	EDCM 601	WEST IL 16.47 @ 1 IN 200
				300	16.47						
136	DOUBLE SIDE ENTRY PIT GRATED	600	900	300	16.16	300	16.11	18.12	2.01	EDCM 602	
137	JUNCTION PIT	600	900			300	16.51	18.21	1.7	EDCM 605	
138		600	900		10.11	300	16.4	18.17	1.77	EDCM 602	
146 147		600	900	300	16.11	300	16.06	18.3	2.24	EDCM 601	
147	SINGLE SIDE ENTRY FIT GRATED		300	1	1	500	10.10	10.3	2.14		

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REFERENCE No. 1

AS CONSTRUCTED PLANS

The purpose of these as-constructed plans is to update the design drawings to show significant changes which occurred during construction. Note that the levels shown on these plans are design levels, and have not been verified by survey. All information shown on these plans should be verified on site. SMEC Australia Pty Ltd accept no responsibility for loss or damages resulting from the inappropriate usage of these plans.

DWG PATH: V:_Vault\Projects_Urban\2053E-85-109 Farm Road, Werribee\2053E-02A\Dwgs\2053E-02A-11.dwg PRINTED BY: SS20207 on 09/08/2021 at 10:12:11 AM

AS CONSTRUCTED

NAME H.Ehsani N.Green		SN	ИЕС	
L.Veiyra		Member of the Surbana Ju	urong Group	
L.Veiyra		(C) ABN 47 065 475 149	Develo	pmen
		Docklands, VIC 3008	3	
	SCALE AS SHOWN AT A1	Ph 03 9514 1500		

	CURVED PIPE INFORMATION							
LOCATION	PIPE TYPE	CENTRE RADIUS (m)	ARC LENGTH (m)	TANGENT LENGTH (m)	۱°			
TP5-TP6	RRJ JOINT DEFLECTION - 0.8°	170.00	11.79	6.250	3.3			

DWG PATH: V:_Vault\Projects_Urban\2053E-85-109 Farm Road, Werribee\2053E-02A\Dwgs\2053E-02A-13.dwg PRINTED BY: SS20207 on 09/08/2021 at 10:14:09 AM

NOTE ALL PAVEMENT DESIGNS HAVE BEEN PROVIDED BY GROUND SCINCE. SMEC IS NOT RESPONSIBLE FOR GEOTECHNICAL OR PAVEMENT RELATED DESIGNS AND IS NOT RESPONSIBLE FOR THE ACCURACY, ADEQUACY OR APPROPRIATENESS OF THESE DESIGNS. THE PAVEMENT COMPOSITIONS SHOWN ON THIS DRAWING HAVE BEEN REPRODUCED FROM THE PAVEMENT REPORT FOR THIS DEVELOPMENT STAGE. THIS DOCUMENT SHOULD BE REVIEWED BY THE CONTRACTOR TO ENSURE DESIGN HAS BEEN INTERPRETED CORRECTLY. A COPY OF THIS DOCUMENT WILL BE MADE AVAILABLE ON REQUEST. ANY DIFFERENCES FROM THIS REQUIREMENTS SHOWN ARE TO BE NOTIFIED TO THE SUPERINTENDENT BEFORE PROCEEDING.

550mm DEPTH PA	VEMENT COMPOSITION	LAYER	
PAVEMENT LAYER		THICKNESS (mm)	MATERIAL
	WEARING COURSE	30	SIZE 10 TYPE N ASPHALT
ASPHALT	BASE COURSE	30	SIZE 10 TYPE N ASPHALT
	PRIME COAT	-	PRIMECOAT & 10mm SAMI
BASE COURSE	BASE	130	SIZE 20 CLASS 2 CRUSHED ROCK
SUBBASE COURSE	UPPER SUBBASE	200	SIZE 20 CLASS 3 CRUSHED ROCK
CAPPING	CAPPING LAYER	150	TYPE A FILL (CBR => 8% SWELL <= 1.5% PERMEABILITY k < 1x10 ⁻⁹)

2,000 VPD - CASSIDY ROAD PAVEMENT COMPOSITION

