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TEMPORARY BENCH MARK TABLE								
NAME	EASTING (M)	NORTHING (M)	REDUCED LEVEL (M)	DESCRIPTION				
T.B.M 1	296268.96	5812551.29	50.83	STAR PICKET				
T.B.M 2	297060.94	5812470.05	50.25	STAR PICKET				
T.B.M 3	296997.71	5811695.27	46.67	NAIL IN ROUNDABOUT				
T.B.M 4	296178.66	5811787.24	43.74	STAR PICKET				







WELLNESS WALK & TRADITION WALK

REV DATE	AMENDMENT / REVISION DESCRIPTION	DES/DFT	APPROVAL	All setting out should be carried out in accordance with MPA/Council's	TITLE	NAME		N		
A 23.08.19		SH/JC	BS	standard drawings or as nominated on hard copy plans provided by SMEC. Any digital information supplied by this office is for information	DRAFTER	J.Chen			SMEC	
C 20.12.19	COUNCIL COMMENTS	SH/LC SH/LC	BS	only. Any discrepancies should be discussed with the superintendent.	DESIGNER	S.Hossain				
				shanagement to sougement to the source of th	CHECKED	E.Wang			Member of the Surbana Jurong Group	
				OHS OHS OHS OHS	AUTHORISED	B.Sanderson	0 25 50 100		Collins Square Tower 4 evel 20, 727 Collins St	
	SUBJECT TO APPROVA	L			REFERENCE No. 1		Scale 1:2500		Melbourne, VIC 3008 Ph 03 9514 1500	
				Global-Mark.com.au [®] Global-Mark.com.au [®] Global-Mark.com.au [®]	REFERENCE No. 2		SCALE AS SHOWN AT A1			GRUWLAND

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Marigold Stage 4



NOT TO SCALE

200mm DEPTH 40mm NOM. SIZE CLASS 3 FCR NOT TO BE CONSTRUCTED WITHOUT - SUPERINTENDENT APPROVAL. INSTALL BOLLARDS AT 1.5M SPACING IF FUTURE STAGE HAS NOT COMMENCED.



LINE OF KERB

SCALE 1:10 EDCM



7.00

7.0m ROAD RESERVE FUN LANE



7.0m ROAD RESERVE PURE LANE

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GENERAL NOTES (WYNDHAM CITY COUNCIL)

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. 3. THE CONTRACTOR SHALL:

- COMPLY WITH THE SAFETY REQUIREMENTS OF THE MINES ACT, GENERAL REGULATIONS AND STATUTORY 3.1. RULES, AND THE MINES (TRENCHES) REGULATIONS 1982. NOTIFY THE OCCUPATIONAL HEALTH AND SAFETY AUTHORITY OF THEIR INTENTION TO COMMENCE TRENCHING 3.2.
- OPERATIONS WHERE TRENCHES ARE 1.5 METRES OR DEEPER. ENSURE THAT THE MINE MANAGER OR THEIR DEPUTY AS REQUIRED BY THE REGULATIONS IS IN ATTENDANCE 3.3
- WHEN TRENCHING OPERATIONS ARE IN PROGRESS. THE CONTRACTOR IS TO NOTIFY COUNCIL AND ALL SERVICE AUTHORITIES SEVEN (7) DAYS PRIOR TO COMMENCEMENT OF CONSTRUCTION.
- 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.
- 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.
- 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.
- 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 ARROWS BEING 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.
- 15. 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. 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 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 1028m TOTAL LENGTH OF DRAINS CONSTRUCTED IS 1538m

GAS - STANDARD NOTES

- . GAS MAINS, FITTINGS AND MARKER TAPE ARE TO BE SUPPLIED BY THE GAS AUTHORITY
- EXCAVATION, SUPPLY AND PLACEMENT OF REQUIRED BACKFILL TO BE UNDERTAKEN BY OTHERS. 3. NOTIFICATION MUST BE GIVEN TO THE GAS AUTHORITY TWO WEEKS PRIOR TO THE COMMENCEMENT OF EXCAVATION WORKS.

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.

	G	WARNING						
SAFETY MEASURES note there are risks attache oject, and any ongoing mai er the safety of all. For pote controls refer to Safety In SID P4.E6. 2360E ASSESS THE RISK -	d to the construction of ntenance of structures. ntial risks, consequences Design Risk Register -04-85 STAY SAFE	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						
. 7		Marigold - Stage 4 Wyndham City Council Road and Drainage Cover Plan						
AND	MELWAYS REF PROJEC 359 F9 236	T / DRAWING No. 0E-04-01	SHEET No. 01 of 27	REVISION				



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LIP LINE B



ALL PROPOSED, FUTUR	ERSECTION DETAIL PLAN E & EXISTING SERVICE LOCATIONS ARE SHOWN INDICATIVELY
□= = = =	STORMWATER DRAIN, PIT & PROPERTY INLET
□====	MAIN DRAIN
•S	SEWER & MAINTENANCE STRUCTURES
— — — — — H	HOUSE DRAIN
GWR	SERVICE CONDUITS
	TACTILE PAVERS
	EXISTING STORMWATER DRAIN
$\Box = = = = =$	EXISTING MAIN DRAIN
GEx S	EXISTING SEWER & MAINTENANCE STRUCTURES
GWR	EXISTING SERVICE CONDUITS
	EXISTING TACTILE PAVERS
-Fut D-	FUTURE STORMWATER DRAIN
	FUTURE MAIN DRAIN
G-fut s	FUTURE SEWER & MAINTENANCE STRUCTURES
— — — — — H	FUTURE HOUSE DRAIN
GWR	FUTURE SERVICE CONDUITS
	FUTURE TACTILE PAVERS
	EXISTING RETAINING WALL
	RETAINING WALL
	FUTURE RETAINING WALL
•••	EDGE STRIP, SUBSOIL DRAIN, "NO ROAD" SIGN & BARRIER
	PERMANENT SURVEY MARK
	TEMPORARY BENCH MARK
	PROPOSED DRIVEWAY & FOOTPATH



AMENDMENT / REVISION DESCRIPTION TITLE DATE DES/DFT APPROVAL All setting out should be carried out in accordance with MPA/Council's REV A 23.08.19 ISSUED FOR INFORMATION ONLY BS standard drawings or as nominated on hard copy plans provided by SH/JC DRAFTER SMEC. Any digital information supplied by this office is for information ISSUED TO COUNCIL FOR APPROVAL SH/LC BS В 19.11.19 only. Any discrepancies should be discussed with the superintendent. DESIGNE 20.12.19 COUNCIL COMMENTS SH/LC BS С CHECKE UTHOR SUBJECT TO APPROVAL REFERE Global-Mark.com.au® Global-Mark.com.au® Global-Mark.com.au® DWG PATH: V:_Vault\Projects_Urban\2360E-Marigold\2360E-04\Dwgs\2360E-04-05.dwg PRINTED BY: SH14946 on 20/12/2019 at 01:44:41 PM







	NAME		Ν		
R	J.Chen			SMEC	
ER	S.Hossain	0 2 4 8			
D	E.Wang	0 0.2 0.4 0.8 Scale H1:200 V1:20		Member of the Surbana Jurong Group	
RISED	B.Sanderson	0 2 4 8		Colline Square Tower 4 Level 20, 727 Colline St	
NCE No. 1		Scale 1:200		Melbourne, VIC 3008	
NCE No. 2		SCALE AS SHOWN AT A1		Ph 03 9514 1500	C

G2 CH4.91 RL48.55 CH0 RL48.52 R=-8.60m HC HORIZONTAL GEOMETRY -0.5% -0.5% 0.5% VERTICAL GEOMETRY DATUM RL48 DESIGN LEVEL 48 84 88 EXISTING SURFACE 48 \$ NORTHING EASTING 00.00 4.91 CHAINAGE LIP LINE G

G1

LEGEND - INTE ALL PROPOSED, FUTUR	ERSECTION DETAIL PLAN & existing service locations are shown indicatively
	STORMWATER DRAIN, PIT & PROPERTY INLET
	MAIN DRAIN
•S=	SEWER & MAINTENANCE STRUCTURES
— — — — — H	HOUSE DRAIN
GWR	SERVICE CONDUITS
	TACTILE PAVERS
	EXISTING STORMWATER DRAIN
	EXISTING MAIN DRAIN
⊖—£x S ——	EXISTING SEWER & MAINTENANCE STRUCTURES
GWR	EXISTING SERVICE CONDUITS
	EXISTING TACTILE PAVERS
-Fut D-	FUTURE STORMWATER DRAIN
	FUTURE MAIN DRAIN
⊖ - fut s —	FUTURE SEWER & MAINTENANCE STRUCTURES
— — — — — H	FUTURE HOUSE DRAIN
	FUTURE SERVICE CONDUITS
	FUTURE TACTILE PAVERS
	EXISTING RETAINING WALL
	RETAINING WALL
	FUTURE RETAINING WALL
•	EDGE STRIP, SUBSOIL DRAIN, "NO ROAD" SIGN & BARRIER
	PERMANENT SURVEY MARK
7	TEMPORARY BENCH MARK
	PROPOSED DRIVEWAY & FOOTPATH









GWR







	5. SHARE	PATH THROUGH CREEK CORRIDOR TO FORM PART O	F LANDSCAPE WORKS.	
7		Marigold - Stage 4 Wyndham City Counc Road and Drainage Intersection Detail Plan	il - 3	
AND	MELWAYS REF	PROJECT / DRAWING No. 2360E-04-06	SHEET No. 06 of 27	REVISION





	STORMWATER DRAIN, PIT
	& PROPERTY INLET
	MAIN DRAIN
•s	SEWER & MAINTENANCE STRUCTURES
— — — — — H	HOUSE DRAIN
GWR	SERVICE CONDUITS
	TACTILE PAVERS
	EXISTING STORMWATER DRAIN
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⊖—Ex S ——	EXISTING SEWER & MAINTENANCE STRUCTURES
GWR	EXISTING SERVICE CONDUITS
	EXISTING TACTILE PAVERS
Fut D -	FUTURE STORMWATER DRAIN
	FUTURE MAIN DRAIN
⊖-fut s —	FUTURE SEWER & MAINTENANCE STRUCTURES
— — — — —H	FUTURE HOUSE DRAIN
	FUTURE SERVICE CONDUITS
	FUTURE TACTILE PAVERS
	EXISTING RETAINING WALL
	RETAINING WALL
	FUTURE RETAINING WALL
• •	EDGE STRIP, SUBSOIL DRAIN, "NO ROAD" SIGN & BARRIER
	PERMANENT SURVEY MARK
7	TEMPORARY BENCH MARK

PROPOSED DRIVEWAY & FOOTPATH

LEGEND - INTERSECTION DETAIL PLAN ALL PROPOSED, FUTURE & EXISTING SERVICE LOCATIONS ARE SHOWN INDICATIVELY

		EXISTING STA DEVELOPM	AGE 3 PROPOS MENT DEVELO	ED STAGE 4 PMENT		- -		
	011.0.00			500	ALSTREET			
	CH 3.20 RL 47.30	 						
	CH 3.20 ELV. 47.30 OA ELV. 47.45							
VERTICAL GEOMETRY	-3.32 % 0.5 %	 				0.5 %		
HORIZONTAL GEOMETRY DATUM RL45	0.00 %							
DESIGN CENTRELINE	47.41- 47.30- 47.35- 47.43- 47.46-	47.59-	47.64- 47.64-	47.70- 47.71- 47.71-	47.77-	47.81- 47.82- 47.83-	47.89-	47.92-
	_		47.538	47.592 47.595 47.600	47.663	47.705 47.710 47.725	47.788	47.815
EXISTING SURFACE AT RIGHT BOUNDARY			47.555	47.603		47.717 47.741	47.835	47.892
LEFT LIP OF KERB	_		47.538	47.592 47.595 47.600	47.663	47.705 47.710 47.725	47.788	47.815
EXISTING SURFACE AT LEFT BOUNDARY			47.587	47.618 47.619 47.619	47.686	47.738 47.746 47.772	47.876	47.922
EXISTING SURFACE	47.29 47.30 47.33 47.34 47.34	47.52	47.57 47.57	47.61 47.61 47.61	47.66	47.73 47.74 47.77	47.88	47.92
CHAINAGE	0.00 3.20 5.01 7.51 10.01	35.65	46.15 46.69	57.50 58.15 59.19	71.69	80.15 81.10 84.19	96.69	102.15
	L			RTP		RTP		

< ∥	NTERSECTION WITH SOCIAL STREET				
	CH 3:20 EL V. 47.89 CH 11.80 CH 11.80 ELV. 48.00	CH 32.84 ELV. 48.11			
VERTICAL GEOMETRY	-3.33 % 1.34 %	0.5 %			1.06 %
HORIZONTAL GEOMETRY DATUM RL45					
DESIGN CENTRELINE	- 47.99- 47.89- 47.99- 48.00-	48.11-	48.26-	48.39-	48.52-
RIGHT LIP OF KERB	47.896	48.001	48.150	48.283	48.416
EXISTING SURFACE AT RIGHT BOUNDARY	47.860	48.062	48.254	48.425	48.562
LEFT LIP OF KERB	47.896	48.001	48.150	48.283	48.416
EXISTING SURFACE AT	47.741	47.931	48.147	48.325	48.482
EXISTING SURFACE	47.74 47.74 47.74 47.78 47.78	47.99	48.20	48.38	48.52
CHAINAGE	0.00 3.20 10.85 11.80	32.84	46.84	59.34	71.84
	L₽				

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А	23.08.19	ISSUED FOR INFORMATION ONLY	SH/JC	BS	standard drawings or as	s nominated on hard copy plans provided by	DRAFTER	J.Chen		SMEC	
В	19.11.19	ISSUED TO COUNCIL FOR APPROVAL	SH/LC	BS	only. Any discrepancies s	should be discussed with the superintendent.	DESIGNER	S.Hossain			
					Synanagement in	haragement As As anal Management	CHECKED	E.Wang		Member of the Surbana Jurong Group	
					gool good	vironin vironin Viroli	AUTHORISED	B.Sanderson	0 5 10 20	Collins Square, Tower 4, Level 20, 727 Collins St	
		SUBJECT TO APPROV	AL		Ŵ		REFERENCE No. 1		0 0.5 1 2 Scale H1:500, V1:50	Melbourne, VIC 3008 Ph 03 9514 1500	GRO\X/
					Global-Mark.com.au [®]	Global-Mark.com.au [®] Global-Mark.com.au [®]	REFERENCE No. 2		SCALE AS SHOWN AT A1		

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														· ···		DEV	EED STAGE 4 VELOPMENT	FUTURE STAGE 06 DEVELOPMENT
								<u> </u>		4	- F	-						
										CH 167.19 ELV. 48.25								
										-><								1.34 %
96		00	03	04-		13	15	17	53	25	33	38	52	55	88	72	85	22
47.	47.	48.	48.	48.	48. 48.	48.	48.	48.	48. 48.	48. 48.	48.	48.	48.	48.	48.	48.	48.	4 .0
47.850	47.868	47.893	47.920	47.935	47.978 47.983	48.020	48.045	48.063	48.105 48.108	48.140 48.160	48.221	48.275	48.409	48.443	48.577	48.611	48.745	27.7.2 27.7.2 27.7.2
47.966	48.004	48.049	48.111	48.145	48.233 48.243	48.319	48.359	48.405	48.491 48.496	48.569 48.587	48.639	48.681	48.749	48.761	48.836	48.854	48.925	4 4 4 4
47.850	47.868	47.893	47.920	47.935	47.978 47.983	48.020	48.045	48.063	48.105 48.108	48.140 48.160	48.221	48.275	48.409	48.443	48.577	48.611	48.745	40.7.2 2
47.980	48.008	48.046	48.101	48.131	48.209 48.218	48.270	48.299	48.348	48.461 48.468	48.543 48.559	48.606	48.642	48.698	48.705	48.755	48.771	48.836	4 0 0 0
47.98	48.01	48.05	48.11	48.14	48.22 48.23	48.29	48.33	48.37	48.49 48.49	48.56 48.58	48.63	48.67	48.74	48.74	48.78	48.80	48.88	4 0 0
109.19	112.67	117.69	123.17	126.19	134.69 135.67	143.19	148.17	151.69	160.19 160.67	167.19 168.69	173.17	177.19	187.17	189.69	199.67	202.19	212.17	20.4 0.4

RESPECT WAY LONGITUDINAL SECTION



FROLIC STREET LONGITUDINAL SECTION

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		Marigold - Stage 4		
		Wyndham City Council		
77		Road and Drainage		
		Longitudinal Sections - 1		
		Respect Way & Frolic Stre	et	
	MELWAYS REF	PROJECT / DRAWING No.	SHEET №. 07 ∩f 27	
		2000-04-01	010121	D

REV	DATE	AMENDMENT / REVISION DESCRIPTION	DES/DFT	APPROVAL	All setting out should	be carried out in accordance	ce with MPA/Council's	TITLE
А	23.08.19	ISSUED FOR INFORMATION ONLY	SH/JC	BS	standard drawings of SMEC Any digital inf	or as nominated on hard cop formation supplied by this o	py plans provided by	DRAFTER
В	19.11.19	ISSUED TO COUNCIL FOR APPROVAL	SH/LC	BS	only. Any discrepanc	ies should be discussed wit	th the superintendent.	DESIGNER
					Management in	anagement. As	ental Management	CHECKED
					1000 Curati	S A80	ironny	AUTHORISE
	(	SUBJECT TO APPROVA	L				A007	REFERENCI
			_		Global-Mark.com.au®	Global-Mark.com.au®	Global-Mark.com.au®	REFERENC

DWG PATH: V:_Vault\Projects_Urban\2360E-Marigold\2360E-04\Dwgs\2360E-04-08.dwg PRINTED BY: SH14946 on 19/11/2019 at 01:53:13 PM

< <u> </u>	NTERSECTION SOCIAL S CH 3.20	<u>N WITH</u> TREET												CH RI	I 118.15 L 49.16					
	CH 3.20			=											CH 118.15		CH 165.65			
VERTICAL GEOMETRY	-3.33 %							0.5 %							><	-0.5 %	 	-0.54 %		
HORIZONTAL GEOMETRY DATUM RL46																			R= -38.1	m HC
DESIGN CENTRELINE	48.59	48.62- 48.63-	48.67-	48.72-	48.76-	48.80-	48.85-	48.89-	48.93-	48.95- 48.97-	48.97-	49.04-	49.09-	49.10-	49.16-		48.92-		48.46-	48.38-
	_	48.522	48.559	48.612	48.654	48.697	48.739	48.782	48.824	48.848 48.867	48.868	48.929	48.983	48.992	49.054		48.817		48.358	48.277
EXISTING SURFACE AT RIGHT BOUNDARY		48.832	48.863	48.898	48.908	48.924	48.940	48.901	48.893	48.891 48 805	40.033	48.926	48.932	48.929	48.911		48.845		48.560	48.495
LEFT LIP OF KERB	_	48.522	48.559	48.612	48.654	48.697	48.739	48.782	48.824	48.848 48.867	40.001	48.929	48.983	48.992	49.054		48.817		48.358	48.277
EXISTING SURFACE AT LEFT BOUNDARY		48.994	49.020	49.025	49.043	49.073	49.082	49.050	48.999	48.976 48.974	48.974	48.983	48.992	48.989	48.961		48.849		48.625	48.579
EXISTING SURFACE	48.85 48.86	48.91 48.91	48.94	48.97	48.99	49.00	49.02	48.97	48.94	48.94 48.94	40.94	48.95	48.97	48.97	48.94		48.84		48.59	48.53
CHAINAGE	0.00 3.20	10.85 11.80	19.15	29.65	38.15	46.65	55.15	63.65	72.15	76.85 R0.65	80.85	93.15	103.85	105.65	118.15		165.65		249.91	264.93
	L	<u>ط</u>																		

< <u> </u>	NTERSECTION V RESPECT	<u>NITH</u> WAY							NTERSECTION WIT			
	CH 3.20 RL 47 65											
	CH 3.20 ELV. 47.65									···		
VERTICAL GEOMETRY	-3.33 %								0.5 %			
HORIZONTAL GEOMETRY DATUM RL45												
DESIGN CENTRELINE	47.76- 47.65-	47.69-	47.74	47.78- 47.79-	47.83-	47.86	47.89-	47.93 47.94 47.94	48.00-	48.05- 48.05- 48.06-	48.10 <del>-</del>	48.13- 48.14-
RIGHT LIP OF KERB	_	47.587	47.635	47.677 47.683	47.720	47.753	47.782	47.823 47.829 47.833	47.893	47.943 47.947 47.956	47.993	48.026 48.036
EXISTING SURFACE AT RIGHT BOUNDARY		47.611	47.611	47.608 47.608	47.633	47.659	47.665	47.679 47.681 47.684	47.736	47.774 47.776 47.78	47.808	47.853 47.867
LEFT LIP OF KERB	_	47.587	47.635	47.677 47.683	47.720	47.753	47.782	47.823 47.829		47.947 47.956	47.993	48.026 48.036
EXISTING SURFACE AT LEFT BOUNDARY		47.693	47.691	47.687 47.687	47.682	47.676	47.673	47.692 47.696		47.863 47.882	47.933	47.975 47.992
EXISTING SURFACE	47.65 47.64	47.65	47.65	47.65 47.65	47.65	47.67	47.66	47.68 47.68 47.69	47.74	47.82 47.82 47.83	47.87	47.91 47.92
CHAINAGE	0.00 3.20	11.80	21.40	29.90 31.15	38.40	45.15	50.90	59.15 60.20 61.15	73.15	83.15 83.80 85.65	93.15	99.65 101.65
		Ц						LTP		ГТР		



SOCIAL STREET LONGITUDINAL SECTION



# GATHERING GROVE LONGITUDINAL SECTION

	NAME				- Marigold	Stage 4
	J.Chen		SMEC		Wyndham C	City Council
	S.Hossain	-			Ŕoad and	Drainage
	E.Wang	-	Member of the Surbana Jurong Group		Longitudinal	Sections - 2
Ð	B.Sanderson	0 5 10 20	Collins Square, Tower 4, Level 20, 727 Collins St		Social Štreet & G	Bathering Grove
E No. 1		0 0.5 1 2	Melbourne, VIC 3008		MELWAYS REF PROJECT / DRAWING No.	SHEET No. REVISION
E No. 2		SCALE AS SHOWN AT A1	Ph 03 9514 1500	GROWLAND	359 F9 2360E-04-08	08 of 27 B

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REV A B	DATE 23.08.19 19.11.19	AMENDMENT / REVISION DESCRIPTION ISSUED FOR INFORMATION ONLY ISSUED TO COUNCIL FOR APPROVAL	DES/DFT SH/JC SH/LC	APPROVAL BS BS	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 only. Any discrepancies should be discussed with the superintendent.	TITLE DRAFTER DESIGNER CHECKED	NAME J.Chen S.Hossain E.Wang		Member of the Surbana Jurong Group © ABN 47 065 475 149
		SUBJECT TO APPROVA	L		Global-Mark.com.au [®] Global-Mark.com.au [®] Global-Mark.com.au [®]	REFERENCE No. 1 REFERENCE No. 2		0 0.5 1 2 Scale H1:500, V1:50 SCALE AS SHOWN AT A1	Collins Square, Tower 4, Level 20, 727 Collins St Melbourne, VIC 3008 Ph 03 9514 1500
DWG F	ATH: V:_Vault\Pro	ojects_Urban\2360E-Marigold\2360E-04\Dwgs\2360E-04-09.dwg PRINTED BY: SH14946 on 19/11/20	019 at 01:53:20 PN					· · · · · · · · · · · · · · · · · · ·	

			 		CT 01.00 ELV. 46.30	CH 76.88	ELV. 46.41	CH 91.89 ELV. 46.62
VERTICAL GEOMETRY	0.5	5%	0.5 %	>		L= 30	m VC	->
HORIZONTAL GEOMETRY DATUM RL43								
DESIGN CENTRELINE	45.99-	46.02-			46.30-		40.44-	46.62-
RIGHT LIP OF KERB								
EXISTING SURFACE AT RIGHT BOUNDARY								
LEFT LIP OF KERB								
EXISTING SURFACE AT LEFT BOUNDARY								
EXISTING SURFACE	46.22	46.11			46.25	1	40.47	46.69
CHAINAGE	00.0	6.01			61.88	0 0 1	0.00	91.89

CHAINAGE	

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< <u>  </u>	ITERSECTION CHERISH	<u>I WITH</u> DRIVE									<u>₽ROPOSE</u> DE	ED STAGE 04 VELOPMEN										
	CH 3.19 RL 47.62			C R	CH 37.19 RL 47.79		— · · · — · ·								011 472 95				CH 243.34 RL 47.45			
	22				0 0							· · · · =			 	RL 47.10			12 12 12 12 12			
	CH 3.19 ELV. 47.6				CH 37.1 ELV. 47.7											CH 173.8 ELV. 47.1			CH 243.3 FI V 47 4	CH 249.7	ELV. 47.4	CH 261.7
								-(	0.5 %											0.5.%	0.57	0/
GEOMETRY	-3.33 %		0.5 %		><											~~~	(	.5 %	<	0.5 %	-0.57	
TAL GEOMETRY																						
	47.72 [.] 47.62 [.]	47.66- 47.66	47.71	47.77	47.7 <del>9</del>	47.75	47.70	47.65	47.60-	47.57-	47.55 47.53		47.47	47.42-		47.10			47.45	47.42-	47.42	47.35
LIP OF KERB		47.554	47.600	47.662	47.681	47.648	47.596	47.543	47.491	47.463	47.443 47.428		47.360									
NG SURFACE AT BOUNDARY		47.709	47.669	47.649	47.643	47.599	47.537	47.518	47.460	47.425	47.404 47.390		47.347									
P OF KERB		47.554	47.600	47.662	47.681	47.648	47.596	47.543	47.491	47.463	47.443 47.428		47.366									
NG SURFACE AT OUNDARY		47.485	47.440	47.398	47.385	47.354	47.316	47.301	47.283	47.255	47.237 47.224		47.209									
NG SURFACE	47.67 47.64	47.59 47.58	47.55	47.52	47.51	47.47	47.42	47.40	47.37	47.34	47.32 47.31		47.28	47.25		47.23			47.28	47.30	47.30	47.36
AGE	0.00 3.19	10.85 11.80	20.85	33.35	37.19	43.85	54.35	64.85	75.35	80.85	84.85 87.85		100.35	110.85		173.85			243.34	249.70	250.51	20.002 26.1.78
																					256.92 47.30 256.92 47.33 256.92 47.33 47.42 47.42 47.42 47.42 47.32 47.33 47.38 47.42 56.92 47.33 CH 261.78 CH 261.	



EXISTING STAGE 02 DEVELOPMENT	PROPOSED STAGE 04 DEVELOPMENT			CH 218.20 RL 48.69	POSED STAGE 04 EXISTING STAGE 02 DEVELOPMENT DEVELOPMENT
	KAREN ROA				
	CH 157.96 ELV. 47.72		CH 212.46	ELV. 48.73	
1.67 %				5m HC	-0.5 %
47.27-	47.32- 47.53- 47.53- 47.72- 47.72-	47.94- 47.94- 48.16-	4 4 4 8 8 5 5 4 4 8 8 5 5 4 4 8 8 5 5 4 8 8 5 5 4 8 8 5 5 4 8 8 5 5 4 8 8 5 5 4 8 8 5 5 4 8 8 5 5 4 8 8 5 5 4 8 8 5 5 4 8 8 5 5 4 8 8 5 5 4 8 8 5 5 4 8 8 5 5 4 8 8 5 5 4 8 8 5 5 4 8 8 5 5 4 8 8 5 5 4 8 8 5 5 4 8 8 5 5 4 8 8 5 5 4 8 8 5 5 4 8 8 5 5 4 8 8 5 5 4 8 8 5 5 4 8 8 5 5 4 8 8 5 5 4 8 8 5 5 4 8 8 5 5 4 8 8 5 5 4 8 8 5 5 4 8 8 5 5 4 8 8 5 5 4 8 8 5 5 4 8 8 5 5 4 8 8 5 5 4 8 8 5 5 4 8 8 5 5 4 8 8 5 5 4 8 8 5 5 4 8 8 5 5 4 8 8 5 5 4 8 8 5 5 4 8 8 5 5 4 8 8 5 5 4 8 8 5 5 4 8 8 5 5 4 8 8 5 5 5 4 8 8 5 5 4 8 8 5 5 5 5	48.09 48.09 48.69 48.69 48.68 48.68 48.68 48.69 48.69 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63 48.63	<b>48.59</b> <b>48.56</b> <b>48.56</b> <b>48.56</b> <b>48.56</b>
	47.420 47.425 47.436 47.436 47.617 47.636	47.829 47.835 48.051	48.438 48.438	48.572 48.572 48.572 48.573 48.533 48.533	48.485 48.475 48.454 48.454
	47.623 47.626 47.633 47.633 47.633 47.747 47.747	47.945 47.950 48.124	48.355 48.355	48.397 48.399 48.399 48.399 48.399 48.399 48.399	48.419 48.427 48.444 48.444
		47.835 48.051	48,438 48,438	48.572 48.572 48.572 48.555 48.533 48.533 48.528	48,485 48,475 48,454 48,454
		47.787 47.787	48.277 48.278	48.527 48.527 48.528 48.528 48.531 48.534	48.563 48.570 48.576 48.576
47.24 <b>47</b> .35	47.35 47.52 47.52 47.52 47.67 47.67	47.85 47.86 47.86 48.05	48332 48332 48333 48335 48335 48335 48335 48335 48335 48335 48335 48335 48335 48335 48335 48335 48335 48335 48335 48335 48335 48335 48335 48335 48335 48335 48335 48335 48335 48335 48335 48335 48335 48335 48335 48335 48335 48335 48335 48335 48335 48335 48335 48335 48335 48335 48335 48335 48335 48335 48335 48335 48355 48355 48355 48355 48355 48355 48355 48355 48355 48355 48355 48355 48355 48355 48355 48355 48355 48355 48355 48355 48355 48355 48355 48355 48355 48355 48355 48355 48355 48355 48355 48355 48355 48355 48355 48355 48355 48355 483555 483555 483555 483555 483555 483555 483555 483555 4835555 4835555 4835555 48355555 4835555555555	48.42 48.42 48.46 48.46 48.46 48.46 48.46 48.46 48.46 48.46 48.46 48.46	<b>48.49</b> <b>48.50</b> <b>48.52</b> 48.52 48.52
127.11 133 96	133.96 146.16 146.46 147.11 157.96 158.96	169.46 169.76 181.46	202.46 202.51 203.46 205.71	212.54 212.54 212.54 219.22 219.22 229.46 222.46 222.46 225.77 230.33 231.27	<b>239.77</b> <b>241.79</b> <b>245.99</b> 248.27 248.27
CHER	음 RISH DRIVE / REJOICE STRE	는 ET LONGITUDINAL SEG	다ION	RTP HP	



< ^{INT}	ERSECTION WIT REJOICE STREE	<u>H</u> T							
	CH 3.65 ELV. 48.48								
	CH 3.20 ELV. 48.52 CH 3.80 ELV. 48.63								
VERTICAL GEOMETRY	-3.33 % -8.89 %	6				0.77	[,] %		
HORIZONTAL GEOMETRY DATUM RL46									
DESIGN CENTRELINE	48.63- 48.52- 48.48- 48.63-	48.68-	48.73-	48.78-	48.83- 48.85-	48.88-	48.93-	48.98-	49.03-
RIGHT LIP OF KERB		48.775	48.821	48.872	48.922 48.937	48.972	49.022	49.072	49.122
EXISTING SURFACE AT RIGHT BOUNDARY		48.561	48.607	48.659	48.705 48.716	48.742	48.781	48.823	48.871
LEFT LIP OF KERB		48.775	48.821	48.872	48.922 48.937	48.972	49.022	49.072	49.122
EXISTING SURFACE AT LEFT BOUNDARY		48.546	48.598	48.655	48.703 48.714	48.740	48.783	48.833	48.884
EXISTING SURFACE	48.46 48.49 48.50 48.50	48.55	48.60	48.66	48.70 48.72	48.74	48.78	48.83	48.88
CHAINAGE	0.00 3.20 3.65 3.80	10.15	16.15	22.65	29.15 31.15	35.65	42.15	48.65	55.15

PURE LANE LONGITUDINAL SECTION

REV A B	DATE 23.08.19 19.11.19	AMENDMENT / REVISION DESCRIPTION ISSUED FOR INFORMATION ONLY ISSUED TO COUNCIL FOR APPROVAL	DES/DFT SH/JC SH/LC	APPROVAL BS BS	All setting out should be carried out in accordance standard drawings or as nominated on hard copy SMEC. Any digital information supplied by this off only. Any discrepancies should be discussed with	with MPA/Council's y plans provided by ice is for information the superintendent.		NAME J.Chen	
Г		SUBJECT TO APPROVA			Nanagement. In go of the state	Management, SO14007	CHECKED AUTHORISED REFERENCE No. 1	E.Wang B.Sanderson	0 5 10 20 0 0.5 1 2 Scale H1:500 V1:50
DWG P	ATH: V:\ Vault\Pro	iects Urban\2360E-Mariaold\2360E-04\Dwas\2360E-04-10.dwa PRINTED BY: SH14946 on 19/11/20	)19 at 01:53:26 F	PM	Global-Mark.com.au [®] Global-Mark.com.au [®]	Global-Mark.com.au®	REFERENCE No. 2		SCALE AS SHOWN AT A1

H: V:_Vault\Projects_Urban\2360E-Marigold\2360E-04\Dwgs\2360E-04-10.dwg





FUN LANE LONGITUDINAL SECTION





VERTICAL GEOMETRY

HORIZONTAL GEOMETRY DATUM RL45

DESIGN CENTRELINE

RIGHT LIP OF KERB

LEFT BOUNDARY

CHAINAGE

EXISTING SURFACE AT

		Marigold - Stage 4									
		Wyndham City Council									
77		Road and Drainage									
		Longitudinal Sections - 4									
		Pure Lane & Fun Lane									
	MELWAYS REF	PROJECT / DRAWING No.	SHEET №. 10 of 27								
	1 222 22										

<u>= 04</u>			INT SO CH RI	ERSEC CIAL ST 1 65.50 - 48.23	TION V REET	<u>with</u>
1.37	7 %		-100.(	07 %  3.33 8.89 %	%	
47.98	18.07	40.07	48.17	48.23 48.08 48.08	48.22	
48.052	121	40.131	48.216			
47.796	17 870	47.938	47.960			
48.052	121	40.131	48.216			
47.791	17 966	47.916	47.936			
47.79	17 87	47.92	47.94	47.99 47.99 47.99	48.03	
47.65	ЕЛ 16	59.15	61.15	65.50 65.65 66.10	69.30	

			0.c. 0.6m o	16m	0.6m		
		<u>0.05m 1.5m  </u>	2.5m 0.011 3 B2	<u>5.2m 3.2r 3.2r</u>		<u>∞m 1.5m i 0.05m</u>	
		<u>1 in 50</u>	<u>1 in 30</u>	in <del>301 in1 in</del>	<u>30 — 1 ir</u>	<u>1 30 1 in 50</u>	
		EB				KBL	
C [	DATUM47.0 DESIGN SURFACE	48.14	48.03	48.03	47.92	48.15 48.15 48.15 48.15	
E	EXISTING SURFACE	48.10 48.10 48.10	48.10	48.11	48.11	48.11 48.11 48.11	
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				CH 123.17			
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				in_301 in1			
Γ	DATUM47.0						
Ē	DESIGN SURFACE	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	2 47.90	2 47.95	2 47.95	48.05 48.05 48.05 48.05	
E	EXISTING SURFACE	47.95	47.95	47.95	47.95	47.90	
C	OFFSET	-7.86	-3.80	0.00	3.20	6.60 8.11 8.15	
				CH 102.15			
		1 in 50	1 in 30	20		1 30 <u>1 in 50</u>	
				<u>in su 1 in </u>	30		
r		BL				RBL	
	DESIGN SURFACE	47.93	47.82	47.82	47.71	47.91	
E	EXISTING SURFACE	47.75 47.75 47.75	47.75 47.74	47.74	47.73 47.73	47.72 47.72 47.72	
-	 DFFSET	-7.85 -7.80 -6.30	-3.80 -3.20	0.00	3.20	6.60 8.10 8.15	
				RTPCH 81.10			
		1 in 50	1 in 15		1 in	30 1 in 50 1 in 3	30
				<u>in 30 1 in .</u>	30		
Г	DATUM46.0	E				KBL	
Ē	DESIGN SURFACE	47.90 - 47.90 - 47.87 -	47.70 - 47.59 -	47.70 -	47.59 - 47.70 -	47.80 - 47.83 - 47.83 -	47.72 -
E	EXISTING SURFACE	47.62 47.62 47.62	47.61	47.61	47.61 47.61	47.61 47.60 47.60	47.60
C	OFFSET	-7.85 -7.80 -6.30	-3.80 -3.20	0.00	3.20	6.60 8.10 8.15	11.35
				RTPCH 57.50			
		1 in 50	<u>1 in 15</u>	in 30 1 in	30 <u>1 in</u>	15 1 in 50	
Γ	DATUM46.0		4 2	4	2 4		1
Ē	DESIGN SURFACE	0 47.8 47.8 47.8 47.8	8 47.6 ¹ 8 47.5 ¹	7 47.6	7 47.5.	55 6 47.8 47.8 47.8	
E	EXISTING SURFACE	5 47.5 47.5 47.5	0 47.5 0 47.5	0 47.5	0 47.5 0 47.5	5 47.5 47.5	
C	OFFSET	-7.85 -7.86 -6.30	-3.80 -3.20	0.0	3.2(3.3)	6.6( 8.11 .15	
				CH 46.69			
DATE AMENDMENT / REVISION DESCRIPTIO	ON	DES/DFT APPROVAL All settir	g out should be carried out in a	ccordance with MPA/Counci	il's TITLE	NAME	
				hard conviolance provided by			
23.08.19ISSUED FOR INFORMATION OF19.11.19ISSUED TO COUNCIL FOR APP	NLY PROVAL	SH/JC BS Standa SH/LC BS SMEC.	a drawings or as nominated on Any digital information supplied v discremancies should be discre-	by this office is for information	y on DRAFTER nt	J.Chen	
23.08.19 ISSUED FOR INFORMATION ON 19.11.19 ISSUED TO COUNCIL FOR APP	NLY PROVAL	SH/JC BS Standa SH/LC BS SMEC only. An	a drawings or as nominated on Any digital information supplied y discrepancies should be discu	by this office is for information ussed with the superintender	y DRAFTER nt. DESIGNER CHECKED	J.Chen S.Hossain E.Wang	
23.08.19 ISSUED FOR INFORMATION ON 19.11.19 ISSUED TO COUNCIL FOR APP		SH/JC BS SMEC	a drawings or as nominated on Any digital information supplied y discrepancies should be discu	by this office is for information ussed with the superintender	y on nt. DESIGNER CHECKED AUTHORISED REFERENCE No	J.Chen S.Hossain E.Wang B.Sanderson 1	0 1 2 0 0.5 1

DWG PATH: V:_Vault\Projects_Urban\2360E-Marigold\2360E-04\Dwgs\2360E-04-11.dwg PRINTED BY: SH14946 on 19/11/2019 at 02:04:14 PM









	 1 in 50	1 in 30		<u> </u>	1 in 30			<u>in 30</u>	1 in 50		
DATUM47.0										Ľ.	
DESIGN SURFACE	49.00 49.00	48.97	48.89 48.78		48.89	48.78	48.89		48.98	49.01 49.01	
EXISTING SURFACE	48.86 48.86	48.86	48.88 48.88		48.90	48.91	48.92		48.93	48.94 48.94	
OFFSET	-7.85 -7.80	-6.30	-3.80 -3.20		0.00	3.20	3.80		09.9	8.10 8.15	

CH 214.69

		_1 in 50	1 in 30		1i
DATUM47.0	_	Ν			
DESIGN SURFACE		48.67 48.67	48.64	48.55	48.44
EXISTING SURFACE		48.70	48.71	48.73	48.73
OFFSET		-7.85	-6.30	-3.80	-3.20

	<u> </u>	1 in (	50	1 in 30		1 ii
DATUM47.0 DESIGN SURFACE		48.44 48.44 48.44	48.41		40.33	48.22
EXISTING SURFACE		48.61 48.61	48.61	0 U U	40.02	48.62
OFFSET		-7.85 -7.80	-6.30		-3.80	-3.20

	<u>_1in</u>	50	<u>- 1 in 30</u> 1 ir
DATUM47.0 DESIGN SURFACE	48.27	48.24	48.16
EXISTING SURFACE	48.30 48.30	48.31	48.32 48.32
OFFSET	-7.85 -7.80	-6.30	-3.80





	·	in 301 in <del>50</del>		:	
in 30 1 in 30					
		RBL			
18.55	18.55	12 12 12 12 12 12 12 12 12 12 12 12 12 1			
48.74 2	48.75	48.75 48.75 448.76 448.76			
0.00	3.20	88 6 8.10 6 8.10 6			
CH 189.69					
in 30 1 in 30					
		RE			
18.33	48.22	18.45 18.45 18.45			
48.63	48.63 48.63 448.63	48.64			
0.00	3.20	6.60 88.10 8.10 8.10			
CH 173.17					
	· — — —	in 30 <u>1 in <del>50</del></u>		:	
in 30 1 in 30					
		RBL			
48.15 -	48.05 - 48.16 -	48.25 - 48.28 - 48.28 -			
48.33	48.34 48.34	48.35 48.36 48.36 48.36			
0.00	3.20 3.80	6.60 8.15 8.15			
CH 148.17					
7		Marigo	ld - Stage 4		
		Wyndhan	n City Council		
		Cross Sectio	ns: Respect V	Vay	
	MELWAYS REF			SHEET No. 11 of 77	REVISION
	1 999 LA	23000-04-11		<u>                                       </u>	

REV A B	DATE 23.08.19 19.11.19	AMENDMENT / REVISION DESCRIPTION ISSUED FOR INFORMATION ONLY ISSUED TO COUNCIL FOR APPROVAL	DES/DFT SH/JC SH/LC	APPROVAL All settin BS SMEC. only. Ar	etting out should be carried out in accordance with MPA/Council's indard drawings or as nominated on hard copy plans provided by C. Any digital information supplied by this office is for information Any discrepancies should be discussed with the superintendent.	TITLE DRAFTER DESIGNER CHECKED	NAME         J.Chen         S.Hossain         E.Wang		Member of the Surbana Jurong Group	
		SUBJECT TO APPROVA	L		Mark.com.au [®] Global-Mark.com.au [®] Global-Mark.com.au [®]	AUTHORISED REFERENCE No. 1 REFERENCE No. 2	B.Sanderson	0 1 2 4 0 0.5 1 2 Scale H1:100, V1:50 SCALE AS SHOWN AT A1	Collins Square, Tower 4, Level 20, 727 Collins St Melbourne, VIC 3008 Ph 03 9514 1500	GROWI

OFFSET	-9.85	-7.85 -7.80 -6.30		-3.80	0.00	3.20 3.80	6.60	88. 15. 0
					CH 32.84			
DATUM47.0	 1 in 50	1 in 20		1 in 30	1 in 30	1 in 20 1 in 50		
DESIGN SURFACE	48.16 - 48.16 - 48.13 -		48.01 - 47.90 -	48.00 -	47.90 -	48.15 -	48.18 - 48.18 -	
EXISTING SURFACE	47.74 47.74 47.75		47.76 47.77	47.79	47.82 47.82	47.85	47.86 47.86	
OFFSET	-7.85 -7.80 6.30	0 0 0 0	-3.80 -3.20	0.00	3.20	6.60	8.10 8.15	

TPCH 11.80

					CH 59.34	
	 1 in	<u>7.8 1 in</u>	50 1	<u>in 20</u>	<u>1 in 30 1</u>	<u>in 3</u>
DATUM47.0 DESIGN SURFACE	48.52	48.27	48.24	48.11	48.11	
EXISTING SURFACE	47.92	47.93 47.93	47.94	47.96	47.99	

DWG PATH: V:_Vault\Projects_Urban\2360E-Marigold\2360E-04\Dwgs\2360E-04-12.dwg PRINTED BY: SH14946 on 19/11/2019 at 01:54:15 PM

	 -	1 in 50	<u>1 in 20</u>	<u>1 in 30</u>	1 in 20	1 in 50	
DESIGN SURFACE	48.55 - 48.55 - 48.55 -	48.55 <del>-</del> 48.52 <del>-</del>	48.39 -	48.39 -	48.28 -	48.53 -	48.50
EXISTING SURFACE	48.31 48.32	48.32 48.33	48.35 48.36	48.38	48.40	48.42	48.43
OFFSET	-9.85 -7.85	-7.80	-3.80 -3.20	0.00	3.20	6.60	ο
				CH 59.3	4		

CH 84.34

					CH 110.85		
	 1 in	50			<u> </u>		_
DATUM47.0	 TBL						
DESIGN SURFACE	48.81 48.81	48.78	48.66	48.55	48.66	48.55	48.66
EXISTING SURFACE	48.63 48.63	48.63	48.64	48.65	48.66	48.68	48.68
OFFSET	-7.85 -7.80	-6.30	-3.80	-3.20	0.00	3.20	3 80

						16m	
	<u>0.05m</u>	1.5m	2.5m	0.6m	3.2m	3.2m	0.6m
	 	in 50	1 in 20		<u> </u>	 1 <u>in 30</u>	
DATUM48.0 DESIGN SURFACE	49.09 LBL	49.06		48.94		48.94	48.83
EXISTING SURFACE	48.93 48.93	48.94		48.94 48.94		48.95	48.97 48.97
	-7.85 -7.80	-6.30		-3.80 -3.20		0.00	3.20 3.80







DATUM48.0
DESIGN SURFACE
EXISTING SURFACE
OFFSET

1 in :	50 <u>1 in 20</u>	<u>1in 30</u>	1 in	30 1 in 20	0 1 in 50	·
49.36 - 49.36 -	49.33 -	49.21 - 49.10 -	49.20 -	49.10 - 49.21 -	49.35 - 49.38 - 49.38 -	
490.19 49.19	49.19	49.19 49.19	49.19	49.21 49.22	49.23 49.23 49.23	
-7.85	-6.30	-3.80 -3.20	0.00	3.20 3.80	6.60 8.10 8.15	

CH 135.85

	_
$\times$	$\langle \rangle$
	X
	X
$\times$	X
$\langle \times \times \times$	$\geq$

# STRUCTURAL FILL REQUIRED UNDER PAVEMENT AND FOOTPATHS WHERE CONSTRUCTED ABOVE EXISTING SURFACE

	7	
<u> </u>	AND	

# Marigold - Stage 4 Wyndham City Council Road and Drainage Cross Sections: Frolic Street

 MELWAYS REF
 PROJECT / DRAWING No.

 359 F9
 2360E-04-12

SHEET NO. REVISION B

	0.05m 1.5m 2.5m 0.6m 3.2m 3.2m 0.6m 2.8m 1.5m 0.05m B2 B2 B2		
_	1 in 50 1 in 15 1 in 30 1 in 30 1 in 15 1 in 50		1 in 35.5 1 in 50 1 in 45 RESERVE
-		—	
DATUM47.0			
DESIGN SURFACE	$\begin{array}{cccccccccccccccccccccccccccccccccccc$		
EXISTING SURFACE	47.86 47.86 47.82 47.82 47.78 47.78	DATUM47.0	
	88     9     33     30     33     88     9       88     9     33     30     33     88     9	DESIGN SURFACE	88 8 7 7 2 8 8 8 7 7 7 8 8 8 8 7 7 7 7 8 8 8 8 7 7 8 8 8 7 8 7 8 8 8 7 8 7 8 8 8 7 7 8 8 8 7 7 8 8 8 7 8 7 8 8 8 7 7 8 8 8 7 7 8 8 8 7 7 8 7 8 7 8 7 8 8 8 7 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 7 7 7 7 7 7 7 7 7 7 7 7
		EXISTING SURFACE	48.7       48.7       48.7       5         48.7       7       7       56         48.7       7       7       56
	LIPCH 83.80	OFFSET	6 3 3 3 50 0 0 0 0 0 0 0 10 10 10 10 10 10 10 10
-	1 in 50 1 in 15 1 in 50 1 in 30 1 in 30 1 in 30	_	CH 188.86
_			1 in 50 1 in 15 1 in 50 RESERVE
DATUM47.0		 	1 in 30 1 in 30 1 in 30
DESIGN SURFACE	48.         47.         47.           48.         47.         47.	_	
	47.77 47.65 47.65 47.65 47.65 47.65 47.65 47.65 47.65 47.65 47.65		
OFFSET	-7.85 -7.80 7.80 	DATUM47.0 DESIGN SURFACE	+     +     +     +     +     +       +     +     +     +     +     +     +       +     +     +     +     +     +     +       +     +     +     +     +     +     +       +     +     +     +     +     +     +       +     +     +     +     +     +     +       +     +     +     +     +     +     +       +     +     +     +     +     +     +       +     +     +     +     +     +     +       +     +     +     +     +     +     +       +     +     +     +     +     +     +       +     +     +     +     +     +     +       +     +     +     +     +     +     +       +     +     +     +     +     +     +       +     +     +     +     +     +     +       +     +     +     +     +     +     +       +     +     +     +     +     +       +     +
	LTPCH 60.20		88     8     88     88     84       98     88     88     88     84       99     92     92     92     92
_	1 in 50 1 in 50		
_			ởở ý ý í Ó N N Ó V V OÔ
			CH 172.26
			1 in 50 1 in 15 1 in 30 1 in 30 1 in 15 1 in 50 1 in 6 RESERVE
DATUM46.0			
DESIGN SURFACE	48.03         48.03         48.03         48.03         47.72         47.83         47.83         48.05         48.05		
EXISTING SURFACE	47.68 47.68 47.65 47.65 47.65 47.65 47.65 47.65 47.65	DATUM47.0	
		DESIGN SURFACE	48.8 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.48 48.488 48.488 48.488 48.488 48.488 48.488 48.488 48.4888 48.4888 48.4888888888
	CH 38 40	EXISTING SURFACE	48       38       33       32       33       33       33       33       33       33       33       33       33       33       33       33       33       33       33       33       33       33       33       33       33       33       33       33       33       33       33       33       33       33       33       33       33       33       33       33       33       33       33       33       33       33       33       33       33       33       33       33       33       33       33       33       33       33       33       33       33       33       33       33       33       33       33       33       33       33       33       33       33       33       33       33       33       33       33       33       33       33       33       33       33       33       33       33       33       33       33       33       33       33       33       33       33       33       33       33       33       33       33       33       33       33       33       33       33       33       33       33 <td< th=""></td<>
		OFFSET	-8.15 -8.15 -3.20 -3.20 -3.20 -3.20 -5.60 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20
		_	LTPCH 154.41
			1 in 50
DATUM46.0			
DESIGN SURFACE	47.94         47.94         47.14         47.14         47.14         47.91         47.93         47.93         47.93         47.93         47.93         47.93         47.93         47.93         47.93         47.96         47.96	DATUM47.0	
EXISTING SURFACE	47.65 47.65 47.65 47.65 47.65 47.65 47.65 47.65 47.65	DESIGN SURFACE	48.53         48.53         48.20         48.31         48.31
	-7.85 -7.85 -6.30 -6.60 -6.60 -3.20 -6.30 -6.30 -6.30 -6.30 -6.30 -6.30 -6.30 -6.30 -6.30 -6.30 -6.30 -6.30 -6.30 -6.30 -6.30 -6.30 -6.30 -6.30 -6.30 -6.30 -6.30 -6.30 -6.30 -6.30 -6.30 -6.30 -6.30 -6.30 -6.30 -6.30 -6.30 -6.30 -6.30 -6.30 -6.30 -6.30 -6.30 -6.30 -6.30 -6.30 -6.30 -6.30 -6.30 -6.30 -6.30 -6.30 -6.30 -6.30 -6.30 -6.30 -6.30 -6.30 -6.30 -6.30 -6.30 -6.30 -6.30 -6.30 -6.30 -6.30 -6.30 -6.30 -6.30 -6.30 -6.30 -6.30 -6.30 -6.30 -6.30 -6.30 -6.30 -6.30 -6.30 -6.30 -6.30 -6.30 -6.30 -6.30 -6.30 -6.30 -6.30 -6.30 -6.30 -6.30 -6.30 -6.30 -6.30 -6.30 -6.30 -6.30 -6.30 -6.30 -6.30 -6.30 -6.30 -6.30 -6.30 -6.30 -6.30 -6.30 -6.30 -6.30 -6.30 -6.30 -6.30 -6.30 -6.30 -6.30 -6.50 -6.30 -6.50 -6.50 -6.50 -6.50 -6.50 -6.50 -6.50 -6.50 -6.50 -6.50 -6.50 -6.50 -6.50 -6.50 -6.50 -6.50 -6.50 -6.50 -6.50 -6.50 -6.50 -6.50 -6.50 -6.50 -6.50 -6.50 -6.50 -6.50 -6.50 -6.50 -6.50 -6.50 -6.50 -6.50 -6.50 -6.50 -6.50 -6.50 -6.50 -6.50 -6.50 -6.50 -6.50 -6.50 -6.50 -6.50 -6.50 -6.50 -6.50 -6.50 -6.50 -6.50 -6.50 -6.50 -6.50 -6.50 -6.50 -6.50 -6.50 -6.50 -6.50 -6.50 -6.50 -6.50 -6.50 -6.50 -6.50 -6.50 -6.50 -6.50 -6.50 -6.50 -6.50 -6.50 -6.50 -6.50 -6.50 -6.50 -6.50 -6.50 -6.50 -6.50 -6.50 -6.50 -6.50 -6.50 -6.50 -6.50 -6.50 -6.50 -6.50 -6.50 -6.50 -6.50 -6.50 -6.50 -6.50 -6.50 -6.50 -6.50 -6.50 -6.50 -6.50 -6.50 -6.50 -6.50 -6.50 -6.50 -6.50 -6.50 -6.50 -6.50 -6.50 -6.50 -6.50 -6.50 -6.50 -6.50 -6.50 -6.50 -6.50 -6.50 -6.50 -6.50 -6.50 -6.50 -6.50 -6.50 -6.50 -6.50 -6.50 -6.50 -6.50 -6.50 -6.50 -6.50 -6.50 -6.50 -6.50 -6.50 -6.50 -6.50 -6.50 -6.50 -6.50 -6.50 -6.50 -6.50 -6.50 -6.50 -6.50 -6.50 -6.50 -6.50 -6.50 -6.50 -6.50 -6.50 -6.50 -6.50 -6.50 -6.50 -6.50 -6.50 -6.50 -6.50 -6.50 -6.50 -6.50 -6.50 -6.50 -6.50 -6.50 -6.50 -6.50 -6.50 -6.50 -6.50 -6.50 -6.50 -6.50 -6.50 -6.50 -6.50 -6.50 -6.50 -6.50 -6.50 -6.50 -6.50 -6.50 -6.50 -6.50 -6.50 -6.50 -6.50 -6.50 -6.50 -6.50 -6.50 -6.50 -6.50 -6.50 -6.50 -6.50 -6.50 -6.50 -6.50 -6.50 -6.50 -6.50 -6.50 -6.50 -6.50 -6.50 -6.50 -6.50 -6.50 -6.50 -6.50 -6.50 -6.50 -6.50 -6.50 -6.50	EXISTING SURFACE	48       48       48       48       48       48       48       22         48       48       48       00       48       00       17       0       22         48       48       00       12       00       12       17       17         10       00       00       12       12       17       17       14
	CH 21 40	OFFSET	88.15 8.12 8.12 8.12 9.12 9.12 9.12 9.12 9.12 9.12 9.12 9
	$\frac{1 \text{ in } 50}{1 \text{ in } 15} \frac{1 \text{ in } 15}{1 \text{ in } 30} \frac{1 \text{ in } 30}{1 \text{ in } 30} \frac{1 \text{ in } 15}{1 \text{ in } 30}$	_	
			<u>1 in 50 1 in 15</u> 1 in 30 1 in 15 1 in 50
DATUM46.0		DATUM47.0	
DESIGN SURFACE	47.89         47.89         47.89         47.69         47.69         47.69         47.69	DESIGN SURFACE	48     48     48     48     48     48     48       48     48     48     48     48     33       48     48     48     48     33
EXISTING SURFACE	47.69 47.69 47.67 47.65 47.65 47.65 47.65 47.65 47.65 47.65 47.65 47.65	EXISTING SURFACE	47.99 47.95 47.96 47.90 47.90 47.90 47.90
OFFSET		OFFSET	88.10 8.11 8.11 9.12 1.12 1.12 1.12 1.12 1.12 1.12 1
	TPCH 11.80		CH 101.65
REV     DATE     AMENDMENT / REVISION DESCRIPTION       A     23.08.19     ISSUED FOR INFORMATION ONLY	DES/DFT       APPROVAL       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       TITLE       NAME         SH/JC       BS       Standard drawings or as nominated on hard copy plans provided by SMEC       DBAETER       L Cher		Marigold - Stage 4
B19.11.19ISSUED TO COUNCIL FOR APPROVALC20.12.19COUNCIL COMMENTS	SH/LC     BS     Sivie C. Any digital information supplied by this office is for information only. Any discrepancies should be discussed with the superintendent.     Discretion     Discretion       SH/LC     BS     Sivie C. Any digital information supplied by this office is for information     DESIGNER     S.Hossain		Road and Drainage
	CHECKED E.Wang	1 2 4	Cross Sections: Social Street
SUBJECT TO APPI		.5 1 2 11:100, V1:50	Collins Square, Tower 4, Level 20, 727 Collins St Melbourne, VIC 3008 Ph 03 9514 1500 MELWAYS REF PROJECT / DRAWING No. MELWAYS REF PROJECT / DRAWING No. REVISION
	Global-Mark.com.au [®] Global-Mark.com.au [®] Global-Mark.com.au [®] REFERENCE No. 2 SCALE AS	SHOWN AT A1	<u> 「 「 「 「 「 」 」 」 」 」 」 」 」 、 、 、 、 、 、 、</u>

DWG PATH: V:_Vault\Projects_Urban\2360E-Marigold\2360E-04\Dwgs\2360E-04-13.dwg PRINTED BY: SH14946 on 20/12/2019 at 01:46:02 PM





_____16m

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	 1 in 50 <u>1 in 15</u>	1 in 30	1 in 30	1 in 15	1 in 50	
DATUM47.0 DESIGN SURFACE	48.34	48.15	48.14	48.04	48.33	48.36 48.36
EXISTING SURFACE	47.99 47.99 47.98	47.95 47.94	47.92	47.90	47.88	47.87
OFFSET	-7.85 -7.80 -6.30	-3.80 -3.20	0.00	3.20 3.80	6.60	900 500





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$\times$	$\times$
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		DATUM47.0 DESIGN SURFACE	49.16	49:00 49:00	48.97	48.79	48.78	48.68
		EXISTING SURFACE	48.91	48.93 48.93	48.93	48.94	48.96	48.98 48.98
		 OFFSET	-10.15	-8-75 -8.15	-6.60	-3.80	00.00	3.20 3.80
		L				RTP	PCH 212.46	
						SOCIAL S	<u>STREET</u>	
REV A	DATE 23 08 19	AMENDMENT / REVISION DESCRIPTION	DES/DF	FT APPROVA	L All setting standard	out should be carried out in a I drawings or as nominated on	ccordance with MPA/Council's hard copy plans provided by	TITLE
В	19.11.19	ISSUED TO COUNCIL FOR APPROVAL	SH/L0	C BS	SMEC. Ar	ny digital information supplied	by this office is for information	DRAFTER
					anagem	ent.	Nanagen-	DESIGNER
					ille Man	Too shanas	NTS LING	
					³ 🕻 🗸	) 🖣 🖁 🖌	01402	
		SURJECT TO	PPROVAL					
DWG PA	TH: V:_Vault\Pro		PRINTED BY: SH14946 on 19/11/2019 at 01:54:	35 PM	Global-Mark.	com.au Giobai-Mark.coi	m.au Giobal-Mark.com.au	

0.05m

<u>1 in 14.8</u>

<u>1 in 12.9</u>

<del>1</del>0

15

LBL

49.18-49.18-49.15-

49.16 49.16 49.17

-8.15 -8.10 -6.60

1 in 50

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DATUM48.0

OFFSET

DESIGN SURFACE

EXISTING SURFACE

_____



LE	NAME		
RAFTER	J.Chen		
SIGNER	S.Hossain		
IECKED	E.Wang		
ITHORISED	B.Sanderson	0 1 2 4	
FERENCE No. 1		0 0.5 1 2 Seele H1:100 V1:50	
FERENCE No. 2		SCALE AS SHOWN AT A1	

0.6m

1 in 30

49.20

00.0

_____ 1 in 30

CH 236.81

1 in 30

1 in 30

48.96-48.85-

49.18 49.19

-3.80 -3.20





	Marigold - Stage 4							
	Wyndham City Council							
77	Road and Drainage							
	Cross Sections: Social Street							
	Ch 212.46 - Ch 236.26 & Fun Lane							
				REVISION				
	359 F9	2360E-04-14	14 01 27	В				

# FUN LANE

CH 31.15

	1	in 30				
				RBL		
17 76	07.74	17 85 -	00.14	06.14		
17 E8	00.14	17 58	00.14	47.70 00.14		
	00.0	0 7F		4.20		

# CH 41.15

	1 in 30	
47.88-	47.97	48.02
47.71	47.71	47.71
00.0	2.75	4.20

# CH 54.15

	2.75m	1.45m	
	1 in 30		
			RBL
18 0.4		40.13	2 2 2 7
17 87		47.88	2
		C/.7	t 1

DATUM47.0					
DESIGN SURFACE	49:0 48:8 48:8 48:8 48:8 48:8 48:8 48:8 48:9 48:8 48:9 48:8 48:9 48:9 48:8 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9 48:9				
EXISTING SURFACE	49.05         49.05         49.06         49.07         49.07         49.07         49.07         49.07         49.07         49.07         49.07         49.07         49.07         49.07         49.07         49.07         49.07         49.07         49.07         49.07         49.07         49.07         40.07         40.07         40.07         40.07         40.07         40.07         40.07         40.07         40.07         40.07         40.07         40.07         40.07         40.07         40.07         40.07         40.07         40.07         40.07         40.07         40.07         40.07         40.07         40.07         40.07         40.07         40.07         40.07         40.07				
OFFSET	-8.15 -8.15 -6.60 -6.50 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20				
	CH 63.65				
<u> </u>	1 in 501 in 301 in 301 in 301 in 50RESERVE	=			
			<u>1 in 50 1 in 30</u> 1 in 30	1 in 30 1 in 50	
DATUM47.0					
DESIGN SURFACE	48.93         48.93           48.92         48.81           48.92         90           48.92         90           48.92         90           48.92         90           48.92         90           48.92         90           48.92         90			Service Servic	
EXISTING SURFACE	49.07 49.07 49.06 49.04 49.03 49.03 49.03 48.97 48.97 48.97 48.97 48.97 48.97 48.97 48.97 48.97 48.97 48.97 48.97 48.97 48.97 48.97	DESIGN SURFACE	49.29 49.29 49.26 49.05	49.16 + 49.05 + 49.25 + 49.28 +	
OFFSET	-8.15 -8.15 -8.10 -6.60 -6.60 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80 -3.80	EXISTING SURFACE	48.95 48.95 48.95	48.94 48.93 48.93 48.92 48.91 48.91	
	CH 46.65	OFFSET	-8.15 -8.15 -6.60 -3.20	0.00 3.20 3.80 6.30 7.85	
				CH 118.15	
	1 in 50 1 in 30 1 in 3		1 in 501 in 30	1 in 30 1 in 50	
		— — -			
			<u>ы</u>	SBI STATE	
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	9     9     9     9     9     9     9       9     9     9     9     9     4     4       8     9     9     4     4     4	EXISTING SURFACE	48.99 48.99 48.98 48.98 48.98	48.97 48.95 48.95 48.93 48.93 48.93	
		 OFFSET	-8-8-8-15 -3.20 -3.20	0.00 3.20 3.80 6.30 7.85	
OFFSET	യുയു ശ്ന്ന്ന് വ്ന്ന് ശ്ന്ന് യ്ന് 			CH 105.65	
	CH 29.65				
	<u>1 in 50</u> 1 in 30 <u>1 in 30</u> <u>1 in 30</u> <u>1 in 30</u> <u>1 in 50</u> <u>RESERVE</u>			<u>1 in 30</u> <u>1 in 50</u> <u>1 in </u>	
DATUM47.0		DATUM47.0		KBI	
DESIGN SURFACE	48.76         48.75         48.75         48.75         48.75         48.75         48.75         48.75         48.75	DESIGN SURFACE	49.10 49.10 49.07 48.98 48.87	48.97 48.87 48.98 49.06 49.09	
EXISTING SURFACE	48.99         48.99         48.99         48.99         48.99         48.95         48.95         48.95         48.95         48.95         48.95         48.95         48.95         48.95         48.95         48.95         48.88         48.88         48.88         48.88         48.88         48.88         48.88         48.88         48.88         48.88         48.88         48.88         48.88         48.88         48.88         48.88         48.88         48.88         48.88         48.88         48.88         48.88         48.88         48.88         48.88         48.88         48.88         48.88         48.88         48.88         48.88         48.88         48.88         48.88         48.88	EXISTING SURFACE	48.97 48.97 48.97 48.95 48.95	48.94 48.92 48.91 48.90 48.89 48.89	
OFFSET	-8.15 -8.15 -8.15 -8.15 -8.15 -3.20 -6.60 -6.60 -6.60 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -3.20 -2.28 -3.20 -2.28 -3.20 -2.28 -3.20 -2.28 -3.20 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28 -2.28	OFFSET	-8.15 -6.60 -3.20 -3.20	0.00 3.20 3.80 6.30 7.85	
	CH 11.80			CH 80.65	
	DESIDE I       APPROVAL       All setting out should be carried out in accordance with MPA/Council's       IIILE       NAME         SH/JC       BS       standard drawings or as nominated on hard copy plans provided by       DRAFTER       J.Chen         SH/JC       BS       SMEC. Any digital information supplied by this office is for information       DRAFTER       J.Chen		SMEC		warigold - Stage 4 Wyndham City Council
COMMENTS	ST/LC     BS     only. Any discrepancies should be discussed with the superintendent.     DESIGNER     S.Hossain       SH/LC     BS     Image: Manage ment of the superintendent of the superintendent.     Image: Manage ment of the superintendent of the superintendent.     Image: Manage ment of the superintendent of the superintendent.     Image: Manage ment of the superintendent of the superintendent of the superintendent.		Member of the Surbana lurong Group		Road and Drainage
	Image: Second	1 2 4	Collins Square Tower 4 Level 20, 727 Collins St		Cross Sections: Gathering G
SIFCT TO APPR		0.5 1 2 H1:100. V1:50	Melbourne, VIC 3008		EF PROJECT / DRAWING No.





16m								
3.2m	3.2m	0.6m B2	2.5m		 	<u>05m</u>		
1 in 30	<u> </u>		1 in 30	1 in 50	_	1 in 6	RESERVE	
48.89 -		48.78 - 48.89 -		48.97 -	49.00 49.00	49.00 -		
48.97		48.94 48.94		48.91	48.90 48.90	48.89 48.89		
0.00		3.20 3.80		6.30	7.80 7.85	8.85 9.54		

16m

0.05m | 1.5m 2.8m 0.6m | 82 |

<u>1 in 50</u>

	0.05m 1.5m	n 25m	0.6m 3.2m	16m	0.6m 2.8m	1.5m 0.05	m
	1 in 5	50 1 in 45		<b>-</b>	B2	1 in 50	<u></u>
			<u>1 in 30</u>	1 in 30	1 in 13		
DATUM46.0		24	37	21	37		
DESIGN SURFACE	20 47.7 21 47.6	22 47.6	24 47.4	28 47.	30 47.3	33 47.6 34 47.6	
	34 47.2 35 47.2 30 47.2	30 47.2	20 47.2	00 47.2	20 47.3 30 47.3	50 47.3 10 47.3	
OFFSET		φ -	8.č. č.	0.0	3.5 3.6		
			(	CH 100.35			
	1 in 5	50 <u>1 in 15</u>	1 in 30	1 in 30	1 in 15	1 in 50	1 in 6 RESE
		××					
DATUM46.0 DESIGN SURFACE	47.80	47.77	47.60	47.60	47.49	47.79 47.82 47.82 47.82	47.50
EXISTING SURFACE	47.28	47.30	47.33	47.37	47.41	47.44 47.46 47.46 47.46	47.50
OFFSET	-7.80 -7.80	-6.30	-3.80 -3.20	0.00	3.20	6.60 8.10 8.15	11.06
				CH 75.35			
	1 in 5	50 <u>1 in 15</u>			1 in <u>15</u>	1 in 50	-1 in e
			1 in 30	1 in 30	++		
DATUM46.0							
DESIGN SURFACE	47.90 47.90	47.87	47.71 47.60	47.70	47.60	47.89 47.92 47.92 47.92	47.58
EXISTING SURFACE	47.32 47.32	47.34	47.37 47.38	47.42	47.47 47.47	47.51 47.54 47.54 47.54	47.58
OFFSET	- 7.85 - 7.80	-6.30	-3.20	0.00	3.20	6.60 8.10 8.15 8.15	11.19
				CH 54.35			
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DATUM46.0			99		99		
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	4 :	-0		СП 33.35		1 in 50	<i>.</i>
		50 <u>1 in 15</u>	1 in 30	1 in 30	1 in 15		Lin ₆ RESERVE
DESIGN SURFACE	47.86 47.86	47.83	47.55	47.66	47.55	47.85 - 47.88 - 47.88 - 47.88 -	47.74
EXISTING SURFACE	47.49 47.49	47.50	47.54 47.54	47.58	47.62 47.63	47.68 47.71 47.71 47.71	47.74
OFFSET	-7.85 -7.80	-6.30	-3.80 -3.20	0.00	3.20 3.80	6.60 8.10 8.15	6 6 6
				TPCH 11.80			
				KAREN STRI	EET		
AMENDMENT / REVISION DESCRIPTION		DES/DFT APPROVA	All setting out should standard drawings of	be carried out in accordant	ce with MPA/Council's py plans provided bv	TITLE	NAME
ISSUED TO COUNCIL FOR APPROVAL COUNCIL COMMENTS		SH/LC BS SH/LC BS	SMEC. Any digital inf only. Any discrepanc	formation supplied by this c ies should be discussed wi	office is for information th the superintendent.	DRAFTER DESIGNER	J.Chen S.Hossain
			in the second se	SH Sharedement As As	Sental Management	CHECKED AUTHORISED	E.Wang B.Sanderson
SUBJECT TO A	PPROVAL	-				REFERENCE No. 1	
			Giobai-Mark.com.au	Giobai-Mark.com.au	Global-Wark.com.au	I INLI LINENUE NO. Z	1

DWG PATH: V:_Vault\Projects_Urban\2360E-Marigold\2360E-04\Dwgs\2360E-04-16.dwg PRINTED BY: SH14946 on 20/12/2019 at 01:46:29 PM

REV

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С



	Marigold - Stage 4								
	Wyndham City Council								
77		Road and Drainage							
		Cross Sections: Karen Stre	eet						
	& Pure Lane								
		PROJECT / DRAWING No.	SHEET No.						
	009 F9	23000-04-10	10 01 27						

1 in 30	1 ii	n 30	
		RBL	
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	48.55	48.56 48.56	
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-	48.72	48.72 48.72 48.72	48.72
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	CH 48.65				
1 in 30	1 ii	n 30 1	<u>FUTUR</u>	<u>e stage 5</u>	
0.04	48.88 -	48.97 48.97 48.97	48.75 -		
t 	48.74	48.74 48.74 48.74	48.75		
C1.7-	0.00	2.75 2.80 3.30	4.67		

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			<u>0.05m</u>	1.5	^m	2.5m 0.6m B2	3.2m	3.2m 0.6m B2	2.8m	1.5m 0.05m
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	NLOLIWE									
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EXISTING SURFACE		47.9	47.98	47.99	48.00	48.0	48.0	48.00		4 8 8 8 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
OFFSET		-10.65	-8.85	-7.85 -7.80	-6.30	-3.80	0.00	3.20		6.60 8.15 8.15
							CH 181.46			
		1 10	6	1 in	50	1 in 30	1 in 30	1 in 30	1 in 30	1 in 50
	RESERVE				<u> </u>					
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DESIGN SURFACE		78 47.	78 48.	79 48. 79 48.	80 48.	82 47. 82 47.	36 47.	90 47. - 74 16	;	94 95 94 955 48 48 48
EXISTING SURFACE		54 47.	35 47.	35 47. 30 47.	30 47.	30 47.i	)0 47.5	20 47.5 10 47.5	: ;	60 47. 15 47. 15 47.
OFFSET		-10.5	-8- 8.8	3.7- 3.7-	-9.9	-3.8 -3.2	0.0	3.2 3.2 3.2		6.( 8.11 8.11
						LI	FPCH 169.76			
DATUM46.0 DESIGN SURFACE			6 47.64 LBL	6 47.64		9 47.53	2 47.53	5 47.42 6 47.53	1 47.62	2 47.65 ABL
			47.40	47.4		47.49	7.5	7.5(	47.6	47.6
EXISTING SURFACE			100				6	C C		010
EXISTING SURFACE			-7.85	- 7.80 - 6.30		-3.80	0.00	3.20 4	6.60	88.10 8.15
EXISTING SURFACE			-7.85	1 in 50	1 in 20	-3.80	8 ETPCH 146.16	3.20	99 69	01 £2 80 80 90 £2
EXISTING SURFACE			-7.85	1 in 50	<u>1 in 30</u>		ETPCH 146.16		<u>1 in 30 1 i</u>	0.5 8.8 1.50
EXISTING SURFACE			<u>-7.85</u>	1 in 50	<u>1 in 30</u>		B. LTPCH 146.16	3.20 3.20 3.80 3.80 3.80 4.4	<u>1 in 30 1 i</u>	n 50
DATUM46.0			7,44 LBL -7.85	08.7- 1 in 50 1 in 50 1 in 50	<u>1 in 30</u>	7.22	LTPCH 146.16	7.22 7.33 7.33 7.33 7.33 7.33 7.33 7.30 4	09.9 1 in 30 1 i	7.45 7.45 7.45 7.8L 8.10 8.10
EXISTING SURFACE			7.29 47.44 LBL -7.85	1.29 47.47 200 47.41 50 5.30	<u>1 in 30</u>	7.32 47.33	LTPCH 146.16	7.38 47.22 7.38 47.22 7.38 47.23 7.38 47.33 7.38 47.33 7.38 47.33 7.38 47.33	1 in 30 1 i	7.42 47.45 810 7.42 47.45 RBL 8.10
EXISTING SURFACE OFFSET DATUM46.0 DESIGN SURFACE EXISTING SURFACE			.85 47.29 47.44 LBL -7.85	7.80 47.29 47.44	1 in 30	3.80     47.32     47.32     47.32     -3.80     -3.80       9.20     47.32     47.22     -3.20     -3.20	8.0 LTPCH 146.16	120     47.38     47.22     3.20     4       .80     47.38     47.33     3.20     4	1 in 30 1 i	8.10 47.42 47.45 RBL 8.10 8.15 8.15
EXISTING SURFACE OFFSET DATUM46.0 DESIGN SURFACE EXISTING SURFACE OFFSET			-7.85 47.29 47.44 LBL -7.85 -7.85 -7.85	-7.80 47.29 47.447.807.806.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.	1 in 30	-3.80 47.32 47.33	80 LTPCH 146.16	3.20 47.38 47.22 3.80 47.38 47.22 3.80 47.38 2.0 4 3.80 4	6.60 6.60 6.60 6.60 6.60 6.60 6.60 6.60	8.10 47.42 47.45 7BL 05 8.15 47.42 47.45 7BL 8.10 8.15
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EXISTING SURFACE OFFSET			-7.85 47.29 47.44 LBL -7.85 -7.85	-7.80 47.417.807.807.807.807.807.807.806.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.306.30 -	1 in 30	-3.20 47.32 47.33	⁴ 8 LTPCH 146.16 <u>28</u> <u>20</u> <u>28</u> <u>24</u> <u>28</u> <u>24</u> <u>28</u> <u>24</u> <u>28</u> <u>24</u> <u>28</u> <u>24</u> <u>28</u> <u>24</u> <u>28</u> <u>24</u> <u>28</u> <u>24</u> <u>28</u> <u>24</u> <u>28</u> <u>24</u> <u>28</u> <u>24</u> <u>28</u> <u>24</u> <u>28</u> <u>24</u> <u>28</u> <u>24</u> <u>28</u> <u>24</u> <u>28</u> <u>24</u> <u>28</u> <u>24</u> <u>28</u> <u>24</u> <u>28</u> <u>24</u> <u>28</u> <u>24</u> <u>28</u> <u>24</u> <u>28</u> <u>24</u> <u>28</u> <u>24</u> <u>28</u> <u>24</u> <u>28</u> <u>24</u> <u>28</u> <u>24</u> <u>28</u> <u>24</u> <u>28</u> <u>24</u> <u>28</u> <u>24</u> <u>28</u> <u>24</u> <u>28</u> <u>24</u> <u>28</u> <u>24</u> <u>28</u> <u>24</u> <u>28</u> <u>24</u> <u>28</u> <u>24</u> <u>28</u> <u>24</u> <u>28</u> <u>24</u> <u>28</u> <u>24</u> <u>28</u> <u>24</u> <u>28</u> <u>24</u> <u>28</u> <u>24</u> <u>28</u> <u>24</u> <u>28</u> <u>24</u> <u>28</u> <u>24</u> <u>28</u> <u>24</u> <u>28</u> <u>24</u> <u>28</u> <u>24</u> <u>28</u> <u>24</u> <u>28</u> <u>24</u> <u>28</u> <u>24</u> <u>28</u> <u>24</u> <u>28</u> <u>24</u> <u>28</u> <u>24</u> <u>28</u> <u>24</u> <u>28</u> <u>24</u> <u>28</u> <u>24</u> <u>28</u> <u>24</u> <u>28</u> <u>27</u> <u>28</u> <u>24</u> <u>28</u> <u>28</u> <u>27</u> <u>28</u> <u>28</u> <u>28</u> <u>28</u> <u>28</u> <u>28</u> <u>28</u> <u>28</u>	3.20 47.38 47.22 3.80 47.38 47.22 3.80 47.38 3.80 4	9.60 6.60 6.60 6.60	8.10 47.42 47.45 RBL 05 8.15 8.15 8.15 8.15 8.15 8.15 8.15 8.1
EXISTING SURFACE   OFFSET     DATUM46.0   DESIGN SURFACE   EXISTING SURFACE   OFFSET     AMENDMENT / REVISION DESCRIPTION   ISSUED FOR INFORMATION ONLY			2.2.2 DES/DFT SH/JC	08.7- 1 in 50 44.74 05.74 05.3- 1 in 50 44.74 05.3- 1 in 50 45.74 05.3- 08.7- APPROVAL BS	1 in 30	ting out should be carried dard drawings or as non	LTPCH 146.16	1 4 4 4 3 3 0 4 7 3 8 4 7 2 5 3 3 2 0 4 7 3 8 4 7 2 5 3 3 2 0 4 7 3 8 4 7 2 5 3 3 2 0 4 7 3 8 4 7 2 5 3 3 2 0 4 7 3 8 4 7 2 5 3 3 2 0 4 7 3 8 4 7 2 5 3 3 2 0 4 7 3 8 4 7 2 5 3 3 2 0 4 7 3 8 4 7 2 5 3 3 2 0 4 7 3 8 4 7 2 5 3 3 2 0 4 7 3 8 4 7 2 5 3 3 2 0 4 7 3 8 4 7 2 5 3 3 2 0 4 7 3 8 4 7 2 5 3 3 2 0 4 7 3 8 4 7 2 5 3 3 2 0 4 7 3 8 4 7 2 5 3 3 2 0 4 7 3 8 4 7 2 5 3 3 2 0 4 7 3 8 4 7 2 5 3 3 2 0 4 7 3 8 4 7 2 5 3 3 2 0 4 7 3 8 4 7 2 5 3 3 2 0 4 7 3 8 4 7 2 5 3 3 2 0 4 7 3 8 4 7 2 5 3 3 2 0 4 7 3 8 4 7 2 5 3 3 2 0 4 7 3 8 4 7 2 5 3 3 2 0 4 7 3 8 4 7 2 5 3 3 2 0 4 7 3 8 4 7 2 5 3 3 2 0 4 7 3 8 4 7 2 5 3 3 2 0 4 7 3 8 4 7 2 5 3 3 2 0 4 7 3 8 4 7 2 5 3 3 2 0 4 7 3 8 4 7 2 5 3 3 2 0 4 7 3 8 4 7 2 5 3 3 2 0 4 7 3 8 4 7 3 7 3 3 2 0 4 7 3 8 4 7 3 7 3 3 2 0 4 7 3 8 4 7 3 7 3 3 2 0 4 7 3 8 4 7 3 7 3 3 2 0 4 7 3 8 4 7 3 7 3 3 2 0 4 7 3 8 4 7 3 7 3 3 2 0 4 7 3 8 4 7 3 7 3 3 2 0 4 7 3 8 4 7 3 7 3 3 2 0 4 7 3 8 4 7 3 7 3 3 2 0 4 7 3 8 4 7 3 7 3 3 2 0 4 7 3 8 4 7 3 7 3 3 2 0 4 7 3 8 4 7 3 7 3 3 0 0 10 10 10 10 10 10 10 10 10 10 10 10	999 1 in 30 1 i 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 / 7 1 /	0 50 8 10 8 10
EXISTING SURFACE   OFFSET     DATUM46.0   DESIGN SURFACE   EXISTING SURFACE   OFFSET     AMENDMENT / REVISION DESCRIPTION   ISSUED FOR INFORMATION ONLY   ISSUED TO COUNCIL FOR APPROVAL   COUNCIL COMMENTS			28.2- BES/DFT SH/LC SH/LC SH/LC	08:7- 1 in 50 447.74 08:7- APPROVAL BS BS BS	1 in 30	ting out should be carried 3.300 41.32 -3.300 41.33 -3.300 41.33 -3.300 41.33 -3.300 41.33 -3.300 -41.33 -3.300 -41.33 -3.300 -41.33 -3.300 -3.200 -3.200 -3.200 -3.200 -3.200 -3.200 -3.200 -3.200 -3.200 -3.200 -3.200 -3.200 -3.200 -3.200 -3.200 -3.200 -3.200 -3.200 -3.200 -3.200 -3.200 -3.200 -3.200 -3.200 -3.200 -3.200 -3.200 -3.200 -3.200 -3.200 -3.200 -3.200 -3.200 -3.200 -3.200 -3.200 -3.200 -3.200 -3.200 -3.200 -3.200 -3.200 -3.200 -3.200 -3.200 -3.200 -3.200 -3.200 -3.200 -3.200 -3.200 -3.200 -3.200 -3.200 -3.200 -3.200 -3.200 -3.200 -3.200 -3.200 -3.200 -3.200 -3.200 -3.200 -3.200 -3.200 -3.200 -3.200 -3.200 -3.200 -3.200 -3.200 -3.200 -3.200 -3.200 -3.200 -3.200 -3.200 -3.200 -3.200 -3.200 -3.200 -3.200 -3.200 -3.200 -3.200 -3.200 -3.200 -3.200 -3.200 -3.200 -3.200 -3.200 -3.200 -3.200 -3.200 -3.200 -3.200 -3.200 -3.200 -3.200 -3.200 -3.200 -3.200 -3.200 -3.200 -3.200 -3.200 -3.200 -3.200 -3.200 -3.200 -3.200 -3.200 -3.200 -3.200 -3.200 -3.200 -3.200 -3.200 -3.200 -3.200 -3.200 -3.200 -3.200 -3.200 -3.200 -3.200 -3.200 -3.200 -3.200 -3.200 -3.200 -3.200 -3.200 -3.200 -3.200 -3.200 -3.200 -3.200 -3.200 -3.200 -3.200 -3.200 -3.200 -3.200 -3.200 -3.200 -3.200 -3.200 -3.200 -3.200 -3.200 -3.200 -3.200 -3.200 -3.200 -3.200 -3.200 -3.200 -3.200 -3.200 -3.200 -3.200 -3.200 -3.200 -3.200 -3.200 -3.200 -3.200 -3.200 -3.200 -3.200 -3.200 -3.200 -3.200 -3.200 -3.200 -3.200 -3.200 -3.200 -3.200 -3.200 -3.200 -3.200 -3.200 -3.200 -3.200 -3.200 -3.200 -3.200 -3.200 -3.200 -3.200 -3.200 -3.200 -3.200 -3.200 -3.200 -3.200 -3.200 -3.200 -3.200 -3.200 -3.200 -3.200 -3.200 -3.200 -3.200 -3.200 -3.200 -3.200 -3.200 -3.200 -3.200 -3.200 -3.200 -3.200 -3.200 -3.200 -3.200 -3.200 -3.200 -3.200 -3.200 -3.200 -3.200 -3.200 -3.200 -3.200 -3.200 -3.200 -3.200 -3.200 -3.200 -3.200	LTPCH 146.16	h MPA/Council's 330 44 44 02 330 44 44 02 133 14 133 14 133 14 133 14 133 14 133 14 133 14 133 14 133 14 133 14 133 14 14 133 14 14 15 15 16 16 17 17 17 17 17 17 17 17 17 17	999 1 in 30 1 i 4 in 30 1 i 6 i 7 i i i i i i i i i i i i i i i i i i i	015 017 017 017 017 017 017 017 017

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# CHERISH DRIVE

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Management	is anagement. As As	ental Management	CHECKED	E.Wang		Member of the Surbana Jurong Group	
- Ouali	\$ 4807 % SHO	vironny	AUTHORISED	B.Sanderson	0 1 2 4	C) ABN 47 065 475 149 Collins Square, Tower 4, Level 20, 727 Collins St	
		100 V	REFERENCE No. 1		0 0.5 1 2 Scale H1:100, V1:50	Melbourne, VIC 3008 Ph 03 9514 1500	GRO\X/
Global-Mark.com.	au [®] Global-Mark.com.au [®]	Global-Mark.com.au [®]	REFERENCE No. 2		SCALE AS SHOWN AT A1		



RTPCH 202.51

1 in 30		<u>30 1 in 50</u>	
48.55	48.44	48.64 48.67 48.67 48.67	
48.32	48.33 48.34	48.35 48.35 48.35 48.35	
00.00	3.20 3.80	6.60 8.15 8.15	

# **REJOICE STREET**

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1 in 30		1 in 30	1 in 50		 
48.68	48.57 + 48.68 -	04 04	40./δ	40.01 48.81 18.81	
48.46	48.44 48.43	100	40.41	48.40 48.40	
00.0	3.20 3.80	U U U	0.00	8.15 8.15	

# HPCH 230.33

1 in 30	1 in 30 1 in 50	
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48.46	48.43 48.41 48.40 48.40	48.40
0.00	3.80 6.30 7.80	7.85

# CH 245.99

16m					►	
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	1 in 30		1 in 30	1 in	50	
					ßL	
					<u> </u>	
48.56		48.45 48.56		48.65	48.68 48.68	
48.52		48.49 48.48		48.46	48.44 48.44	
0.00		3.20 3.80		6.30	7.80 7.85	

DWG PATH: V:_Vault\Projects_Urban\2360E-Marigold\2360E-04\Dwgs\2360E-04-17.dwg PRINTED BY: SH14946 on 20/12/2019 at 01:46:38 PM



SH/LC В 19.11.19 ISSUED TO COUNCIL FOR APPROVAL BS only. Any discrepancies should be discussed with the superintendent. C 20.12.22 COUNCIL COMMENTS SH/LC BS SUBJECT TO APPROVAL Global-Mark.com.au®

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	GATHERING GROVE				< SF R	PLAY PIPE = 33.85m			REFER TO HOLCIM CONCRETE PIPE MANUAL FOR SPLAY PIPE	
0.220	<u> </u>	0.217	<>	0.218	<u></u>	0.220		).221	<ul> <li>CLASS 2</li> <li>0.218</li> <li>0.255</li> </ul>	<
0.253 - 0.89>	0.255 0.9	0.255 0.9 -	>	0.255 - 0.9 -	~	0.255 0.9	><(	).255 0.9 — <del>&gt;</del>	0.255 <	<
600Ø >	< 600Ø RCP	< 600Ø RCP	>	< 600Ø RCP	~	600Ø RCP	><	500Ø -	< <u>600Ø</u> > RCP	<
1 in 590 🝝	< 1 in 582 ∹	> <b></b> 1 in 582	2 ->	- 1 in 582	~	⊧ 1 in 582 ÷	► 1	in 582 >	< 1 in 582 >	
2.45	2.40 2.30	2.34	2.39	2.34	2.36 2.36	02 CV C	2.42	2.44	2.33 2.33 2.33	2.64
46.88	46.90 46.01	46.99	46.99	47.00	47.01	41.02	47.06	47.06	47.08	47.20
45.84	45.89 45.00	45.95	45.98	46.03	46.04 46.04	40.04 76 06	40.00 46.06	46.07	46.12 46.22	46.31
48.29	00 81		48.37	9	48.40	87.87	40.40	48.51	48.04	
48.48	48 ED	0 0 0 0	48.54		48.56	18 61	40.01	48.63	48 83 83	
71.86	97 US		94.34		100.82	77	14.10	18.72	88 842	
(10.74)	(8.60)	(13.88)		(6.48)	· -	(13.34)	(	4.56)	(79.70)	

TITLE	NAME				
DRAFTER	J.Chen				
DESIGNER	S.Hossain				
CHECKED	E.Wang				
AUTHORISED	B.Sanderson	0	5	10	2
REFERENCE No. 1		0	0.5	1	:
REFERENCE No. 2		SCA SCAL	E AS SHO	DU, V1:50 DWN AT A1	

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## 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

	(	8					9)	(1	0)
					CLASS 2	2	CLASS 2		
DESIGN FLC	W (m3/s)		<		0.185	>	< 0.099 0.142	>	<
CAPACITY (r AT GRADE V	ELOCITY (m/s)		<		0.195 0.9	>	0.143	>	<
Nominal Pii Pipe Type	PE SIZE (mm)		<		525Ø RCP	>	≤ 450Ø RCP	>	<
grade DATUM		-	40.0		— 1 in 487	>	1 in 397 -	>	<
DEPTH T	O INVERT	2.58	2.51			6.	1.91	1.98	1.83
HYDRAU	LIC GRADE LINE	47.30	47.32			47.46	47.50	47.52	47.57
INVERT L	 .EVEL	46.44	46.52			46.67	46.75	46.79	46.94
FINISHE	O SURFACE LEVELS	49.03				48.65		48.76	
EXISTING	SURFACE LEVEL	48.96				18.96 196		48.86	
	- <u></u> )E	76.92						8.37	
(Reach Lengt	h)	27			(74.85)	33	(16.60)	36	
				DES/DET	ΑΡΡΒΟΙΛΙ	All setting out should be carried out in accordance -	with MP4/Courseile		ITI F
REV         DATE         AMENDMEN           A         23.08.19         ISSUED FC           B         19.11.19         ISSUED TC           C         20.12.23         COUNCIL C	DR INFORMATION ONLY COUNCIL FOR APPROVAL COMMENTS			SH/JC SH/LC SH/LC	BS BS BS BS	All setting out should be carried out in accordance of standard drawings or as nominated on hard copy SMEC. Any digital information supplied by this offic only. Any discrepancies should be discussed with t	with MPA/Council's plans provided by the is for information he superintendent.		DRAFTER DESIGNER CHECKED
SUB	JECT TO		APPROVAI			of the contract of the contrac	CONFIGN	F	







				(2	21)	(2	22			(2	23)	(24	4) (	25	5) (	2
			DESIGN FLOW (m3/s) CAPACITY (m3/s) AT GRADE VELOCITY (m/s) NOMINAL PIPE SIZE (mm) PIPE TYPE GRADE		<ul> <li>0.358</li> <li>0.405</li> <li>1.43</li> <li>600Ø</li> <li>RCP</li> <li>1 in 23</li> </ul>	0 ->			0.167 0.304 		<u>0.124</u> 0.217 1.37 450Ø RCP 1 in 17		<ul> <li>0.124</li> <li>0.212</li> <li>1.33 −</li> <li>450Ø</li> <li>RCP</li> <li>1 in 182</li> </ul>	>	<ul> <li>0.105 0.183</li> <li>1.66 - 375Ø RCP</li> <li>1 in 91.5</li> </ul>	
			DATUM DEPTH TO INVERT	2.12	40.0 ^{20:}	2.02	1.94			1.94	1.87	1.82	1.77	1.77	1.69	1.60
			HYDRAULIC GRADE LINE	46.68	46.74	46.78	46.83			46.90	46.96 46.95	46.97	46.99	47.01	47.04	47.07
			INVERT LEVEL	45.62	45.67	45.72	45.79			46.03	46.10	46.15	46.20	46.27	46.34	46.44
			FINISHED SURFACE LEVELS	47.73		47.73				47.97		47.97		48.03		48.03
			EXISTING SURFACE LEVEL	47.61		47.63				47.68		47.69		47.76		47.83
				9.31		20.89				68.29		76.89		88.47		97.07
			(Reach Length)		(11.58	;)	<u> </u>		(47.40)		(8.60)	)	(11.58)		(8.60)	
REV	DATE						DES/DFT	APPROVAL	All setting out should be car standard drawings or as no	ried out in accord	dance with I copy plar	MPA ns pro	VCouncil's	TI	ITLE	
B C	19.11.19 20.12.24	ISSUED TO CO	DUNCIL FOR APPROVAL IMENTS				SH/LC SH/LC	BS BS BS	SMEC. Any digital informati only. Any discrepancies sho	on supplied by the	is office is d with the s	for ir	nformation intendent.	D	<u>'RAFTER</u> )ESIGNER	
									HS No 000 SH	AS A	Conmen.	tal ma	Sement ISO	C A	HECKED	ED
		S	UBJECT TO APPRO	)/C	/AL				Global-Mark.com.au® Glo	bal-Mark.com au		bal-M	ark.com.au®	R		<u>Е</u> М

DWG PATH: V:_Vault\Projects_Urban\2360E-Marigold\2360E-04\Dwgs\2360E-04-20.dwg PRINTED BY: SH14946 on 20/12/2019 at 01:47:07 PM



	NAME			
	J.Chen			
	S.Hossain			
	E.Wang		Member of the Surbana Jurong Group	
			© ABN 47 065 475 149	
D	B.Sanderson	0 5 10 20	Collins Square Tower 4 Level 20, 727 Collins St	
No. 1		0 0.5 1 2 Seela 114:500 \(4:50	Melbourne, VIC 3008	
No. 2		Scale H 1:500, V 1:50 SCALE AS SHOWN AT A1	Ph 03 9514 1500	GROW



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LAN	D

Marigold - Stage 4	
Wyndham City Council	
Road and Drainage	
Drainage Longitudinal Sections -	3

MELWAYS REFPROJECT / DRAWING No.359 F92360E-04-20

SHEET No.	
20 of 27	

REVISION C

REV	DATE	AMENDMENT / REVISION DESCRIPTION	DES/DFT	APPROVAL	All setting out should	be carried out in accordance	ce with MPA/Council's	TITLE
A	23.08.19		SH/JC	BS	standard drawings of SMEC. Any digital inf	or as nominated on hard co formation supplied by this o	py plans provided by office is for information	DRAFTER
С	20.12.25	COUNCIL COMMENTS	SH/LC SH/LC	BS	only. Any discrepanc	ies should be discussed wi	th the superintendent.	DESIGNER
					Management	anagement. AS R	antal Management	CHECKED
					good guardi	S A80	tosh	AUTHORIS
		SUBJECT TO APPROVA					AU3	REFERENC
					Global-Mark.com.au®	Global-Mark.com.au®	Global-Mark.com.au®	REFERENC

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	32)	33)
DESIGN FLOW (m3/s)	<ul> <li>CLASS 2</li> <li>0.165</li> </ul>	~
CAPACITY (m3/s) AT GRADE VELOCITY (m/s)	<ul> <li>0.200</li> <li>1.81</li> </ul>	<
NOMINAL PIPE SIZE (mm) PIPE TYPE	<a>375Ø</a> RCP	<
grade DATUM	40.0	~
DEPTH TO INVERT	1.55 1.50 1.50 1.50 1.50 1.50 1.50 1.50	0.94
HYDRAULIC GRADE LINE	47.73 47.73 47.71 47.71 48 48 42	48.56
INVERT LEVEL	46.71 46.76 47 80	47.88
FINISHED SURFACE LEVELS	48.26 48.82	
EXISTING SURFACE LEVEL	47.82 48.81	
CHAINAGE	69.38 49 86.38	
(Reach Length)	(80.00)	1



	NAME					
R	J.Chen					
ER	S.Hossain					
D	E.Wang					
ISED	B.Sanderson	0	5	10	20	
NCE No. 1		0	0.5	1	2	
NCE No. 2		SCAL	E AS SHO	JU, V1:50 DWN AT A1		





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		Marigold - Stage 4 Wyndham City Council Road and Drainage Drainage Longitudinal Sectio	ns - 4	
GROWLAND	MELWAYS REF	project / drawing No. 2360E-04-21	SHEET NO. 21 of 27	REVISION

REV	DATE	AMENDMENT / REVISION DESCRIPTION	DES/DFT	APPROVAL	All setting out should	be carried out in accordance	ce with MPA/Council's	TITLE
Α	23.08.19	ISSUED FOR INFORMATION ONLY	SH/JC	BS	standard drawings o	or as nominated on hard co	py plans provided by	DRAFTE
В	19.11.19	ISSUED TO COUNCIL FOR APPROVAL	SH/LC	BS	only Any discrepance	iormation supplied by this d ies should be discussed wi	th the superintendent	
С	20.12.26	COUNCIL COMMENTS	SH/LC	BS				DESIGNE
					Wanagement in	hanagement. As R	ental Management	CHECKE
					1000 griali	SHO SHO	ironn,	AUTHOR
		SUBJECT TO APPROVA					4007	REFERE
					Global-Mark.com.au [®]	Global-Mark.com.au®	Global-Mark.com.au [®]	REFERE
DWG P	ATH: V:_Vault\Pro	jects_Urban\2360E-Marigold\2360E-04\Dwgs\2360E-04-22.dwg PRINTED BY: SH14946 on 20/12/20	)19 at 01:47:27 P	M				

	40		(4)	1)
	$\gamma$			
		-+++++++++++++++++++++++++++++++++++++		
		CLASS 2		
DESIGN FLOW (m3/s)	<	0.102	>	<
AT GRADE VELOCITY (m/s)	<	0.124 	>	<
NOMINAL PIPE SIZE (mm) PIPE TYPE	<	375Ø RCP	>	<
	<u>ح</u> ۵۰ ۵	1 in 200	>	<
DEPTH TO INVERT	1:97		1.97	1.90
HYDRAULIC GRADE LINE	46.80		47.03	47.08
 INVERT LEVEL	45.89		16.29	46.36
FINISHED SURFACE LEVELS	47.94		-8.26 4	
EXISTING SURFACE I FVFI	17.92		8.54 4	
	53.46		8.50	
(Decent Length)	<u>.</u> ,	(65.04)	5	



NAME J.Chen S.Hossain E.Wang 0 5 10 20 0 0.5 1 2 Scale H1:500, V1:50 SCALE AS SHOWN AT A1 RISED B.Sanderson ENCE No. 1 ENCE No. 2





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

# Marigold - Stage 4 Wyndham City Council Road and Drainage Drainag

Road and Drainage	
ge Longitudinal Sections	- 5

REVISIO	ļ
$\mathbf{C}$	

SHEET No. 22 of 27

 MELWAYS REF
 PROJECT / DRAWING No.

 359 F9
 2360E-04-22

DES/DFT APPROVAL
SH/JC BS DATE AMENDMENT / REVISION DESCRIPTION REV All setting out should be carried out in accordance with MPA/Council's TITLE A 23.08.19 ISSUED FOR INFORMATION ONLY standard drawings or as nominated on hard copy plans provided by DRAFTER SMEC. Any digital information supplied by this office is for information only. Any discrepancies should be discussed with the superintendent. SH/LC B 19.11.19 ISSUED TO COUNCIL FOR APPROVAL BS DESIGNER SH/LC C 20.12.27 COUNCIL COMMENTS BS CHECKED AUTHORISE SUBJECT TO APPROVAL REFEREN Global-Mark.com.au[®] Global-Mark.com.au[®] Global-Mark.com.au[®] REFERENC

DWG PATH: V:_Vault\Projects_Urban\2360E-Marigold\2360E-04\Dwgs\2360E-04-23.dwg PRINTED BY: SH14946 on 20/12/2019 at 01:47:37 PM

CLASS 2         CLASS 2           DESIGN FLOW (m3%) AT GRADE VELOCITY (m3) NOMMAL PIES SIZE (mm) PIE TYPE GRADE DATUM         0022 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056	(	EX. 52	5	B EX	. 54	55
CLASS 2         CLASS 2           DESIGN FLOW (m3/s) CAPACITY (m3/s) AT GRADE VELOCITY (m/s) NOMINAL PIPE SIZE (mm) PIPE TYPE GRADE DATUM         0.022 0.056         0.011           0000 PIPE TYPE GRADE DATUM         0.079         1.38           0000 DEPTH TO INVERT         991         1 in 300           091         991         1 in 97.8           1000         991         1 in 97.8           11         991         1 in 97.8           11         991         1 in 97.8           11         991         100           11         991         100           11         991         100           11         991         100           11         991         100           11         991         100           11         991         100           11         991         100           11         991         100           11         900         1000           11         900         1000           11         900         1000           11         900         1000           11         900         1000           11         1000         1000 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>						
DEPTH TO INVERT       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1 <th1< th="">       1       <th1< th="">       &lt;</th1<></th1<>	DESIGN FLOW (m3/s) CAPACITY (m3/s) AT GRADE VELOCITY (m/s) NOMINAL PIPE SIZE (mm) PIPE TYPE GRADE DATUM	< ج ح ع 39.0 الالا	CLASS 2	09	CLASS 4 0.011 0.098 1.38 300Ø RCP 40.0 ₿	50 \ \ \ \ \
HYDRAULIC GRADE LINE       '19'         INVERT LEVEL       9'9'         INVERT LEVEL       6'13         FINISHED SURFACE LEVELS       6'13         60:00       41.19         60:01       41.19         60:02       41.19         60:03       41.19         60:04       46:13         61:04       48:28         61:05       41.19         61:06       41.19         61:07       48:28         61:08       41.19         61:09       48:28         61:01       48:28         61:02       49:69         61:04       49:28         61:05       41.19         61:06       41.19         61:07       48:28         61:08       49:69         61:09       49:78         61:01       49:69         61:02       49:69         61:03       41.19         61:04       49:69         61:05       41.19				<b>72</b> 28 1.	<del>~</del>	49 1. 50
INVERT LEVEL     19       FINISHED SURFACE LEVELS     40.0       60.00     47.6       46.9     46.1       60.00     47.6       48.43     48.63       48.43     48.63       48.43     48.63       48.43     48.63       48.43     48.63       48.43     48.63	HYDRAULIC GRADE LINE	<b>3</b> 46.(	0 46.6	<b>46.</b> 8 47.2	8	9 47. ² 47.5
FINISHED SURFACE LEVELS     47.75       EXISTING SURFACE LEVEL     0.00       47.79     47.90       60.00     48.47       60.00     48.47       60.00     48.47       60.00     48.47       60.00     48.47       60.00     48.47       60.00     48.47       60.00     48.47       60.00     48.47       60.00     48.47       70.00     49.68       70.00     49.68       70.00     49.68       70.00     49.68       70.00     49.68       70.00     49.68       70.00     49.68       70.00     49.68       70.00     49.68       70.00     49.68       70.00     49.68       70.00     49.68       70.00     49.68       70.00     49.68       70.00     49.68       70.00     49.68       70.00     49.68       70.00     49.68       70.00     49.68       70.00     49.68       70.00     49.68       70.00     49.68       70.00     49.68       70.00     49.68       70.00     49.78 </td <td></td> <td>46.1 46.1</td> <td>46.2</td> <td>46.9</td> <td>46.9</td> <td>47.1</td>		46.1 46.1	46.2	46.9	46.9	47.1
EXISTING SURFACE LEVEL         0.00         47.61         0.00         48.47         0.00         48.43         0.00         48.43         0.00         10.00         10.00         10.00         10.00         10.00         10.00         10.00         10.00         10.00         10.00         10.00         10.00         10.00         10.00         10.00         10.00         10.00         10.00         10.00         10.00         10.00         10.00         10.00         10.00         10.00         10.00         10.00         10.00         10.00         10.00         10.00         10.00         10.00         10.00         10.00         10.00         10.00         10.00         10.00         10.00         10.00         10.00         10.00         10.00         10.00         10.00         10.00         10.00         10.00         10.00         10.00         10.00         10.00         10.00         10.00         10.00         10.00         10.00         10.00         10.00         10.00         10.00         10.00         10.00         10.00         10.00         10.00         10.00         10.00         10.00         10.00         10.00         10.00         10.00         10.00         10.00         10.00         10.00	FINISHED SURFACE LEVELS	47.79	48.07	48.58		48.69
CHAINAGE 0:0 88.85 89.85 89.85	EXISTING SURFACE LEVEL	47.61	47.90	48.47		48.43
	CHAINAGE	0.00	23.00	0.00		20.68
(Reach Length) (23.00) (20.68)	(Reach Length)		(23.00)		(20.68)	

				TERNAL	INL	INLET	OUTLET	LET				
T NUMBER	TYPE	WIDTH	LENGTH (mm)	DIAMETER (mm)	INV R.L. (m)	DIAMETER (mm)	INV R.L. (m)	F.S.L.	DEPTH	STANDARD DRAWING	REMARKS	
Ex. 1	ENDPIPE			825	45.63	Ex. 825	Ex. 45.63	48.078	0		CONNECT TO EXISTING 825Ø ENDPIPE.	
TP 1	TANGENT POINT			825	45.648	825	45.648	48.117	2.469		SPLAY PIPE BETWEEN TP1 AND TP2 AS PER HOLCIM CONCRETE PIPE MANUAL.	
TP 2	TANGENT POINT			825	45.679	825	45.679	48.193	2.514		SPLAY PIPE BETWEEN TP1 AND TP2 AS PER HOLCIM CONCRETE PIPE MANUAL.	
2	JUNCTION PIT	900	1050	600	45.822	825	45.772	48.392	2.62	EDCM 607	PIT TO BE HAUNCHED AS PER STANDARD DRAWING EDCM 607.	
3	SIDE ENTRY PIT	900	900	600	45.89	600	45.84	48,293	2,452	EDCM 601	PIT TO BE HAUNCHED AS PER STANDARD DRAWING EDCM 607.	
4		900	900	600	45 955	600	45 905	48 292	2 387	EDCM 601		
		900	900	000	45.955	000	45.905	40.232	2.307			
5	JUNCTION PIT	900	900	600	46.029	600	45.979	48.368	2.389	EDCM 607	PTI TO BE HAUNCHED AS PER STANDARD DRAWING EDCM 607.	
TP 3	TANGENT POINT			600	46.04	600	46.04	48.403	2.363		SPLAY PIPE BETWEEN TP3 AND TP4 AS PER HOLCIM CONCRETE PIPE MANUAL.	
TP 4	TANGENT POINT			600	46.063	600	46.063	48.485	2.422		SPLAY PIPE BETWEEN TP3 AND TP4 AS PER HOLCIM CONCRETE PIPE MANUAL.	
6	SIDE ENTRY PIT	900	900	600	46.121	600	46.071	48.51	2.439	EDCM 601	PIT TO BE HAUNCHED AS PER STANDARD DRAWING EDCM 607.	
				300	46.971							
7	SIDE ENTRY PIT	900	900	600	46.308	600	46.258	48.943	2.685	EDCM 601	PIT TO BE HAUNCHED AS PER STANDARD DRAWING EDCM 607.	
				300	47.158							
8		750	900	525	16 518	600	16.113	19.026	2 583	EDCM 601	PIT TO BE HAUNCHED AS PER STANDARD DRAWING EDOM 607	
0	SIDE ENTRY TH	730	500	323	40.010	000	40.443	43.020	2.505	LDOWIOOT		
				300	47.343		10.074	10.050	4.00	<b>FROM 004</b>		
9	SIDE ENTRY PIT	750	900	450	46.746	525	46.671	48.652	1.98	EDCM 601	PIT TO BE HAUNCHED AS PER STANDARD DRAWING EDCM 607.	
				300	46.896							
				300	46.896							
10	SIDE ENTRY PIT	600	900	300	46.938	450	46.788	48.764	1.976	EDCM 601		
				300	46.938							
11	GRATED SIDE ENTRY PIT	600	900	300	47,152	300	47,102	48.482	1.38	EDCM 601		
12		600	<u>ann</u>			300	A7 238	18.192	1 0//	EDCM 601		
12		000	300			300	47.044	40.402	1.244			
13		600	900			300	47.014	48.51	1.496			
14	SIDE ENTRY PIT	600	900			300	47.244	48.943	1.699	EDCM 601		
15	SIDE ENTRY PIT	600	900			300	47.386	49.026	1.64	EDCM 601		
16	SIDE ENTRY PIT	600	900			300	46.982	48.652	1.669	EDCM 601		
17	SIDE ENTRY PIT	600	900	300	46.996	300	46.946	48.822	1.876	EDCM 601		
18	ENDPIPE					300	47.104	49.003	1.899		CAP OFF END OF PIPE FOR FUTURE CONNECTION.	
19	ENDPIPE					300	47.08	49,003	1.922		CAP OFF END OF PIPE FOR FUTURE CONNECTION.	
Ex 20				600	45 57	Ex 600	Ex 45 57	47.686	0			
01		000	000	000	45.57	LX: 000	45.047	47.000	0.110			
21	SIDE ENTRY PIT	900	900	600	45.007	600	45.617	47.733	2.110		PTI TO BE HAUNCHED AS PER STANDARD DRAWING EDOM 607.	
22	SIDE ENTRY PIT	900	900	525	45.792	600	45.717	47.732	2.015	EDCM 601	PIT TO BE HAUNCHED AS PER STANDARD DRAWING EDCM 607.	
				450	45.942							
23	SIDE ENTRY PIT	750	900	450	46.104	525	46.029	47.969	1.94	EDCM 601	PIT TO BE HAUNCHED AS PER STANDARD DRAWING EDCM 607. HEAVY DUTY PIT COVER	
				300	46.254							
24	SIDE ENTRY PIT	750	900	450	46.204	450	46.154	47.969	1.815	EDCM 601	PIT TO BE HAUNCHED AS PER STANDARD DRAWING EDCM 607. HEAVY DUTY PIT COVE	
25	SIDE ENTRY PIT	750	900	375	46 343	450	46 268	48 034	1 766	EDCM 601	PIT TO BE HAUNCHED AS PER STANDARD DRAWING EDCM 607	
26		750	900	300	46 512	375	16.237	48.034	1.507	EDCM 601		
20	SIDE ENTRI FII	730	900	300	40.512	575	40.437	40.054	1.557		FIT TO BE TRONGLED AS FER STANDARD DRAWING EDGIL 007.	
				300	46.512							
27	SIDE ENTRY PIT	900	900	300	47.343	300	47.293	48.747	1.455	EDCM 601	PIT TO BE HAUNCHED AS PER STANDARD DRAWING EDCM 607.	
28	ENDPIPE					300	47.808	49.241	1.434		CAP OFF END OF PIPE FOR FUTURE CONNECTION.	
29	SIDE ENTRY PIT	600	900	450	46.042	450	45.992	47.732	1.74	EDCM 601		
30	SIDE ENTRY PIT	600	900	450	46.15	450	46.1	47.839	1.739	EDCM 601		
31	SIDE ENTRY PIT	600	900	375	46.325	450	46.25	47.937	1.687	EDCM 601		
32	JUNCTION PIT	900	600	375	46.76	375	46.71	48,265	1.554	EDCM 605		
				225	<u>47 31</u>							
33		000	600	200	/7 075	275	17 0	10 010	1.010	EDOM 605		
04		900	000	300	41.015	5/5	47.0	40.019	1.019			
34	ENDPIPE					300	48.293	49.121	0.967		CAP OFF END OF PIPE FOR FUTURE CONNECTION.	
35	SIDE ENTRY PIT	600	900			300	46.486	48.202	1.715	EDCM 601		
36	SIDE ENTRY PIT	600	900	225	46.645	300	46.57	48.092	1.523	EDCM 601		
37	JUNCTION PIT	600	900			225	46.833	48.218	1.385	EDCM 607		
38	JUNCTION PIT	900	600			225	47.47	48.402	0.932	EDCM 607		
Ex. 39	ENDPIPE			450	45.71	Ex. 450	Ex. 45.71	47.686	0		CONNECT TO EXISTING 450Ø ENDPIPE.	
40	SIDE ENTRY PIT	600	900	375	45 963	450	45,888	47 937	2 049	EDCM 601		
11		600	000	300	10.000	275	16.000	/10 060	1 074			
41		000	900	300	40.303	575	40.200	40.202	1.974			
42						300	40.858	48.919	2.061			
Ex. 43	SIDE ENTRY PIT	600	900	300	45.39	Ex. 300	Ex. 45.344	47.344	0		CONNECT TO EXISTING 300Ø ENDPIPE.	
44	SIDE ENTRY PIT	600	900	300	45.557	300	45.507	47.539	2.032	EDCM 601		
45	GRATED SIDE ENTRY PIT	600	900	225	45.748	300	45.673	47.7	2.027	EDCM 601		
				300	46.123							
46	JUNCTION PIT	600	900			225	46.28	47.54	1.26	EDCM 605		
47	GRATED SIDE ENTRY PIT	600	900			300	46 209	Δ7 7	1 491	EDCM 601		
Ex /Q				300	16.00	Ev 200	Ev /6.00	10 FOF	ı. <del></del> .۲			
LA. 40				300	40.99		EX. 40.99	40.000	U			
49	JUNCTION PIT	600	900	300	47.116	300	47.066	48.622	1.556	EDCM 605		
50	GRATED PIT	600	900	225	47.241	300	47.166	48.687	1.521	EDCM 601	HEAVY DUTY PIT COVER.	
51	GRATED PIT	600	900			225	47.55	49.054	1.504	EDCM 601	HEAVY DUTY PIT COVER.	
Ex. 52	ENDPIPE			300	46.126	Ex. 300	Ex. 46.126	47.789	0		CONNECT TO EXISTING 300Ø ENDPIPE.	
53	GRATED PIT	600	900			300	46.203	48.07	1.867	EDCM 601	HEAVY DUTY PIT COVER.	
Fx 54	FNDPIPF			300	46 98	Ex 300	Fx 48 98	48 584	0			
		600	000		10.00	200	47 404	10.007	1.400	EDOM 605		
00	JUNCTION FIL	000	900			300	41.191	40.00/	1.490			

	NAME
	J.Chen
	S.Hossain
	E.Wang
ED	B.Sanderson
E No. 1	
E No. 2	

SCALE AS SHOWN AT A1





		Marigold - Stage 4							
	Wyndham City Council								
77	Road and Drainage								
	Drainage Longitudinal Sections - 6								
	& Pit Schedule								
				REVISION					
	359 F9	2360E-04-23	23 01 27						





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# 625mm RESPECT WAY, FROLIC STREET, SOCIAL STREET, KAREN ROAD AND CHERISH DRIVE(LOT 405-407) PAVEMENT COMPOSITION (TYPE A)

PAVEMENT LAYER	LAYER THICKNESS (mm)	MATERIAL
A WEARING COURSE	30	SIZE 10 TYPE N ASPHALT, CLASS 320 BINDER
B BASE COURSE	30	SIZE 10 TYPE N ASPHALT, CLASS 320 BINDER
C SEALING LAYER	10	SIZE 10 SAMI S18RF
D BONDING LAYER		BITUMINOUS PRIME
E BASE	130	SIZE 20 CLASS 2 FCR, COMPACTED DEPTH. COMPACTED TO A MEAN DENSITY RATIO OF 98% (MODIFIED) MAXIMUM DRY DENSITY AS1289,5.2.1
F SUBBASE	175	SIZE 20 CLASS 3 FCR, COMPACTED DEPTH. COMPACTED TO A MEAN DENSITY RATIO OF 97% (MODIFIED) MAXIMUM DRY DENSITY AS1289,5.2.1
G CAPPING LAYER	250	TYPE A MATERIAL CBR ≥8%, SWELL ≤1.5% & PERMEABILITY k ≤1 x 10 ⁻⁹ m/s SUBGRADE (DESIGN CBR 2%). COMPACTED TO A MINIMUM DENSITY RATIO OF 98% (STANDARD) MAXIMUM DRY DENSITY AS1289,5.1.1. CAPPING LAYER TO BE COMPACTED IN 2 LAYERS

# 720mm CHERISH DRIVE(RESERVE), REJOICE STREET AND GATHERING GROVE(TYPE B)

PAVEMENT LAYER	LAYER THICKNESS (mm)	MATERIAL
A WEARING COURSE	40	SIZE 14 TYPE N ASPHALT, CLASS 320 BINDER
B BASE COURSE	40	SIZE 14 TYPE HP ASPHALT, CLASS A10E BINDER
C SEALING LAYER	10	SIZE 10 SAMI S18RF
D BONDING LAYER		BITUMINOUS PRIME
E BASE	110	SIZE 20 CLASS 2 FCR, COMPACTED DEPTH. COMPACTED TO A MEAN DENSITY RATIO OF 98% (MODIFIED) MAXIMUM DRY DENSITY AS1289,5.2.1
F SUBBASE	270	SIZE 20 CLASS 3 FCR, COMPACTED DEPTH (PLACED AND COMPACTED IN TWO LAYERS). COMPACTED TO A MEAN DENSITY RATIO OF 97% (MODIFIED) MAXIMUM DRY DENSITY AS1289,5.2.1
G CAPPING LAYER	250	TYPE A MATERIAL CBR ≥8%, SWELL ≤1.5% & PERMEABILITY k ≤1 x 10 ⁻⁹ m/s SUBGRADE (DESIGN CBR 2%). COMPACTED TO A MINIMUM DENSITY RATIO OF 98% (STANDARD) MAXIMUM DRY DENSITY AS1289,5.1.1. CAPPING LAYER TO BE COMPACTED IN 2 LAYERS

4	00mm FUN LANE AND PURE LANE PAVEMENT COMPOSITION							
	PAVEMENT LAYER	LAYER THICKNESS (mm)	MATERIAL					
A	CONCRETE	200	32MPa CONCRETE WITH SL82 MESH LOCATED 50mm FROM TOP MESH TO HAVE 50mm COVER ALL EDGES					
В	INTERMEDIATE COURSE 1	50	SIZE 20 CLASS 3 CRUSHED ROCK					
С	CAPPING LAYER	150	TYPE A CAPPING LAYER CBR ≥8%, SWELL ≤1.5% & PERMEABILITY ≤1 x 10 ^{.9} m/s SUBGRADE (DESIGN CBR 3%)					

THE PAVEMENT SHOULD COMPRISE ROAD BASE OR SUBBASE QUALITY MATERIALS SPREAD IN LAYERS NOT EXCEEDING 200mm LOOSE LAYER THICKNESS, MOISTURE CONDITIONED TO WITHIN ± 2% MODIFIED OPTIMUM MOISTURE CONTENT (OMC) AND COMPACTED TO A DRY DENSITY RATIO OF 98% MODIFIED, PLACES IN ACCORDANCE WITH VICROADS REQUIREMENT.



# PAVEMENT NOTE

ALL PAVEMENT DESIGNS HAVE BEEN PROVIDED BY TONKIN & TAYLOR. 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 MARIGOLD ESTATE, 1030 DOHERTHY'S ROAD, TARNEIT DOCUMENT 1008776.1000.V3 MAY 2019. 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.

	NAME		Ν		
	J.Chen			<b>SMEC</b>	
	S.Hossain				
	E.Wang			Member of the Surbana Jurong Group	
	B.Sanderson	0 10 20 40		Colline Square Tower 4 Level 20, 727 Colline St	
No. 1		Scale 1:1000		Melbourne, VIC 3008	
No. 2		SCALE AS SHOWN AT A1		Ph 03 9514 1500	GROW

![](_page_24_Figure_12.jpeg)

![](_page_24_Figure_13.jpeg)

![](_page_25_Figure_0.jpeg)

DWG PATH: V:_Vault\Projects_Urban\2360E-Marigold\2360E-04\Dwgs\2360E-04-26.dwg PRINTED BY: SH14946 on 20/12/2019 at 01:48:22 PM

![](_page_25_Figure_3.jpeg)

![](_page_25_Figure_4.jpeg)

![](_page_25_Figure_5.jpeg)

MIN MIN **ISOLATION JOINT (IJ)** 

300

100

TITLE	NAME		N		
DRAFTER	J.Chen			<b>SMEC</b>	
DESIGNER	S.Hossain				
CHECKED	E.Wang			Member of the Surbana Jurong Group	
AUTHORISED	B.Sanderson	0 2 4 8		Collins Square Tower 4 Level 20, 727 Collins St	
REFERENCE No. 1		Scale 1:200		Melbourne, VIC 3008	
REFERENCE No. 2		SCALE AS SHOWN AT A1		Ph 03 9514 1500	GROW

m N12 DEFORMED BARS PLACED	AT CENTRAL	P/ Al T/ P/ AC DF DF RE DC TF EN TF	AVEMENT NOTE L PAVEMENT DESIGNS HAV AYLOR. SMEC IS NOT RESP AVEMENT RELATED DESIGN CCURACY, ADEQUACY OR A ESIGNS. THE PAVEMENT CO RAWING HAVE BEEN REPRC EPORT MARIGOLD ESTATE, DCUMENT 1008776.1000.V3 M HIS DOCUMENT SHOULD BE NSURE DESIGN HAS BEEN IN HIS DOCUMENT WILL BE MAN	/E BEEN PRC ONSIBLE FOF S AND IS NO PPROPRIATE MPOSITIONS DUCED FRO 1030 DOHER MAY 2019. REVIEWED E VTERPRETED DE AVAILABL	VIDED BY TONKIN & R GEOTECHNICAL OI T RESPONSIBLE FOF ENESS OF THESE S SHOWN ON THIS M THE PAVEMENT THY'S ROAD, TARNE BY THE CONTRACTO O CORRECTLY. A COI E ON REQUEST.	R THE IT R TO PY OF
ED GROOVE EALANT 2 DEFORMED BARS PLACED AT CE 2 AT 400mm CENTRES	INTRAL					
<u>ON</u>						
скаск <u>ENED</u>	-					
	- 12					
250mm LENGTH 16mmØ CLAS UPVC PIPE SLEEVE WITH PLU	SS 18 UG LENTRAL					
ND AT 400mm CENTRES	JO 1. 2. 3. 4. 5.	INT DETAIL NOTE SAW JOINTS A INTERSECTION TRANSVERSE/ SPACING OF 1: EXPANSION JOI ISOLATION JOI ALL JOINTS SH "CEMENT AND PAVEMENT DE	<u>S:</u> RE TO BE PLACED AT A MA IS AND CONSTRUCTED 18-2 CONTRACTION JOINTS ARE 2m. DINTS ARE TO BE PLACED A NTS ARE TO BE PLACED AR IALL BE LOCATED AND SPAC CONCRETE ASSOCIATION ( SIGN FOR RESIDENTIAL STR	XIMUM 5m SF 4 HOURS AF TO BE PLAC T A SPACING OUND PITS. CED IN ACCO DF AUSTRALI REETS 1997".	PACING AT TER POURING. ED AT A MAXIMUM OF 12m. RDANCE WITH A - CONCRETE	
	1	. CONCRETE SH AS3600 AND N SEVEN DAYS A	HALL BE CURED IN ACCORD OT TO BE TRAFFICKED UNT AFTER POURING.	ANCE WITH IL AT LEAST		
		The lo No Locate	BEWARE OF UNDER Decations of underground s their exact position sh guarantee is given that a a all underground services DIAL 1100 BE www.11	KNING RGROUND ervices are nould be pro Il existing se s before com FORE YOU 00.com.au	SERVICES approximate only a ven on site. ervices are shown. mencement of wo DIG	ınd rks
<b>-</b> <b>7</b>		V C	Marigold - Stag Vyndham City C Road and Drain oncrete Jointing	ge 4 Council nage g Plans		
LAND	MELWAYS REF	PROJECT / DRAWIN	^{G No.} 4-26		SHEET NO. 26 of 27	REVISION C

	Safety in Design												
Project Name: Marigold	Desi	Design Package: 2360E-04											
Stage 04	Date	: 19.08.2019								If not elim	ninated Score res	idual risk	
PHASE	DIS	CIPLINE CODE	RISK REGISTER -0 Ma POTE	Construction- Operations- aintenance ENTIAL RISK	RISK OWNER	POTENTIAL CONSEQUENCES	POTENTIAL ELIMINATION MEASURE, DESIGN INITIATIVE or CONTROL ( Identify any Standard or Code of practice used)	HOW ISSUE ADDRESED IN DESIGN AND/OR CONSTRUCTION OF THE WORKS	IS THE RISK ELIMINATED YES/NO	"Residual Risk Likelihood (0-5) "	"Residual Risk Consequence (0-5) "	"Residual Risk Rating "	<u>RESIDUAL</u> <u>RISK OWNER</u>
			Road Furniture / Roadside features										
Construction	RD	Roads	Construction close to live traffic	New works will be constructed adjacent to live traffic when abutting existing stages.	Contractor	Disruptions to live traffic, construction incident involving live traffic.	Provide safe temporary traffic control (TCP)	TCP provided within contract	Ν	5	3	15	Constructor
Construction	US	Utilities or Services	Utilities become a hazard within clear zones	Vehicle conflict with utility / pit	Contractor	Personal injury, vehicle damage	Sequence works and protect with temp barrier or traffic control (TCP)	TCP provided within contract	Ν	1	5	5	Constructor
Operational	RD	Roads	Sight Lines	Inadequate drivers response time.	Road Authority	Increased potential for accidents	Ensure design complies with relevant standard. Undertake thorough Safety Audit	Vis lines checked and discussed with approval authority as part of design approval process	Ν	1	4	4	Road Authority
Operational	LS	Lines and Signs	Signs and street lights	Potential for drivers / riders to strike signs and street lights	Road Authority	Increased potential for accidents	Ensure design complies with relevant standard. Undertake thorough Safety Audit	Refer to appropriate standard for sign and lighting offsets	Ν	1	4	4	Road Authority
Operational	DR	Drainage	Grated Pits	Trip/fall hazard with large spaced grate	Relevant Authority	Increased potential for accidents	Provide pedestrian/bicycle friendly grates where applicable. Refer to pit schedule	Design in accordance with authority and manufacturers standards	N	3	2	6	Authority
Operational	DR	Drainage	Non Standard Large Pits	Potential for pit failure	Relevant Authority	Increased risk to maintenance crews/ vehicles	Structural design in accordance with relevant design principles.	Refer to structural drawings and calculations	Ν	1	4	4	Authority
Operational	DR	Drainage	Culvert Endwalls/Headwalls	Potential for falling from height	Relevant Authority	Increased potential for accidents	Fencing to be provided where culverts/headwalls are at height in accordance with relevant authority standards	Allow for fencing in Design Process	Ν	1	4	4	Authority
Maintenance	DR	Drainage	Access to Pits	Lack of safe access for maintenance	Relevant Authority	Increased risk to maintenance crews	<ul><li>Provide safe working conditions for maintenance.</li><li>Provide safe landing/ access arrangements as per relevant authority standards</li></ul>	Where possible design pit in location for easy access and outside of permanent water bodies	Ν	2	5	10	Authority
Maintenance	DR	Drainage	Deep Pits	Lack of safe entry for maintenance	Relevant Authority	Increased potential for accidents	Contractor to be certified for work in confined spaces, step irons to be provided to appropriate authority standards. Refer to pit schedule	Design in accordance with authority standards	Ν	1	5	5	Authority
Maintenance	DR	Drainage	Access to drains / culverts	Lack of safe access for maintenance	Relevant Authority	Increased risk to maintenance crews	Provide safe working conditions for maintenance. Access as approved by authority	Design pit in location for easy access as agreed with authority	Ν	2	3	6	
			Sewer				Contractor to be certified for work in confined						
Maintenance	SE	Sewer	Deep Manholes	Lack of safe entry for maintenance	Relevant Authority	Increased potential for accidents	spaces, landings and step access provided as per authority standards and schedule	Design in accordance with authority standards. Refer pit schedule on drawings	Ν	1	5	5	Authority
Maintenance	SE	Sewer	Access to Manholes	Lack of safe access for maintenance	Relevant Authority	Increased risk to maintenance crews	Provide safe working conditions for maintenance. Manholes located in compliance with authority standards	Where possible design manhole in location for easy access	Ν	1	5	5	Authority
			Electricity					Pits designed below ground Whore above					
Operational	ES	Electrical Services	Electrical Design	Location of assets within clear zones e.g pits/ substations	Relevant Authority	Increased potential for accidents	Electrical designed by sub consultant with appropriate accreditation and in accordance with authority standards	ground adequate offset from vehicle clear zones has been provided or barrier protection provided	Ν	2	3	6	Authority
			Telstra										
Operational	TE	Telstra	Telstra Design	Location of assets within clear zones e.g pits	Relevant Authority	Increased potential for accidents	Telecommunications designed by authority consultant with appropriate accreditation and in accordance with authority standards	Pits designed below ground. Where above ground adequate offset from vehicle clear zones has been provided or barrier protection provided	Ν	2	3	6	Authority
			Water										
Operational	WA	Water	Water Design	Location of assets within clear zones e.g pits/ substations	Relevant Authority	Increased potential for accidents	Water pits designed in accordance with authority standards	Pits designed below ground. Where above ground adequate offset from vehicle clear zones has been provided or barrier protection provided	Ν	2	3	6	Authority
			Gas										
Operational	GA	Gas	Gas Design	Location of assets within clear zones e.g pits/ substations	Relevant Authority	Increased potential for accidents	Water pits designed in accordance with authority standards	Pits designed below ground. Where above ground adequate offset from vehicle clear zones has been provided or barrier protection provided	Ν	1	1	1	Authority

![](_page_26_Picture_1.jpeg)

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	NAME	
	J.Chen	
	S.Hossain	
	E.Wang	
ED	B.Sanderson	
CE No. 1		
CE No. 2		SCALE AS SHOWN AT A1

![](_page_26_Picture_5.jpeg)

![](_page_26_Picture_6.jpeg)

	Marigold - Stage 4					
7		Road and Drainage Safety In Design				
LAND	MELWAYS REF	PROJECT / DRAWING No. 2360E-04-85	SHEET NO. 27 of 27			